

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019660.D
 Acq On : 17 Nov 2015 13:33
 Operator : UM/NP
 Sample : G4309-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KK3

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_G\METHODS\SOM02.2-EPA-BG111615.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	3.085	37	42	51	rVV	34102	60638	4.75%	0.306%
2	3.167	51	56	72	rVB	223294	324651	25.44%	1.637%
3	7.280	749	756	771	rVB2	145748	343992	26.96%	1.734%
4	7.462	781	787	796	rBV	65151	106281	8.33%	0.536%
5	7.673	817	823	835	rBV	76194	144046	11.29%	0.726%
6	8.149	894	904	911	rBV	83682	144011	11.29%	0.726%
7	8.854	1017	1024	1032	rBV	109752	184430	14.45%	0.930%
8	9.319	1096	1103	1109	rBV	86913	149912	11.75%	0.756%
9	10.047	1220	1227	1230	rVV2	78590	143785	11.27%	0.725%
10	10.076	1230	1232	1240	rVB	93561	153208	12.01%	0.772%
11	10.588	1313	1319	1327	rBV	107736	192611	15.09%	0.971%
12	10.975	1379	1385	1391	rVV	118582	219501	17.20%	1.106%
13	11.028	1391	1394	1401	rVV2	35093	55806	4.37%	0.281%
14	11.111	1401	1408	1416	rVV	94937	168468	13.20%	0.849%
15	11.310	1436	1442	1447	rBV2	81688	137331	10.76%	0.692%
16	12.245	1594	1601	1608	rBV	52938	85700	6.72%	0.432%
17	12.844	1693	1703	1709	rBV	98748	158404	12.41%	0.798%
18	12.985	1721	1727	1736	rBB2	48712	75666	5.93%	0.381%
19	13.226	1761	1768	1773	rBV	89046	143695	11.26%	0.724%
20	13.384	1791	1795	1799	rBV2	10029	13628	1.07%	0.069%
21	13.619	1824	1835	1845	rBV	205552	327142	25.64%	1.649%
22	14.178	1924	1930	1934	rVV	303617	436168	34.18%	2.199%
23	14.230	1934	1939	1944	rVV	388107	562345	44.07%	2.835%
24	14.354	1954	1960	1965	rBV	109980	154155	12.08%	0.777%
25	14.483	1976	1982	1990	rVV	281417	438770	34.38%	2.212%
26	14.653	2006	2011	2016	rBV	27164	35613	2.79%	0.180%
27	14.789	2026	2034	2043	rVV2	225021	373207	29.25%	1.881%
28	14.982	2059	2067	2074	rBV2	300453	583321	45.71%	2.940%
29	15.182	2093	2101	2110	rVB	99950	165105	12.94%	0.832%
30	15.270	2110	2116	2124	rBV5	8483	16252	1.27%	0.082%
31	15.558	2159	2165	2168	rBV2	8043	12812	1.00%	0.065%
32	15.599	2168	2172	2177	rVV2	42291	54302	4.26%	0.274%
33	15.770	2195	2201	2208	rVV	427766	656040	51.41%	3.307%
34	15.887	2215	2221	2231	rVB3	218289	410307	32.15%	2.068%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019660.D
 Acq On : 17 Nov 2015 13:33
 Operator : UM/NP
 Sample : G4309-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KK3

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_G\METHODS\SOM02.2-EPA-BG111615.M
 Title : SVOA CALIBRATION

35	16.011	2235	2242	2247	rVV5	15002	35821	2.81%	0.181%
36	16.158	2263	2267	2269	rBV3	5934	8117	0.64%	0.041%
37	16.222	2274	2278	2282	rBV3	7862	12369	0.97%	0.062%
38	16.422	2306	2312	2315	rBV6	5387	10150	0.80%	0.051%
39	16.463	2315	2319	2331	rBV2	39736	79252	6.21%	0.399%
40	16.586	2337	2340	2344	rVB3	7077	9128	0.72%	0.046%
41	16.651	2344	2351	2356	rBV7	13252	29208	2.29%	0.147%
42	16.710	2356	2361	2366	rVB6	9448	18706	1.47%	0.094%
43	16.763	2366	2370	2374	rBV7	8834	15556	1.22%	0.078%
44	16.827	2374	2381	2386	rBV	102135	150465	11.79%	0.758%
45	16.904	2390	2394	2395	rBV2	10502	11746	0.92%	0.059%
46	16.968	2401	2405	2412	rBV4	12508	20578	1.61%	0.104%
47	17.033	2412	2416	2421	rVV6	9607	17412	1.36%	0.088%
48	17.174	2434	2440	2450	rVV	166952	254701	19.96%	1.284%
49	17.250	2450	2453	2458	rVV3	29924	39323	3.08%	0.198%
50	17.297	2459	2461	2470	rVB8	8908	16917	1.33%	0.085%
51	17.527	2493	2500	2503	rBV	357034	544967	42.71%	2.747%
52	17.568	2503	2507	2512	rVV	419153	629075	49.30%	3.171%
53	17.626	2512	2517	2520	rVV	576929	863001	67.63%	4.350%
54	17.656	2520	2522	2528	rVB	178861	232664	18.23%	1.173%
55	17.850	2551	2555	2562	rVV9	14175	23469	1.84%	0.118%
56	17.991	2575	2579	2581	rBV3	11240	13883	1.09%	0.070%
57	18.026	2582	2585	2592	rVV5	6478	9546	0.75%	0.048%
58	18.096	2592	2597	2600	rVV5	8953	12995	1.02%	0.066%
59	18.167	2605	2609	2615	rVB7	11878	22668	1.78%	0.114%
60	18.290	2625	2630	2634	rVV3	9809	15260	1.20%	0.077%
61	18.337	2634	2638	2642	rVV4	24301	30006	2.35%	0.151%
62	18.390	2642	2647	2651	rVV7	15233	28244	2.21%	0.142%
63	18.467	2654	2660	2670	rVB	265761	343101	26.89%	1.730%
64	18.602	2679	2683	2687	rBV5	10486	17035	1.33%	0.086%
65	18.678	2692	2696	2699	rBV6	10847	16479	1.29%	0.083%
66	18.901	2730	2734	2742	rVB2	22204	40406	3.17%	0.204%
67	18.984	2745	2748	2751	rVB5	10755	13000	1.02%	0.066%
68	19.148	2774	2776	2779	rVB4	12637	12549	0.98%	0.063%
69	19.236	2787	2791	2799	rBV	61419	98453	7.72%	0.496%
70	19.301	2799	2802	2807	rVB4	16437	27796	2.18%	0.140%
71	19.530	2839	2841	2842	rBV2	12361	9348	0.73%	0.047%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

