

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG082504.D
 Acq On : 25 Aug 2017 23:40
 Operator : SJ/JU
 Sample : I4885-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.489	656	664	681	rVB2	274621	620715	16.63%	0.882%
2	7.653	681	692	698	rBV2	204954	381271	10.22%	0.542%
3	7.876	723	730	742	rVB3	274789	560529	15.02%	0.796%
4	8.235	780	791	793	rBV6	67181	186256	4.99%	0.265%
5	8.282	794	799	804	rVB	158645	258522	6.93%	0.367%
6	8.499	831	836	842	rVV	131292	251318	6.73%	0.357%
7	8.887	895	902	911	rVB5	73653	216206	5.79%	0.307%
8	9.034	912	927	934	rBV4	321948	804709	21.56%	1.143%
9	9.175	945	951	955	rBV3	150463	289952	7.77%	0.412%
10	9.345	965	980	984	rBV9	61927	218578	5.86%	0.311%
11	9.433	984	995	1001	rBV2	322345	821033	22.00%	1.166%
12	9.516	1001	1009	1017	rVV2	372907	935866	25.07%	1.330%
13	9.651	1025	1032	1044	rVV9	169856	744375	19.94%	1.058%
14	9.786	1044	1055	1064	rVB5	182848	597770	16.02%	0.849%
15	9.886	1064	1072	1079	rBV9	110965	380415	10.19%	0.540%
16	9.962	1079	1085	1092	rVV2	333807	671358	17.99%	0.954%
17	10.068	1098	1103	1113	rVB3	275999	595064	15.94%	0.845%
18	10.185	1117	1123	1126	rBV4	157385	322221	8.63%	0.458%
19	10.250	1126	1134	1139	rVV4	347693	1063186	28.49%	1.511%
20	10.326	1143	1147	1163	rVB10	306035	796370	21.34%	1.131%
21	10.550	1177	1185	1196	rBV10	202651	612671	16.42%	0.870%
22	10.726	1204	1215	1218	rBV5	169166	459256	12.30%	0.652%
23	10.779	1218	1224	1229	rVB2	327214	595475	15.95%	0.846%
24	10.849	1229	1236	1242	rVB2	315355	678377	18.18%	0.964%
25	10.914	1242	1247	1252	rBV4	145994	293986	7.88%	0.418%
26	10.990	1252	1260	1263	rBV5	156598	304484	8.16%	0.433%
27	11.120	1274	1282	1285	rVV7	146732	358741	9.61%	0.510%
28	11.161	1285	1289	1294	rVV4	201726	422753	11.33%	0.601%
29	11.278	1303	1309	1316	rVB3	921970	1882457	50.44%	2.675%
30	11.355	1316	1322	1328	rBV6	305077	728201	19.51%	1.035%
31	11.408	1328	1331	1335	rVB3	133570	188552	5.05%	0.268%
32	11.507	1341	1348	1353	rBV4	219310	505726	13.55%	0.719%
33	11.566	1354	1358	1362	rVV2	175779	339178	9.09%	0.482%
34	11.631	1362	1369	1374	rVV5	353476	876218	23.48%	1.245%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG082504.D
 Acq On : 25 Aug 2017 23:40
 Operator : SJ/JU
 Sample : I4885-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

35	11.678	1374	1377	1384	rVB4	101748	224310	6.01%	0.319%
36	11.778	1385	1394	1395	rBV7	147278	285748	7.66%	0.406%
37	11.831	1396	1403	1411	rVB5	520151	1119207	29.99%	1.590%
38	11.966	1421	1426	1434	rVV9	160445	393515	10.54%	0.559%
39	12.048	1434	1440	1446	rVB6	286998	659503	17.67%	0.937%
40	12.136	1447	1455	1459	rBV	1841815	2877319	77.09%	4.088%
41	12.183	1460	1463	1467	rVV4	314340	530184	14.21%	0.753%
42	12.230	1467	1471	1477	rVB6	204641	435653	11.67%	0.619%
43	12.330	1483	1488	1493	rBV4	285027	448972	12.03%	0.638%
44	12.406	1493	1501	1507	rBV6	280499	810141	21.71%	1.151%
45	12.465	1507	1511	1514	rVB3	138168	206045	5.52%	0.293%
46	12.518	1516	1520	1523	rBV	131990	185163	4.96%	0.263%
47	12.606	1530	1535	1540	rBV8	150647	385144	10.32%	0.547%
48	12.735	1551	1557	1564	rVB3	539447	1268306	33.98%	1.802%
49	12.794	1564	1567	1572	rBV5	166730	239995	6.43%	0.341%
50	12.871	1575	1580	1584	rVB4	255924	397787	10.66%	0.565%
51	12.953	1585	1594	1598	rBV7	291991	884236	23.69%	1.256%
52	13.029	1598	1607	1613	rVV6	342099	1348813	36.14%	1.916%
53	13.082	1613	1616	1623	rVV7	166803	411107	11.01%	0.584%
54	13.153	1623	1628	1633	rVV7	186045	459235	12.30%	0.652%
55	13.217	1633	1639	1646	rVB3	522560	991515	26.57%	1.409%
56	13.299	1647	1653	1656	rBV6	152438	323468	8.67%	0.460%
57	13.458	1674	1680	1695	rBV	2207523	3732335	100.00%	5.303%
58	13.611	1702	1706	1709	rBV4	148648	224887	6.03%	0.320%
59	13.658	1710	1714	1718	rVB3	156909	229547	6.15%	0.326%
60	13.728	1718	1726	1728	rBV4	487236	853311	22.86%	1.212%
61	13.758	1729	1731	1738	rVB2	482891	676094	18.11%	0.961%
62	13.828	1738	1743	1749	rBV6	331997	778717	20.86%	1.106%
63	13.893	1750	1754	1760	rVB5	339281	699859	18.75%	0.994%
64	13.981	1765	1769	1776	rVB5	307114	534283	14.31%	0.759%
65	14.075	1777	1785	1787	rBV9	85110	237247	6.36%	0.337%
66	14.134	1787	1795	1800	rVB5	364051	785869	21.06%	1.117%
67	14.222	1805	1810	1814	rBV8	154315	291605	7.81%	0.414%
68	14.269	1814	1818	1823	rBV2	349719	645366	17.29%	0.917%
69	14.339	1823	1830	1833	rBV2	509962	1134000	30.38%	1.611%
70	14.392	1834	1839	1844	rVB3	2149153	3361554	90.07%	4.776%
71	14.445	1845	1848	1853	rVB4	238838	364489	9.77%	0.518%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028504.D
 Acq On : 25 Aug 2017 23:40
 Operator : SJ/JU
 Sample : I4885-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

72	14.510	1853	1859	1862	rBV6	199614	330249	8.85%	0.469%
73	14.551	1863	1866	1871	rVV6	164101	378945	10.15%	0.538%
74	14.598	1871	1874	1877	rVB3	210810	273236	7.32%	0.388%
75	14.651	1877	1883	1894	rBV	612336	1561007	41.82%	2.218%
76	14.768	1895	1903	1909	rVB7	271663	686952	18.41%	0.976%
77	14.827	1909	1913	1918	rBV4	131094	241774	6.48%	0.344%
78	14.880	1918	1922	1925	rBV3	213739	365177	9.78%	0.519%
79	14.950	1925	1934	1941	rVB5	298207	982517	26.32%	1.396%
80	15.015	1941	1945	1949	rBV5	164164	266932	7.15%	0.379%
81	15.144	1962	1967	1976	rVB3	434872	944449	25.30%	1.342%
82	15.227	1977	1981	1989	rBV5	157073	377674	10.12%	0.537%
83	15.303	1989	1994	1998	rBV2	248265	495431	13.27%	0.704%
84	15.420	2008	2014	2031	rVB6	423540	1171394	31.39%	1.664%
85	15.561	2032	2038	2043	rBV2	297358	559392	14.99%	0.795%
86	15.732	2059	2067	2076	rBV9	200945	684807	18.35%	0.973%
87	15.802	2076	2079	2084	rVV3	119279	194435	5.21%	0.276%
88	15.943	2098	2103	2108	rBV	792525	1227603	32.89%	1.744%
89	16.061	2118	2123	2131	rVB3	241803	443567	11.88%	0.630%
90	16.155	2131	2139	2144	rBV	668917	1063794	28.50%	1.511%
91	16.637	2214	2221	2237	rVB	893696	1579345	42.32%	2.244%
92	17.459	2355	2361	2366	rBV	346350	499119	13.37%	0.709%
93	17.700	2396	2402	2407	rBV	378632	612990	16.42%	0.871%
94	17.800	2413	2419	2426	rVB	897049	1386067	37.14%	1.969%
95	18.552	2541	2547	2554	rBV2	239489	443796	11.89%	0.631%
96	20.074	2799	2806	2816	rBV	1101580	1706542	45.72%	2.425%
97	22.030	3131	3139	3152	rVB	414978	758003	20.31%	1.077%
98	23.787	3431	3438	3448	rVB	96376	218988	5.87%	0.311%
99	25.303	3683	3696	3718	rBV2	537689	1721968	46.14%	2.447%
100	25.538	3718	3736	3752	rVB2	217913	812476	21.77%	1.154%

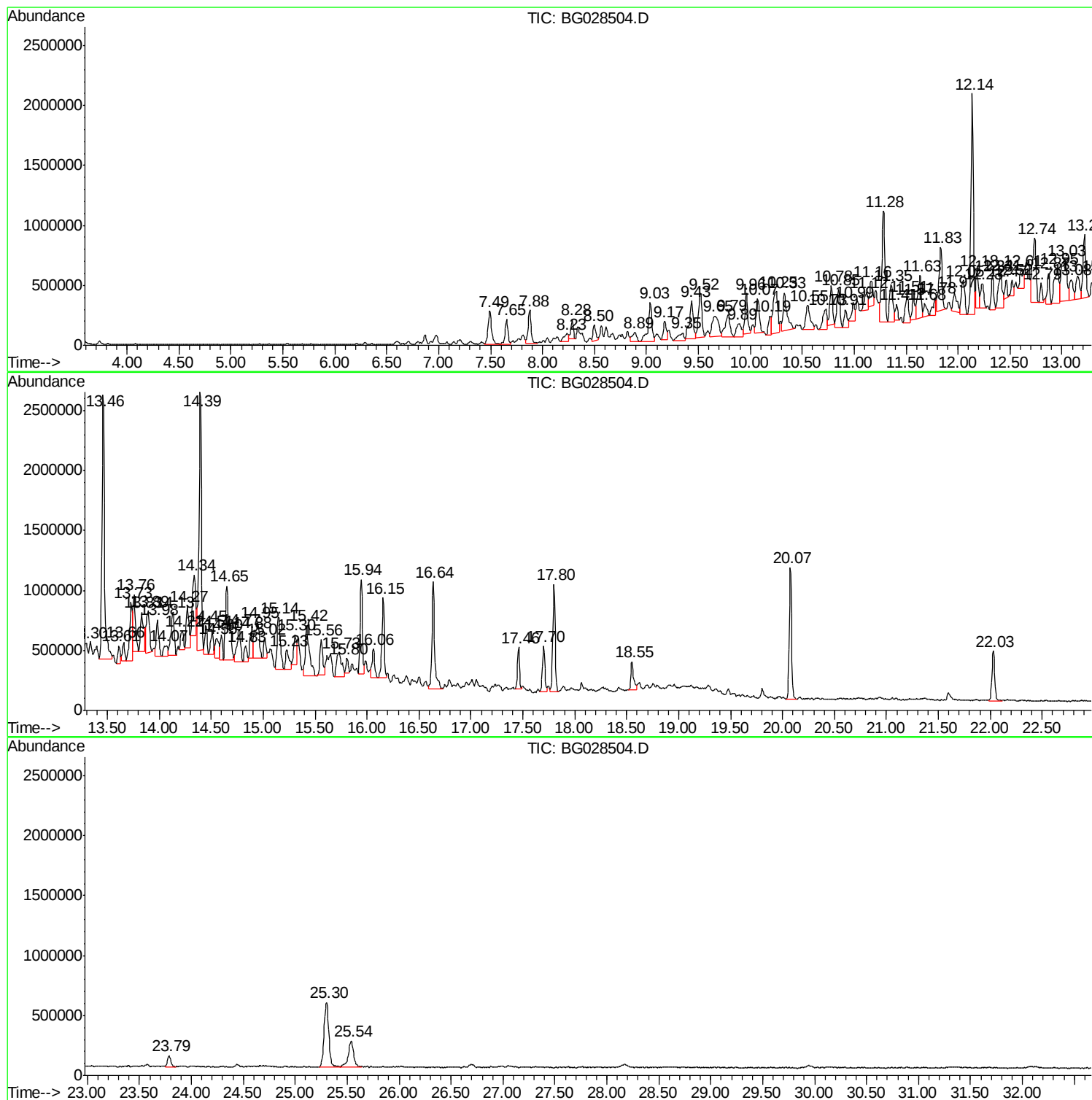
Sum of corrected areas: 70384947

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

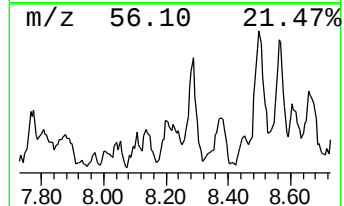
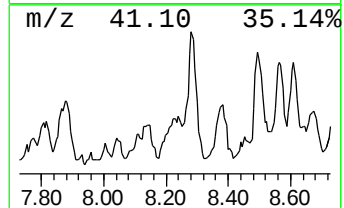
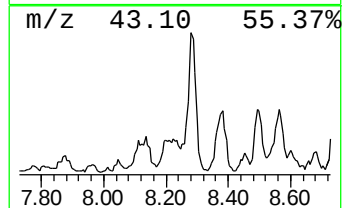
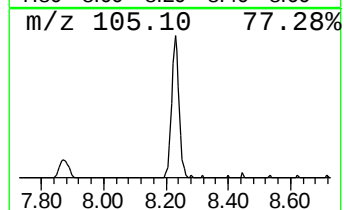
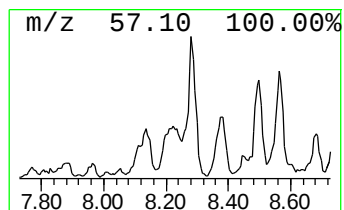
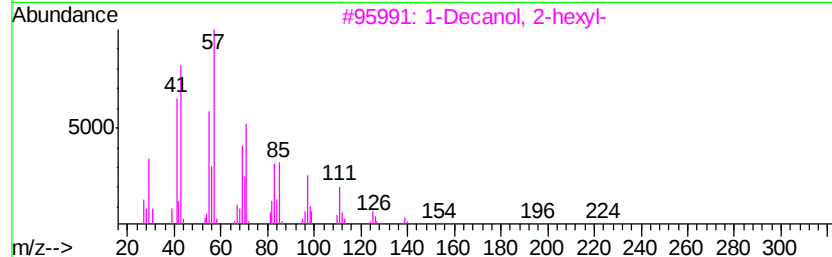
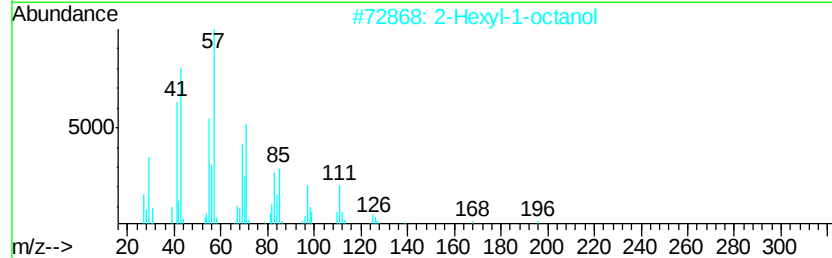
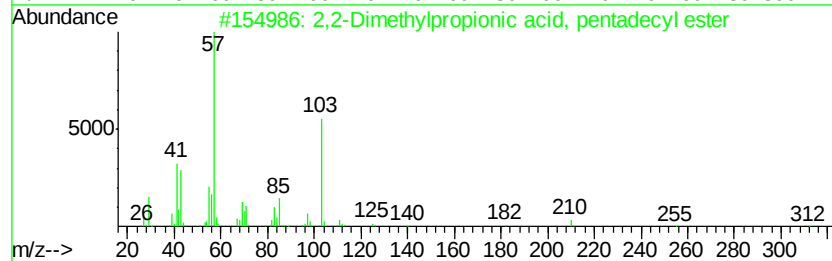
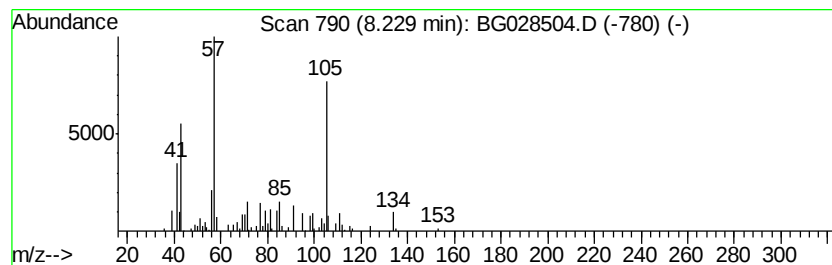
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2,2-Dimethylpropionic acid,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	14.41 ng/ul	186256	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylpropionic acid, pent...	312	C20H40O2	1000278-93-8	53
2		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	50
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
5		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

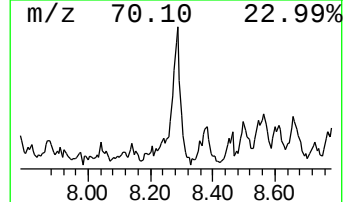
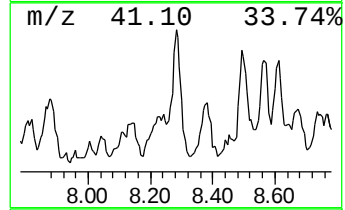
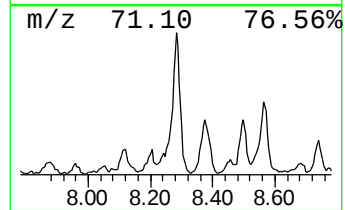
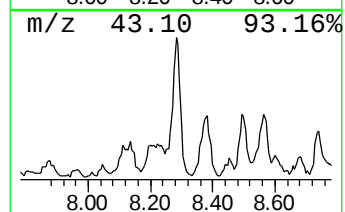
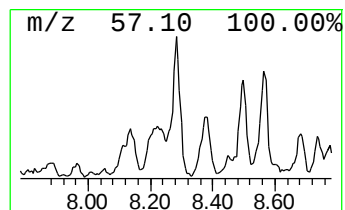
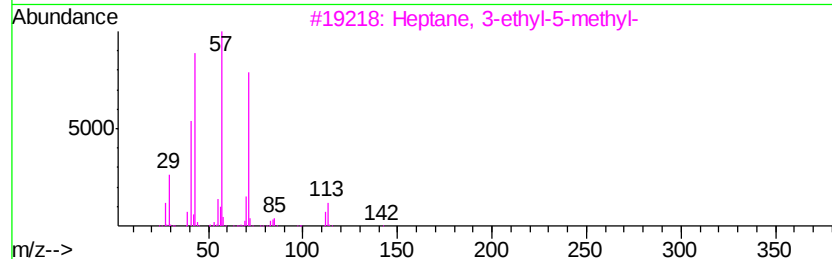
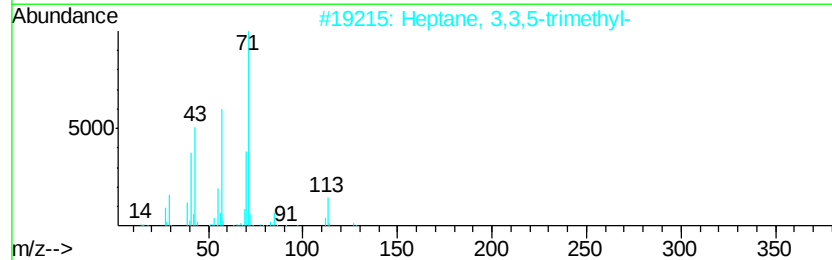
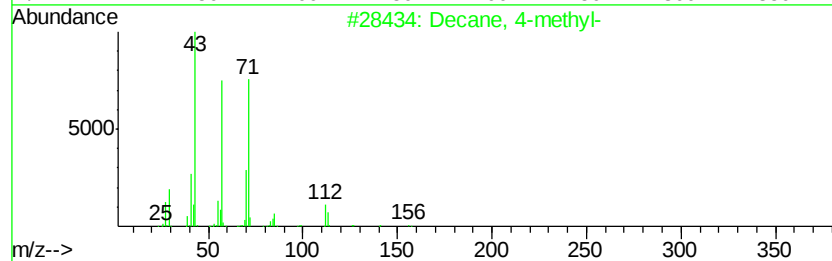
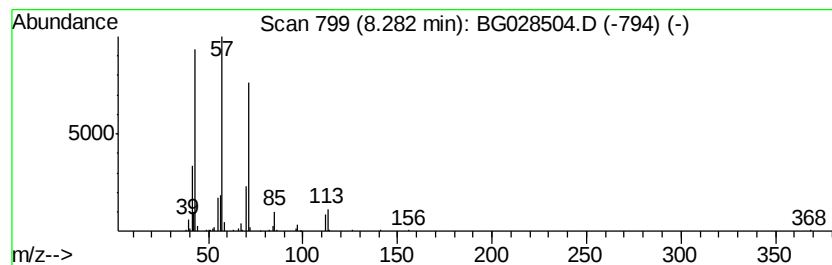
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	20.00 ng/ul	258522	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	86
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

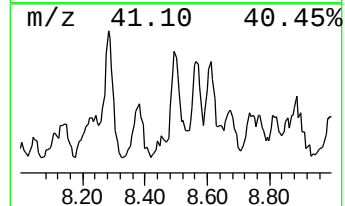
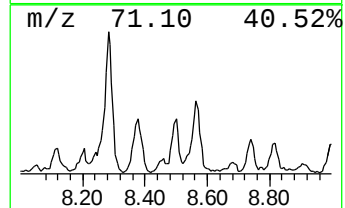
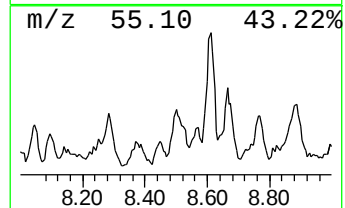
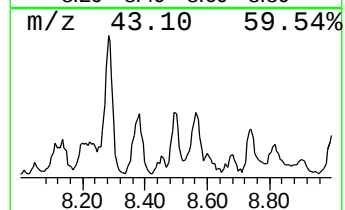
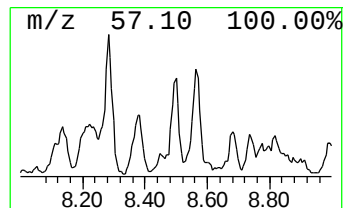
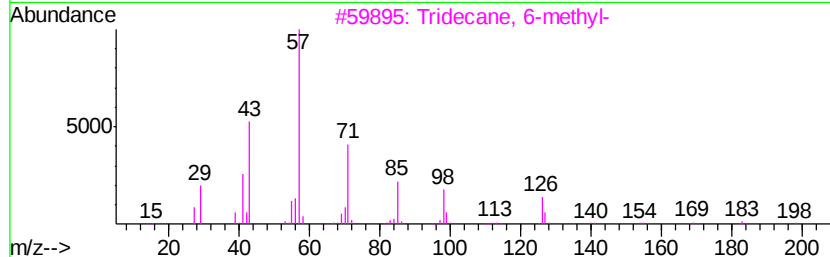
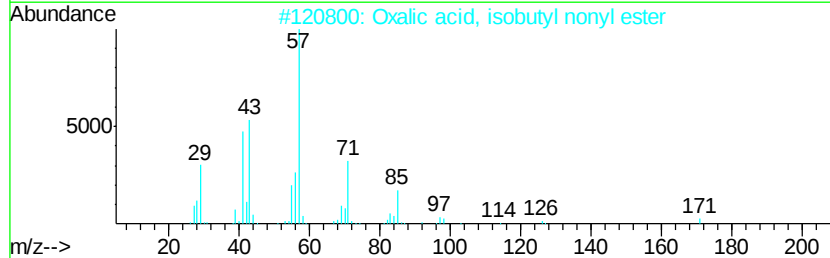
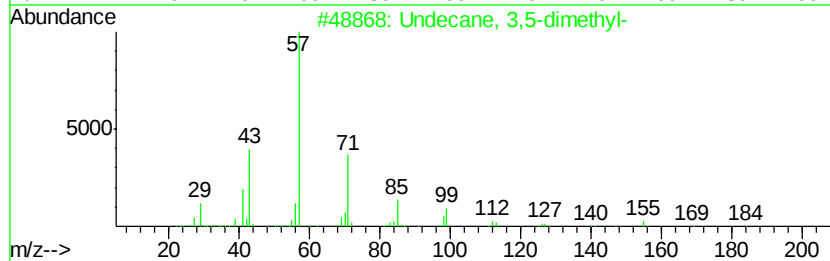
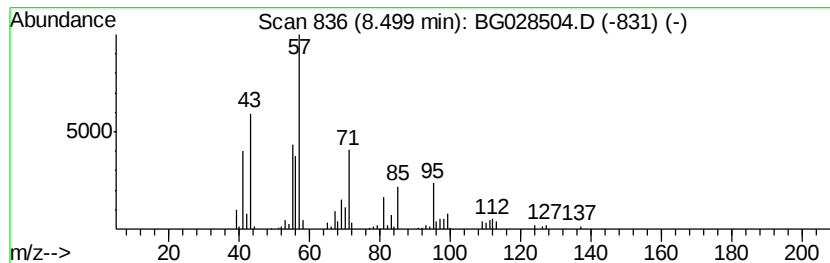
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	19.44 ng/ul	251318	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50
2		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4		Hexadecane	226	C16H34	000544-76-3	47
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
B0AQ2

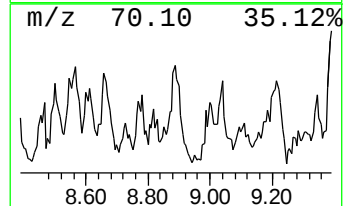
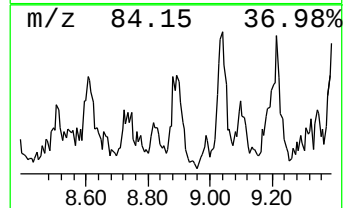
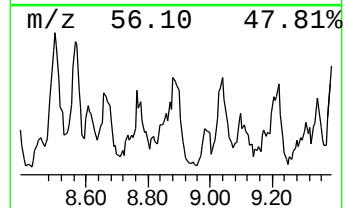
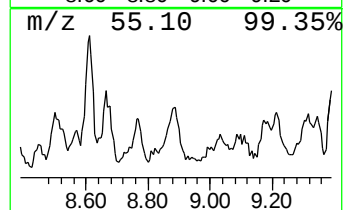
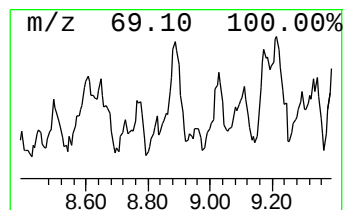
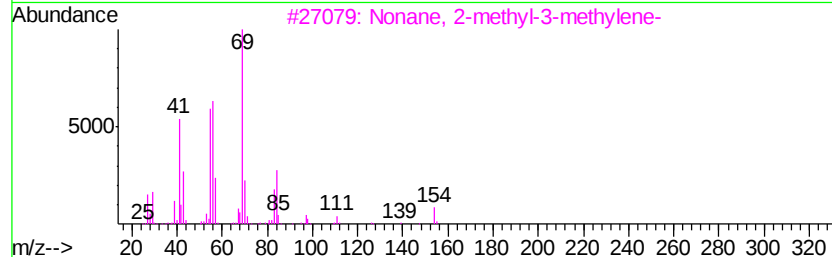
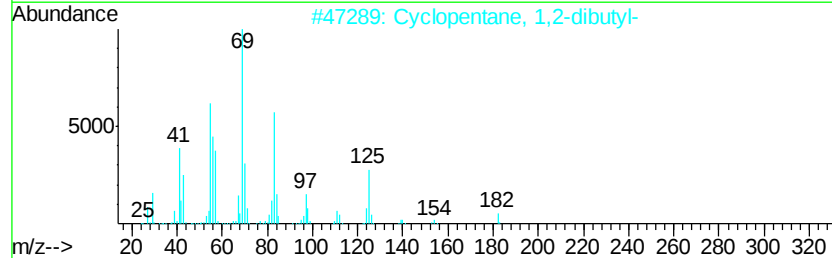
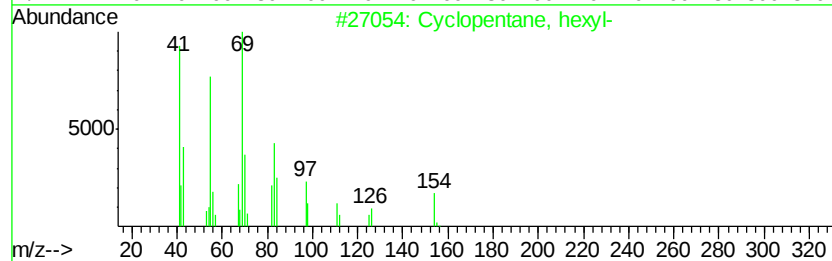
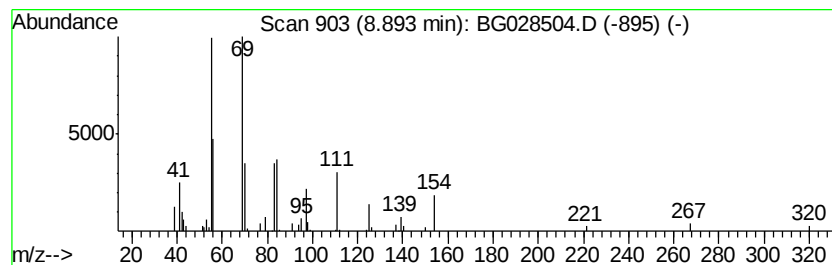
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic8.89 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	16.73 ng/ul	216206	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	58
2		Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	53
3		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
4		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	47
5		1-Heptanol, 2,4-diethyl-	172	C11H24O	080192-55-8	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

