

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG050020.D
 Acq On : 28 Aug 2021 7:22
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 21 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: BG050020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.792	125	128	130	rBV3	3599	4225	0.65%	0.054%
2	3.862	137	140	148	rVB4	5857	9775	1.49%	0.124%
3	3.992	157	162	166	rBV4	4080	7471	1.14%	0.095%
4	5.948	491	495	499	rVB5	2509	3594	0.55%	0.046%
5	7.134	691	697	707	rBV2	69628	128535	19.63%	1.632%
6	7.287	717	723	731	rBV	48754	88433	13.51%	1.123%
7	7.499	753	759	767	rBV	79111	133674	20.42%	1.697%
8	7.963	831	838	845	rBV	116656	192078	29.34%	2.439%
9	8.685	955	961	973	rVV2	77347	136904	20.91%	1.739%
10	9.137	1030	1038	1046	rBV	75178	136240	20.81%	1.730%
11	9.866	1154	1162	1170	rVB2	67161	121867	18.61%	1.548%
12	10.418	1249	1256	1269	rBV	88430	166084	25.37%	2.109%
13	10.782	1310	1318	1324	rBV	148510	269040	41.10%	3.416%
14	10.835	1324	1327	1334	rVV3	7997	12217	1.87%	0.155%
15	10.929	1336	1343	1351	rBV2	32991	63417	9.69%	0.805%
16	12.445	1597	1601	1607	rBV4	4768	8196	1.25%	0.104%
17	12.668	1635	1639	1644	rVB2	4348	6417	0.98%	0.081%
18	13.438	1765	1770	1773	rBV4	2052	3666	0.56%	0.047%
19	13.949	1852	1857	1861	rBV2	4371	6032	0.92%	0.077%
