

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
 Data File : BG017778.D
 Acq On : 6 Jul 2015 20:44
 Operator : TP/UM
 Sample : G2860-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

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-BG070615.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.812	17	21	24	rBV	109571	138982	2.52%	0.231%
2	2.882	29	33	48	rVB	3124181	4208773	76.18%	7.009%
3	3.640	159	162	167	rVB	46050	57603	1.04%	0.096%
4	4.745	346	350	360	rVB3	40623	66916	1.21%	0.111%
5	6.777	687	696	705	rBV	315935	542881	9.83%	0.904%
6	6.948	719	725	732	rBV	217993	340715	6.17%	0.567%
7	7.136	751	757	764	rBV	297135	469878	8.51%	0.783%
8	7.606	830	837	844	rBV	792984	1239917	22.44%	2.065%
9	7.835	871	876	885	rBV4	21660	41706	0.75%	0.069%
10	8.311	948	957	966	rBV	342890	586656	10.62%	0.977%
11	8.423	970	976	982	rBV	256500	415684	7.52%	0.692%
12	8.752	1025	1032	1041	rVB	278755	453180	8.20%	0.755%
13	9.468	1147	1154	1162	rVB	234746	397403	7.19%	0.662%
14	9.633	1176	1182	1191	rBV2	22045	52838	0.96%	0.088%
15	9.833	1211	1216	1223	rVB3	24725	38597	0.70%	0.064%
16	10.003	1238	1245	1257	rVB	390124	640523	11.59%	1.067%
17	10.385	1301	1310	1316	rBV	1217095	2042717	36.98%	3.402%
18	10.432	1316	1318	1324	rVB	34389	45324	0.82%	0.075%
19	10.526	1324	1334	1346	rBV	170406	334469	6.05%	0.557%
20	10.926	1396	1402	1408	rVB7	18466	34292	0.62%	0.057%
21	11.166	1439	1443	1447	rBV2	16816	28823	0.52%	0.048%
22	11.754	1536	1543	1548	rBV5	11496	25445	0.46%	0.042%
23	12.054	1589	1594	1600	rVB2	23382	37306	0.68%	0.062%
24	12.277	1626	1632	1637	rVB2	18705	28467	0.52%	0.047%
25	12.606	1684	1688	1693	rVB5	13278	24449	0.44%	0.041%
26	12.859	1727	1731	1736	rVB2	25980	35365	0.64%	0.059%