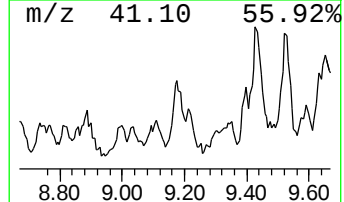
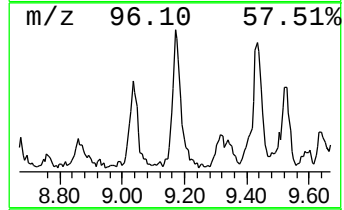
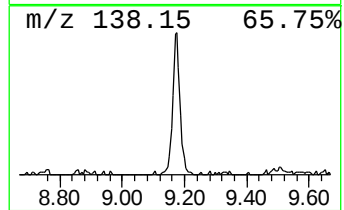
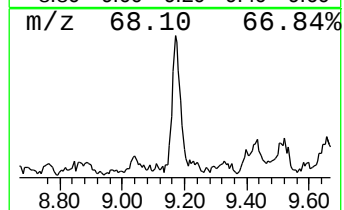
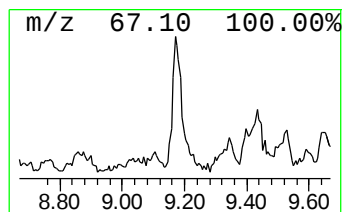
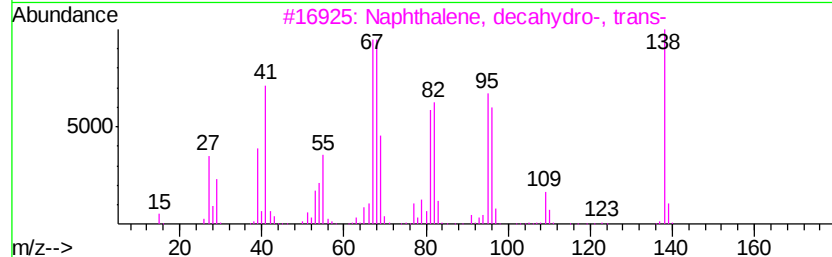
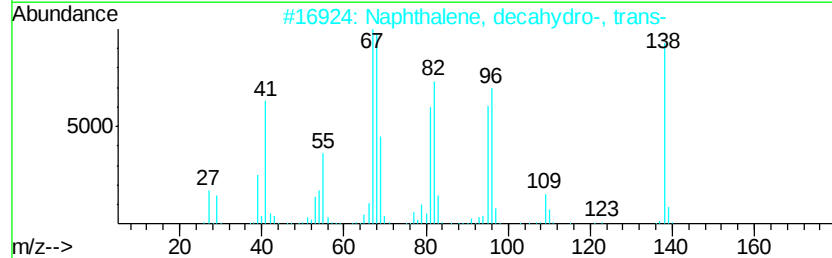
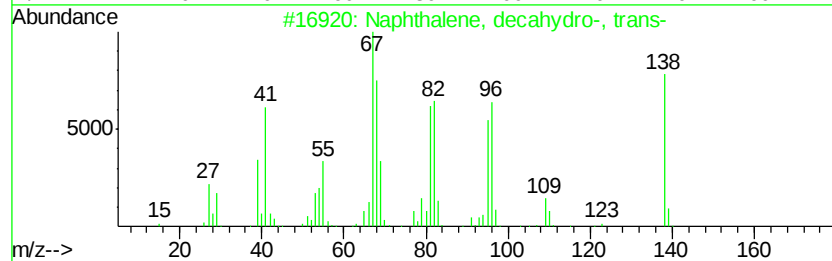
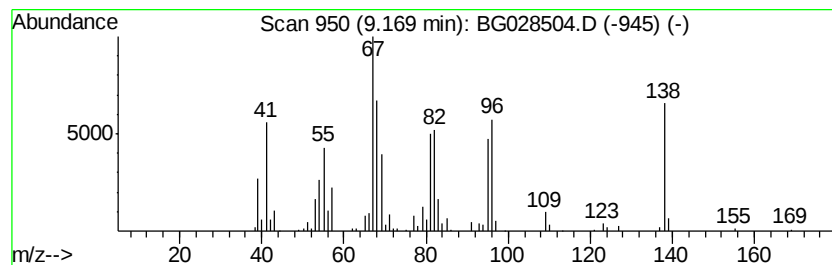
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	22.43 ng/ul	289952	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	93
5		Naphthalene, decahydro-	138	C10H18	000091-17-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

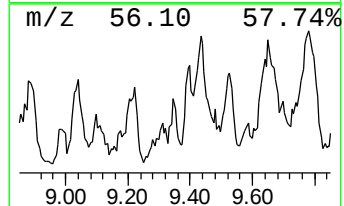
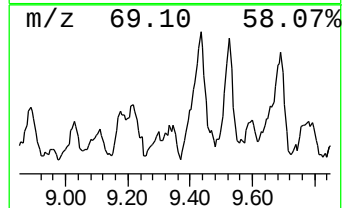
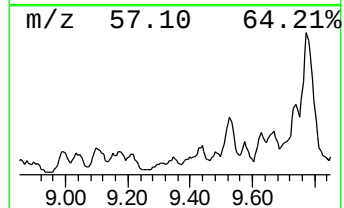
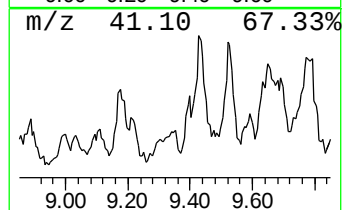
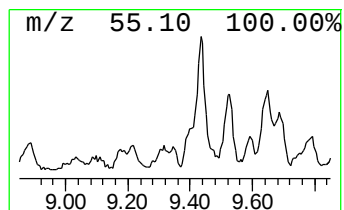
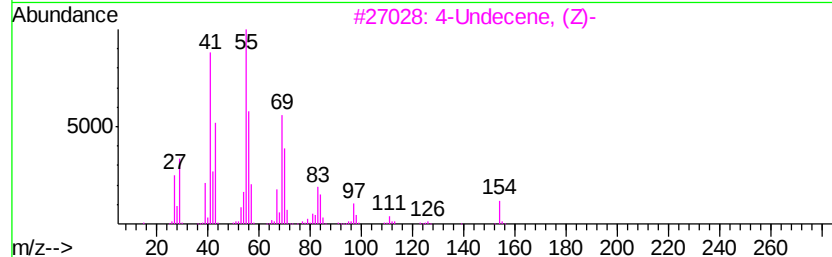
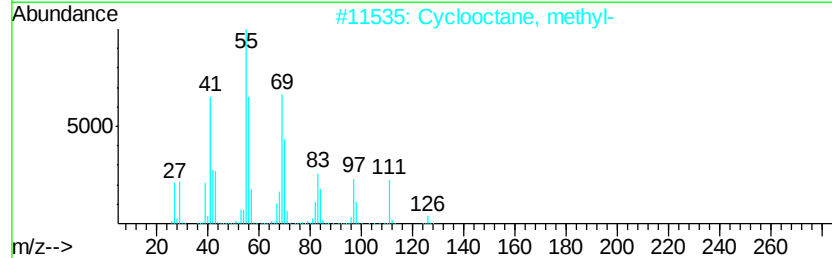
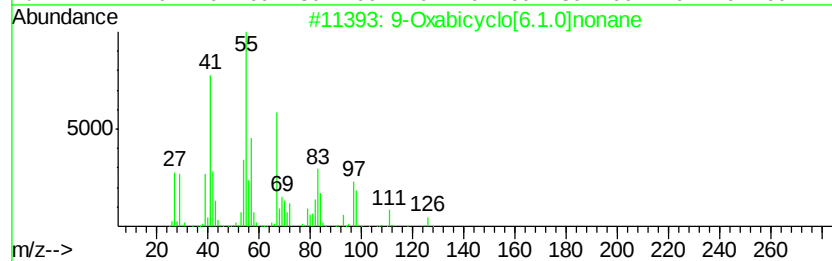
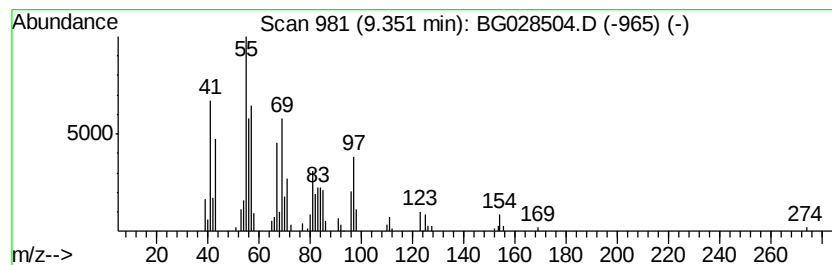
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9-Oxabicyclo[6.1.0]nonane Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	16.91 ng/ul	218578	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Oxabicyclo[6.1.0]nonane	126	C8H14O	000286-62-4	52
2		Cyclooctane, methyl-	126	C9H18	001502-38-1	46
3		4-Undecene, (Z)-	154	C11H22	000821-98-7	46
4		Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	43
5		5-(Prop-2-enoyloxy)pentadecane	282	C18H34O2	1000245-67-6	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

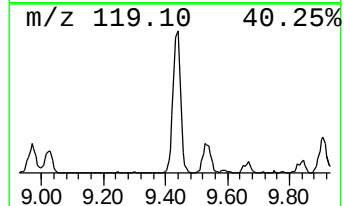
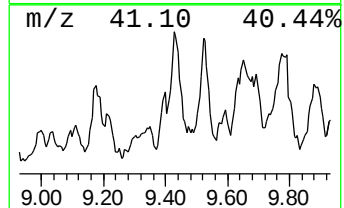
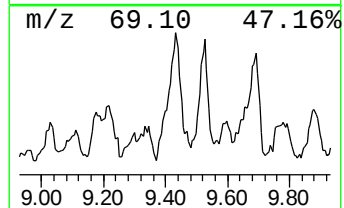
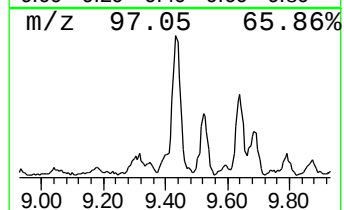
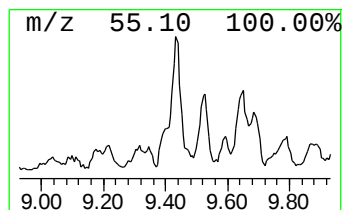
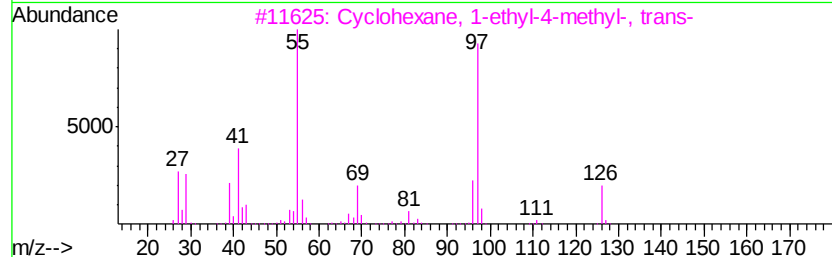
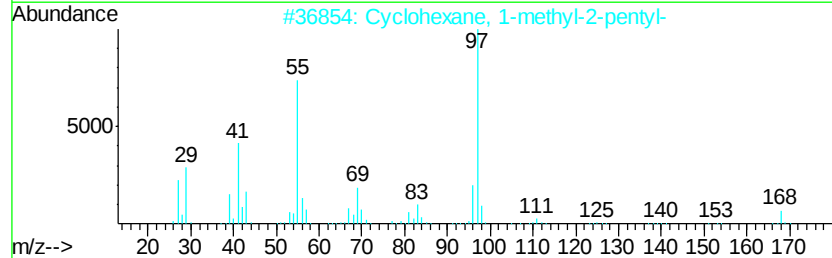
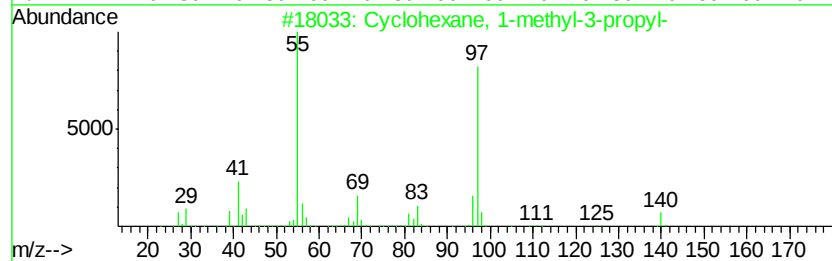
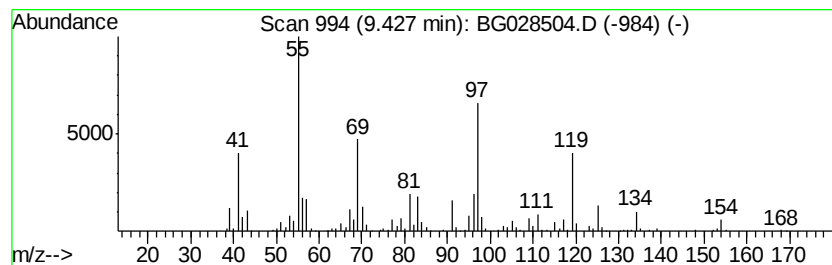
Instrument :
BNA_G
ClientSampleId :
B0AQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic9.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	63.52 ng/ul	821033	1,4-Dichlorobenzene-d4	8.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-3-propyl-	140 C10H20	004291-80-9 35
2		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 35
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	006236-88-0 35
4		Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6 35
5		Oxalic acid, cyclohexylmethyl is...	270 C15H26O4	1000309-68-3 27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

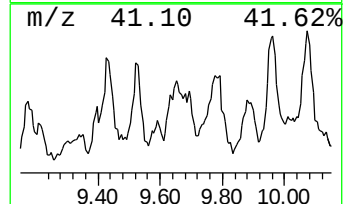
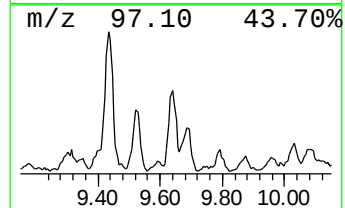
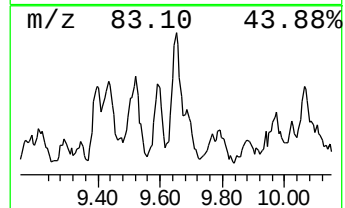
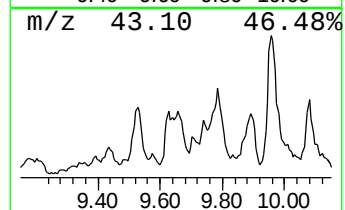
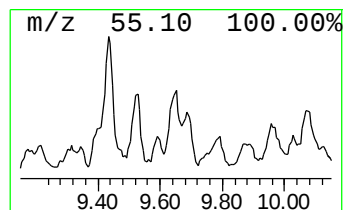
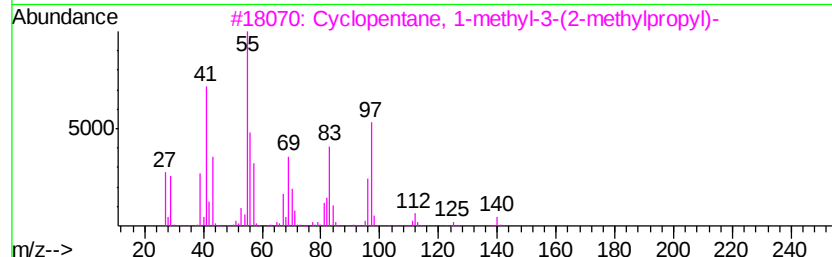
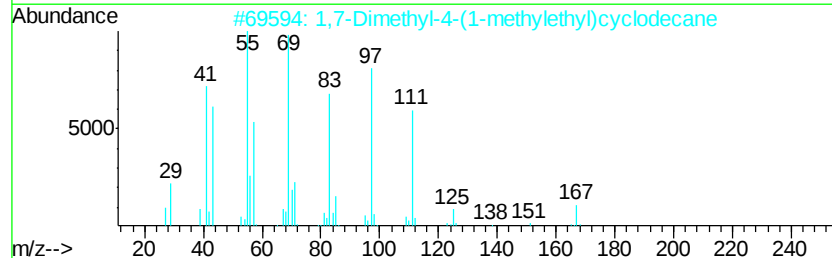
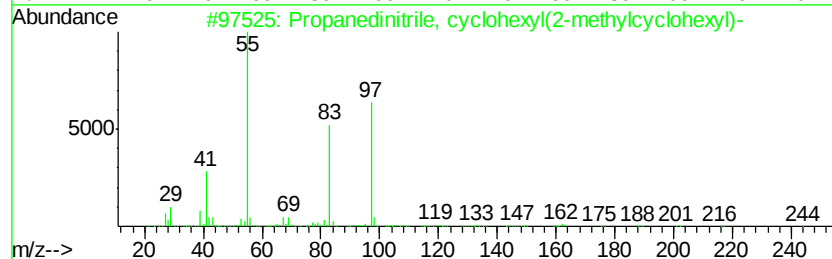
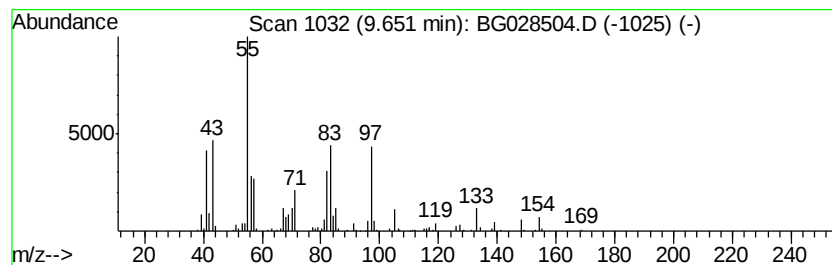
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	57.59 ng/ul	744375	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	43
2		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
3		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	38
4		4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	35
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

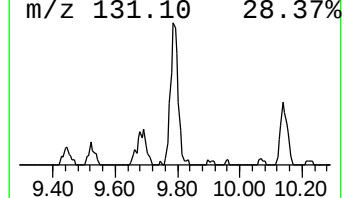
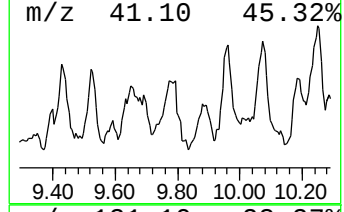
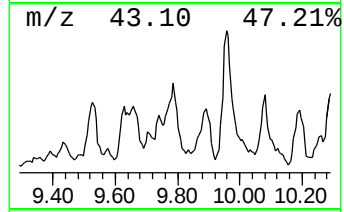
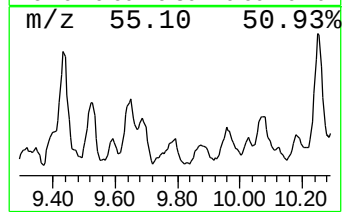
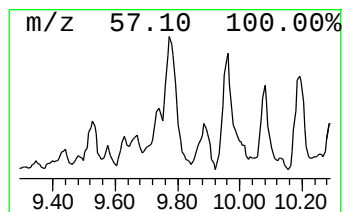
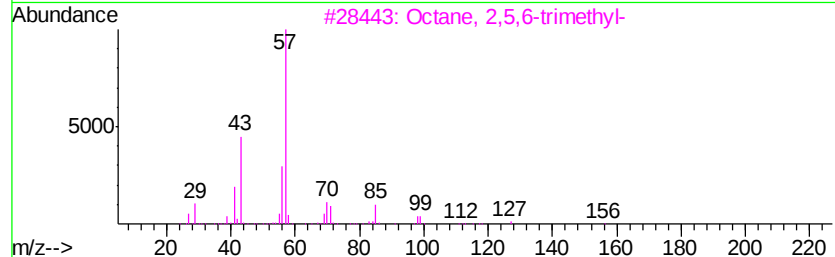
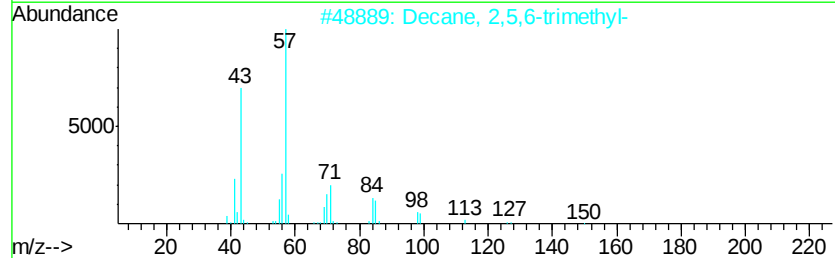
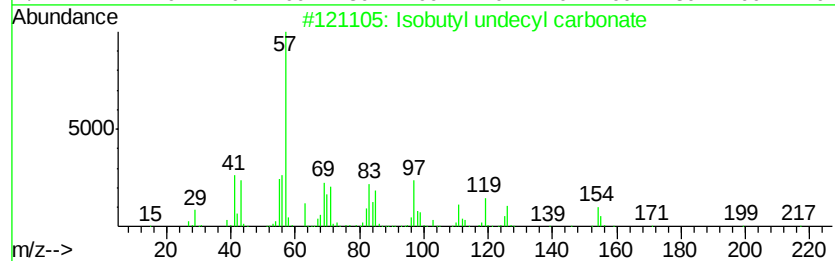
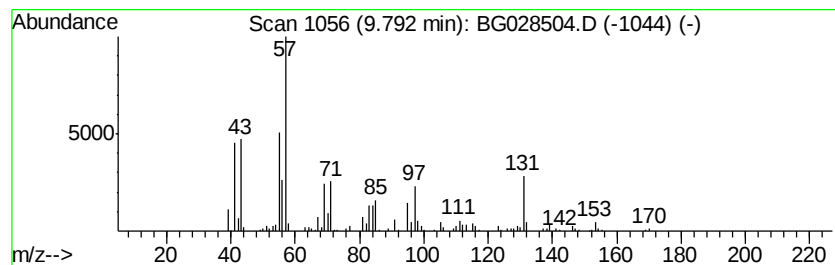
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Isobutyl undecyl carbonate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	28.28 ng/ul	597770	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl undecyl carbonate	272	C16H32O3	1000372-78-8	50
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
3		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43
4		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	43
5		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
B0AQ2

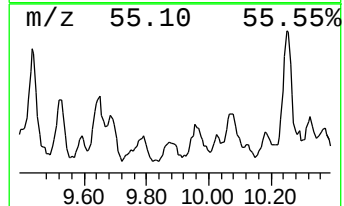
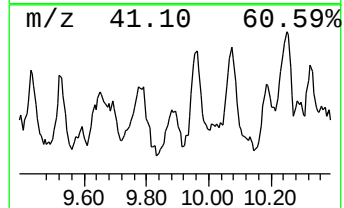
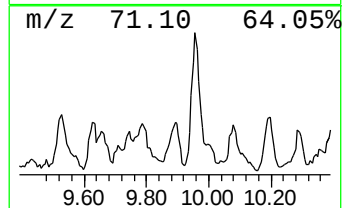
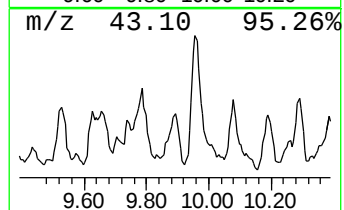
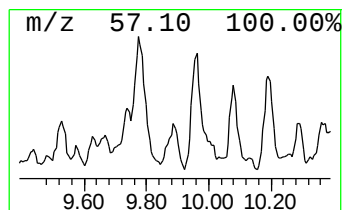
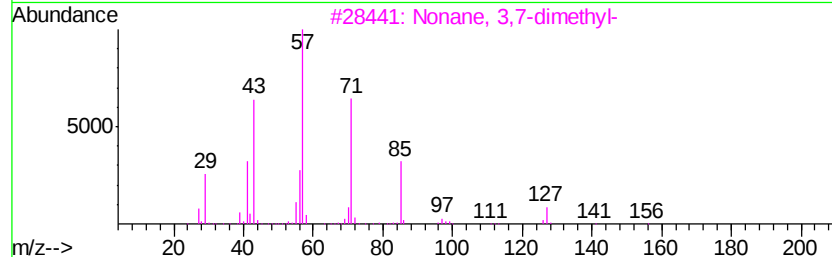
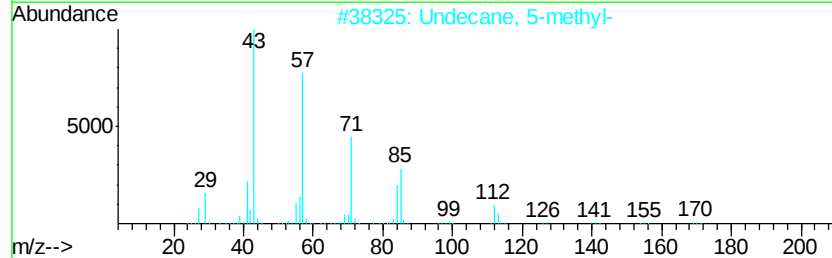
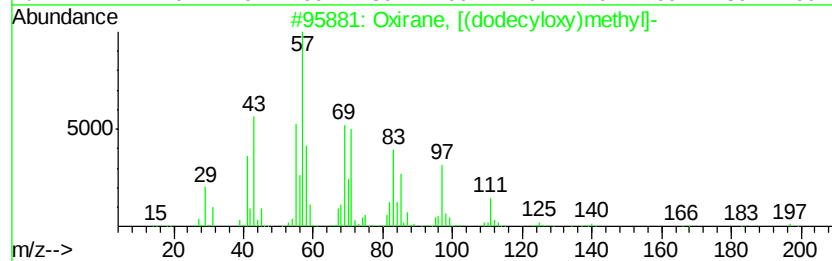
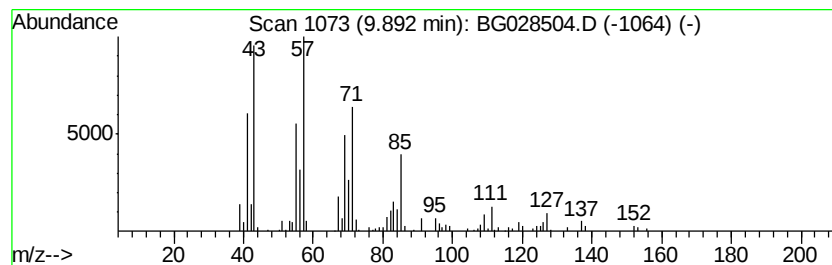
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	18.00 ng/ul	380415	Naphthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	72
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	50
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
4			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	47
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