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_G\METHODS\SOM02.2-EPA-BG111615.M
Title : SVOA CALIBRATION

72	19.565	2842	2847	2853	rVB	483873	654147	51.26%	3.297%
73	19.630	2854	2858	2860	rBV5	12562	17607	1.38%	0.089%
74	19.659	2860	2863	2870	rVB7	23609	35618	2.79%	0.180%
75	19.777	2880	2883	2892	rVV3	42581	72772	5.70%	0.367%
76	19.842	2892	2894	2897	rVV3	12885	15234	1.19%	0.077%
77	19.900	2897	2904	2907	rVV	759985	1276087	100.00%	6.433%
78	19.924	2907	2908	2916	rVB	514587	528620	41.43%	2.665%
79	20.300	2970	2972	2976	rVB	12748	16363	1.28%	0.082%
80	20.347	2978	2980	2982	rBV3	7843	8138	0.64%	0.041%
81	20.558	3013	3016	3017	rBV2	13522	14170	1.11%	0.071%
82	20.752	3045	3049	3051	rBV5	9865	12751	1.00%	0.064%
83	20.787	3051	3055	3058	rVB4	14490	21872	1.71%	0.110%
84	20.958	3081	3084	3088	rVB6	7819	10760	0.84%	0.054%
85	21.398	3154	3159	3171	rBV2	72090	130143	10.20%	0.656%
86	21.657	3197	3203	3210	rVB	394680	553450	43.37%	2.790%
87	21.792	3220	3226	3230	rBV	444285	729758	57.19%	3.679%
88	21.839	3230	3234	3242	rVB	396215	642104	50.32%	3.237%
89	23.296	3480	3482	3487	rVB5	14982	14906	1.17%	0.075%
90	23.496	3509	3516	3527	rVB	107062	205128	16.07%	1.034%
91	24.125	3619	3623	3631	rVB7	21411	43085	3.38%	0.217%
92	24.883	3742	3752	3759	rBV	387463	1119941	87.76%	5.645%
93	24.959	3759	3765	3776	rVB	200070	522357	40.93%	2.633%
94	25.112	3781	3791	3802	rBV	250660	722278	56.60%	3.641%
95	26.269	3982	3988	4001	rVB7	22404	68423	5.36%	0.345%
96	26.399	4005	4010	4015	rBV9	7021	17228	1.35%	0.087%
97	27.673	4218	4227	4228	rBV9	16080	32889	2.58%	0.166%
98	28.913	4421	4438	4463	rVB4	140088	981078	76.88%	4.945%
99	29.348	4508	4512	4513	rBV4	7607	8411	0.66%	0.042%
100	30.464	4687	4702	4716	rBV2	88656	397978	31.19%	2.006%

