

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029232.D
 Acq On : 14 Oct 2017 20:53
 Operator : SJ/JU
 Sample : I5548-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB4

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-BG101417.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	3.550	39	44	52	rVB4	17859	33983	0.34%	0.061%
2	3.826	88	91	99	rVB5	5116	11698	0.12%	0.021%
3	4.085	131	135	144	rVB2	24386	38777	0.39%	0.069%
4	5.248	325	333	337	rBV7	4368	11982	0.12%	0.021%
5	5.336	341	348	355	rVB7	5164	11337	0.11%	0.020%
6	6.147	482	486	492	rVB8	5583	10578	0.11%	0.019%
7	6.235	495	501	509	rBV6	4194	10841	0.11%	0.019%
8	6.852	599	606	620	rVB	367533	597146	5.97%	1.065%
9	7.163	647	659	669	rBV5	31024	89612	0.90%	0.160%
10	7.322	675	686	701	rVB2	289412	564473	5.64%	1.007%
11	7.487	706	714	726	rBV	227716	388416	3.88%	0.693%
12	7.616	729	736	744	rVB4	29771	59301	0.59%	0.106%
13	7.704	744	751	759	rVB	275392	473600	4.73%	0.845%
14	8.174	823	831	844	rVB	372028	641191	6.41%	1.143%
15	8.403	860	870	876	rBV7	13392	29584	0.30%	0.053%
16	8.456	876	879	891	rVB8	5317	13791	0.14%	0.025%
17	8.873	941	950	958	rBV2	254573	443567	4.43%	0.791%
18	9.337	1013	1029	1038	rBV	280071	502249	5.02%	0.896%
19	9.437	1042	1046	1052	rVB5	11358	19421	0.19%	0.035%
20	9.490	1052	1055	1064	rVB6	5640	11379	0.11%	0.020%
21	10.066	1144	1153	1161	rBV	212912	401334	4.01%	0.716%
22	10.195	1168	1175	1182	rBV4	20925	50660	0.51%	0.090%
23	10.283	1185	1190	1201	rVB9	8030	20515	0.20%	0.037%
24	10.606	1237	1245	1260	rVB	370143	649667	6.49%	1.159%
25	10.994	1302	1311	1324	rBV	545555	1005241	10.04%	1.793%
26	11.118	1324	1332	1347	rVB	170242	334032	3.34%	0.596%
27	11.282	1356	1360	1367	rVB8	6685	14215	0.14%	0.025%
28	11.364	1370	1374	1382	rVB7	9734	19447	0.19%	0.035%
29	11.458	1382	1390	1397	rVV	37566	69431	0.69%	0.124%
30	12.152	1498	1508	1512	rBV9	6445	14907	0.15%	0.027%
31	12.193	1512	1515	1523	rVB7	7106	13369	0.13%	0.024%
32	12.445	1553	1558	1564	rVB8	7606	14037	0.14%	0.025%
33	12.592	1573	1583	1588	rVV9	23622	54105	0.54%	0.096%
34	12.639	1588	1591	1598	rVB7	7290	12646	0.13%	0.023%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029232.D
 Acq On : 14 Oct 2017 20:53
 Operator : SJ/JU
 Sample : I5548-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB4

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-BG101417.M
 Title : SVOA CALIBRATION

35	12.868	1623	1630	1635	rBV5	7659	13798	0.14%	0.025%
36	13.168	1673	1681	1688	rVV5	36041	75417	0.75%	0.134%
37	13.350	1705	1712	1716	rBV10	7473	15832	0.16%	0.028%
38	13.397	1716	1720	1726	rVB8	9197	16342	0.16%	0.029%
39	13.550	1739	1746	1753	rBV9	33676	76850	0.77%	0.137%
40	13.679	1761	1768	1777	rBV2	151509	257293	2.57%	0.459%
41	13.773	1777	1784	1789	rVV8	10266	19470	0.19%	0.035%
42	13.873	1795	1801	1814	rBV2	34542	75068	0.75%	0.134%
43	14.120	1832	1843	1849	rBV	1824423	2779143	27.76%	4.956%
44	14.190	1849	1855	1859	rVV	622134	1078100	10.77%	1.923%
45	14.232	1859	1862	1872	rVB	282427	417996	4.18%	0.745%
46	14.490	1898	1906	1913	rBV	742939	1272406	12.71%	2.269%
47	14.561	1914	1918	1924	rVV7	16005	26005	0.26%	0.046%
48	14.631	1924	1930	1934	rVV2	48165	72661	0.73%	0.130%
49	14.678	1934	1938	1942	rVV3	28466	46975	0.47%	0.084%
50	14.749	1942	1950	1954	rVV	625938	979867	9.79%	1.747%
51	14.796	1954	1958	1964	rVV2	798065	1279690	12.78%	2.282%
52	14.860	1964	1969	1980	rVB3	97816	241106	2.41%	0.430%
53	14.966	1982	1987	1994	rBV	207909	346679	3.46%	0.618%
54	15.060	1994	2003	2007	rVV4	111328	281230	2.81%	0.502%
55	15.107	2007	2011	2019	rVB2	60683	129167	1.29%	0.230%
56	15.189	2019	2025	2038	rBV2	22482	76009	0.76%	0.136%
57	15.401	2057	2061	2065	rBV7	19195	28615	0.29%	0.051%
58	15.477	2071	2074	2077	rVB5	8786	12965	0.13%	0.023%
59	15.507	2077	2079	2086	rVB8	10797	15382	0.15%	0.027%
60	15.589	2088	2093	2094	rBV4	11078	15433	0.15%	0.028%
61	15.624	2095	2099	2103	rVB2	31519	40408	0.40%	0.072%
62	15.677	2103	2108	2116	rBV6	50351	128683	1.29%	0.229%
63	15.777	2117	2125	2133	rBV	1244712	2007144	20.05%	3.580%
64	15.889	2137	2144	2154	rVB	196982	328523	3.28%	0.586%
65	16.024	2161	2167	2171	rVB9	31658	58602	0.59%	0.105%
66	16.112	2172	2182	2187	rBV9	69812	143138	1.43%	0.255%
67	16.188	2189	2195	2199	rBV7	36610	69753	0.70%	0.124%
68	16.253	2200	2206	2213	rVB	236522	378014	3.78%	0.674%
69	16.347	2217	2222	2229	rBV	31673	55574	0.56%	0.099%
70	16.476	2239	2244	2252	rBV3	87994	151201	1.51%	0.270%
71	16.623	2263	2269	2273	rBV5	68831	108681	1.09%	0.194%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029232.D
 Acq On : 14 Oct 2017 20:53
 Operator : SJ/JU
 Sample : I5548-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB4

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-BG101417.M
 Title : SVOA CALIBRATION

72	16.881	2311	2313	2322	rVB10	17167	36931	0.37%	0.066%
73	17.064	2340	2344	2346	rBV5	19161	27597	0.28%	0.049%
74	17.269	2376	2379	2383	rBV5	48386	59514	0.59%	0.106%
75	17.398	2397	2401	2408	rBV9	51068	102534	1.02%	0.183%
76	17.469	2409	2413	2416	rBV5	38024	52080	0.52%	0.093%
77	17.528	2418	2423	2428	rBV2	934470	1446104	14.45%	2.579%
78	17.628	2434	2440	2449	rBV	892396	1355961	13.55%	2.418%
79	17.716	2453	2455	2460	rVB6	27806	37309	0.37%	0.067%
80	18.280	2546	2551	2557	rBV8	83309	171259	1.71%	0.305%
81	18.339	2557	2561	2566	rBV2	117136	202253	2.02%	0.361%
82	18.403	2567	2572	2581	rVV	581513	849504	8.49%	1.515%
83	18.697	2618	2622	2625	rBV5	40087	76359	0.76%	0.136%
84	18.856	2646	2649	2652	rBV4	53743	83733	0.84%	0.149%
85	19.567	2765	2770	2774	rVB	284684	409724	4.09%	0.731%
86	19.661	2783	2786	2790	rBV3	149262	231737	2.31%	0.413%
87	19.901	2821	2827	2838	rBV2	985316	1775678	17.74%	3.167%
88	20.701	2961	2963	2967	rVB2	201151	156441	1.56%	0.279%
89	21.071	3023	3026	3031	rVB	246482	306203	3.06%	0.546%
90	21.253	3049	3057	3062	rBV	6842040	10010394	100.00%	17.853%
91	21.423	3081	3086	3094	rVB	509478	787570	7.87%	1.405%
92	21.676	3125	3129	3136	rVB	299663	462333	4.62%	0.825%
93	21.799	3143	3150	3156	rBV2	892702	1600423	15.99%	2.854%
94	22.634	3286	3292	3306	rVB2	643595	1741202	17.39%	3.105%
95	24.173	3546	3554	3560	rBV	1540473	3341367	33.38%	5.959%
96	24.884	3669	3675	3684	rVB2	438305	1017812	10.17%	1.815%
97	25.113	3706	3714	3730	rBV3	497102	2022687	20.21%	3.607%
98	26.341	3913	3923	3934	rVB	1087587	3402122	33.99%	6.067%
99	29.455	4448	4453	4474	rVB3	359341	1311719	13.10%	2.339%
100	30.654	4643	4657	4684	rVB6	555148	3238371	32.35%	5.775%