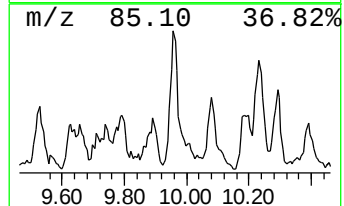
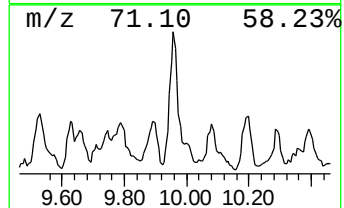
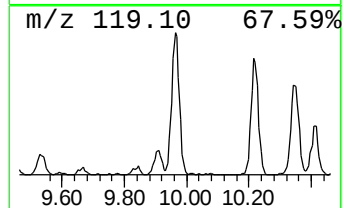
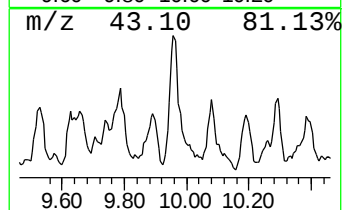
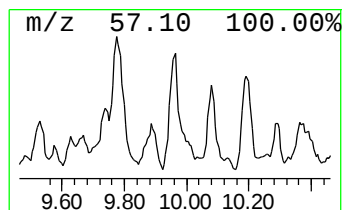
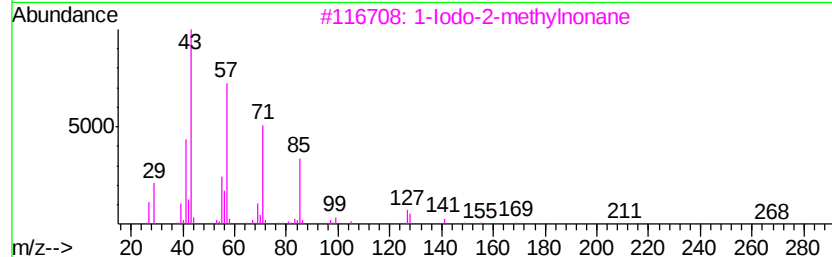
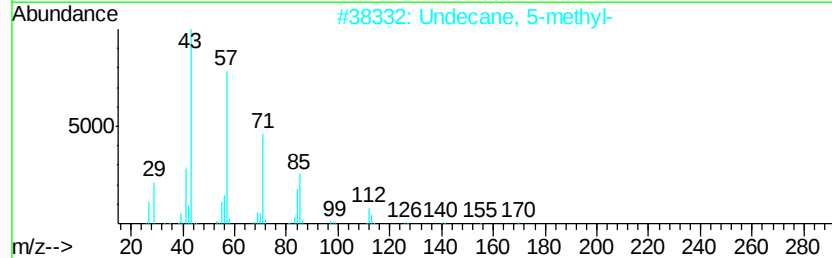
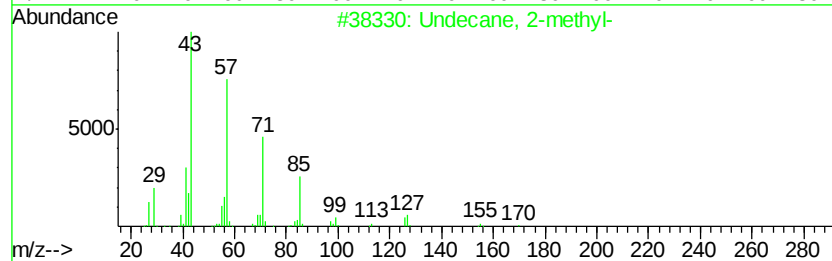
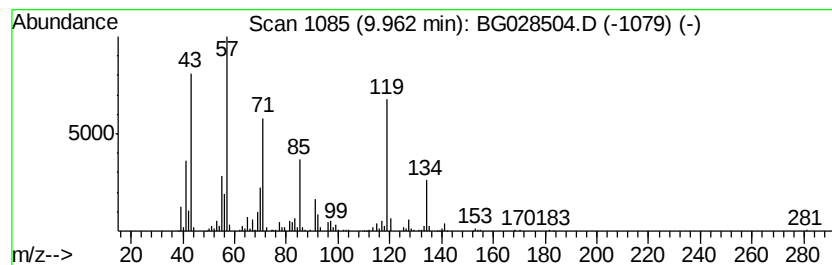
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	31.76 ng/ul	671358	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	43
3		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
4		Heptacosane	380	C27H56	000593-49-7	38
5		Eicosane	282	C20H42	000112-95-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

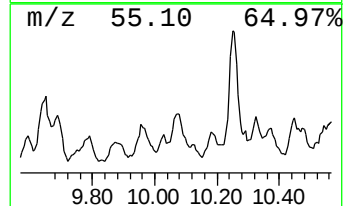
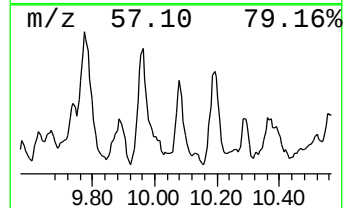
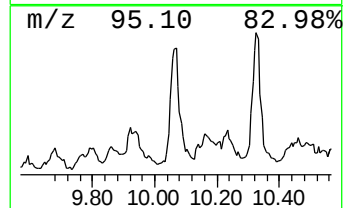
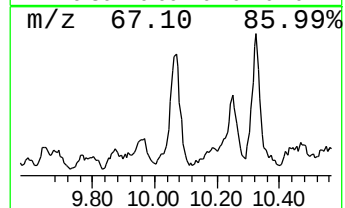
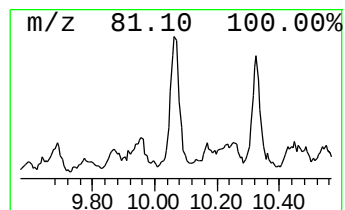
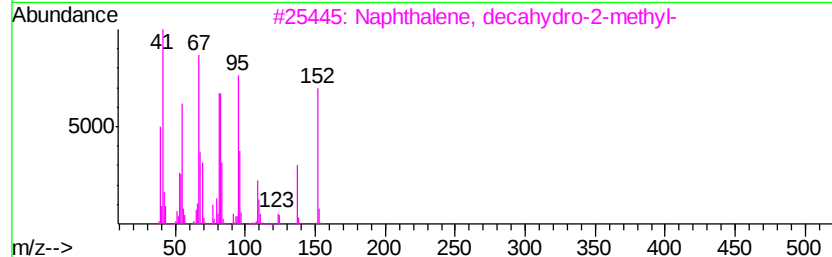
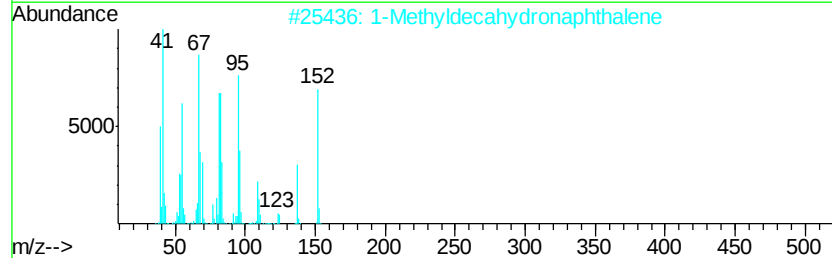
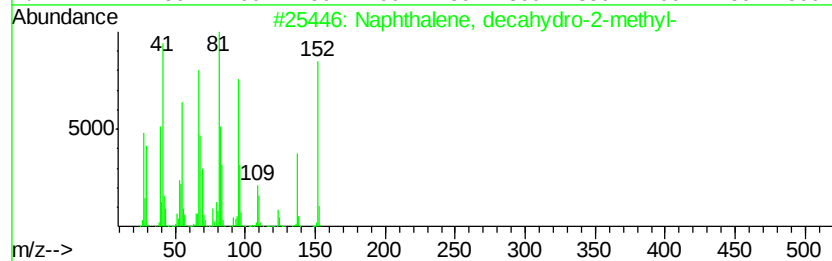
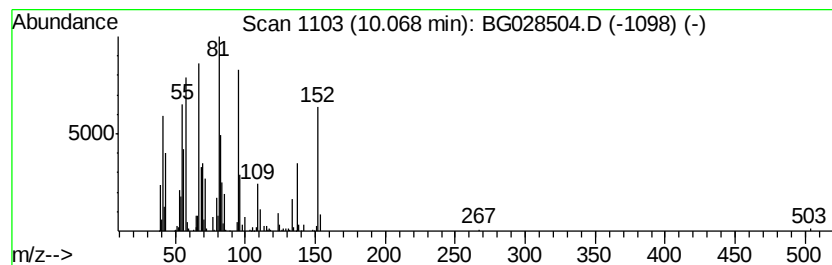
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	28.15 ng/ul	595064	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	92
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

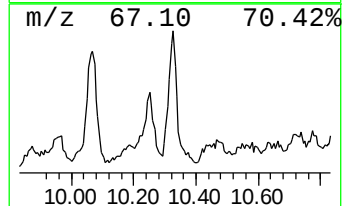
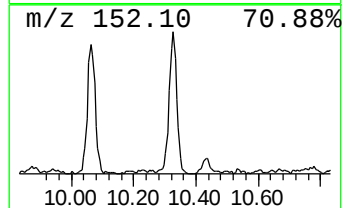
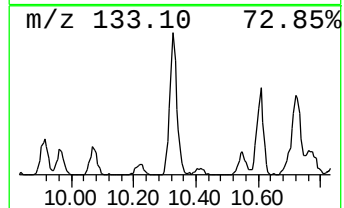
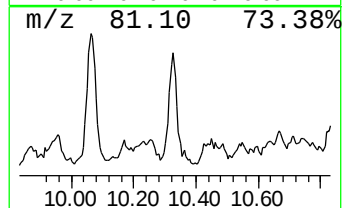
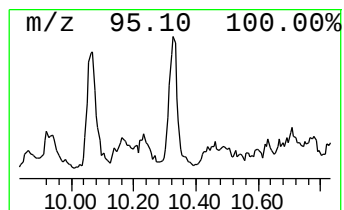
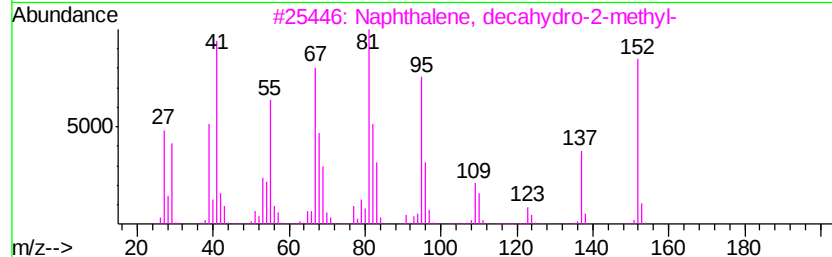
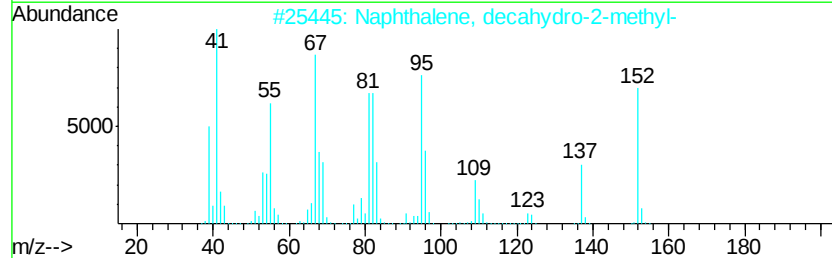
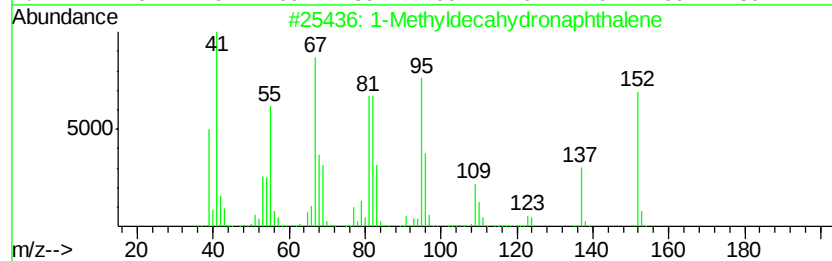
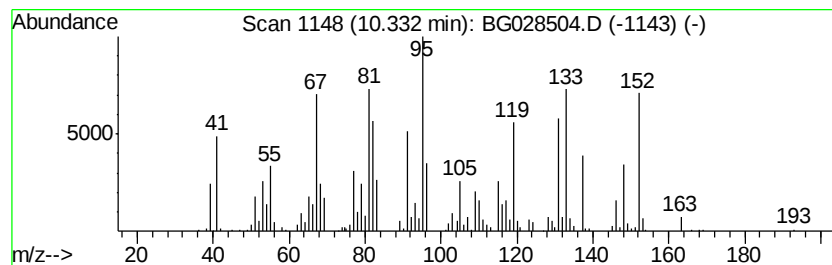
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Methyldecahydronaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	37.68 ng/ul	796370	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

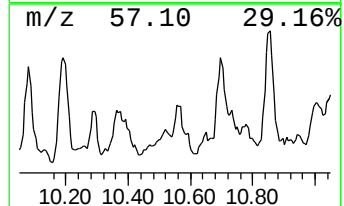
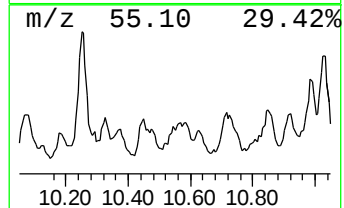
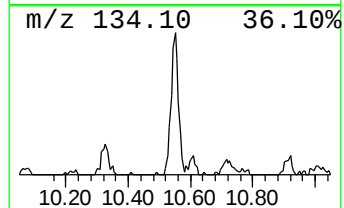
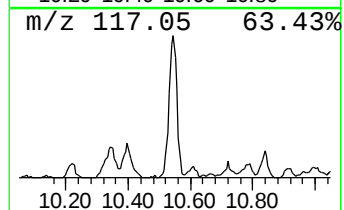
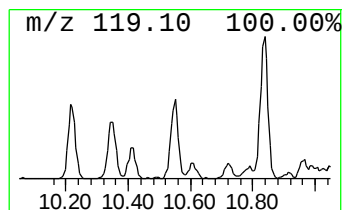
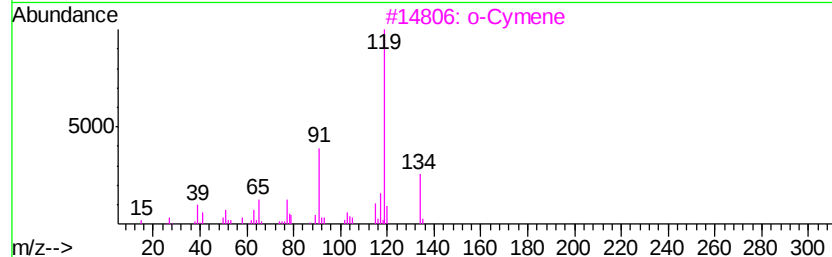
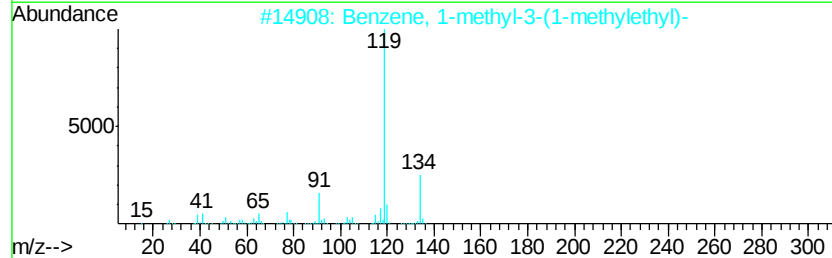
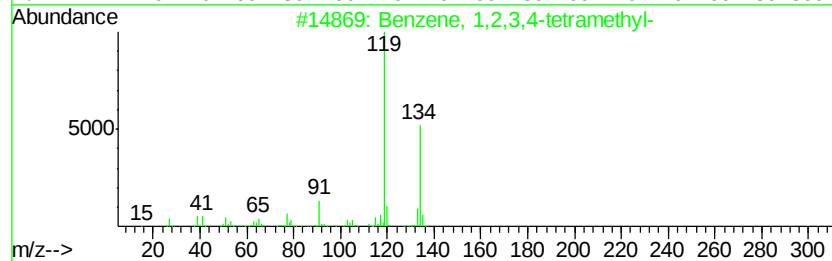
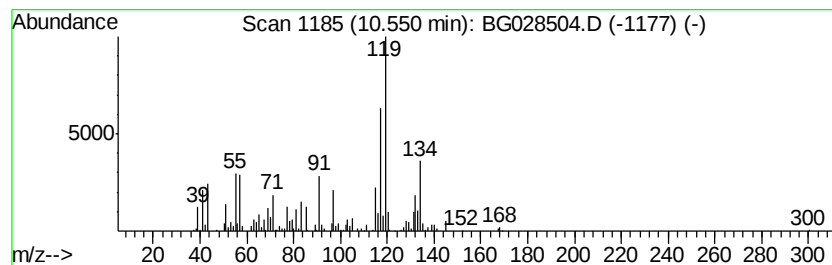
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	28.98 ng/ul	612671	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
3		o-Cymene	134	C10H14	000527-84-4	55
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5		o-Cymene	134	C10H14	000527-84-4	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

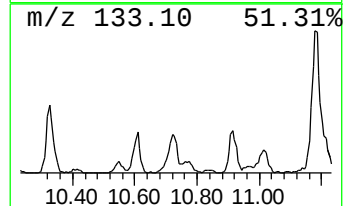
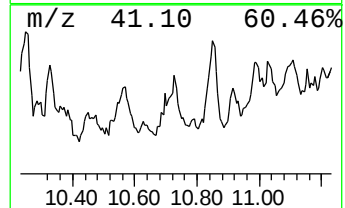
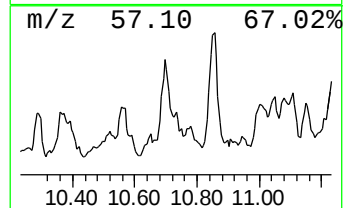
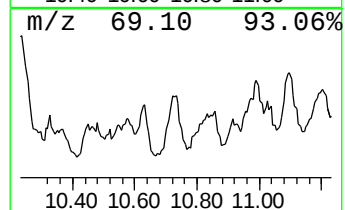
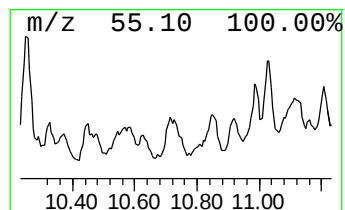
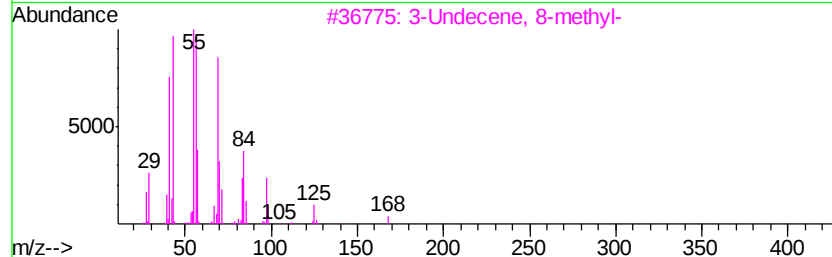
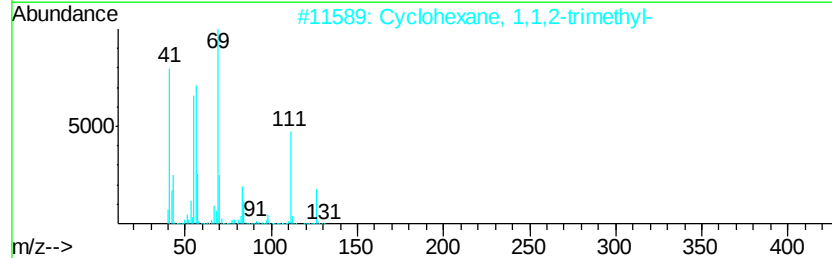
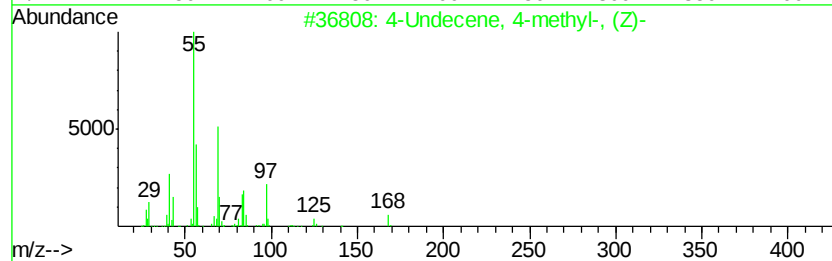
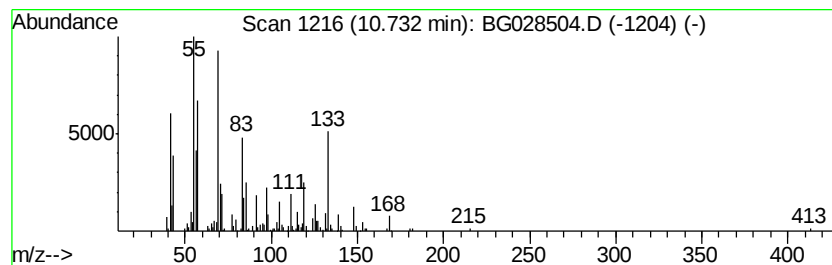
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic10.73 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	21.73 ng/ul	459256	Naphthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4	Undecene,	4-methyl-, (Z)-	168	C12H24	074630-57-2	49
2	Cyclohexane,	1,1,2-trimethyl-		126	C9H18	007094-26-0	43
3	3-Undecene,	8-methyl-		168	C12H24	1000061-84-4	38
4	2-Dodecene,	(Z)-		168	C12H24	007206-26-0	38
5	5-Undecene,	5-methyl-, (Z)-		168	C12H24	057024-93-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

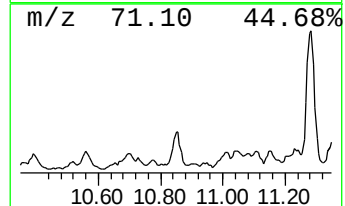
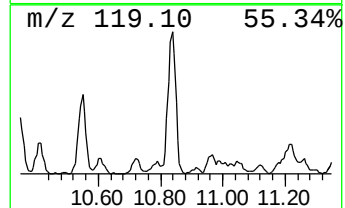
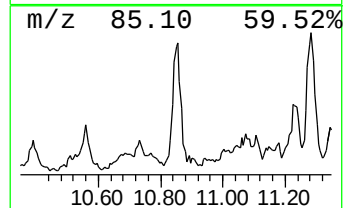
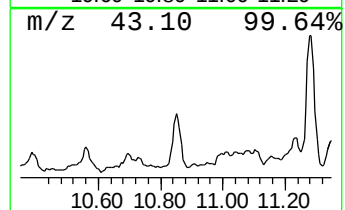
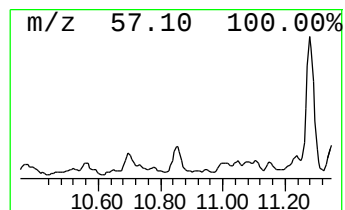
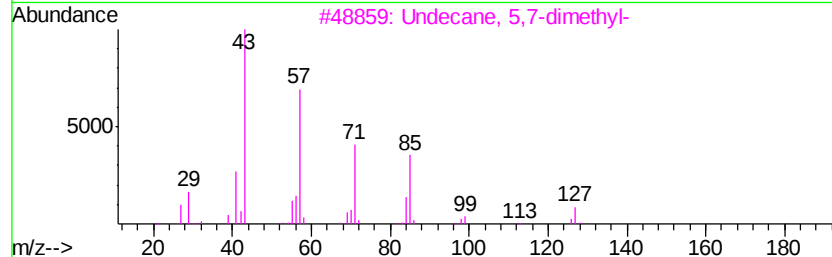
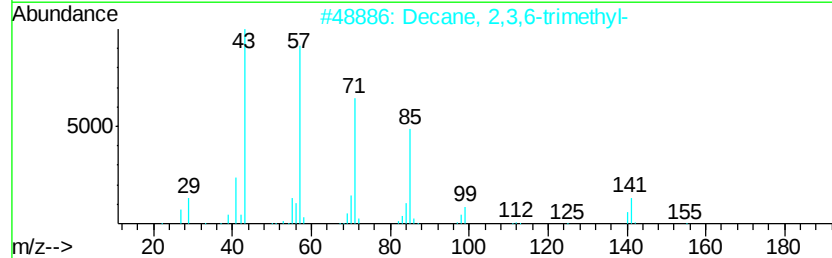
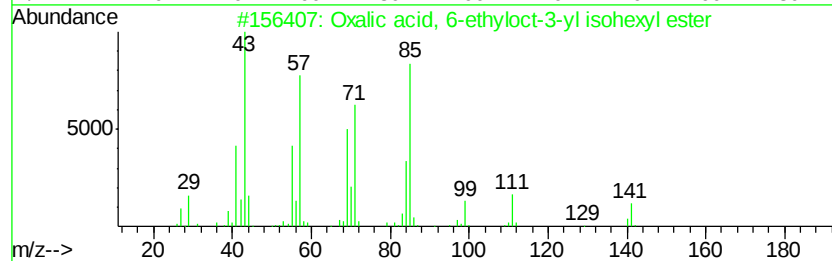
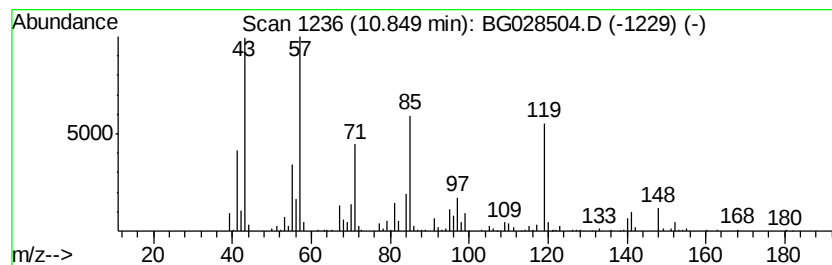
Instrument :
BNA_G
ClientSampleId :
B0AQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	32.09 ng/ul	678377	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxalic acid, 6-ethyloct-3-yl iso...	314 C18H34O4	1000309-34-3 47
2		Decane, 2,3,6-trimethyl-	184 C13H28	062238-12-4 38
3		Undecane, 5,7-dimethyl-	184 C13H28	017312-83-3 38
4		Undecane, 5-methyl-	170 C12H26	001632-70-8 35
5		Decane	142 C10H22	000124-18-5 35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

