

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002027.D
 Acq On : 23 Jul 2015 21:38
 Operator : TP/UM
 Sample : G3000-22RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02K3RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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	2.787	13	17	20	rVV	49340	58863	0.36%	0.176%
2	2.822	20	23	29	rVV	241769	295343	1.81%	0.885%
3	2.875	29	32	40	rVB	36891	47635	0.29%	0.143%
4	3.604	151	156	161	rBV	36690	47382	0.29%	0.142%
5	3.822	186	193	215	rVB	11690407	16277883	100.00%	48.760%
6	5.616	493	498	506	rBV2	39818	78567	0.48%	0.235%
7	6.792	686	698	711	rVB	145627	262306	1.61%	0.786%
8	6.951	719	725	734	rVB	117055	180220	1.11%	0.540%
9	7.145	753	758	766	rVB	153030	246606	1.51%	0.739%
10	7.269	774	779	787	rBV4	17386	39391	0.24%	0.118%
11	7.616	832	838	844	rVB	308149	466403	2.87%	1.397%
12	8.151	923	929	935	rBV3	17119	29373	0.18%	0.088%
13	8.328	953	959	968	rBV	78743	129556	0.80%	0.388%
14	8.439	972	978	989	rVB	64307	108384	0.67%	0.325%
15	8.710	1020	1024	1029	rVB5	10426	17303	0.11%	0.052%
16	8.775	1029	1035	1043	rBV	135814	230439	1.42%	0.690%
17	8.898	1049	1056	1063	rBV8	8329	26407	0.16%	0.079%
18	9.322	1122	1128	1132	rVB7	12793	22388	0.14%	0.067%
19	9.433	1140	1147	1151	rBV2	37993	66408	0.41%	0.199%
20	9.492	1151	1157	1167	rVV2	113862	214518	1.32%	0.643%
21	9.575	1167	1171	1180	rVB3	15074	27646	0.17%	0.083%
22	9.663	1180	1186	1191	rBV4	11486	23979	0.15%	0.072%
23	9.804	1204	1210	1214	rBV5	8592	17331	0.11%	0.052%
24	9.851	1214	1218	1223	rVB6	10963	19985	0.12%	0.060%
25	10.033	1243	1249	1255	rVB	175860	280072	1.72%	0.839%
26	10.404	1305	1312	1318	rBV	366846	619111	3.80%	1.855%
27	10.457	1318	1321	1327	rVB2	23340	35963	0.22%	0.108%
28	10.551	1327	1337	1346	rBV2	81997	164621	1.01%	0.493%
29	10.916	1395	1399	1402	rBV	12772	16941	0.10%	0.051%
30	11.057	1418	1423	1427	rBV2	29768	56288	0.35%	0.169%
31	11.092	1427	1429	1437	rVB5	20471	32525	0.20%	0.097%
32	11.310	1459	1466	1473	rVB7	10843	29626	0.18%	0.089%
33	11.422	1480	1485	1489	rBV2	30375	49674	0.31%	0.149%
34	11.492	1495	1497	1506	rVB6	12420	25074	0.15%	0.075%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002027.D
 Acq On : 23 Jul 2015 21:38
 Operator : TP/UM
 Sample : G3000-22RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02K3RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Title : SVOA CALIBRATION

35	11.810	1545	1551	1553	rBV4	8100	16761	0.10%	0.050%
36	12.063	1583	1594	1595	rBV7	17636	43690	0.27%	0.131%
37	12.298	1627	1634	1644	rBV6	15165	52254	0.32%	0.157%
38	12.533	1669	1674	1682	rVB7	22283	47824	0.29%	0.143%
39	12.610	1682	1687	1694	rBV5	20308	39625	0.24%	0.119%
40	12.692	1694	1701	1707	rBV10	13443	30513	0.19%	0.091%
41	12.798	1714	1719	1724	rVB	47473	64173	0.39%	0.192%
42	12.851	1724	1728	1730	rBV4	11458	17799	0.11%	0.053%
43	13.039	1754	1760	1762	rBV6	14806	25034	0.15%	0.075%
44	13.110	1768	1772	1777	rVB5	18339	28696	0.18%	0.086%
45	13.327	1806	1809	1813	rVB5	17181	21693	0.13%	0.065%
46	13.592	1850	1854	1860	rBV2	29500	49849	0.31%	0.149%
47	13.651	1861	1864	1866	rVV2	14915	17777	0.11%	0.053%
48	13.692	1866	1871	1875	rVV	339983	490001	3.01%	1.468%
49	13.739	1875	1879	1886	rVB	332239	557978	3.43%	1.671%
50	13.804	1886	1890	1893	rBV6	17107	31475	0.19%	0.094%
51	13.921	1906	1910	1913	rBV6	15121	23557	0.14%	0.071%
52	13.968	1913	1918	1930	rVV	296376	479054	2.94%	1.435%
53	14.098	1936	1940	1947	rVB4	42257	76208	0.47%	0.228%
54	14.174	1948	1953	1957	rBV6	25174	44733	0.27%	0.134%
55	14.280	1960	1971	1977	rBV2	527393	882426	5.42%	2.643%
56	14.345	1977	1982	1984	rBV3	19946	31398	0.19%	0.094%
57	14.498	2003	2008	2016	rVB3	125534	212401	1.30%	0.636%
58	14.645	2030	2033	2035	rBV4	13794	16766	0.10%	0.050%
59	14.680	2035	2039	2045	rVV	47937	66084	0.41%	0.198%
60	14.757	2049	2052	2056	rVB	25153	27429	0.17%	0.082%
61	14.798	2056	2059	2070	rVB4	47931	81697	0.50%	0.245%
62	14.904	2072	2077	2080	rBV2	37562	64521	0.40%	0.193%
63	14.998	2088	2093	2097	rBV8	13897	29158	0.18%	0.087%
64	15.062	2099	2104	2108	rBV5	31230	63203	0.39%	0.189%
65	15.274	2135	2140	2145	rVV	344388	465420	2.86%	1.394%
66	15.321	2145	2148	2153	rVV4	28852	49364	0.30%	0.148%
67	15.368	2154	2156	2160	rVB3	23857	27389	0.17%	0.082%
68	15.492	2174	2177	2178	rBV3	16805	17969	0.11%	0.054%
69	15.533	2179	2184	2191	rVB2	105463	183347	1.13%	0.549%
70	15.627	2196	2200	2207	rVB8	28900	68806	0.42%	0.206%
71	15.745	2217	2220	2223	rVV2	23437	29807	0.18%	0.089%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
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: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

72	15.780	2224	2226	2231	rVB5	16909	20170	0.12%	0.060%
73	15.927	2247	2251	2253	rBV5	15892	28819	0.18%	0.086%
74	16.015	2259	2266	2270	rBV2	191496	323358	1.99%	0.969%
75	16.115	2279	2283	2285	rBV3	14720	24727	0.15%	0.074%
76	16.574	2357	2361	2363	rBV5	29526	40626	0.25%	0.122%
77	16.686	2376	2380	2386	rVB8	28272	45094	0.28%	0.135%
78	16.780	2394	2396	2399	rVV	24421	26292	0.16%	0.079%
79	16.833	2401	2405	2414	rVB2	86084	160083	0.98%	0.480%
80	17.027	2433	2438	2443	rBV2	604532	901621	5.54%	2.701%
81	17.068	2443	2445	2450	rVB	112311	129857	0.80%	0.389%
82	17.127	2450	2455	2460	rBV2	341473	480192	2.95%	1.438%
83	17.439	2505	2508	2513	rVB4	40830	59861	0.37%	0.179%
84	17.521	2519	2522	2528	rVB3	38170	47333	0.29%	0.142%
85	17.921	2584	2590	2593	rBV2	45097	96096	0.59%	0.288%
86	19.092	2785	2789	2794	rBV	215053	281689	1.73%	0.844%
87	19.145	2795	2798	2804	rVV	188988	251148	1.54%	0.752%
88	19.433	2842	2847	2850	rBV	439969	675325	4.15%	2.023%
89	19.974	2936	2939	2942	rVB	149006	155715	0.96%	0.466%
90	20.474	3020	3024	3028	rVB	258219	299382	1.84%	0.897%
91	20.933	3099	3102	3109	rVB	379656	475404	2.92%	1.424%
92	21.227	3147	3152	3156	rBV	861301	1170260	7.19%	3.505%
93	21.368	3173	3176	3180	rBV	385718	451838	2.78%	1.353%
94	21.797	3246	3249	3254	rVB	366313	412459	2.53%	1.236%
95	22.250	3323	3326	3333	rVB	345041	438454	2.69%	1.313%
96	23.297	3500	3504	3509	rBV2	412361	694469	4.27%	2.080%
97	23.438	3524	3528	3534	rVB	576827	973398	5.98%	2.916%

