LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061963.D
Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CF4DL

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-BG070224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.019	120	124	129	rBV4	6692	10528	0.62%	0.054%
2	5.158	314	318	323	rBV4	7418	8787	0.52%	0.045%
3	7.244	667	673	680	rVB2	45985	80471	4.73%	0.411%
4	7.415	695	702	711	rVB3	29664	55431	3.26%	0.283%
5	7.620	728	737	743	rVV3	40271	70694	4.16%	0.361%
6	8.096	811	818	825	rVB	138505	238653	14.03%	1.220%
7	8.789	929	936	942	rBV4	52778	92060	5.41%	0.471%
8	9.259	1006	1016	1021	rBV2	42864	80901	4.76%	0.414%
9	9.395	1034	1039	1042	rBV	3482	6502	0.38%	0.033%
10	9.806	1103	1109	1113	rBV4	7201	11743	0.69%	0.060%
11	9.976	1132	1138	1144	rBV3	40425	75328	4.43%	0.385%
12	10.223	1175	1180	1183	rBV2	3395	6306	0.37%	0.032%
13	10.523	1221	1231	1237	rBV2	59887	106105	6.24%	0.542%
14	10.905	1290	1296	1302	rBV	230657	413915	24.33%	2.116%
15	11.034	1311	1318	1327	rBV4	13573	28560	1.68%	0.146%
16	11.627	1415	1419	1425	rVB5	7297	12761	0.75%	0.065%
17	12.550	1574	1576	1581	rVB4	10256	14065	0.83%	0.072%
18	12.773	1610	1614	1619	rVB2	11212	15645	0.92%	0.080%
19	13.525	1740	1742	1752	rVB6	5354	10352	0.61%	0.053%
20	13.895	1796	1805	1808	rBV6	15323	30661	1.80%	0.157%
21	14.036	1823	1829	1834	rBV2	33993	55089	3.24%	0.282%
22	14.113	1834	1842	1848	rVB	126104	197380	11.60%	1.009%
23	14.271	1864	1869	1872	rBV3	20001	30276	1.78%	0.155%
24	14.406	1885	1892	1904	rBV2	113801	214611	12.62%	1.097%
25	14.594	1920	1924	1928	rVB2	7411	10240	0.60%	0.052%
26	14.712	1935	1944	1951	rBV2	410755	660099	38.81%	3.374%
27	14.782	1951	1956	1962	rVB4	18773	33285	1.96%	0.170%
28	14.906	1971	1977	1989	rVB6	51037	105637	6.21%	0.540%
29	14.994	1989	1992	1993	rBV2	5630	6296	0.37%	0.032%
30	15.106	2006	2011	2017	rVB4	38523	63870	3.75%	0.327%
31	15.182	2020	2024	2029	rVV2	31228	46675	2.74%	0.239%
32	15.329	2043	2049	2053	rVV4	21371	37300	2.19%	0.191%
33	15.382	2053	2058	2061	rVV3	20612	27704	1.63%	0.142%
34	15.499	2072	2078	2080	rBV4	19948	36715	2.16%	0.188%
35	15.628	2095	2100	2102	rBV3	13004	14526	0.85%	0.074%
36	15.699	2104	2112	2117	rVV	156845	261640	15.38%	1.338%

LSC Area Percent Report

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Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CF4DL

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-BG070224.MA.M
Title : SVOA CALIBRATION

