

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021896.D
 Acq On : 15 May 2016 16:54
 Operator : UM/SJ
 Sample : H3096-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG3

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-BG050916.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	3.235	62	67	75	rVB3	12241	21032	1.19%	0.111%
2	3.329	79	83	92	rVB4	6645	12998	0.73%	0.069%
3	4.081	203	211	217	rBV5	6243	12565	0.71%	0.066%
4	4.310	245	250	255	rBV4	4580	8838	0.50%	0.047%
5	5.784	496	501	510	rVB5	3416	8538	0.48%	0.045%
6	6.137	555	561	571	rBV2	16468	37942	2.14%	0.200%
7	7.136	724	731	736	rBV4	10603	19988	1.13%	0.105%
8	7.312	755	761	770	rVV	91151	184645	10.40%	0.975%
9	7.482	783	790	803	rBV	87613	167893	9.46%	0.886%
10	7.694	819	826	835	rBV	110161	214576	12.09%	1.133%
11	8.164	894	906	915	rBV	147108	299033	16.85%	1.578%
12	8.863	1019	1025	1041	rVV	105479	216821	12.22%	1.144%
13	8.992	1043	1047	1052	rVB5	4500	7717	0.43%	0.041%
14	9.333	1097	1105	1117	rVV	95073	212920	12.00%	1.124%
15	9.421	1117	1120	1126	rVV6	8670	14995	0.84%	0.079%
16	10.062	1221	1229	1242	rBV	77146	170954	9.63%	0.902%
17	10.267	1259	1264	1274	rVB5	5713	11839	0.67%	0.062%
18	10.596	1313	1320	1330	rVV	152907	318271	17.93%	1.680%
19	10.667	1330	1332	1342	rVB5	3550	7209	0.41%	0.038%
20	10.931	1372	1377	1379	rBV3	5046	7839	0.44%	0.041%
21	10.984	1379	1386	1393	rBV	263550	533999	30.09%	2.818%
22	11.119	1402	1409	1418	rBV2	71529	167576	9.44%	0.884%
23	11.983	1549	1556	1566	rVB2	13093	26271	1.48%	0.139%
24	12.371	1617	1622	1629	rVB3	9191	15418	0.87%	0.081%
