

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042049.D
 Acq On : 8 Aug 2019 3:12
 Operator : HP/JU
 Sample : K4029-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW0

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.144	4	9	29	rVB	1616444	2607586	100.00%	9.512%
2	3.414	50	55	59	rVB3	9494	14011	0.54%	0.051%
3	3.943	139	145	152	rBV	9726	14978	0.57%	0.055%
4	4.072	162	167	173	rBV2	13065	22436	0.86%	0.082%
5	4.172	180	184	190	rVB2	4896	7159	0.27%	0.026%
6	5.095	337	341	345	rBV2	3186	5164	0.20%	0.019%
7	5.195	355	358	363	rVB5	1847	3283	0.13%	0.012%
8	6.094	508	511	516	rBV3	2048	3610	0.14%	0.013%
9	6.658	603	607	613	rBV5	2516	4413	0.17%	0.016%
10	7.175	689	695	708	rBV	180605	364371	13.97%	1.329%
11	7.345	717	724	738	rBV	165294	302578	11.60%	1.104%
12	7.551	752	759	770	rBV	220414	396628	15.21%	1.447%
13	8.027	832	840	848	rBV	277992	477698	18.32%	1.743%
14	8.091	848	851	857	rVB6	3670	5383	0.21%	0.020%
15	8.732	951	960	975	rBV2	188974	348060	13.35%	1.270%
16	9.190	1031	1038	1049	rBV	223722	412355	15.81%	1.504%
17	9.642	1109	1115	1119	rBV	7546	9969	0.38%	0.036%
18	9.919	1155	1162	1175	rBV	190572	360176	13.81%	1.314%