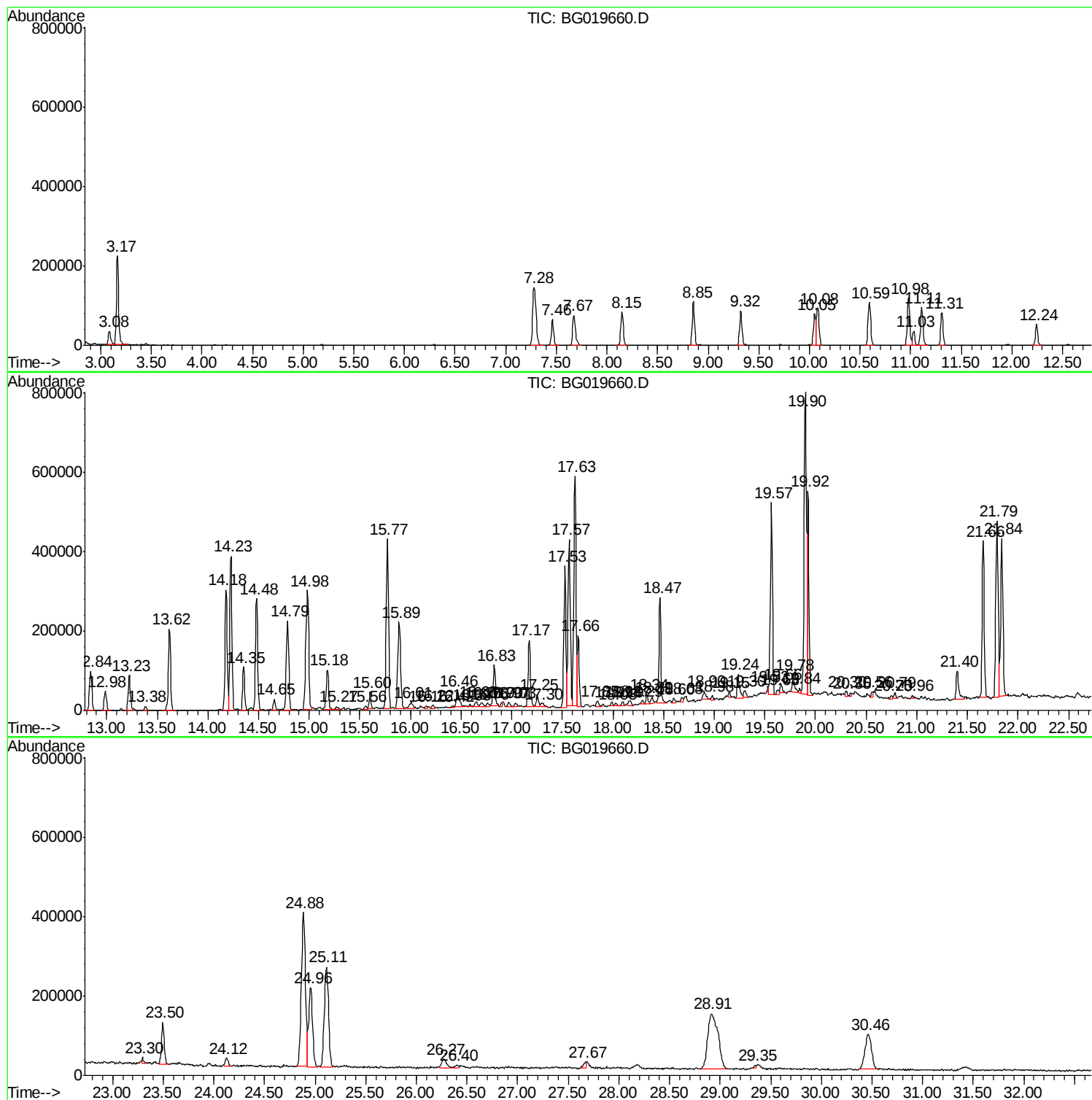
Sum of corrected areas: 19837993

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

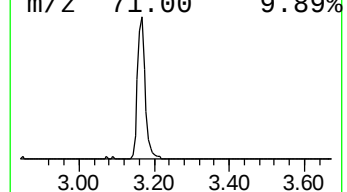
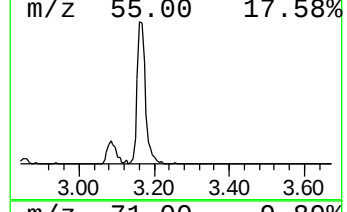
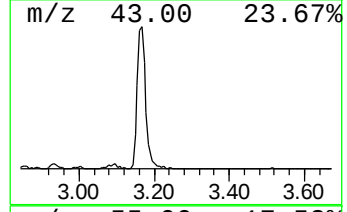
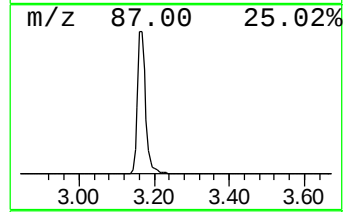
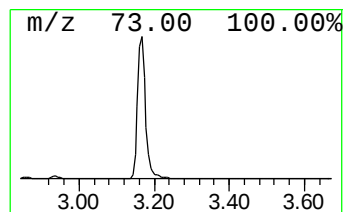
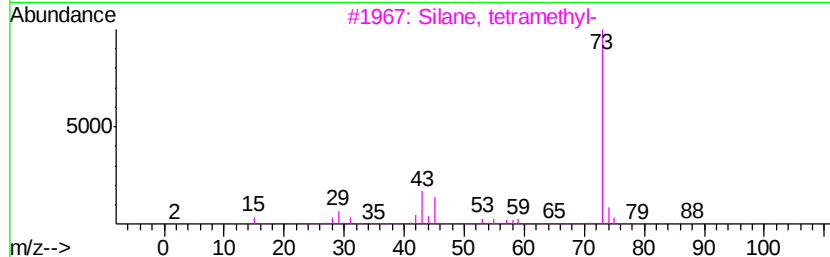
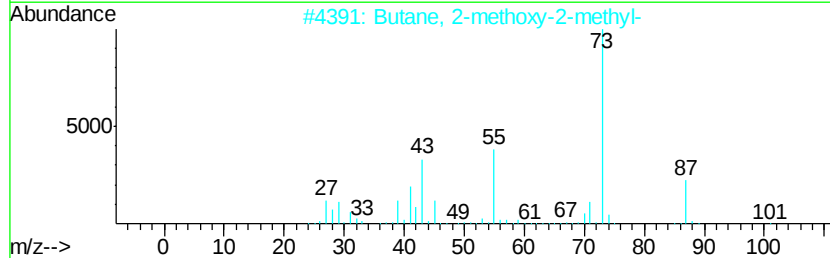
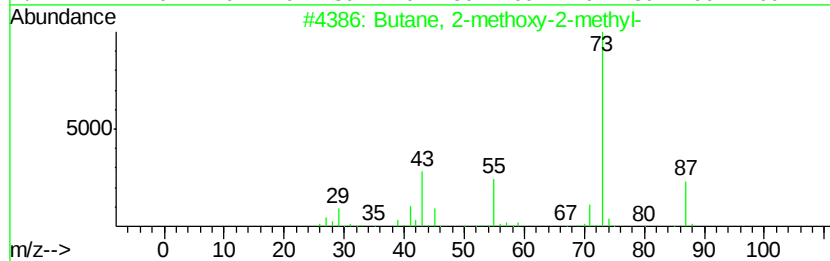
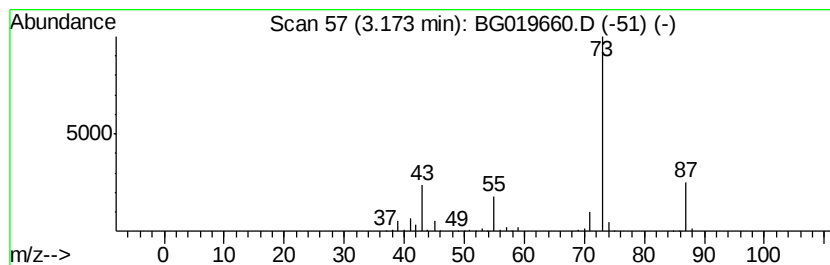
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	45.09 ng/ul	324651	1,4-Dichlorobenzene-d4	8.15