25	12.559	1649	1654	1658	rBV4	4094	8815	0.50%	0.047%
26	12.629	1661	1666	1674	rVB	15380	27792	1.57%	0.147%
27	12.770	1684	1690	1694	rBV6	3935	8105	0.46%	0.043%
28	12.847	1697	1703	1710	rVB2	11832	22073	1.24%	0.117%
29	13.058	1733	1739	1747	rVB6	5001	13439	0.76%	0.071%
30	13.246	1765	1771	1777	rBV7	3807	7286	0.41%	0.038%
31	13.311	1777	1782	1789	rVV5	10960	19726	1.11%	0.104%
32	13.399	1791	1797	1802	rVB4	5453	8956	0.50%	0.047%
33	13.599	1826	1831	1834	rBV2	14034	22491	1.27%	0.119%
34	13.669	1839	1843	1851	rVV6	12172	25311	1.43%	0.134%

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35	13.963	1885	1893	1894	rBV5	6798	12971	0.73%	0.068%
36	14.034	1900	1905	1913	rBV3	15605	37589	2.12%	0.198%
37	14.110	1913	1918	1923	rVV3	20643	39911	2.25%	0.211%
38	14.186	1923	1931	1936	rVV	333117	600365	33.83%	3.169%
39	14.233	1936	1939	1946	rVV	136985	221006	12.45%	1.166%
40	14.310	1946	1952	1956	rVV3	21105	37490	2.11%	0.198%
41	14.486	1974	1982	1996	rBV	476402	827954	46.65%	4.370%
42	14.615	1999	2004	2008	rBV5	6743	10640	0.60%	0.056%
43	14.662	2008	2012	2021	rVB2	27260	43228	2.44%	0.228%
44	14.792	2021	2034	2041	rBV2	474345	886904	49.98%	4.681%
45	14.862	2041	2046	2051	rVB5	10584	24957	1.41%	0.132%
46	14.915	2051	2055	2060	rVB3	8580	13544	0.76%	0.071%
47	14.980	2060	2066	2070	rBV	42179	89801	5.06%	0.474%
48	15.038	2070	2076	2095	rVV	590434	1158600	65.29%	6.115%
49	15.179	2095	2100	2105	rVB3	18778	37838	2.13%	0.200%
50	15.262	2110	2114	2118	rBV5	6418	11065	0.62%	0.058%
51	15.397	2131	2137	2142	rBV3	14131	25124	1.42%	0.133%
52	15.450	2142	2146	2152	rVB6	8907	17311	0.98%	0.091%