19	10.465	1246	1255	1272	rBV	304707	575110	22.06%	2.098%
20	10.853	1313	1321	1335	rVB	385893	716486	27.48%	2.614%
21	10.982	1335	1343	1357	rBV	176849	374212	14.35%	1.365%
22	12.281	1560	1564	1573	rVB4	1953	3567	0.14%	0.013%
23	12.445	1586	1592	1600	rVV	5100	9210	0.35%	0.034%
24	12.510	1600	1603	1613	rVB3	3446	6781	0.26%	0.025%
25	12.739	1633	1642	1649	rBV2	3502	6987	0.27%	0.025%
26	13.520	1770	1775	1779	rBV4	5122	8646	0.33%	0.032%
27	13.849	1826	1831	1832	rBV2	3149	3422	0.13%	0.012%
28	14.008	1853	1858	1863	rBV2	7564	11208	0.43%	0.041%
29	14.084	1865	1871	1875	rVV	660245	970788	37.23%	3.541%
30	14.131	1875	1879	1890	rVV	284260	424622	16.28%	1.549%
31	14.237	1894	1897	1903	rVB3	2636	4152	0.16%	0.015%
32	14.378	1914	1921	1933	rBV2	749740	1227882	47.09%	4.479%
33	14.590	1954	1957	1966	rVB4	3954	5507	0.21%	0.020%
34	14.689	1966	1974	1980	rVV	672135	1081188	41.46%	3.944%

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35	14.748	1980	1984	1991	rVB2	13810	24408	0.94%	0.089%
36	14.872	1999	2005	2016	rBV	77405	168341	6.46%	0.614%
37	15.042	2030	2034	2038	rVV6	2997	6085	0.23%	0.022%