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	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

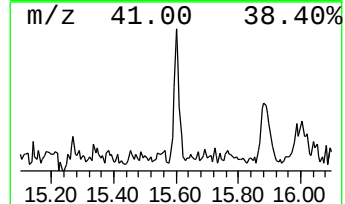
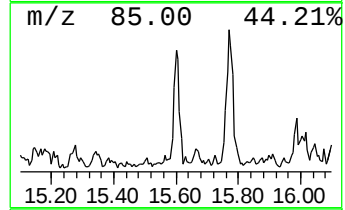
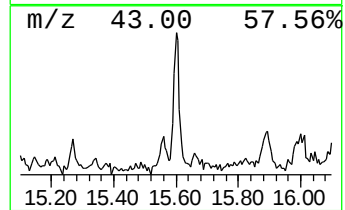
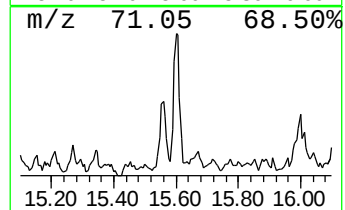
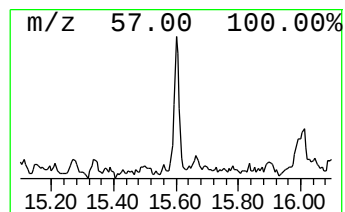
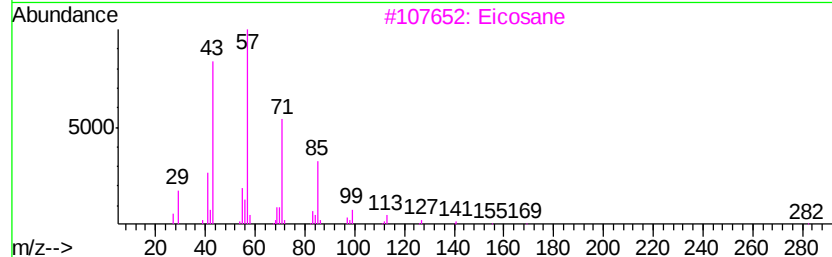
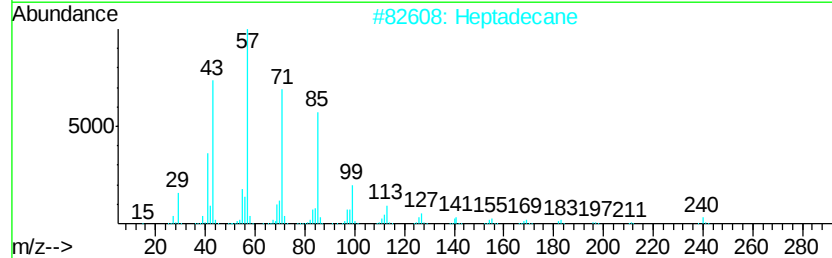
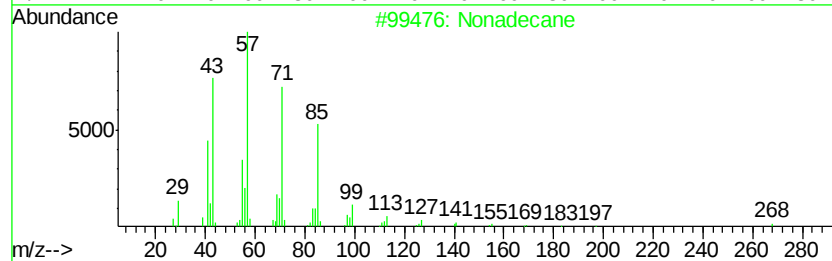
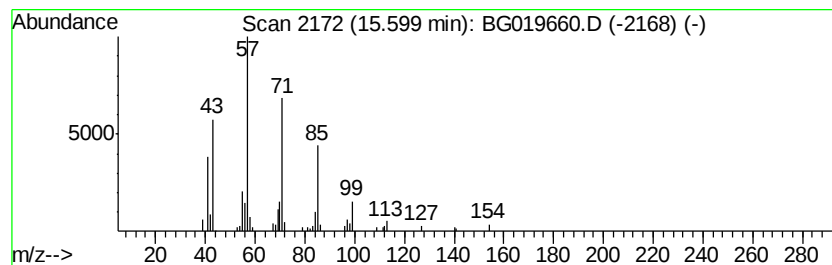
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.91 ng/ul	54302	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Eicosane	282	C20H42	000112-95-8	87
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