53	15.502	2152	2155	2161	rVB7	5712	7202	0.41%	0.038%
54	15.567	2161	2166	2169	rBV4	21243	37830	2.13%	0.200%
55	15.608	2169	2173	2178	rVB	46619	67944	3.83%	0.359%
56	15.779	2192	2202	2214	rVV	609108	1074905	60.57%	5.673%
57	15.890	2215	2221	2230	rVB	103479	181684	10.24%	0.959%
58	16.014	2234	2242	2253	rBV6	27966	66612	3.75%	0.352%
59	16.125	2255	2261	2265	rBV2	12098	23010	1.30%	0.121%
60	16.231	2274	2279	2282	rBV7	7756	11971	0.67%	0.063%
61	16.278	2283	2287	2289	rVV4	8159	11799	0.66%	0.062%
62	16.325	2290	2295	2300	rVB	40818	67347	3.79%	0.355%
63	16.419	2306	2311	2315	rBV7	6772	12225	0.69%	0.065%
64	16.472	2315	2320	2321	rVV	54590	70530	3.97%	0.372%
65	16.495	2322	2324	2329	rVB2	67147	85108	4.80%	0.449%
66	16.813	2374	2378	2379	rBV3	8185	9458	0.53%	0.050%
67	16.866	2383	2387	2393	rVV	79354	132862	7.49%	0.701%
68	16.924	2393	2397	2402	rVB	16984	27333	1.54%	0.144%
69	16.983	2403	2407	2411	rBV7	9000	12470	0.70%	0.066%
70	17.054	2415	2419	2425	rBV7	13889	38289	2.16%	0.202%
71	17.183	2436	2441	2448	rBV3	30683	62234	3.51%	0.328%

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72	17.265	2449	2455	2459	rVV	56976	96677	5.45%	0.510%
73	17.312	2459	2463	2468	rVV8	18425	35703	2.01%	0.188%
74	17.353	2468	2470	2472	rVB3	8459	7498	0.42%	0.040%
75	17.400	2475	2478	2486	rVB8	24697	38914	2.19%	0.205%
76	17.465	2486	2489	2493	rBV5	12423	17862	1.01%	0.094%
77	17.535	2493	2501	2505	rBV	559107	966713	54.47%	5.102%
78	17.577	2505	2508	2512	rVV	125828	199441	11.24%	1.053%
79	17.629	2512	2517	2528	rVB2	600821	1022331	57.61%	5.396%
80	17.935	2564	2569	2575	rBV2	20806	47316	2.67%	0.250%
