

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112015\
 Data File : BG019733.D
 Acq On : 21 Nov 2015 00:00
 Operator : UM/NP
 Sample : G4428-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A7

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	3.040	29	34	43	rBV2	25407	48181	4.03%	0.417%
2	3.122	43	48	65	rVB	247947	368203	30.83%	3.189%
3	3.404	91	96	101	rBV2	5478	6931	0.58%	0.060%
4	5.143	388	392	399	rBV4	1999	3410	0.29%	0.030%
5	7.264	746	753	762	rBV	104457	183294	15.35%	1.588%
6	7.429	775	781	789	rVB	77802	128772	10.78%	1.115%
7	7.640	811	817	824	rBV2	99941	164120	13.74%	1.421%
8	8.116	891	898	904	rBV2	59750	99059	8.29%	0.858%
9	8.821	1012	1018	1026	rBV	135202	227220	19.02%	1.968%
10	9.291	1090	1098	1105	rVB	101950	179171	15.00%	1.552%
11	9.967	1209	1213	1214	rBV2	2309	2783	0.23%	0.024%
12	10.014	1216	1221	1229	rVB	93341	162203	13.58%	1.405%
13	10.560	1305	1314	1322	rBV	142127	243480	20.39%	2.109%
14	10.942	1373	1379	1385	rBV	88048	151285	12.67%	1.310%
15	10.995	1385	1388	1391	rVV2	2233	3170	0.27%	0.027%
16	11.071	1395	1401	1411	rBV	114848	210470	17.62%	1.823%
17	11.941	1545	1549	1556	rBV3	1957	3383	0.28%	0.029%
18	13.110	1743	1748	1752	rVB2	4073	5746	0.48%	0.050%
19	13.351	1785	1789	1793	rVB2	7503	10655	0.89%	0.092%
20	13.557	1821	1824	1829	rVB2	2076	2389	0.20%	0.021%
21	14.150	1918	1925	1929	rBV	302589	441832	36.99%	3.827%