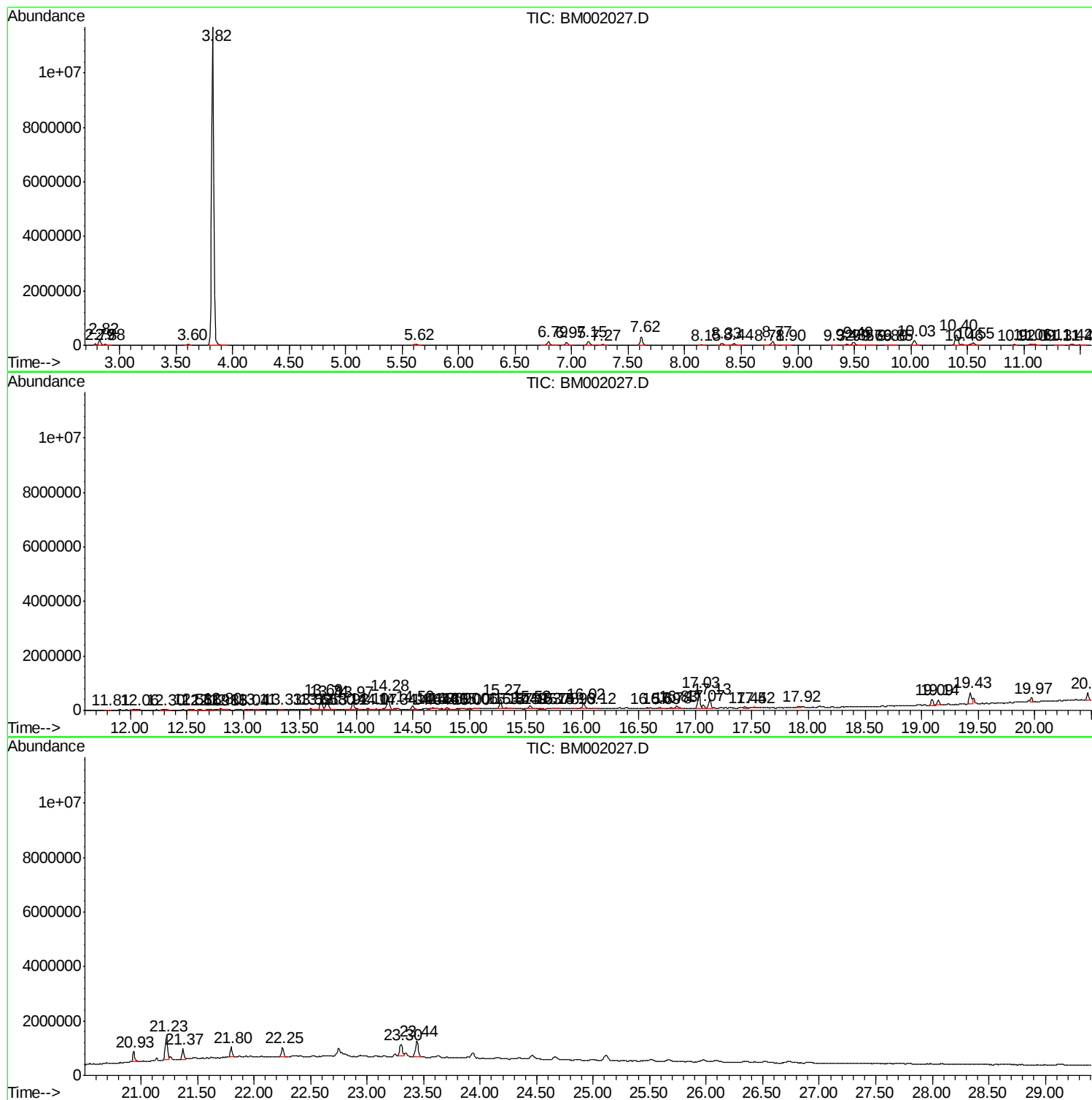
Sum of corrected areas: 33383760

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

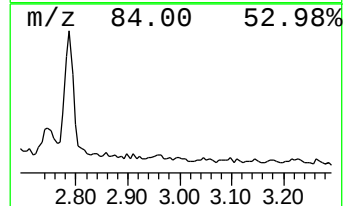
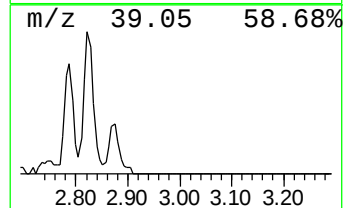
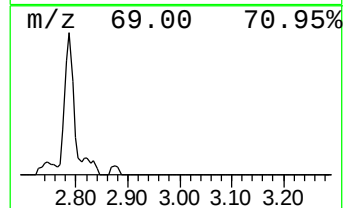
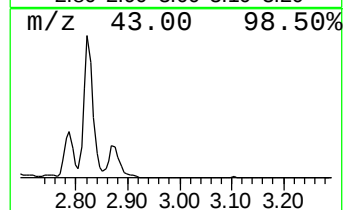
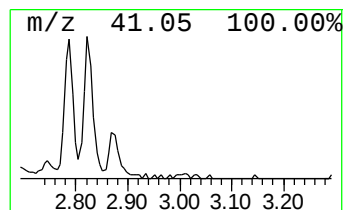
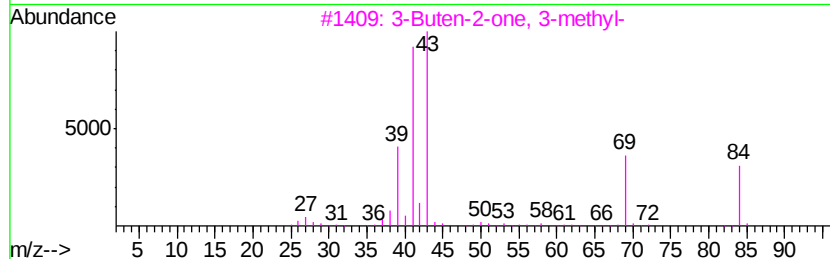
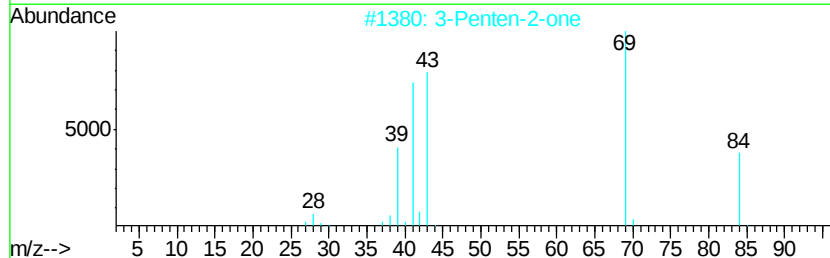
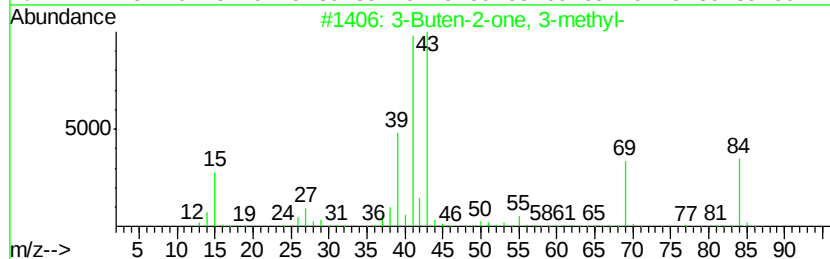
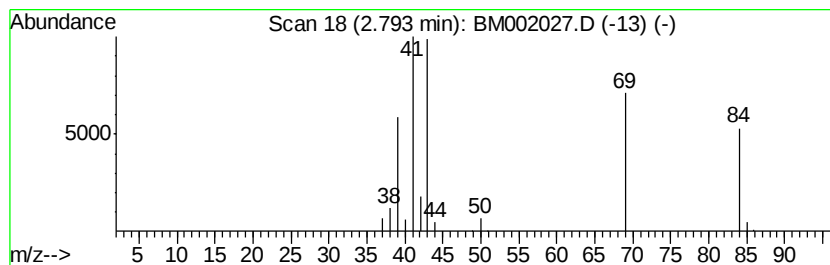
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	2.52 ng/ul	58863	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	91
2			3-Penten-2-one	84	C5H8O	000625-33-2	90
3			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	64
4			Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	64
5			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C02K3RE

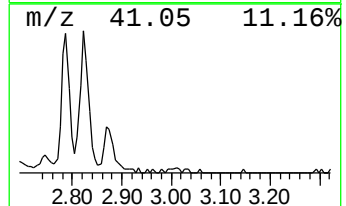
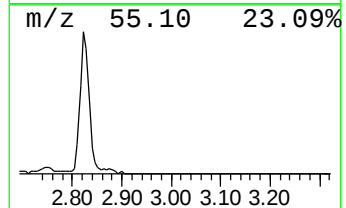
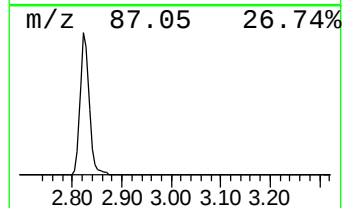
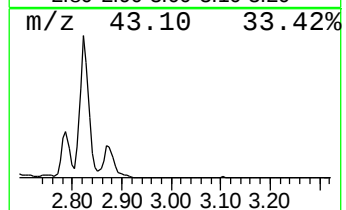
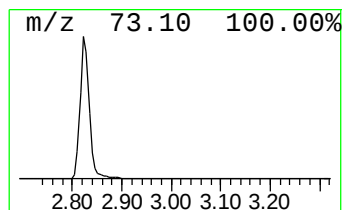
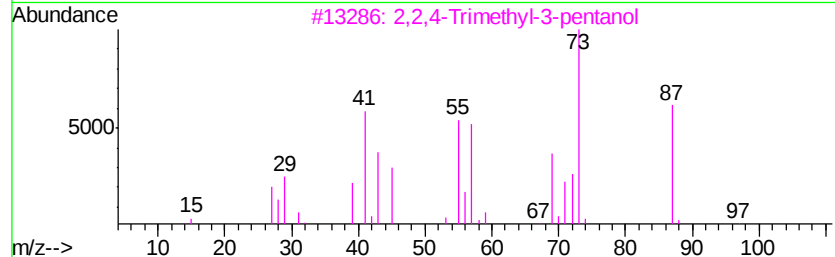
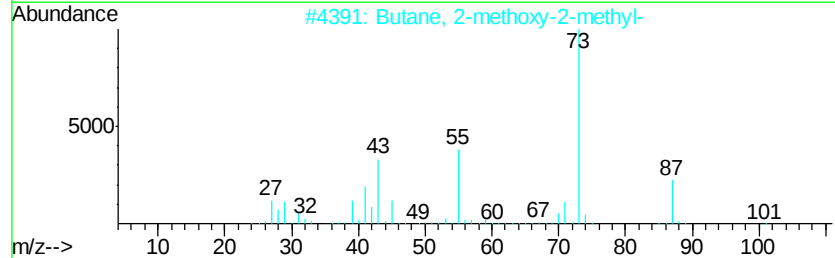
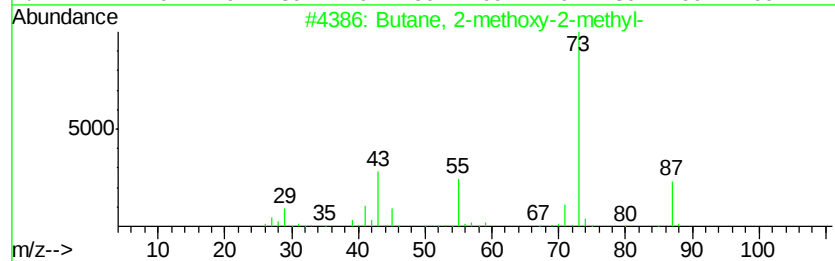
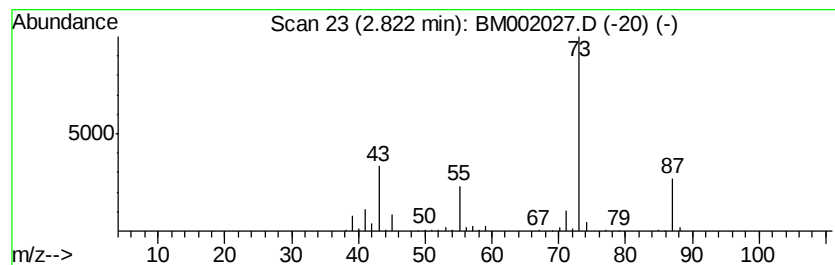
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	12.66 ng/ul	295343	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

