

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110215\
 Data File : BG019442.D
 Acq On : 2 Nov 2015 21:05
 Operator : UM/NP
 Sample : G4202-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY63

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-BG102815.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	3.138	46	51	59	rBV2	50128	87057	6.10%	0.774%
2	3.220	60	65	75	rVB	155994	224306	15.73%	1.994%
3	4.048	203	206	210	rVB2	1786	2509	0.18%	0.022%
4	4.172	224	227	231	rBV3	1671	2769	0.19%	0.025%
5	4.283	241	246	250	rBV4	3196	5801	0.41%	0.052%
6	4.653	306	309	312	rVB2	2754	3199	0.22%	0.028%
7	5.112	384	387	390	rBV2	1562	2047	0.14%	0.018%
8	5.341	423	426	431	rBV2	1944	2181	0.15%	0.019%
9	6.710	654	659	662	rVB2	1379	1987	0.14%	0.018%
10	7.327	756	764	777	rVB5	24455	55022	3.86%	0.489%
11	7.503	787	794	801	rBV	85095	141750	9.94%	1.260%
12	7.715	824	830	837	rVB2	95849	158258	11.10%	1.407%
13	8.191	905	911	916	rBV	106762	177640	12.46%	1.580%
14	8.238	916	919	925	rVB3	18055	26099	1.83%	0.232%
15	8.414	944	949	952	rBV4	4158	7744	0.54%	0.069%
16	8.896	1024	1031	1038	rBV2	71220	125274	8.78%	1.114%
17	9.013	1045	1051	1059	rVB4	3975	8008	0.56%	0.071%
18	9.289	1092	1098	1104	rBV2	11716	19651	1.38%	0.175%
19	9.360	1104	1110	1119	rVB2	122429	212328	14.89%	1.888%
20	9.501	1132	1134	1139	rBV2	2144	2699	0.19%	0.024%
21	9.748	1174	1176	1182	rVB2	4002	5633	0.39%	0.050%