81	18.000	2577	2580	2585	rVV2	43115	59684	3.36%	0.315%
82	18.047	2585	2588	2592	rVB6	11509	14614	0.82%	0.077%
83	18.287	2627	2629	2632	rVB3	11410	10495	0.59%	0.055%
84	18.399	2644	2648	2653	rBV3	77628	133661	7.53%	0.705%
85	18.452	2653	2657	2659	rBV2	30062	43278	2.44%	0.228%
86	18.593	2676	2681	2686	rBV2	50681	103919	5.86%	0.548%
87	18.693	2693	2698	2704	rBV2	42400	79222	4.46%	0.418%
88	18.898	2729	2733	2737	rBV	30015	43874	2.47%	0.232%
89	19.316	2799	2804	2808	rBV2	69194	106570	6.01%	0.562%
90	19.457	2824	2828	2835	rVB3	28422	54666	3.08%	0.289%
91	19.574	2843	2848	2855	rVB	322338	502866	28.34%	2.654%
92	19.715	2869	2872	2878	rBV7	25419	44613	2.51%	0.235%
93	19.909	2897	2905	2918	rBV2	794679	1774661	100.00%	9.367%
94	20.420	2989	2992	2998	rVB2	79585	117583	6.63%	0.621%
95	21.431	3159	3164	3169	rVB	372389	564067	31.78%	2.977%
96	21.683	3203	3207	3214	rVB	158222	232916	13.12%	1.229%
97	21.819	3222	3230	3235	rBV2	632240	1424463	80.27%	7.518%
98	24.092	3611	3617	3624	rBV	150161	435045	24.51%	2.296%
99	24.927	3752	3759	3766	rBV3	259024	681966	38.43%	3.599%
100	25.162	3789	3799	3809	rBV3	350229	1125097	63.40%	5.938%

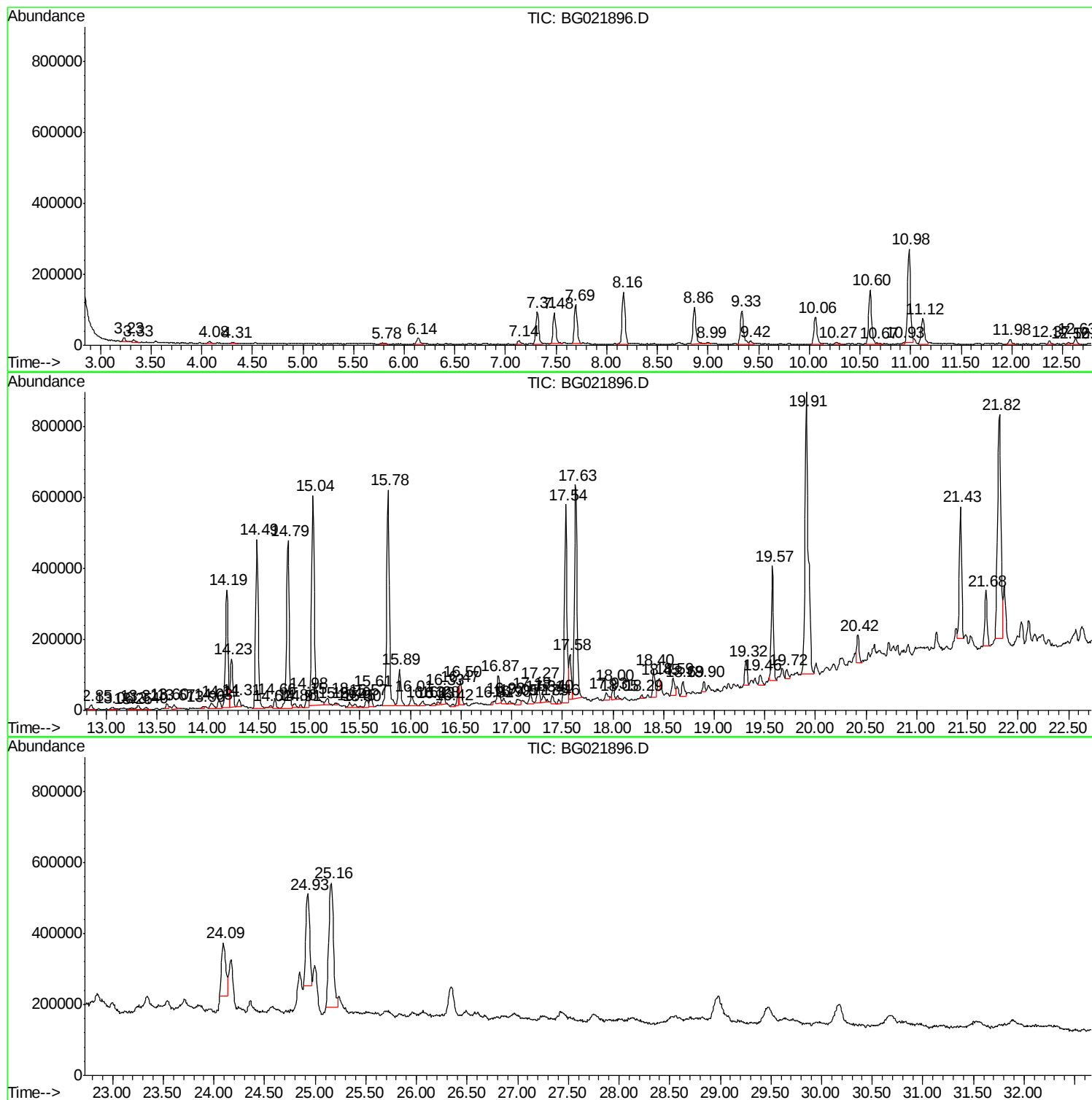
Sum of corrected areas: 18946697

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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



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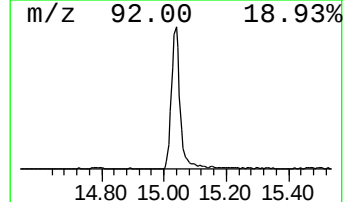
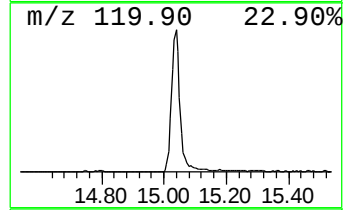
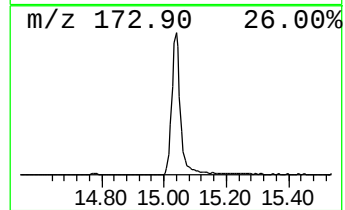
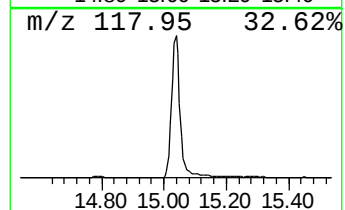