22	14.197	1929	1933	1940	rVB	257360	353261	29.58%	3.060%
23	14.450	1969	1976	1987	rVB	272475	429364	35.95%	3.719%
24	14.626	2002	2006	2010	rBV4	5848	8247	0.69%	0.071%
25	14.755	2022	2028	2035	rVV2	181412	283388	23.73%	2.454%
26	14.820	2035	2039	2043	rVB3	4022	5485	0.46%	0.048%
27	14.943	2054	2060	2073	rBV	143249	232929	19.50%	2.017%
28	15.155	2093	2096	2099	rVB2	3462	3909	0.33%	0.034%
29	15.308	2118	2122	2125	rVB4	2000	2941	0.25%	0.025%
30	15.531	2154	2160	2163	rBV3	3572	5056	0.42%	0.044%
31	15.572	2163	2167	2173	rVB3	10167	13490	1.13%	0.117%
32	15.742	2190	2196	2202	rBV	409675	609128	51.00%	5.276%
33	15.795	2202	2205	2210	rVV2	5318	7919	0.66%	0.069%
34	15.854	2210	2215	2224	rVV2	143624	215849	18.07%	1.869%

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35	15.966	2229	2234	2235	rBV2	4717	5663	0.47%	0.049%
36	15.977	2235	2236	2241	rVB3	6555	7000	0.59%	0.061%
37	16.083	2250	2254	2258	rVV4	4749	6560	0.55%	0.057%
38	16.242	2275	2281	2286	rVV3	4623	9466	0.79%	0.082%
39	16.430	2308	2313	2319	rBV3	10512	19153	1.60%	0.166%
40	16.559	2331	2335	2340	rBV3	3388	5582	0.47%	0.048%
41	16.618	2340	2345	2349	rBV6	4282	7955	0.67%	0.069%
42	16.677	2351	2355	2360	rVB7	4368	8387	0.70%	0.073%
43	16.782	2367	2373	2374	rBV4	4312	6861	0.57%	0.059%
44	16.800	2374	2376	2380	rVB3	6043	6408	0.54%	0.056%
45	16.888	2388	2391	2396	rVB4	3673	6127	0.51%	0.053%