22	10.088	1227	1234	1245	rVB2	116653	212450	14.90%	1.889%
23	10.635	1318	1327	1334	rVB2	146535	265759	18.63%	2.363%
24	10.776	1350	1351	1355	rBV	2396	1926	0.14%	0.017%
25	10.911	1370	1374	1378	rVB5	3958	6503	0.46%	0.058%
26	11.017	1385	1392	1398	rBV	141869	247353	17.34%	2.199%
27	11.146	1411	1414	1417	rVB	2923	3708	0.26%	0.033%
28	11.234	1426	1429	1434	rBV	1449	2586	0.18%	0.023%
29	12.121	1577	1580	1583	rBV	1161	2104	0.15%	0.019%
30	12.245	1595	1601	1605	rBV2	10392	14328	1.00%	0.127%
31	12.591	1656	1660	1663	rVB2	3219	4843	0.34%	0.043%
32	13.179	1755	1760	1763	rBV	2769	3149	0.22%	0.028%
33	13.420	1798	1801	1802	rBV	2761	2934	0.21%	0.026%
34	13.731	1848	1854	1862	rBV2	54238	87036	6.10%	0.774%

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35	14.213	1930	1936	1942	rBV	381211	537932	37.72%	4.783%
36	14.330	1954	1956	1962	rBV	2107	3385	0.24%	0.030%
37	14.513	1981	1987	1996	rBV	307266	488261	34.24%	4.342%
38	14.654	2009	2011	2015	rBV2	2099	2202	0.15%	0.020%
39	14.689	2015	2017	2021	rVB	1775	2169	0.15%	0.019%
40	14.818	2032	2039	2047	rBV2	249798	406416	28.50%	3.614%
41	14.883	2047	2050	2054	rVV4	3386	4834	0.34%	0.043%
42	15.006	2065	2071	2077	rBV	45903	73955	5.19%	0.658%
43	15.470	2148	2150	2151	rBV	2919	2071	0.15%	0.018%
44	15.611	2168	2174	2182	rVB5	5393	11970	0.84%	0.106%
45	15.805	2201	2207	2215	rVB	480363	727153	50.99%	6.466%
46	15.911	2220	2225	2237	rBV	165124	259299	18.18%	2.306%