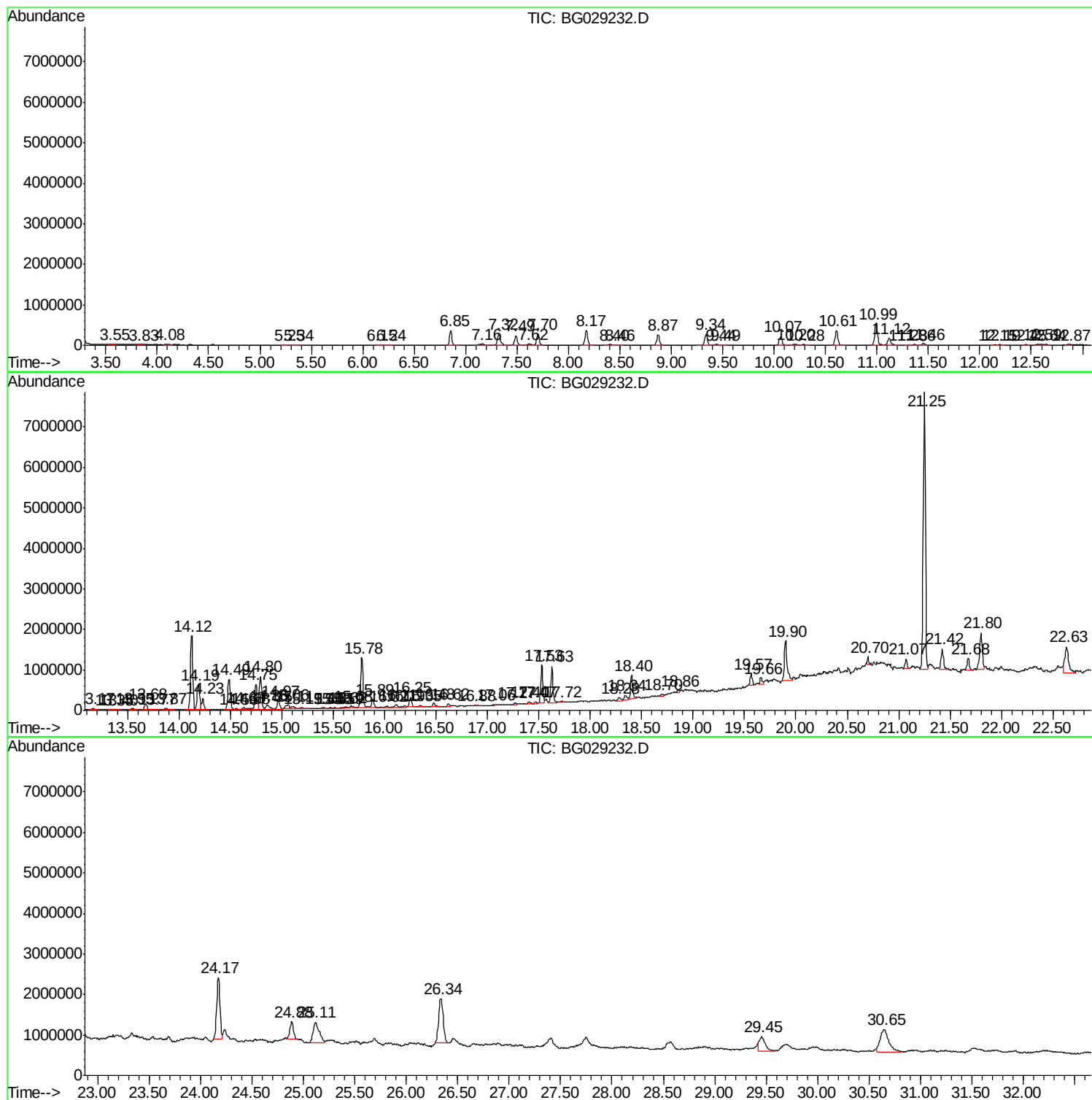
Sum of corrected areas: 56072673

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

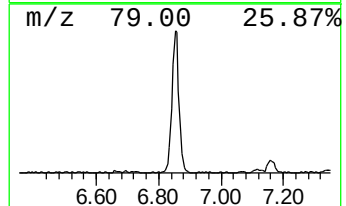
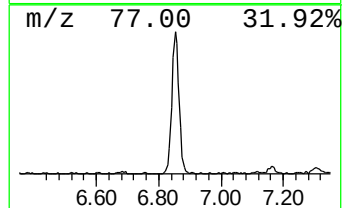
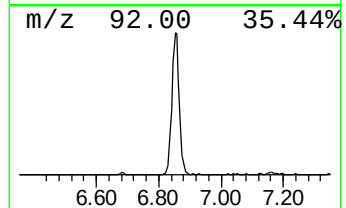
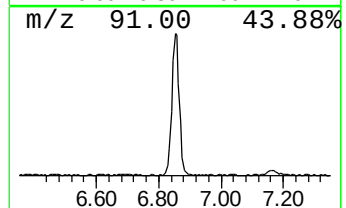
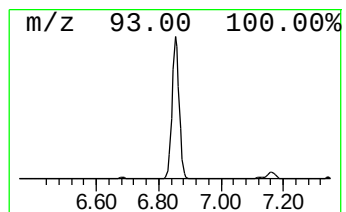
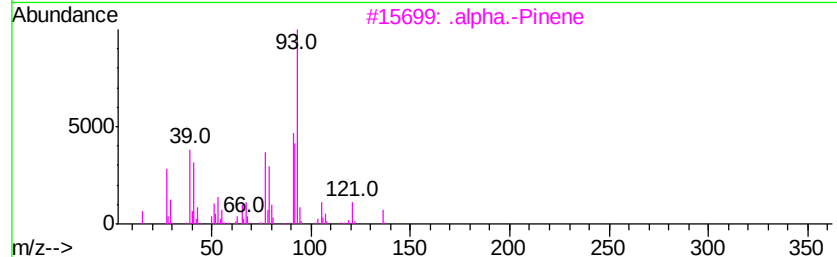
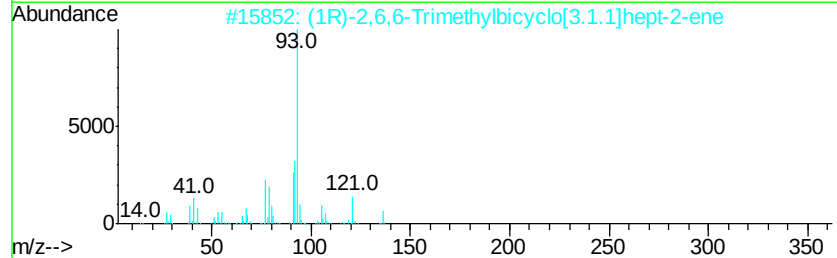
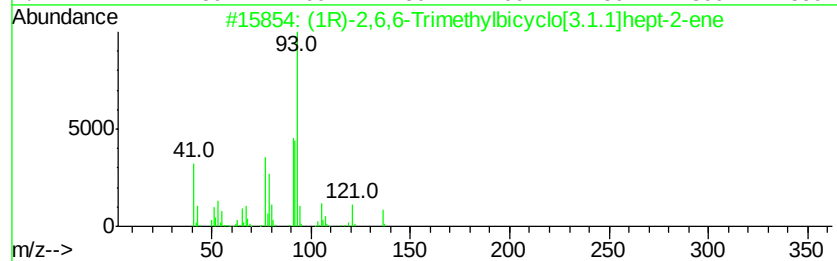
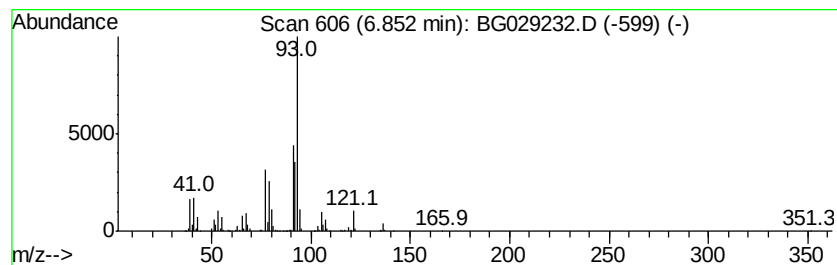
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	18.63 ng/ul	597146	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	95
4		.alpha.-Pinene	136	C10H16	000080-56-8	95
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

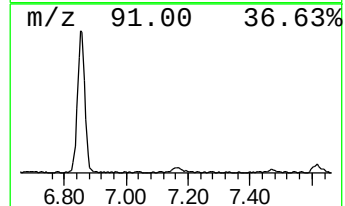
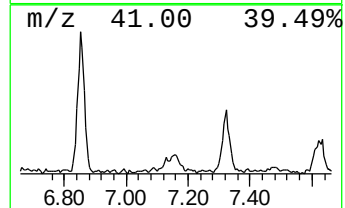
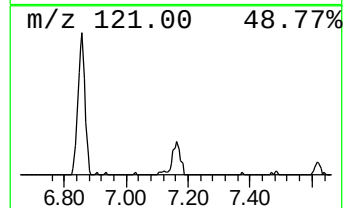
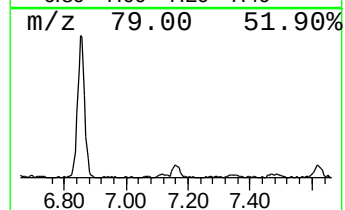
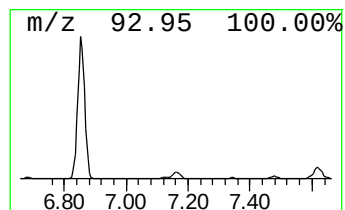
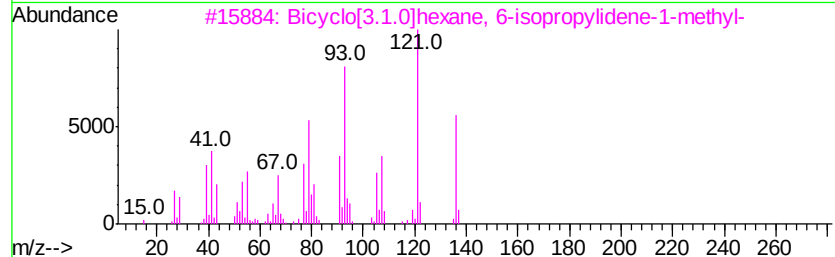
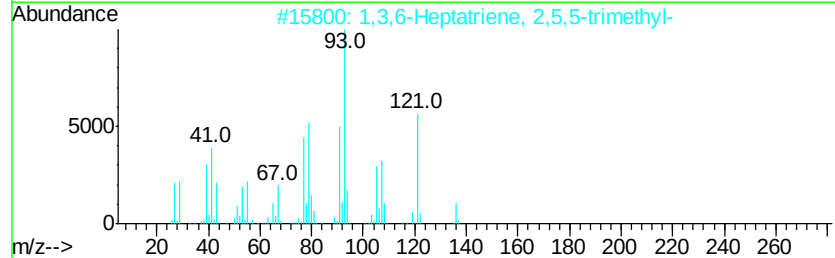
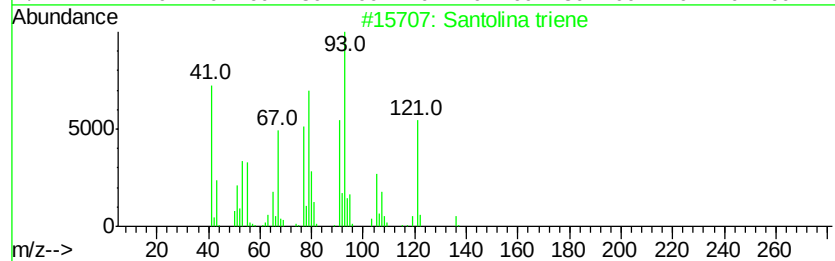
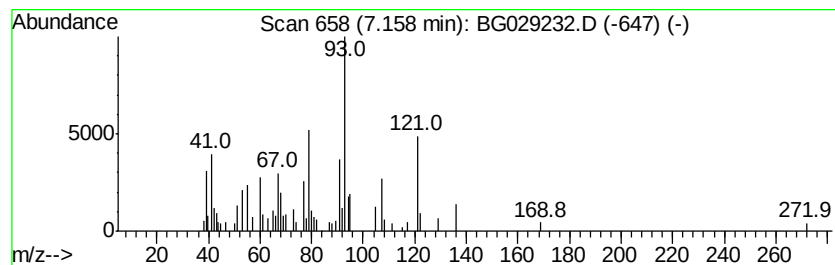
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Santolina triene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	2.80 ng/ul	89612	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Santolina triene	136	C10H16	002153-66-4	70
2		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	70
3		Bicyclo[3.1.0]hexane, 6-isopropyl-	136	C10H16	024524-57-0	68
4		Camphene	136	C10H16	000079-92-5	62
5		Cyclohexene, 1-methyl-4-(1-methyl-)	136	C10H16	000586-62-9	60



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

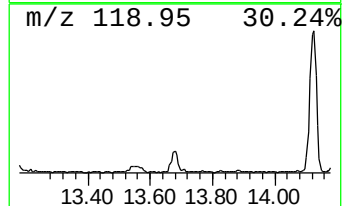
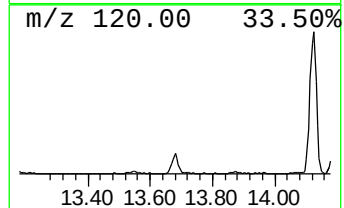
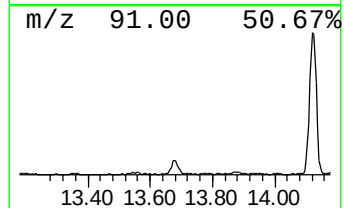
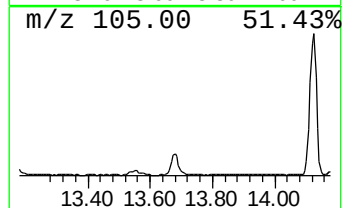
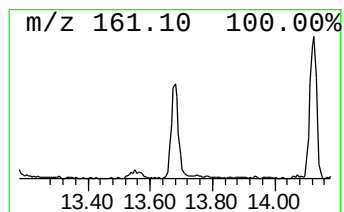
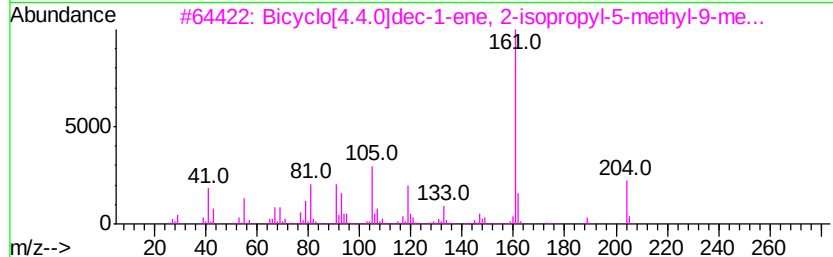
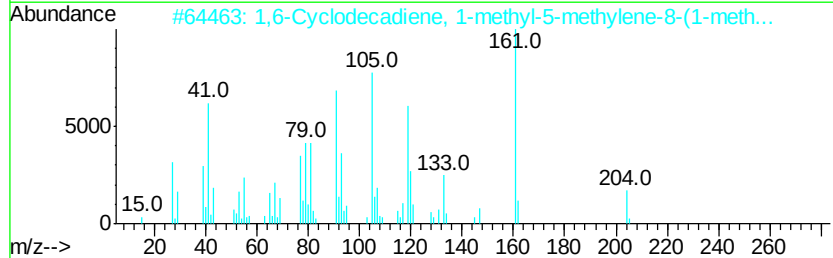
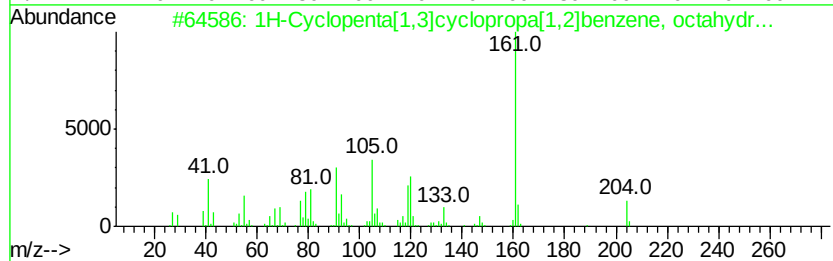
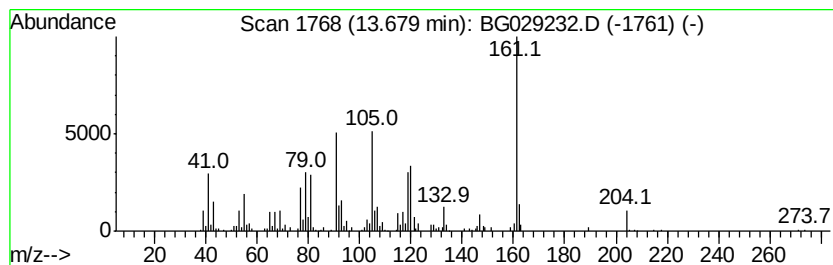
Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	4.02 ng/ul	257293	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cyclopenta[1,3]cyclopropa[1,2]...	204 C15H24	013744-15-5 94
2		1,6-Cyclodecadiene, 1-methyl-5-m...	204 C15H24	023986-74-5 93
3		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204 C15H24	150320-52-8 93
4		1H-Cyclopenta[1,3]cyclopropa[1,2]...	204 C15H24	013744-15-5 87
5		(+)-epi-Bicyclosesquiphellandrene	204 C15H24	054274-73-6 87



