

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

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-BG081921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049992.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.332	45	50	54	rVB4	3436	6953	1.41%	0.105%
2	3.867	137	141	143	rBV4	3649	4036	0.82%	0.061%
3	3.949	150	155	156	rBV3	1865	3171	0.64%	0.048%
4	4.084	176	178	183	rVB4	2826	3343	0.68%	0.051%
5	4.325	216	219	222	rBV4	1798	2644	0.54%	0.040%
6	4.824	301	304	308	rBV4	1235	2193	0.45%	0.033%
7	7.139	692	698	707	rBV	58403	109365	22.23%	1.659%
8	7.292	717	724	735	rBV2	43043	76370	15.52%	1.158%
9	7.497	753	759	766	rVV	64285	109902	22.34%	1.667%
10	7.967	832	839	846	rBV2	73943	122606	24.92%	1.860%
11	8.690	955	962	972	rBV3	64363	118301	24.04%	1.794%
12	9.136	1031	1038	1047	rBV	65826	117834	23.95%	1.787%
13	9.865	1156	1162	1170	rVB2	62178	106843	21.72%	1.621%
14	10.417	1250	1256	1265	rBV	74842	140680	28.59%	2.134%
15	10.570	1278	1282	1284	rBV2	1861	2210	0.45%	0.034%
16	10.787	1310	1319	1325	rBV	100279	181627	36.92%	2.755%
17	10.834	1325	1327	1336	rVB2	7667	10796	2.19%	0.164%
18	10.928	1336	1343	1355	rBV2	31657	60240	12.24%	0.914%
19	12.455	1597	1603	1607	rVV3	4622	6870	1.40%	0.104%
20	12.673	1634	1640	1645	rBV3	4658	8163	1.66%	0.124%
21	13.231	1729	1735	1737	rBV	1205	2280	0.46%	0.035%
22	13.789	1826	1830	1831	rBV3	2280	2307	0.47%	0.035%
23	13.947	1853	1857	1863	rVV	3943	6304	1.28%	0.096%
24	14.024	1863	1870	1877	rVV	161361	244862	49.77%	3.714%
25	14.188	1893	1898	1900	rBV3	2192	3041	0.62%	0.046%
26	14.323	1914	1921	1933	rVB	162838	271503	55.18%	4.118%
27	14.511	1950	1953	1957	rVB2	1665	2180	0.44%	0.033%
28	14.629	1964	1973	1981	rBV	165254	250974	51.01%	3.807%
29	14.687	1981	1983	1989	rVB2	4354	6339	1.29%	0.096%
30	14.770	1995	1997	2004	rVB2	1438	2226	0.45%	0.034%
31	14.858	2006	2012	2025	rVV2	41743	87420	17.77%	1.326%
32	14.958	2027	2029	2036	rVV2	2083	3805	0.77%	0.058%
33	15.028	2036	2041	2047	rVV2	15097	22518	4.58%	0.342%
34	15.105	2052	2054	2057	rVV3	2473	2465	0.50%	0.037%
35	15.251	2072	2079	2082	rBV3	1705	3376	0.69%	0.051%
36	15.298	2084	2087	2091	rBV2	2852	3796	0.77%	0.058%

