

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049807.D
 Acq On : 12 Aug 2021 3:57
 Operator : CG/JU
 Sample : M3287-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB09

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	13	18	38	rVB	424251	729306	100.00%	7.616%
2	3.414	61	64	70	rVB3	4249	6201	0.85%	0.065%
3	3.848	134	138	148	rBV2	26009	46033	6.31%	0.481%
4	3.948	151	155	160	rVB5	8350	12373	1.70%	0.129%
5	4.406	230	233	235	rVB4	1908	2322	0.32%	0.024%
6	6.104	518	522	525	rBV2	1639	2270	0.31%	0.024%
7	6.228	539	543	546	rVB3	1313	2192	0.30%	0.023%
8	7.197	702	708	720	rVB	99835	182024	24.96%	1.901%
9	7.355	728	735	743	rVB	65538	112820	15.47%	1.178%
10	7.567	764	771	780	rBV	102093	174463	23.92%	1.822%
11	8.037	844	851	858	rVV	114393	196427	26.93%	2.051%
12	8.254	885	888	893	rVB3	4663	5253	0.72%	0.055%
13	8.748	965	972	980	rVV	114595	202164	27.72%	2.111%
14	8.865	988	992	997	rVB3	4704	8717	1.20%	0.091%
15	9.206	1043	1050	1058	rBV2	106061	189926	26.04%	1.983%
16	9.934	1167	1174	1181	rBV	95185	174647	23.95%	1.824%
17	10.481	1260	1267	1275	rBV	136730	246323	33.77%	2.572%
18	10.622	1286	1291	1295	rBV3	8879	16212	2.22%	0.169%
19	10.857	1320	1331	1337	rBV	162034	304987	41.82%	3.185%
20	10.909	1337	1340	1347	rVV2	21952	36631	5.02%	0.383%
21	10.992	1347	1354	1364	rVV2	104948	206156	28.27%	2.153%
22	11.062	1364	1366	1368	rVV	1953	2273	0.31%	0.024%
23	12.172	1552	1555	1557	rBV2	1793	2328	0.32%	0.024%
24	12.513	1608	1613	1622	rBV2	11725	19683	2.70%	0.206%
25	12.736	1646	1651	1656	rVV2	7852	13161	1.80%	0.137%
26	13.347	1751	1755	1760	rVB3	13743	19980	2.74%	0.209%
27	13.500	1777	1781	1783	rBV3	4901	6607	0.91%	0.069%