38	15.095	2038	2043	2049	rVV3	21085	34700	1.33%	0.127%
39	15.165	2052	2055	2058	rVV2	4454	5476	0.21%	0.020%
40	15.207	2058	2062	2066	rVB3	2454	3719	0.14%	0.014%
41	15.312	2075	2080	2084	rVB5	3016	5093	0.20%	0.019%
42	15.359	2084	2088	2091	rBV	3253	3971	0.15%	0.014%
43	15.489	2102	2110	2115	rBV5	6788	16253	0.62%	0.059%
44	15.536	2115	2118	2124	rVB4	6643	10641	0.41%	0.039%
45	15.682	2136	2143	2149	rBV	1014659	1573628	60.35%	5.741%
46	15.735	2149	2152	2156	rVB3	21978	29701	1.14%	0.108%
47	15.794	2156	2162	2172	rBV	172220	278139	10.67%	1.015%
48	15.859	2172	2173	2176	rVB3	5445	3733	0.14%	0.014%
49	15.917	2176	2183	2187	rBV5	11475	23187	0.89%	0.085%
50	16.023	2198	2201	2210	rVB6	5601	12581	0.48%	0.046%
51	16.105	2210	2215	2216	rBV4	2619	3434	0.13%	0.013%
52	16.176	2224	2227	2235	rVV4	4683	10177	0.39%	0.037%
53	16.246	2235	2239	2240	rVV3	3249	3672	0.14%	0.013%
54	16.270	2240	2243	2250	rVB8	4606	9136	0.35%	0.033%
55	16.405	2262	2266	2273	rVV8	11507	25984	1.00%	0.095%
56	16.464	2273	2276	2281	rVB6	5955	8781	0.34%	0.032%
57	16.717	2315	2319	2321	rBV3	5981	8072	0.31%	0.029%
58	16.746	2321	2324	2326	rVV4	7571	9104	0.35%	0.033%