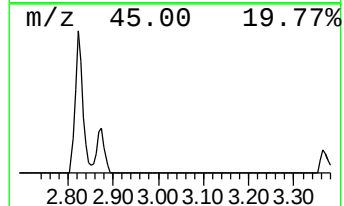
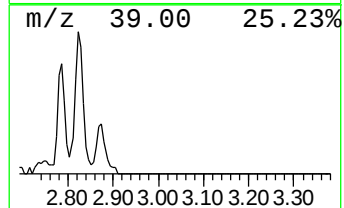
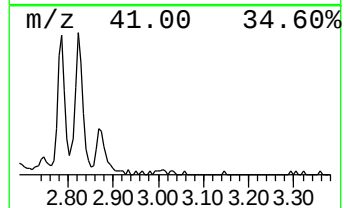
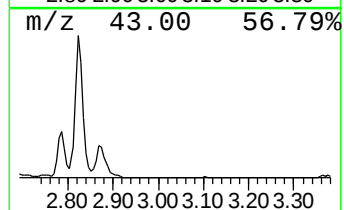
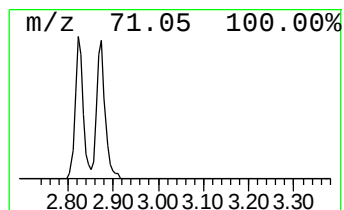
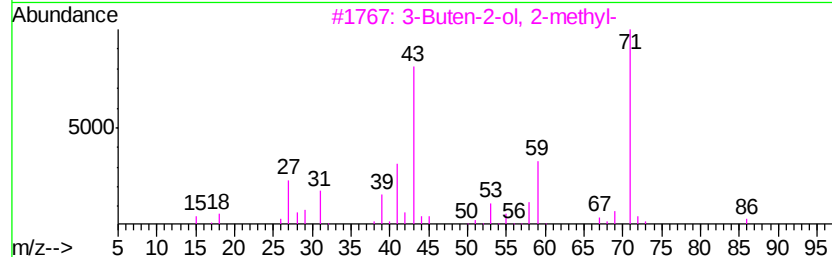
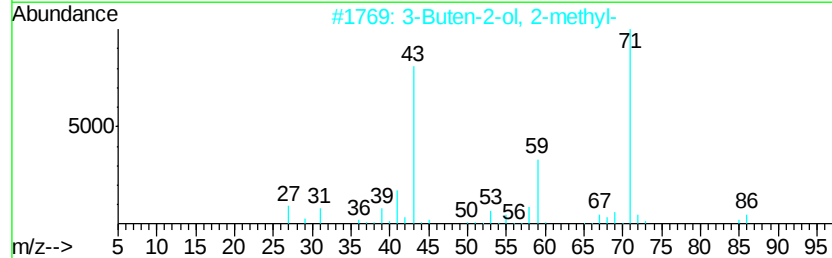
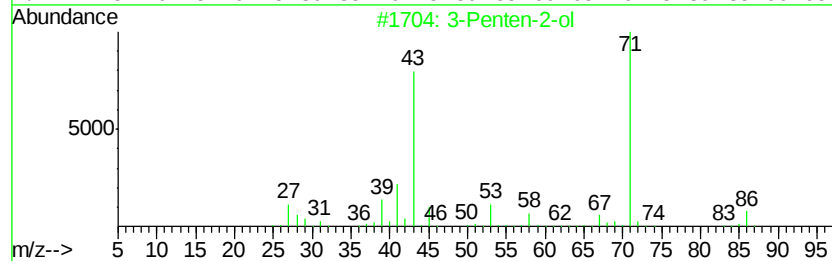
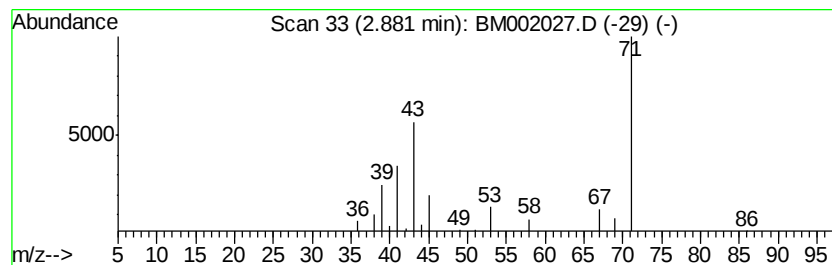
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Penten-2-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	2.04 ng/ul	47635	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-ol	86	C5H10O	001569-50-2	80
2		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59
3		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59
4		Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	53
5		Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

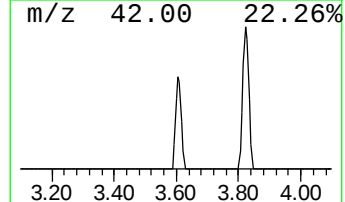
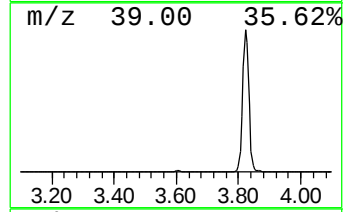
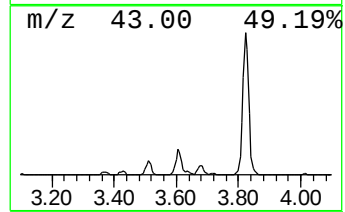
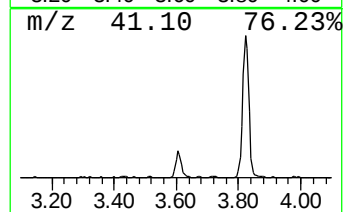
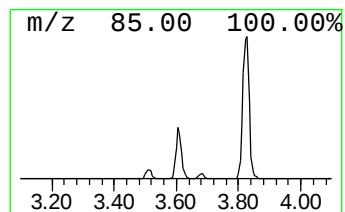
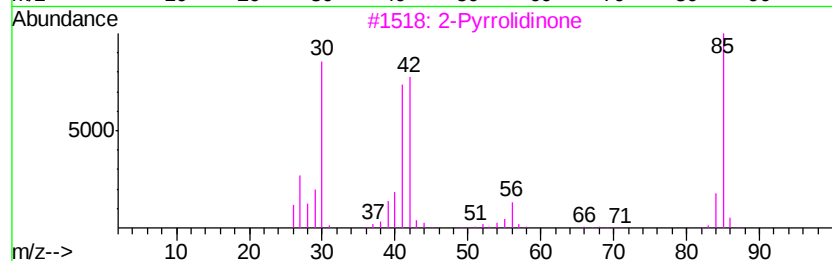
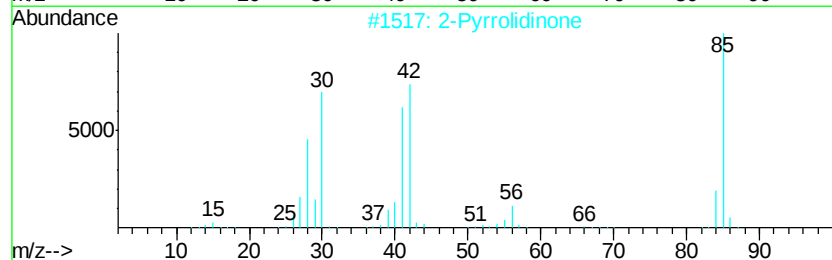
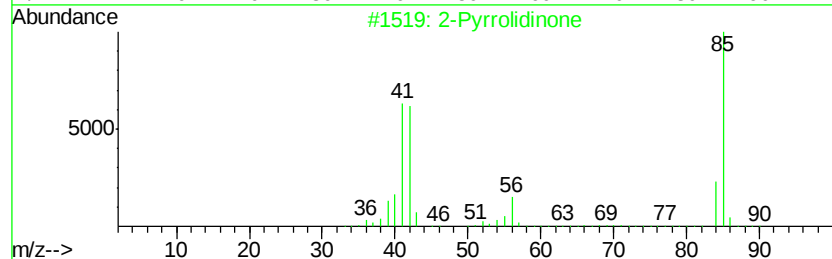
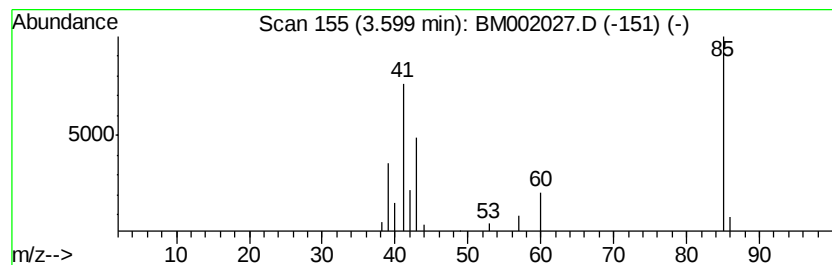
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	2.03 ng/ul	47382	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
3		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5		2(3H)-Furanone, 5-ethylidihydro-	114	C6H10O2	000695-06-7	9