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

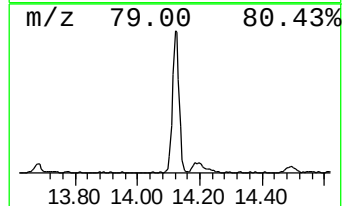
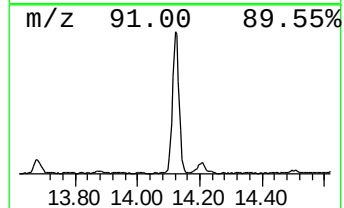
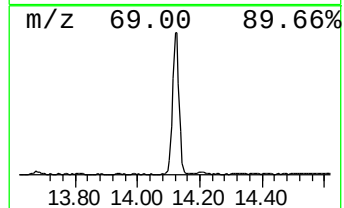
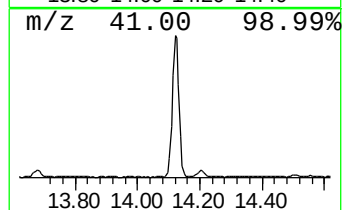
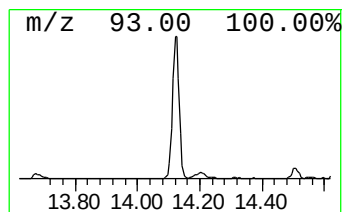
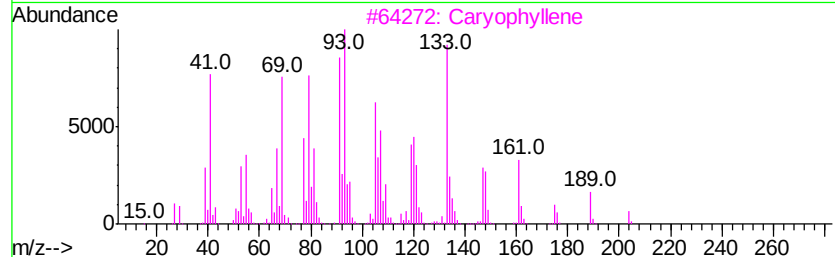
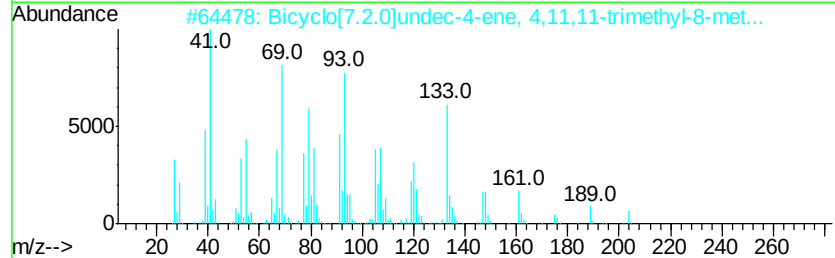
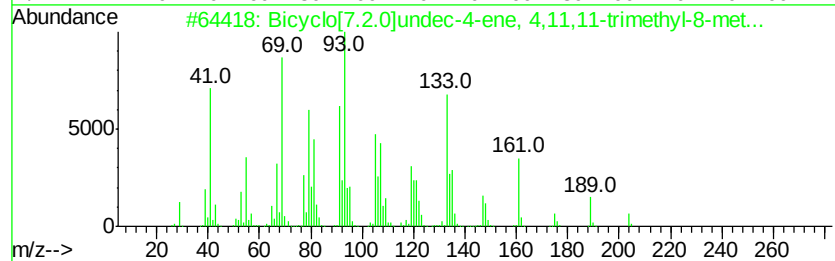
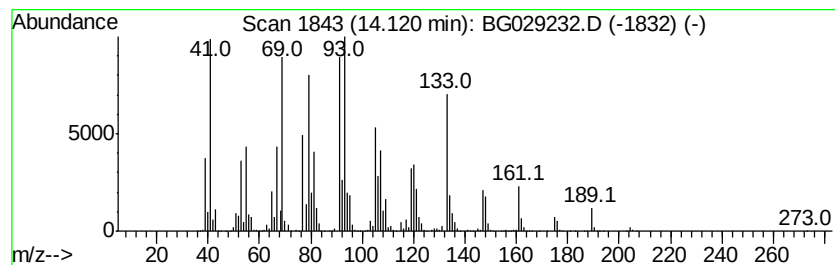
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Bicyclo[7.2.0]undec-4-ene, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	43.43 ng/ul	2779140	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	94
2		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
3		Carvophyllene	204	C15H24	000087-44-5	91
4		Isocaryophyllene	204	C15H24	1000140-07-2	90
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

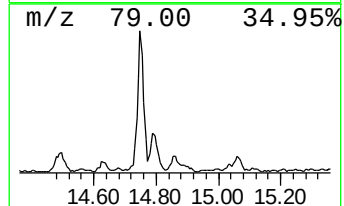
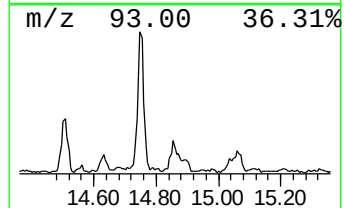
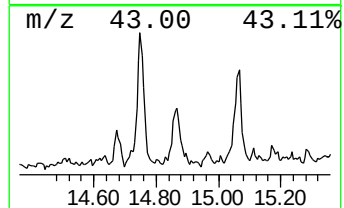
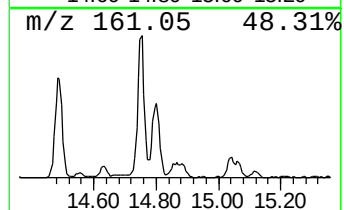
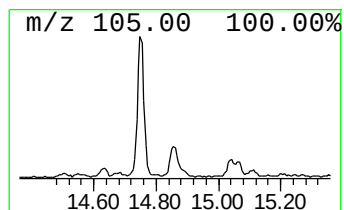
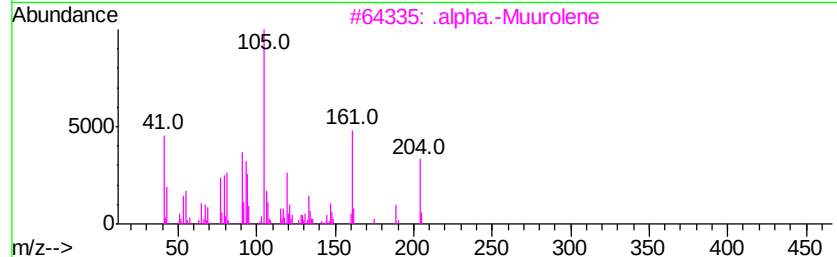
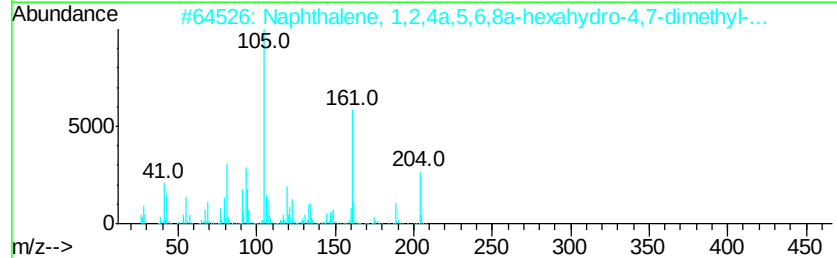
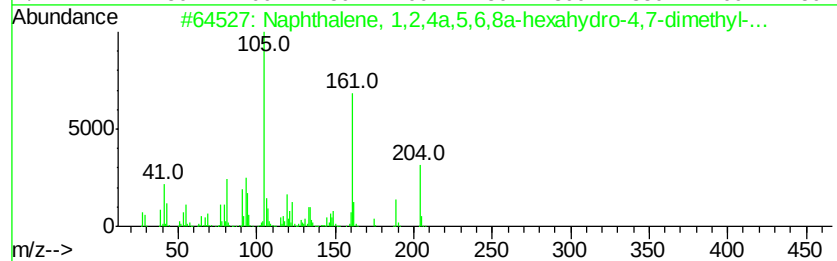
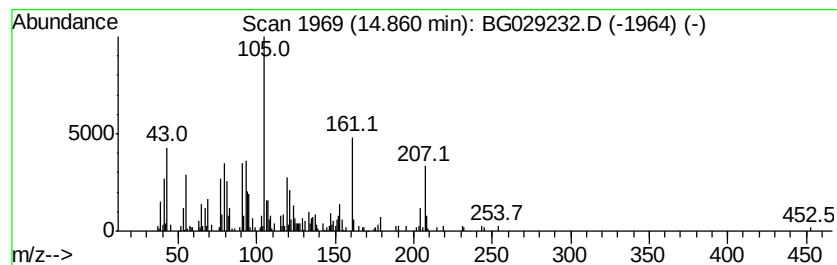
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.77 ng/ul	241106	Acenaphthene-d10	14.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	64
2		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	64
3		.alpha.-Muurolene	204	C15H24	031983-22-9	49
4		.alpha.-Muurolene	204	C15H24	031983-22-9	43
5		Ylangene	204	C15H24	014912-44-8	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

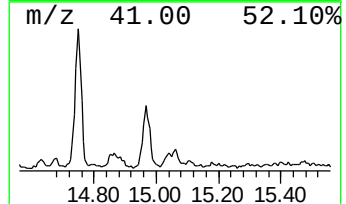
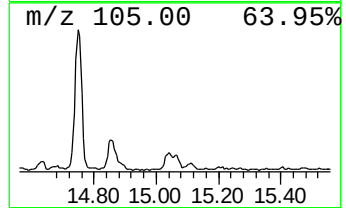
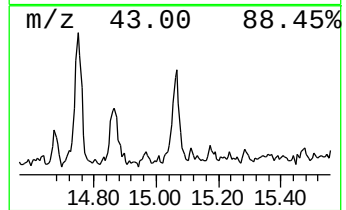
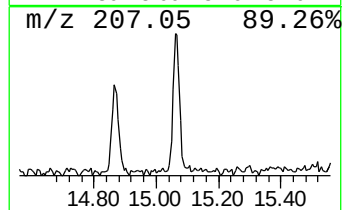
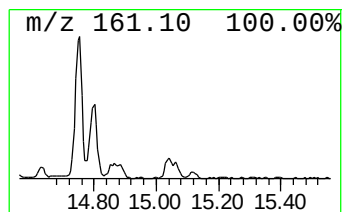
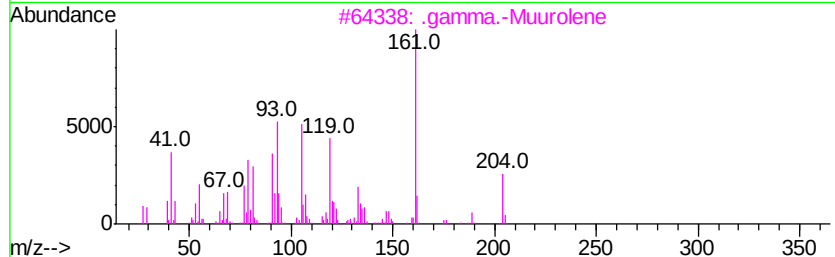
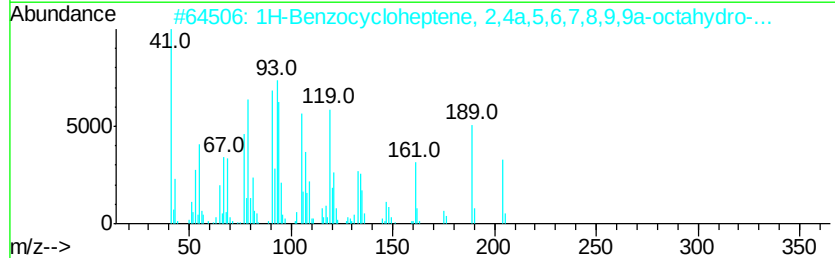
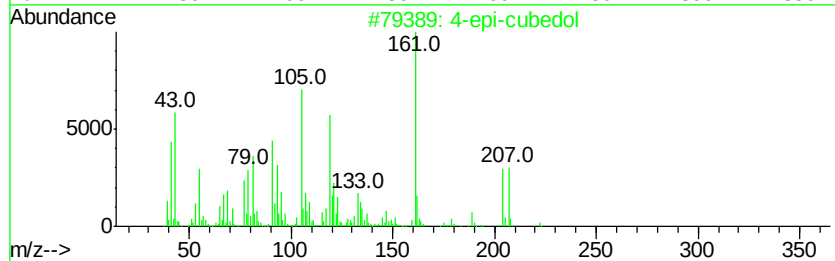
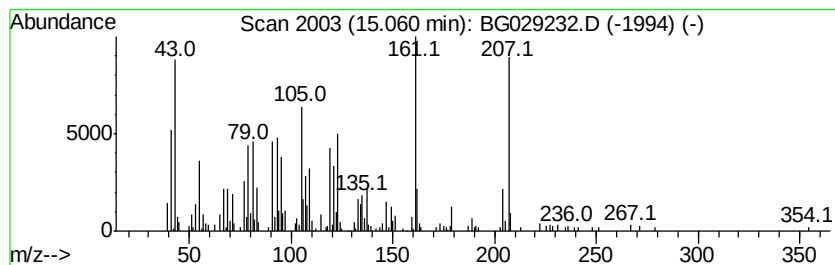
Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.40 ng/ul	281230	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-epi-cubedol	222 C15H26O	1000374-16-0	49
2	1H-Benzocycloheptene, 2,4a,5,6,7...	204 C15H24	003853-83-6	46
3	.gamma.-Muurolene	204 C15H24	030021-74-0	42
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	039029-41-9	42
5	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204 C15H24	150320-52-8	41