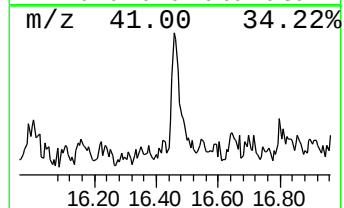
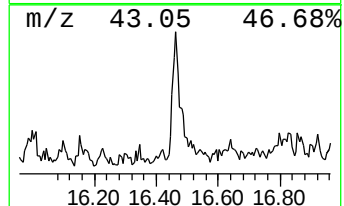
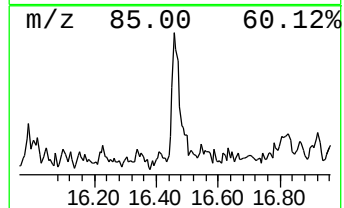
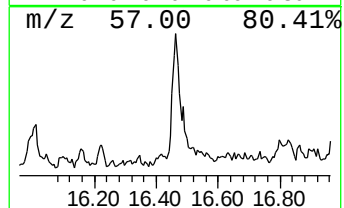
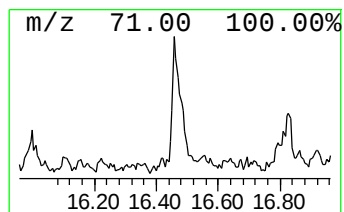
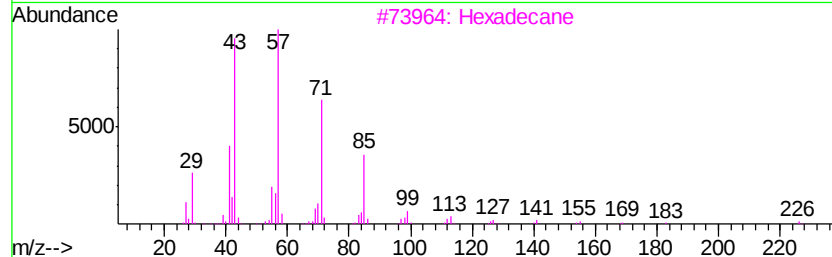
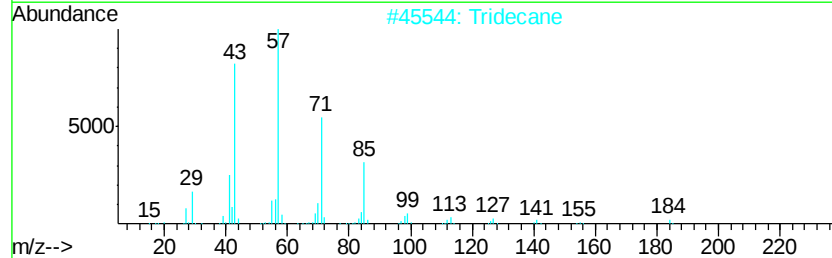
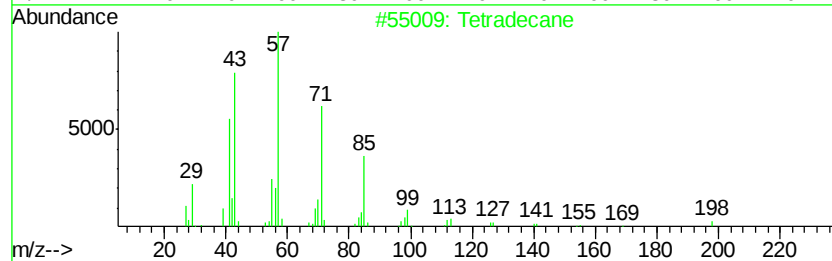
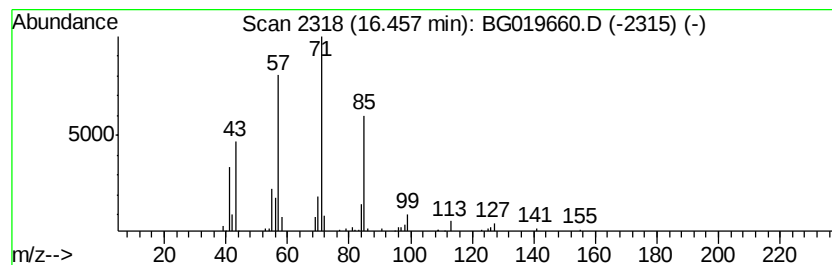
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.91 ng/ul	79252	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	83
2		Tridecane	184	C13H28	000629-50-5	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