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

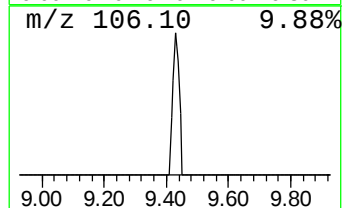
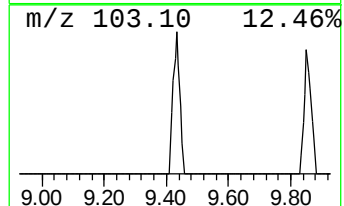
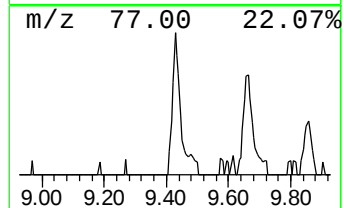
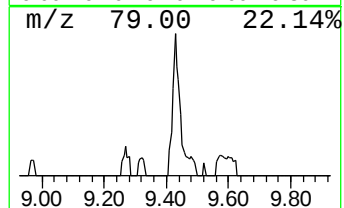
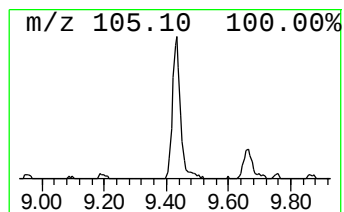
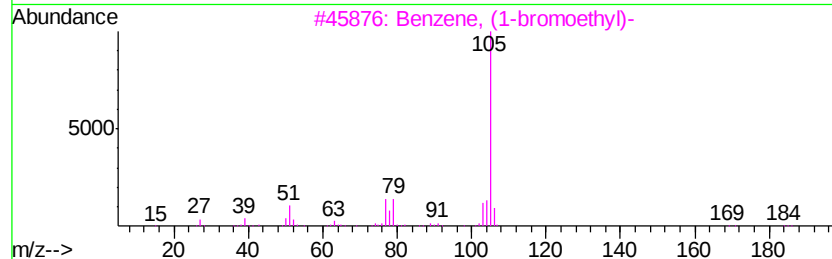
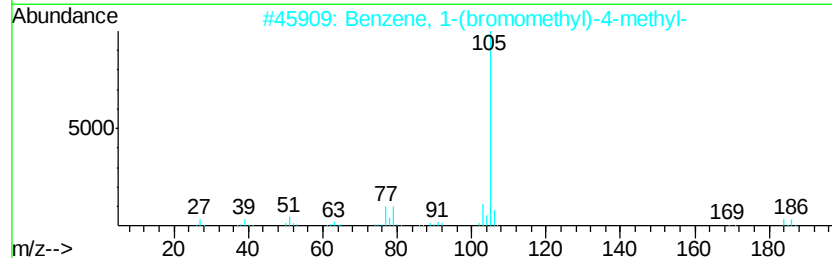
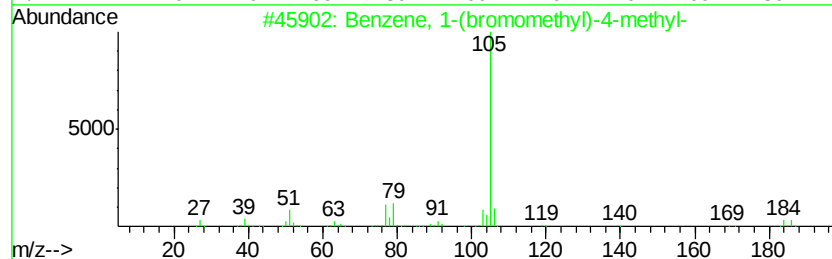
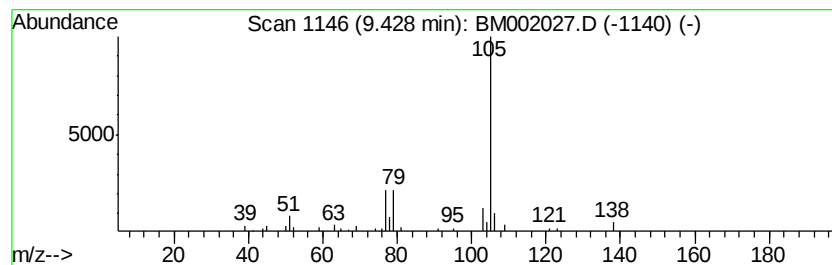
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-(bromomethyl)-4-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.15 ng/ul	66408	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
2		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
3		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	59
4		Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	59
5		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

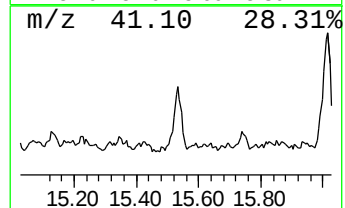
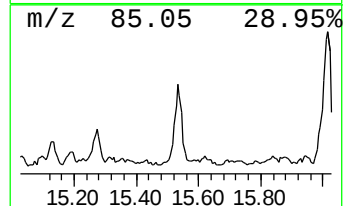
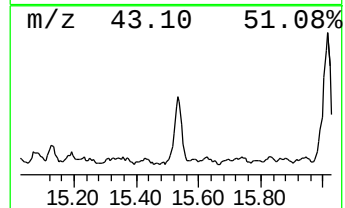
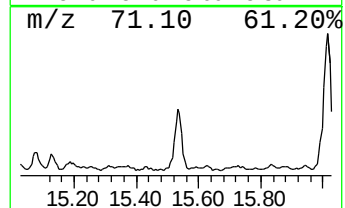
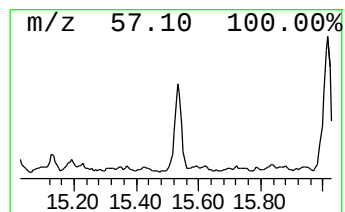
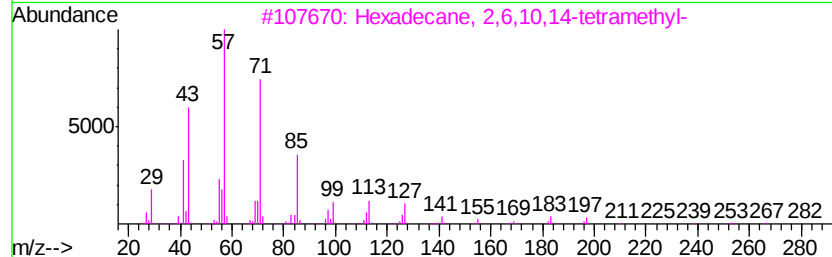
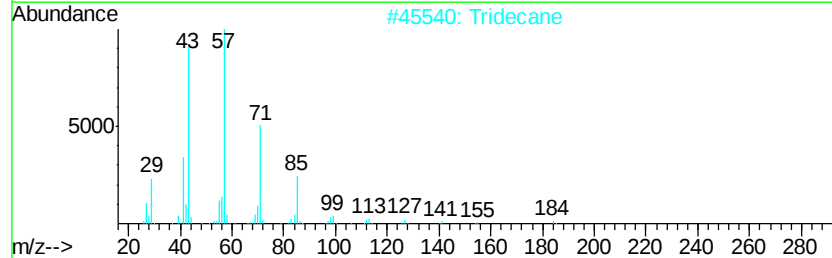
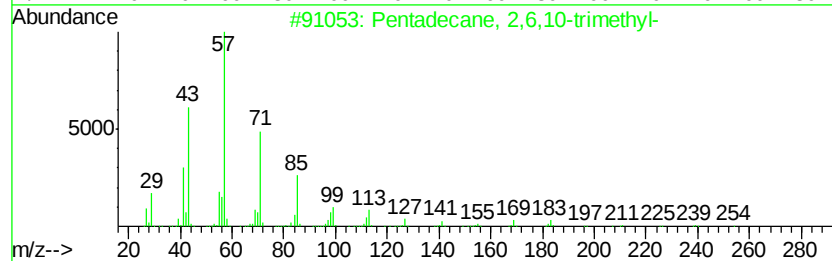
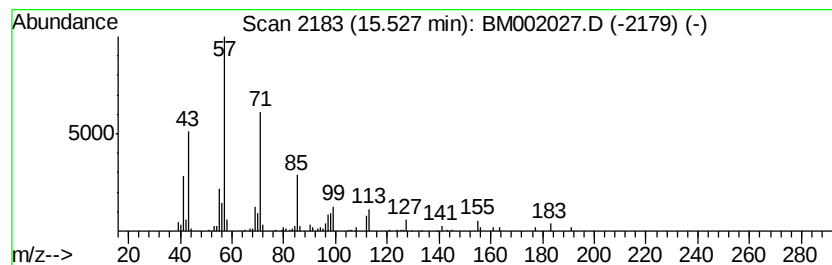
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.16 ng/ul	183347	Acenaphthene-d10	14.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Tridecane	184	C13H28	000629-50-5	74
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4		Hentriacontane	437	C31H64	000630-04-6	72
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

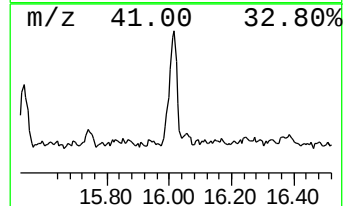
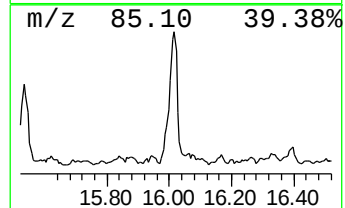
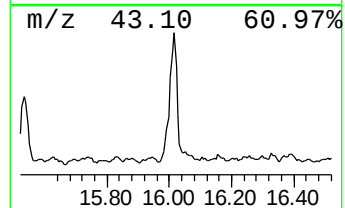
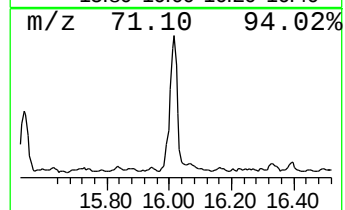
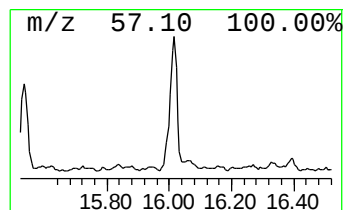
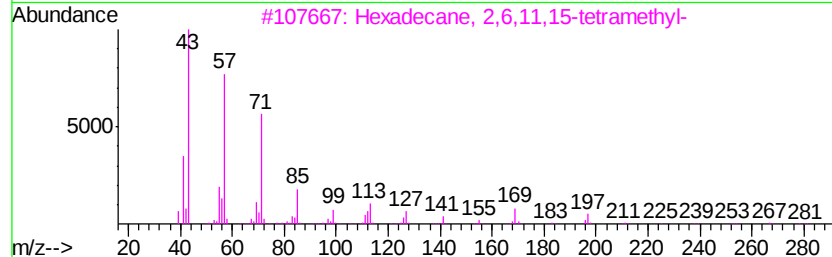
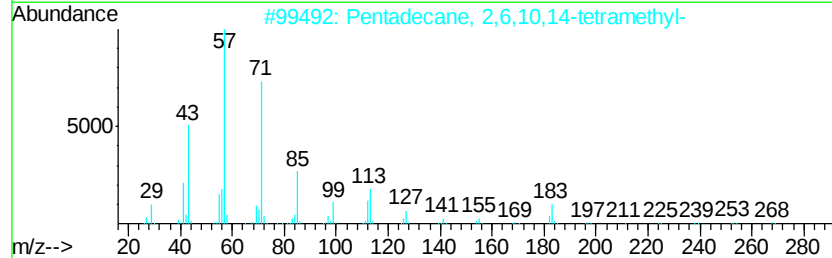
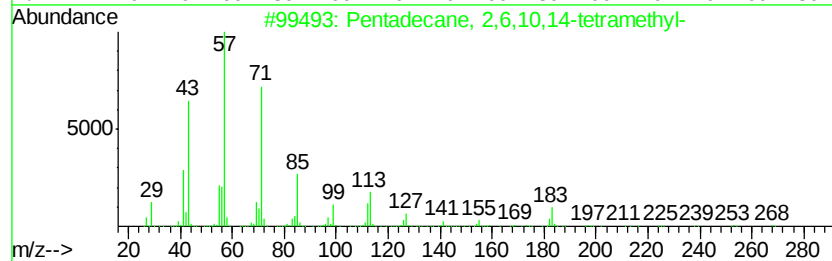
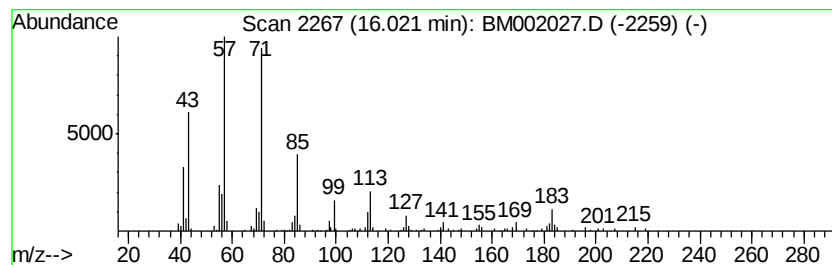
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	7.17 ng/ul	323358	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