28	13.717	1814	1818	1821	rBV3	1863	3369	0.46%	0.035%
29	13.847	1837	1840	1841	rBV2	5666	5784	0.79%	0.060%
30	13.970	1856	1861	1862	rVB	1930	2133	0.29%	0.022%
31	13.999	1862	1866	1867	rBV2	7330	7265	1.00%	0.076%
32	14.087	1873	1881	1887	rBV	260363	395597	54.24%	4.131%
33	14.146	1889	1891	1898	rVV3	2684	4640	0.64%	0.048%
34	14.240	1905	1907	1909	rVV2	3461	3763	0.52%	0.039%
35	14.275	1911	1913	1919	rVB4	3007	4352	0.60%	0.045%
36	14.381	1925	1931	1943	rVB	274811	451572	61.92%	4.716%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Title : SVOA CALIBRATION

37	14.557	1959	1961	1962	rBV	2931	2724	0.37%	0.028%
38	14.687	1973	1983	1989	rBV	255029	412852	56.61%	4.312%
39	14.751	1989	1994	2001	rVB3	14167	24774	3.40%	0.259%
40	14.898	2013	2019	2030	rBV3	83555	157808	21.64%	1.648%
41	15.027	2040	2041	2047	rVV2	1904	2412	0.33%	0.025%
42	15.086	2047	2051	2059	rVB2	14322	23520	3.22%	0.246%
43	15.162	2059	2064	2066	rBV4	3827	5206	0.71%	0.054%
44	15.262	2078	2081	2084	rBV2	2143	2911	0.40%	0.030%
45	15.303	2084	2088	2089	rBV2	3587	3885	0.53%	0.041%
46	15.350	2093	2096	2101	rVB4	5977	8582	1.18%	0.090%
47	15.392	2101	2103	2104	rBV2	2208	2190	0.30%	0.023%
48	15.421	2104	2108	2111	rVV2	3644	5561	0.76%	0.058%
49	15.468	2114	2116	2120	rVV3	5593	6082	0.83%	0.064%
50	15.515	2120	2124	2128	rVB2	5909	9804	1.34%	0.102%
51	15.556	2128	2131	2133	rBV3	2081	2674	0.37%	0.028%
52	15.685	2144	2153	2158	rVV	340007	542275	74.35%	5.663%
53	15.732	2158	2161	2165	rVV4	11669	16025	2.20%	0.167%
54	15.809	2168	2174	2182	rVV2	73178	113183	15.52%	1.182%
55	15.903	2187	2190	2191	rVV3	4339	3513	0.48%	0.037%
56	15.920	2191	2193	2199	rVB6	6417	8564	1.17%	0.089%