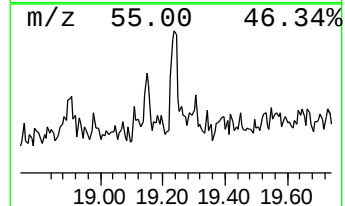
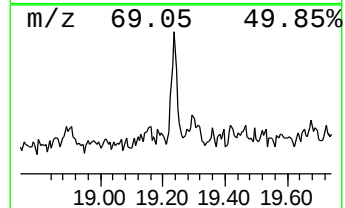
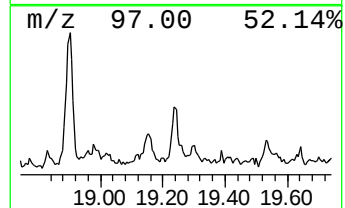
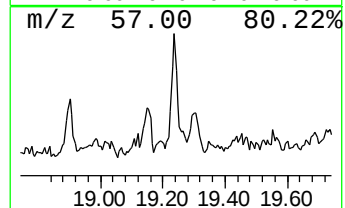
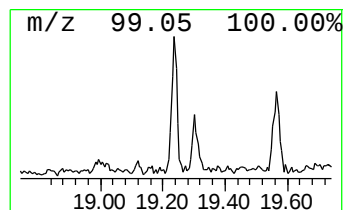
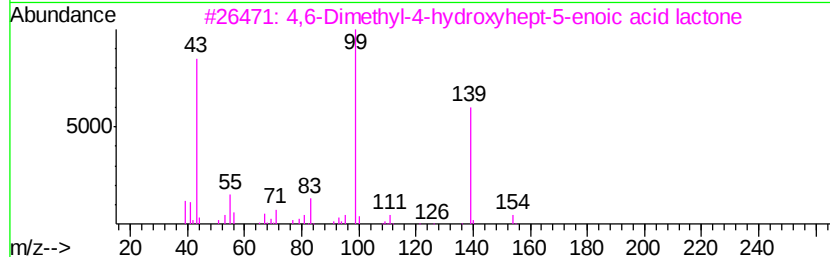
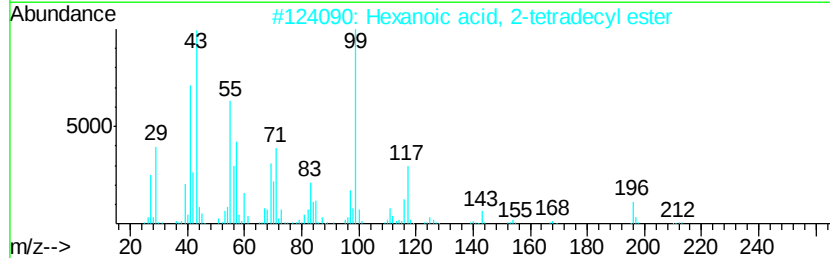
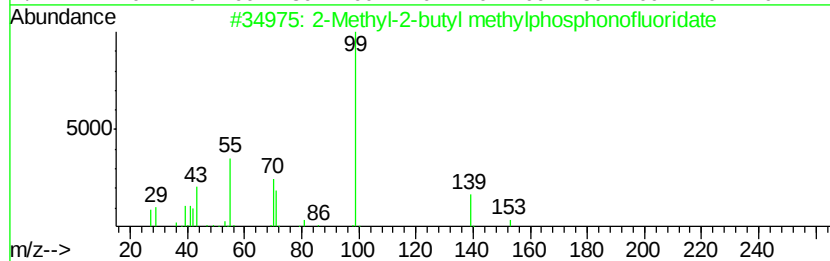
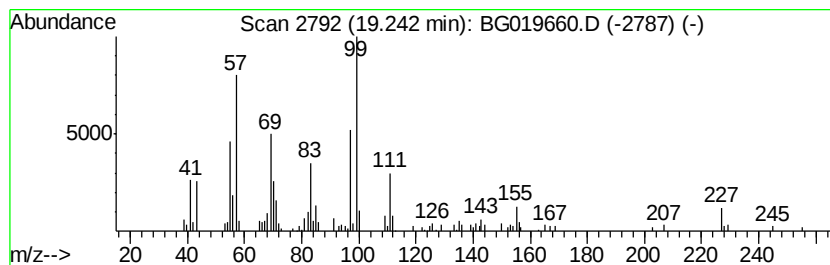
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.61 ng/ul	98453	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methyl-2-butyl methylphosphono...	168	C6H14F02P	159395-77-4	38
2		Hexanoic acid, 2-tetradecyl ester	312	C20H40O2	055193-21-0	35
3		4,6-Dimethyl-4-hydroxyhept-5-eno...	154	C9H14O2	1000122-47-0	35
4		3,7-Dimethyl-1-octyl methylphosp...	238	C11H24F02P	345260-82-4	35
5		.delta. Nonalactone	156	C9H16O2	003301-94-8	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

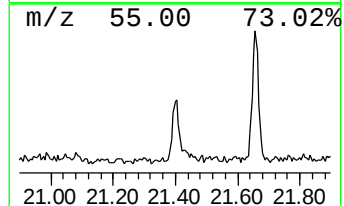
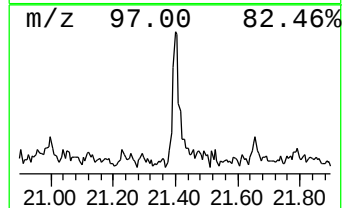
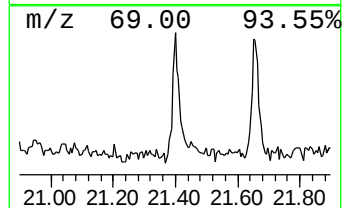
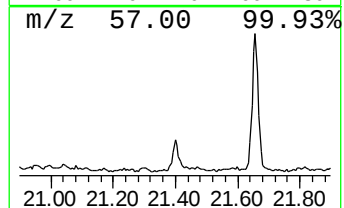
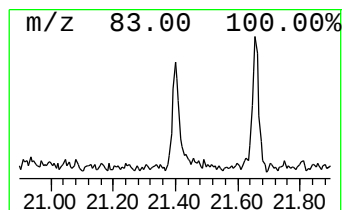
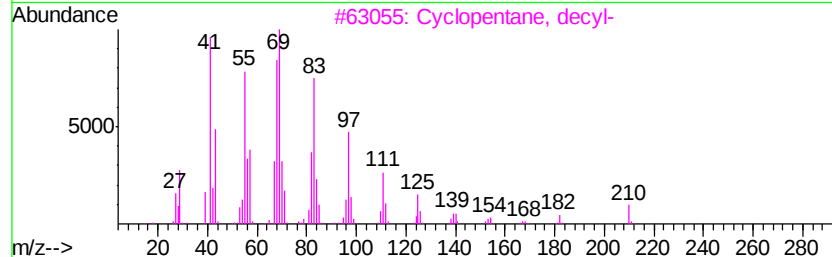
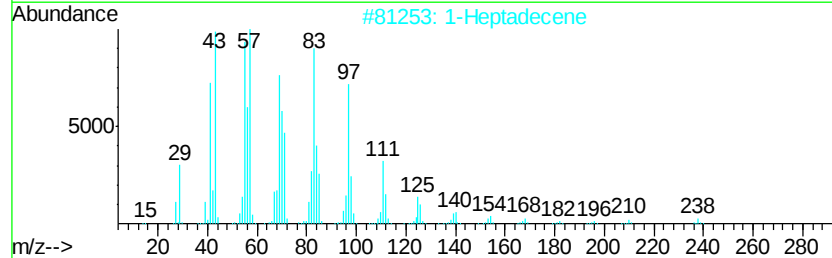
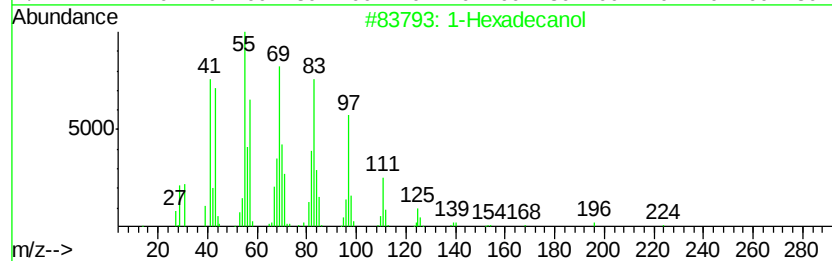
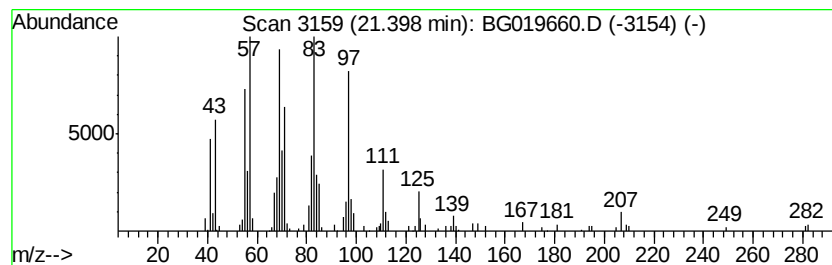
Instrument :
BNA_G
ClientSampleId :
D9KK3