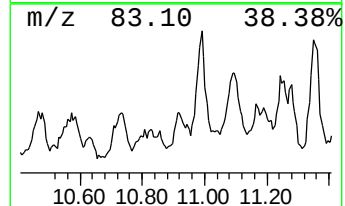
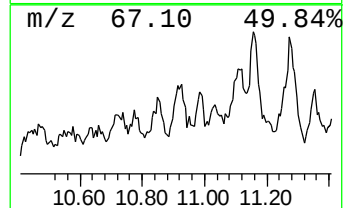
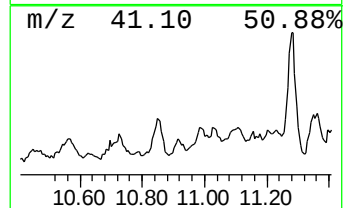
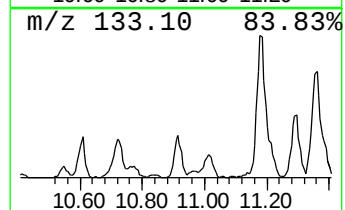
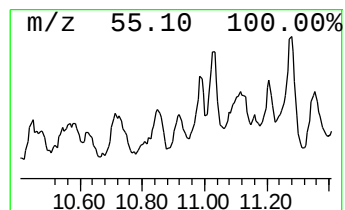
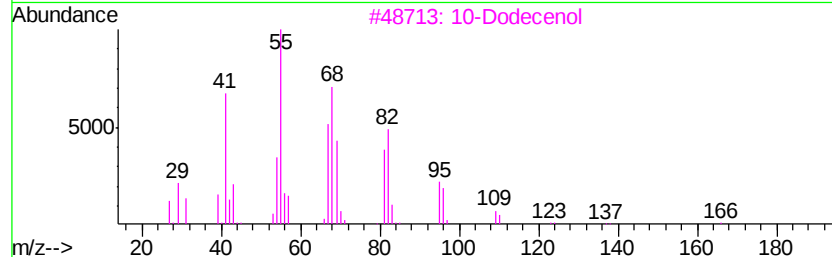
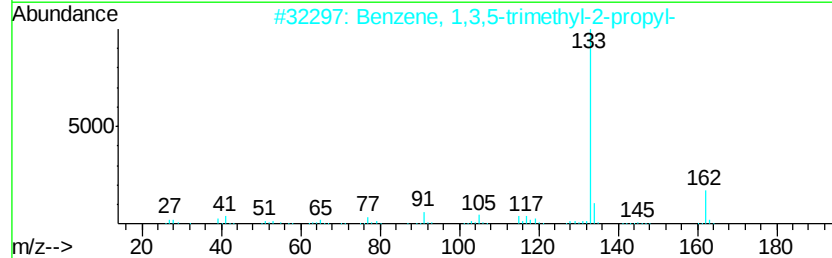
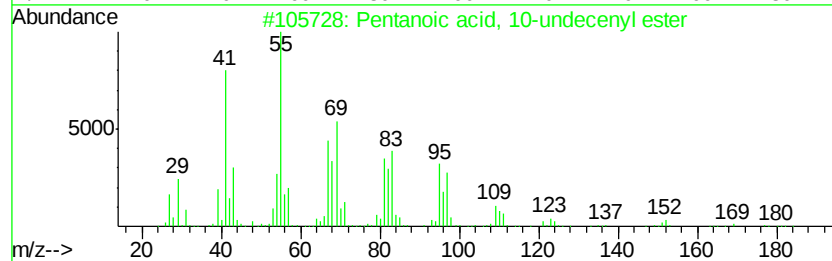
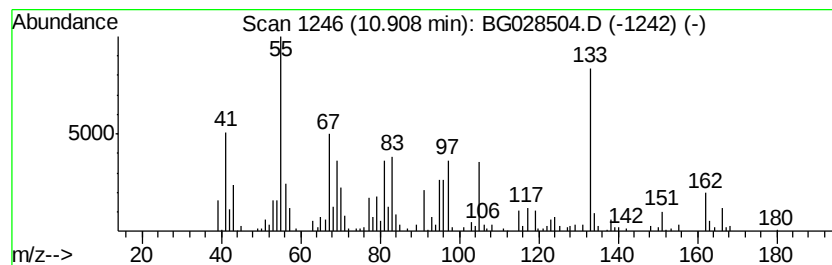
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-03 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	13.91 ng/ul	293986	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	45
2		Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	22
3		10-Dodecenol	184	C12H24O	035237-63-9	22
4		1-Phenylcyclopentanol-1	162	C11H14O	010487-96-4	20
5		1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

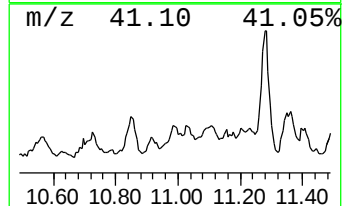
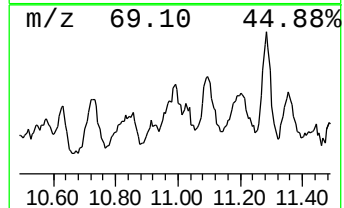
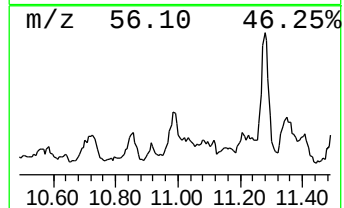
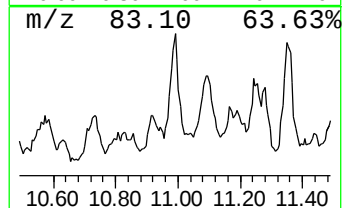
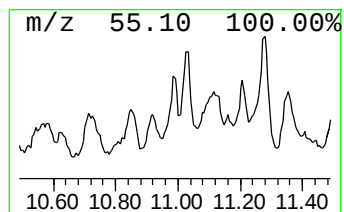
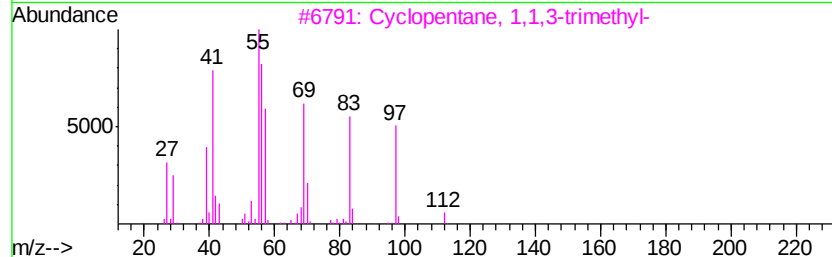
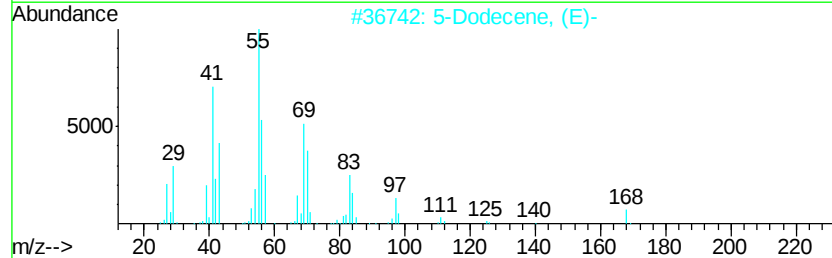
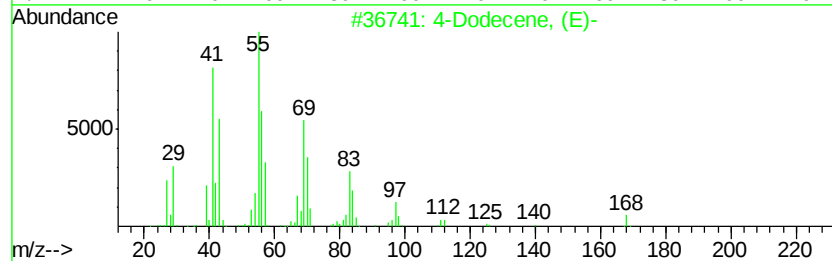
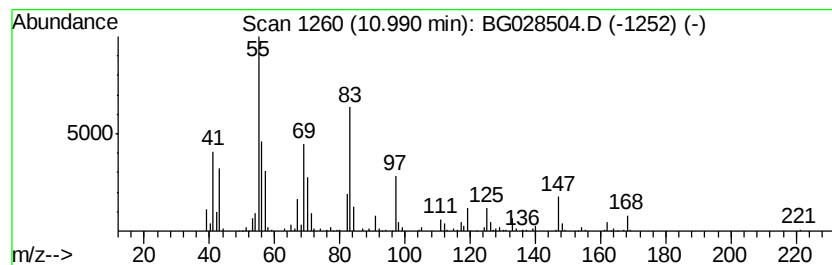
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic10.99 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	14.40 ng/ul	304484	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	4	Dodecene, (E)-	168	C12H24	007206-15-7	49
2	5	Dodecene, (E)-	168	C12H24	007206-16-8	46
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
4		cis-2-Nonene	126	C9H18	006434-77-1	43
5		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

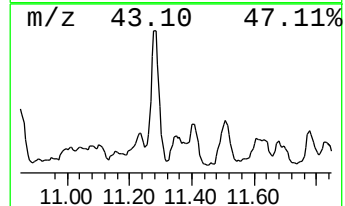
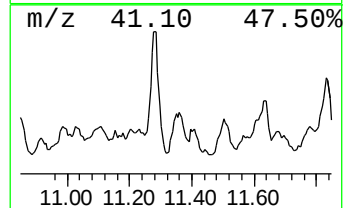
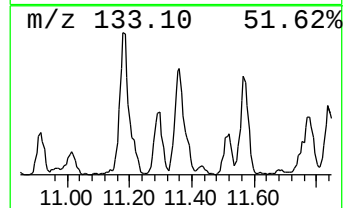
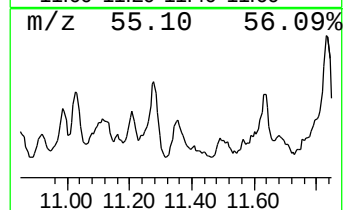
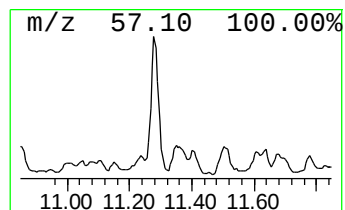
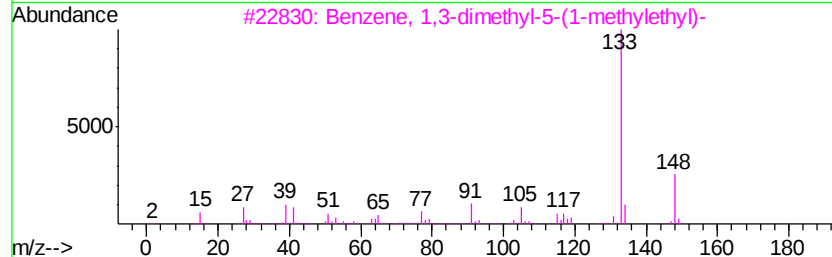
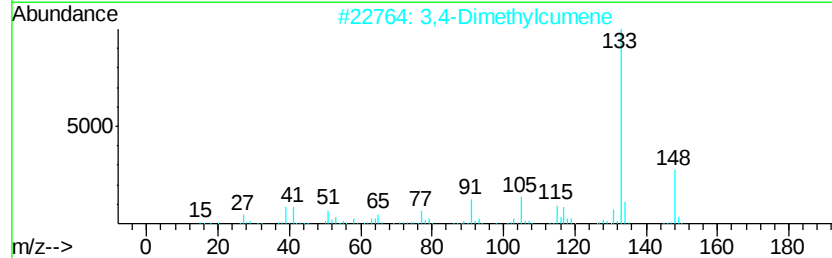
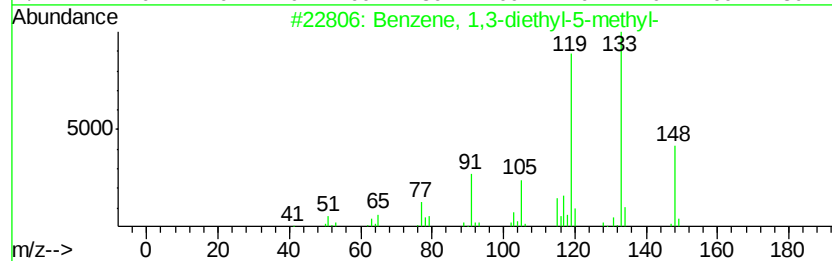
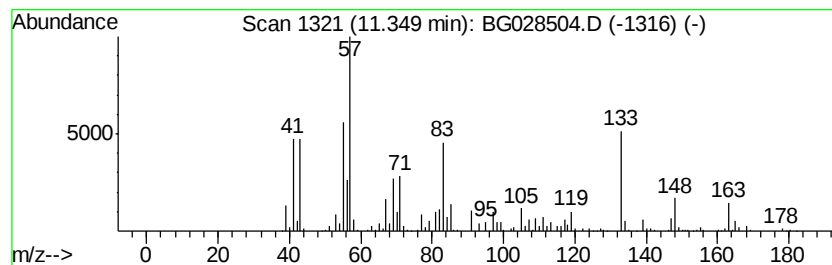
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	34.45 ng/ul	728201	Naphthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	42
2			3,4-Dimethylcumene	148	C11H16	1000370-34-1	42
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	42
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	41
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

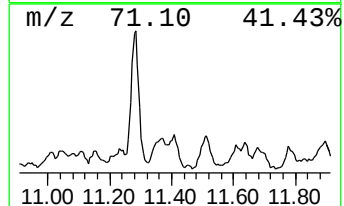
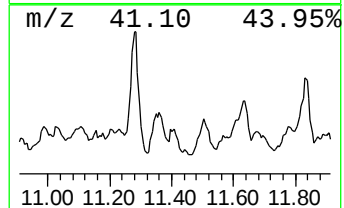
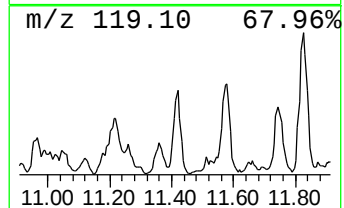
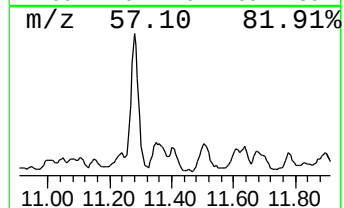
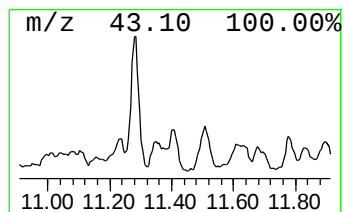
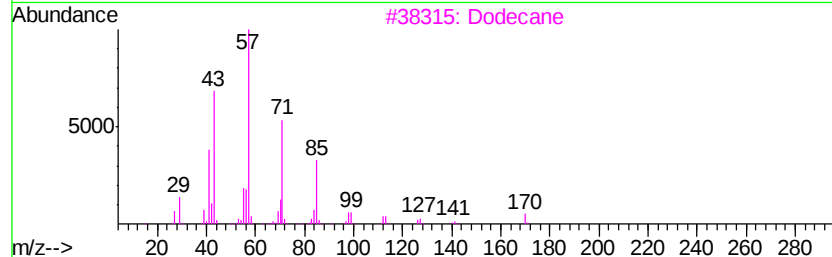
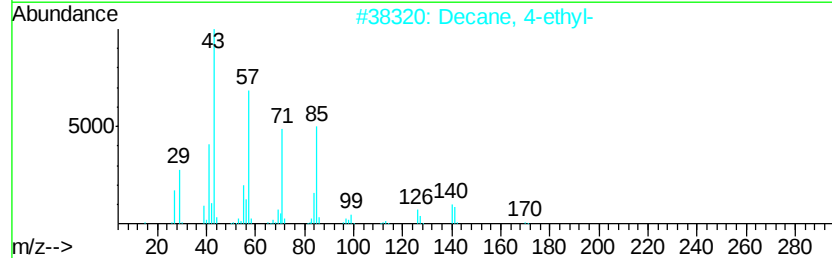
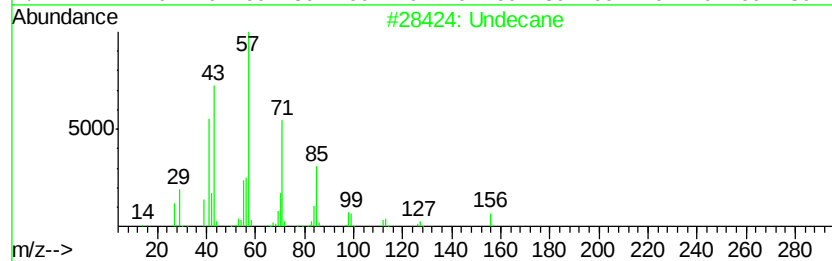
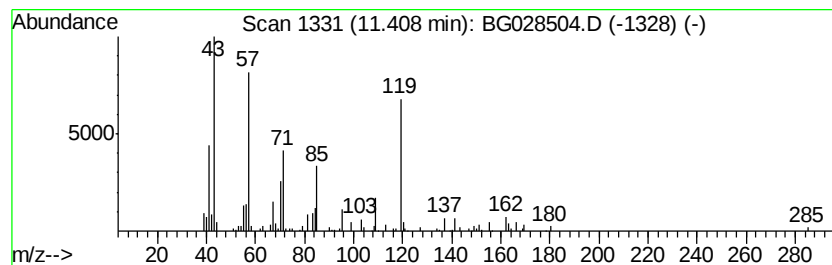
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	8.92 ng/ul	188552	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	43
2			Decane, 4-ethyl-	170	C12H26	001636-44-8	38
3			Dodecane	170	C12H26	000112-40-3	38
4			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	38
5			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

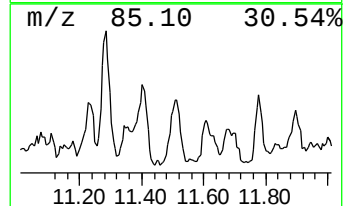
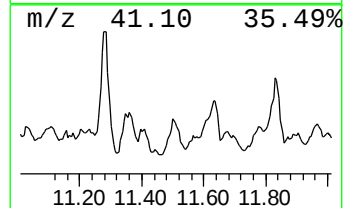
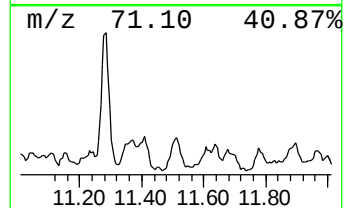
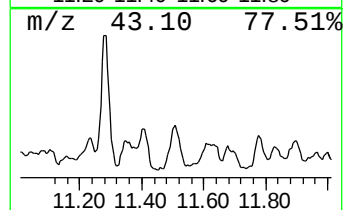
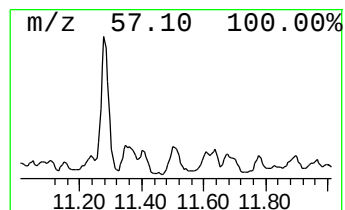
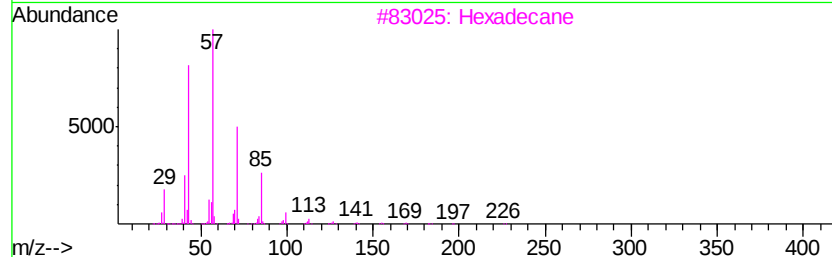
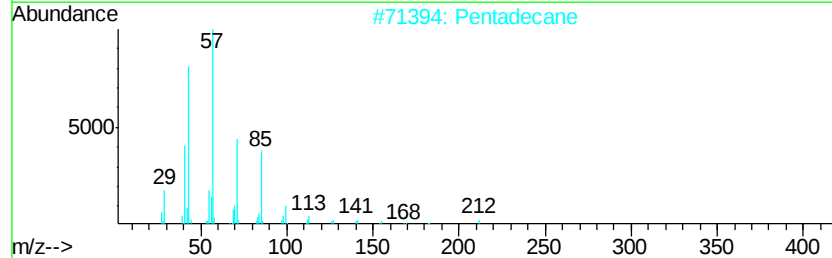
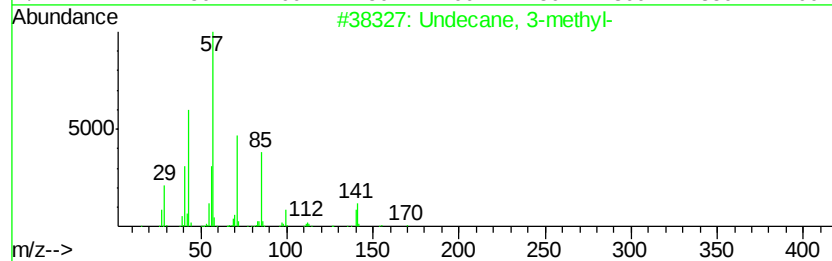
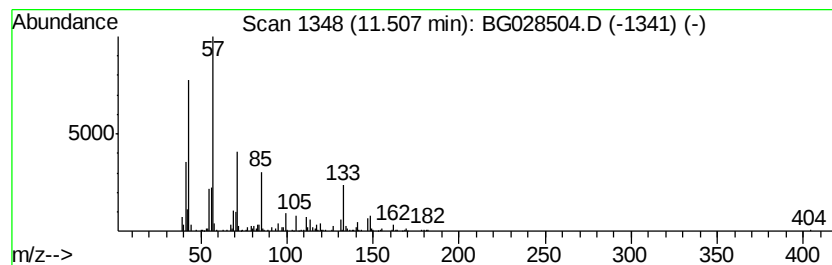
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	23.93 ng/ul	505726	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	68
2		Pentadecane	212	C15H32	000629-62-9	53
3		Hexadecane	226	C16H34	000544-76-3	52
4		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	50
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

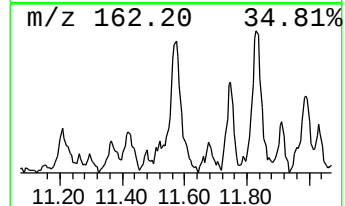
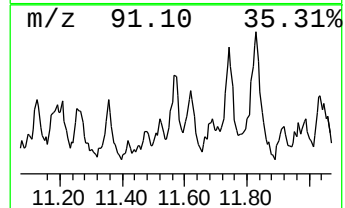
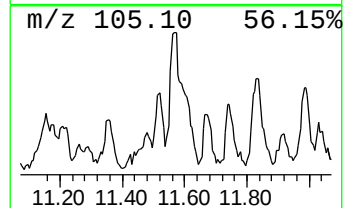
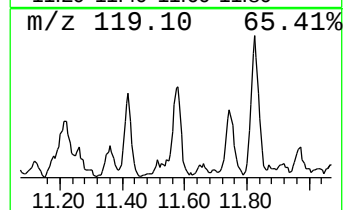
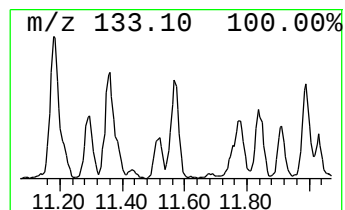
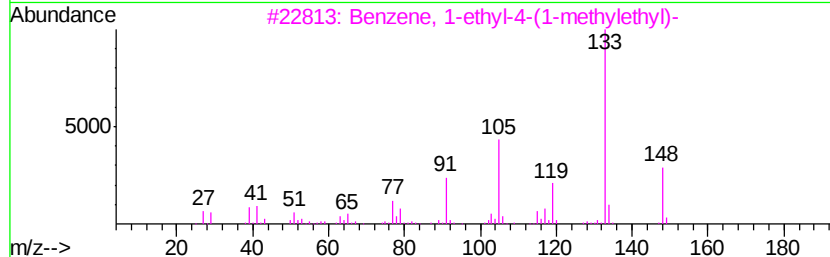
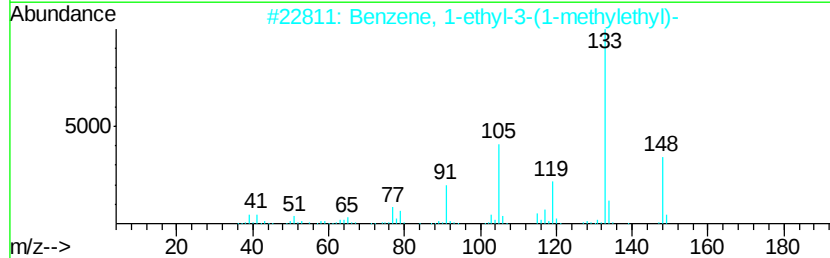
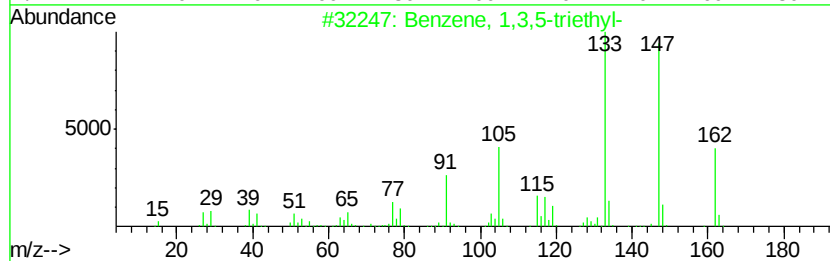
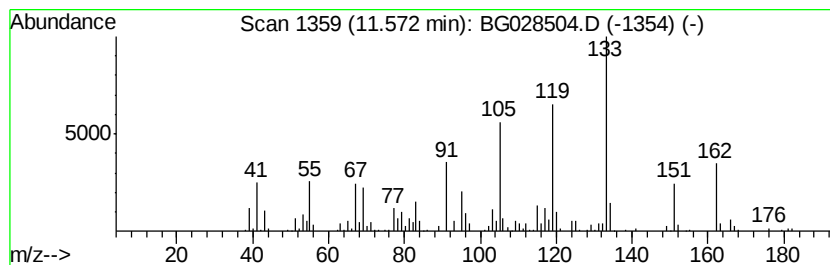
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1,3,5-triethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	16.05 ng/ul	339178	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	50
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4		4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	43
5		Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

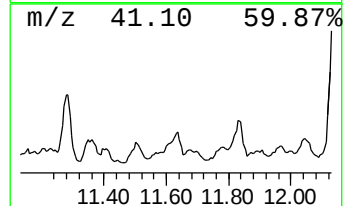
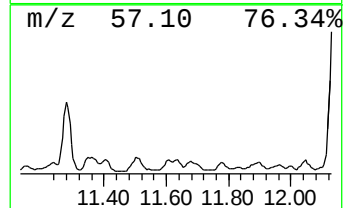
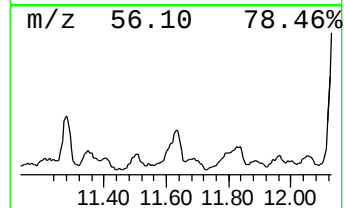
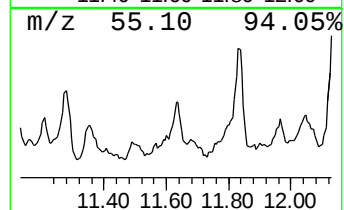
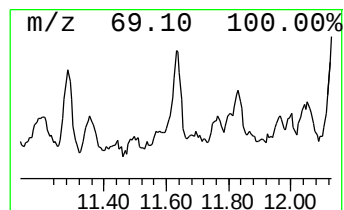
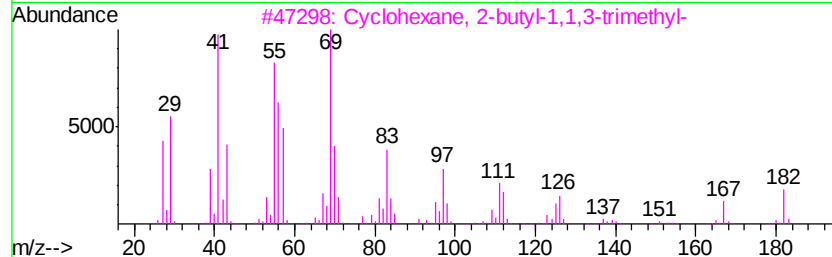
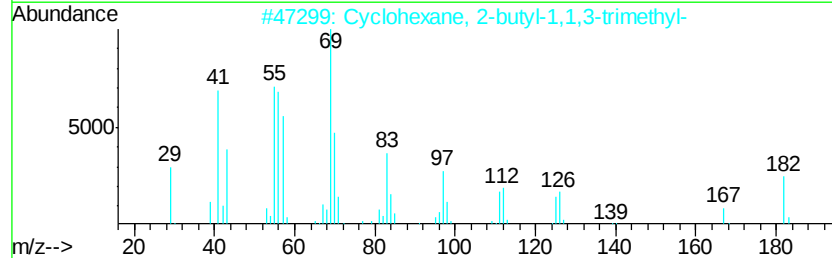
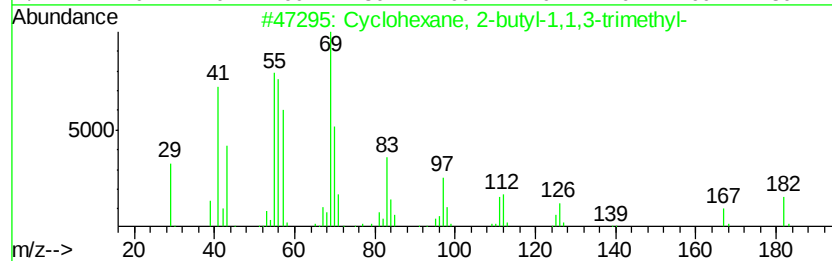
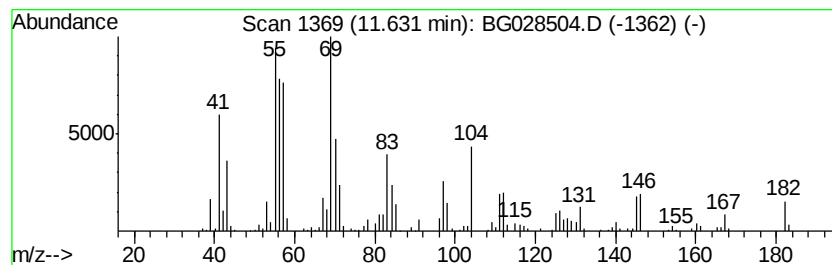
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic11.63 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	41.45 ng/ul	876218	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	98
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
3		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
4		6-Tridecene, (E)-	182	C13H26	006434-76-0	90
5		Cyclopentane, propyl-	112	C8H16	002040-96-2	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