27	13.088	1765	1770	1775	rBV6	19482	31236	0.57%	0.052%
28	13.575	1846	1853	1858	rBV2	29455	53606	0.97%	0.089%
29	13.669	1864	1869	1874	rVV	565450	818581	14.82%	1.363%
30	13.716	1874	1877	1882	rVV	198727	265687	4.81%	0.442%
31	13.805	1888	1892	1896	rBV4	14518	24895	0.45%	0.041%
32	13.946	1909	1916	1927	rBV	724397	1180631	21.37%	1.966%
33	14.175	1950	1955	1959	rBV2	33995	44983	0.81%	0.075%
34	14.257	1962	1969	1976	rVV2	1882528	2859390	51.76%	4.762%

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35	14.316	1976	1979	1984	rVB2	19992	29601	0.54%	0.049%
36	14.457	1997	2003	2014	rBV	260829	420296	7.61%	0.700%
37	14.609	2025	2029	2033	rBV6	22208	37242	0.67%	0.062%
38	14.656	2033	2037	2040	rBV3	23939	31786	0.58%	0.053%
39	14.739	2047	2051	2057	rVB2	21783	30636	0.55%	0.051%
40	14.797	2057	2061	2066	rBV7	18208	32869	0.59%	0.055%
41	14.880	2070	2075	2079	rVV6	18361	34220	0.62%	0.057%
42	15.050	2099	2104	2107	rBV7	16445	27710	0.50%	0.046%
43	15.132	2114	2118	2124	rVB2	59689	77810	1.41%	0.130%
44	15.256	2132	2139	2144	rVV	940207	1347058	24.38%	2.243%
45	15.309	2144	2148	2153	rVV4	51846	78734	1.43%	0.131%
46	15.373	2154	2159	2166	rVB	185688	246197	4.46%	0.410%
47	15.538	2181	2187	2193	rBV5	38533	67416	1.22%	0.112%
48	15.755	2219	2224	2231	rBV5	30376	61064	1.11%	0.102%
49	15.990	2260	2264	2267	rBV4	88613	134617	2.44%	0.224%
50	16.519	2350	2354	2358	rBV2	122110	166871	3.02%	0.278%
51	16.660	2375	2378	2385	rVB2	58863	85894	1.55%	0.143%
52	16.789	2396	2400	2403	rVV2	77945	111280	2.01%	0.185%
53	16.830	2403	2407	2415	rVB2	73112	152993	2.77%	0.255%
54	17.013	2431	2438	2441	rBV2	2108698	3188511	57.71%	5.310%
55	17.048	2441	2444	2449	rVV	868211	1195577	21.64%	1.991%