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

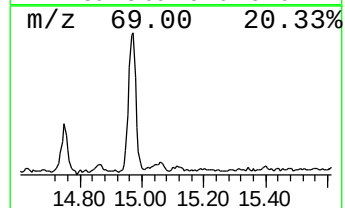
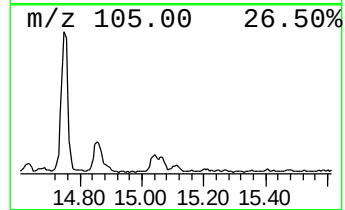
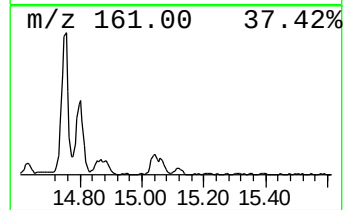
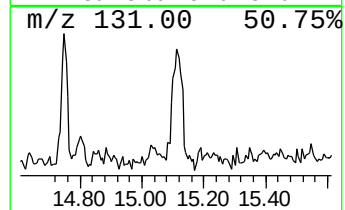
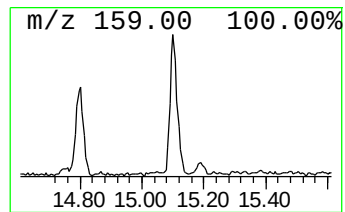
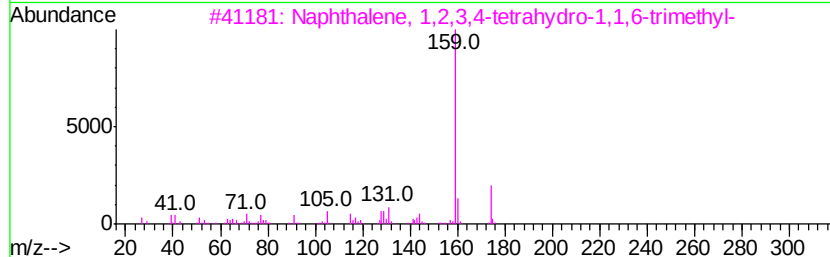
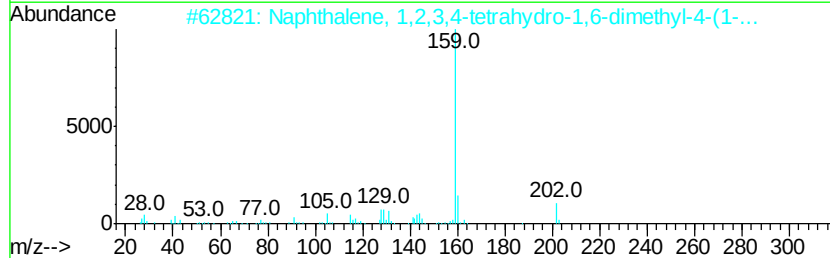
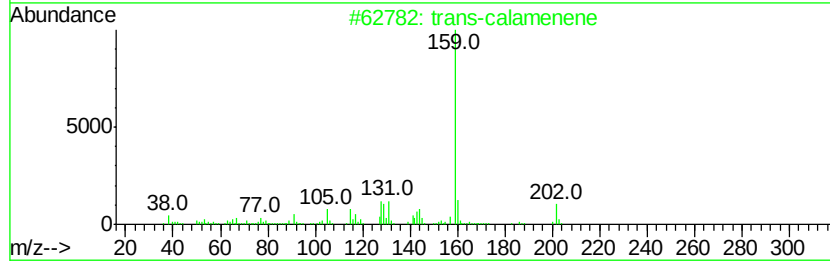
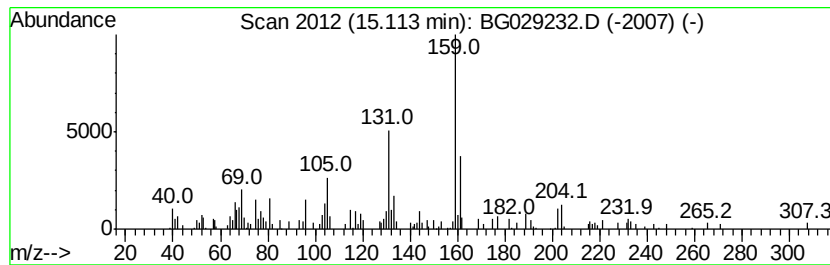
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 trans-calamenene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.02 ng/ul	129167	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-calamenene	202	C15H22	1000374-17-3	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	72
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	64
4		3,5-Diphenyl-4-methyl-3-penten-2...	250	C18H180	081826-04-2	59
5		4-Hydroxy-4-methyl-4H-naphthalen...	174	C11H1002	042860-82-2	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

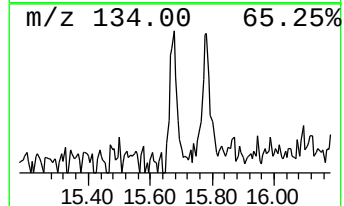
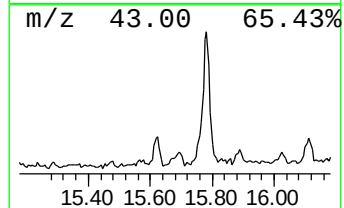
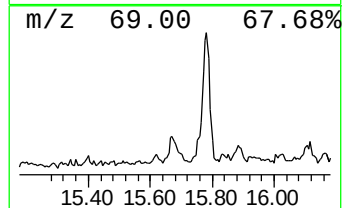
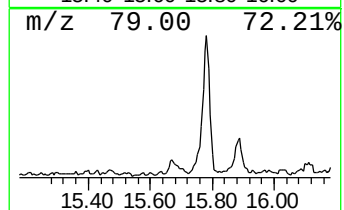
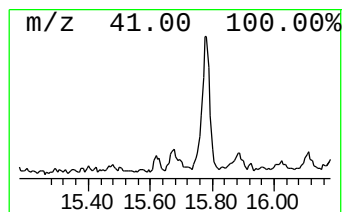
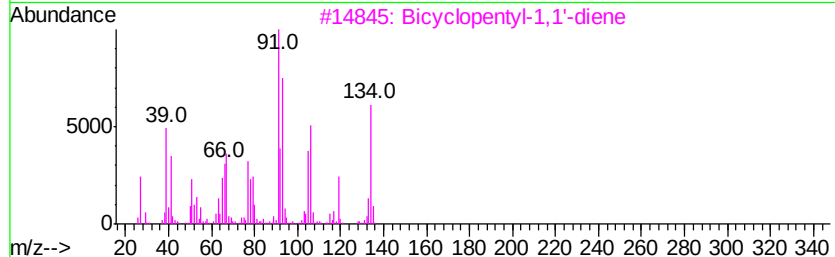
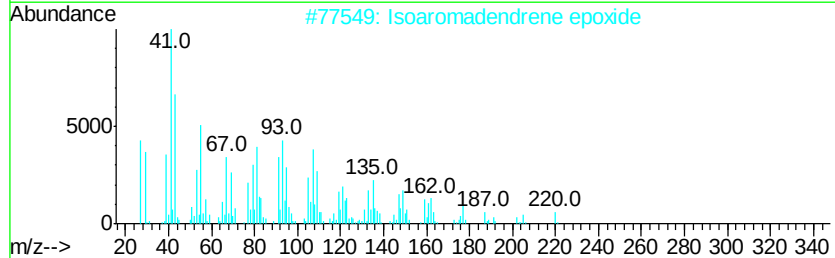
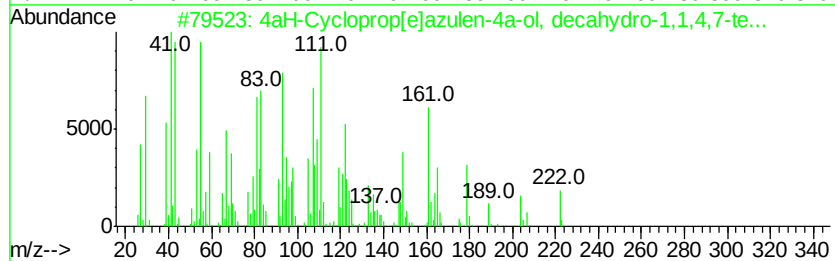
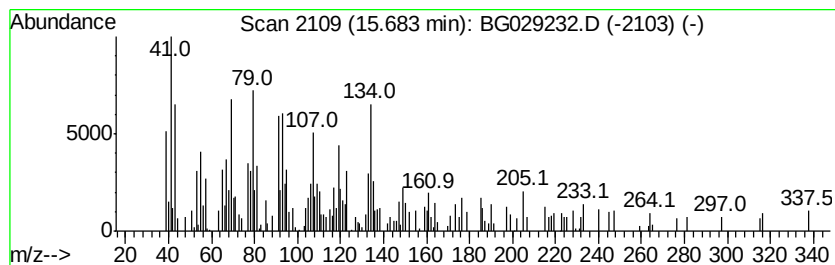
Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 4aH-Cycloprop[e]azulen-4a-o... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.01 ng/ul	128683	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4aH-Cycloprop[elazulen-4a-ol, de...	222 C15H26O	005986-49-2 91
2		Isoaromadendrene epoxide	220 C15H24O	1000159-36-6 43
3		Bicyclopentyl-1,1'-diene	134 C10H14	000934-02-1 38
4		Benzene, (2-propenyloxy)-	134 C9H10O	001746-13-0 27
5		Tricyclo[3.3.0.0(2,8)]octan-3-on...	190 C13H18O	1000150-11-8 25



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

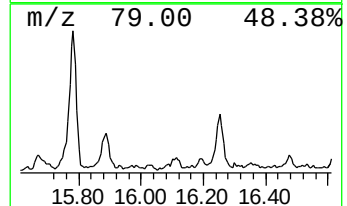
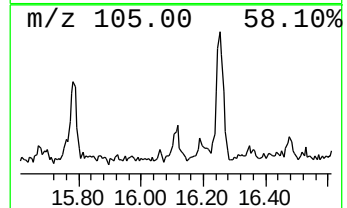
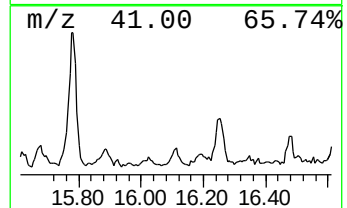
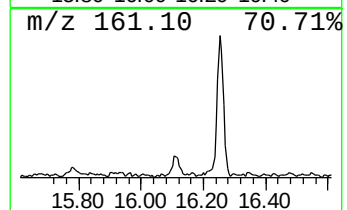
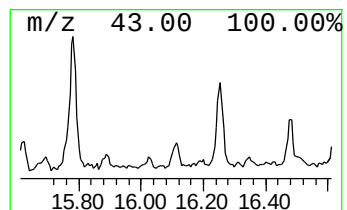
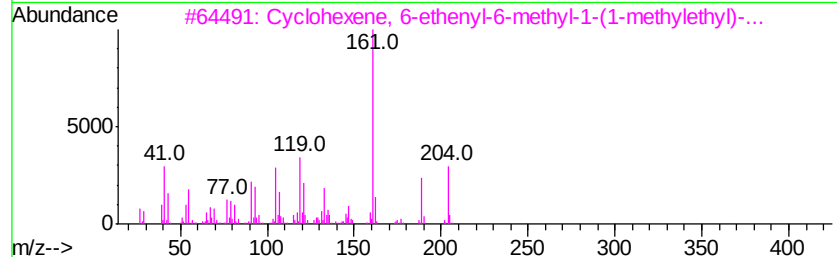
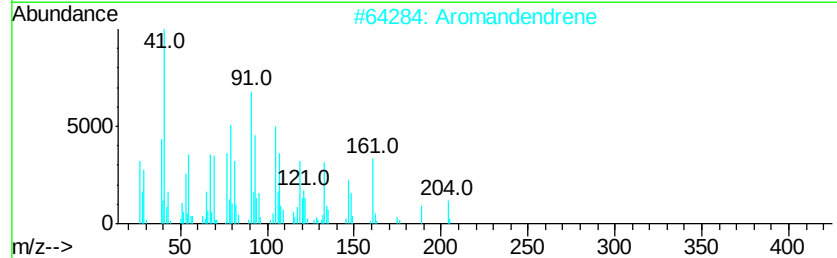
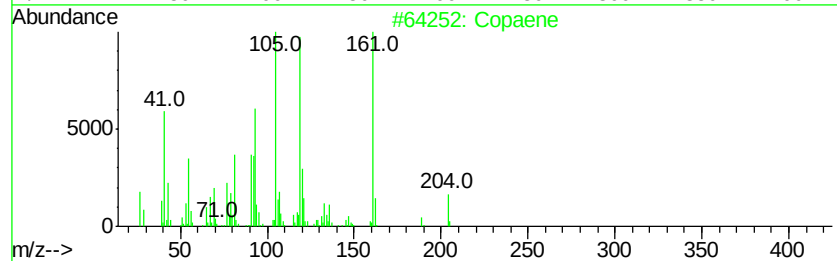
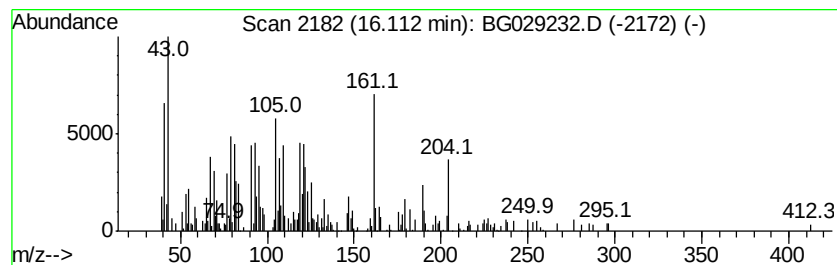
Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Copaene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.24 ng/ul	143138	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Copaene	204	C15H24	003856-25-5 84
2	Aromandendrene	204	C15H24	000489-39-4 78
3	Cyclohexene, 6-ethenyl-6-methyl-...	204	C15H24	005951-67-7 70
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7 64
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3 64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