46	16.953	2396	2402	2407	rBV3	5045	8528	0.71%	0.074%
47	17.023	2407	2414	2418	rBV6	6206	10444	0.87%	0.090%
48	17.064	2418	2421	2426	rVB5	4586	6389	0.53%	0.055%
49	17.223	2443	2448	2455	rBV3	10147	17138	1.43%	0.148%
50	17.276	2455	2457	2460	rVV2	3312	3952	0.33%	0.034%
51	17.317	2460	2464	2468	rVB	4687	6019	0.50%	0.052%
52	17.499	2489	2495	2499	rBV	282891	433746	36.32%	3.757%
53	17.540	2499	2502	2506	rVV	27540	38472	3.22%	0.333%
54	17.593	2506	2511	2522	rVB	516529	791776	66.29%	6.858%
55	17.922	2561	2567	2571	rBV5	4154	7818	0.65%	0.068%
56	17.958	2571	2573	2577	rVV3	3962	5298	0.44%	0.046%
57	18.010	2579	2582	2586	rVB3	5446	5689	0.48%	0.049%
58	18.369	2637	2643	2647	rBV3	22512	37998	3.18%	0.329%
59	18.416	2647	2651	2658	rVB2	16665	26182	2.19%	0.227%
60	18.498	2658	2665	2671	rBV3	20270	31232	2.61%	0.271%
61	18.569	2671	2677	2681	rBV	35282	57961	4.85%	0.502%
62	18.645	2688	2690	2693	rBV2	2663	2464	0.21%	0.021%
63	18.862	2722	2727	2733	rVB3	20102	30644	2.57%	0.265%
64	18.980	2745	2747	2751	rBV4	1812	2356	0.20%	0.020%
65	19.097	2764	2767	2768	rBV3	4459	4879	0.41%	0.042%
66	19.156	2774	2777	2780	rVB4	4503	5118	0.43%	0.044%
67	19.209	2780	2786	2790	rBV6	7102	12252	1.03%	0.106%
68	19.268	2792	2796	2802	rVV4	19404	30317	2.54%	0.263%
69	19.338	2804	2808	2817	rVB6	12940	27112	2.27%	0.235%
70	19.409	2817	2820	2823	rBV5	5450	8088	0.68%	0.070%