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.40	3.57 ng/ul	130143	Chrysene-d12	21.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	87
2	1-Heptadecene	238	C17H34	006765-39-5	80
3	Cyclopentane, decyl-	210	C15H30	001795-21-7	74
4	1-Octadecanol	270	C18H38O	000112-92-5	74
5	Cyclohexadecane	224	C16H32	000295-65-8	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

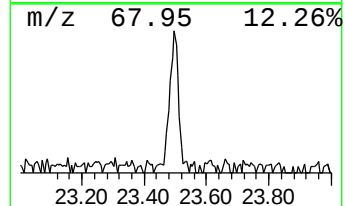
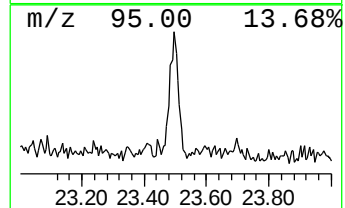
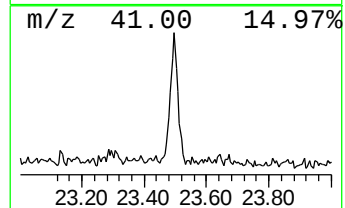
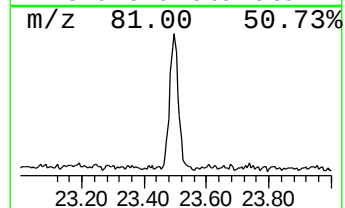
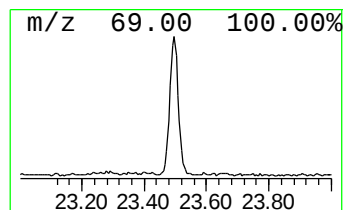
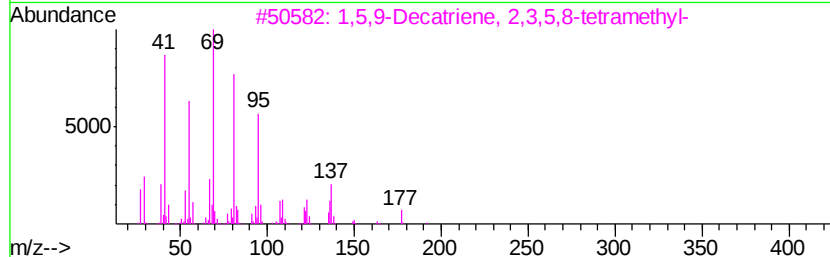
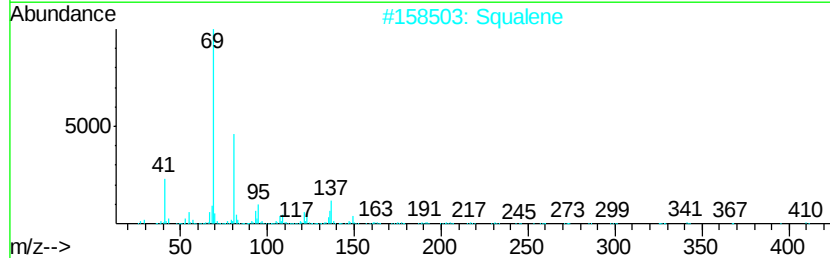
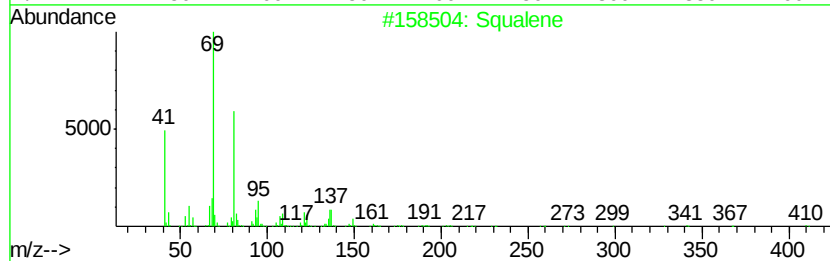
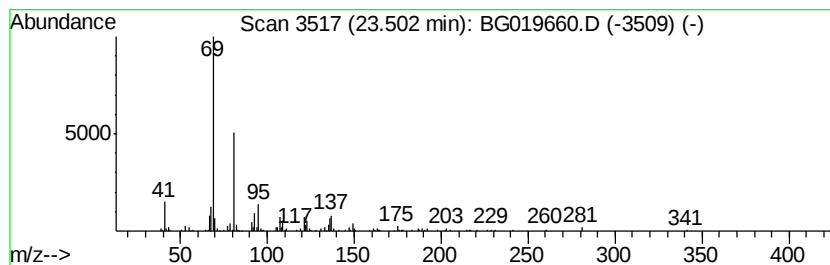
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	5.68 ng/ul	205128	Perylene-d12	25.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	90
3		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
4		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59
5		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