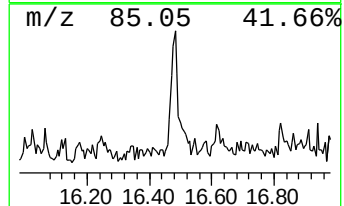
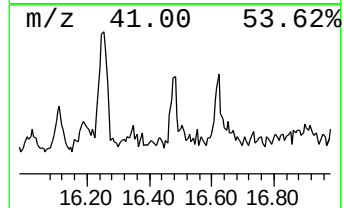
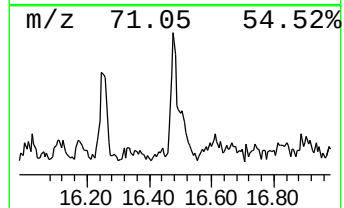
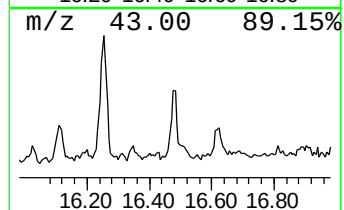
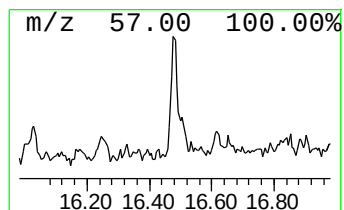
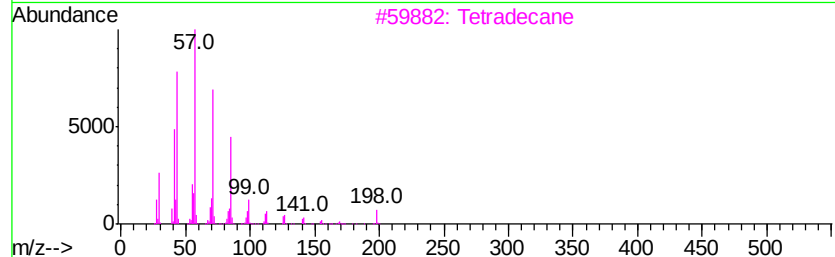
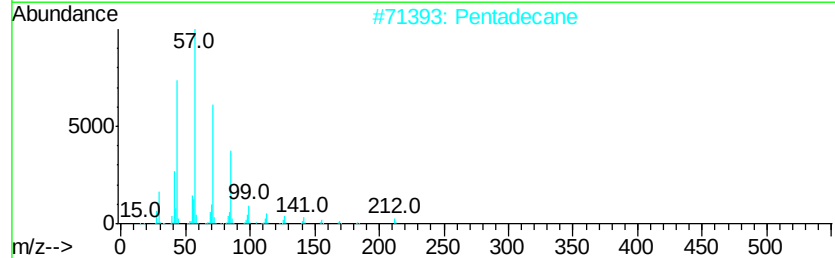
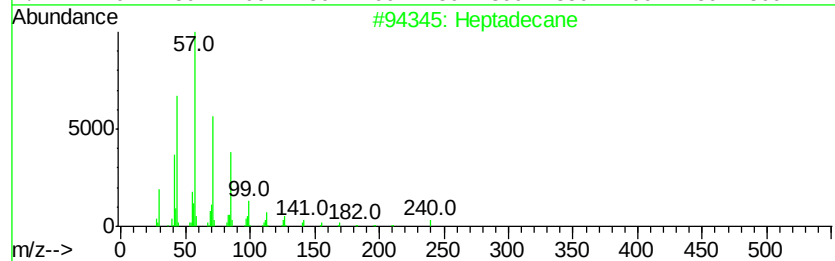
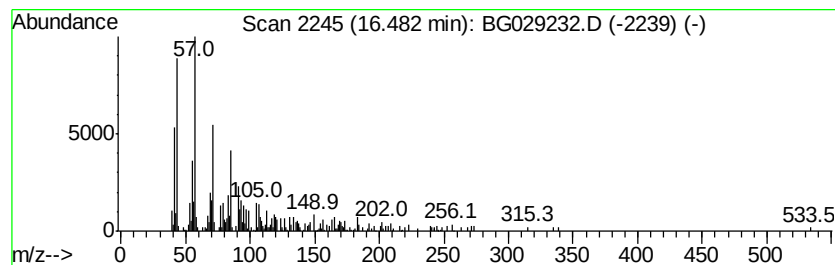
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	2.09 ng/ul	151201	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	62
2		Pentadecane	212	C15H32	000629-62-9	56
3		Tetradecane	198	C14H30	000629-59-4	56
4		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
5		Dodecane	170	C12H26	000112-40-3	46



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

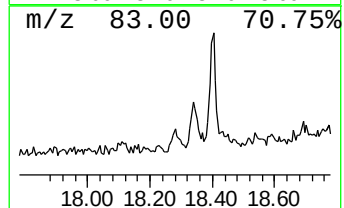
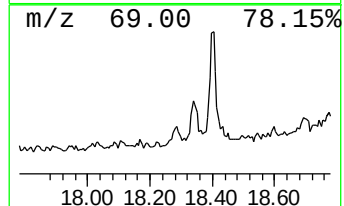
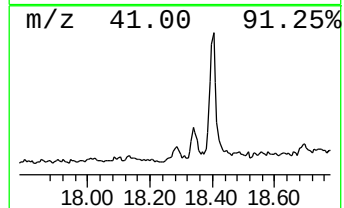
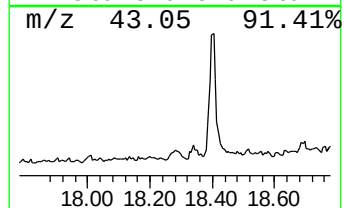
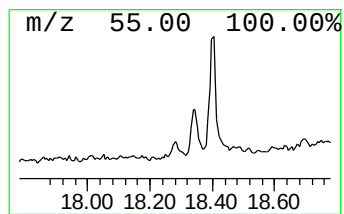
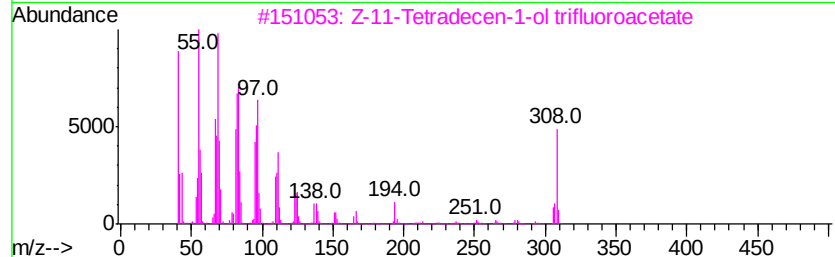
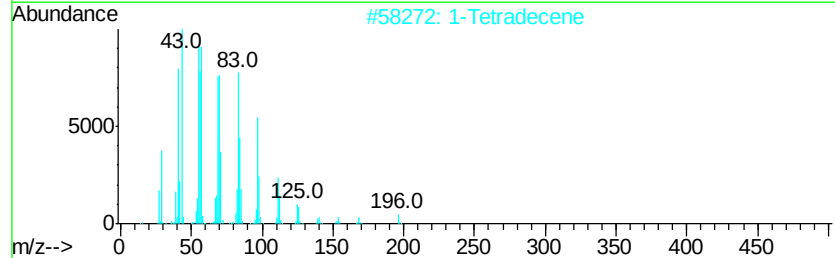
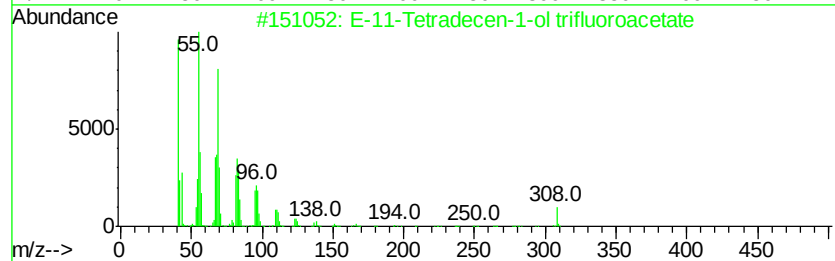
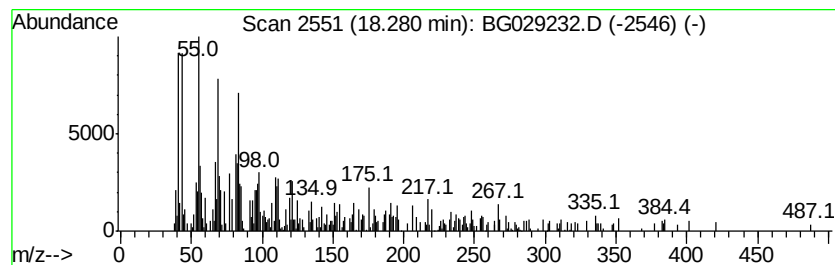
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 E-11-Tetradecen-1-ol triflu... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.37 ng/ul	171259	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-11-Tetradecen-1-ol trifluoroac...	308	C16H27F3O2	1000130-84-1	64
2		1-Tetradecene	196	C14H28	001120-36-1	50
3		Z-11-Tetradecen-1-ol trifluoroac...	308	C16H27F3O2	1000131-33-7	50
4		7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	50
5		1-Formyl-2,2,6-trimethyl-3-trans...	220	C15H24O	1000144-09-9	46



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

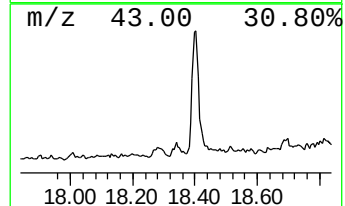
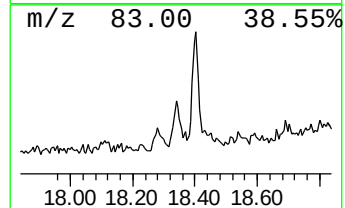
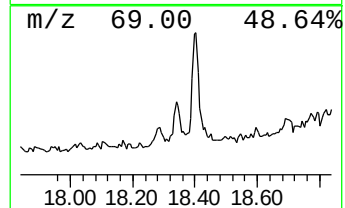
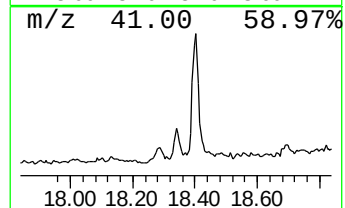
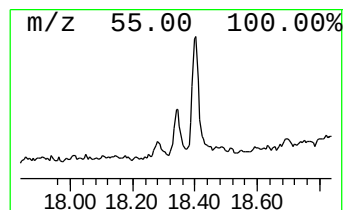
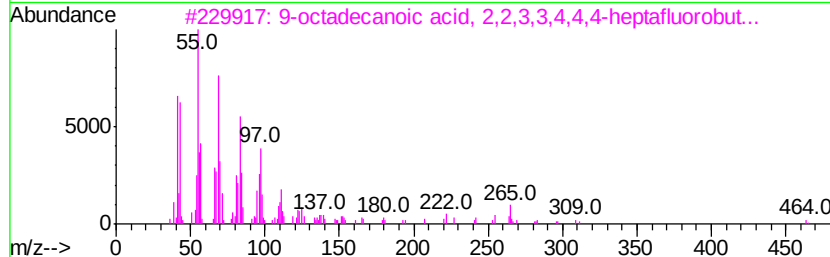
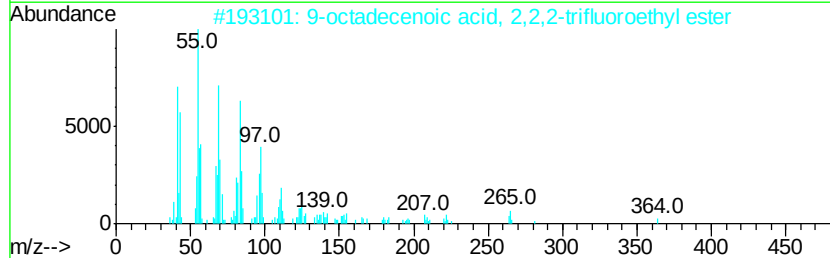
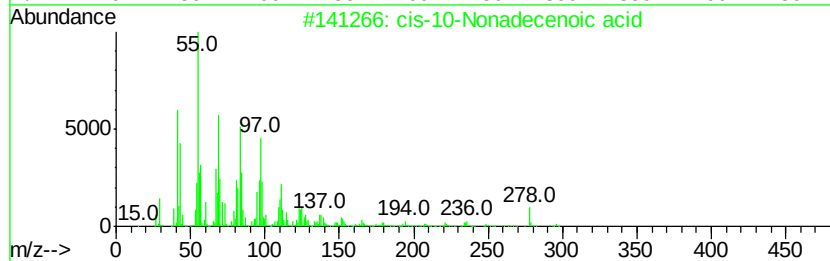
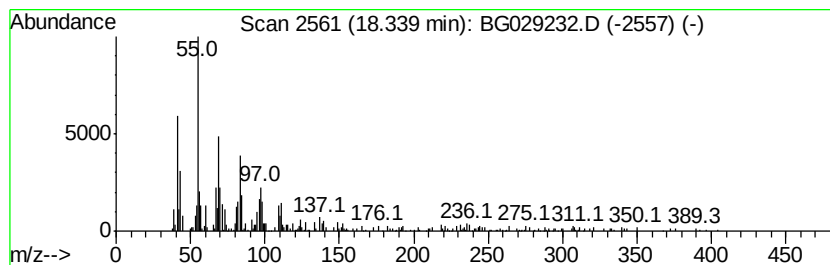
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 cis-10-Nonadecenoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.80 ng/ul	202253	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	86
2		9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	83
3		9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	83
4		Erucic acid	338	C22H42O2	000112-86-7	83
5		Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	80