20	14.025	1861	1870	1878	rVV	183241	271801	41.52%	3.452%
21	14.319	1914	1920	1934	rVB	195371	311146	47.53%	3.951%
22	14.624	1965	1972	1979	rBV	247878	373086	56.99%	4.738%
23	14.689	1980	1983	1989	rVB	5887	7512	1.15%	0.095%
24	14.853	2006	2011	2023	rBV2	41151	91609	13.99%	1.163%
25	15.024	2036	2040	2049	rVB	14065	23260	3.55%	0.295%
26	15.247	2073	2078	2083	rVB3	2011	3329	0.51%	0.042%
27	15.411	2100	2106	2108	rBV2	2475	3642	0.56%	0.046%
28	15.617	2135	2141	2148	rBV	249209	385189	58.84%	4.891%
29	15.670	2148	2150	2157	rVV4	12294	17569	2.68%	0.223%
30	15.752	2160	2164	2172	rVV	59479	92666	14.15%	1.177%
31	15.858	2179	2182	2187	rVB2	1923	3103	0.47%	0.039%
32	15.975	2196	2202	2206	rVB3	5936	8840	1.35%	0.112%
33	16.116	2221	2226	2233	rVB2	7608	16239	2.48%	0.206%
34	16.210	2237	2242	2246	rVB2	1805	3317	0.51%	0.042%
35	16.322	2258	2261	2264	rBV3	3629	5690	0.87%	0.072%
36	16.351	2264	2266	2271	rVB4	5001	4776	0.73%	0.061%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG050020.D
 Acq On : 28 Aug 2021 7:22
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 21 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

37	16.674	2319	2321	2322	rVV2	3355	2835	0.43%	0.036%
38	16.692	2322	2324	2327	rVV3	3464	3511	0.54%	0.045%