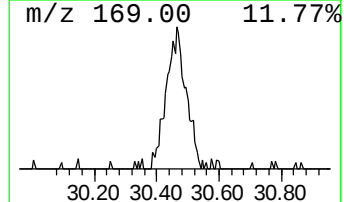
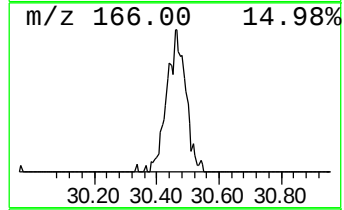
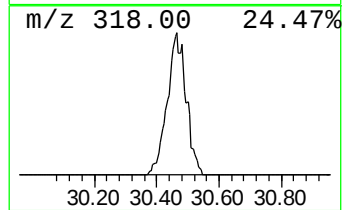
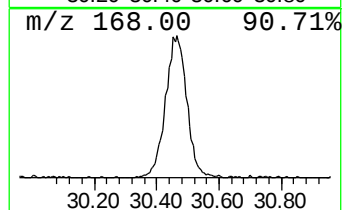
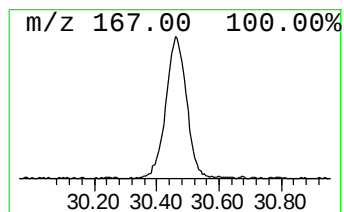
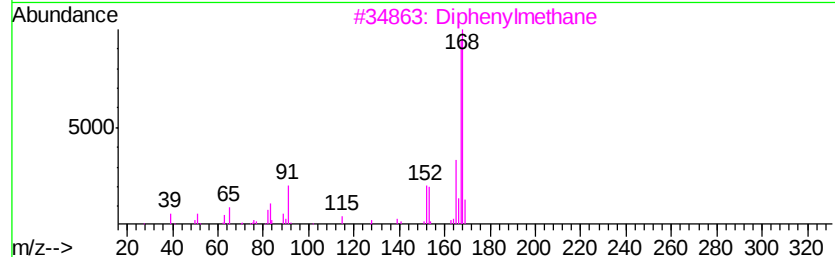
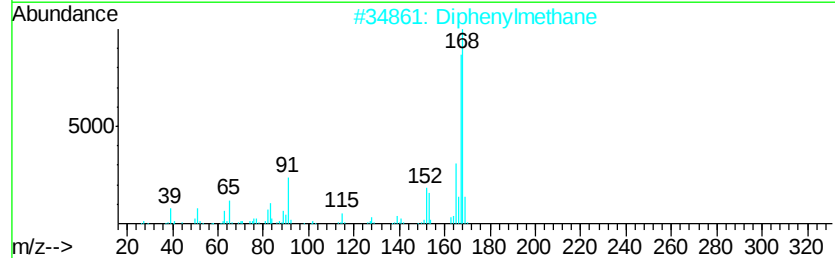
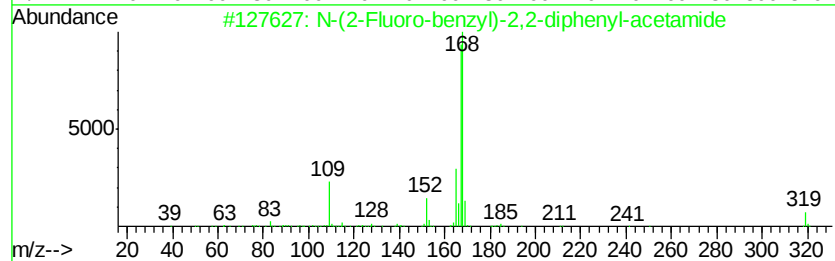
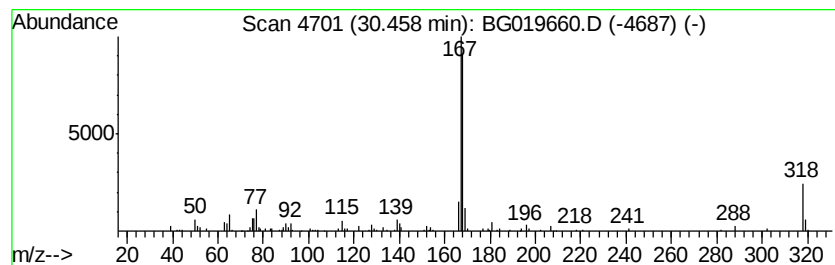
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 N-(2-Fluoro-benzyl)-2,2-dip... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.46	11.02 ng/ul	397978	Perylene-d12	25.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-(2-Fluoro-benzyl)-2,2-diphenyl...	319	C21H18FNO	329920-78-7	83
2		Diphenylmethane	168	C13H12	000101-81-5	64
3		Diphenylmethane	168	C13H12	000101-81-5	64
4		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
5		Diphenylmethane	168	C13H12	000101-81-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111715\
Data File : BG019660.D
Acq On : 17 Nov 2015 13:33
Operator : UM/NP
Sample : G4309-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KK3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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
Butane, 2-methoxy...	3.17	45.1	ng/ul	324651	1	8.15	144011	20.0
(DEL) Alkane: Str...	15.60	2.9	ng/ul	54302	3	14.79	373207	20.0
(DEL) Alkane: Str...	16.46	2.9	ng/ul	79252	4	17.53	544967	20.0
unknown-01	19.24	3.6	ng/ul	98453	4	17.53	544967	20.0
1-Hexadecanol	21.40	3.6	ng/ul	130143	5	21.79	729758	20.0
Squalene	23.50	5.7	ng/ul	205128	6	25.11	722278	20.0
N-(2-Fluoro-benzy...	30.46	11.0	ng/ul	397978	6	25.11	722278	20.0