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Max Peaks: 100

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
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37	15.622	2136	2142	2148	rBV	223024	336033	68.30%	5.097%
38	15.680	2148	2152	2160	rVB4	10231	16418	3.34%	0.249%
39	15.757	2160	2165	2175	rBV2	53475	86984	17.68%	1.319%
40	15.974	2197	2202	2208	rBV2	6498	10495	2.13%	0.159%
41	16.121	2221	2227	2234	rBV2	6913	12424	2.53%	0.188%
42	16.215	2238	2243	2246	rBV2	1594	2606	0.53%	0.040%
43	16.326	2258	2262	2263	rBV2	2473	2757	0.56%	0.042%
44	16.344	2263	2265	2270	rVB2	2683	4050	0.82%	0.061%
45	16.679	2318	2322	2327	rVB3	3004	5145	1.05%	0.078%
46	16.914	2357	2362	2366	rBV3	3691	6637	1.35%	0.101%
47	16.955	2366	2369	2371	rBV2	2375	2668	0.54%	0.040%
48	17.037	2377	2383	2390	rBV	18786	28647	5.82%	0.435%
49	17.108	2393	2395	2396	rBV	4338	3446	0.70%	0.052%
50	17.161	2401	2404	2407	rVV2	2452	3532	0.72%	0.054%
51	17.202	2407	2411	2419	rVB	10061	15362	3.12%	0.233%
52	17.384	2434	2442	2445	rBV	199964	310555	63.12%	4.710%
53	17.425	2445	2449	2453	rVB	188597	263953	53.65%	4.004%
54	17.478	2453	2458	2463	rBV	222746	329883	67.05%	5.004%
55	17.701	2493	2496	2499	rVB	3324	3897	0.79%	0.059%
56	17.789	2504	2511	2519	rVV2	19065	34956	7.10%	0.530%
57	17.860	2519	2523	2526	rVV3	2588	4426	0.90%	0.067%
58	17.895	2526	2529	2534	rVB4	3433	5423	1.10%	0.082%
59	17.965	2537	2541	2549	rVB4	7009	11886	2.42%	0.180%
60	18.042	2549	2554	2557	rBV3	3058	6356	1.29%	0.096%
61	18.183	2574	2578	2581	rBV2	3104	3128	0.64%	0.047%
62	18.253	2586	2590	2595	rBV2	22901	36739	7.47%	0.557%
63	18.312	2595	2600	2608	rVB3	32945	52943	10.76%	0.803%
64	18.388	2610	2613	2618	rVB3	5956	9037	1.84%	0.137%
65	18.453	2618	2624	2628	rBV2	25325	49265	10.01%	0.747%
66	18.488	2628	2630	2635	rVB2	18323	21106	4.29%	0.320%
67	18.547	2638	2640	2641	rBV2	4195	3538	0.72%	0.054%
68	18.606	2648	2650	2652	rVB2	4378	3537	0.72%	0.054%
69	18.753	2671	2675	2679	rVV	19682	28489	5.79%	0.432%
70	18.800	2679	2683	2691	rVB2	42572	64034	13.01%	0.971%
71	19.005	2714	2718	2721	rVB3	7177	7491	1.52%	0.114%
72	19.052	2722	2726	2729	rBV4	7175	7742	1.57%	0.117%
73	19.087	2729	2732	2738	rVB3	6332	8365	1.70%	0.127%
74	19.176	2743	2747	2751	rVV5	15839	23608	4.80%	0.358%
75	19.228	2755	2756	2758	rVV2	6089	4960	1.01%	0.075%
76	19.264	2760	2762	2766	rVB3	7140	5621	1.14%	0.085%

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 Stop Thrs : 0 Peak Location: TOP

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77	19.322	2766	2772	2780	rVB5	17676	35770	7.27%	0.543%
78	19.434	2780	2791	2797	rBV	270529	397936	80.88%	6.036%
79	19.499	2798	2802	2805	rBV4	4731	6609	1.34%	0.100%
80	19.528	2805	2807	2813	rBV6	6760	8733	1.77%	0.132%
81	19.581	2814	2816	2822	rVB3	6051	8267	1.68%	0.125%
82	19.634	2822	2825	2829	rBV5	6267	9683	1.97%	0.147%
83	19.675	2830	2832	2837	rVB	6516	6430	1.31%	0.098%
84	19.769	2843	2848	2851	rBV	315658	492008	100.00%	7.463%
85	19.869	2862	2865	2869	rBV2	14084	18155	3.69%	0.275%
86	19.974	2880	2883	2888	rVB	15813	24391	4.96%	0.370%
87	20.027	2890	2892	2893	rBV2	6541	5053	1.03%	0.077%
88	20.121	2904	2908	2916	rVB6	17249	42624	8.66%	0.647%
89	20.251	2925	2930	2931	rBV5	11878	17731	3.60%	0.269%
90	20.286	2934	2936	2943	rVB3	28513	38297	7.78%	0.581%
91	20.386	2951	2953	2957	rBV3	10376	11312	2.30%	0.172%
92	20.450	2959	2964	2968	rVB4	19847	33878	6.89%	0.514%
93	20.585	2985	2987	2992	rBV3	10097	13522	2.75%	0.205%
94	21.049	3063	3066	3070	rBV	32207	41304	8.39%	0.626%
95	21.279	3101	3105	3108	rBV3	17363	26369	5.36%	0.400%
96	21.655	3161	3169	3173	rBV2	219459	491798	99.96%	7.460%
97	21.696	3173	3176	3189	rVB	87529	167525	34.05%	2.541%
98	23.857	3538	3544	3550	rBV2	52256	139929	28.44%	2.122%
99	24.662	3673	3681	3687	rBV2	107883	268854	54.64%	4.078%
100	24.880	3709	3718	3727	rBV	119868	338996	68.90%	5.142%