39	16.721	2327	2329	2334	rVB	1765	2776	0.42%	0.035%
40	16.909	2355	2361	2365	rBV3	6421	8729	1.33%	0.111%
41	16.945	2365	2367	2370	rVV3	3178	4447	0.68%	0.056%
42	16.980	2370	2373	2374	rVV2	2531	2674	0.41%	0.034%
43	17.033	2378	2382	2390	rVB2	20016	30056	4.59%	0.382%
44	17.115	2390	2396	2402	rBV4	6984	12699	1.94%	0.161%
45	17.197	2406	2410	2417	rVB2	11023	16698	2.55%	0.212%
46	17.379	2435	2441	2445	rBV	296679	450005	68.74%	5.714%
47	17.420	2445	2448	2453	rVB	210728	288776	44.11%	3.667%
48	17.479	2453	2458	2462	rBV2	242780	360472	55.06%	4.578%
49	17.561	2469	2472	2474	rBV3	3776	4240	0.65%	0.054%
50	17.785	2502	2510	2518	rBV3	23592	44048	6.73%	0.559%
51	17.861	2521	2523	2525	rVB2	4168	3306	0.50%	0.042%
52	17.896	2525	2529	2533	rBV2	4773	7301	1.12%	0.093%
53	17.961	2537	2540	2543	rBV2	4125	5410	0.83%	0.069%
54	18.031	2549	2552	2555	rBV3	3191	3636	0.56%	0.046%
55	18.172	2574	2576	2581	rBV2	3657	4843	0.74%	0.061%
56	18.260	2583	2591	2594	rVV	25144	38356	5.86%	0.487%
57	18.307	2594	2599	2604	rVV	36816	54447	8.32%	0.691%
58	18.390	2610	2613	2618	rVB	7536	10285	1.57%	0.131%
59	18.454	2618	2624	2627	rBV4	28112	54896	8.39%	0.697%
60	18.484	2627	2629	2636	rVB	15668	23418	3.58%	0.297%
61	18.548	2636	2640	2646	rBV4	6035	8701	1.33%	0.110%