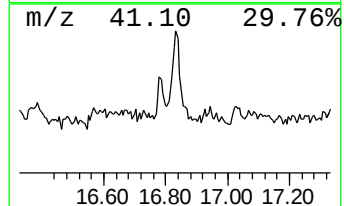
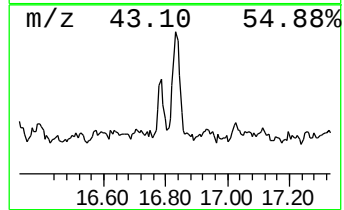
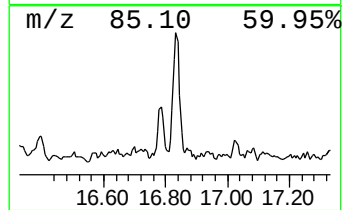
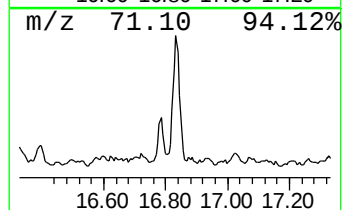
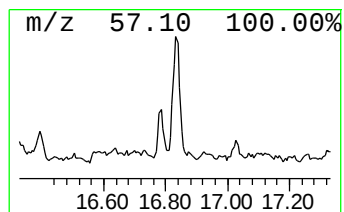
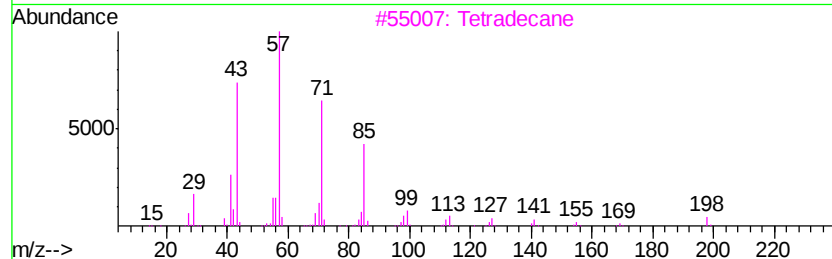
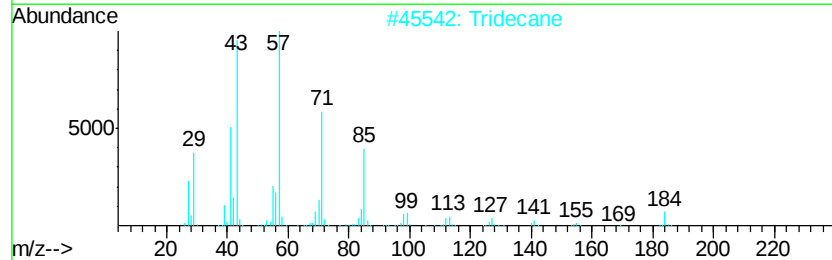
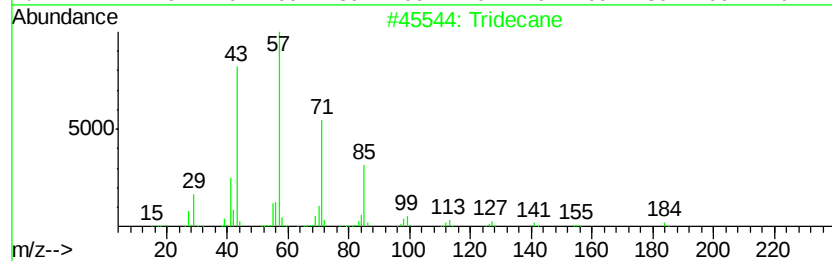
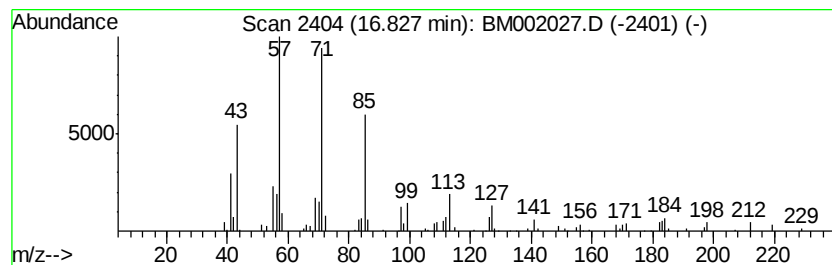
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	3.55 ng/ul	160083	Phenanthrene-d10	17.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	83
2			Tridecane	184	C13H28	000629-50-5	80
3			Tetradecane	198	C14H30	000629-59-4	74
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

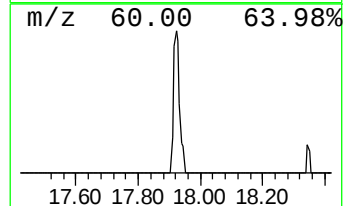
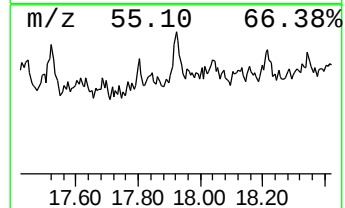
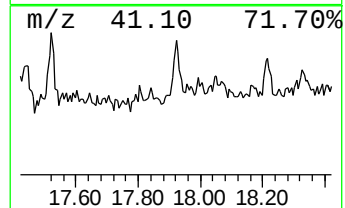
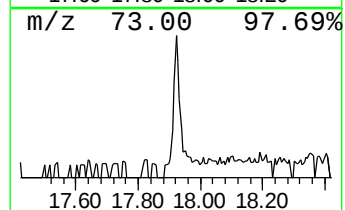
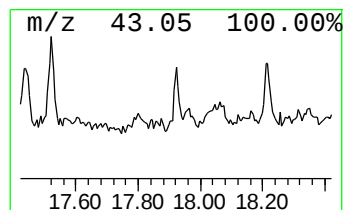
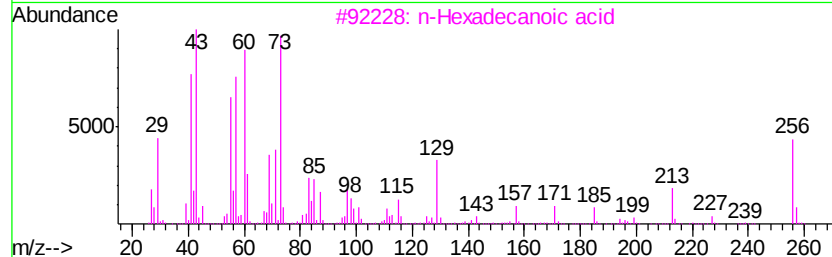
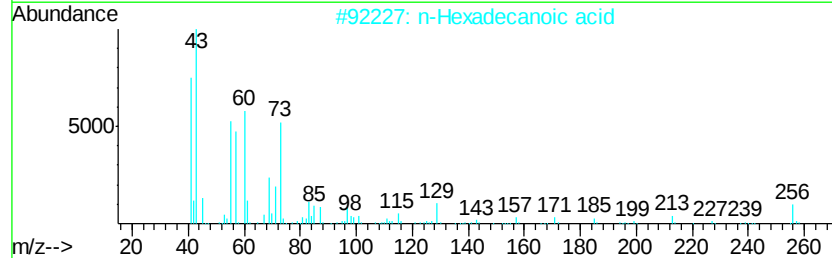
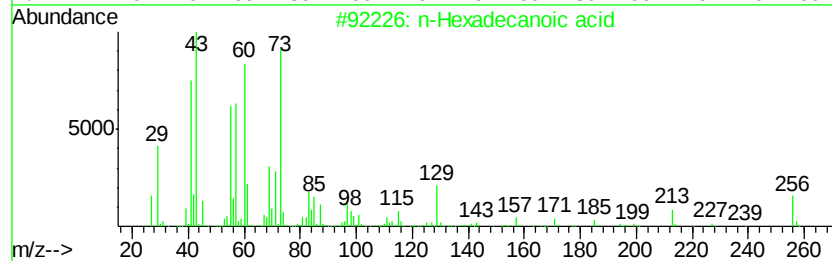
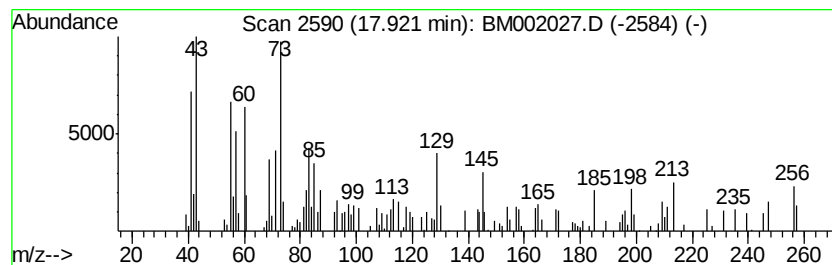
Instrument :
BNA_M
ClientSampleId :
C02K3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.92	2.13 ng/ul	96096	Phenanthrene-d10		17.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