56	17.107	2449	2454	2458	rVV	981676	1406110	25.45%	2.342%
57	17.142	2458	2460	2464	rVB	157178	168818	3.06%	0.281%
58	17.195	2467	2469	2477	rVB7	29645	50609	0.92%	0.084%
59	17.412	2503	2506	2510	rBV	46089	56609	1.02%	0.094%
60	17.530	2522	2526	2531	rVB4	86146	134152	2.43%	0.223%
61	17.588	2533	2536	2539	rVV2	41469	53021	0.96%	0.088%
62	17.882	2583	2586	2590	rBV	147094	202488	3.67%	0.337%
63	17.929	2590	2594	2602	rVB2	262309	412401	7.46%	0.687%
64	18.076	2614	2619	2623	rBV2	206638	381780	6.91%	0.636%
65	18.117	2623	2626	2631	rVB2	111216	158191	2.86%	0.263%
66	18.223	2642	2644	2649	rVB4	44687	57500	1.04%	0.096%
67	18.393	2669	2673	2676	rBV	126232	178759	3.24%	0.298%
68	18.429	2676	2679	2685	rVB4	107153	155235	2.81%	0.259%
69	18.493	2687	2690	2693	rBV	63177	80323	1.45%	0.134%
70	18.693	2721	2724	2726	rBV3	46083	62604	1.13%	0.104%
71	18.722	2727	2729	2734	rVB2	81415	97521	1.77%	0.162%

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72	18.810	2740	2744	2749	rBV	133039	193691	3.51%	0.323%
73	18.863	2750	2753	2758	rBV4	82574	131704	2.38%	0.219%
74	18.951	2764	2768	2777	rBV	125790	275385	4.98%	0.459%
75	19.075	2784	2789	2795	rVB	1652211	2147932	38.88%	3.577%
76	19.222	2810	2814	2818	rBV3	85687	138067	2.50%	0.230%
77	19.410	2841	2846	2849	rBV2	1253029	1912950	34.63%	3.186%
78	19.439	2849	2851	2860	rVB	1739381	2200515	39.83%	3.665%
79	20.038	2951	2953	2957	rVB	142115	149740	2.71%	0.249%
80	20.097	2959	2963	2967	rVV2	276676	396650	7.18%	0.661%
81	20.238	2983	2987	2990	rBV	253544	328284	5.94%	0.547%
82	20.279	2991	2994	2999	rVV	236853	331211	6.00%	0.552%
83	20.326	2999	3002	3010	rVB7	119181	192164	3.48%	0.320%