59	16.787	2328	2331	2337	rVB7	9352	16899	0.65%	0.062%
60	16.840	2337	2340	2343	rBV4	2995	3960	0.15%	0.014%
61	16.946	2355	2358	2359	rBV3	4180	5097	0.20%	0.019%
62	17.016	2367	2370	2372	rBV3	6545	7355	0.28%	0.027%
63	17.093	2379	2383	2387	rBV4	9503	17097	0.66%	0.062%
64	17.198	2398	2401	2403	rVV2	6663	6884	0.26%	0.025%
65	17.257	2407	2411	2417	rVB2	19643	31791	1.22%	0.116%
66	17.345	2424	2426	2430	rVB5	6461	8189	0.31%	0.030%
67	17.439	2435	2442	2446	rVV2	829763	1302495	49.95%	4.751%
68	17.480	2446	2449	2453	rVV	207516	305391	11.71%	1.114%
69	17.539	2453	2459	2471	rVV	1077193	1729803	66.34%	6.310%
70	17.633	2471	2475	2479	rVV7	8139	15279	0.59%	0.056%
71	17.715	2487	2489	2491	rBV3	4638	5780	0.22%	0.021%

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72	17.839	2507	2510	2516	rVB2	12966	19880	0.76%	0.073%
73	18.021	2538	2541	2545	rVB	14627	16390	0.63%	0.060%
74	18.326	2587	2593	2597	rBV3	97262	199710	7.66%	0.729%
75	18.368	2597	2600	2604	rVB	64822	92299	3.54%	0.337%
76	18.450	2611	2614	2617	rVB2	17462	20849	0.80%	0.076%
77	18.509	2620	2624	2628	rVV3	74550	140071	5.37%	0.511%