71	19.538	2834	2842	2848	rBV	279974	389196	32.59%	3.371%

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72	19.591	2849	2851	2854	rVB3	5110	4824	0.40%	0.042%
73	19.638	2855	2859	2862	rVB5	8502	11798	0.99%	0.102%
74	19.691	2863	2868	2873	rBV2	28238	42120	3.53%	0.365%
75	19.755	2875	2879	2881	rBV2	13759	18451	1.54%	0.160%
76	19.873	2892	2899	2903	rBV2	737219	1194377	100.00%	10.345%
77	19.967	2911	2915	2921	rVB4	17938	29474	2.47%	0.255%
78	20.073	2930	2933	2938	rVB	21934	27287	2.28%	0.236%
79	20.126	2938	2942	2948	rVB7	6377	11037	0.92%	0.096%
80	20.214	2951	2957	2966	rBV5	24195	67158	5.62%	0.582%
81	20.278	2966	2968	2971	rVV4	5930	7702	0.64%	0.067%
82	20.355	2975	2981	2982	rVV4	20462	36943	3.09%	0.320%
83	20.384	2983	2986	2994	rVB	73208	103590	8.67%	0.897%
84	20.484	2999	3003	3007	rBV	67879	84909	7.11%	0.735%
85	20.619	3023	3026	3033	rBV6	7786	15985	1.34%	0.138%
86	20.684	3033	3037	3041	rBV2	16238	23411	1.96%	0.203%
87	20.731	3041	3045	3048	rBV3	17672	22558	1.89%	0.195%
88	21.336	3146	3148	3151	rBV	9885	10536	0.88%	0.091%
89	21.377	3152	3155	3160	rVV2	32694	42149	3.53%	0.365%
90	21.430	3162	3164	3168	rVB3	17674	20902	1.75%	0.181%
91	21.765	3212	3221	3226	rBV2	399608	901464	75.48%	7.808%
92	21.812	3226	3229	3236	rVB	120840	183455	15.36%	1.589%
93	23.686	3546	3548	3551	rBV3	4049	3547	0.30%	0.031%