84	20.685	3060	3063	3069	rVB	285250	407241	7.37%	0.678%
85	20.779	3076	3079	3084	rVB	200207	279869	5.07%	0.466%
86	20.832	3085	3088	3091	rBV2	202382	294515	5.33%	0.490%
87	20.896	3096	3099	3101	rBV	156934	154204	2.79%	0.257%
88	20.943	3102	3107	3112	rBV3	324039	637542	11.54%	1.062%
89	21.208	3146	3152	3156	rBV2	3124039	5524588	100.00%	9.201%
90	21.249	3156	3159	3166	rVB	1132918	1451778	26.28%	2.418%
91	21.319	3168	3171	3174	rBV	240272	294174	5.32%	0.490%
92	21.701	3233	3236	3238	rBV4	152866	199025	3.60%	0.331%
93	21.736	3239	3242	3243	rBV2	228074	228344	4.13%	0.380%
94	22.265	3328	3332	3341	rVB5	476179	874159	15.82%	1.456%
95	22.770	3412	3418	3423	rBV	1048551	2427465	43.94%	4.043%
96	23.246	3494	3499	3503	rBV	706638	1316669	23.83%	2.193%
97	23.299	3503	3508	3511	rVV2	773371	1365436	24.72%	2.274%
98	23.346	3511	3516	3523	rVB	1262940	2313798	41.88%	3.853%
99	23.446	3526	3533	3538	rBV	1883910	3523465	63.78%	5.868%
100	25.696	3911	3916	3927	rVB3	587030	1533527	27.76%	2.554%

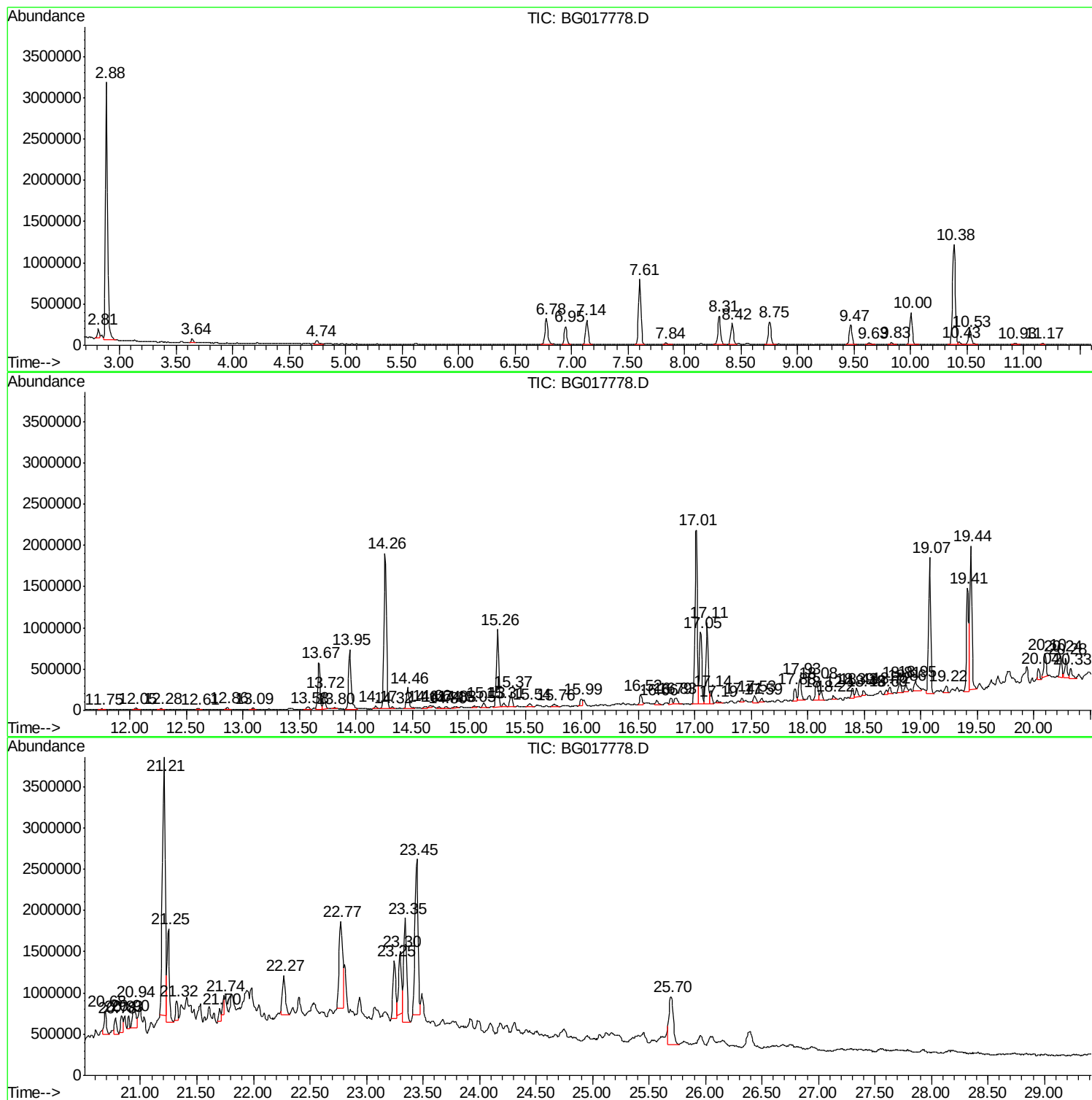
Sum of corrected areas: 60046513

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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



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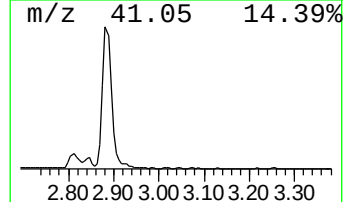
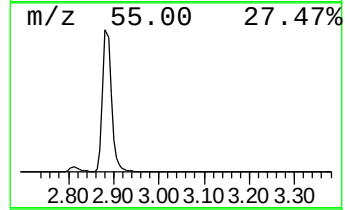
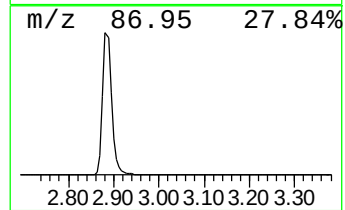
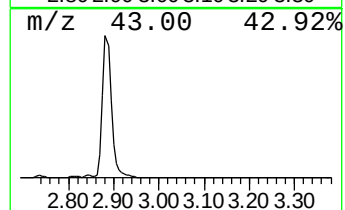
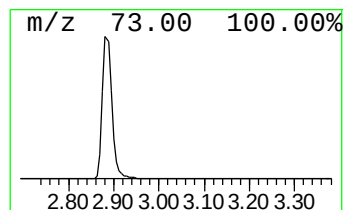
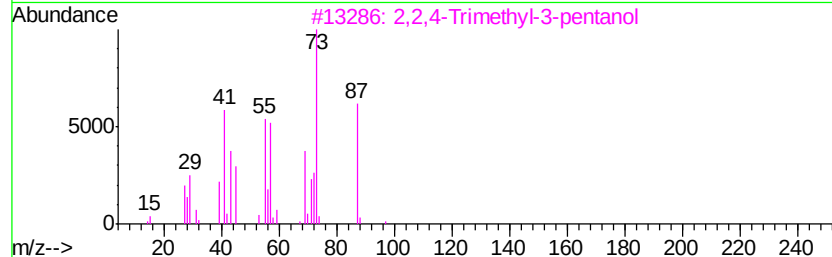
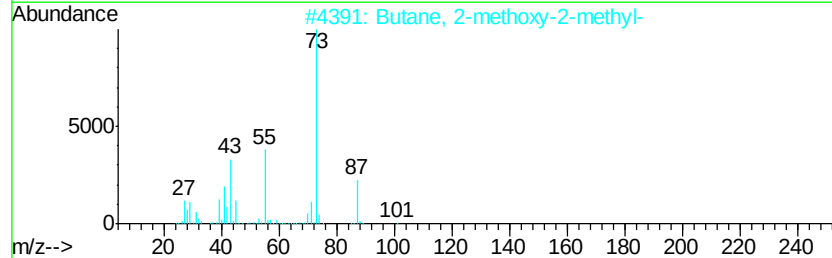
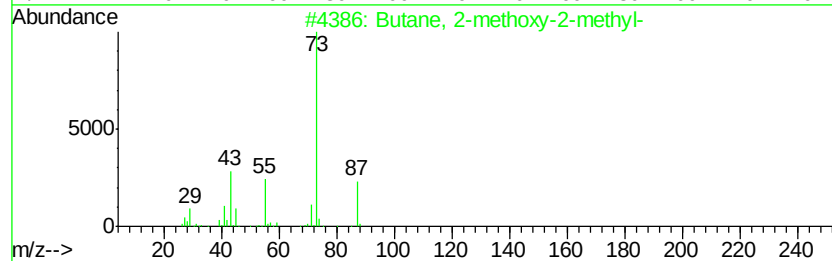
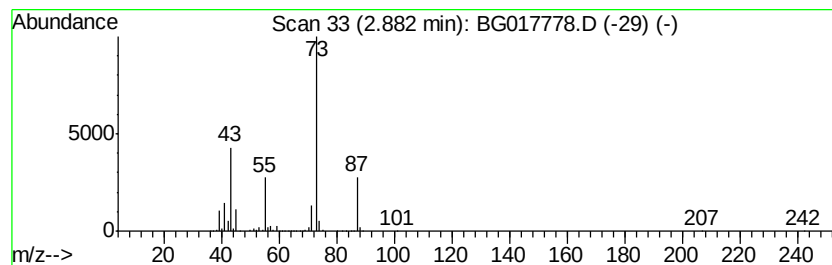
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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.