57	16.026	2208	2211	2217	rVB7	6779	11548	1.58%	0.121%
58	16.173	2231	2236	2242	rBV5	5622	12156	1.67%	0.127%
59	16.320	2259	2261	2264	rBV3	2760	2903	0.40%	0.030%
60	16.378	2268	2271	2273	rVV4	7739	9012	1.24%	0.094%
61	16.408	2273	2276	2281	rVB6	11319	17600	2.41%	0.184%
62	16.461	2283	2285	2288	rBV3	1686	2395	0.33%	0.025%
63	16.543	2296	2299	2301	rBV3	2291	3208	0.44%	0.034%
64	16.690	2320	2324	2325	rBV3	4092	3515	0.48%	0.037%
65	16.784	2339	2340	2344	rBV3	2898	3008	0.41%	0.031%
66	16.890	2356	2358	2361	rVB3	3617	3754	0.51%	0.039%
67	16.972	2367	2372	2376	rBV8	7797	14455	1.98%	0.151%
68	17.007	2376	2378	2381	rVB4	4407	4958	0.68%	0.052%
69	17.095	2389	2393	2396	rVB	11448	14291	1.96%	0.149%
70	17.177	2403	2407	2413	rVV7	9169	19450	2.67%	0.203%
71	17.219	2413	2414	2417	rVV2	5302	5806	0.80%	0.061%
72	17.260	2419	2421	2426	rVB4	10804	15798	2.17%	0.165%
73	17.442	2445	2452	2456	rBV	287544	461100	63.22%	4.815%
74	17.483	2456	2459	2464	rVV	181535	264330	36.24%	2.761%
75	17.542	2464	2469	2479	rVV2	349492	574522	78.78%	6.000%
76	17.630	2481	2484	2490	rVB6	5830	10968	1.50%	0.115%

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Integrator: RTE
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 Sampling : 1 Min Area: 0.1 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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77	17.694	2494	2495	2496	rBV	5312	2618	0.36%	0.027%
78	17.847	2518	2521	2526	rVB3	15058	21196	2.91%	0.221%
79	17.923	2529	2534	2537	rVB5	7872	10856	1.49%	0.113%
80	17.959	2537	2540	2547	rBV7	6437	11007	1.51%	0.115%
81	18.017	2548	2550	2555	rVB5	9431	9364	1.28%	0.098%
82	18.241	2584	2588	2591	rBV4	6597	12290	1.69%	0.128%