94	24.015	3596	3604	3610	rBV2	56930	192150	16.09%	1.664%
95	24.597	3701	3703	3704	rBV2	5097	3562	0.30%	0.031%
96	24.750	3722	3729	3734	rBV	33175	89088	7.46%	0.772%
97	24.838	3734	3744	3750	rBV	343536	919378	76.98%	7.963%
98	25.061	3773	3782	3791	rBV2	203271	564190	47.24%	4.887%
99	29.479	4532	4534	4536	rBV3	5246	3679	0.31%	0.032%
100	30.590	4721	4723	4724	rBV2	4415	3205	0.27%	0.028%

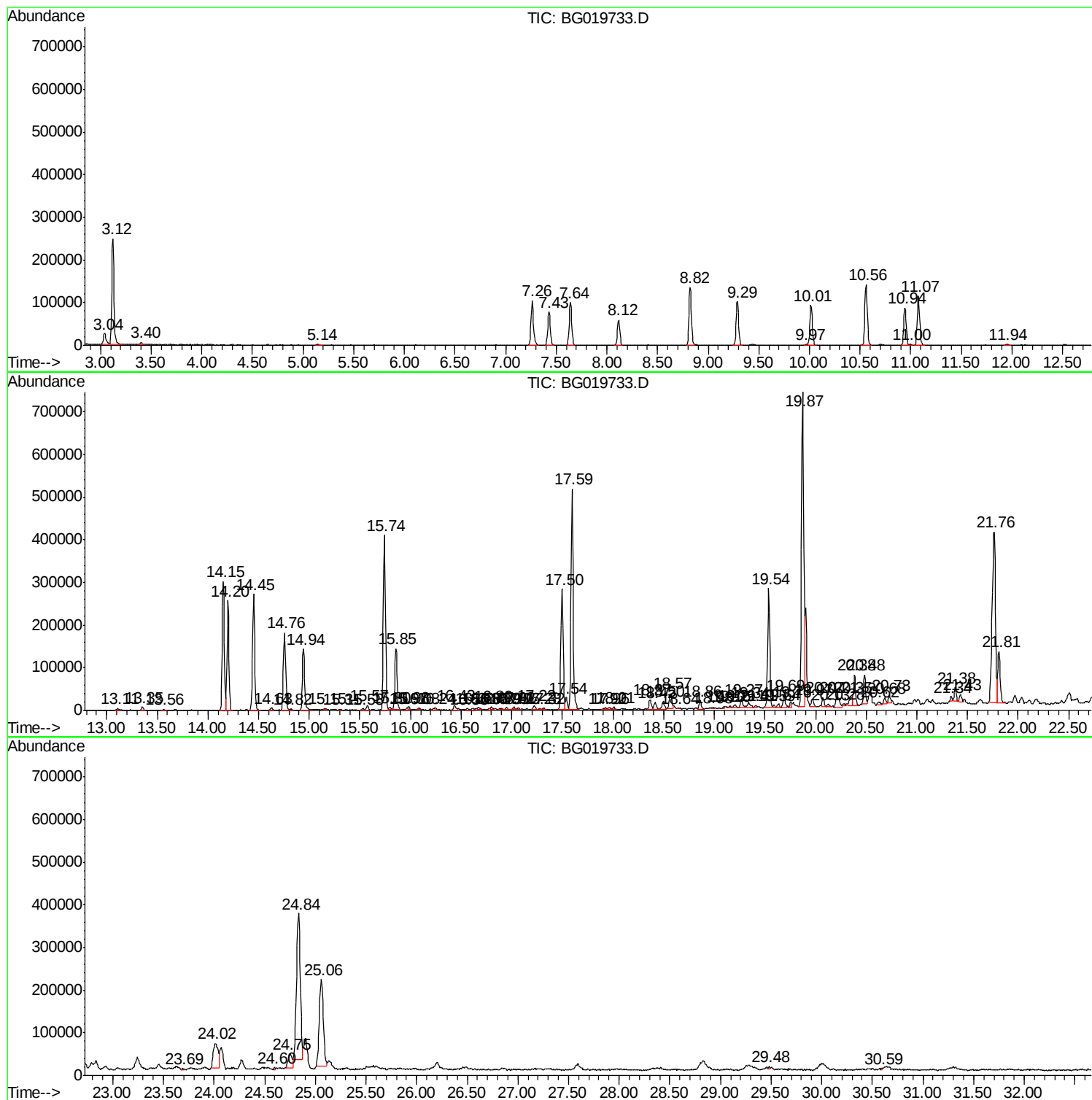
Sum of corrected areas: 11545882

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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



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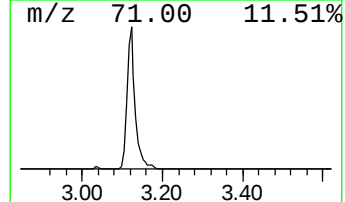
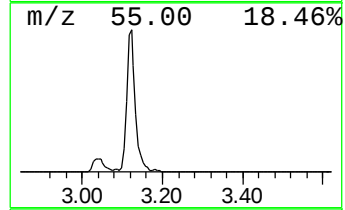
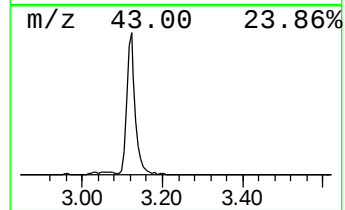
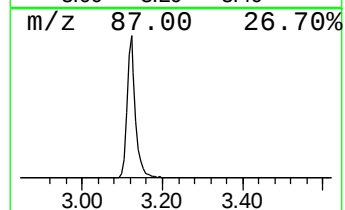
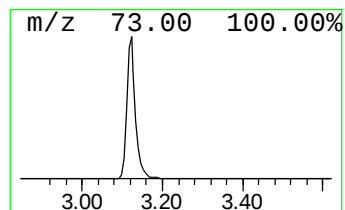
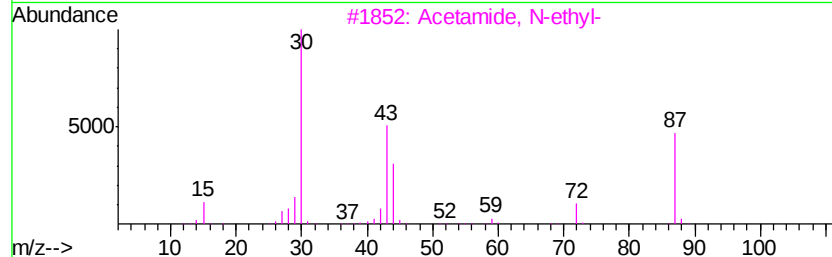
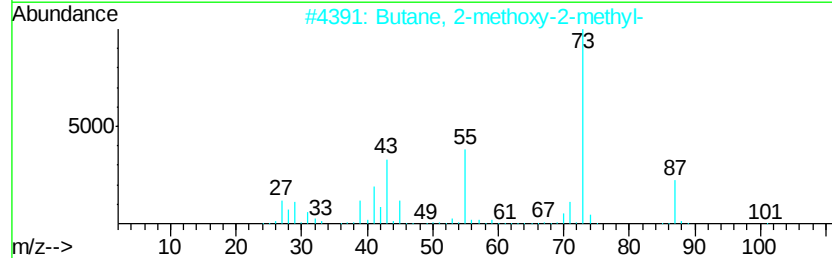
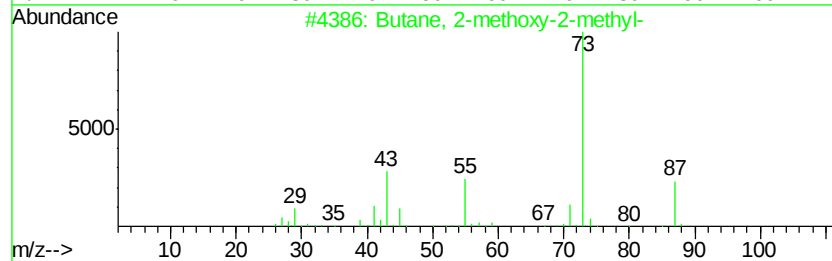
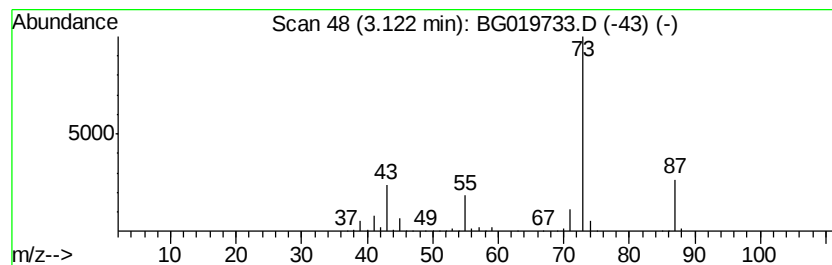
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.12	74.34 ng/ul	368203	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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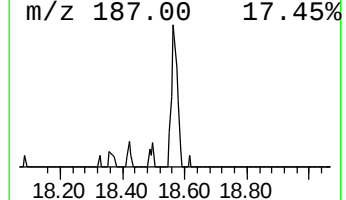
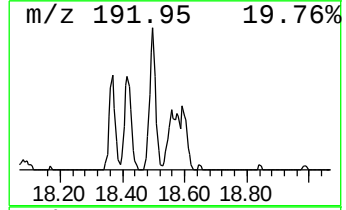
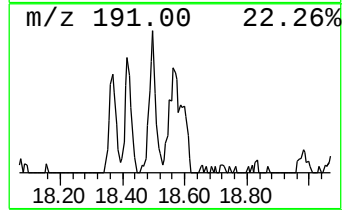
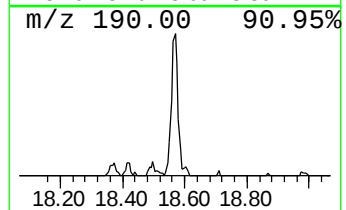
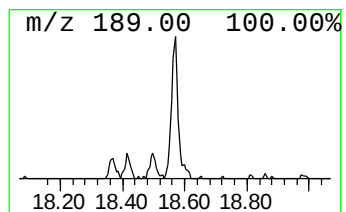