2.88	67.89 ng/ul	4208770	1,4-Dichlorobenzene-d4	7.61

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	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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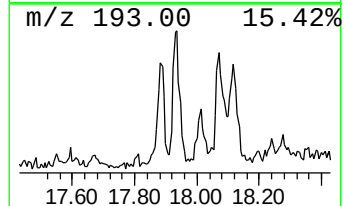
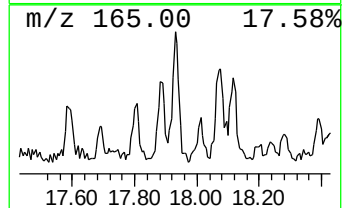
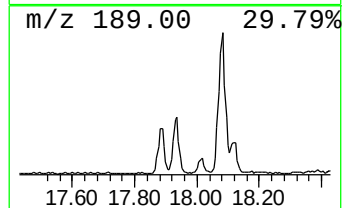
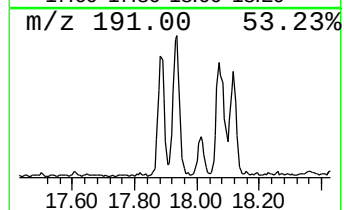
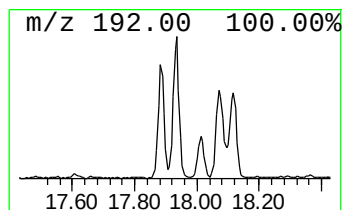
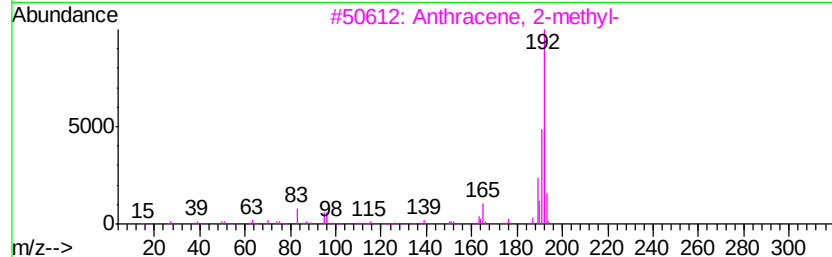
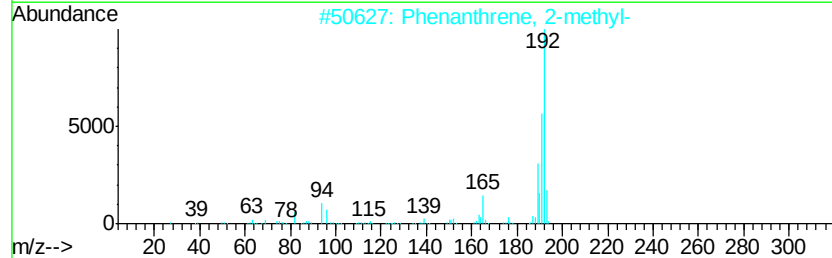
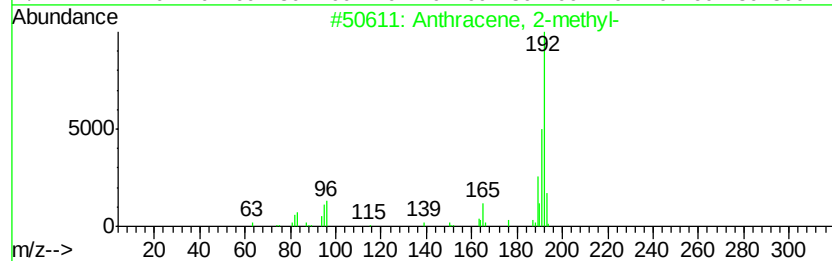
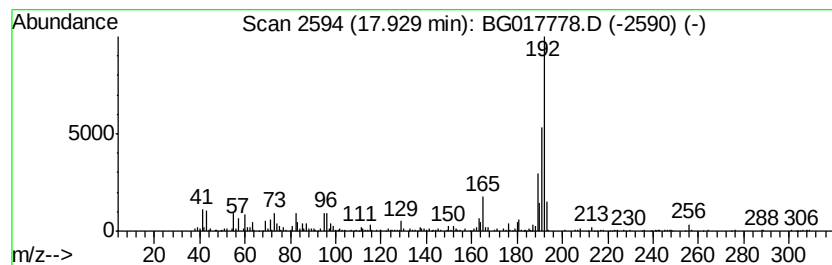
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.59 ng/ul	412401	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



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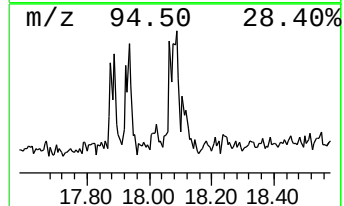
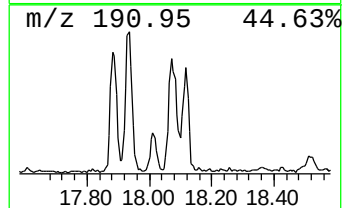
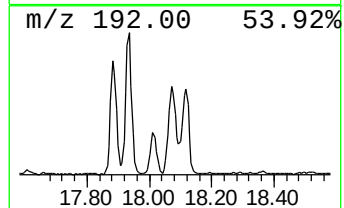
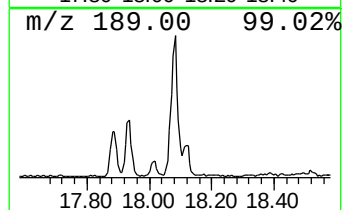