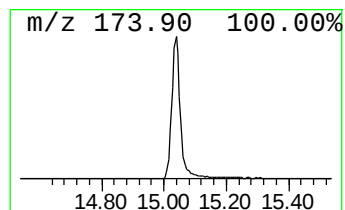
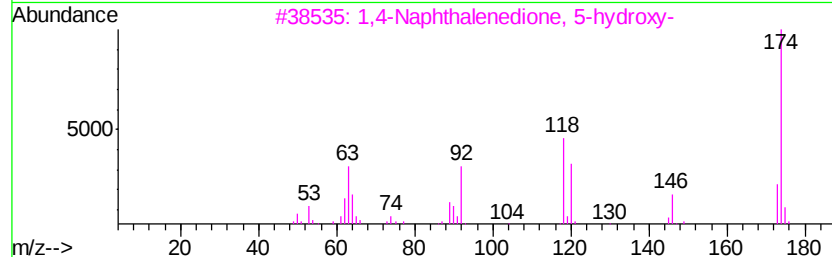
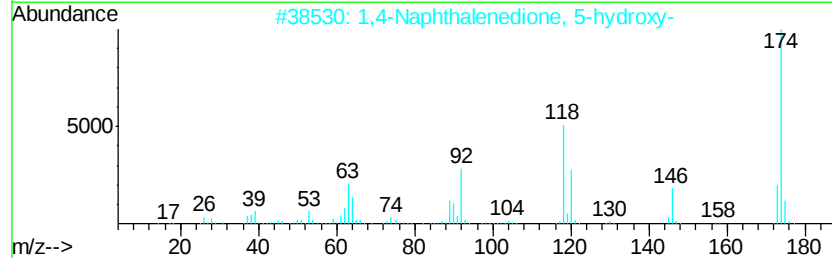
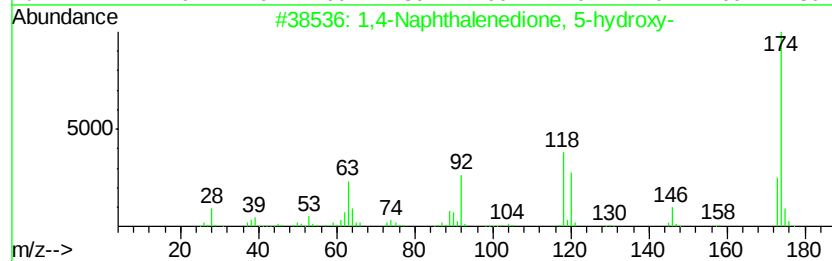
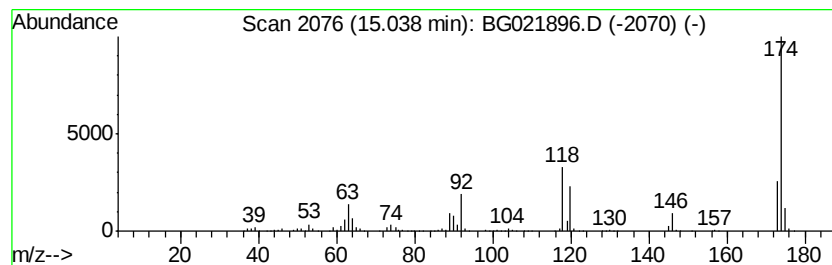
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,4-Naphthalenedione, 5-hyd... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	26.13 ng/ul	1158600	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	96
2			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	94
3			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	87
4			2-(1-Methyl-1H-1,2,4-triazol-3-y...	174	C9H10N4	038154-38-0	47
5			Benzene, 1-(diethylboryl)-2-(dim...	203	C13H22BN	1000162-42-1	47



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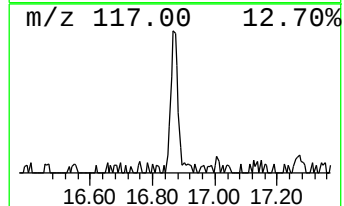
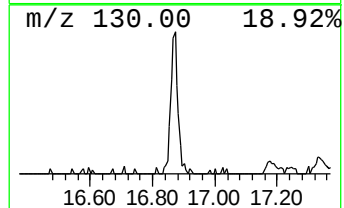
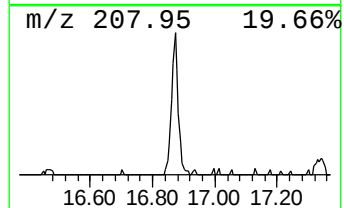
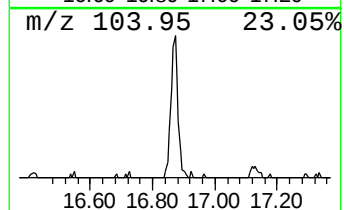
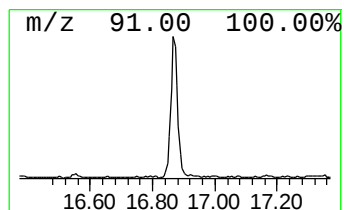
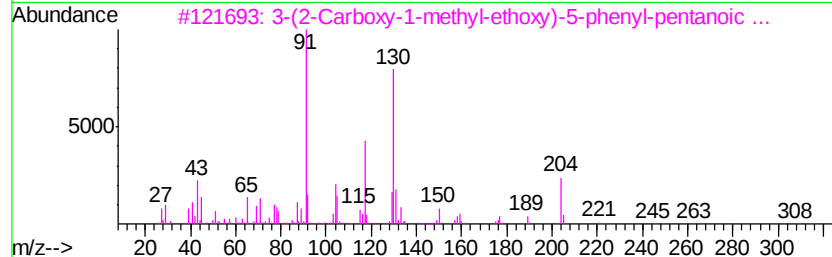
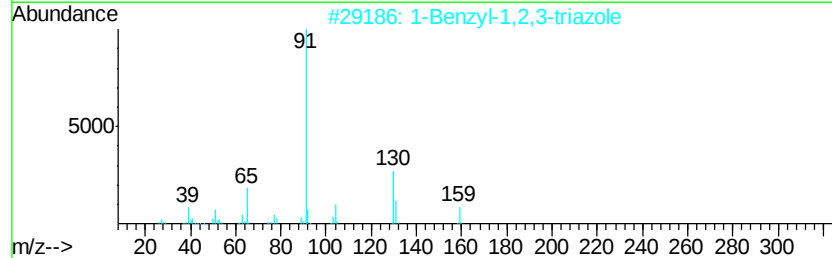
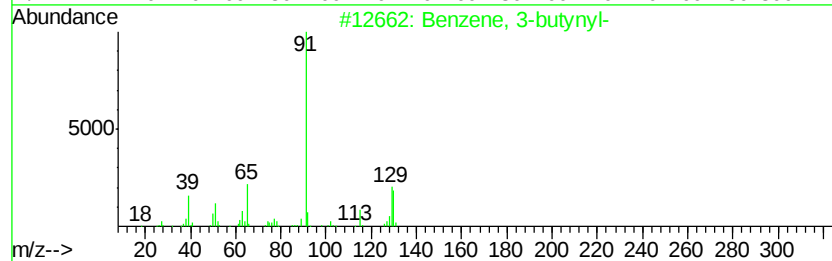
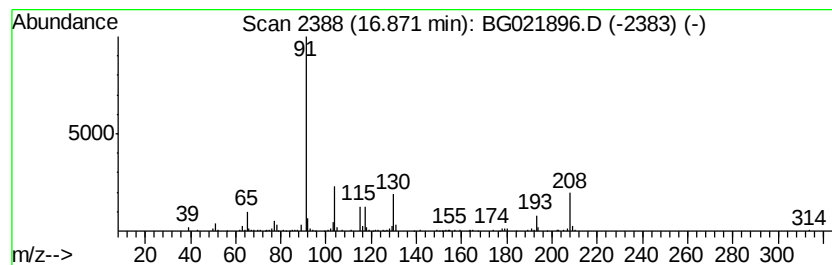
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.87	2.75 ng/ul	132862	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3-butynyl-	130	C10H10	016520-62-0	16
2	1-Benzyl-1,2,3-triazole	159	C9H9N3	004368-68-7	16
3	3-(2-Carboxy-1-methyl-ethoxy)-5-...	308	C17H24O5	1000193-10-9	16
4	3-(Benzylthio)acrylic acid, meth...	208	C11H12O2S	1000192-96-8	14
5	2-Pentenoic acid, 5-phenyl-, eth...	204	C13H16O2	055282-95-6	12



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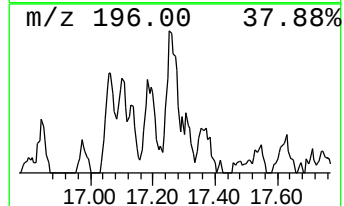