83	18.317	2597	2601	2605	rBV	31901	46324	6.35%	0.484%
84	18.364	2605	2609	2615	rVB	44809	72742	9.97%	0.760%
85	18.440	2620	2622	2627	rVB2	14073	17002	2.33%	0.178%
86	18.511	2629	2634	2638	rBV4	38504	73101	10.02%	0.763%
87	18.617	2648	2652	2653	rBV3	9394	9608	1.32%	0.100%
88	18.669	2657	2661	2665	rVV7	8461	13845	1.90%	0.145%
89	18.816	2682	2686	2690	rBV	24551	36597	5.02%	0.382%
90	18.857	2690	2693	2699	rVB8	18254	24953	3.42%	0.261%
91	19.057	2724	2727	2731	rBV6	9878	14886	2.04%	0.155%
92	19.110	2733	2736	2739	rBV5	8936	12790	1.75%	0.134%
93	19.233	2753	2757	2763	rBV6	19571	32567	4.47%	0.340%
94	19.380	2776	2782	2789	rBV6	31816	76886	10.54%	0.803%
95	19.492	2796	2801	2808	rVB	331575	480956	65.95%	5.023%
96	19.827	2852	2858	2861	rBV2	420551	677726	92.93%	7.078%
97	19.927	2871	2875	2880	rVB3	30115	41277	5.66%	0.431%
98	21.718	3173	3180	3186	rBV2	286809	705852	96.78%	7.372%
99	21.771	3186	3189	3199	rVB	147664	247234	33.90%	2.582%
100	24.779	3696	3701	3708	rVB2	142685	314400	43.11%	3.283%

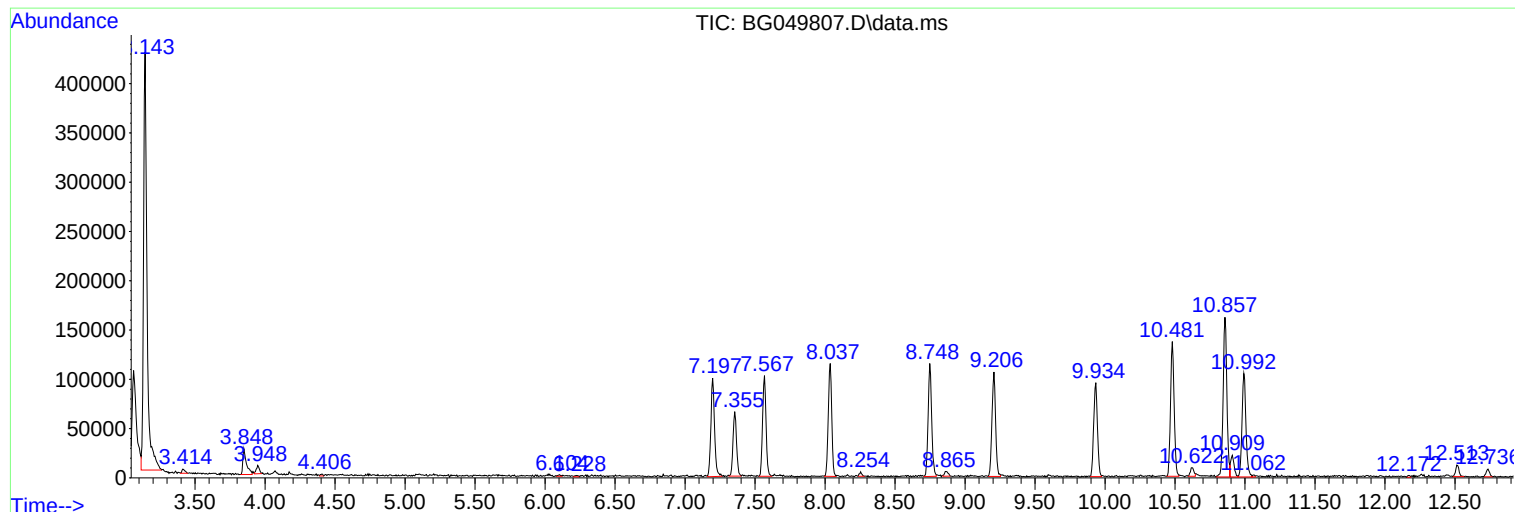
Sum of corrected areas: 9575353

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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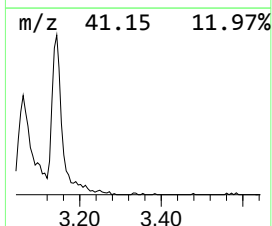
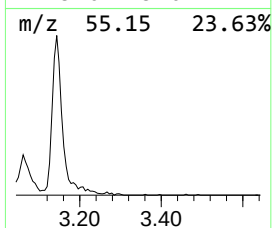
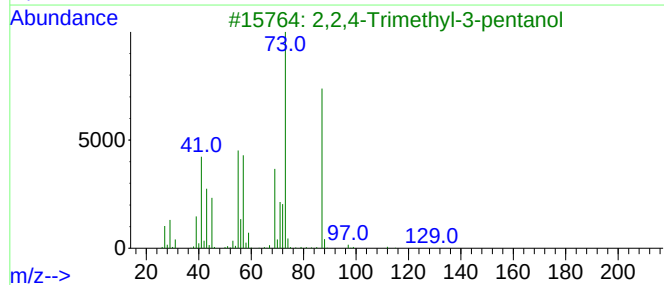
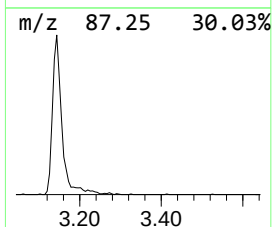
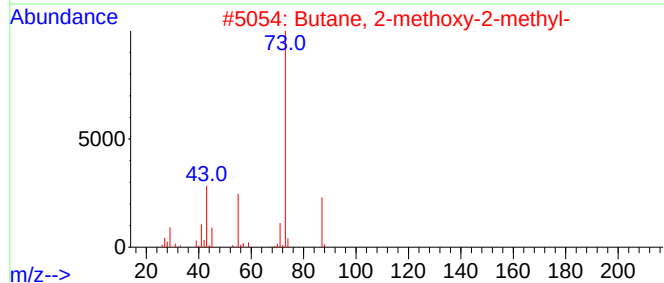
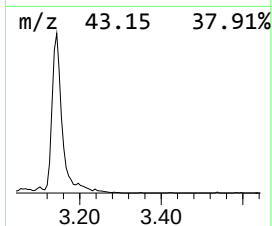
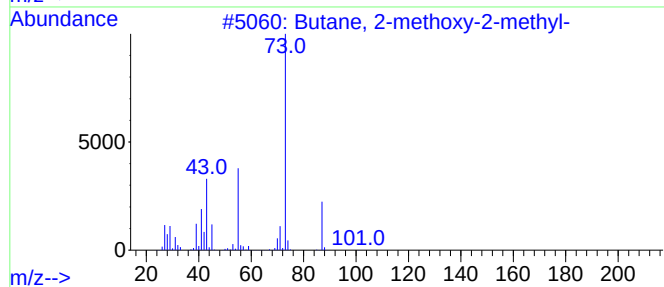
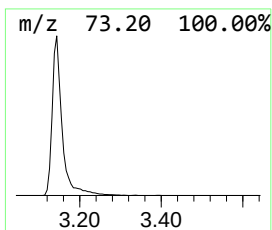
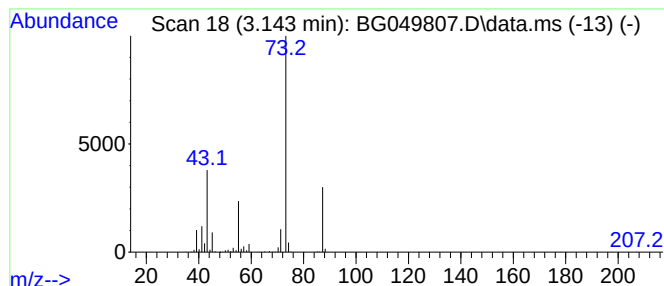
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.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.