78	18.550	2628	2631	2637	rVB	39126	56052	2.15%	0.204%
79	18.814	2672	2676	2679	rBV	34711	51350	1.97%	0.187%
80	18.849	2679	2682	2690	rVB2	35675	62966	2.41%	0.230%
81	19.231	2743	2747	2753	rBV2	45928	92145	3.53%	0.336%
82	19.366	2766	2770	2778	rBV5	31116	75095	2.88%	0.274%
83	19.490	2786	2791	2797	rVB	434039	584082	22.40%	2.131%
84	19.554	2799	2802	2805	rVB5	20370	24517	0.94%	0.089%
85	19.825	2842	2848	2852	rBV	1406436	2237306	85.80%	8.162%
86	20.171	2904	2907	2915	rVB2	38801	82716	3.17%	0.302%
87	20.342	2933	2936	2944	rVB2	97477	162374	6.23%	0.592%
88	20.447	2951	2954	2958	rVB	56363	68770	2.64%	0.251%
89	20.506	2960	2964	2968	rVB2	55645	77805	2.98%	0.284%
90	20.641	2984	2987	2991	rBV2	43105	57707	2.21%	0.211%
91	20.688	2992	2995	2999	rVV	36274	51942	1.99%	0.189%
92	21.370	3107	3111	3121	rVB5	142420	282922	10.85%	1.032%
93	21.722	3162	3171	3176	rBV2	934468	1931236	74.06%	7.045%
94	21.769	3176	3179	3187	rVB	220511	345607	13.25%	1.261%
95	21.928	3202	3206	3212	rBV4	66831	134198	5.15%	0.490%
96	22.551	3308	3312	3318	rVB3	66318	111443	4.27%	0.407%
97	23.955	3544	3551	3559	rBV	146789	476972	18.29%	1.740%