47	16.046	2244	2248	2254	rVB3	7970	8153	0.57%	0.072%
48	16.164	2265	2268	2269	rBV2	3029	2424	0.17%	0.022%
49	16.228	2277	2279	2283	rVB2	2635	1962	0.14%	0.017%
50	16.463	2316	2319	2322	rBV	1402	2251	0.16%	0.020%
51	16.634	2346	2348	2351	rBV	1604	2233	0.16%	0.020%
52	16.681	2354	2356	2359	rVB3	2531	2575	0.18%	0.023%
53	16.757	2367	2369	2373	rVB2	2665	2284	0.16%	0.020%
54	17.015	2411	2413	2417	rVB2	1997	2055	0.14%	0.018%
55	17.145	2431	2435	2437	rBV3	2569	3593	0.25%	0.032%
56	17.345	2466	2469	2472	rBV2	3835	4051	0.28%	0.036%
57	17.562	2499	2506	2514	rVB	411073	623854	43.74%	5.547%
58	17.662	2516	2523	2529	rVV	704406	1067150	74.83%	9.489%
59	17.738	2532	2536	2537	rVB4	2788	3050	0.21%	0.027%
60	17.820	2547	2550	2555	rVB2	5441	6100	0.43%	0.054%
61	17.926	2566	2568	2572	rVB3	2006	2532	0.18%	0.023%
62	18.014	2581	2583	2585	rVB	3654	2477	0.17%	0.022%
63	18.208	2611	2616	2622	rVB2	152618	195885	13.73%	1.742%
64	18.384	2641	2646	2647	rVB4	3485	3284	0.23%	0.029%
65	18.502	2662	2666	2670	rVB	7212	9422	0.66%	0.084%
66	18.655	2689	2692	2695	rBV3	2235	3457	0.24%	0.031%
67	18.690	2695	2698	2700	rVV3	3938	4049	0.28%	0.036%
68	18.743	2704	2707	2709	rBV3	2659	2589	0.18%	0.023%
69	18.807	2716	2718	2720	rVB3	3889	2091	0.15%	0.019%
70	18.837	2720	2723	2724	rBV	2320	2218	0.16%	0.020%
71	18.931	2735	2739	2741	rBV2	2378	3721	0.26%	0.033%