3.143	74.26 ng/ul	729306	1,4-Dichlorobenzene-d4	8.037

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12



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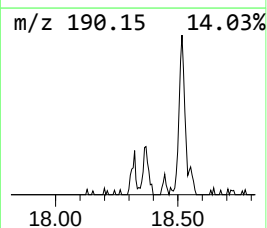
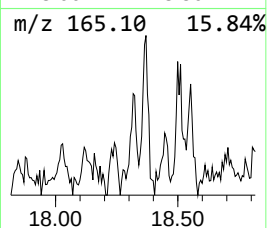
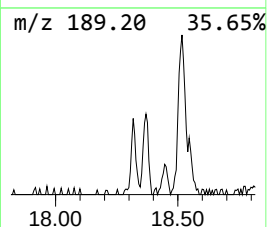
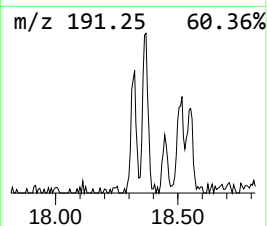
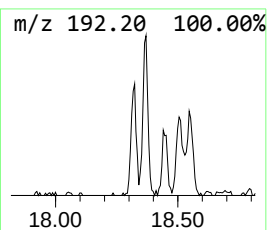
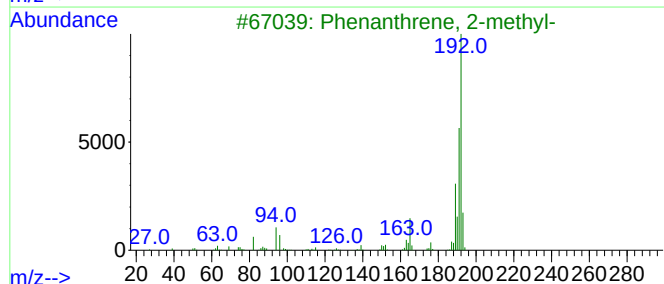
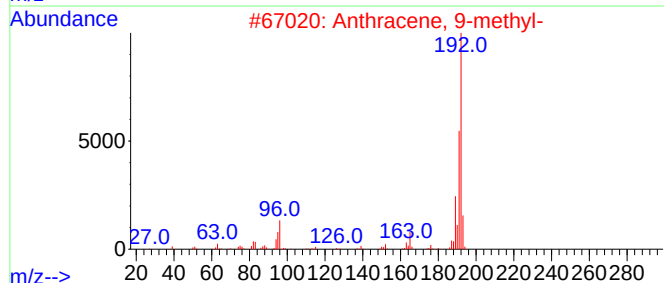
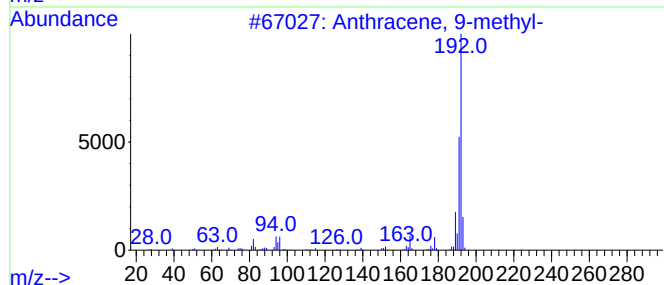
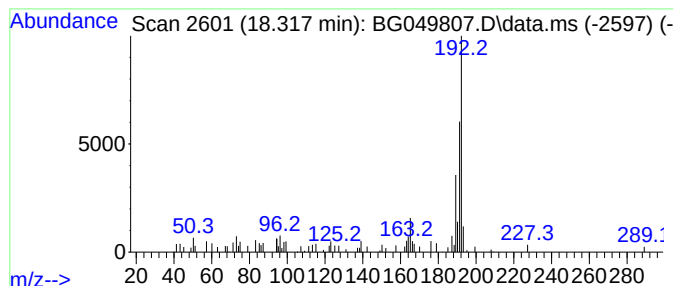
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	2.01 ng/ul	46324	Phenanthrene-d10	17.442

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76



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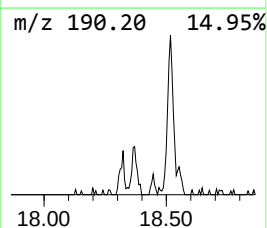
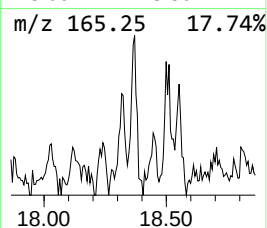