62	18.601	2646	2649	2650	rBV	4747	4632	0.71%	0.059%
63	18.748	2670	2674	2679	rVV	21222	30556	4.67%	0.388%
64	18.801	2679	2683	2691	rVB	43865	65835	10.06%	0.836%
65	18.954	2707	2709	2711	rBV3	3491	3642	0.56%	0.046%
66	19.001	2714	2717	2719	rVV3	6046	6051	0.92%	0.077%
67	19.048	2723	2725	2728	rBV2	4219	4505	0.69%	0.057%
68	19.089	2728	2732	2735	rVB5	4688	7195	1.10%	0.091%
69	19.177	2742	2747	2751	rBV6	15484	29489	4.50%	0.374%
70	19.312	2765	2770	2780	rBV6	19873	41572	6.35%	0.528%
71	19.394	2782	2784	2785	rBV2	4986	3172	0.48%	0.040%
72	19.435	2785	2791	2798	rVV	292729	409515	62.55%	5.200%
73	19.494	2798	2801	2804	rVV5	6407	6920	1.06%	0.088%
74	19.529	2804	2807	2813	rVV6	8776	15092	2.31%	0.192%
75	19.588	2813	2817	2822	rVV	12906	19519	2.98%	0.248%
76	19.635	2822	2825	2829	rVV5	12044	14933	2.28%	0.190%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG050020.D
 Acq On : 28 Aug 2021 7:22
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 21 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

77	19.676	2829	2832	2836	rVV2	8634	11821	1.81%	0.150%
78	19.770	2842	2848	2851	rBV	331487	549896	84.00%	6.983%
79	19.870	2861	2865	2871	rVB3	15823	26581	4.06%	0.338%
80	19.935	2871	2876	2877	rBV5	4510	6647	1.02%	0.084%
81	19.976	2877	2883	2887	rBV	15036	25456	3.89%	0.323%