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Integration Parameters: LSCINT.P

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72	19.007	2751	2752	2755	rVV4	3447	2729	0.19%	0.024%
73	19.043	2755	2758	2759	rVB2	2418	2269	0.16%	0.020%
74	19.090	2765	2766	2768	rBV2	3739	2523	0.18%	0.022%
75	19.195	2783	2784	2787	rVB3	3329	2422	0.17%	0.022%
76	19.565	2844	2847	2851	rVB2	9894	13761	0.96%	0.122%
77	19.824	2887	2891	2894	rVB3	9950	15717	1.10%	0.140%
78	19.936	2904	2910	2918	rBV	1001529	1406493	98.62%	12.506%
79	21.839	3228	3234	3244	rVB2	538707	926597	64.97%	8.239%
80	24.971	3757	3767	3779	rVB	506727	1426178	100.00%	12.681%
81	25.206	3797	3807	3817	rVB	292967	837879	58.75%	7.450%

Sum of corrected areas: 11246316

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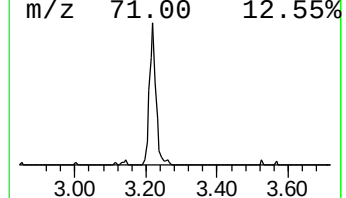
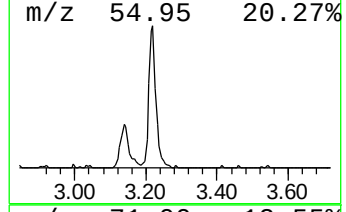
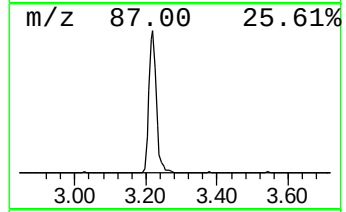
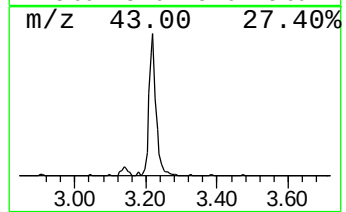
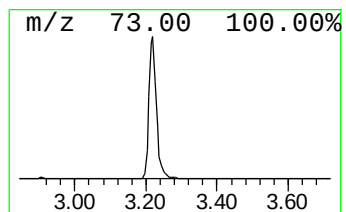
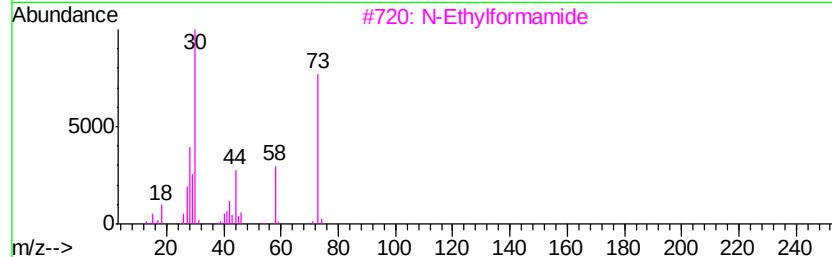
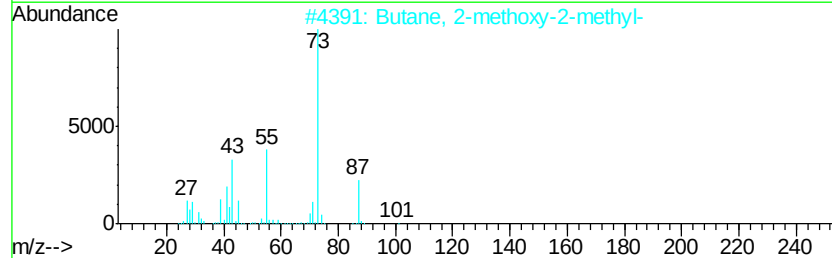
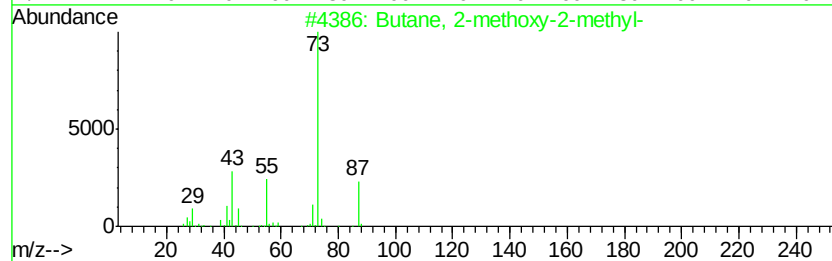
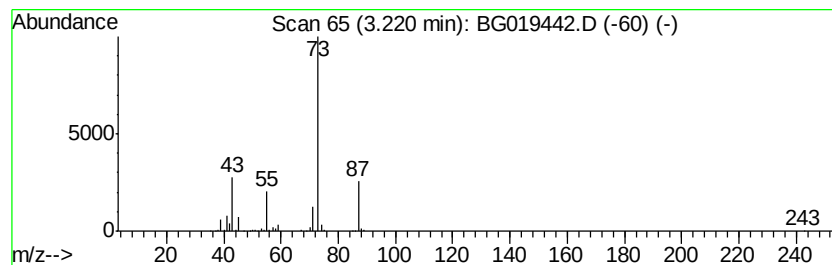
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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.
3.22	25.25 ng/ul	224306	1,4-Dichlorobenzene-d4	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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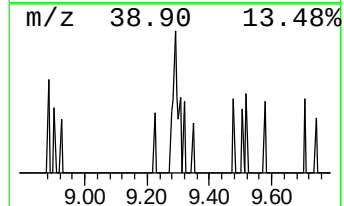