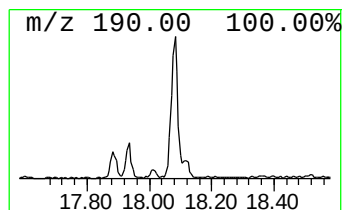
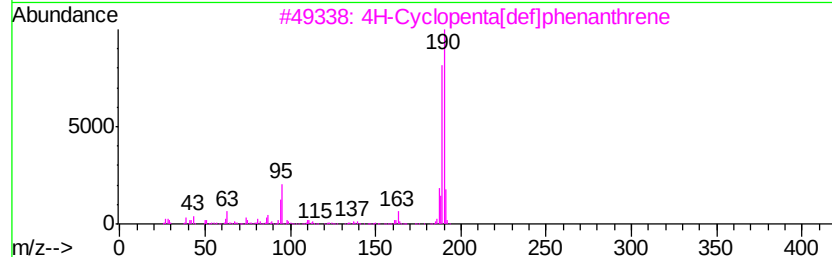
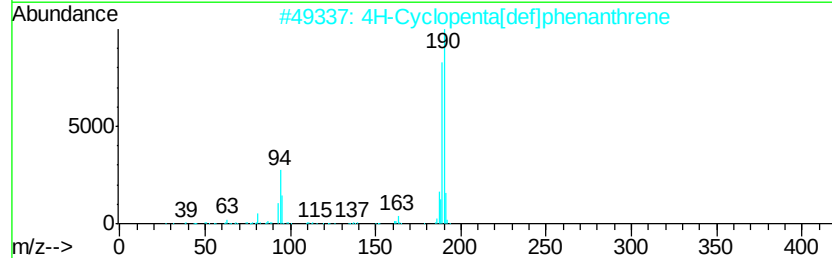
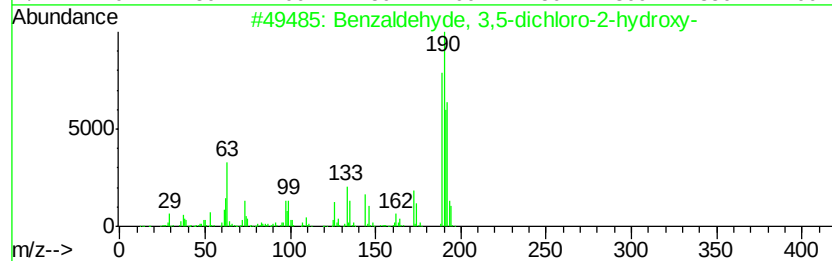
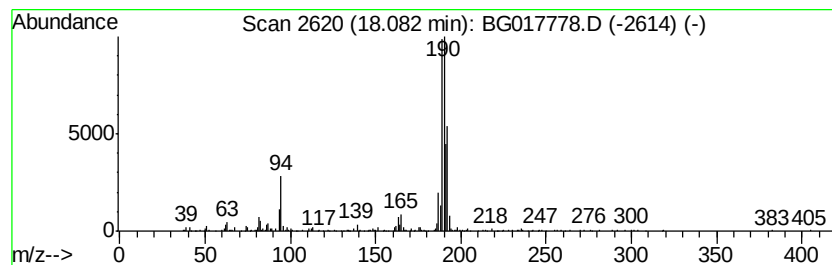
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.39 ng/ul	381780	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017778.D
Acq On : 6 Jul 2015 20:44
Operator : TP/UM
Sample : G2860-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

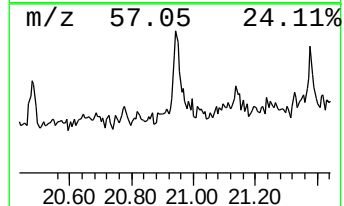
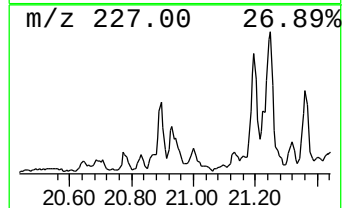
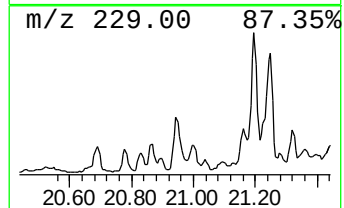
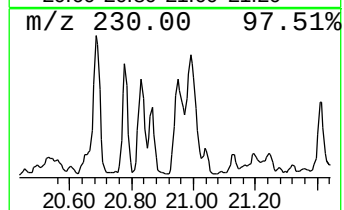
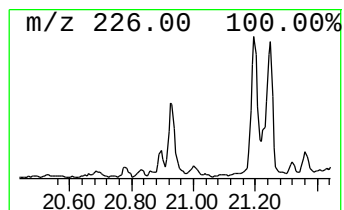
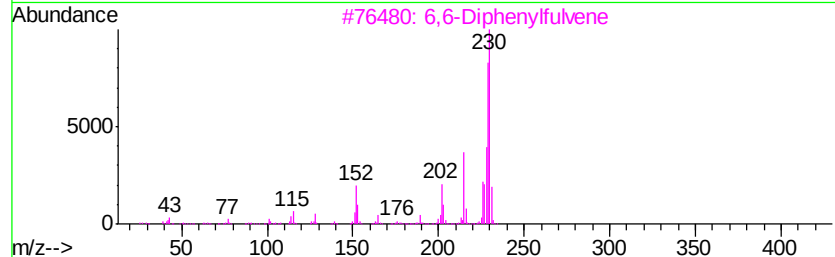
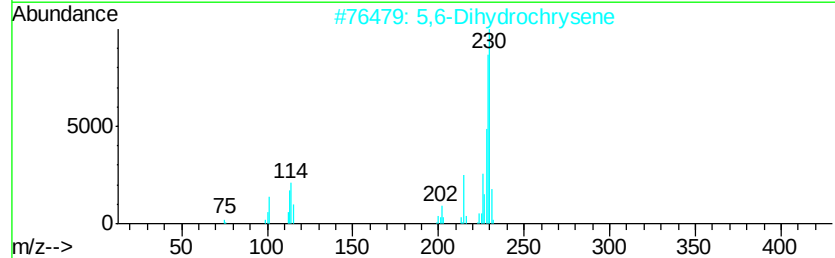
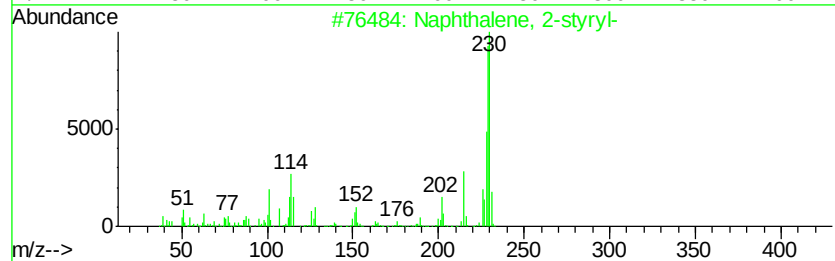
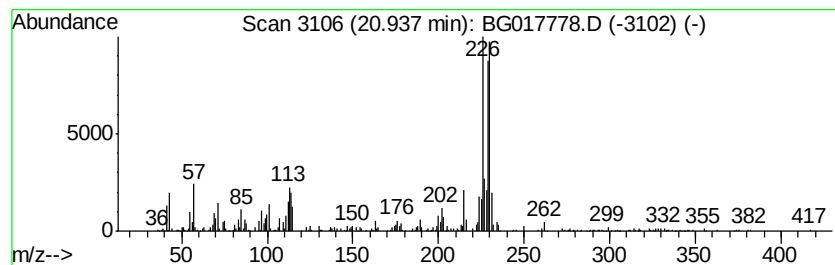
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2-styryl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.31 ng/ul	637542	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-styryl-	230	C18H14	002039-70-5	91