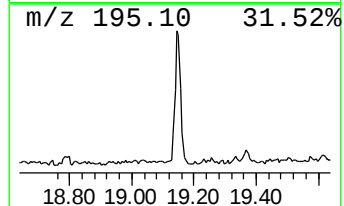
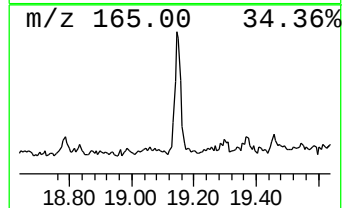
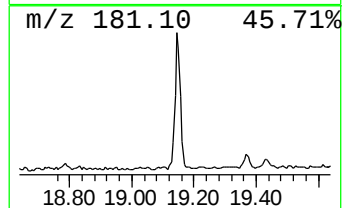
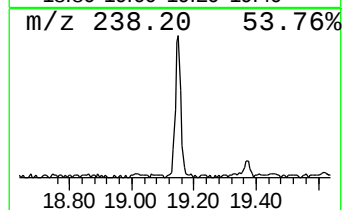
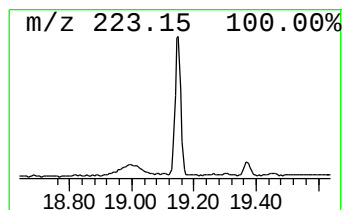
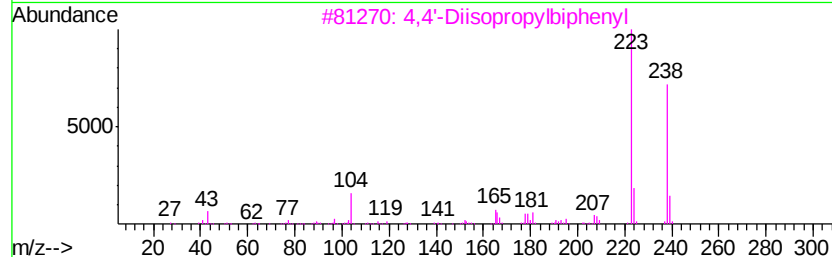
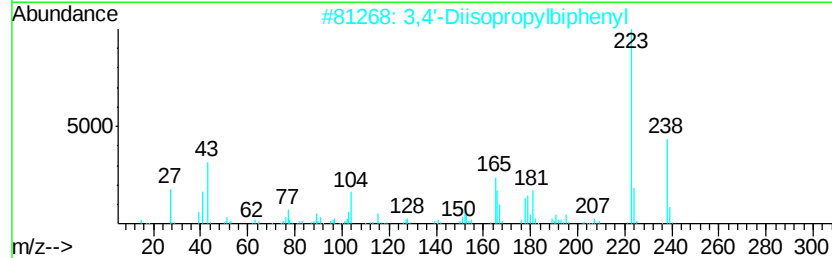
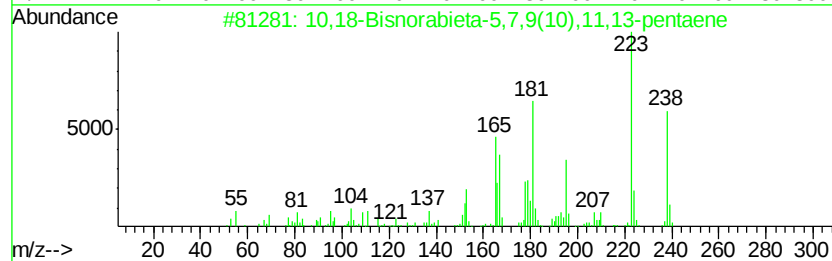
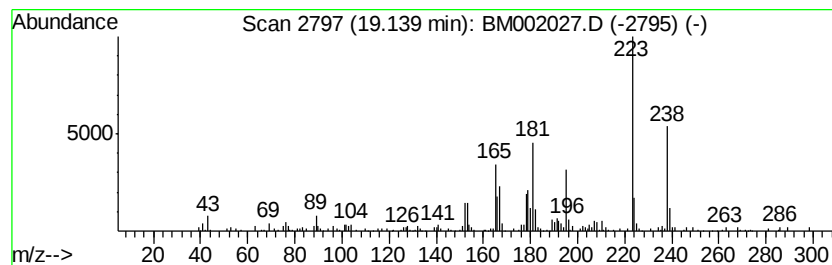
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	4.29 ng/ul	251148	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	96
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	55



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

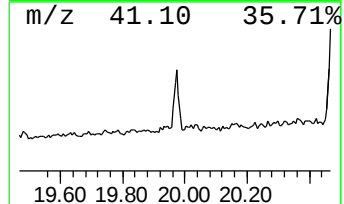
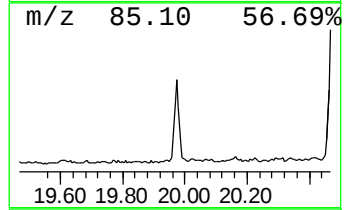
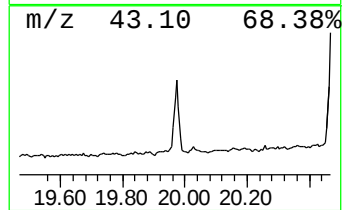
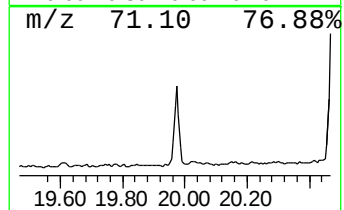
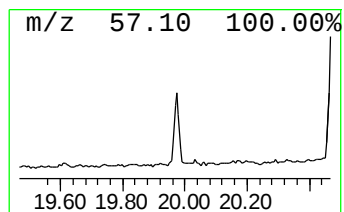
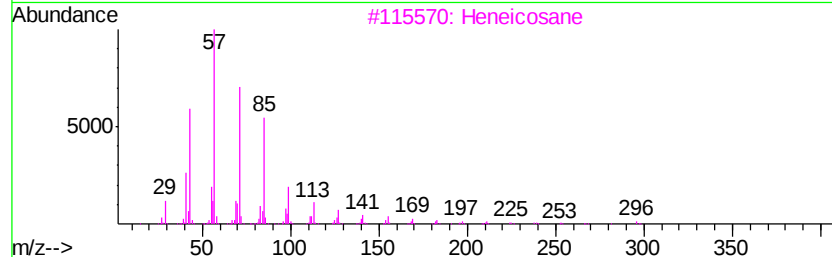
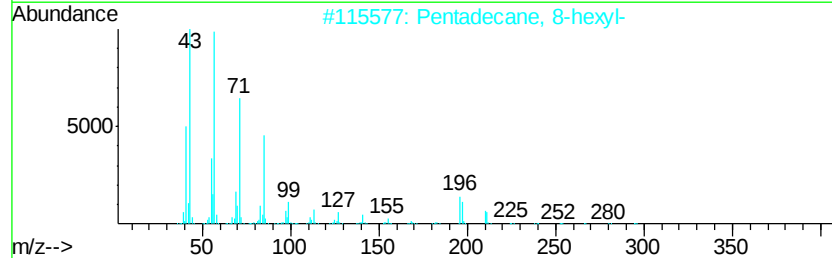
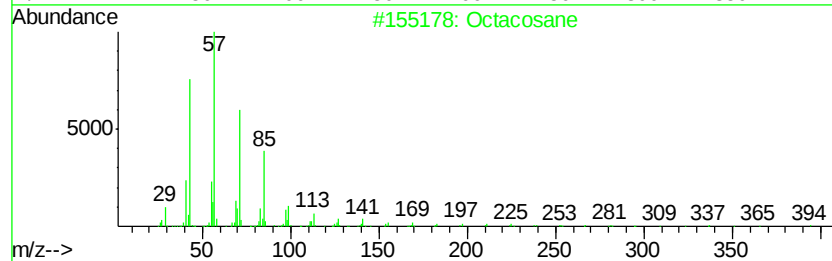
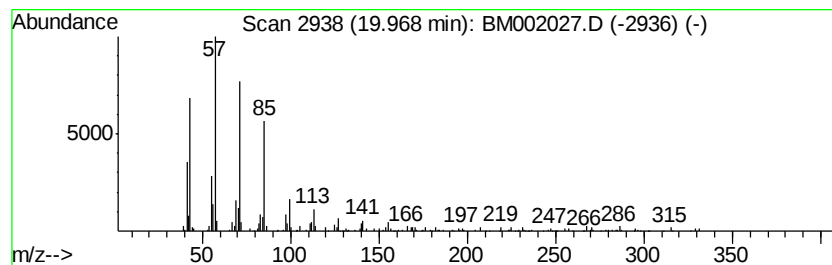
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.66 ng/ul	155715	Chrysene-d12	21.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

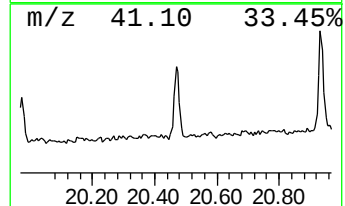
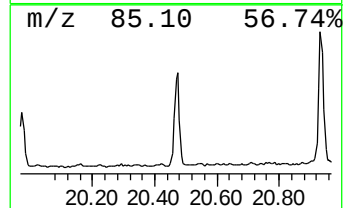
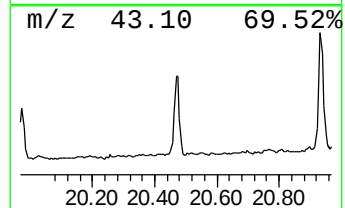
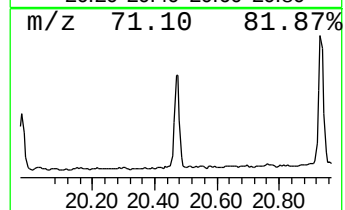
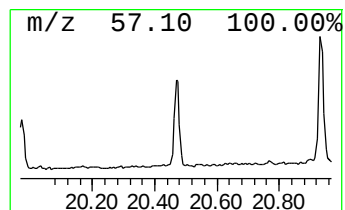
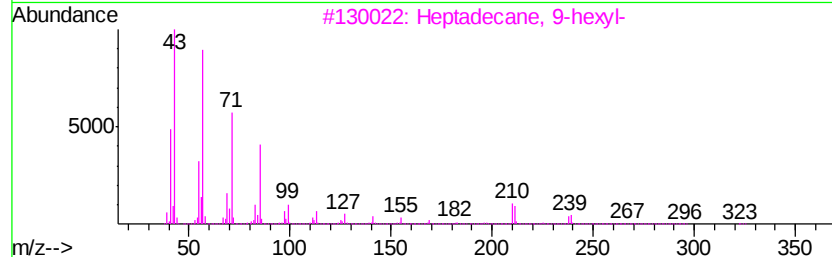
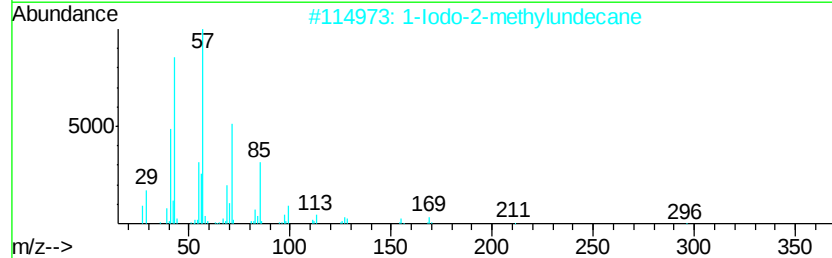
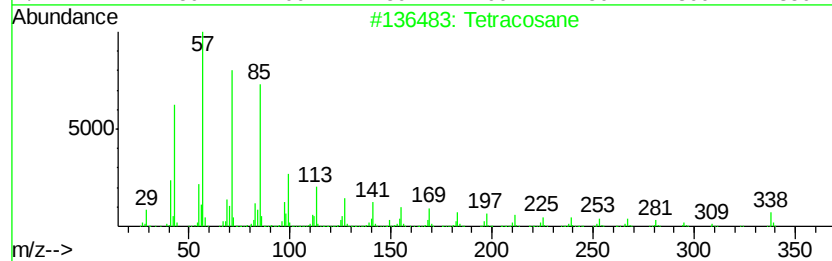
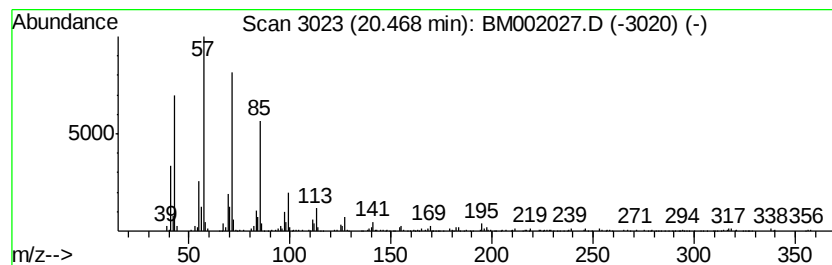
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	5.12 ng/ul	299382	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