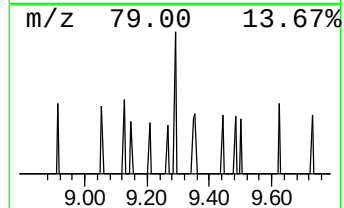
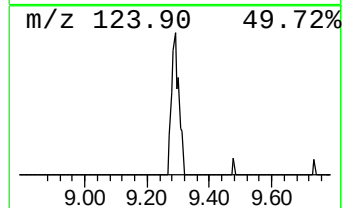
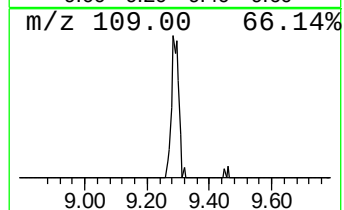
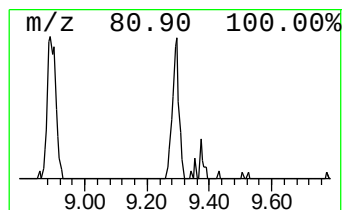
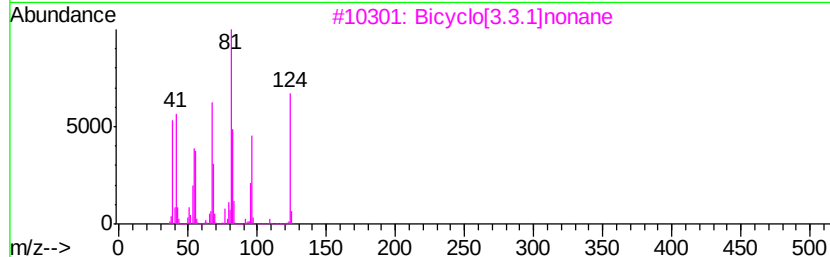
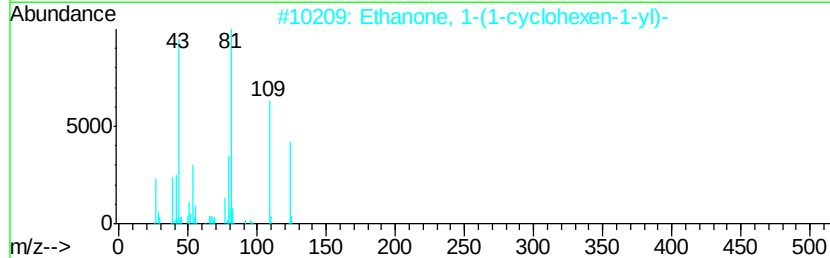
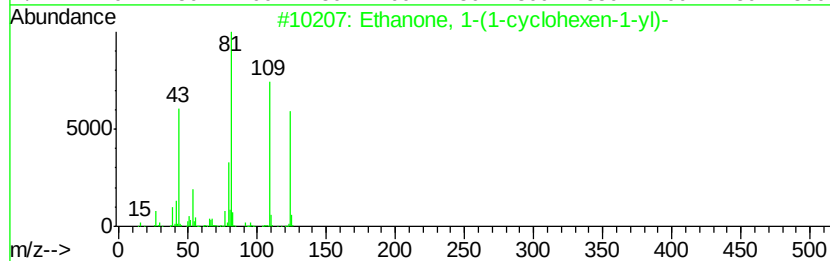
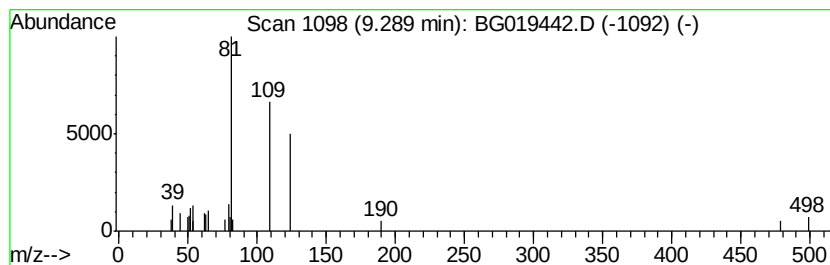
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.21 ng/ul	19651	1,4-Dichlorobenzene-d4	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	58
2		Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	50
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	43
4		Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	40
5		Ethanone, 1-(2-methyl-1-cyclohexen-1-yl)-	124	C8H12O	003168-90-9	37



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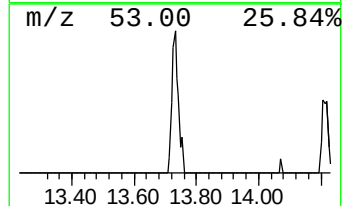
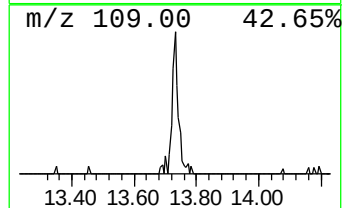
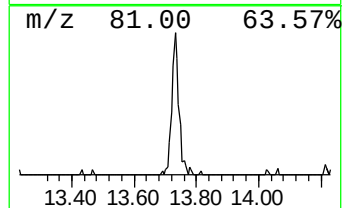
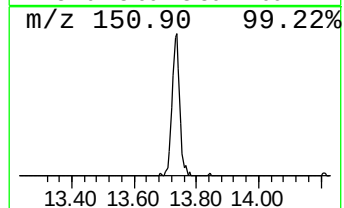
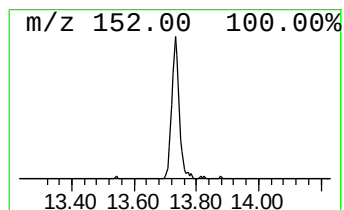
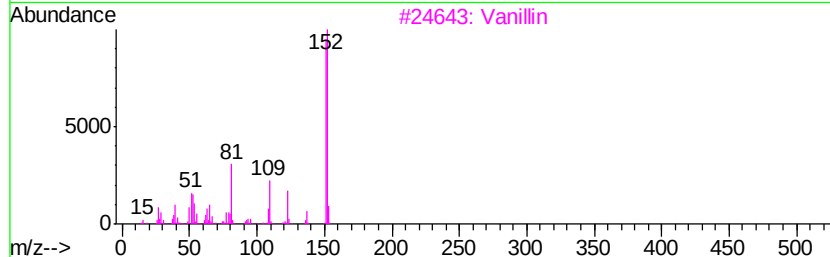
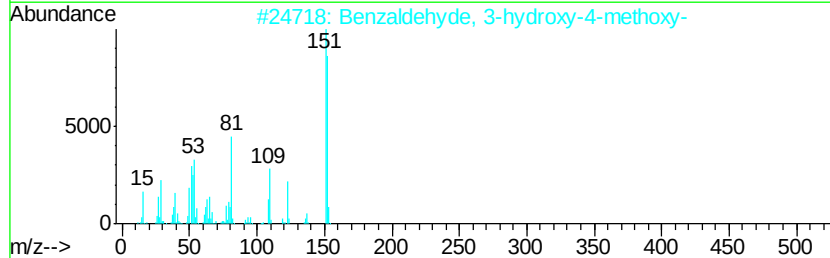
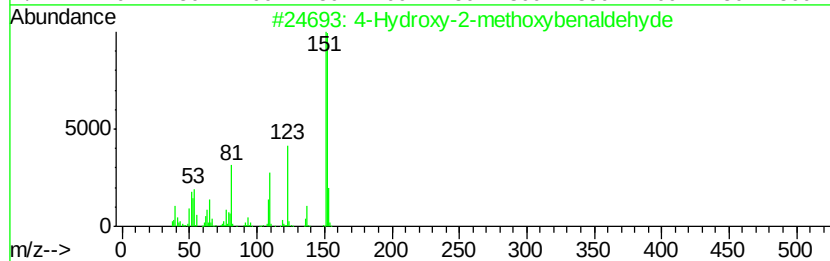
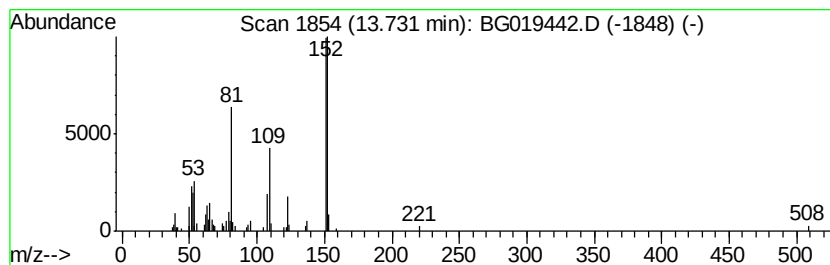
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4-Hydroxy-2-methoxybenzaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.28 ng/ul	87036	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydroxy-2-methoxybenzaldehyde	152	C8H8O3	018278-34-7	90