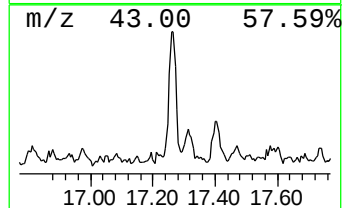
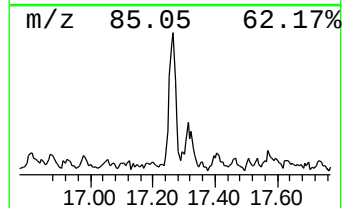
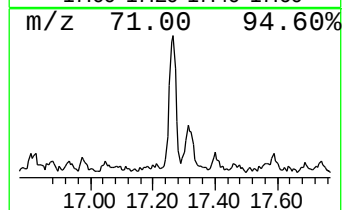
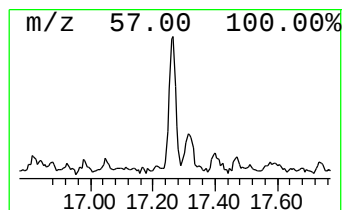
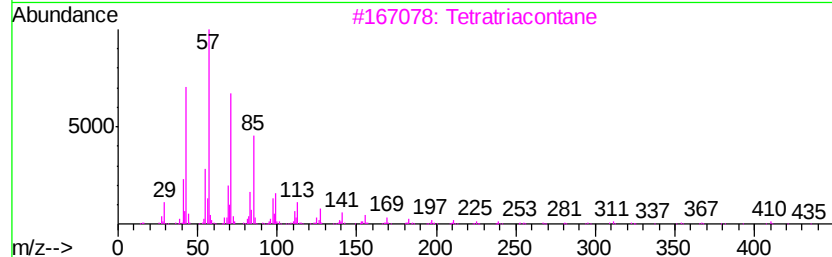
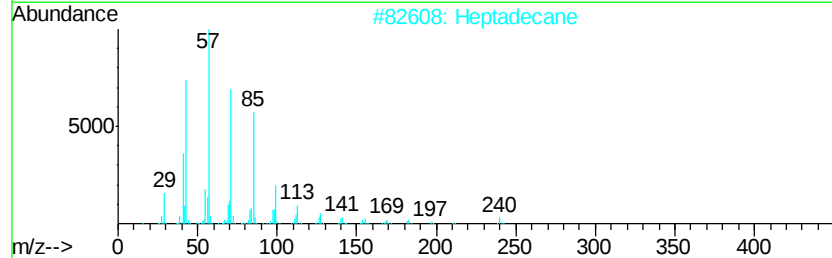
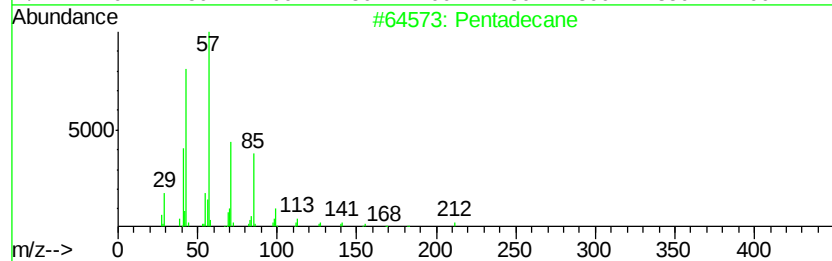
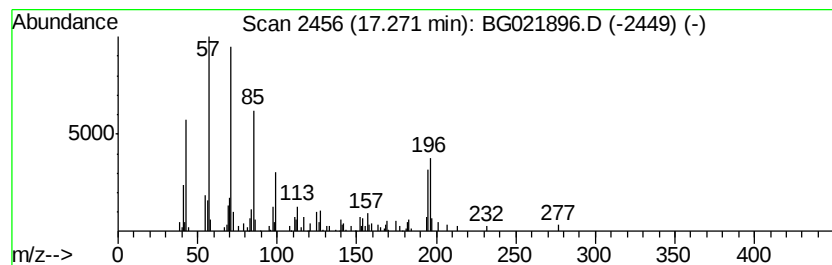
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.00 ng/ul	96677	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	76
2		Heptadecane	240	C17H36	000629-78-7	74
3		Tetratriacontane	479	C34H70	014167-59-0	72
4		Heneicosane	296	C21H44	000629-94-7	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021896.D
Acq On : 15 May 2016 16:54
Operator : UM/SJ
Sample : H3096-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG3

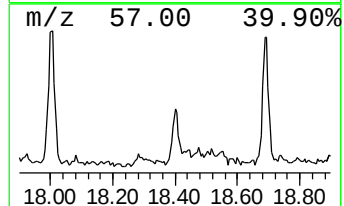
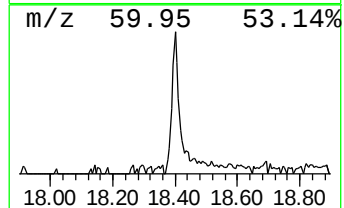
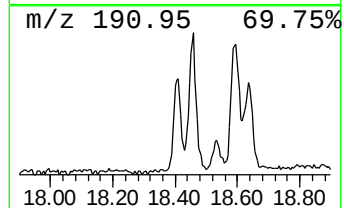
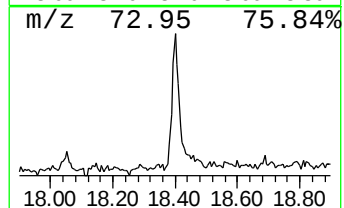
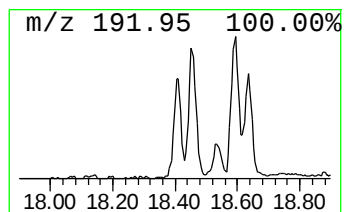
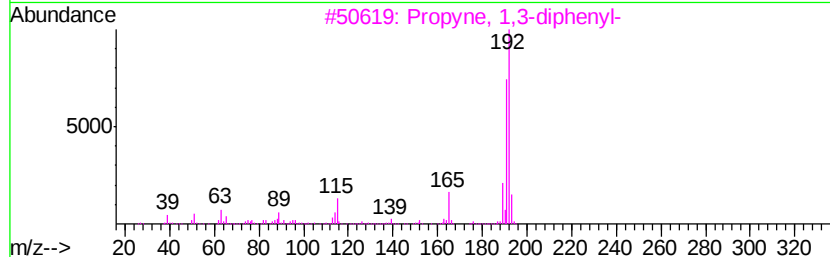
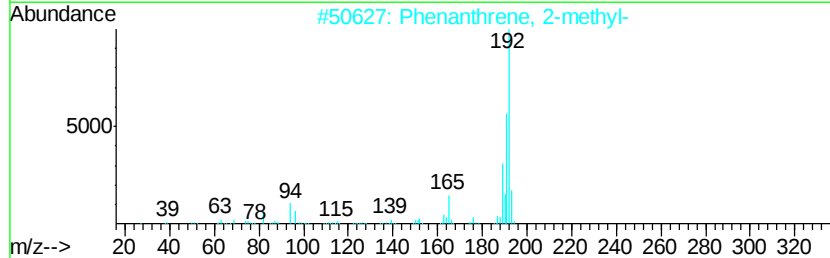
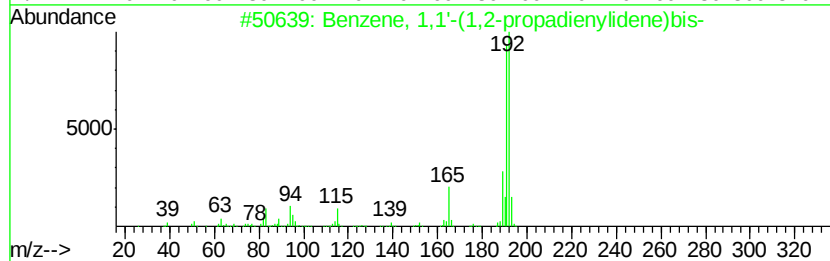
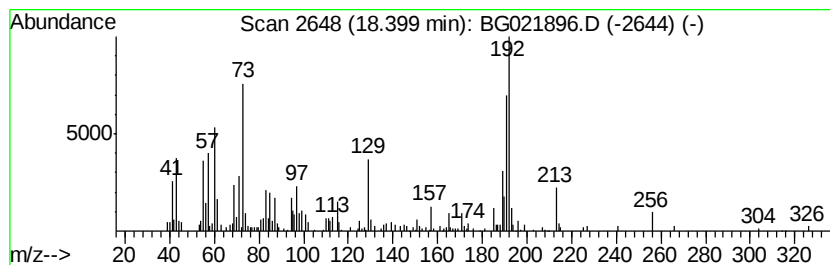
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.77 ng/ul	133661	Phenanthrene-d10	17.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	49
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
3		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38
4		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
5		Tridecanoic acid	214	C13H26O2	000638-53-9	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021896.D