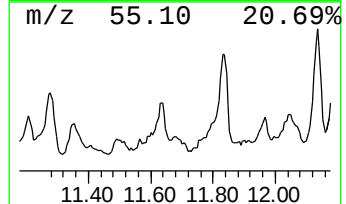
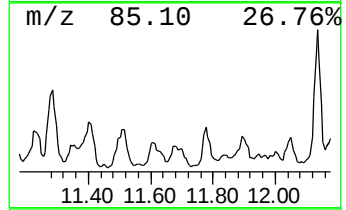
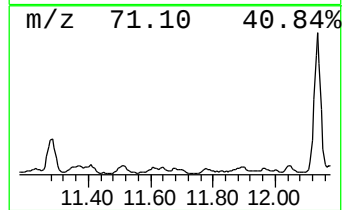
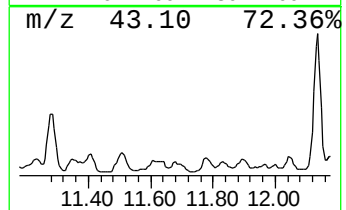
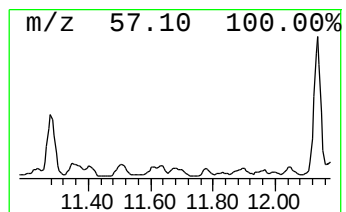
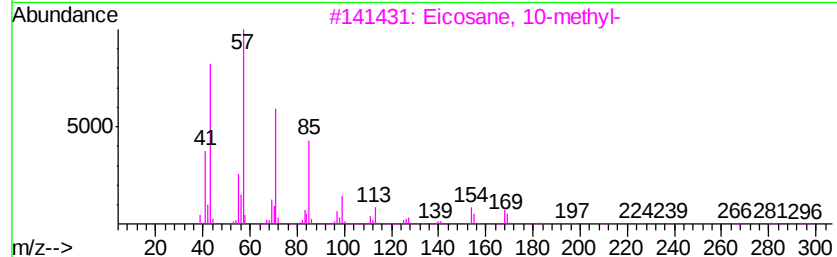
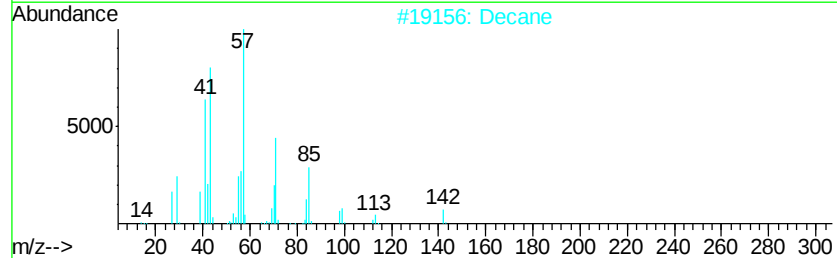
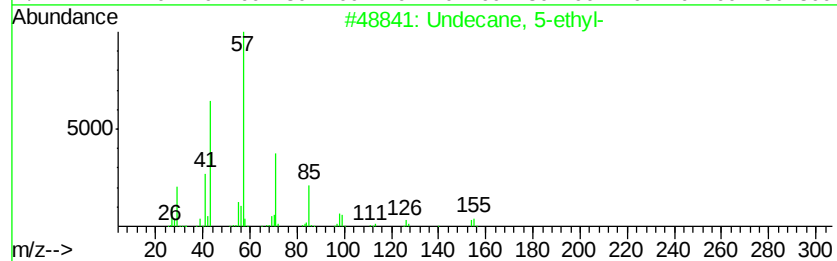
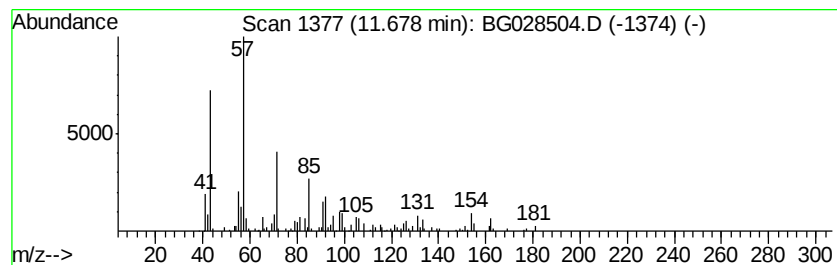
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	10.61 ng/ul	224310	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
2			Decane	142	C10H22	000124-18-5	59
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
4			Heptadecane	240	C17H36	000629-78-7	53
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

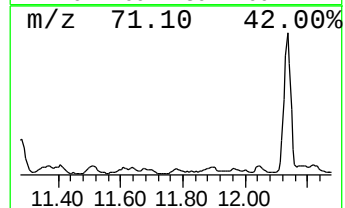
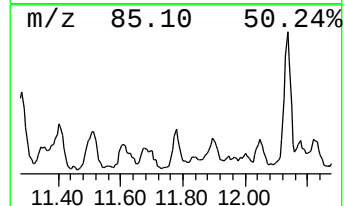
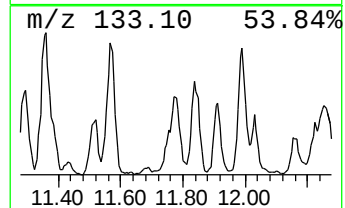
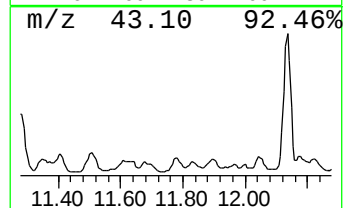
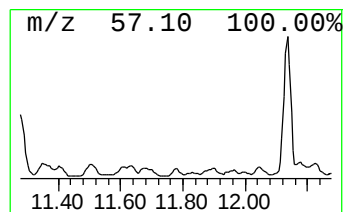
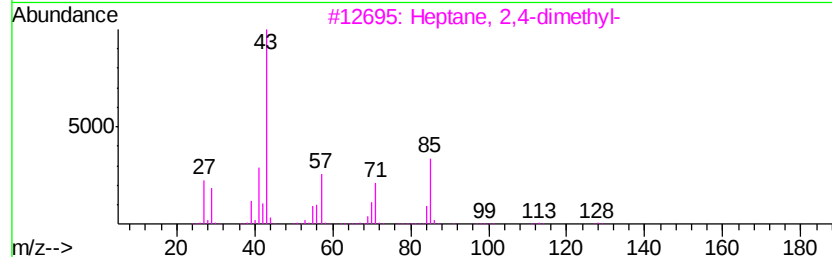
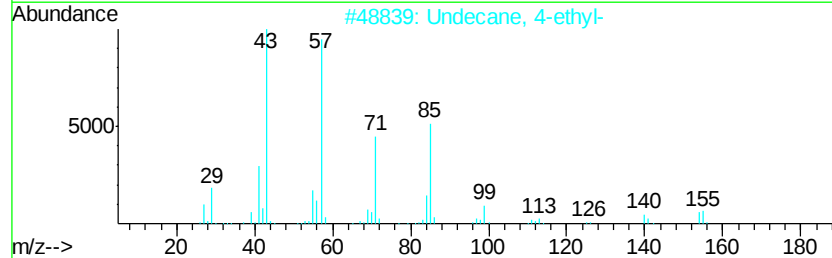
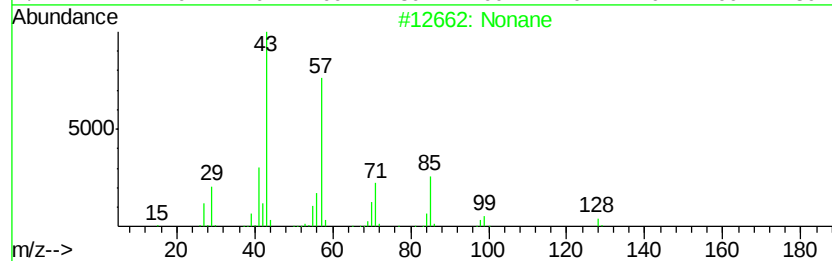
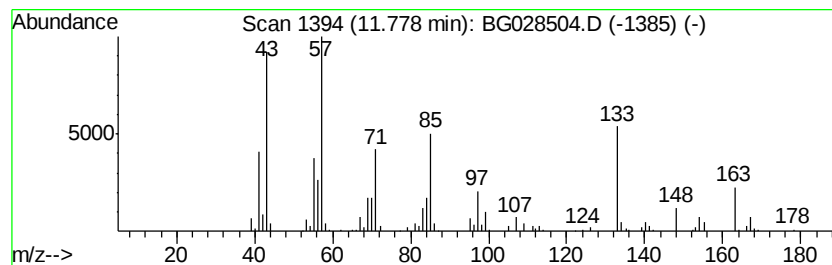
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	13.52 ng/ul	285748	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	47
2		Undecane, 4-ethyl-	184	C13H28	017312-59-3	46
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
4		Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	35
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

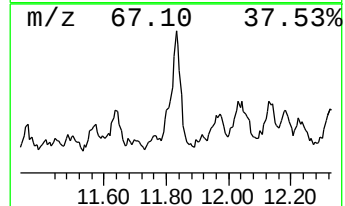
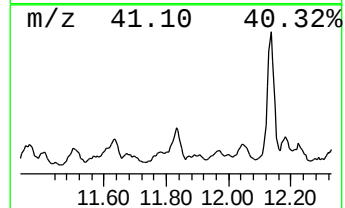
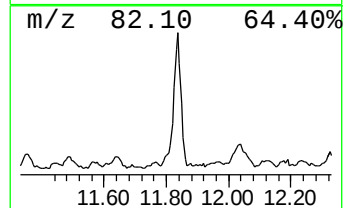
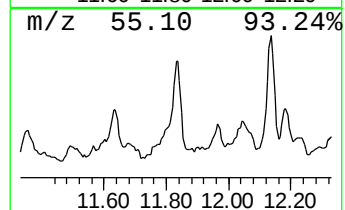
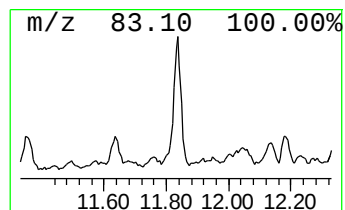
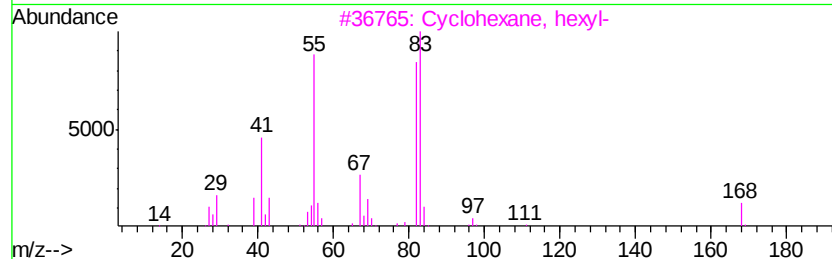
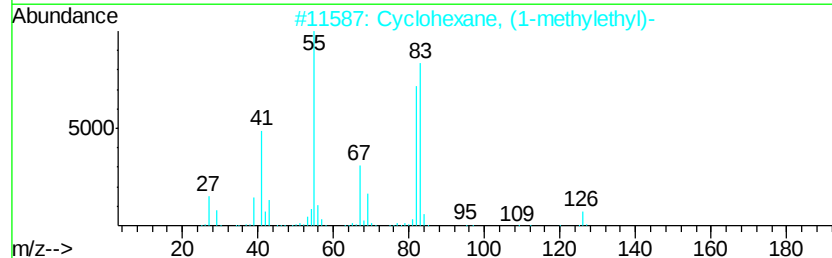
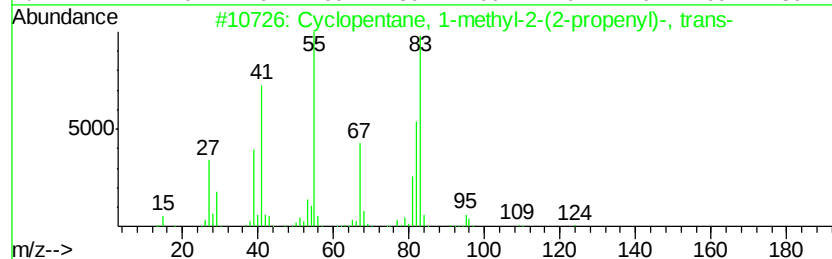
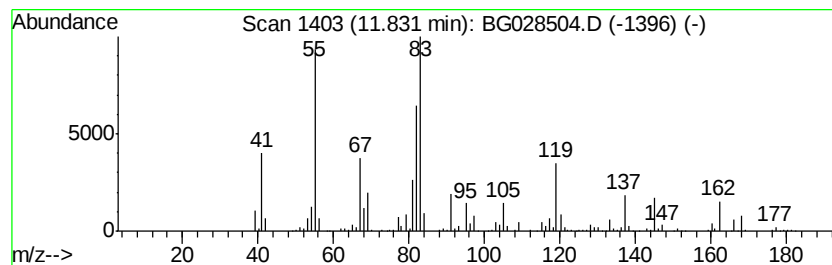
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Cyclopentane, 1-methyl-2-(2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	52.95 ng/ul	1119210	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
4		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	53
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

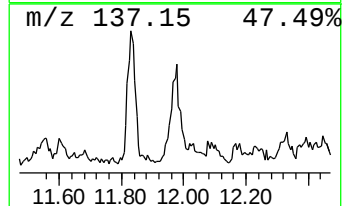
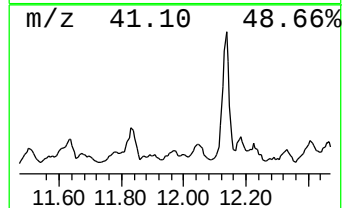
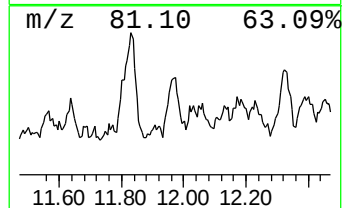
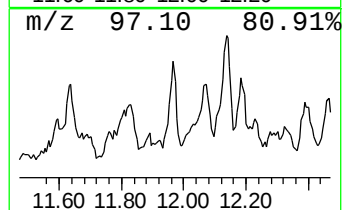
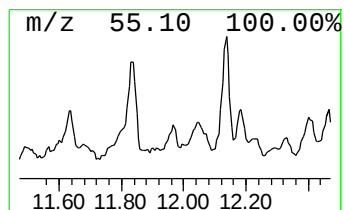
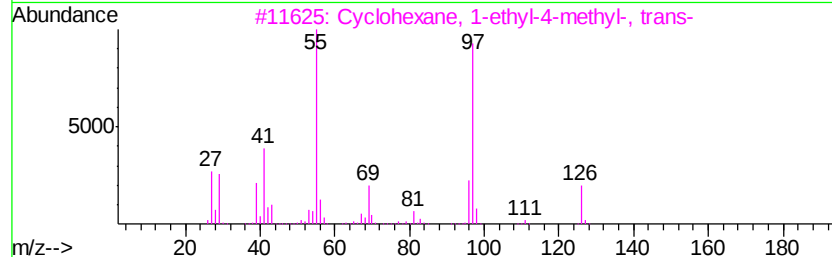
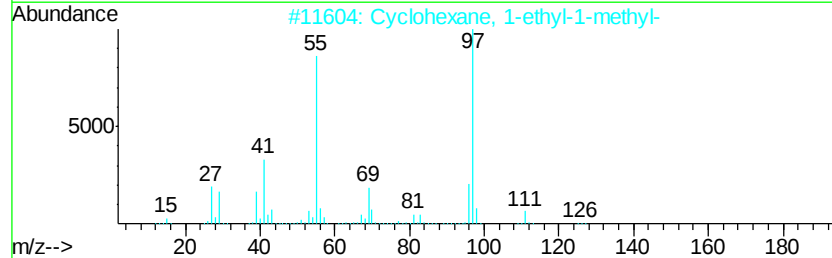
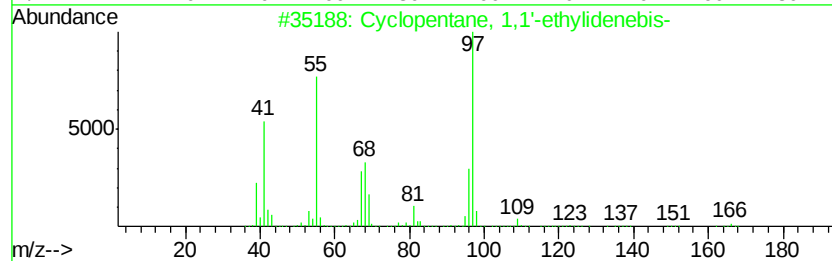
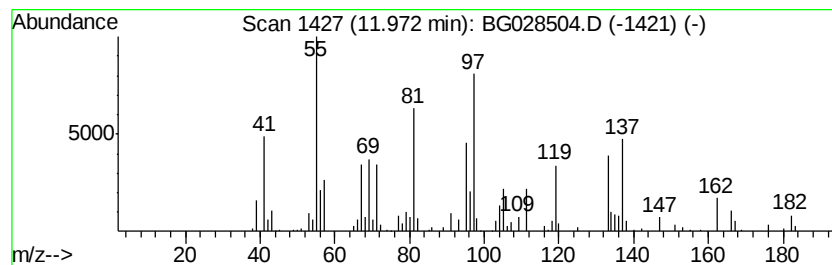
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	18.62 ng/ul	393515	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	35
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	27
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	27
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	27
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

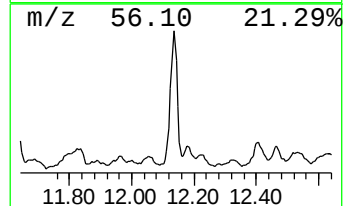
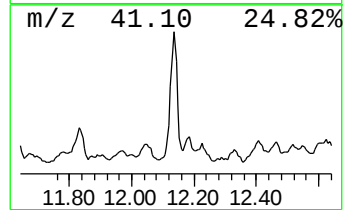
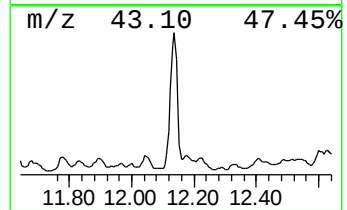
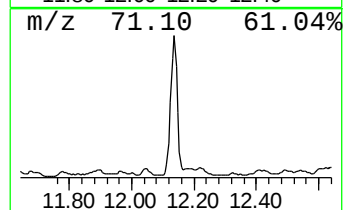
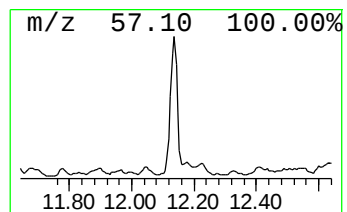
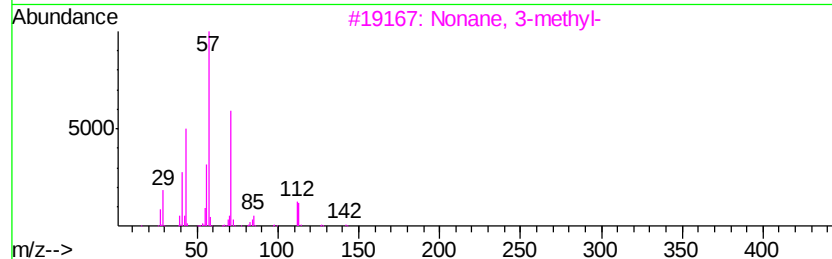
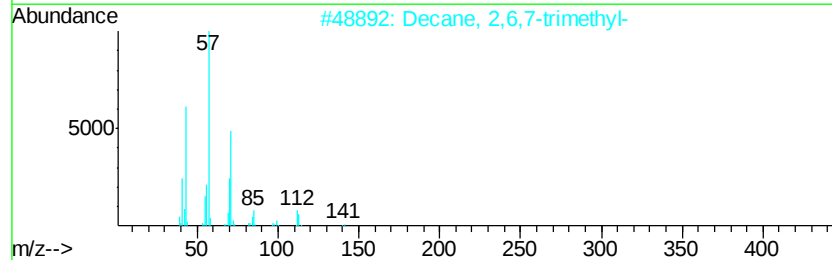
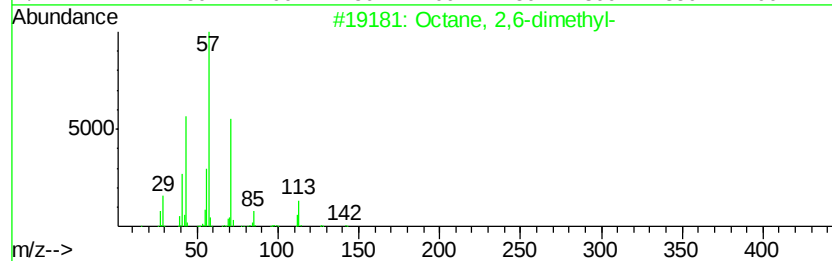
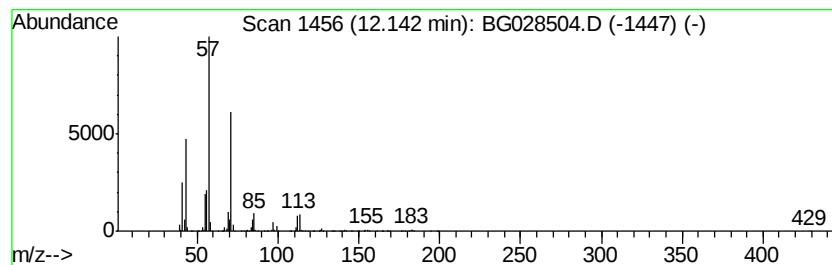
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	136.12 ng/ul	2877320	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	76
4		Bacchotricuneatin c	342	C20H2205	066563-30-2	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

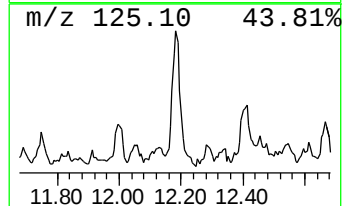
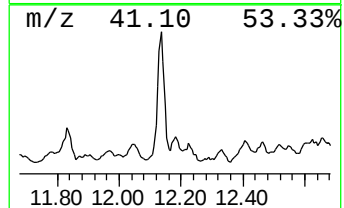
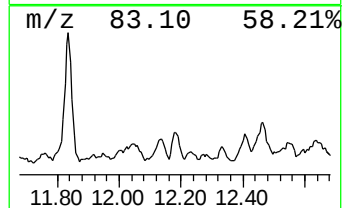
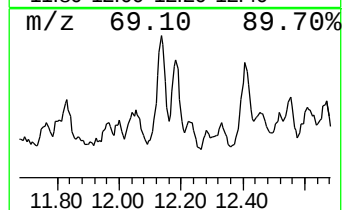
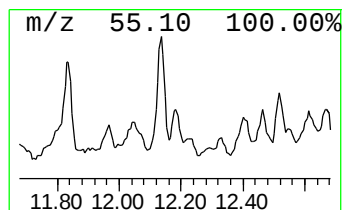
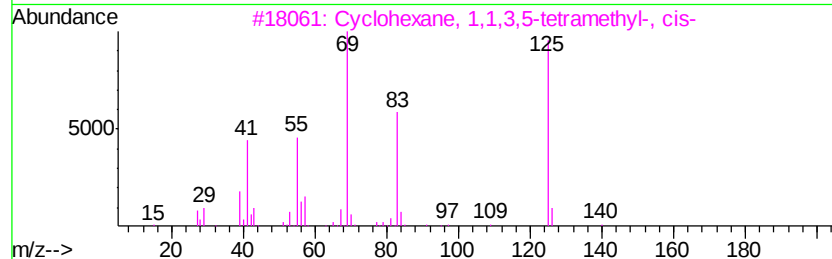
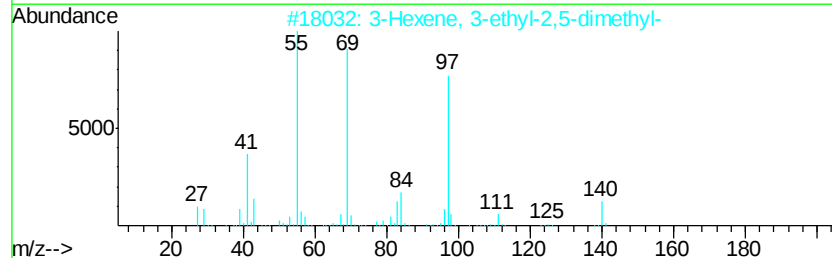
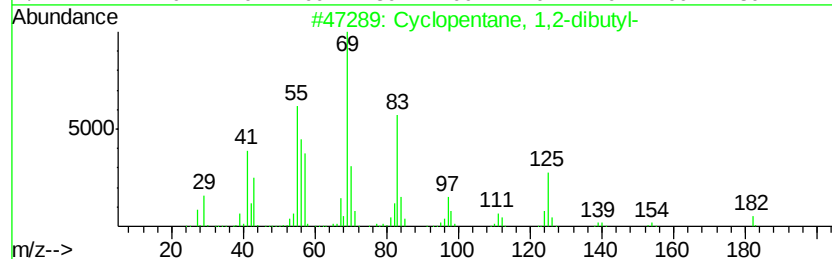
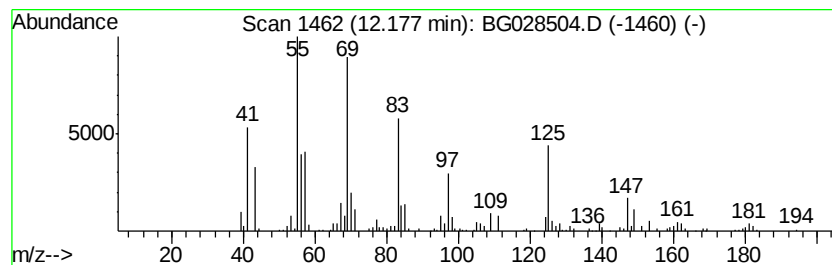
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic12.18 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	25.08 ng/ul	530184	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	43
2		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	38
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
4		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	38
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