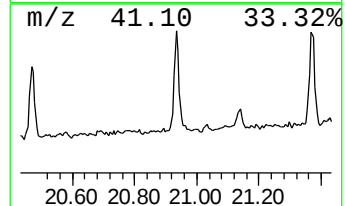
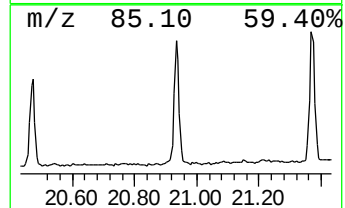
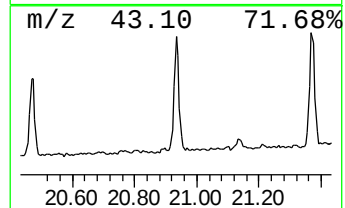
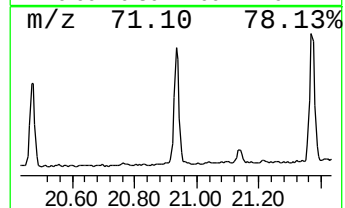
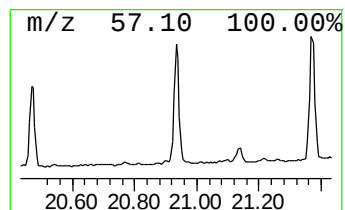
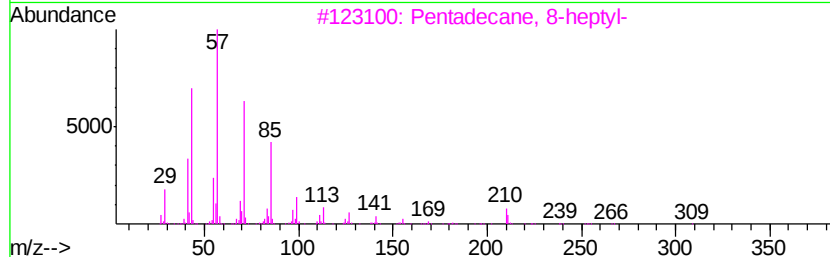
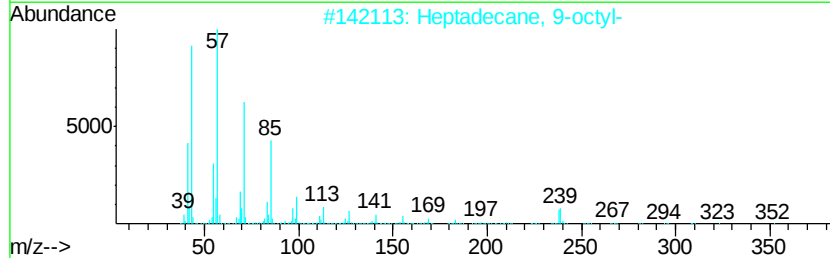
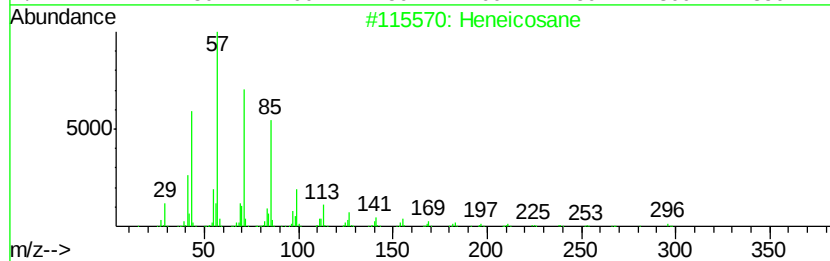
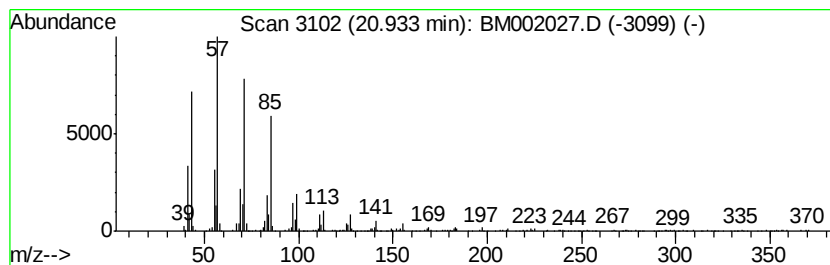
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	8.12 ng/ul	475404	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

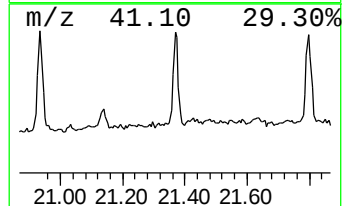
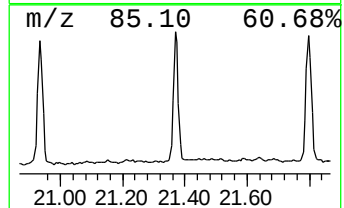
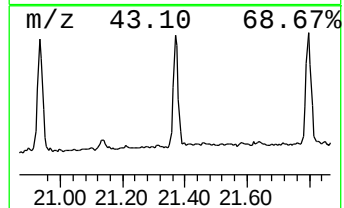
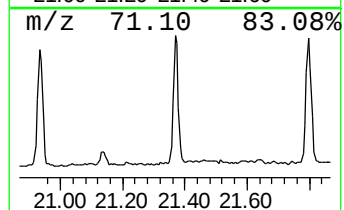
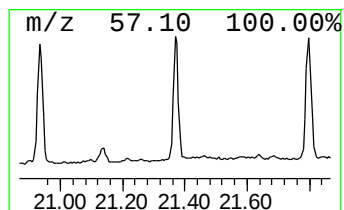
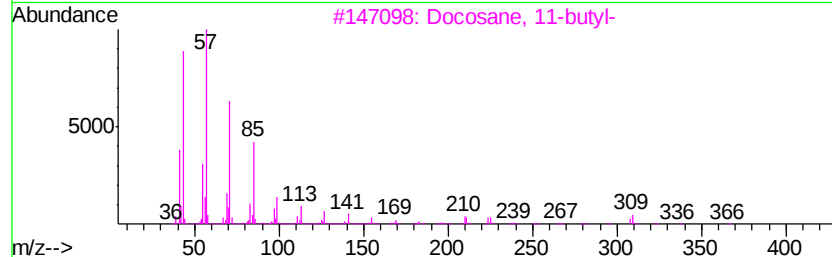
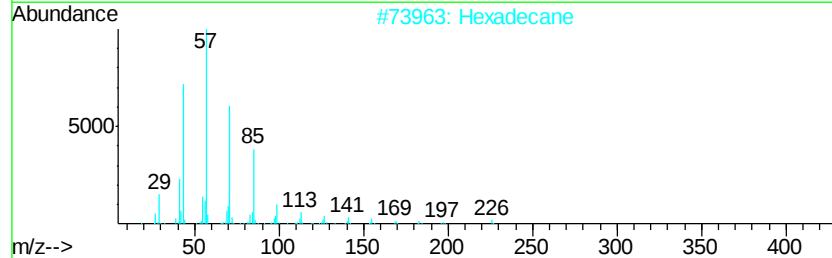
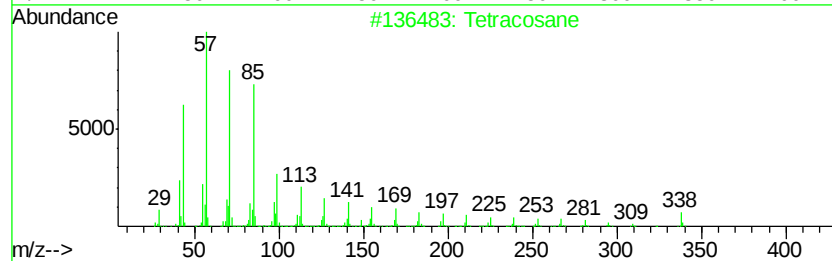
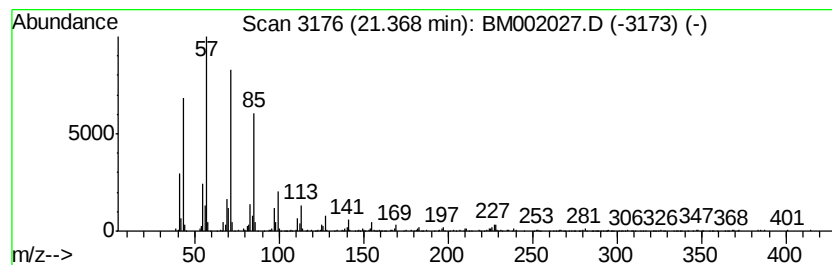
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	7.72 ng/ul	451838	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