82	20.035	2890	2893	2899	rVB7	7250	11501	1.76%	0.146%
83	20.111	2901	2906	2907	rBV4	18154	21248	3.25%	0.270%
84	20.287	2933	2936	2940	rVB	29923	39270	6.00%	0.499%
85	20.352	2946	2947	2949	rBV	4722	2819	0.43%	0.036%
86	20.387	2950	2953	2957	rVV2	12657	15858	2.42%	0.201%
87	20.516	2973	2975	2976	rBV2	7149	4602	0.70%	0.058%
88	20.628	2992	2994	2999	rBV4	10190	13654	2.09%	0.173%
89	21.051	3062	3066	3072	rVB	31567	48858	7.46%	0.620%
90	21.227	3094	3096	3101	rVB3	20894	24190	3.69%	0.307%
91	21.268	3101	3103	3109	rBV4	17576	30225	4.62%	0.384%
92	21.650	3160	3168	3173	rBV3	311266	654672	100.00%	8.313%
93	21.697	3173	3176	3181	rVB2	88630	131027	20.01%	1.664%
94	23.688	3513	3515	3517	rBV3	7350	6262	0.96%	0.080%
95	23.847	3536	3542	3550	rBV2	66909	207885	31.75%	2.640%
96	24.581	3661	3667	3671	rBV2	16353	43098	6.58%	0.547%
97	24.658	3672	3680	3687	rVV2	117957	302772	46.25%	3.845%
98	24.875	3709	3717	3729	rVB2	161642	459034	70.12%	5.829%
99	26.913	4062	4064	4065	rBV2	7347	4174	0.64%	0.053%
100	28.053	4256	4258	4259	rBV2	6824	3439	0.53%	0.044%

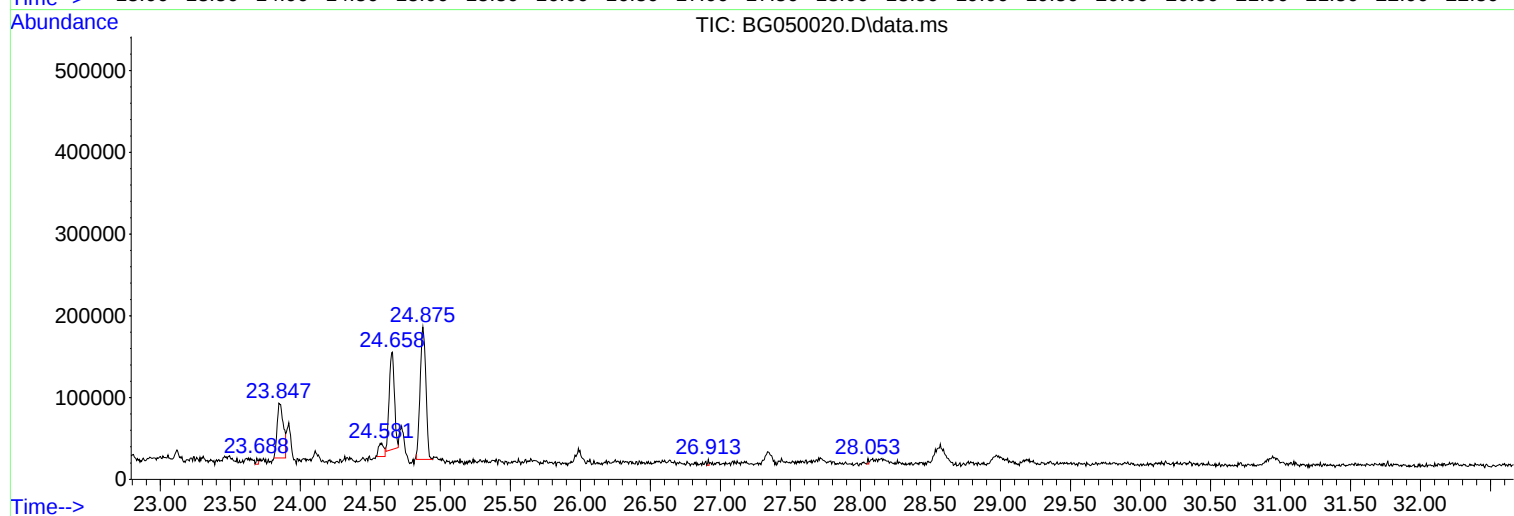
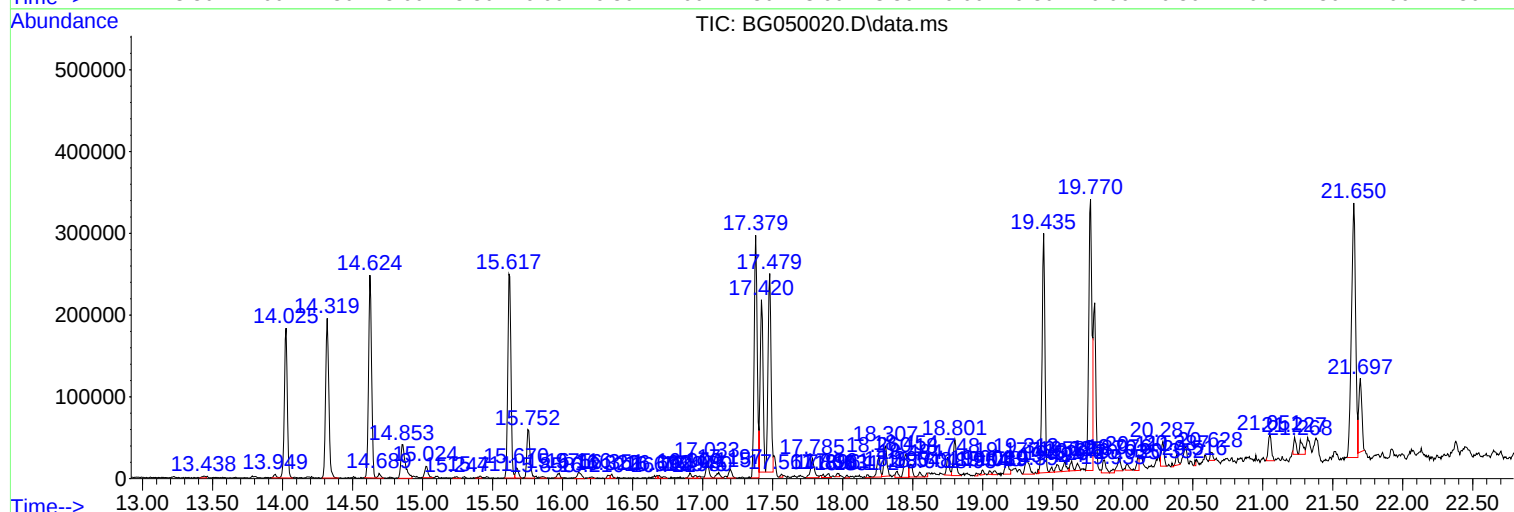
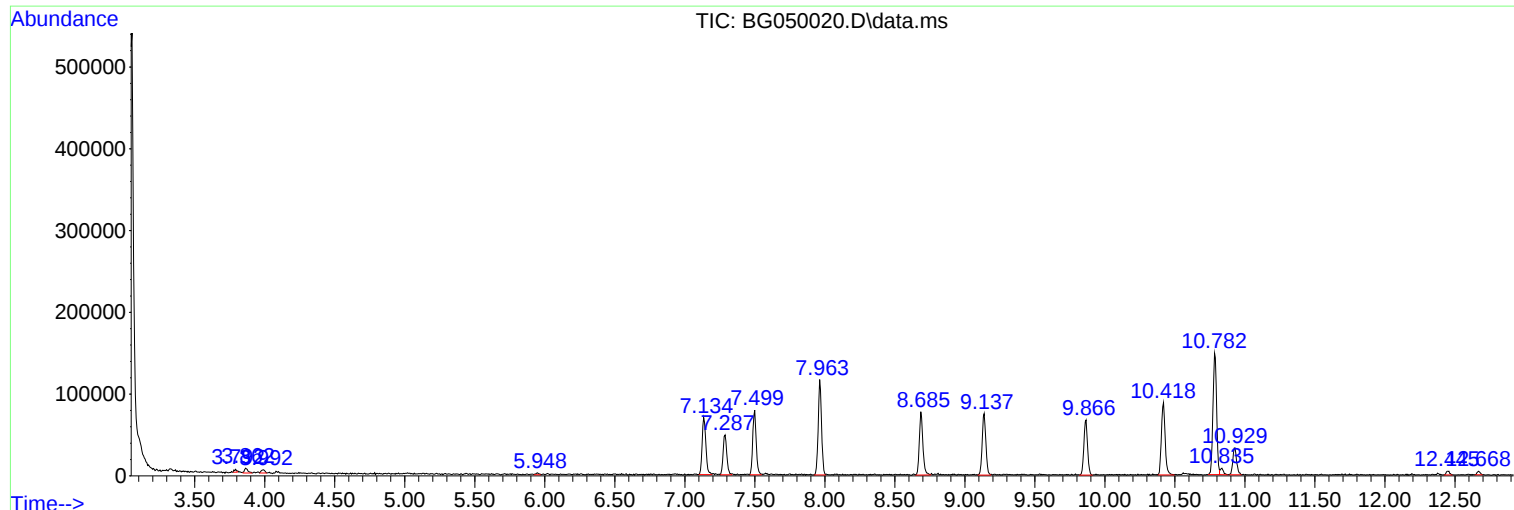
Sum of corrected areas: 7874821