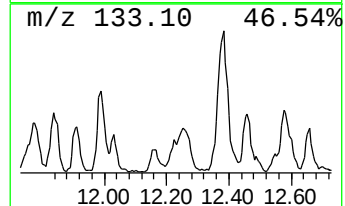
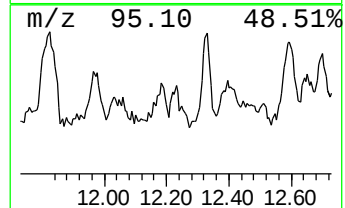
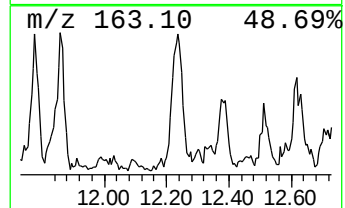
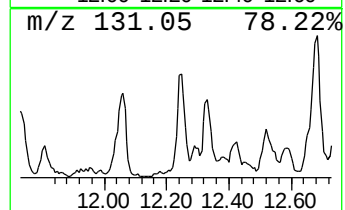
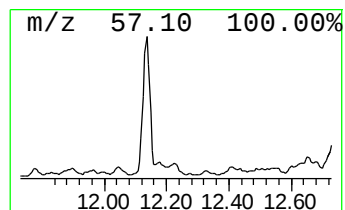
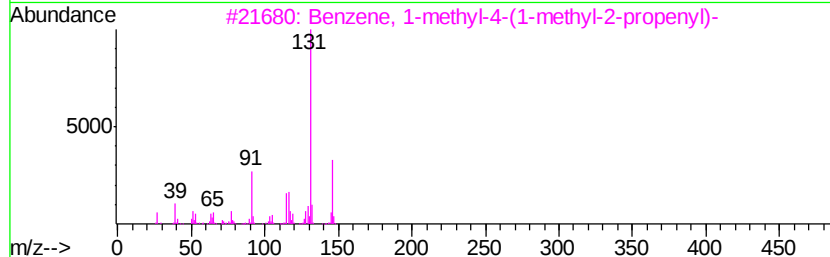
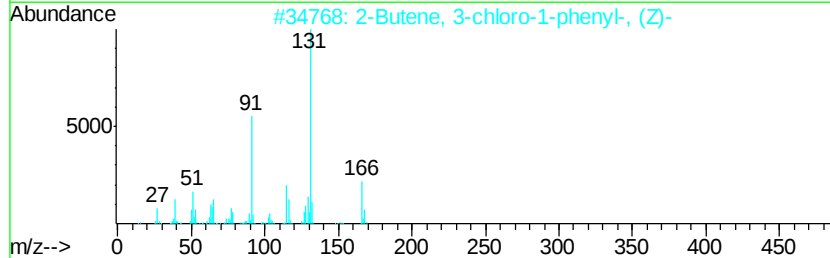
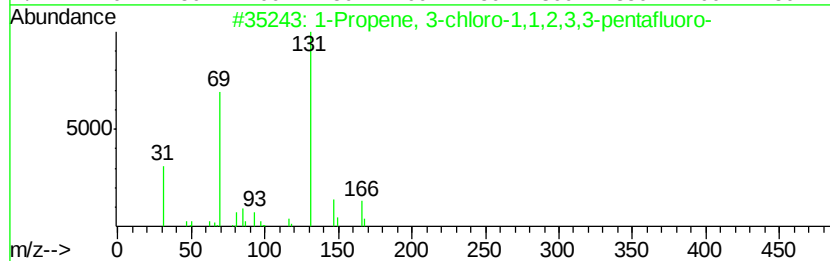
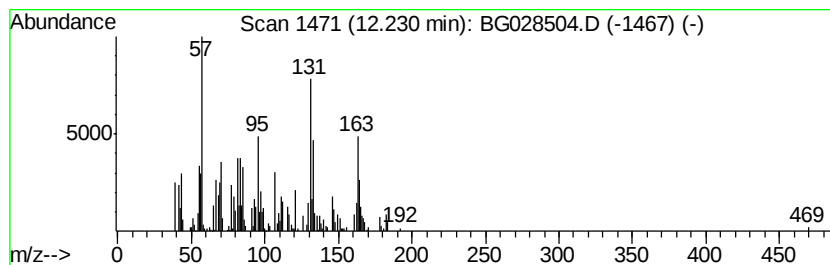
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	20.61 ng/ul	435653	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propene, 3-chloro-1,1,2,3,3-pe...	166	C3ClF5	000079-47-0	14
2		2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	11
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	11
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	11
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
B0AQ2

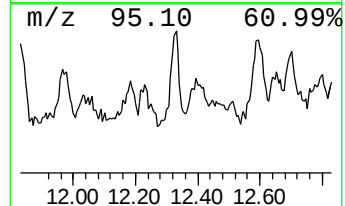
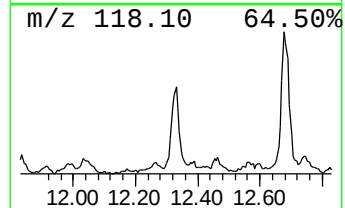
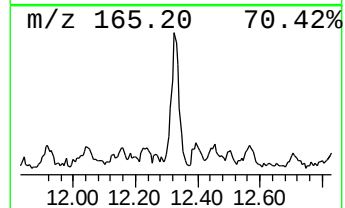
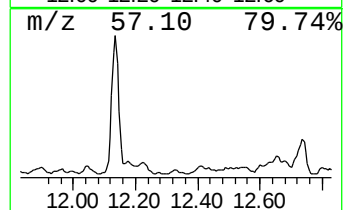
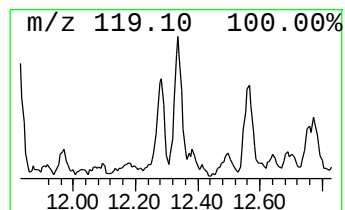
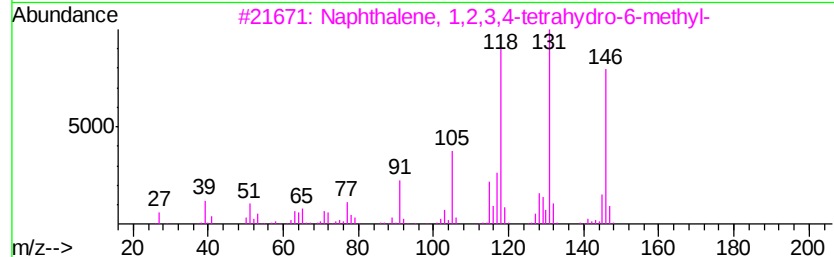
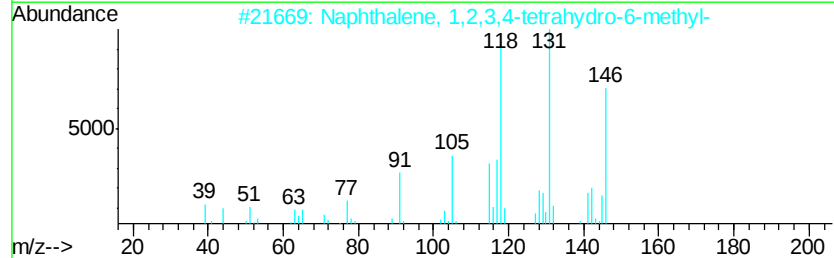
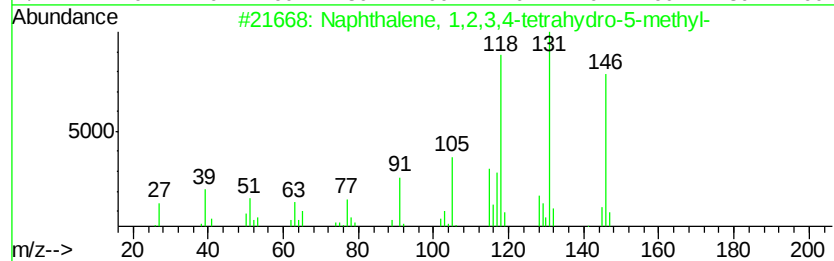
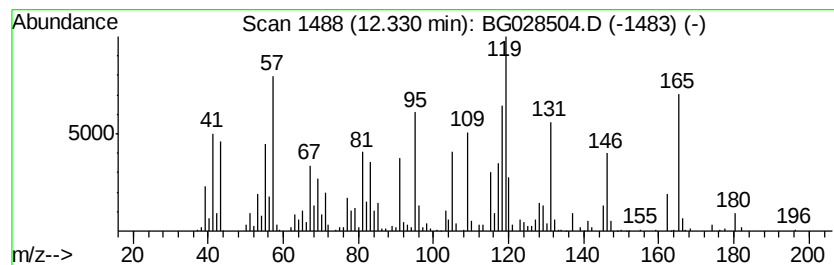
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Naphthalene, 1,2,3,4-tetra... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	21.24 ng/ul	448972	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	80
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

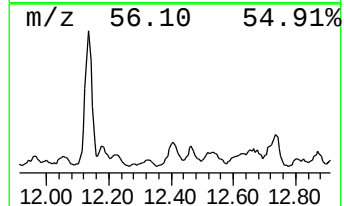
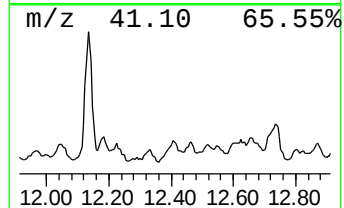
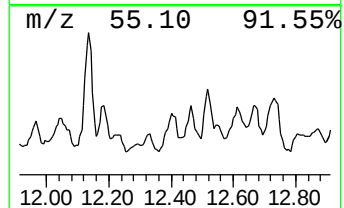
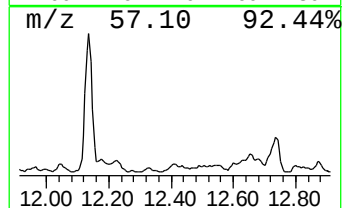
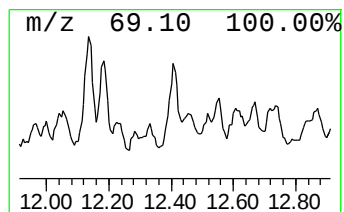
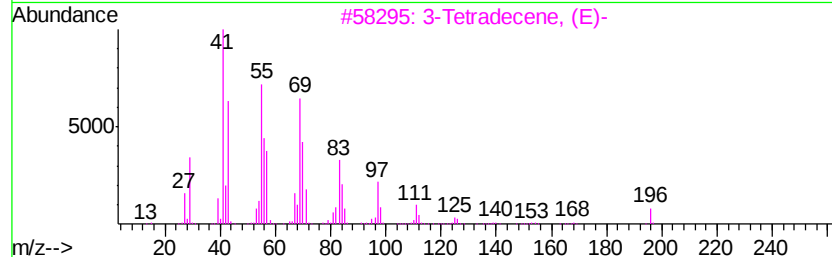
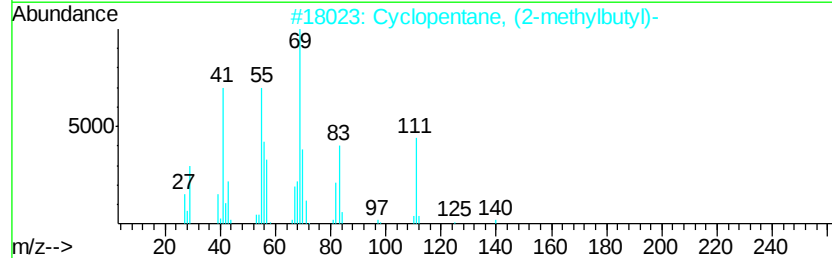
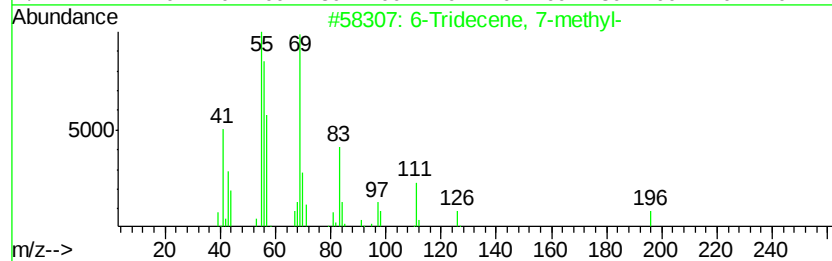
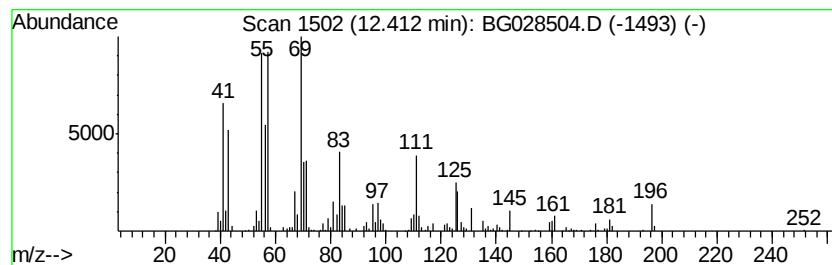
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic12.41 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	38.33 ng/ul	810141	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	72
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	68
3		3-Tetradecene, (E)-	196	C14H28	041446-68-8	58
4		3-Tetradecene, (E)-	196	C14H28	041446-68-8	58
5		3-Tetradecene, (E)-	196	C14H28	041446-68-8	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

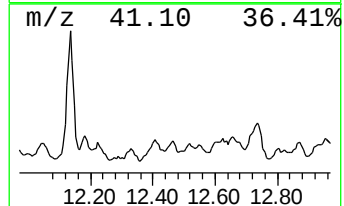
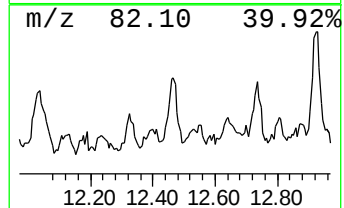
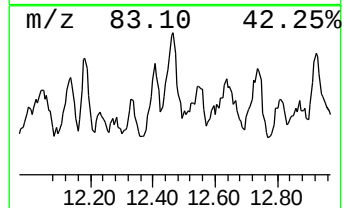
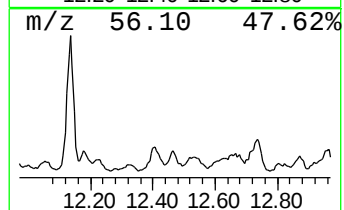
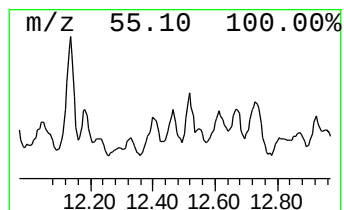
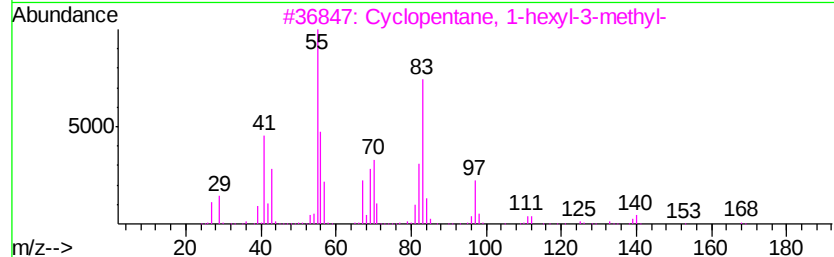
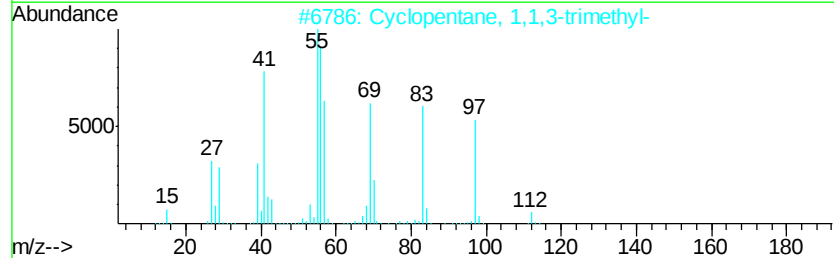
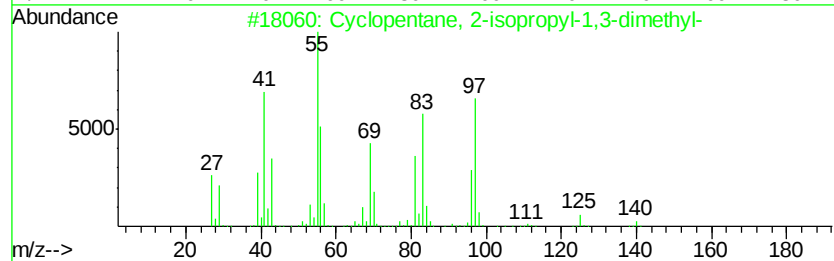
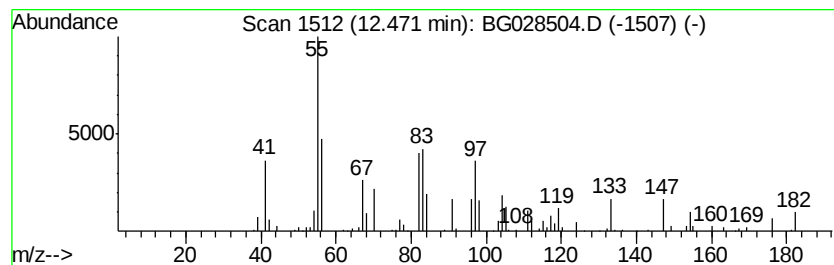
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic12.47 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	9.75 ng/ul	206045	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	47
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
3		Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	43
4		3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	38
5		Cycloheptane, methyl-	112	C8H16	004126-78-7	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

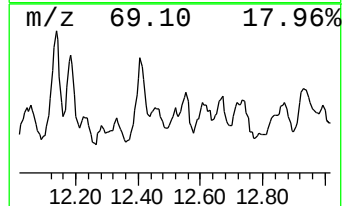
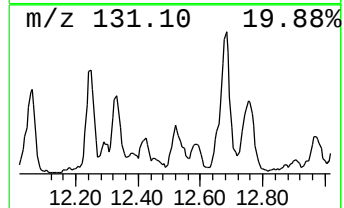
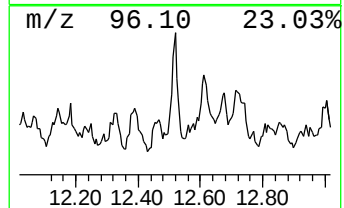
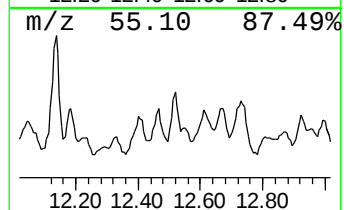
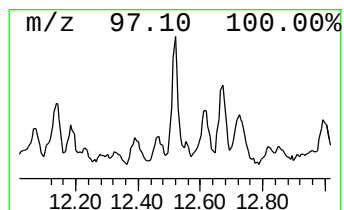
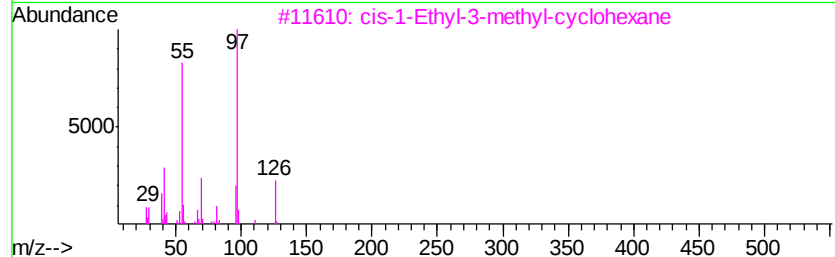
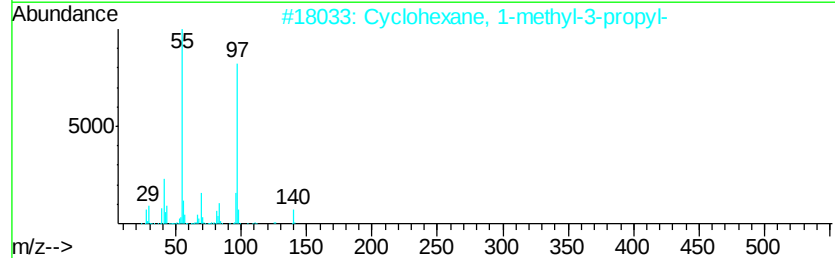
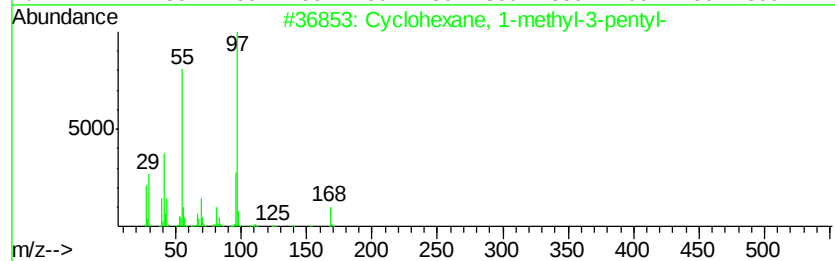
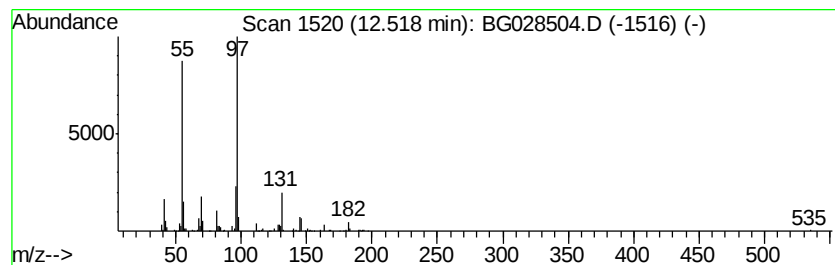
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic12.52 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.76 ng/ul	185163	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

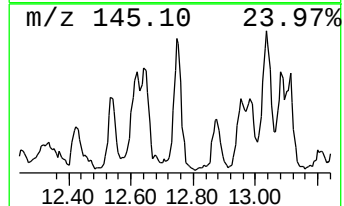
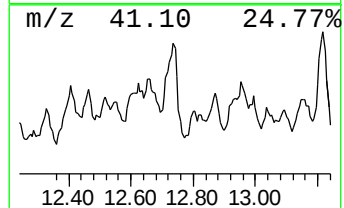
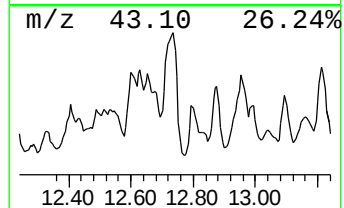
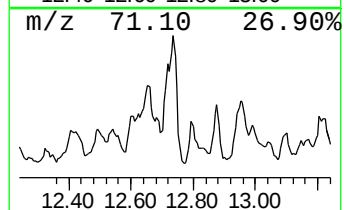
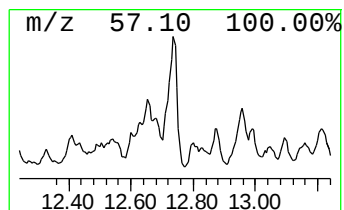
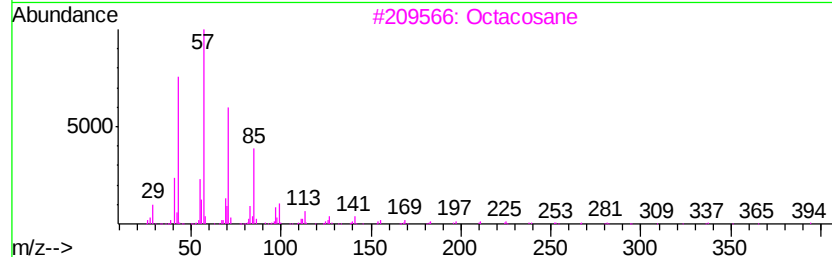
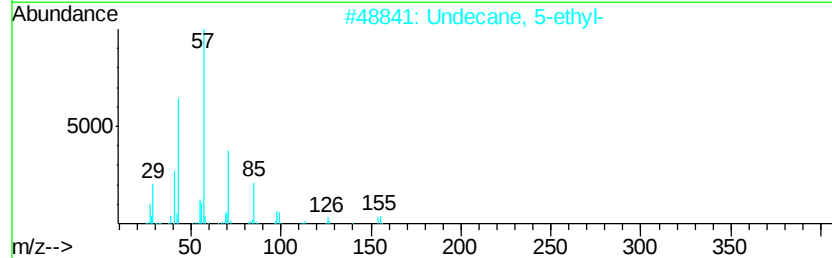
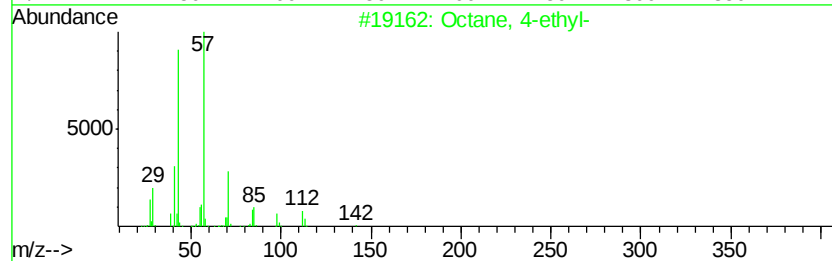
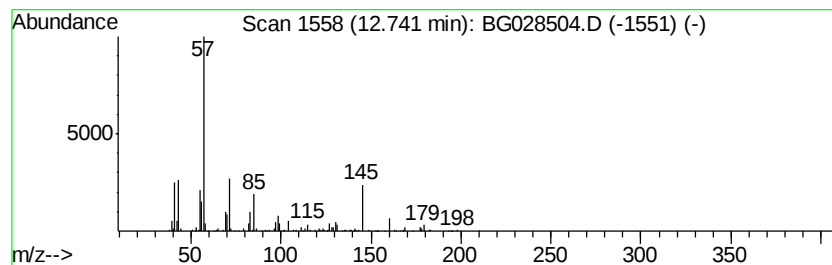
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	60.00 ng/ul	1268310	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
3		Octacosane	394	C28H58	000630-02-4	47
4		Tetradecane	198	C14H30	000629-59-4	43
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

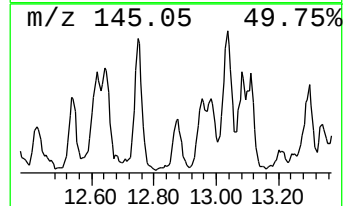
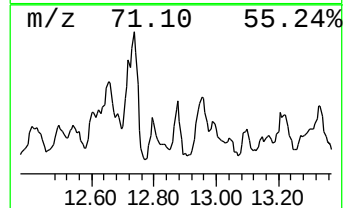
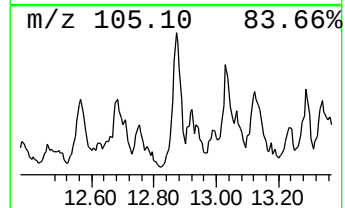
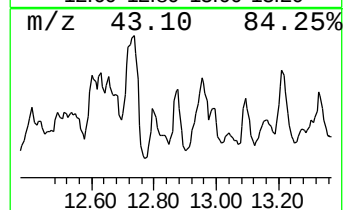
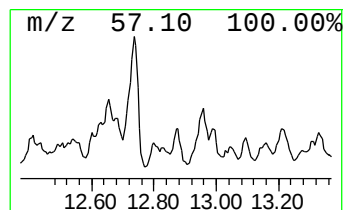
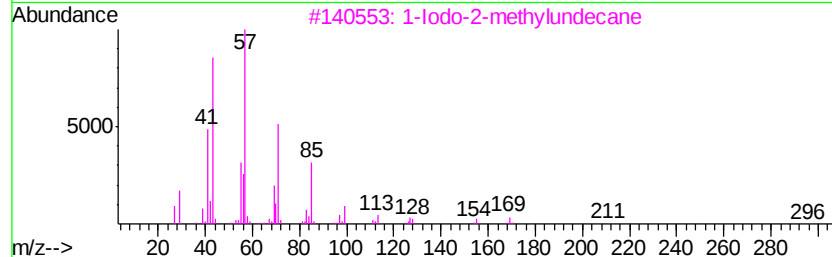
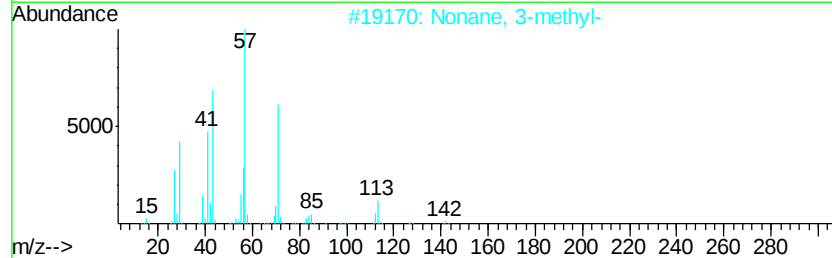
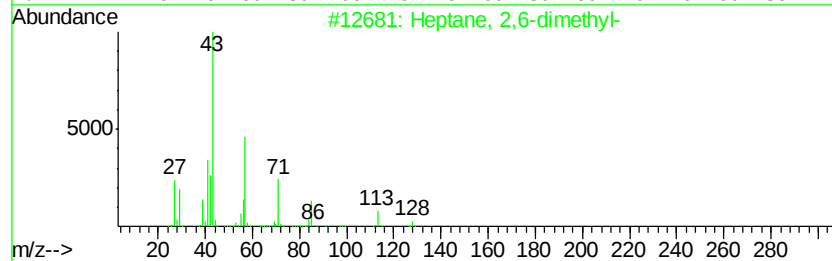
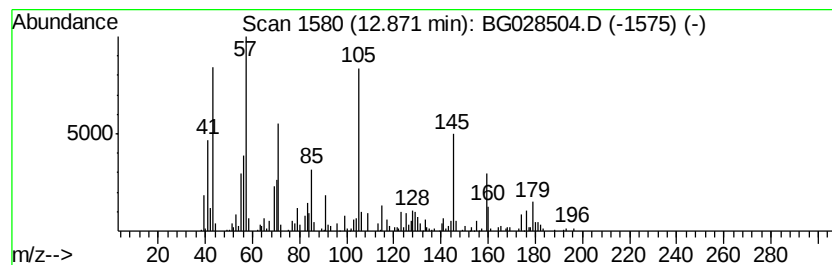
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	18.82 ng/ul	397787	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	43
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	30
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	27
4		Hydroxylamine, 0-decyl-	173	C10H23NO	029812-79-1	25
5		5-Hexen-2-one, 4-methyl-3-phenyl-	188	C13H16O	040931-43-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