Sum of corrected areas: 6592859

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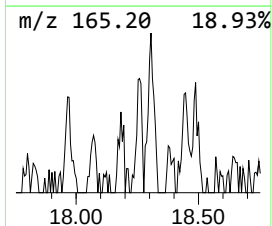
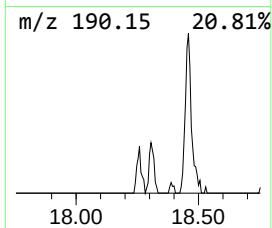
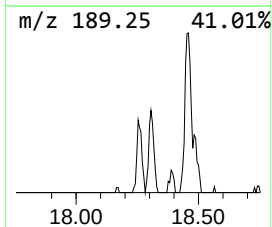
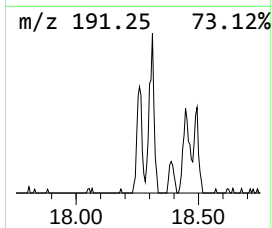
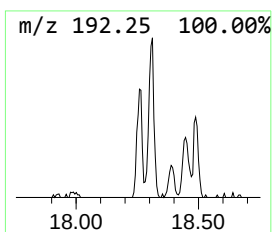
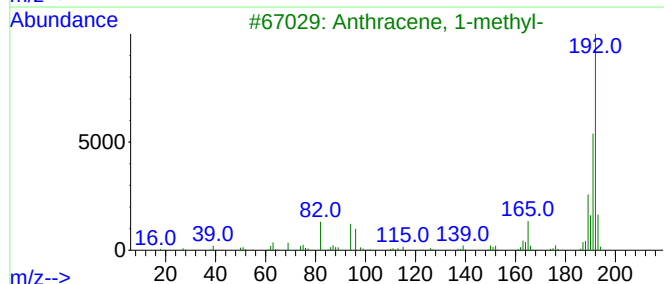
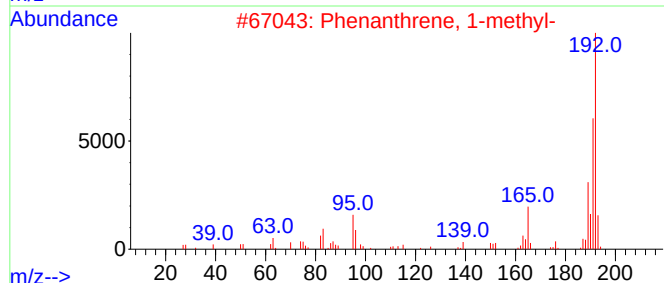
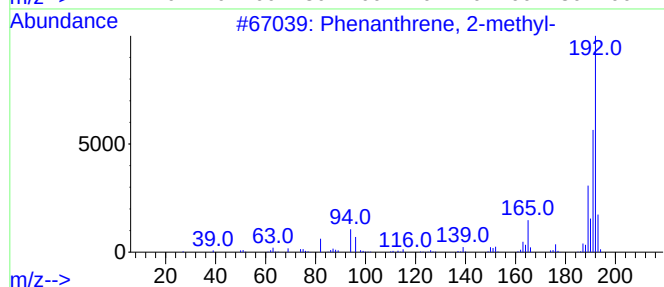
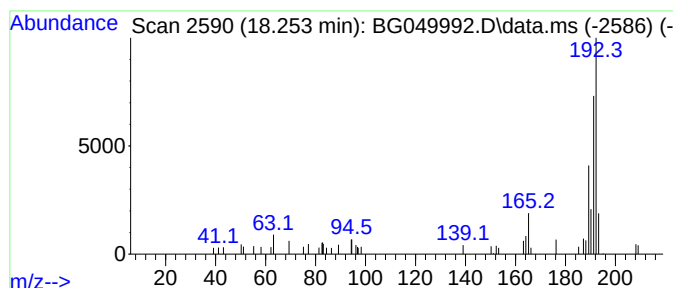
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	2.37 ng/ul	36739	Phenanthrene-d10	17.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70