37	15.758	2117	2122	2127	rVV2	63010	100775	5.92%	0.515%
38	15.816	2127	2132	2138	rVV3	47811	70088	4.12%	0.358%
39	15.881	2140	2143	2145	rVB4	9307	11165	0.66%	0.057%
40	16.046	2164	2171	2179	rVB3	26552	54550	3.21%	0.279%
41	16.198	2192	2197	2204	rVB3	27558	54030	3.18%	0.276%
42	16.422	2227	2235	2242	rVV7	32164	75504	4.44%	0.386%
43	16.557	2255	2258	2262	rVB5	10041	14050	0.83%	0.072%
44	16.756	2285	2292	2296	rBV2	38604	72444	4.26%	0.370%
45	16.809	2297	2301	2306	rVB4	25437	41138	2.42%	0.210%
46	16.862	2306	2310	2312	rBV4	6243	8737	0.51%	0.045%
47	16.909	2314	2318	2322	rVB3	27076	35087	2.06%	0.179%
48	16.980	2322	2330	2335	rBV7	28210	65253	3.84%	0.334%
49	17.021	2335	2337	2346	rVB6	26380	46881	2.76%	0.240%
50	17.109	2348	2352	2357	rVV3	40748	71267	4.19%	0.364%
51	17.191	2361	2366	2370	rVV5	32518	60240	3.54%	0.308%
52	17.238	2372	2374	2375	rVV2	9845	8554	0.50%	0.044%
53	17.274	2376	2380	2387	rVB	55133	82824	4.87%	0.423%
54	17.456	2404	2411	2415	rBV	533941	860948	50.61%	4.401%
55	17.497	2415	2418	2424	rVV	741208	1099961	64.66%	5.623%
56	17.556	2424	2428	2431	rVV	169530	258640	15.20%	1.322%
57	17.591	2431	2434	2438	rVB	82296	111177	6.54%	0.568%
58	17.726	2453	2457	2459	rBV5	12286	17894	1.05%	0.091%
59	17.855	2477	2479	2481	rBV3	11586	8340	0.49%	0.043%
60	17.973	2495	2499	2503	rBV	35574	50028	2.94%	0.256%
61	18.037	2505	2510	2516	rVB2	58119	100773	5.92%	0.515%
62	18.137	2524	2527	2528	rBV3	10566	8645	0.51%	0.044%
63	18.178	2531	2534	2540	rVB3	25599	42907	2.52%	0.219%
64	18.249	2542	2546	2551	rBV4	22272	37012	2.18%	0.189%
65	18.331	2554	2560	2564	rBV	224055	337156	19.82%	1.724%
66	18.378	2564	2568	2575	rVB	264360	376107	22.11%	1.923%
67	18.460	2577	2582	2586	rVB	48884	71556	4.21%	0.366%
68	18.519	2586	2592	2596	rBV3	271384	518608	30.49%	2.651%
69	18.560	2596	2599	2605	rVB2	155500	225427	13.25%	1.152%
70	18.619	2607	2609	2611	rBV3	12676	14825	0.87%	0.076%
71	18.678	2615	2619	2622	rBV3	22829	37730	2.22%	0.193%
72	18.825	2639	2644	2647	rBV	115137	162581	9.56%	0.831%
73	18.866	2647	2651	2656	rVB3	49127	76036	4.47%	0.389%
74	18.942	2662	2664	2667	rBV2	12645	13057	0.77%	0.067%
75	19.066	2682	2685	2689	rVB3	46026	56518	3.32%	0.289%
76	19.113	2690	2693	2697	rVB2	38534	46891	2.76%	0.240%

LSC Area Percent Report

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Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Title : SVOA CALIBRATION

77	19.154	2698	2700	2704	rVB3	37458	39448	2.32%	0.202%
78	19.236	2708	2714	2719	rBV2	150451	287498	16.90%	1.470%
79	19.295	2719	2724	2727	rBV4	56521	98482	5.79%	0.503%
80	19.377	2733	2738	2748	rBV3	124684	245075	14.41%	1.253%
81	19.500	2753	2759	2765	rVV	1176133	1678484	98.67%	8.580%
82	19.559	2765	2769	2772	rVV3	37553	51556	3.03%	0.264%
83	19.594	2772	2775	2780	rVB4	57964	67950	3.99%	0.347%
84	19.829	2810	2815	2817	rBV3	299850	441336	25.94%	2.256%
85	19.865	2817	2821	2828	rVV	990258	1433893	84.29%	7.330%
86	19.929	2828	2832	2838	rVB2	66451	105895	6.23%	0.541%
87	20.182	2869	2875	2883	rBV4	114423	285377	16.78%	1.459%
88	20.346	2893	2903	2908	rVB	168336	407483	23.95%	2.083%
89	20.446	2916	2920	2924	rBV	84076	117666	6.92%	0.602%
90	20.505	2927	2930	2934	rVB2	140638	199962	11.76%	1.022%
91	20.646	2950	2954	2957	rBV2	99966	139719	8.21%	0.714%
92	20.693	2959	2962	2965	rVB	100552	127229	7.48%	0.650%
93	21.110	3029	3033	3041	rVB	109610	173979	10.23%	0.889%
94	21.339	3068	3072	3077	rBV2	100130	170735	10.04%	0.873%
95	21.439	3086	3089	3097	rVB2	108612	193644	11.38%	0.990%
96	21.710	3128	3135	3140	rBV3	650274	1701058	100.00%	8.696%
97	21.762	3141	3144	3157	rVB	460634	759319	44.64%	3.882%
98	23.919	3504	3511	3520	rBV2	282778	964202	56.68%	4.929%
99	24.794	3657	3660	3674	rVB2	150915	376769	22.15%	1.926%
100	24.959	3679	3688	3697	rVV	318980	918861	54.02%	4.697%