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050020.D
Acq On : 28 Aug 2021 7:22
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 21 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050020.D
Acq On : 28 Aug 2021 7:22
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

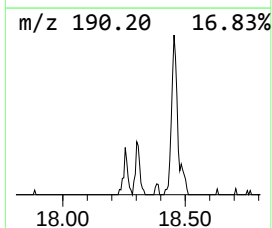
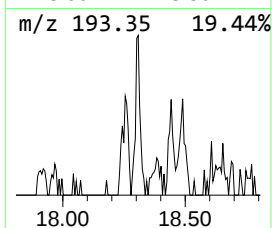
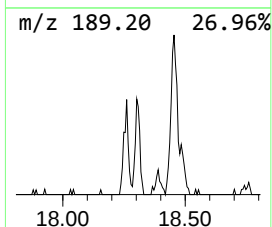
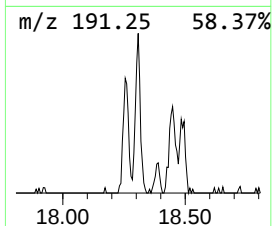
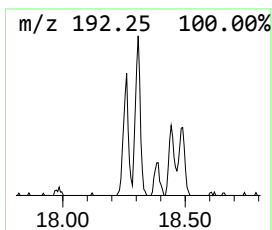
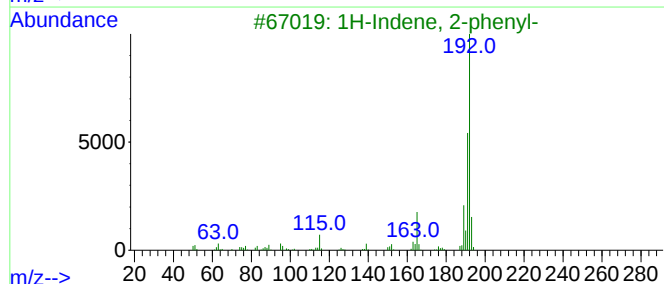
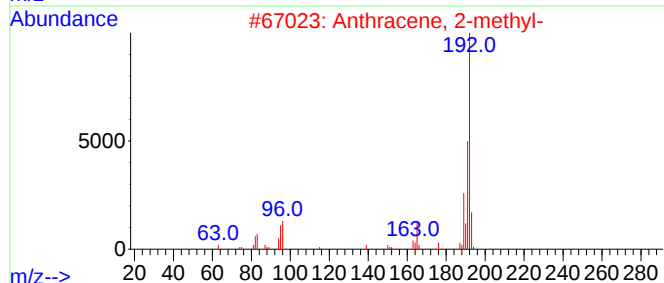
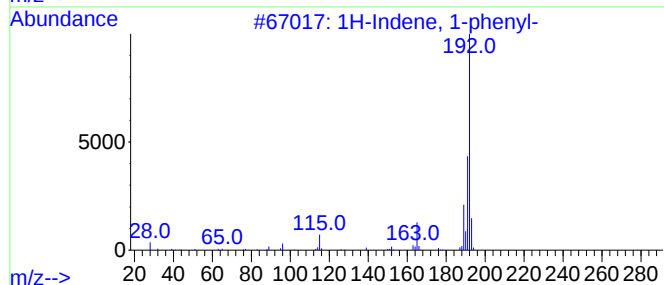
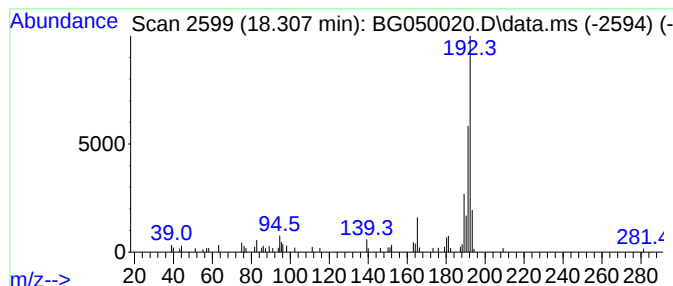
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Indene, 1-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.307	2.42 ng/ul	54447	Phenanthrene-d10	17.379

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050020.D
Acq On : 28 Aug 2021 7:22
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

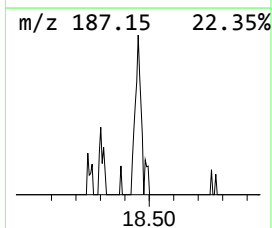
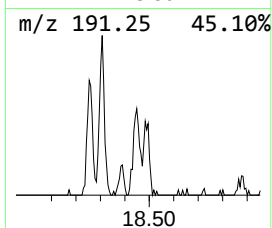
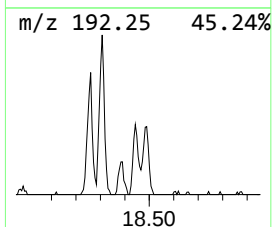
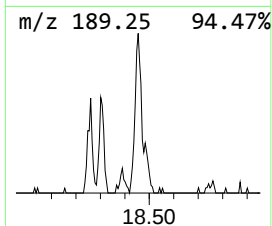
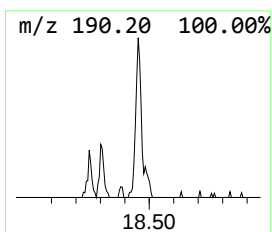
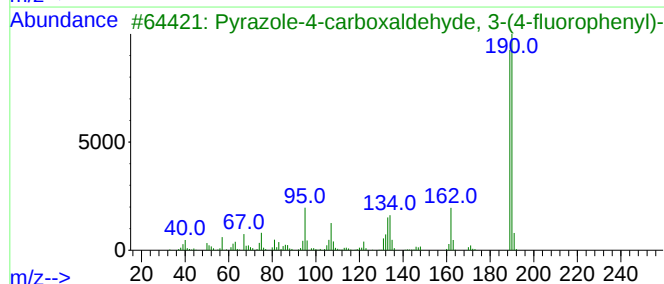
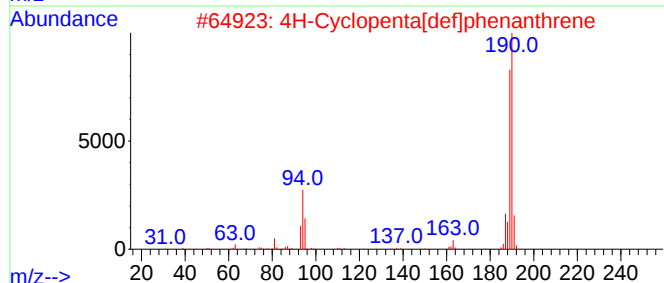
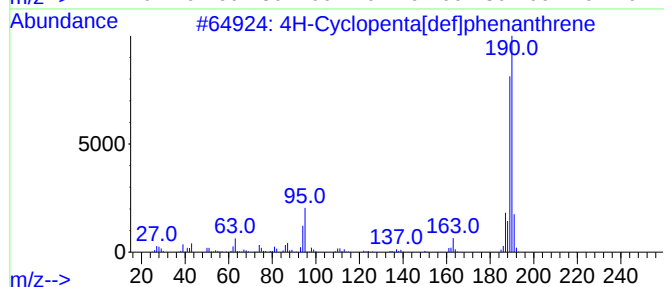