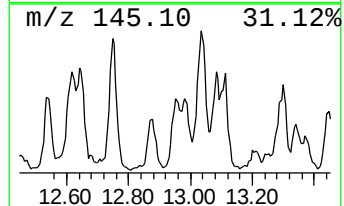
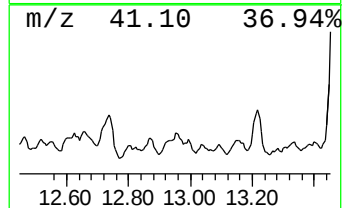
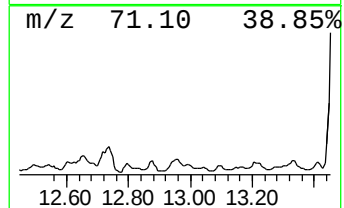
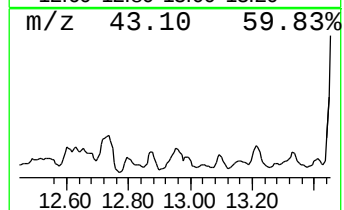
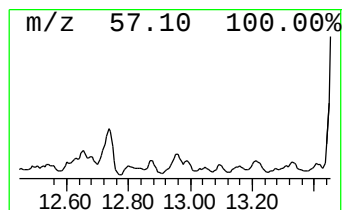
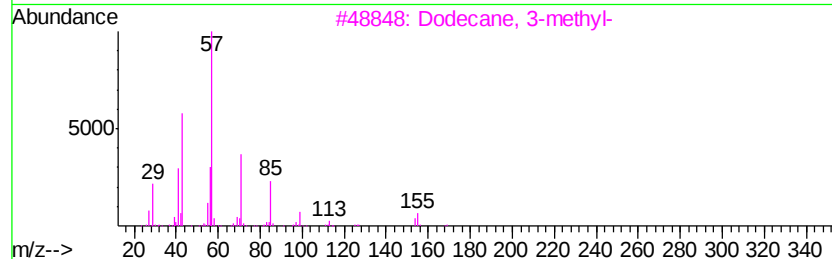
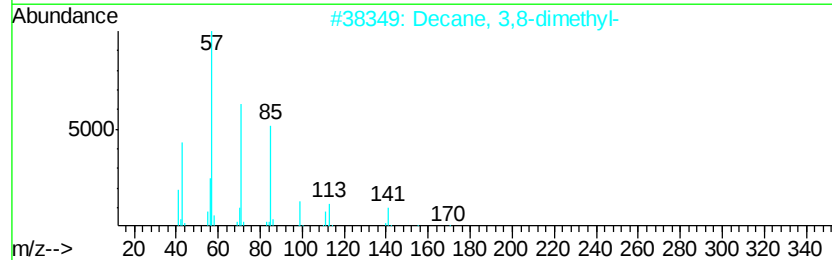
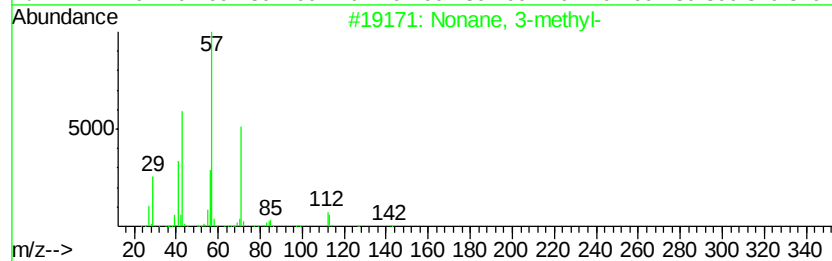
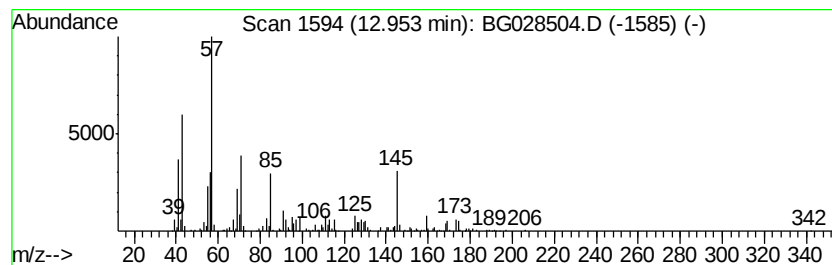
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	41.83 ng/ul	884236	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

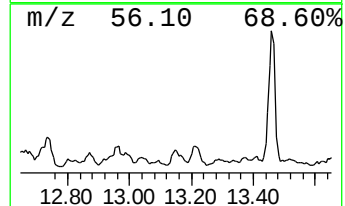
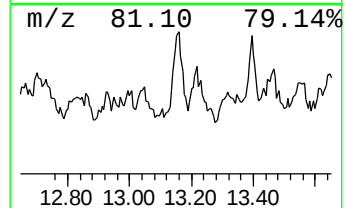
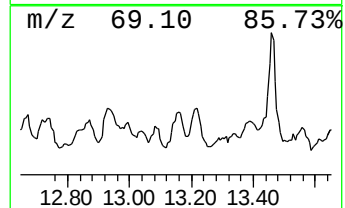
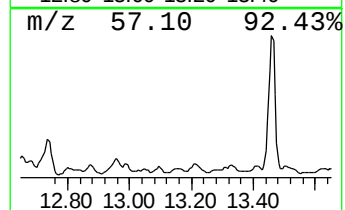
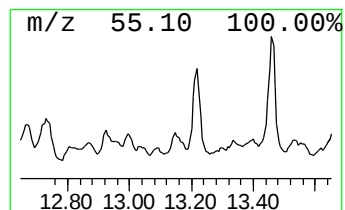
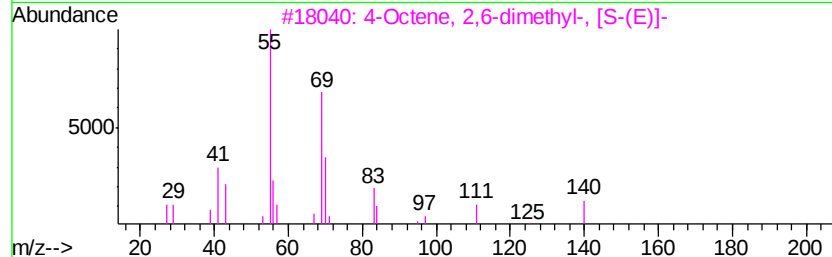
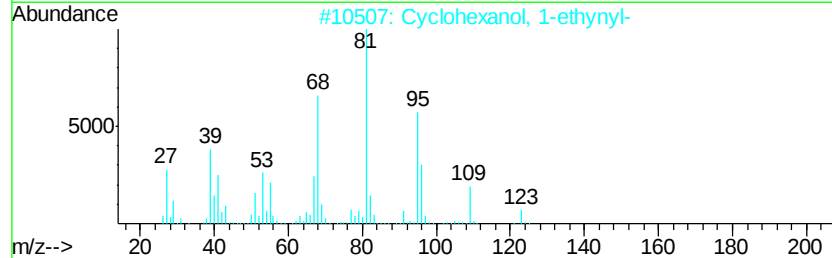
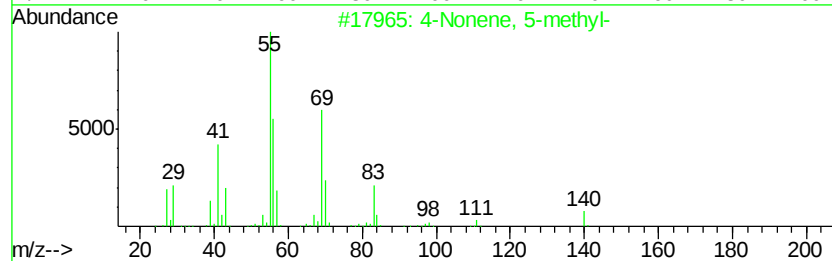
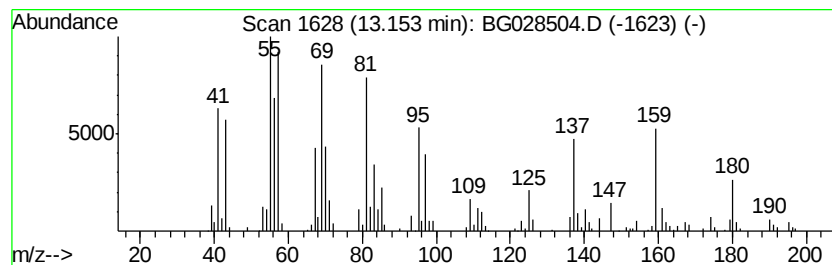
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Cyclic13.15 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	9.35 ng/ul	459235	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	20
2		Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	18
3		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	18
4		2-Decene, 9-methyl-, (Z)-	154	C11H22	074630-24-3	18
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

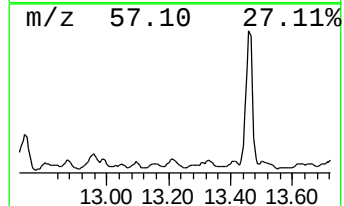
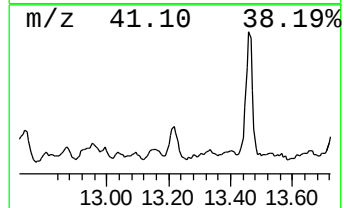
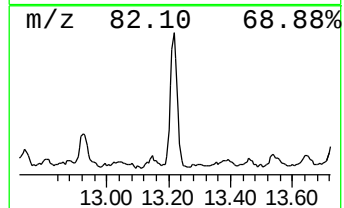
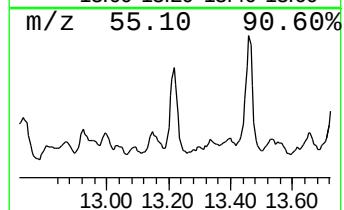
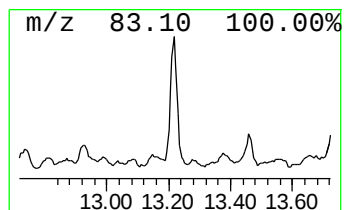
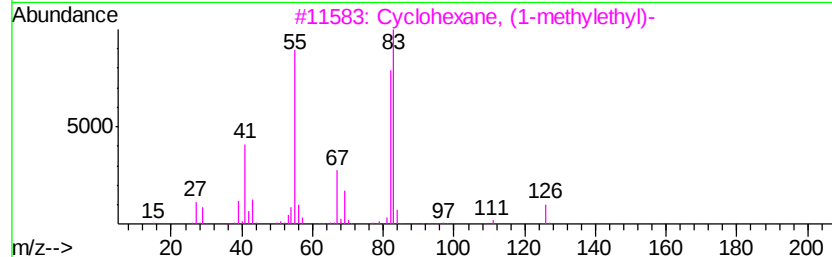
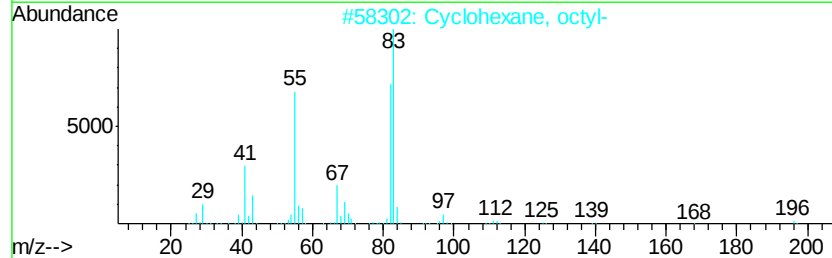
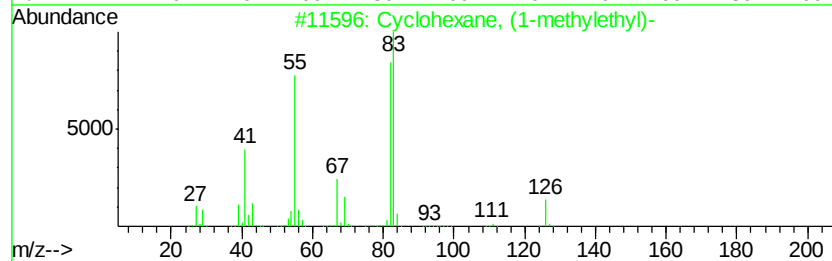
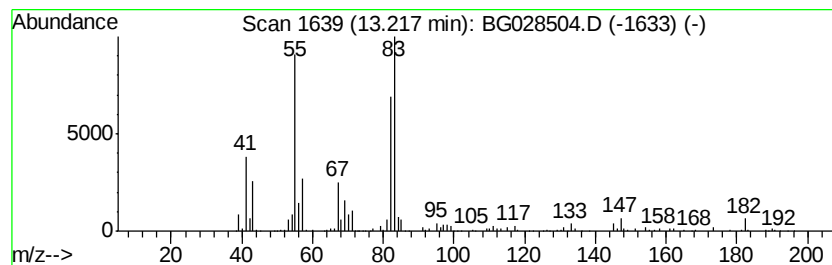
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Cyclic13.22 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	20.18 ng/ul	991515	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	80
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
4		Heptylcyclohexane	182	C13H26	005617-41-4	72
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

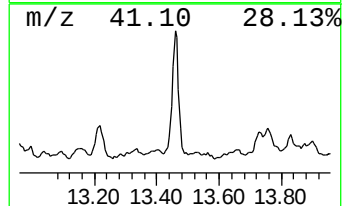
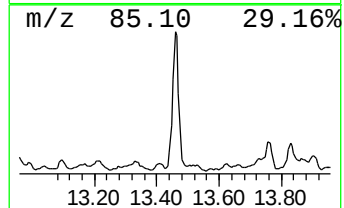
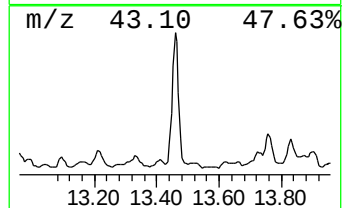
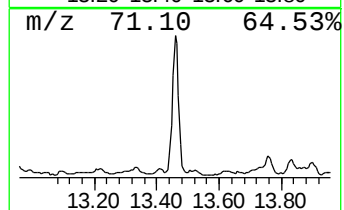
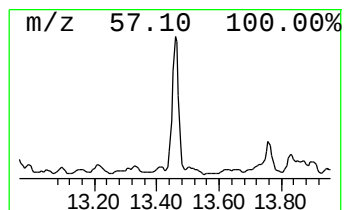
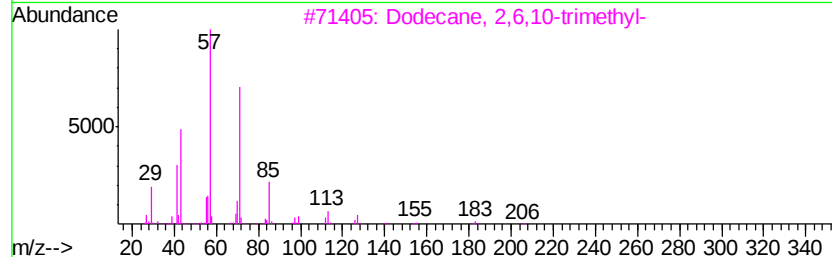
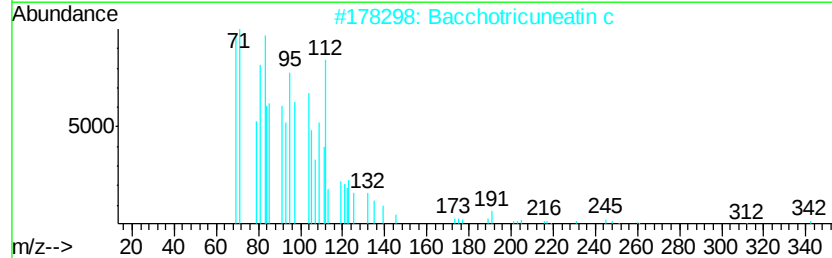
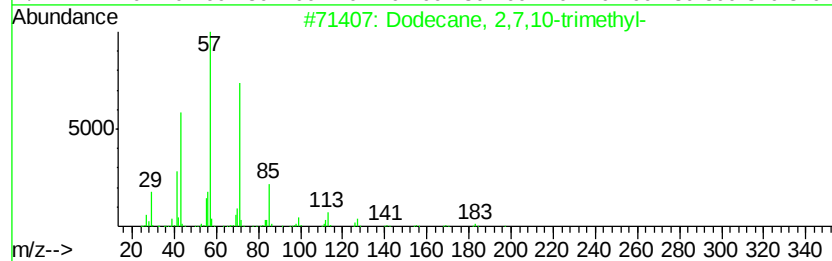
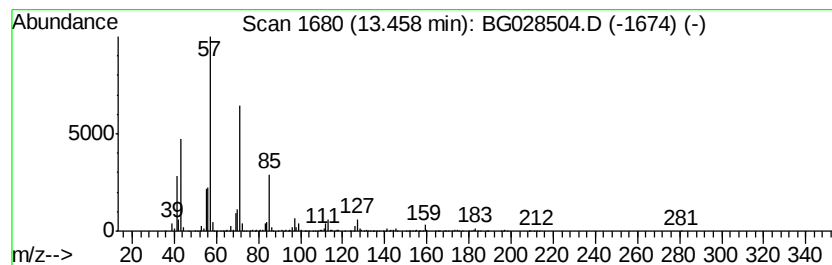
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	75.98 ng/ul	3732340	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

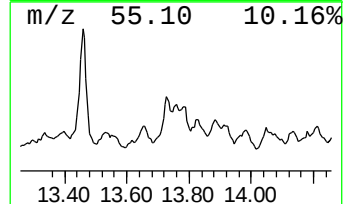
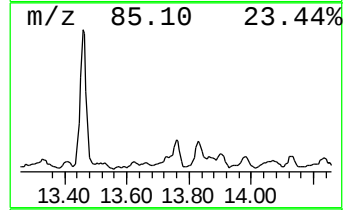
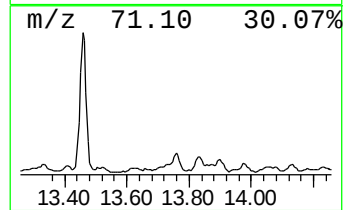
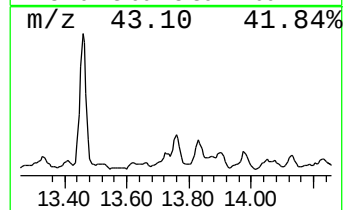
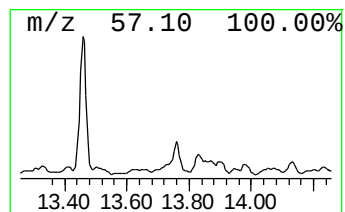
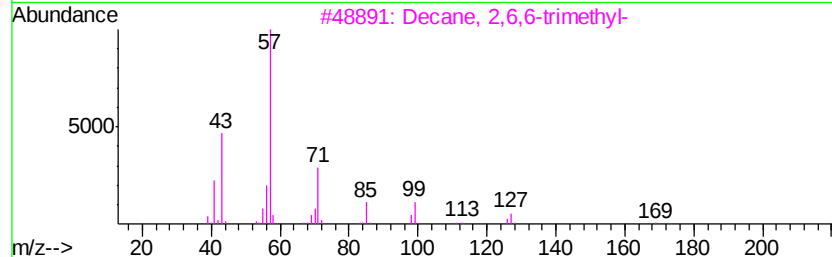
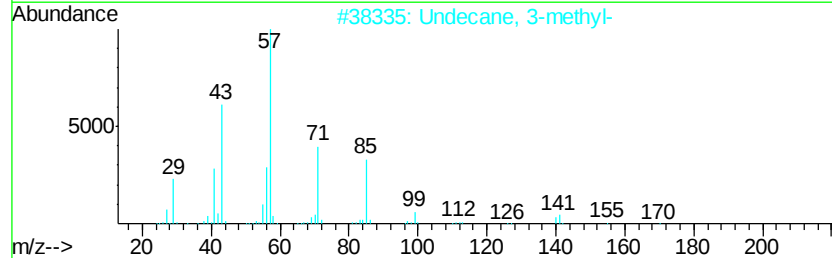
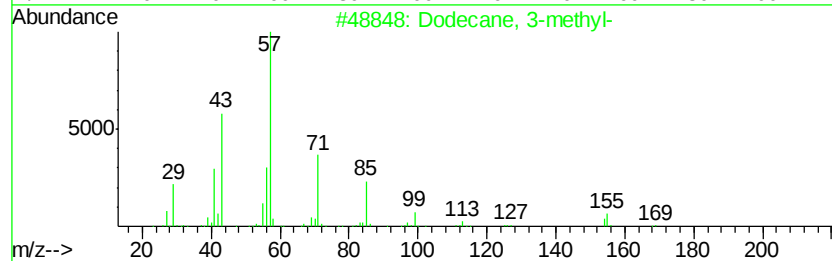
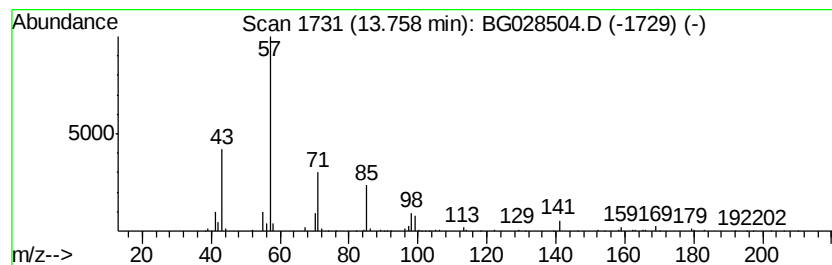
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	13.76 ng/ul	676094	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
5		Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

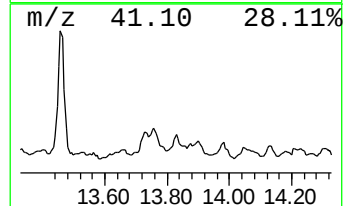
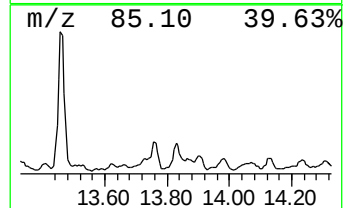
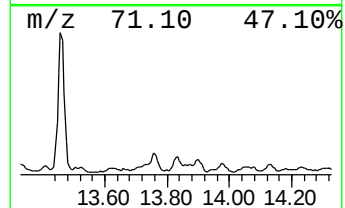
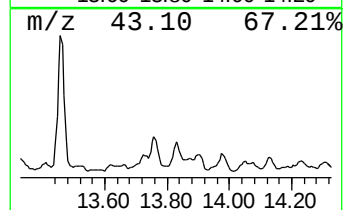
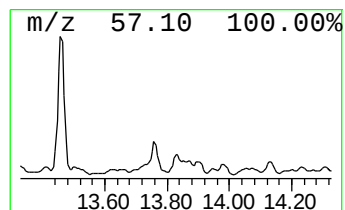
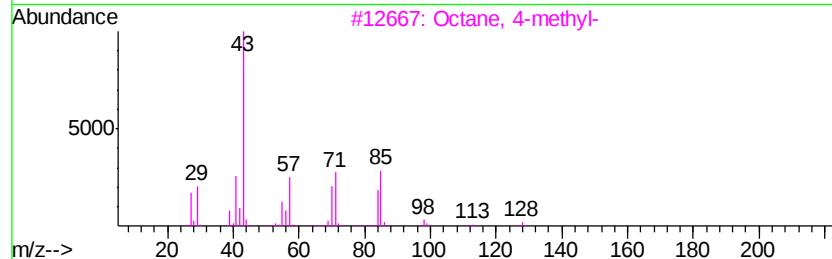
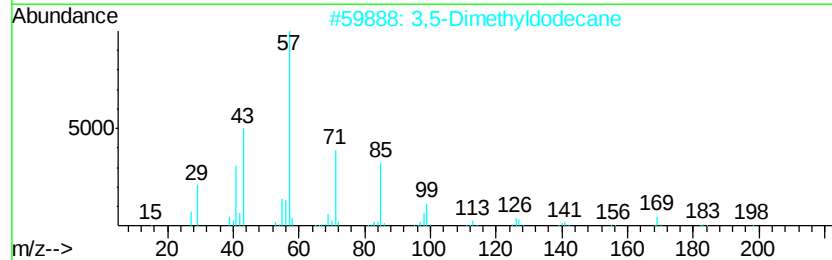
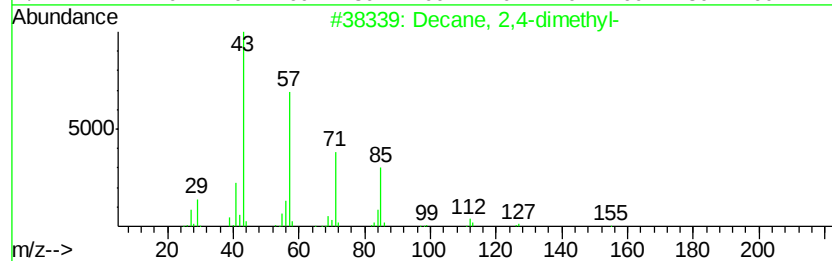
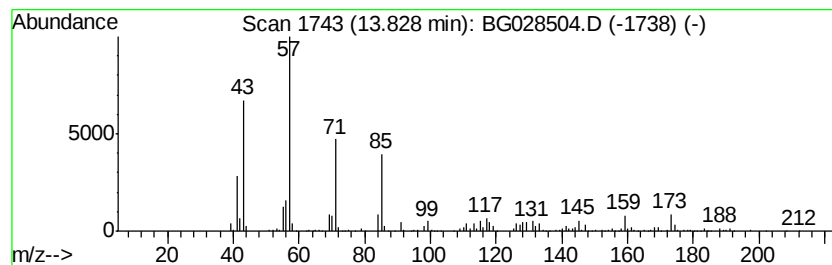
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	15.85 ng/ul	778717	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
3			Octane, 4-methyl-	128	C9H20	002216-34-4	50
4			Pentadecane	212	C15H32	000629-62-9	50
5			Tritetracontane	605	C43H88	007098-21-7	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
B0AQ2

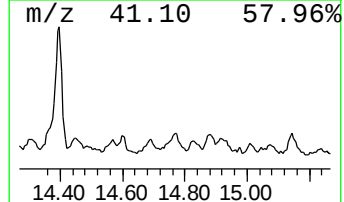
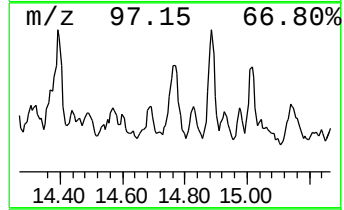
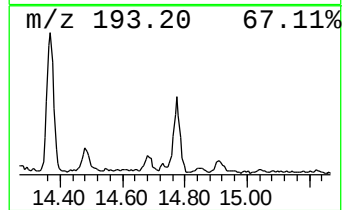
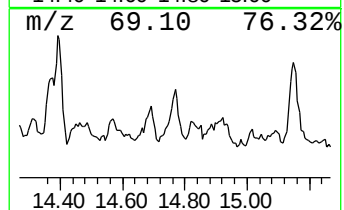
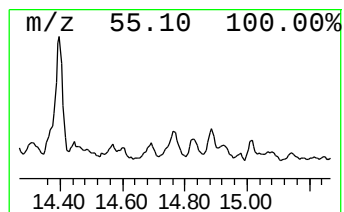
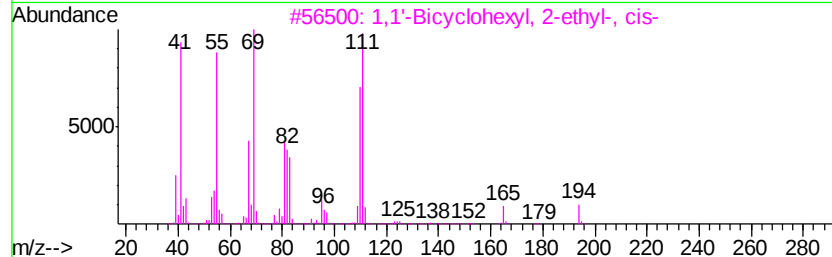
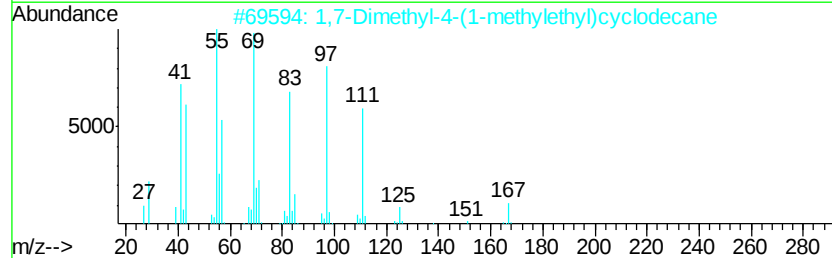
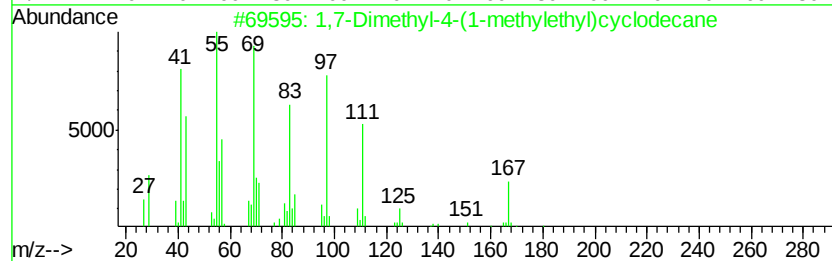
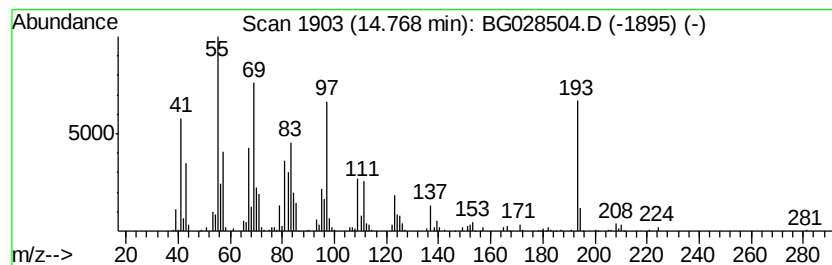
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Cyclic14.77 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	13.98 ng/ul	686952	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	47
2		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
3		1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	43
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
5		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-98-2	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