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

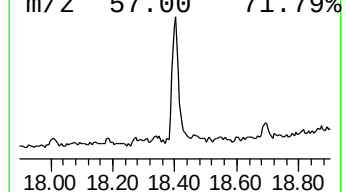
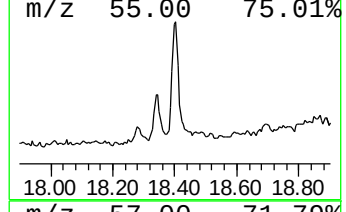
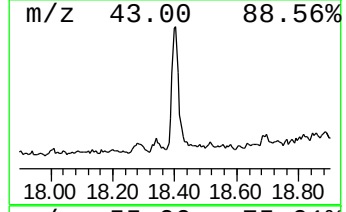
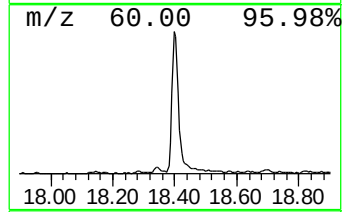
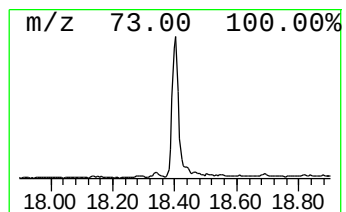
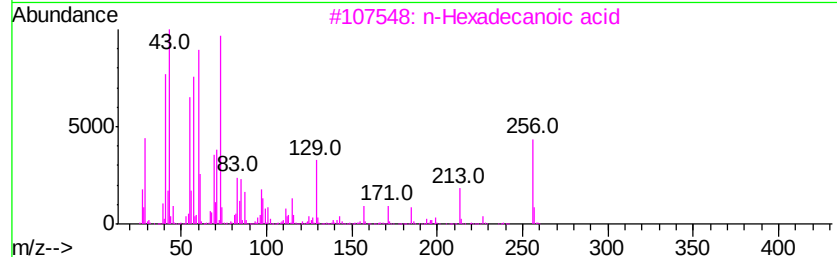
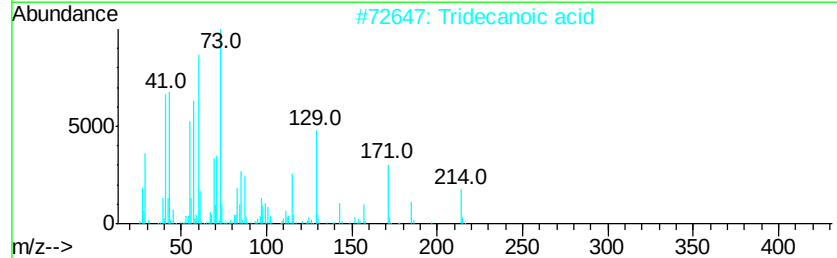
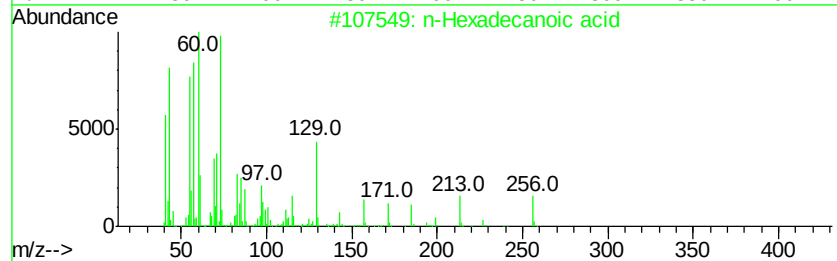
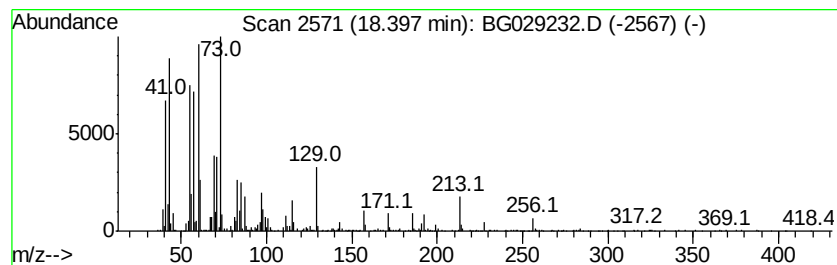
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	11.75 ng/ul	849504	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

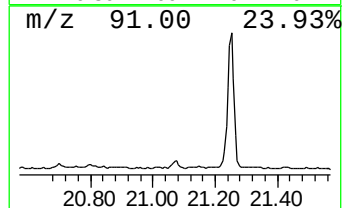
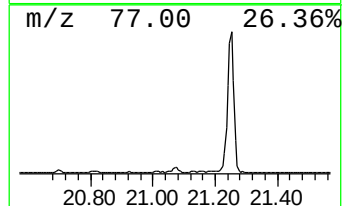
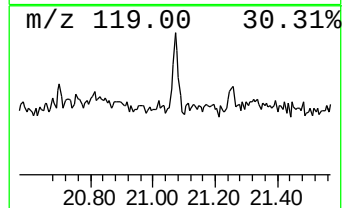
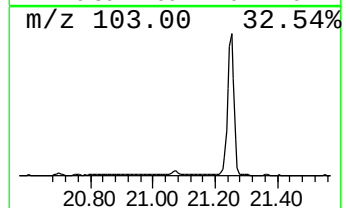
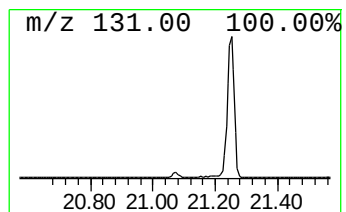
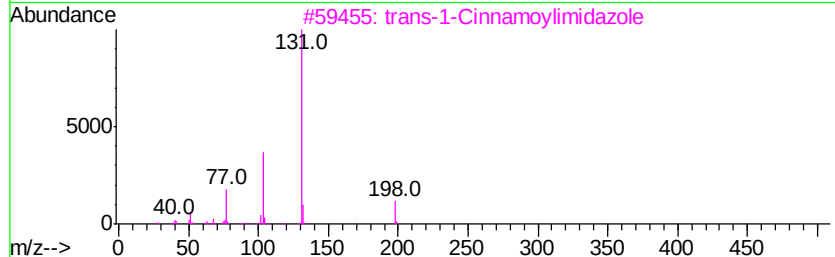
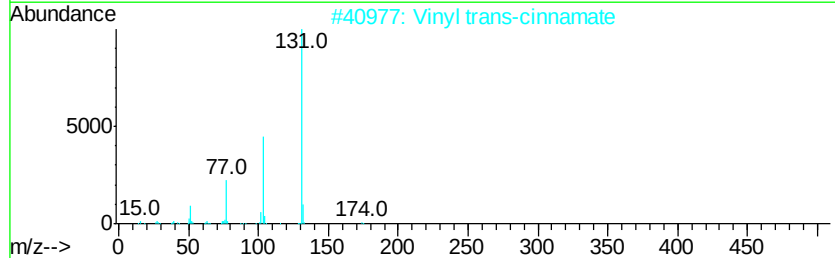
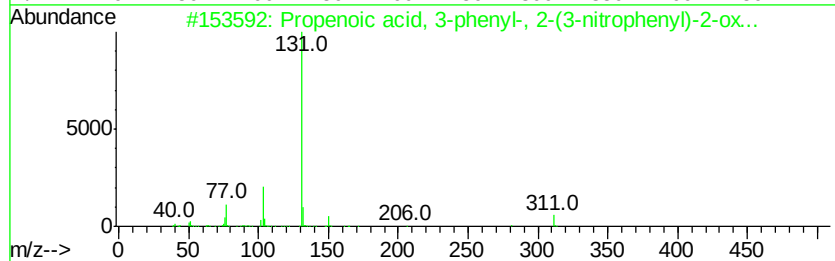
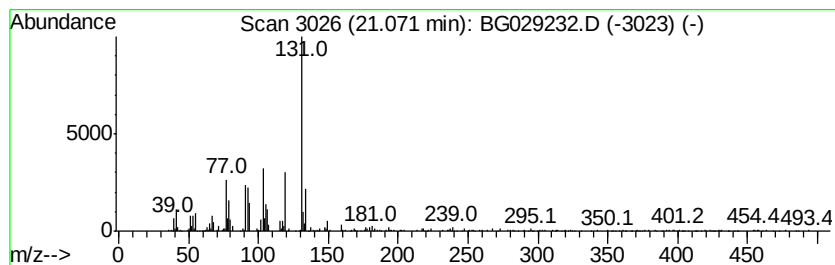
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.83 ng/ul	306203	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propenoic acid, 3-phenyl-, 2-(3-...	311	C17H13N05	1000264-14-5	47
2		Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	43
3		trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43
4		1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	43
5		2-Propenal, 3-(2-methoxyphenyl)-	162	C10H10O2	001504-74-1	42



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

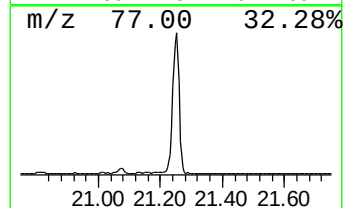
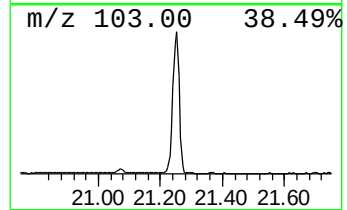
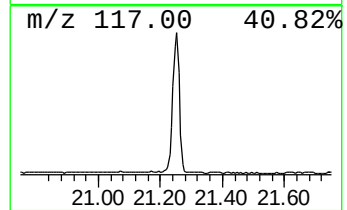
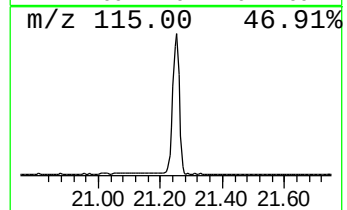
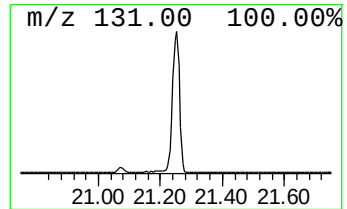
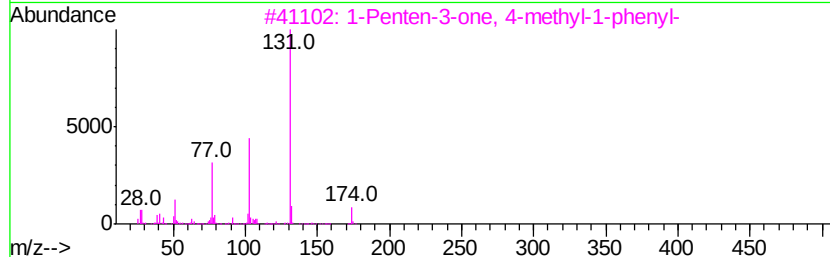
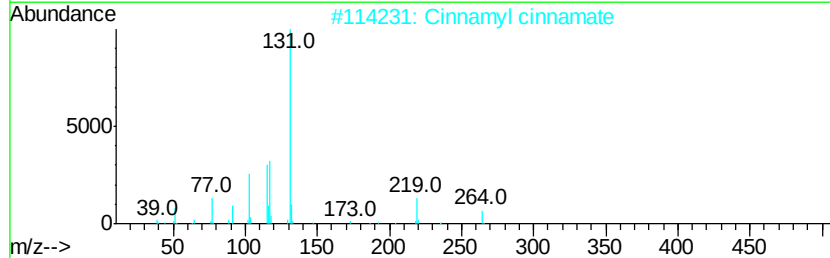
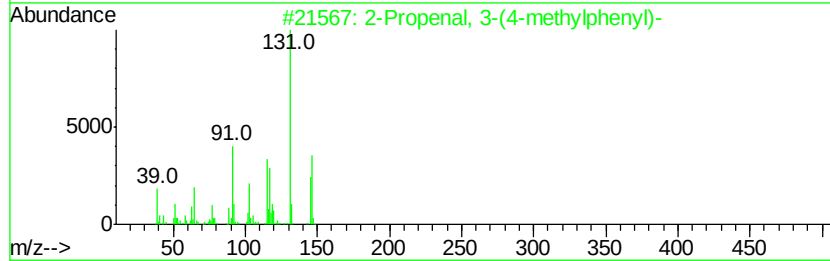
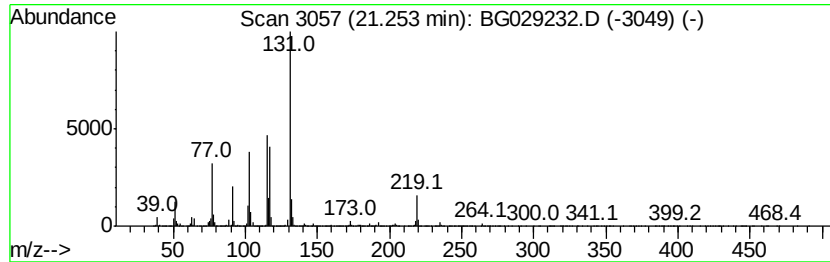
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 2-Propenal, 3-(4-methylphen... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	125.10 ng/ul	10010400	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50
2		Cinnamyl cinnamate	264	C18H16O2	000122-69-0	49
3		1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
4		Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	47
5		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