98	24.084	3569	3573	3581	rVB4	68903	144719	5.55%	0.528%
99	24.766	3681	3689	3697	rBV	676771	1759768	67.49%	6.420%
100	24.995	3718	3728	3736	rBV2	523545	1527834	58.59%	5.574%

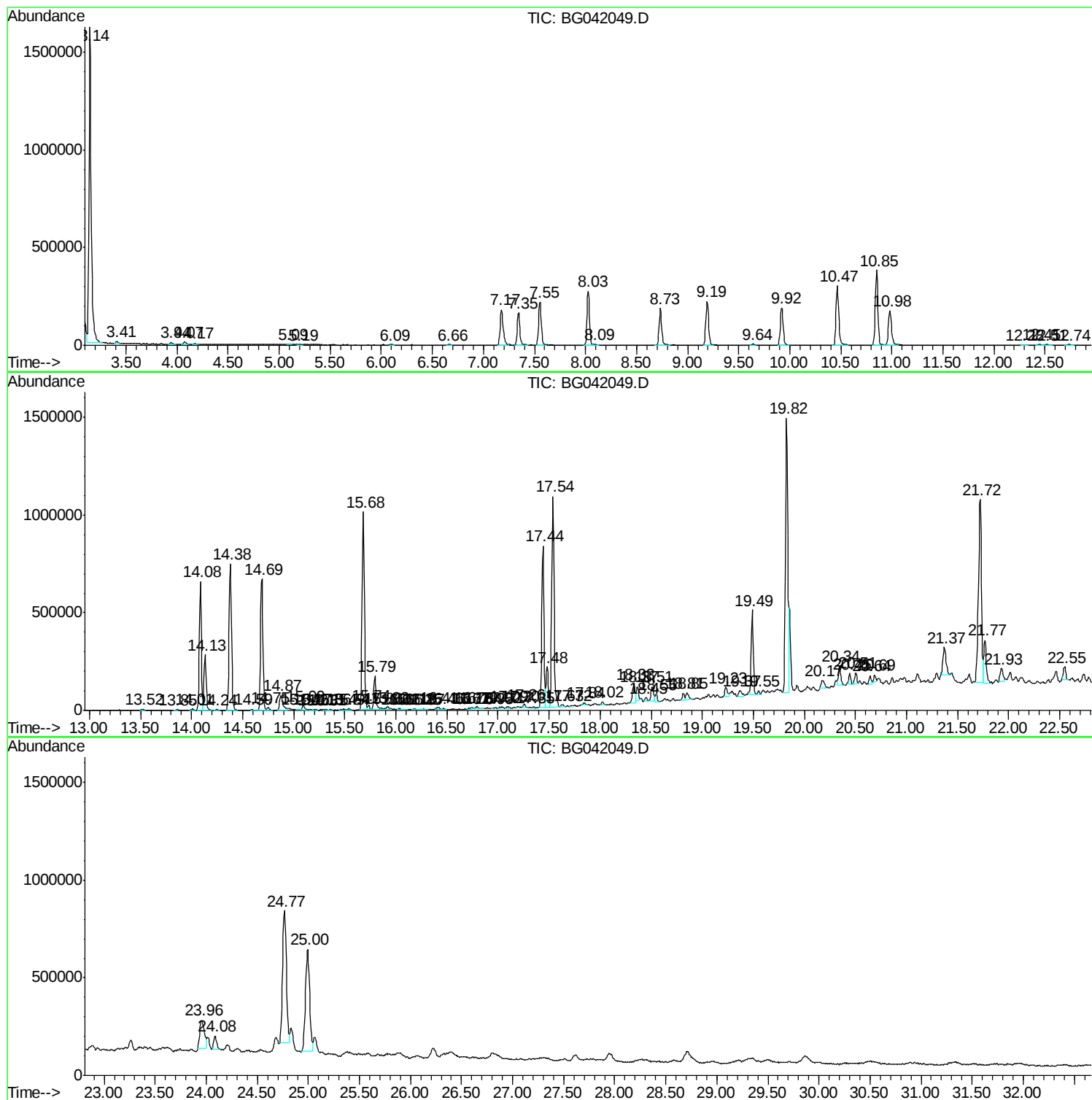
Sum of corrected areas: 27412387

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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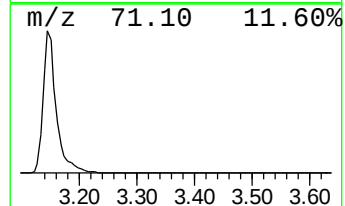
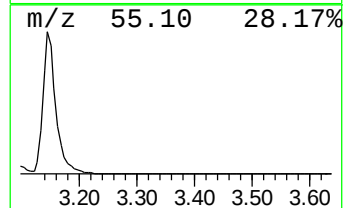
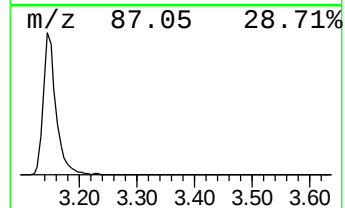
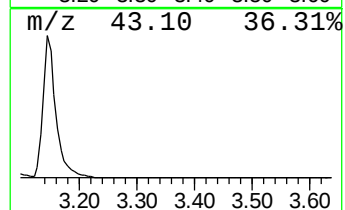
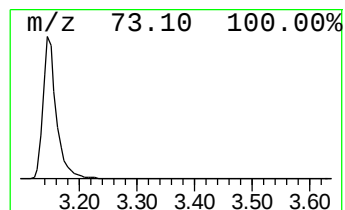
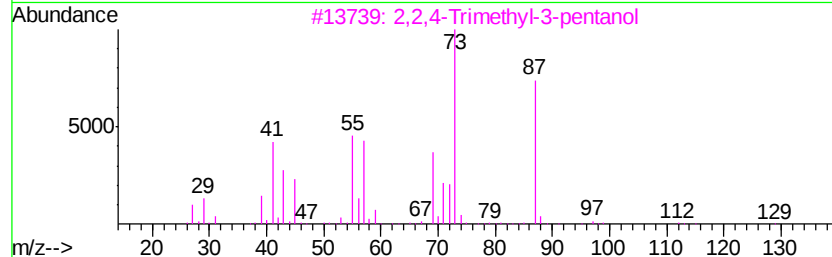
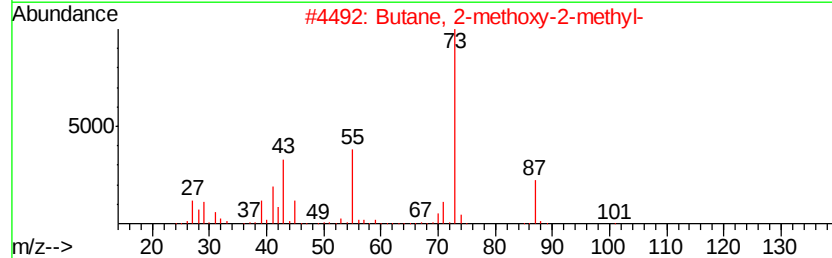
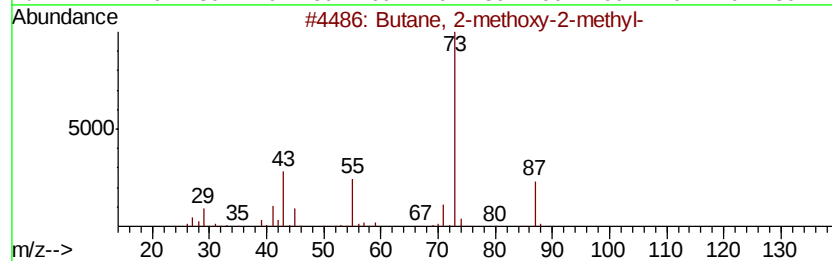
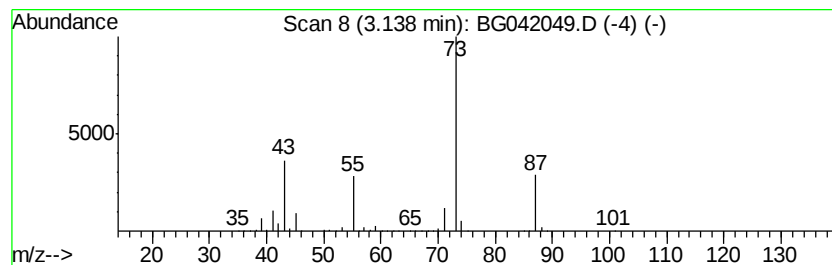
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	109.17 ng/ul	2607590	1,4-Dichlorobenzene-d4	8.03

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	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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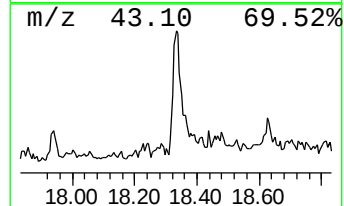
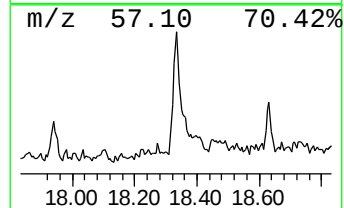
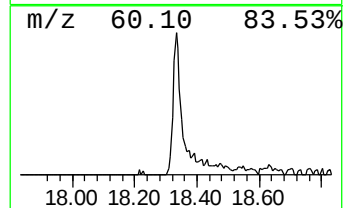