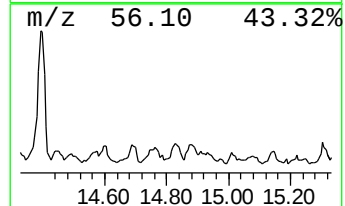
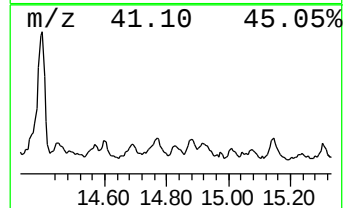
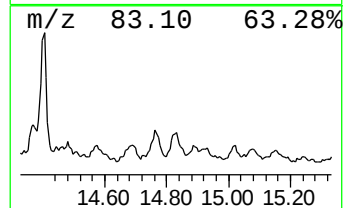
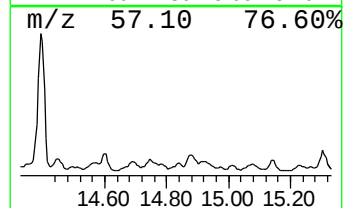
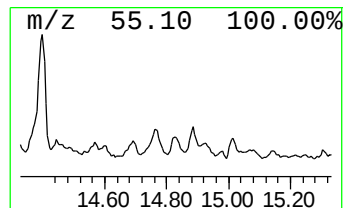
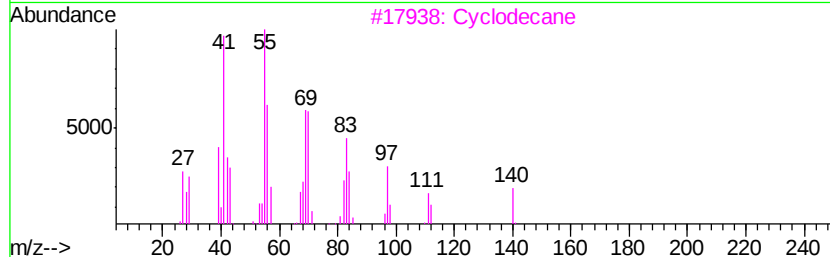
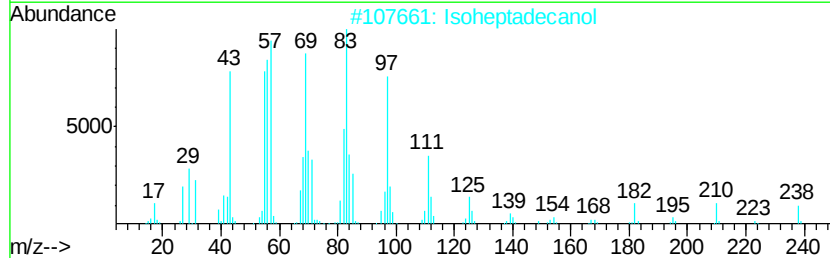
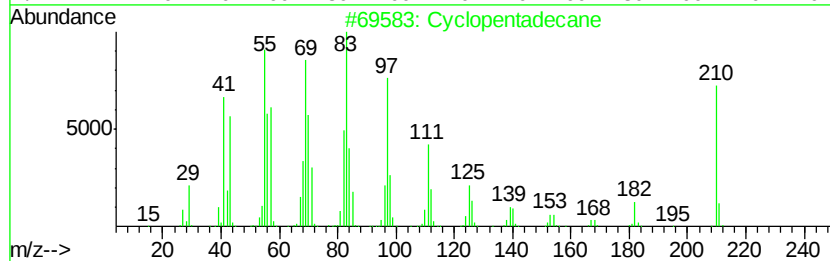
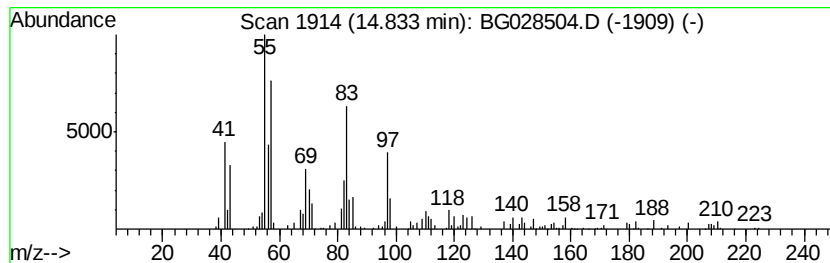
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Cyclic14.83 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.92 ng/ul	241774	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	90
2		Isoheptadecanol	256	C17H36O	057289-07-3	86
3		Cyclodecane	140	C10H20	000293-96-9	80
4		6-Tridecene, (Z)-	182	C13H26	006508-77-6	46
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

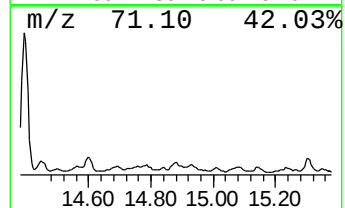
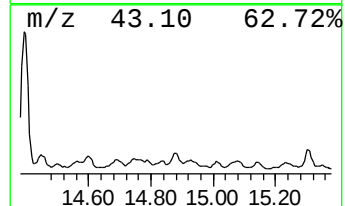
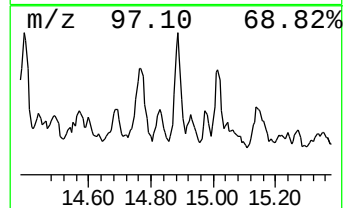
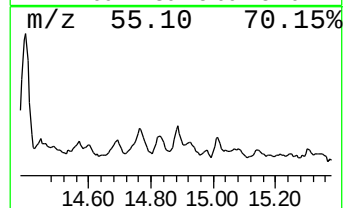
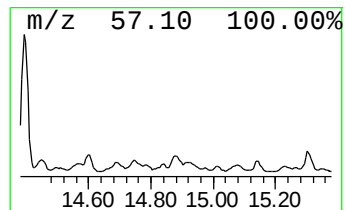
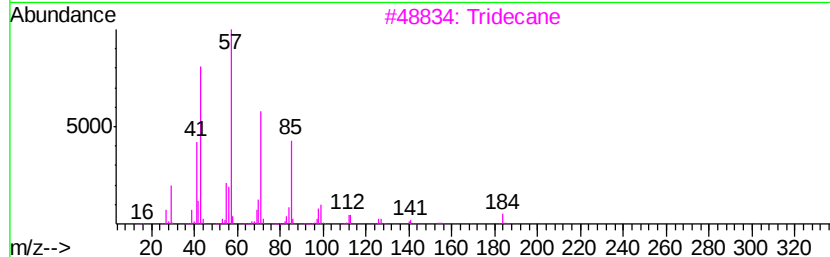
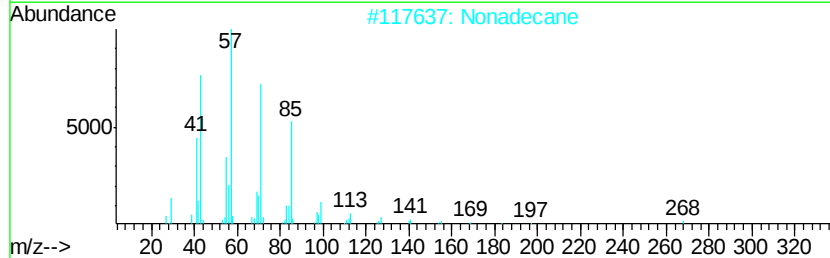
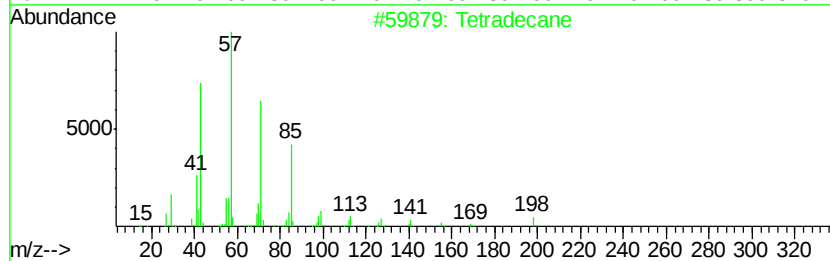
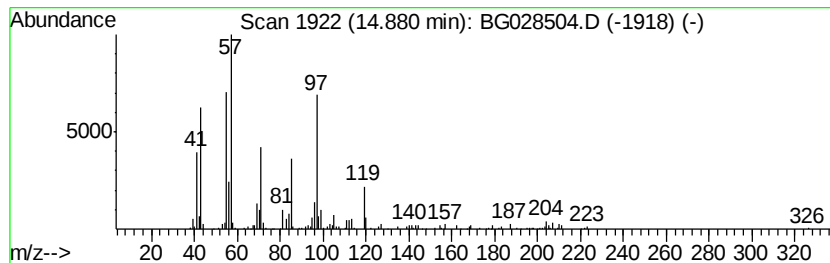
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.43 ng/ul	365177	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	50
2			Nonadecane	268	C19H40	000629-92-5	43
3			Tridecane	184	C13H28	000629-50-5	43
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5			Undecane	156	C11H24	001120-21-4	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

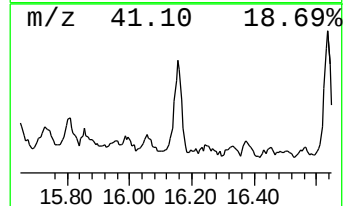
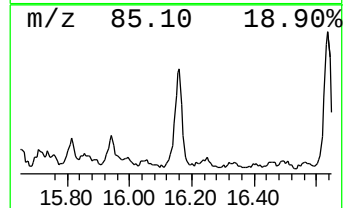
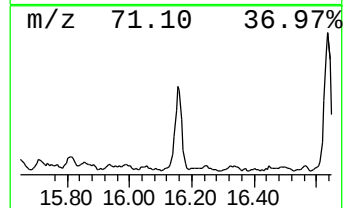
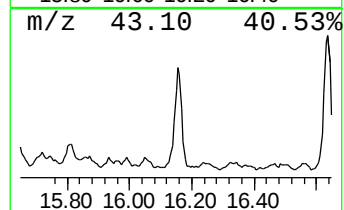
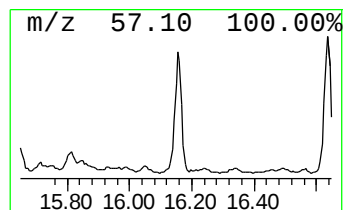
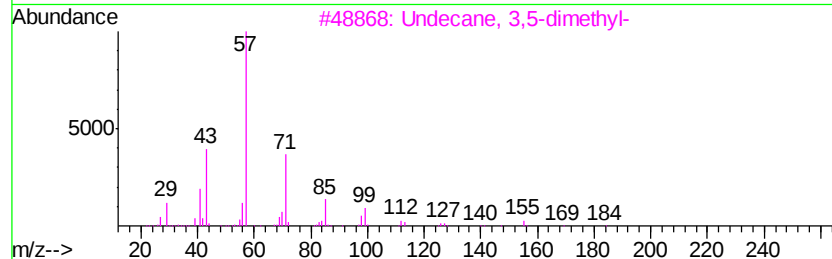
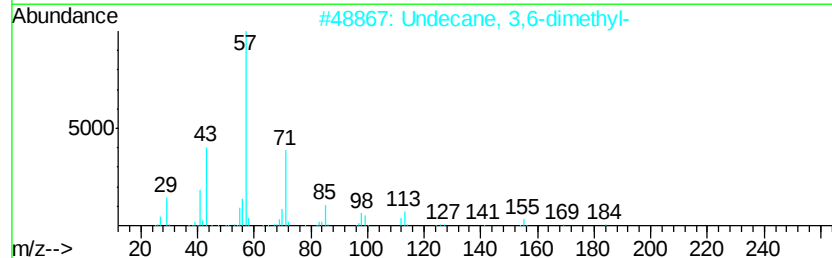
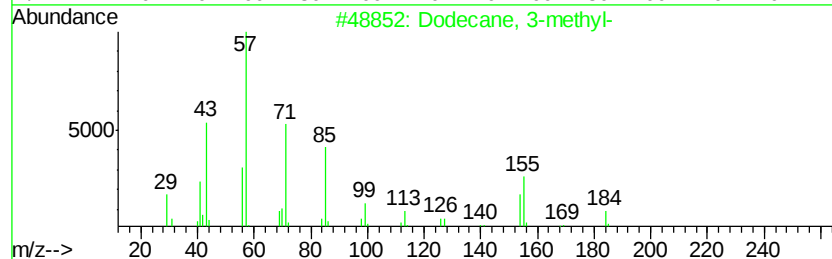
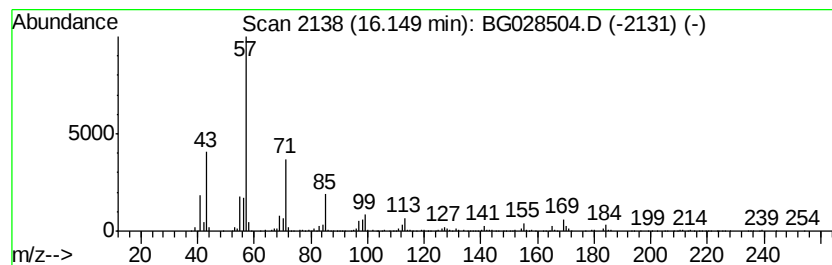
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	21.65 ng/ul	1063790	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

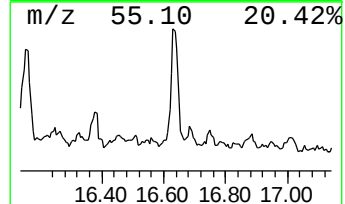
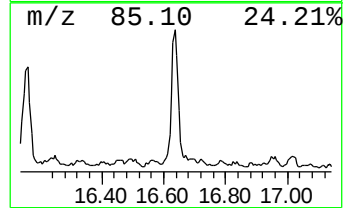
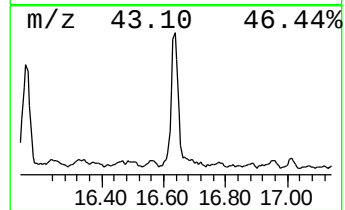
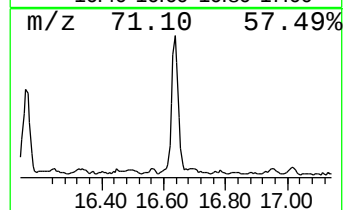
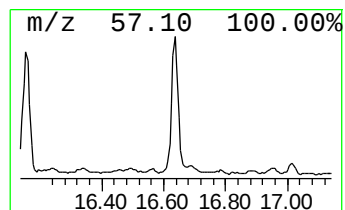
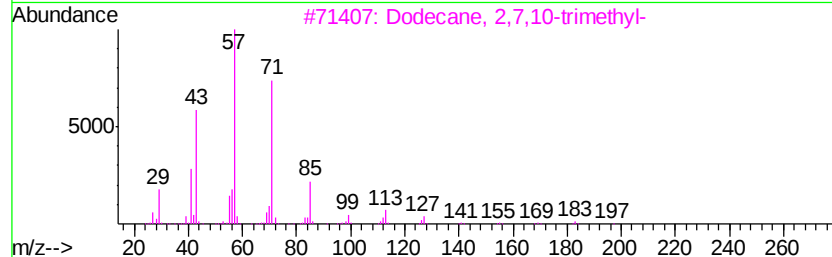
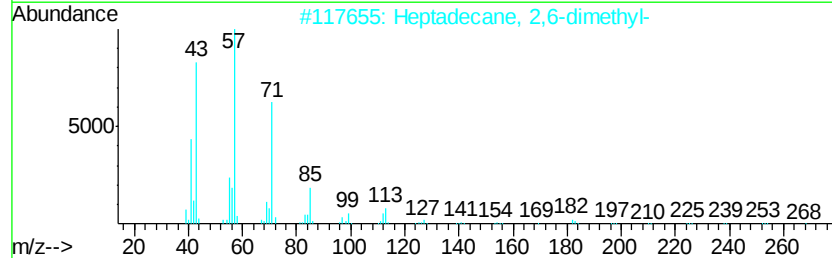
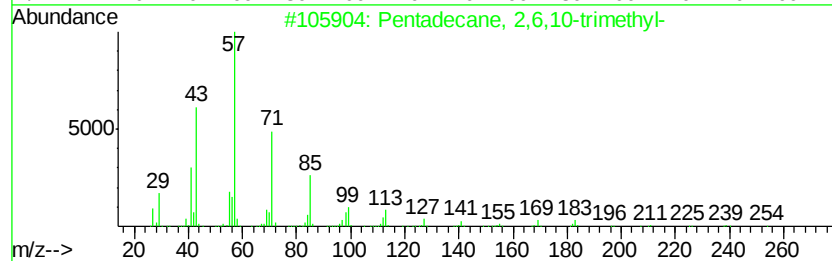
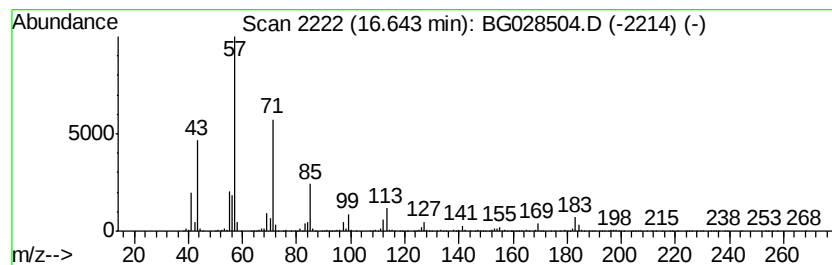
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	51.53 ng/ul	1579350	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ2

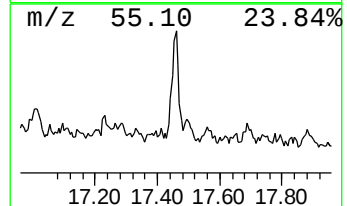
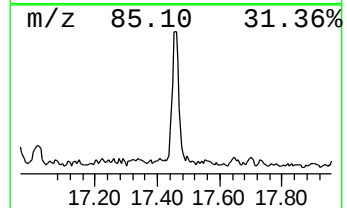
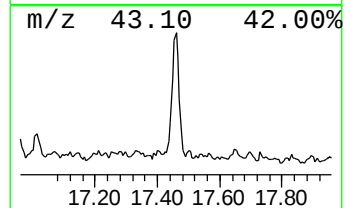
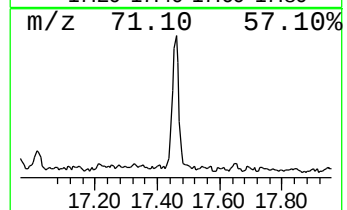
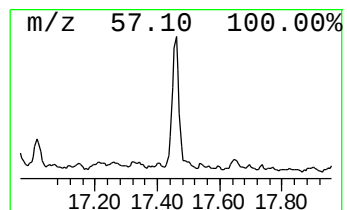
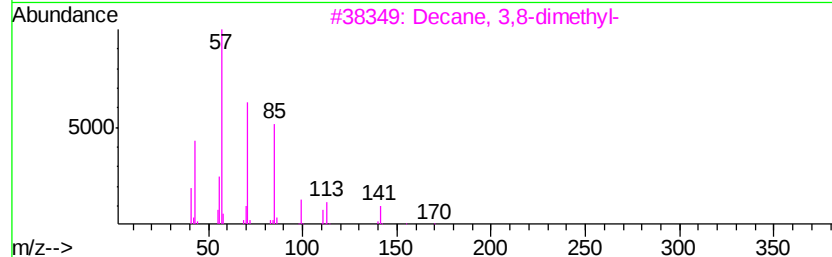
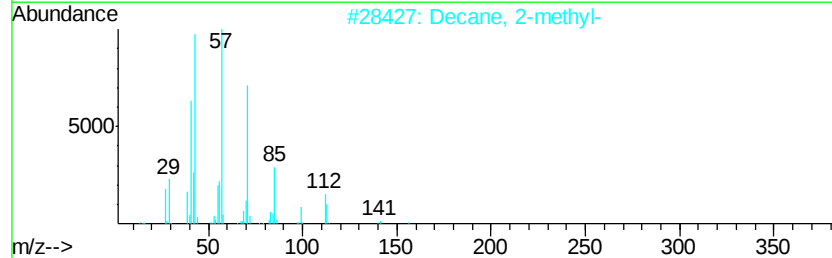
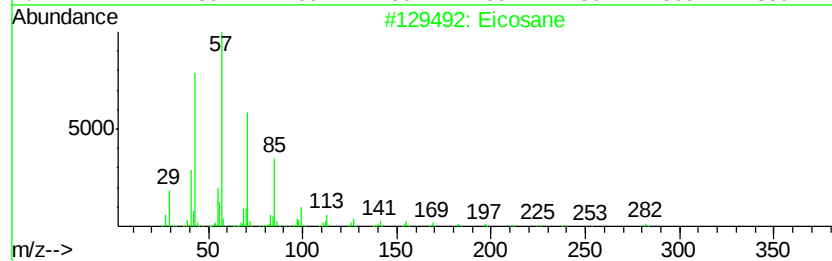
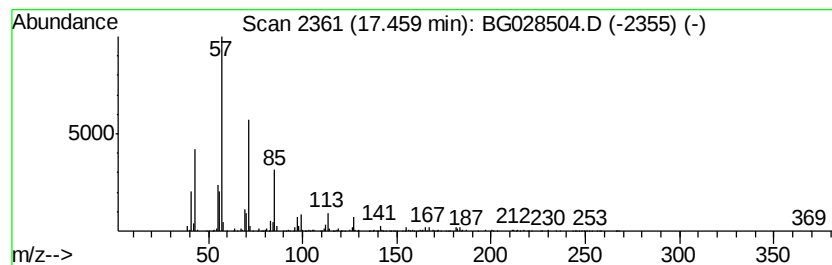
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	16.28 ng/ul	499119	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Decane, 2-methyl-	156	C11H24	006975-98-0	86
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
4		Hexadecane	226	C16H34	000544-76-3	81
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG082504.D
 Acq On : 25 Aug 2017 23:40
 Operator : SJ/JU
 Sample : I4885-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,2-Dimethylpropi...	8.23	14.4	ng/ul	186256	1	8.33	258522	20.0
(DEL) Alkane: Str...	8.28	20.0	ng/ul	258522	1	8.33	258522	20.0
(DEL) Alkane: Str...	8.50	19.4	ng/ul	251318	1	8.33	258522	20.0
(DEL) Alkane: Cyc...	8.89	16.7	ng/ul	216206	1	8.33	258522	20.0
Naphthalene, deca...	9.17	22.4	ng/ul	289952	1	8.33	258522	20.0
9-Oxabicyclo[6.1....	9.35	16.9	ng/ul	218578	1	8.33	258522	20.0
(DEL) Alkane: Cyc...	9.43	63.5	ng/ul	821033	1	8.33	258522	20.0
unknown-01	9.65	57.6	ng/ul	744375	1	8.33	258522	20.0
Isobutyl undecyl ...	9.79	28.3	ng/ul	597770	2	11.16	422753	20.0
Oxirane, [(dodecy...	9.89	18.0	ng/ul	380415	2	11.16	422753	20.0
(DEL) Alkane: Str...	9.96	31.8	ng/ul	671358	2	11.16	422753	20.0
Naphthalene, deca...	10.07	28.1	ng/ul	595064	2	11.16	422753	20.0
1-Methyldecahydro...	10.33	37.7	ng/ul	796370	2	11.16	422753	20.0
Benzene, 1,2,3,4-...	10.55	29.0	ng/ul	612671	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	10.73	21.7	ng/ul	459256	2	11.16	422753	20.0
unknown-02	10.85	32.1	ng/ul	678377	2	11.16	422753	20.0
unknown-03	10.91	13.9	ng/ul	293986	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	10.99	14.4	ng/ul	304484	2	11.16	422753	20.0
unknown-04	11.35	34.5	ng/ul	728201	2	11.16	422753	20.0
(DEL) Alkane: Str...	11.41	8.9	ng/ul	188552	2	11.16	422753	20.0
(DEL) Alkane: Str...	11.51	23.9	ng/ul	505726	2	11.16	422753	20.0
Benzene, 1,3,5-tr...	11.57	16.1	ng/ul	339178	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	11.63	41.5	ng/ul	876218	2	11.16	422753	20.0
(DEL) Alkane: Str...	11.68	10.6	ng/ul	224310	2	11.16	422753	20.0
(DEL) Alkane: Str...	11.78	13.5	ng/ul	285748	2	11.16	422753	20.0
Cyclopentane, 1-m...	11.83	53.0	ng/ul	1119210	2	11.16	422753	20.0
unknown-05	11.97	18.6	ng/ul	393515	2	11.16	422753	20.0
(DEL) Alkane: Str...	12.14	136.1	ng/ul	2877320	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	12.18	25.1	ng/ul	530184	2	11.16	422753	20.0
unknown-06	12.23	20.6	ng/ul	435653	2	11.16	422753	20.0
Naphthalene, 1,2,...	12.33	21.2	ng/ul	448972	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	12.41	38.3	ng/ul	810141	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	12.47	9.8	ng/ul	206045	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	12.52	8.8	ng/ul	185163	2	11.16	422753	20.0
(DEL) Alkane: Str...	12.74	60.0	ng/ul	1268310	2	11.16	422753	20.0
(DEL) Alkane: Str...	12.87	18.8	ng/ul	397787	2	11.16	422753	20.0
(DEL) Alkane: Str...	12.95	41.8	ng/ul	884236	2	11.16	422753	20.0
(DEL) Alkane: Cyc...	13.15	9.3	ng/ul	459235	3	14.95	982517	20.0
(DEL) Alkane: Cyc...	13.22	20.2	ng/ul	991515	3	14.95	982517	20.0
(DEL) Alkane: Str...	13.46	76.0	ng/ul	3732340	3	14.95	982517	20.0
(DEL) Alkane: Str...	13.76	13.8	ng/ul	676094	3	14.95	982517	20.0
(DEL) Alkane: Str...	13.83	15.9	ng/ul	778717	3	14.95	982517	20.0
(DEL) Alkane: Cyc...	14.77	14.0	ng/ul	686952	3	14.95	982517	20.0
(DEL) Alkane: Cyc...	14.83	4.9	ng/ul	241774	3	14.95	982517	20.0
(DEL) Alkane: Str...	14.88	7.4	ng/ul	365177	3	14.95	982517	20.0
(DEL) Alkane: Str...	16.15	21.6	ng/ul	1063790	3	14.95	982517	20.0
(DEL) Alkane: Str...	16.64	51.5	ng/ul	1579350	4	17.70	612990	20.0
(DEL) Alkane: Str...	17.46	16.3	ng/ul	499119	4	17.70	612990	20.0