Acq On : 15 May 2016 16:54
Operator : UM/SJ
Sample : H3096-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

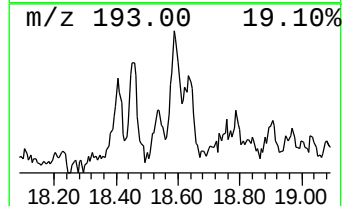
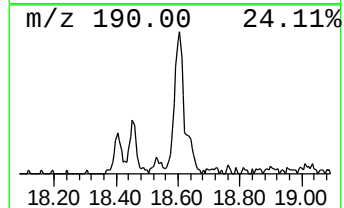
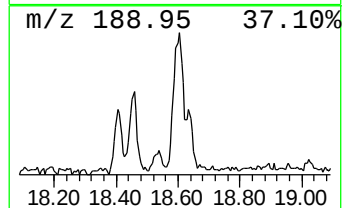
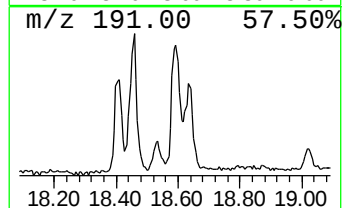
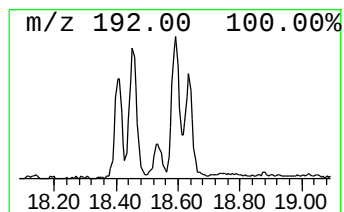
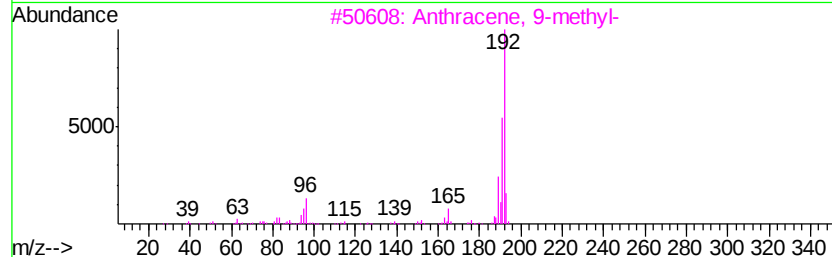
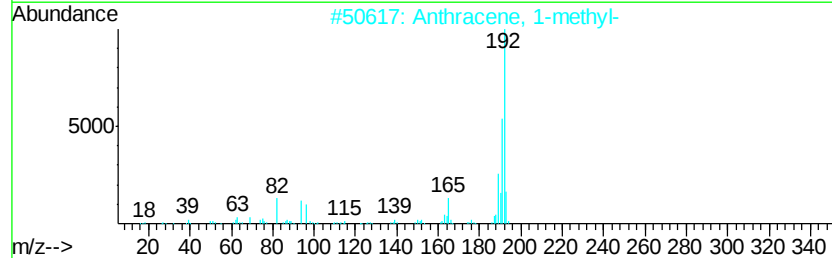
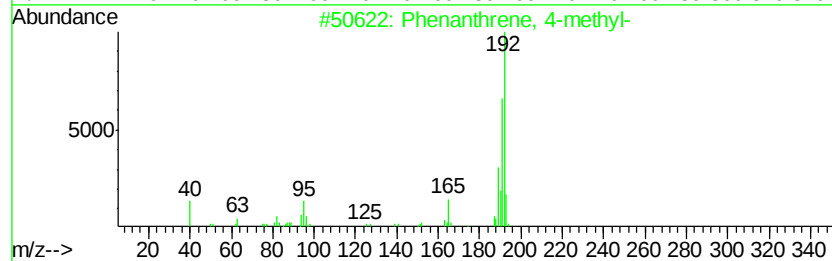
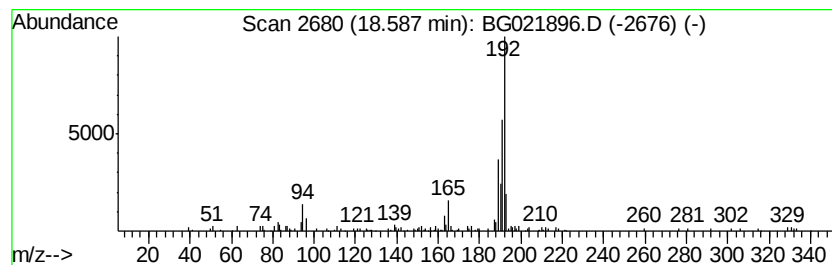
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.59	2.15 ng/ul	103919	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021896.D
Acq On : 15 May 2016 16:54
Operator : UM/SJ
Sample : H3096-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG3

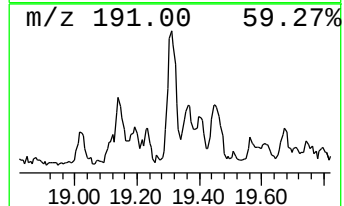
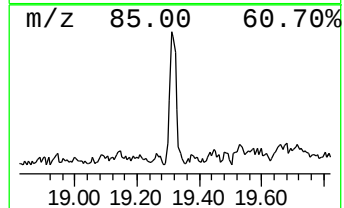
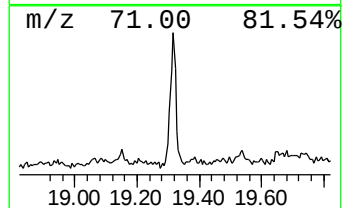
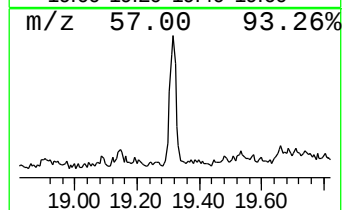
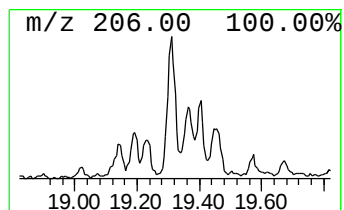
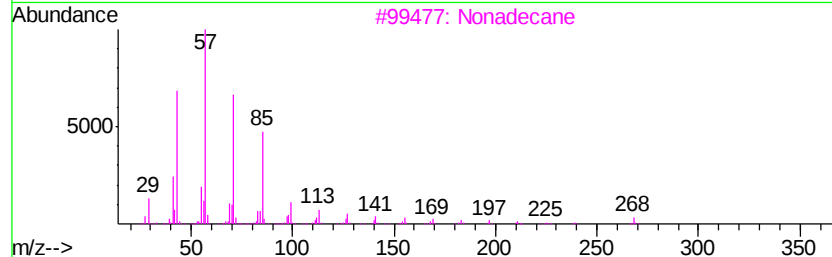
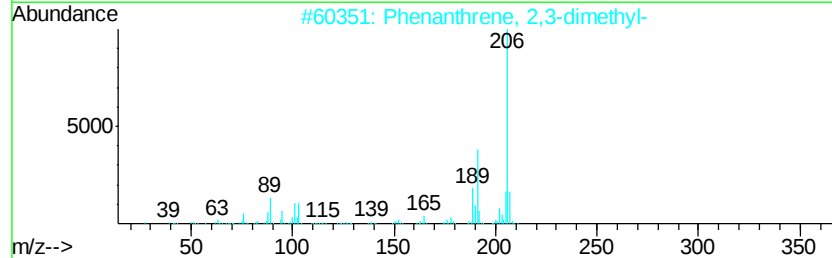
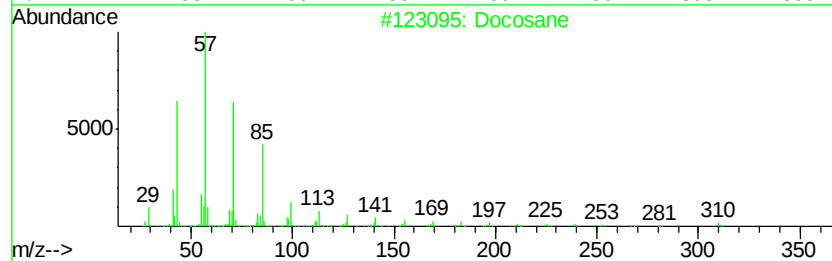
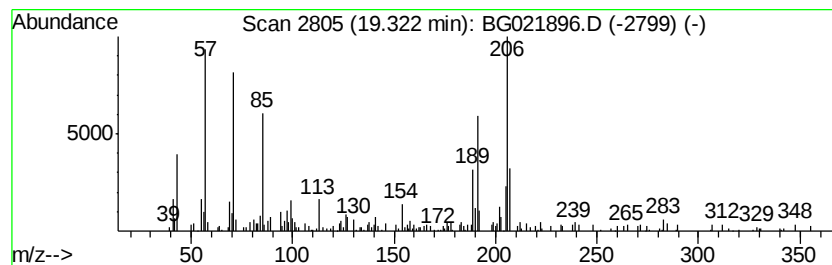
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.20 ng/ul	106570	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	55
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
3		Nonadecane	268	C19H40	000629-92-5	53
4		Tetracosane	338	C24H50	000646-31-1	50
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
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Acq On : 15 May 2016 16:54
Operator : UM/SJ