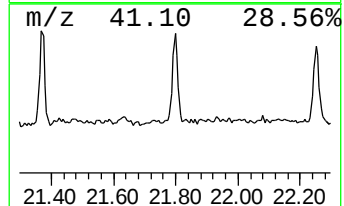
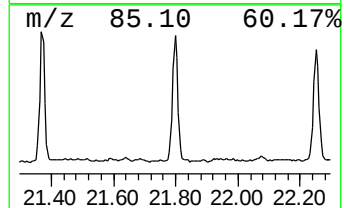
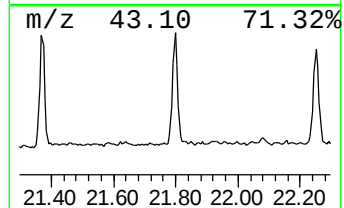
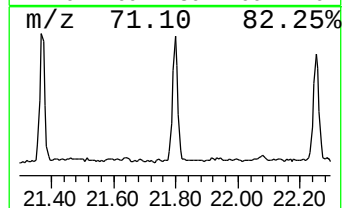
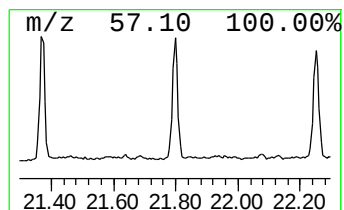
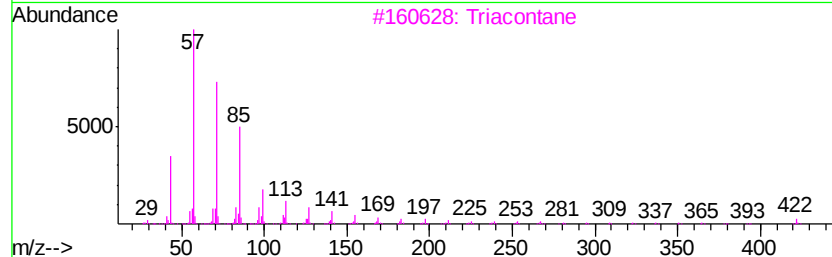
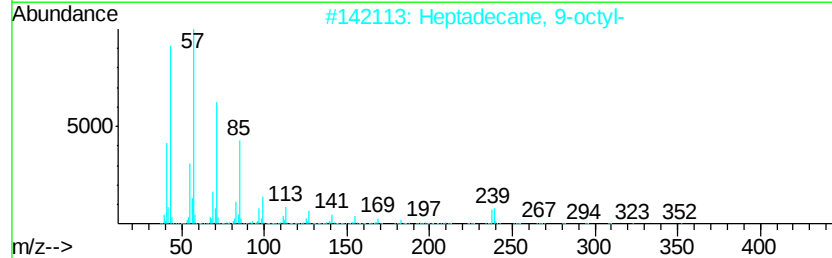
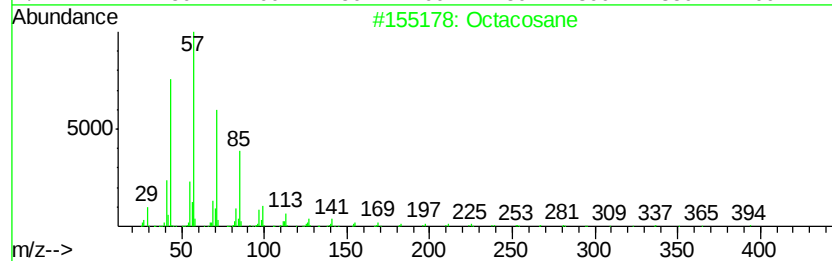
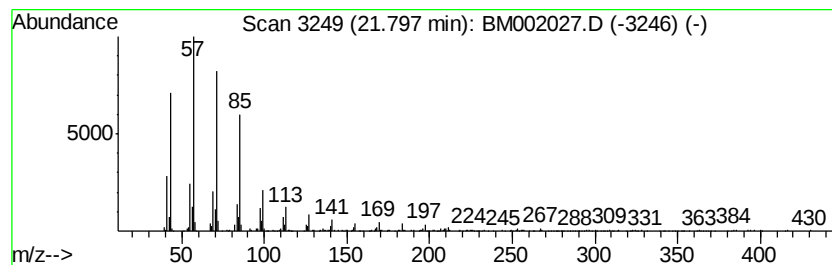
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	7.05 ng/ul	412459	Chrysene-d12	21.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	95
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			triacontane	422	C30H62	000638-68-6	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02K3RE

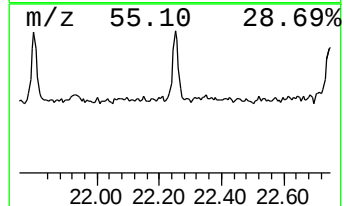
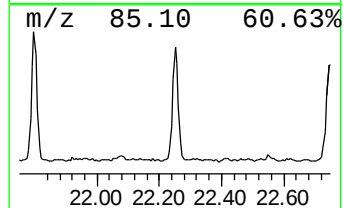
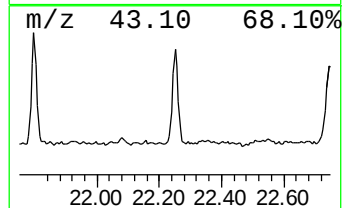
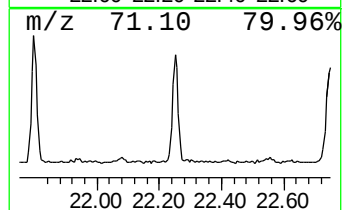
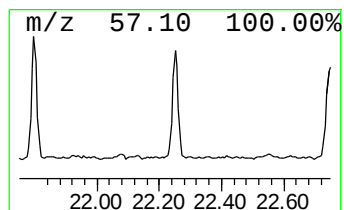
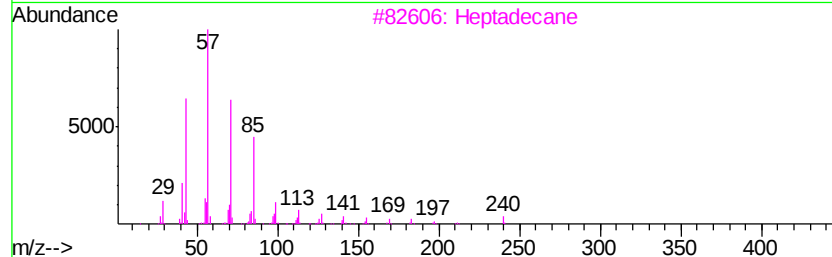
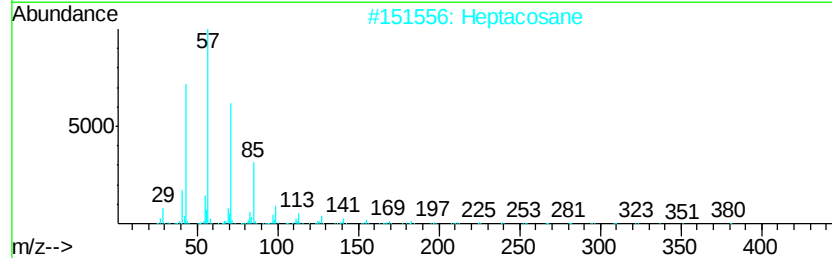
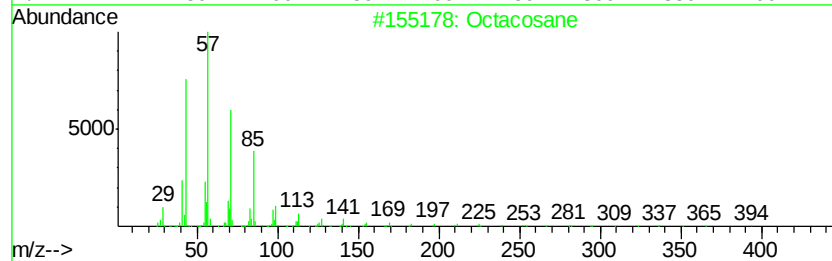
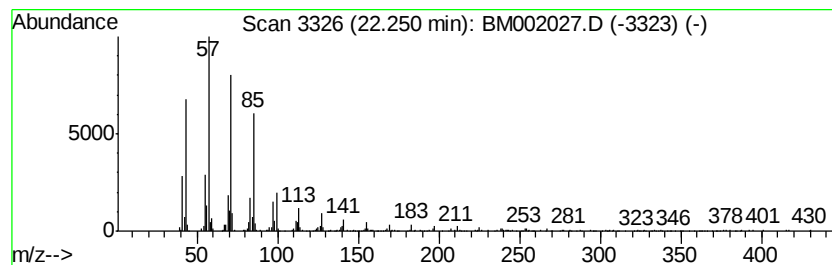
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	7.49 ng/ul	438454	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	94
2		Heptacosane	380	C27H56	000593-49-7	94
3		Heptadecane	240	C17H36	000629-78-7	93
4		Octacosane	394	C28H58	000630-02-4	91
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002027.D
 Acq On : 23 Jul 2015 21:38
 Operator : TP/UM
 Sample : G3000-22RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02K3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Buten-2-one, 3-...	2.79	2.5	ng/ul	58863	1	7.62	466403	20.0
Butane, 2-methoxy...	2.82	12.7	ng/ul	295343	1	7.62	466403	20.0
3-Penten-2-ol	2.88	2.0	ng/ul	47635	1	7.62	466403	20.0
unknown-01	3.60	2.0	ng/ul	47382	1	7.62	466403	20.0
Benzene, 1-(bromo...	9.43	2.1	ng/ul	66408	2	10.40	619111	20.0
(DEL) Alkane: Str...	15.53	4.2	ng/ul	183347	3	14.28	882426	20.0
(DEL) Alkane: Str...	16.02	7.2	ng/ul	323358	4	17.03	901621	20.0
(DEL) Alkane: Str...	16.83	3.5	ng/ul	160083	4	17.03	901621	20.0
unknown-02	17.92	2.1	ng/ul	96096	4	17.03	901621	20.0
10,18-Bisnorabiet...	19.14	4.3	ng/ul	251148	5	21.23	1170260	20.0
(DEL) Alkane: Str...	19.97	2.7	ng/ul	155715	5	21.23	1170260	20.0
(DEL) Alkane: Str...	20.47	5.1	ng/ul	299382	5	21.23	1170260	20.0
(DEL) Alkane: Str...	20.93	8.1	ng/ul	475404	5	21.23	1170260	20.0
(DEL) Alkane: Str...	21.37	7.7	ng/ul	451838	5	21.23	1170260	20.0
(DEL) Alkane: Str...	21.80	7.0	ng/ul	412459	5	21.23	1170260	20.0
(DEL) Alkane: Str...	22.25	7.5	ng/ul	438454	5	21.23	1170260	20.0