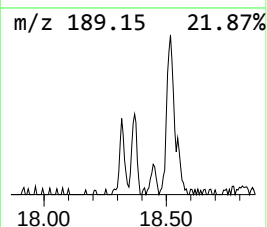
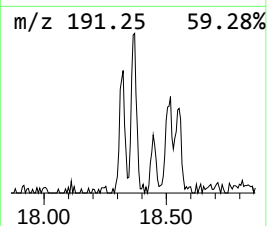
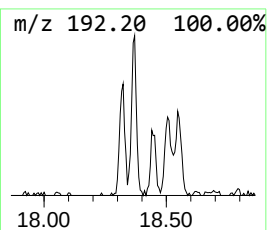
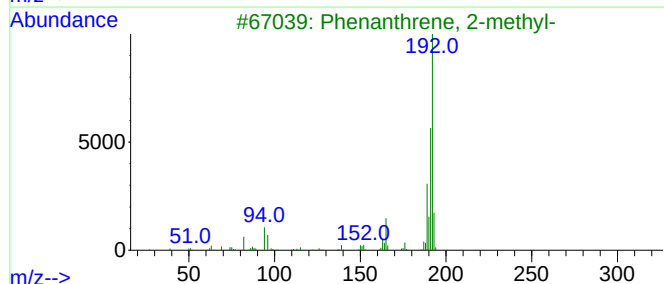
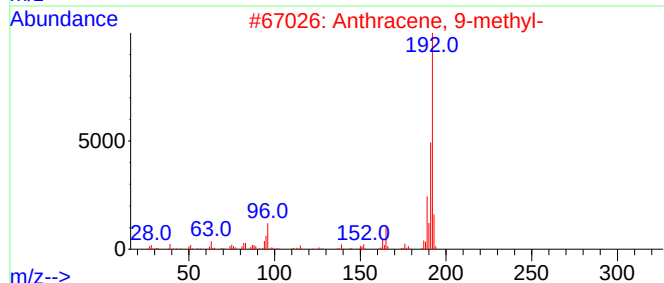
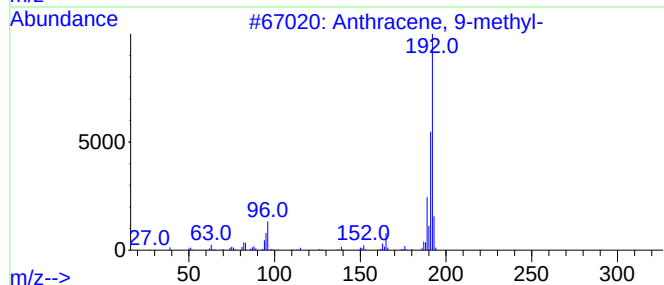
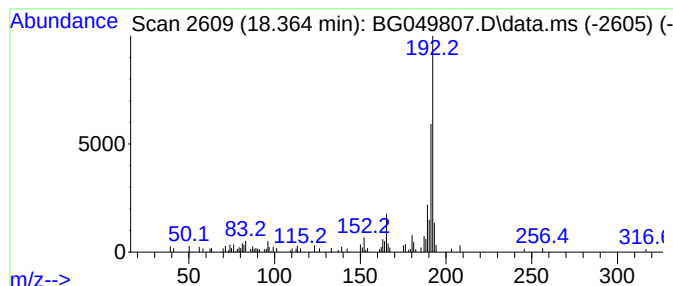
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	3.16 ng/ul	72742	Phenanthrene-d10	17.442

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



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Data File : BG049807.D
Acq On : 12 Aug 2021 3:57
Operator : CG/JU
Sample : M3287-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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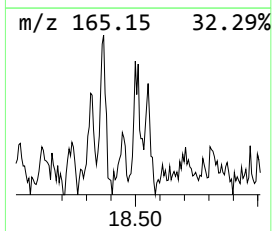
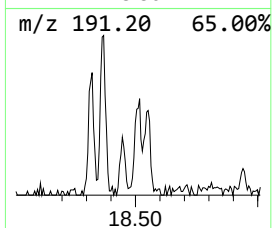
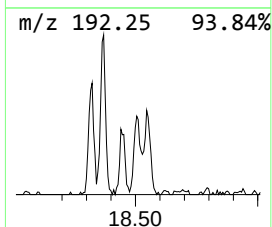
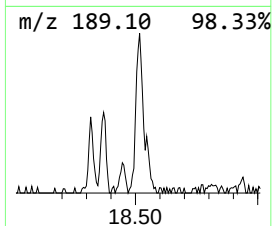