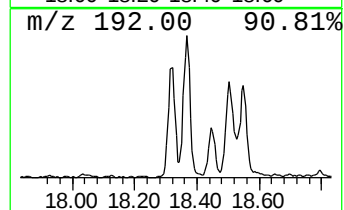
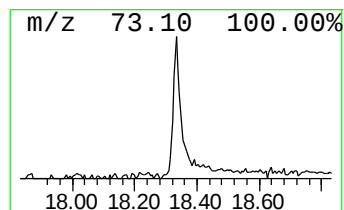
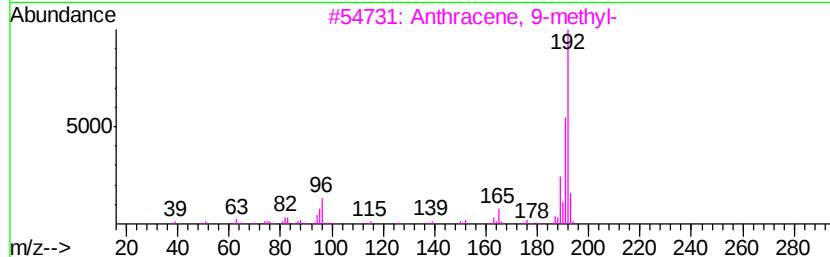
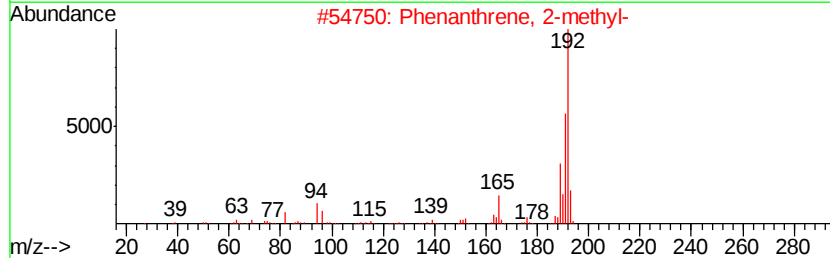
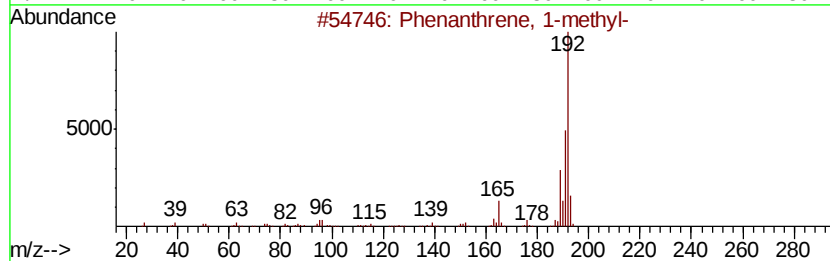
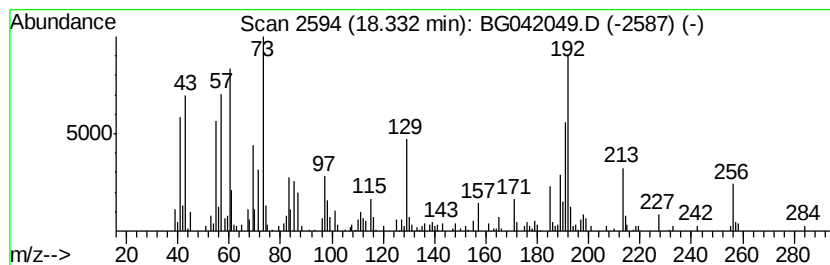
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.33	3.07 ng/ul	199710	Phenanthrene-d10	17.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



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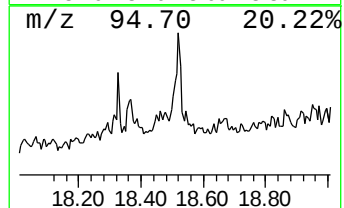
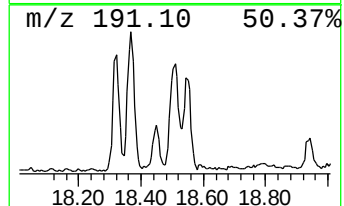
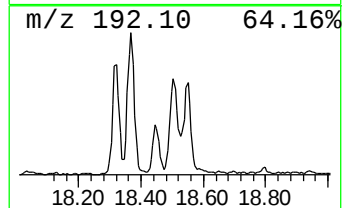
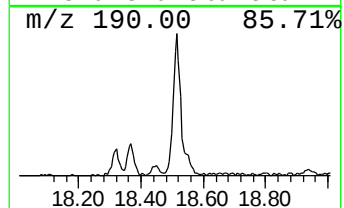
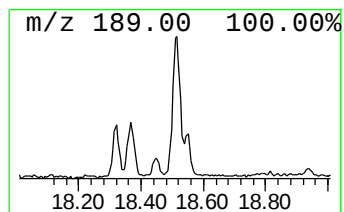
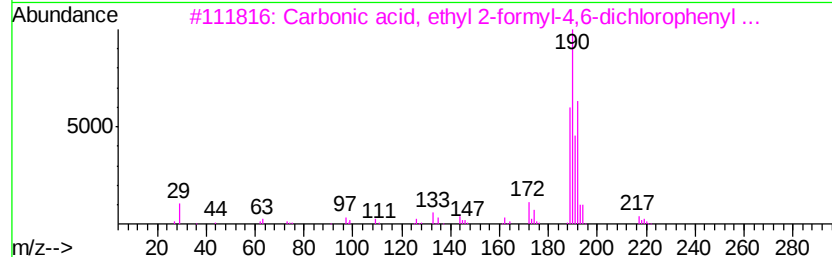
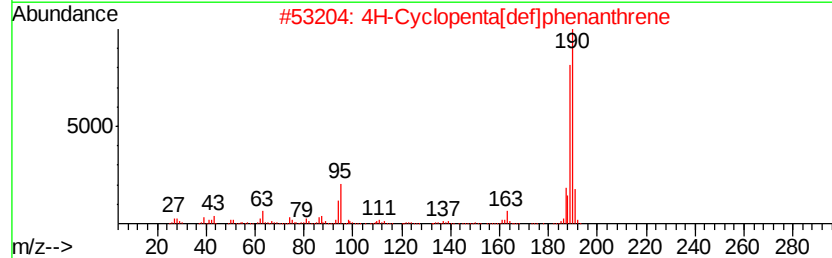
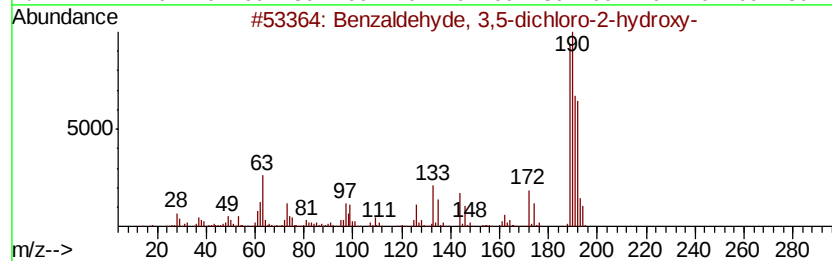
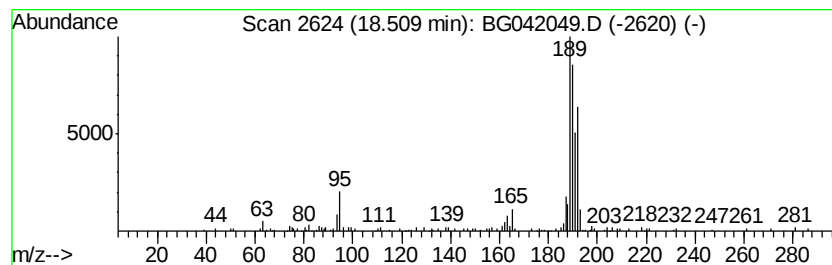
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Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.15 ng/ul	140071	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042049.D
Acq On : 8 Aug 2019 3:12
Operator : HP/JU
Sample : K4029-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