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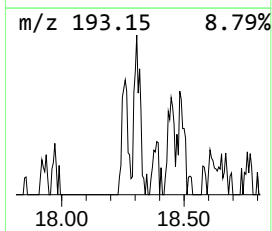
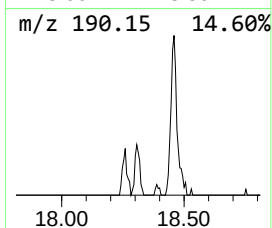
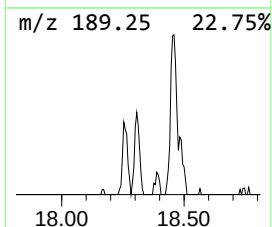
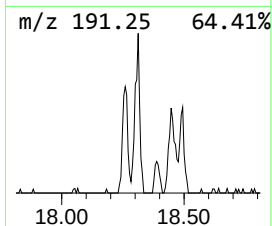
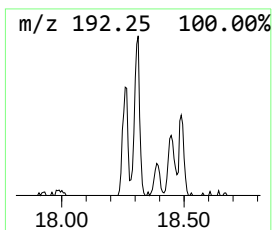
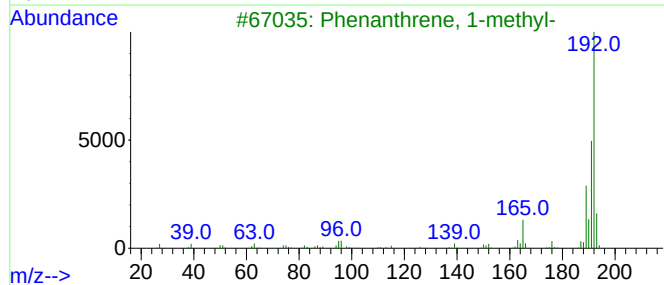
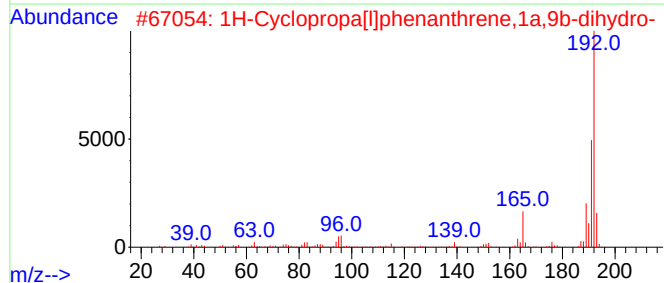
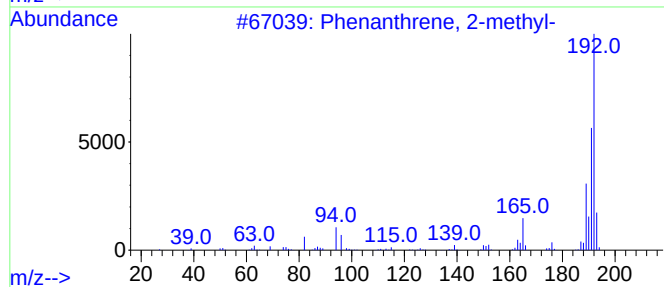
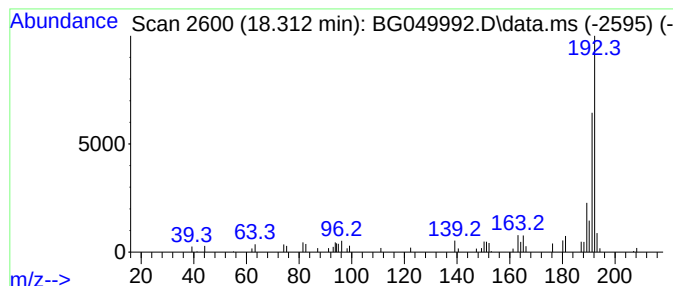
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.312	3.41 ng/ul	52943	Phenanthrene-d10	17.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81