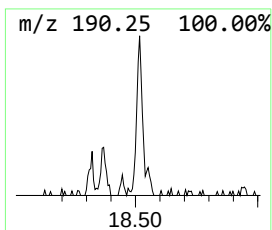
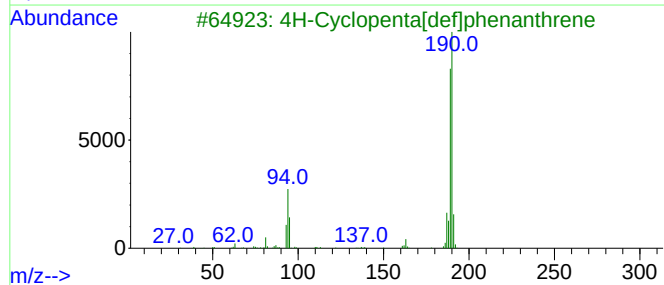
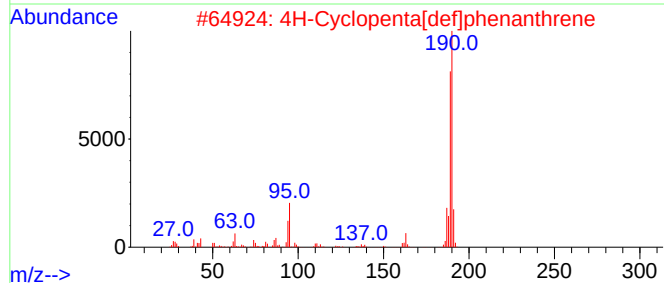
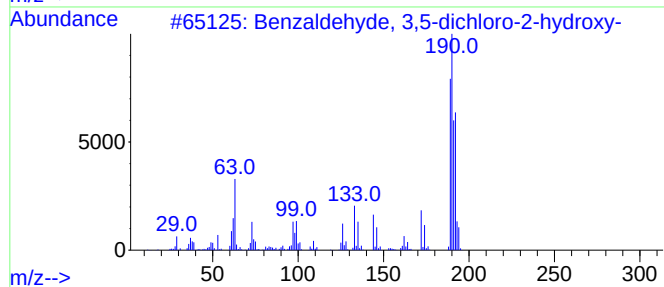
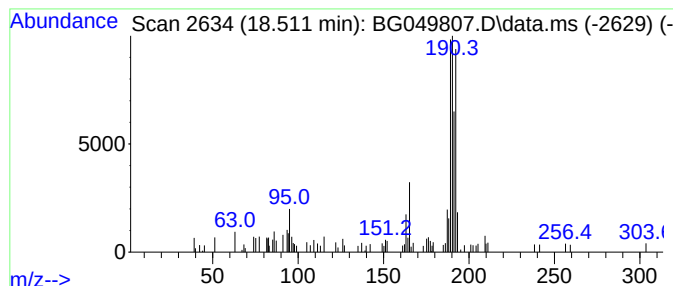
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.511	3.17 ng/ul	73101	Phenanthrene-d10	17.442

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
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Acq On : 12 Aug 2021 3:57
Operator : CG/JU
Sample : M3287-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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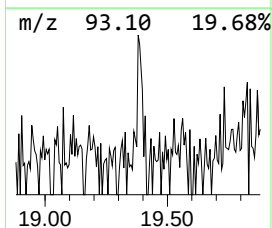
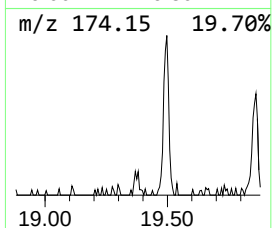
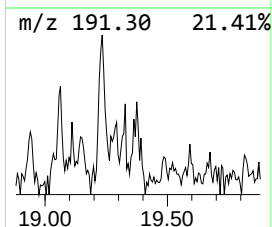
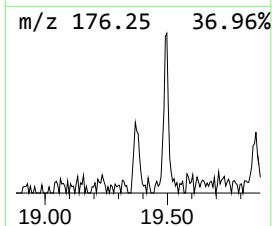
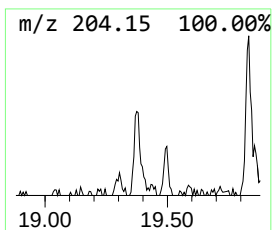
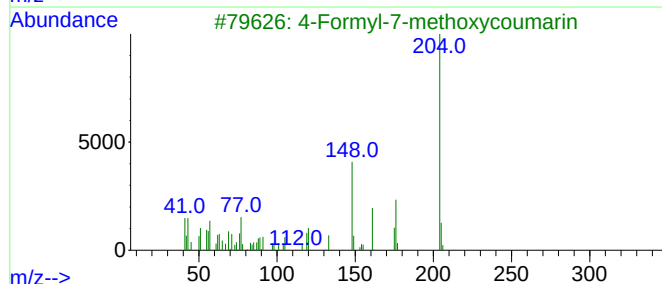