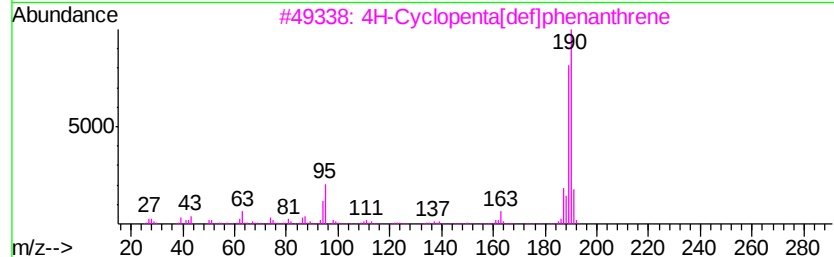
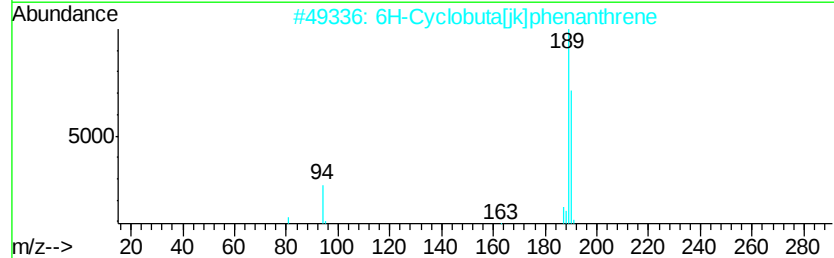
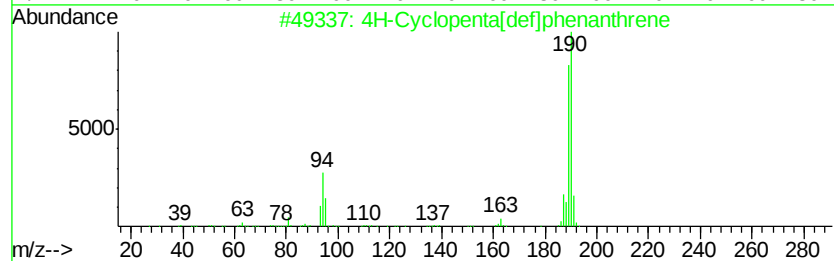
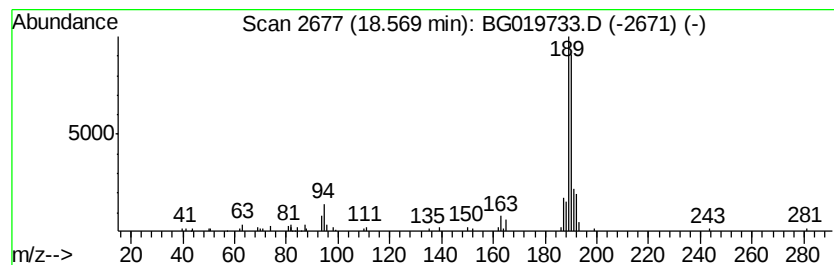
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.67 ng/ul	57961	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	40
5		8H-Imidazo[4,5-E]-2,1,3-benzothi...	190	C8H6N4S	129485-68-3	35



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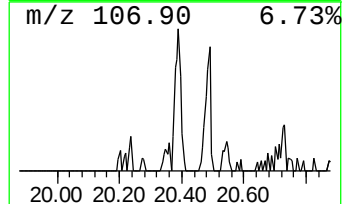
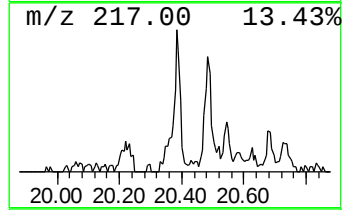
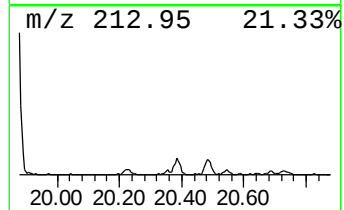
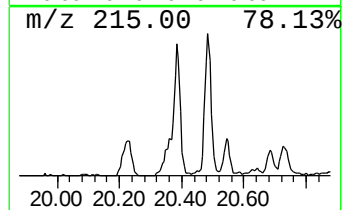
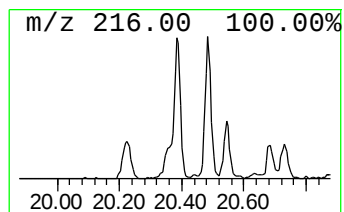
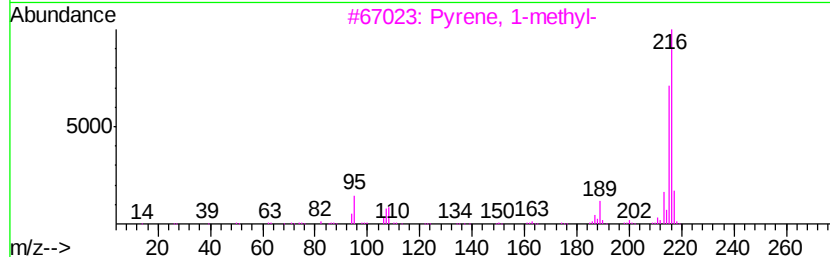
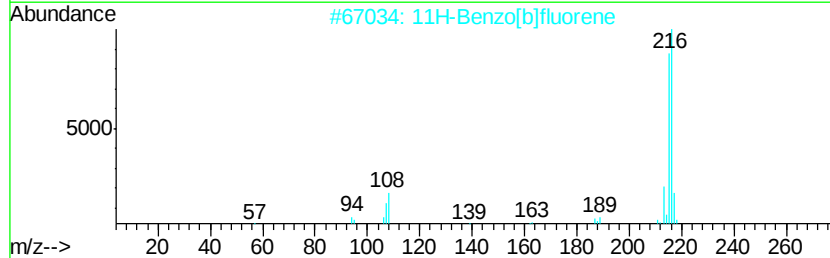
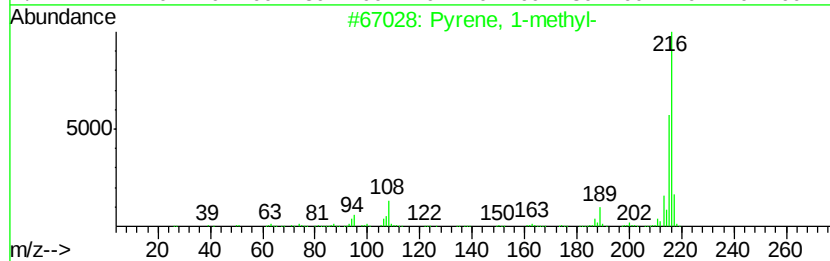
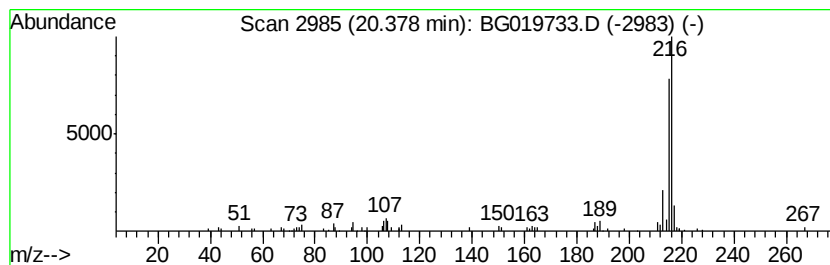
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Peak Number 4 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.38	2.30 ng/ul	103590	Chrysene-d12	21.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
Data File : BG019733.D
Acq On : 21 Nov 2015 00:00
Operator : UM/NP
Sample : G4428-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7A7

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...	3.12	74.3	ng/ul	368203	1	8.11	99059	20.0
4H-Cyclopenta[def...	18.57	2.7	ng/ul	57961	4	17.49	433746	20.0
Pyrene, 1-methyl-	20.38	2.3	ng/ul	103590	5	21.76	901464	20.0