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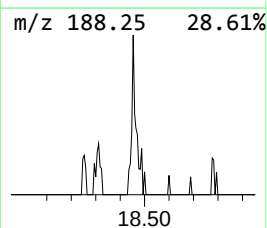
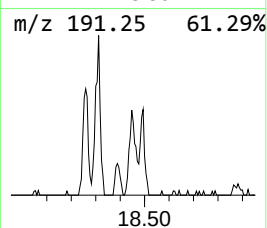
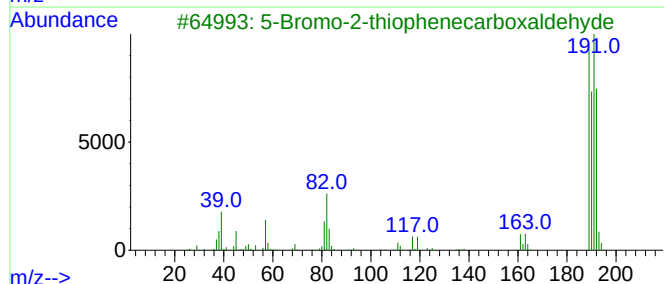
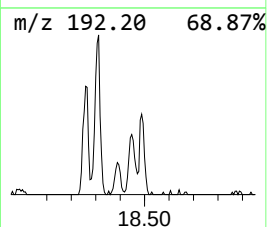
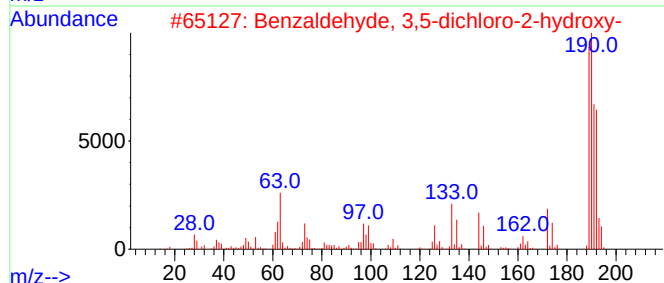
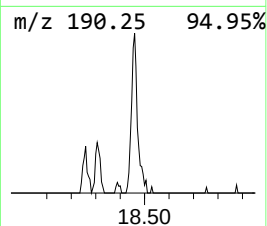
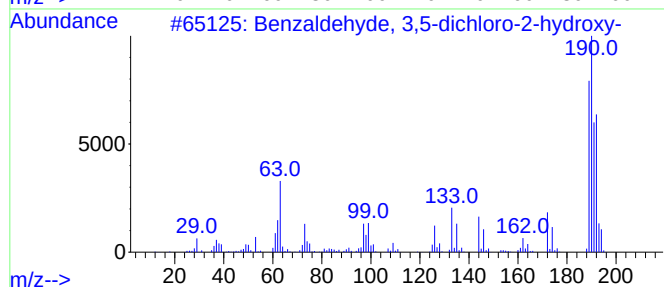
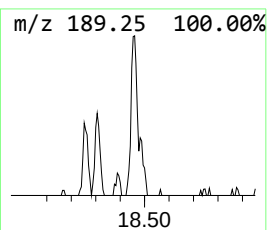
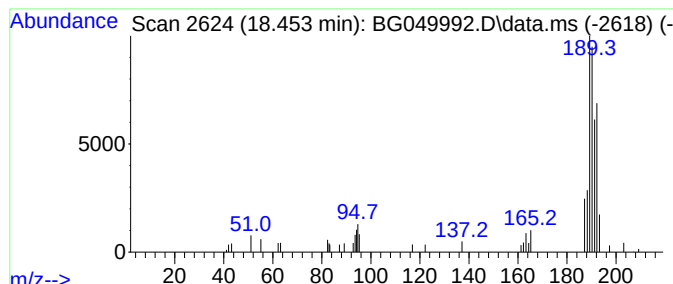
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.453	3.17 ng/ul	49265	Phenanthrene-d10	17.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	47
4			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46



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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
C0AW3