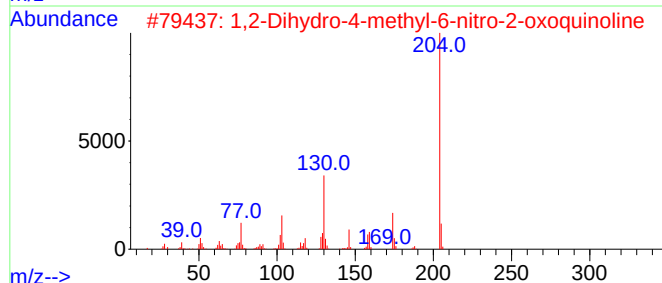
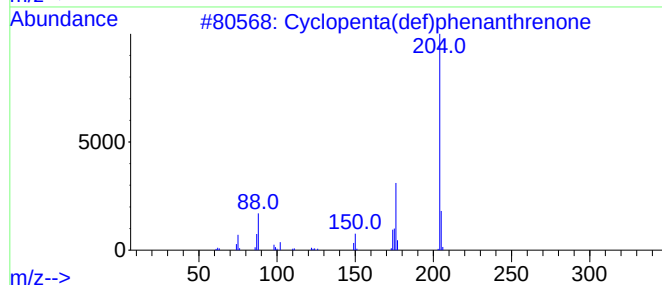
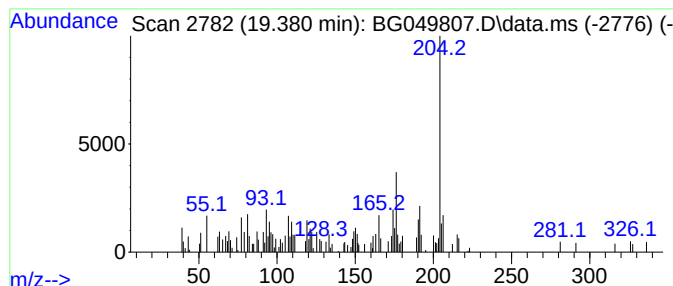
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	3.33 ng/ul	76886	Phenanthrene-d10	17.442

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
2			1,2-Dihydro-4-methyl-6-nitro-2-o...	204	C10H8N2O3	090771-17-8	49
3			4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	46
4			4,5,6,7-Tetrafluoro-2-methyl-1H...	204	C8H4F4N2	081430-75-3	46
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.143	74.3	ng/ul	729306	1	8.037	196427	20.0
Anthracene, 9-m...	18.317	2.0	ng/ul	46324	4	17.442	461100	20.0
Phenanthrene, 2...	18.364	3.2	ng/ul	72742	4	17.442	461100	20.0
Benzaldehyde, 3...	18.511	3.2	ng/ul	73101	4	17.442	461100	20.0
Cyclopenta(def)...	19.380	3.3	ng/ul	76886	4	17.442	461100	20.0