2		5,6-Dihydrochrysene	230	C18H14	002091-92-1	90
3		6,6-Diphenylfulvene	230	C18H14	002175-90-8	89
4		o-Terphenyl	230	C18H14	000084-15-1	86
5		6,6-Diphenylfulvene	230	C18H14	002175-90-8	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017778.D
Acq On : 6 Jul 2015 20:44
Operator : TP/UM
Sample : G2860-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

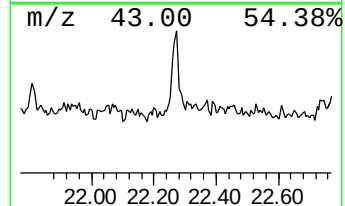
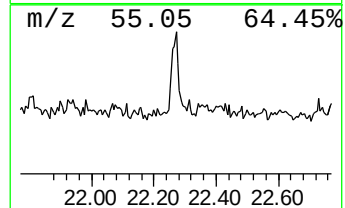
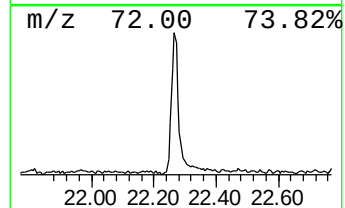
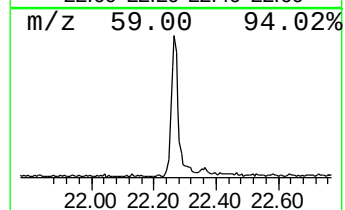
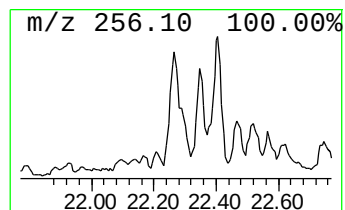
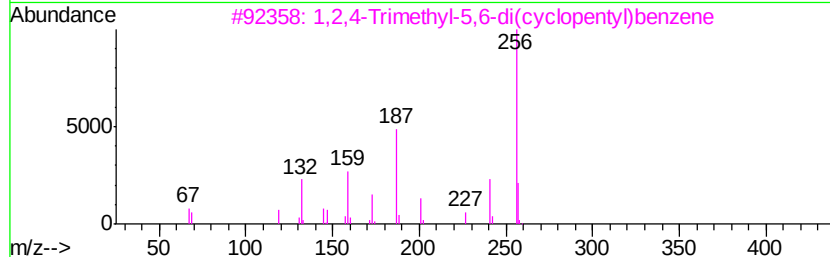
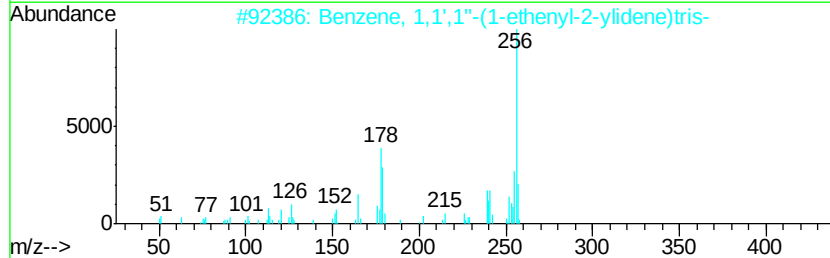
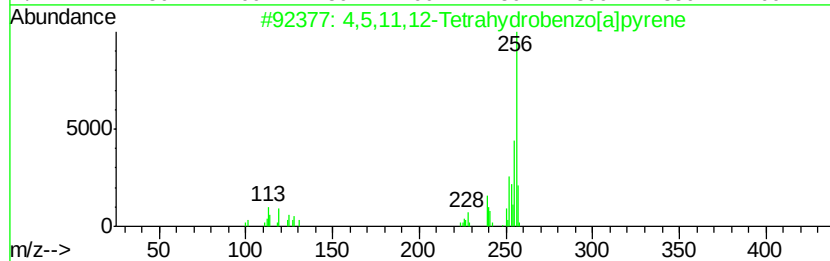
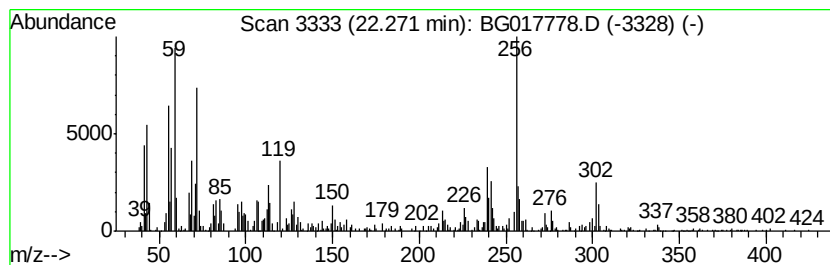
Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 4,5,11,12-Tetrahydrobenzo[a... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.16 ng/ul	874159	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,5,11,12-Tetrahydrobenzo[a]pyrene	256 C20H16	109292-58-2	89
2	Benzene, 1,1',1''-(1-ethenyl-2-y...	256 C20H16	000058-72-0	42
3	1,2,4-Trimethyl-5,6-di(cyclopent...	256 C19H28	100325-73-3	38
4	6,6'-Biquinoline	256 C18H12N2	000612-79-3	38
5	Benzonitrile, 4-[2-(4-quinolinyl...	256 C18H12N2	040317-06-4	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017778.D
Acq On : 6 Jul 2015 20:44
Operator : TP/UM
Sample : G2860-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.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...	2.88	67.9	ng/ul	4208770	1	7.61	1239920	20.0
Anthracene, 2-met...	17.93	2.6	ng/ul	412401	4	17.01	3188510	20.0
Benzaldehyde, 3,5...	18.08	2.4	ng/ul	381780	4	17.01	3188510	20.0
Naphthalene, 2-st...	20.94	2.3	ng/ul	637542	5	21.21	5524590	20.0
4,5,11,12-Tetrahy...	22.27	3.2	ng/ul	874159	5	21.21	5524590	20.0