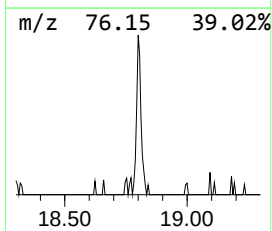
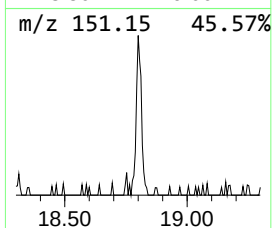
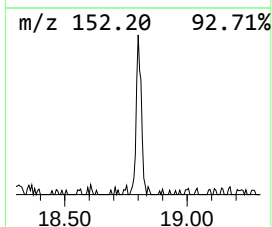
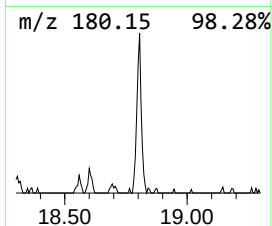
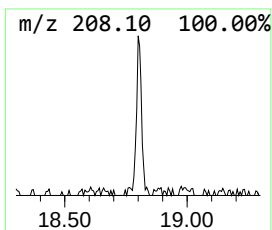
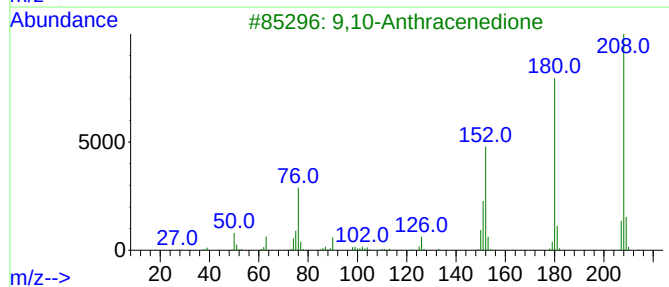
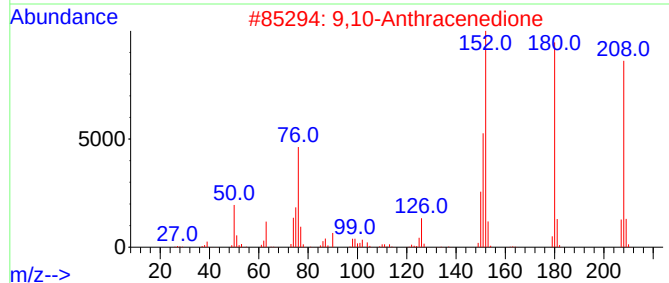
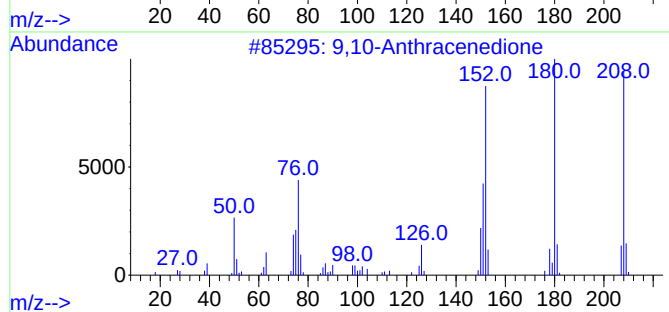
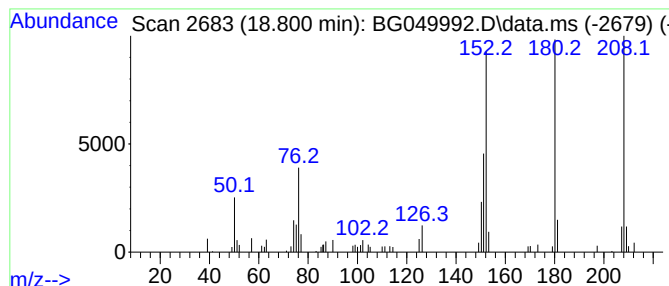
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	4.12 ng/ul	64034	Phenanthrene-d10	17.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049992.D
Acq On : 27 Aug 2021 2:26
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