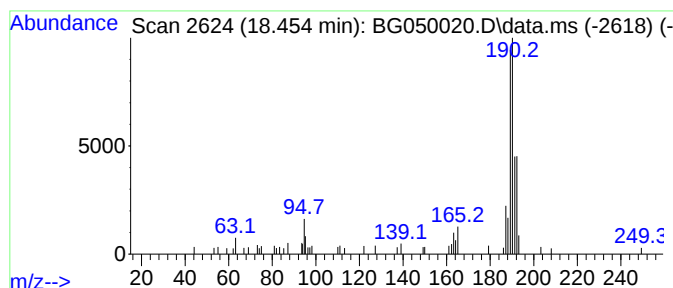
Instrument :
BNA_G
ClientSampleId :
C0AW3

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 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.454	2.44 ng/ul	54896	Phenanthrene-d10	17.379	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050020.D
Acq On : 28 Aug 2021 7:22
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

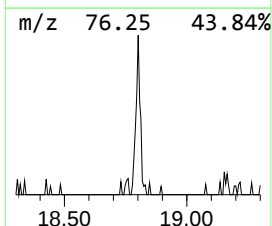
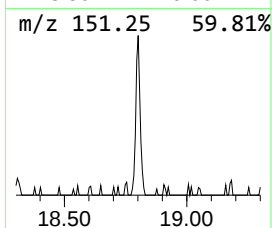
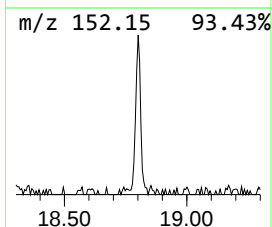
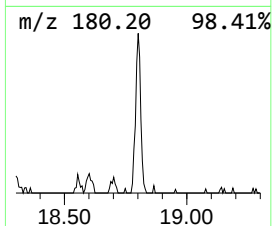
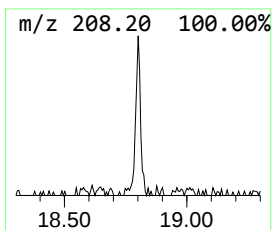
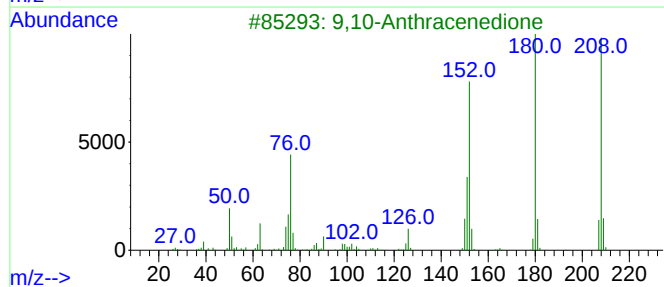
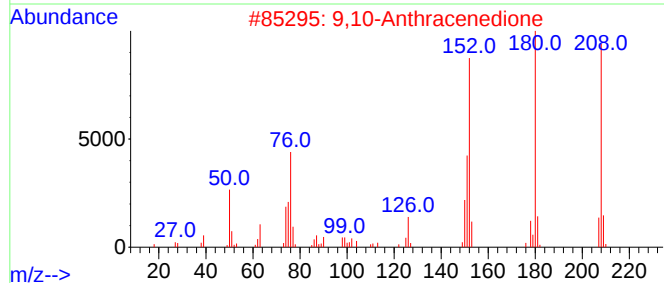
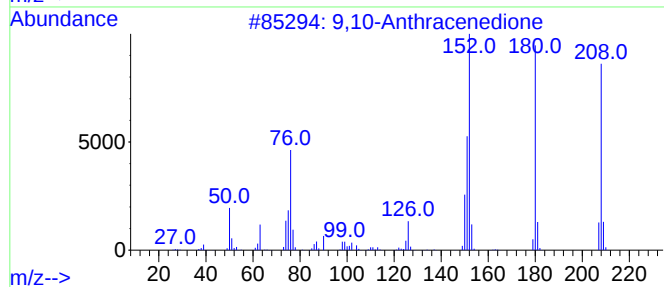
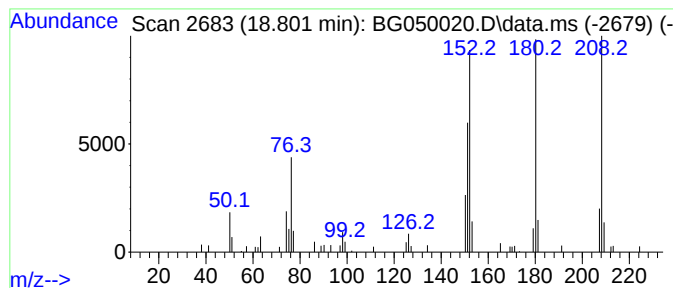
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.801	2.93 ng/ul	65835	Phenanthrene-d10	17.379

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050020.D
Acq On : 28 Aug 2021 7:22
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 21 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
1H-Indene, 1-ph...	18.307	2.4	ng/ul	54447	4	17.379	450005	20.0
4H-Cyclopenta[d...	18.454	2.4	ng/ul	54896	4	17.379	450005	20.0
9,10-Anthracene...	18.801	2.9	ng/ul	65835	4	17.379	450005	20.0