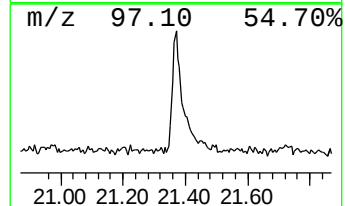
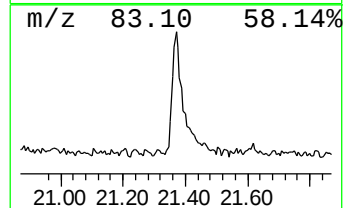
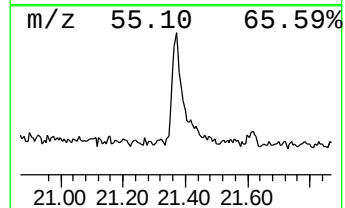
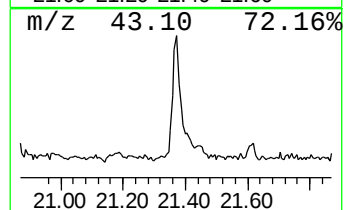
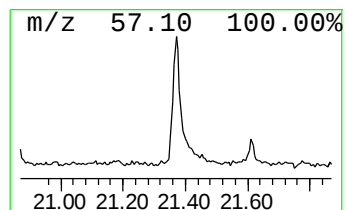
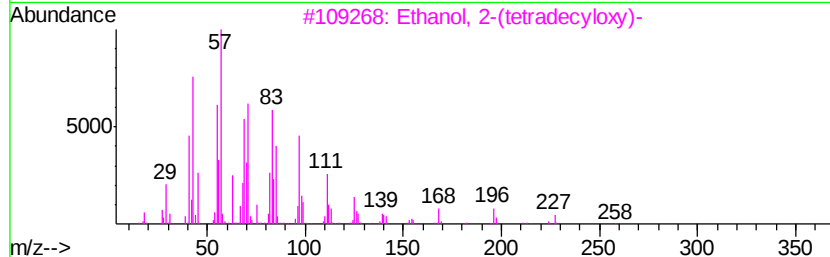
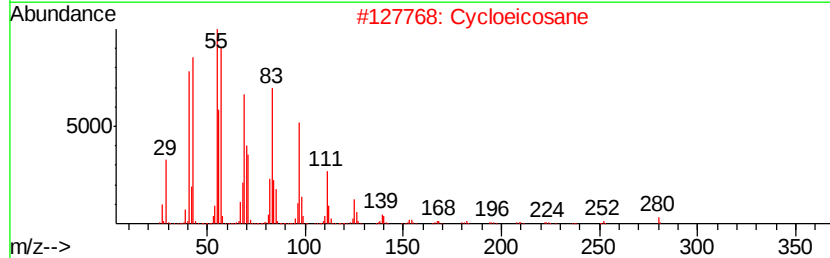
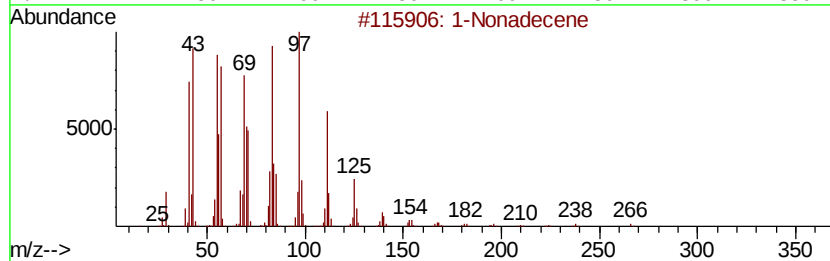
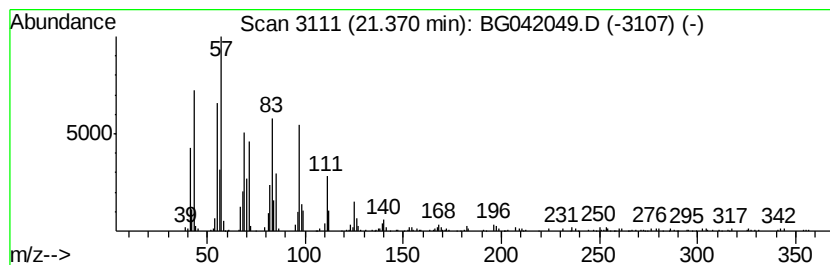
Instrument :
BNA_G
ClientSampleId :
BENW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.93 ng/ul	282922	Chrysene-d12	21.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	97
2	Cycloeicosane	280 C20H40	000296-56-0	95
3	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	94
4	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	94
5	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	94



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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	109.2	ng/ul	2607590	1	8.03	477698	20.0
Phenanthrene, 1-m...	18.33	3.1	ng/ul	199710	4	17.44	1302500	20.0
Benzaldehyde, 3,5...	18.51	2.1	ng/ul	140071	4	17.44	1302500	20.0
(DEL) Alkane: Cyc...	21.37	2.9	ng/ul	282922	5	21.72	1931240	20.0