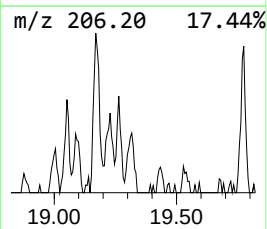
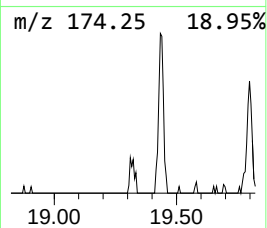
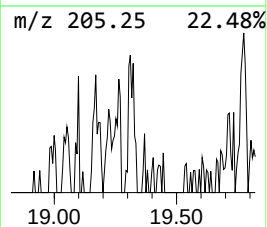
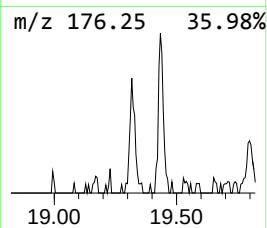
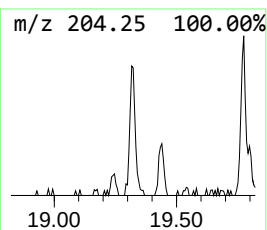
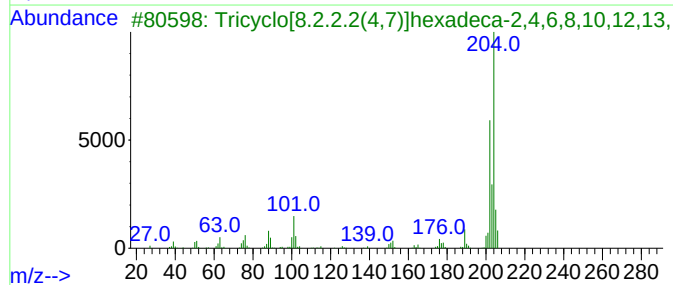
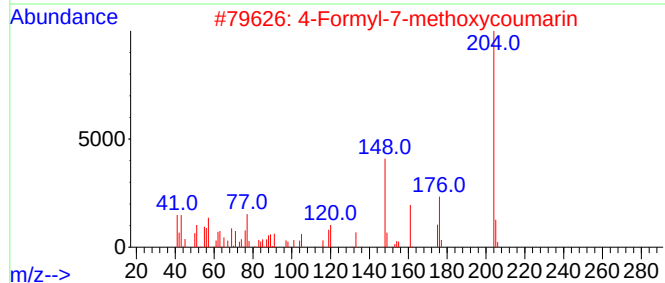
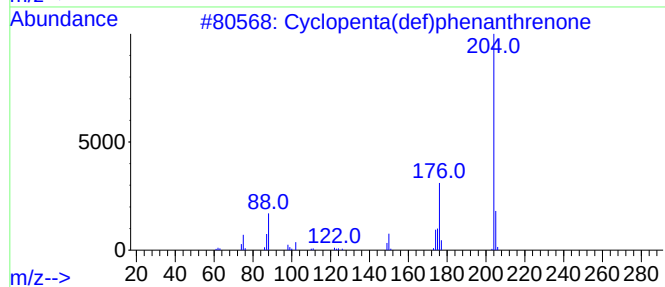
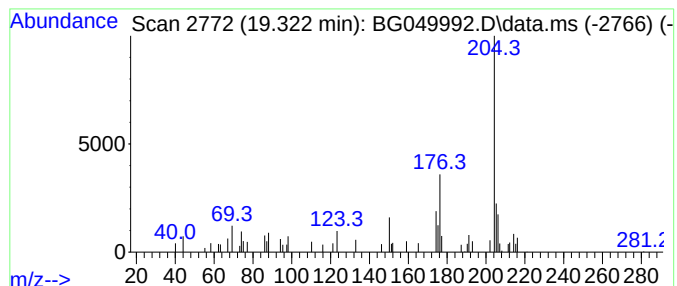
Instrument :
BNA_G
ClientSampleId :
C0AW3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.322	2.30 ng/ul	35770	Phenanthrene-d10	17.384	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	53
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049992.D
Acq On : 27 Aug 2021 2:26
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.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
Phenanthrene, 2...	18.253	2.4	ng/ul	36739	4	17.384	310555	20.0
1H-Cyclopropa[1...	18.312	3.4	ng/ul	52943	4	17.384	310555	20.0
Benzaldehyde, 3...	18.453	3.2	ng/ul	49265	4	17.384	310555	20.0
9,10-Anthracene...	18.800	4.1	ng/ul	64034	4	17.384	310555	20.0
Cyclopenta(def)...	19.322	2.3	ng/ul	35770	4	17.384	310555	20.0