Sample : H3096-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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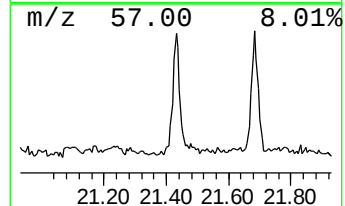
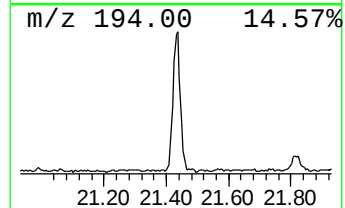
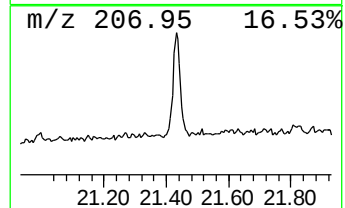
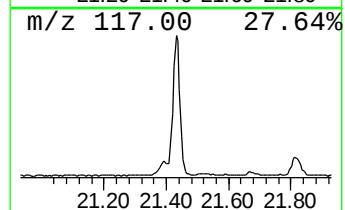
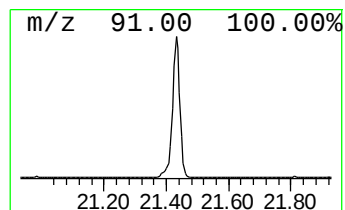
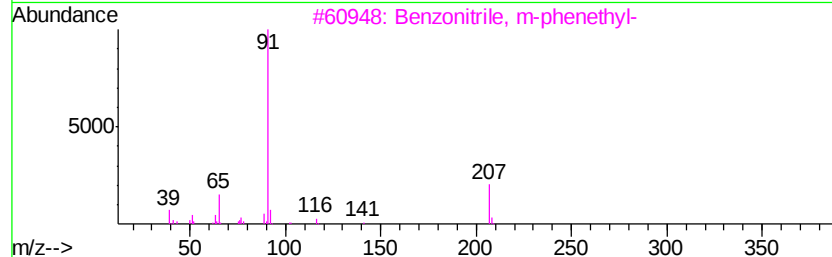
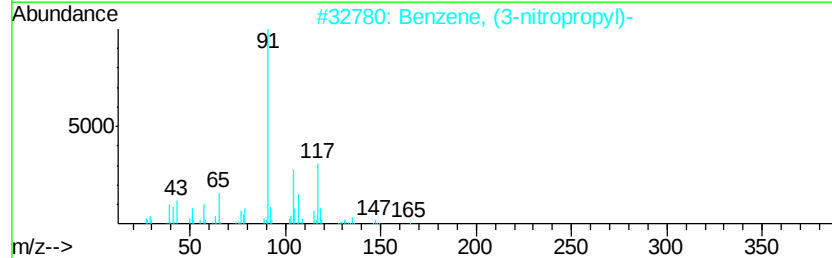
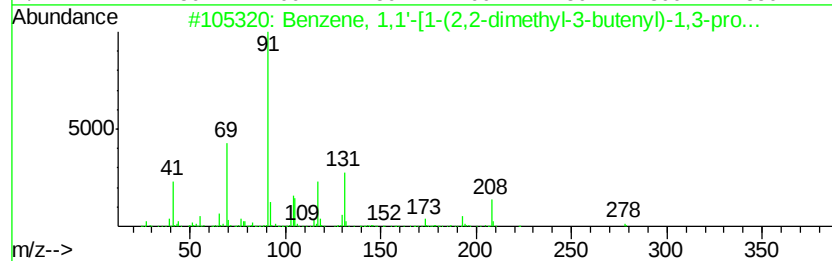
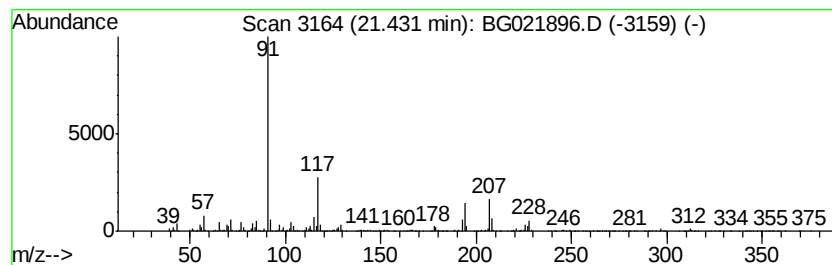
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	7.92 ng/ul	564067	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-[1-(2,2-dimethyl-3...	278	C21H26	061142-62-9	23
2		Benzene, (3-nitropropyl)-	165	C9H11NO2	022818-69-5	17
3		Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	12
4		Butanamide, 3-hydroxy-3-methyl-N...	223	C12H17NO3	1000185-71-6	9
5		Carbamic acid, phenyl-, phenylme...	227	C14H13NO2	003422-02-4	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
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Acq On : 15 May 2016 16:54
Operator : UM/SJ
Sample : H3096-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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
1,4-Naphthalenedi...	15.04	26.1	ng/ul	1158600	3	14.79	886904	20.0
unknown-01	16.87	2.8	ng/ul	132862	4	17.54	966713	20.0
(DEL) Alkane: Str...	17.27	2.0	ng/ul	96677	4	17.54	966713	20.0
unknown-02	18.40	2.8	ng/ul	133661	4	17.54	966713	20.0
Phenanthrene, 4-m...	18.59	2.1	ng/ul	103919	4	17.54	966713	20.0
(DEL) Alkane: Str...	19.32	2.2	ng/ul	106570	4	17.54	966713	20.0
unknown-03	21.43	7.9	ng/ul	564067	5	21.82	1424460	20.0