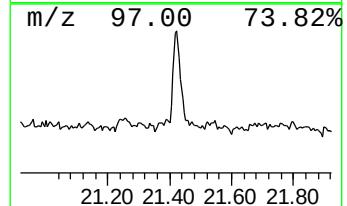
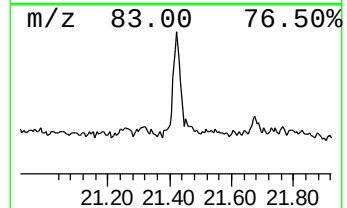
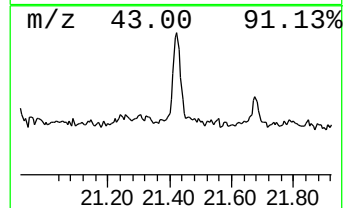
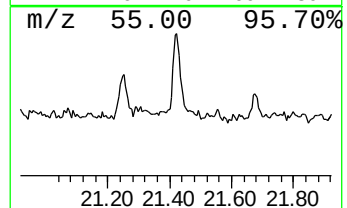
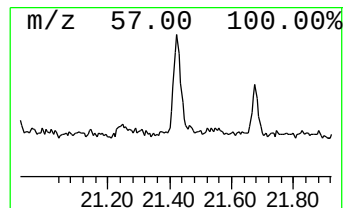
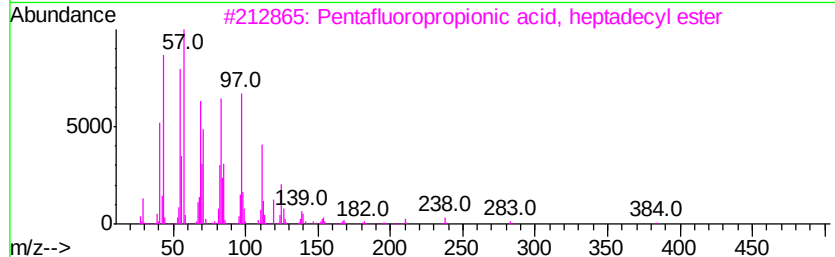
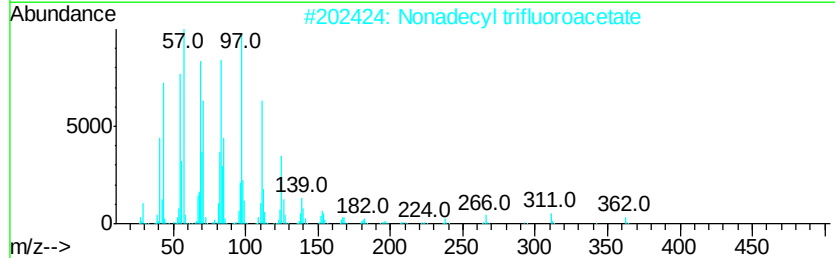
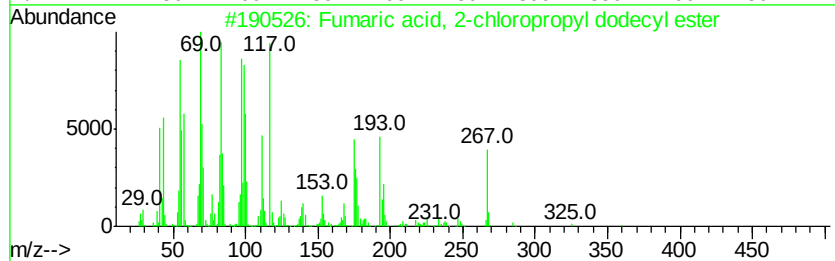
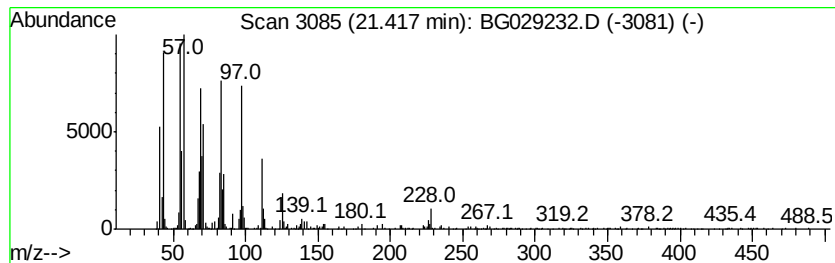
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Fumaric acid, 2-chloropropyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	9.84 ng/ul	787570	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	97
2			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4			1-Tricosene	322	C23H46	018835-32-0	91
5			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

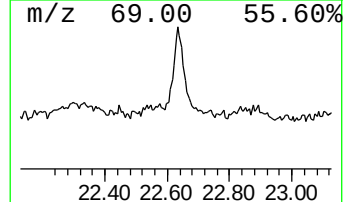
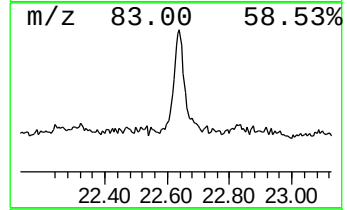
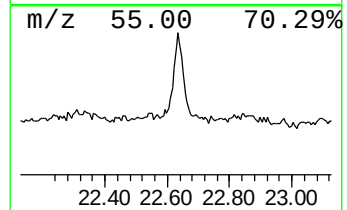
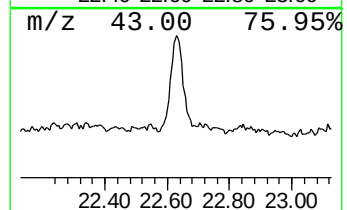
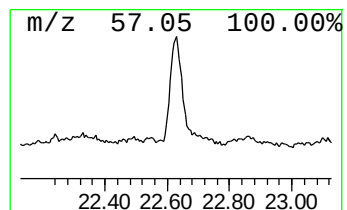
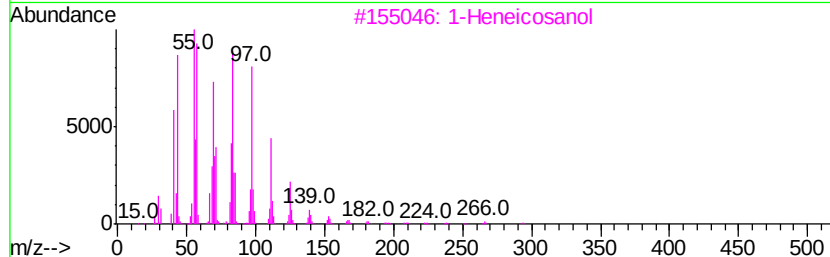
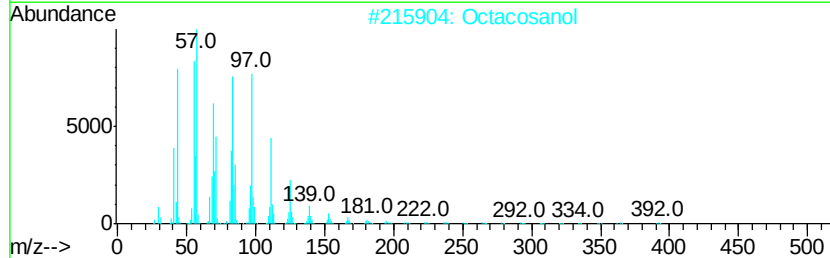
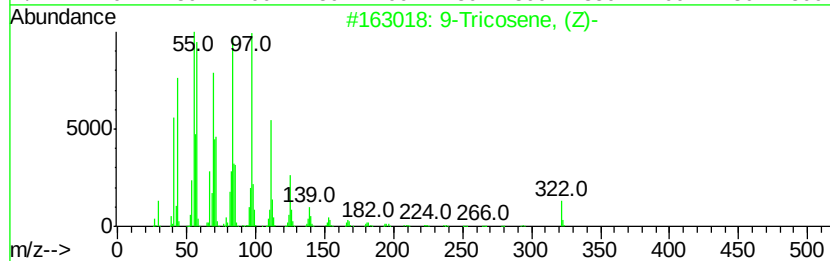
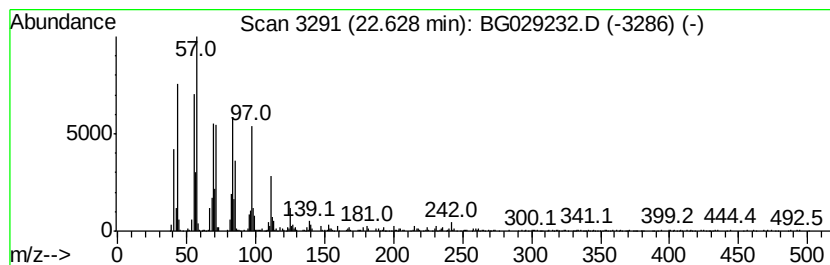
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic22.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	21.76 ng/ul	1741200	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2		Octacosanol	410	C28H58O	000557-61-9	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

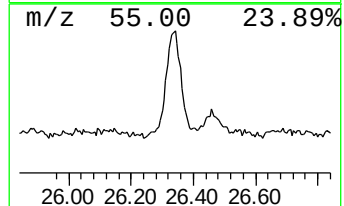
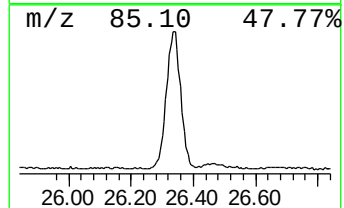
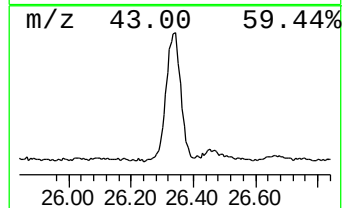
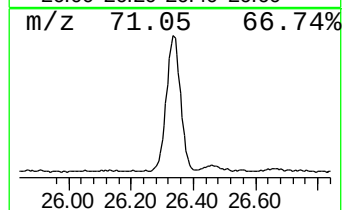
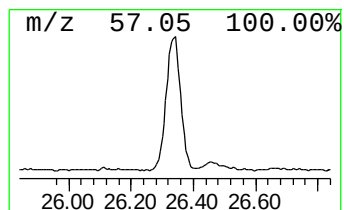
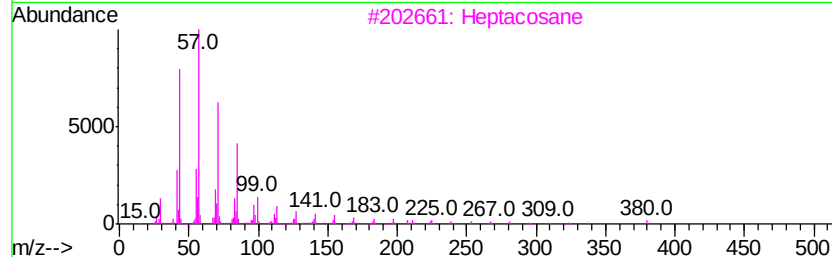
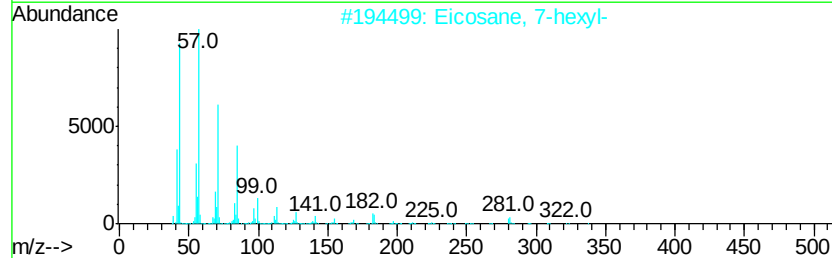
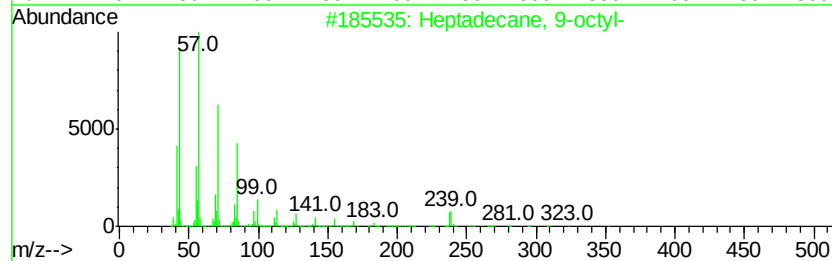
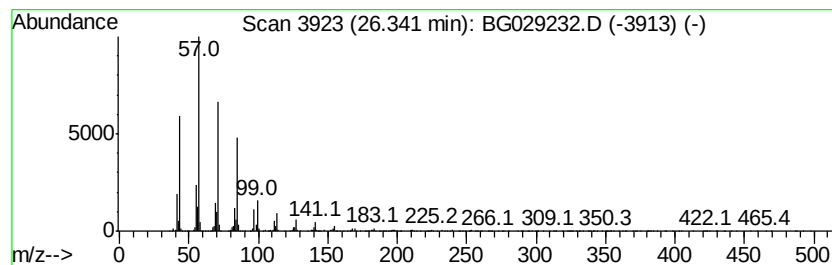
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.34	33.64 ng/ul	3402120	Perylene-d12	25.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tricosane	324	C23H48	000638-67-5	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