2		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	90
3		Vanillin	152	C8H8O3	000121-33-5	87
4		Vanillin	152	C8H8O3	000121-33-5	87
5		Vanillin	152	C8H8O3	000121-33-5	86



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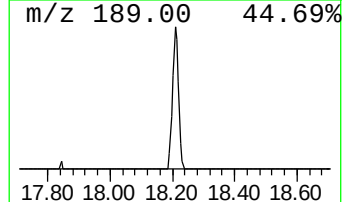
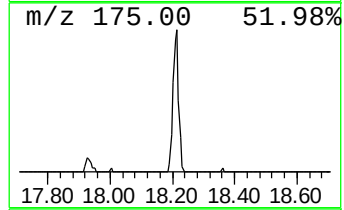
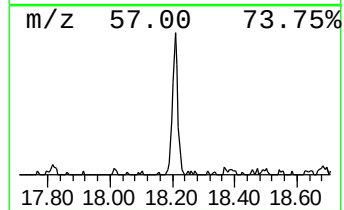
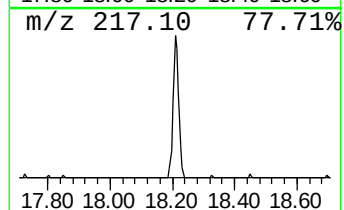
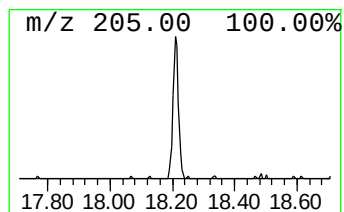
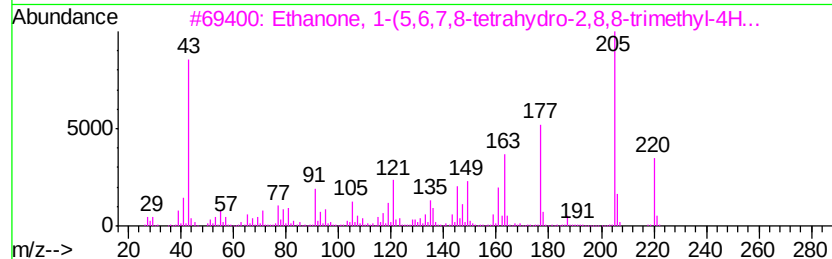
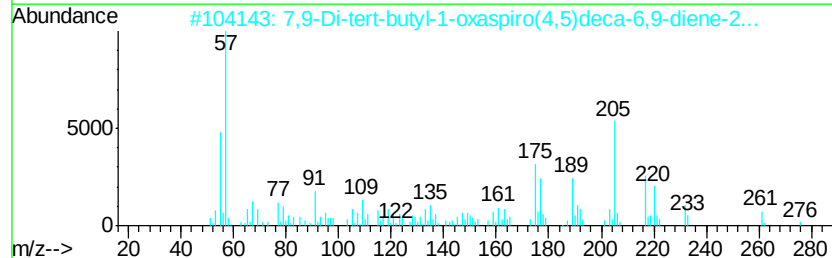
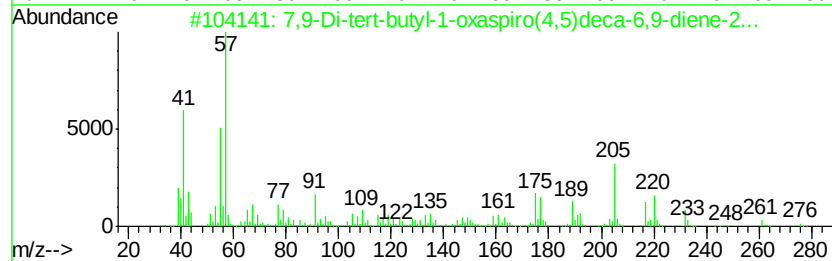
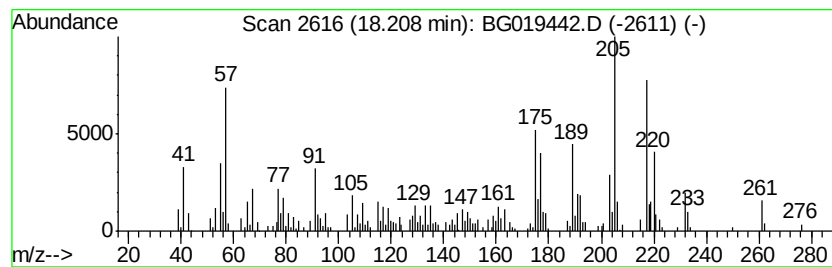
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	6.28 ng/ul	195885	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3		Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	47
4		1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	38
5		2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
Data File : BG019442.D
Acq On : 2 Nov 2015 21:05
Operator : UM/NP
Sample : G4202-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY63

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.22	25.3	ng/ul	224306	1	8.19	177640	20.0
Ethanone, 1-(1-cy...	9.29	2.2	ng/ul	19651	1	8.19	177640	20.0
4-Hydroxy-2-metho...	13.73	4.3	ng/ul	87036	3	14.82	406416	20.0
7,9-Di-tert-butyl...	18.21	6.3	ng/ul	195885	4	17.56	623854	20.0