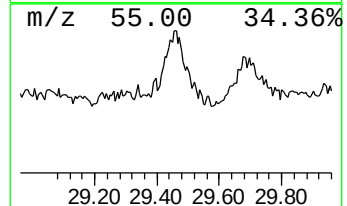
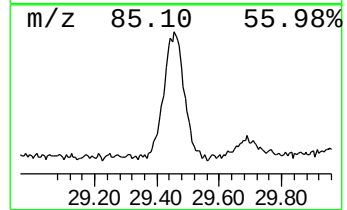
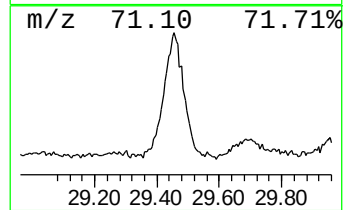
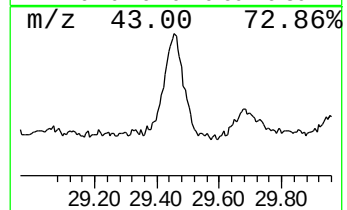
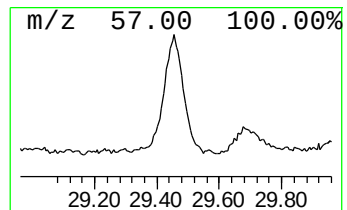
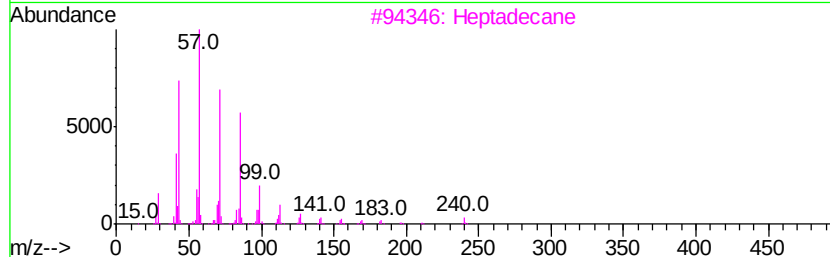
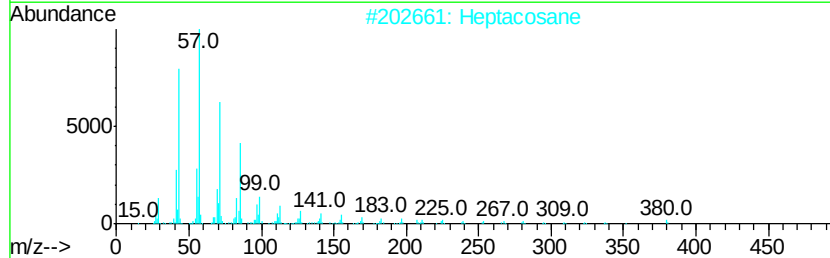
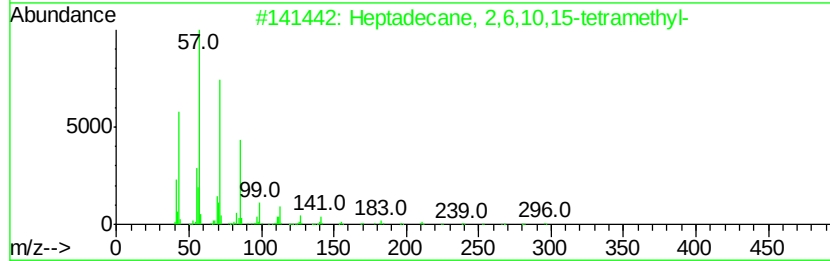
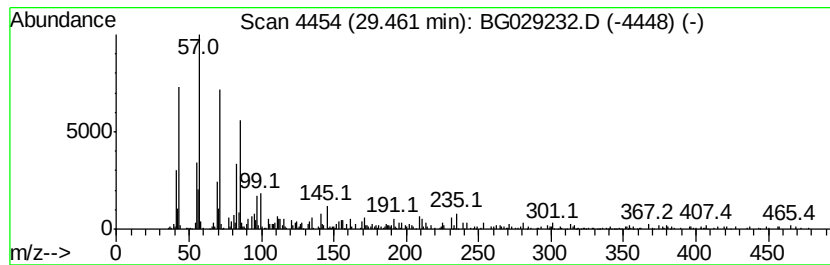
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.46	12.97 ng/ul	1311720	Perylene-d12	25.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2		Heptacosane	380	C27H56	000593-49-7	80
3		Heptadecane	240	C17H36	000629-78-7	74
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

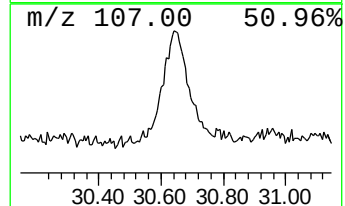
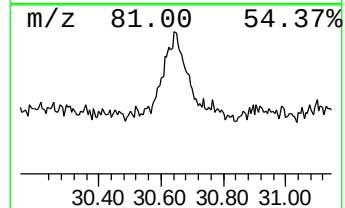
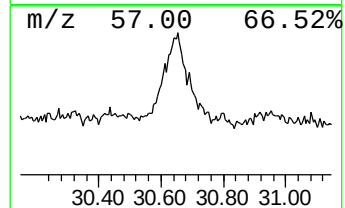
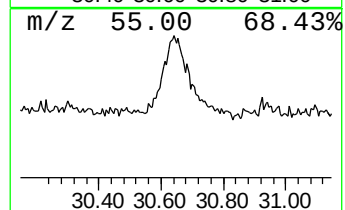
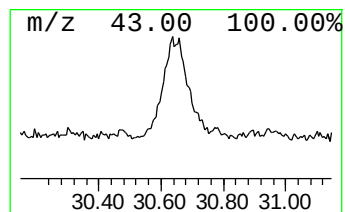
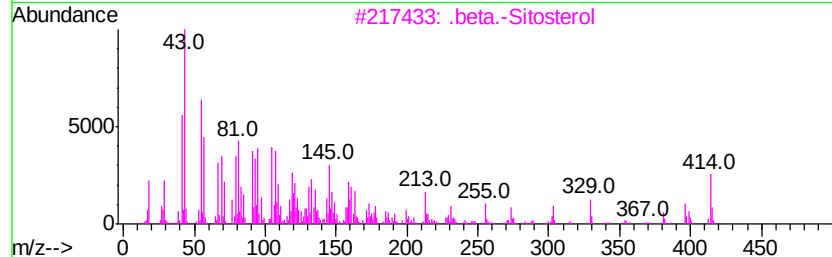
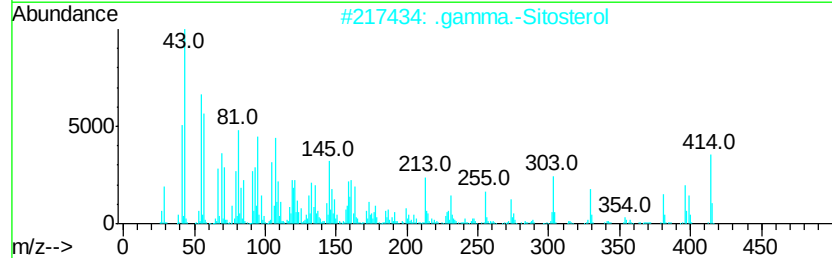
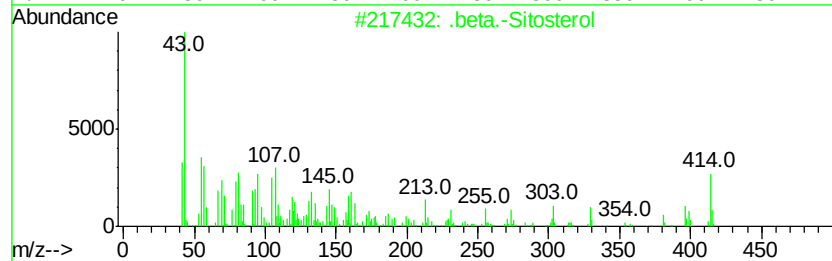
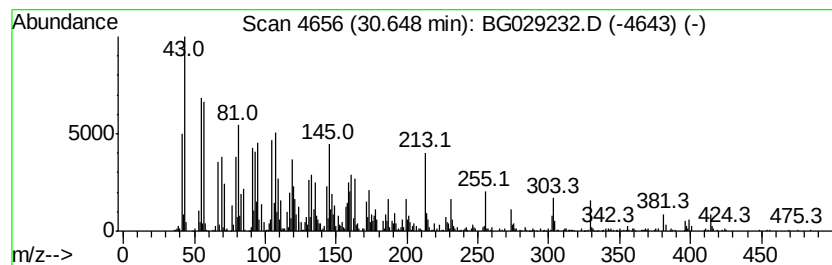
Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.65	32.02 ng/ul	3238370	Perylene-d12	25.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 74
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 70
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 64
4		Ergost-5-ene-3,12-diol, 12-aceta...	458 C30H50O3	056052-09-6 40
5		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 40



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG101517\
 Data File : BG029232.D
 Acq On : 14 Oct 2017 20:53
 Operator : SJ/JU
 Sample : I5548-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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
(1R)-2,6,6-Trimet...	6.85	18.6	ng/ul	597146	1	8.17	641191	20.0
Santolina triene	7.16	2.8	ng/ul	89612	1	8.17	641191	20.0
1H-Cyclopenta[1,3...	13.68	4.0	ng/ul	257293	3	14.79	1279690	20.0
Bicyclo[7.2.0]und...	14.12	43.4	ng/ul	2779140	3	14.79	1279690	20.0
Naphthalene, 1,2,...	14.86	3.8	ng/ul	241106	3	14.79	1279690	20.0
unknown-01	15.06	4.4	ng/ul	281230	3	14.79	1279690	20.0
trans-calamenene	15.11	2.0	ng/ul	129167	3	14.79	1279690	20.0
4aH-Cycloprop[e]a...	15.68	2.0	ng/ul	128683	3	14.79	1279690	20.0
Copaene	16.11	2.2	ng/ul	143138	3	14.79	1279690	20.0
(DEL) Alkane: Str...	16.48	2.1	ng/ul	151201	4	17.53	1446100	20.0
E-11-Tetradecen-1...	18.28	2.4	ng/ul	171259	4	17.53	1446100	20.0
cis-10-Nonadeceno...	18.34	2.8	ng/ul	202253	4	17.53	1446100	20.0
n-Hexadecanoic acid	18.40	11.8	ng/ul	849504	4	17.53	1446100	20.0
unknown-02	21.07	3.8	ng/ul	306203	5	21.80	1600420	20.0
2-Propenal, 3-(4-...	21.25	125.1	ng/ul	10010400	5	21.80	1600420	20.0
Fumaric acid, 2-c...	21.42	9.8	ng/ul	787570	5	21.80	1600420	20.0
(DEL) Alkane: Cyc...	22.63	21.8	ng/ul	1741200	5	21.80	1600420	20.0
(DEL) Alkane: Str...	26.34	33.6	ng/ul	3402120	6	25.11	2022690	20.0
(DEL) Alkane: Str...	29.46	13.0	ng/ul	1311720	6	25.11	2022690	20.0
.beta.-Sitosterol	30.65	32.0	ng/ul	3238370	6	25.11	2022690	20.0