Sum of corrected areas: 19561835

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
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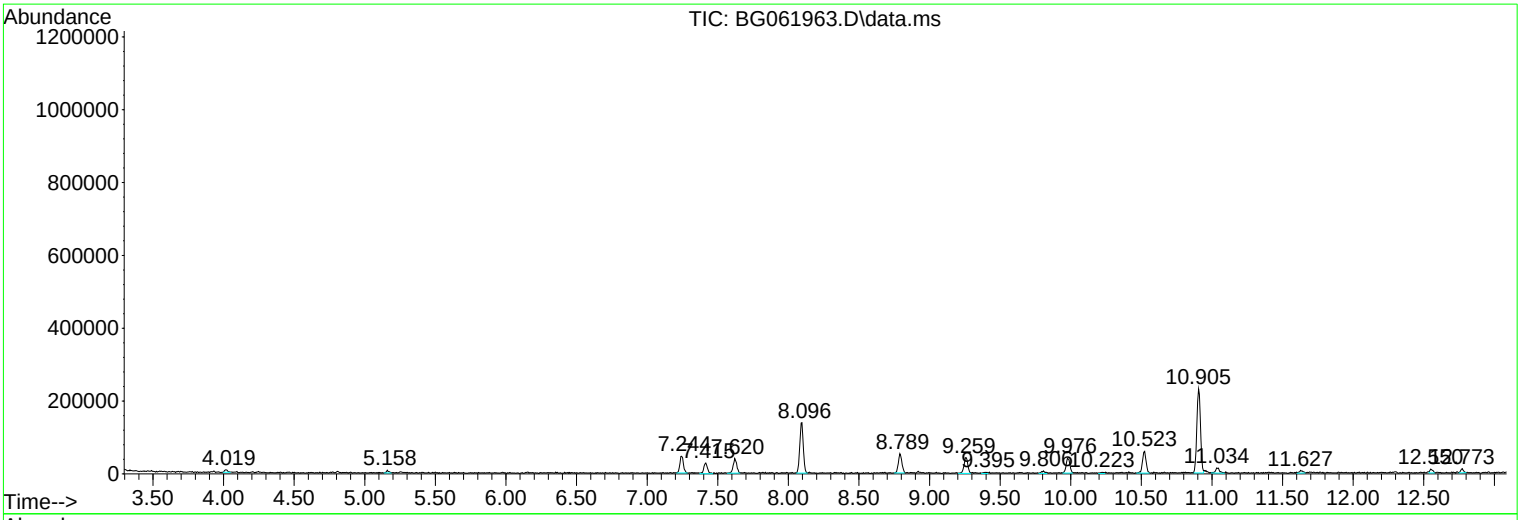
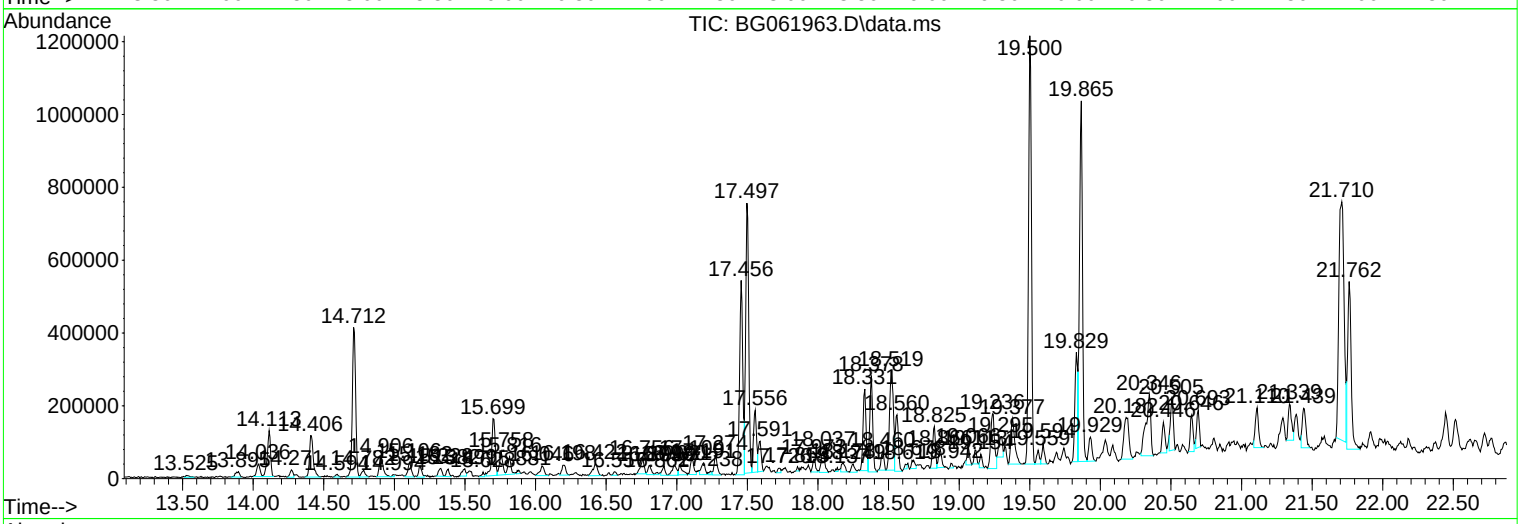
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

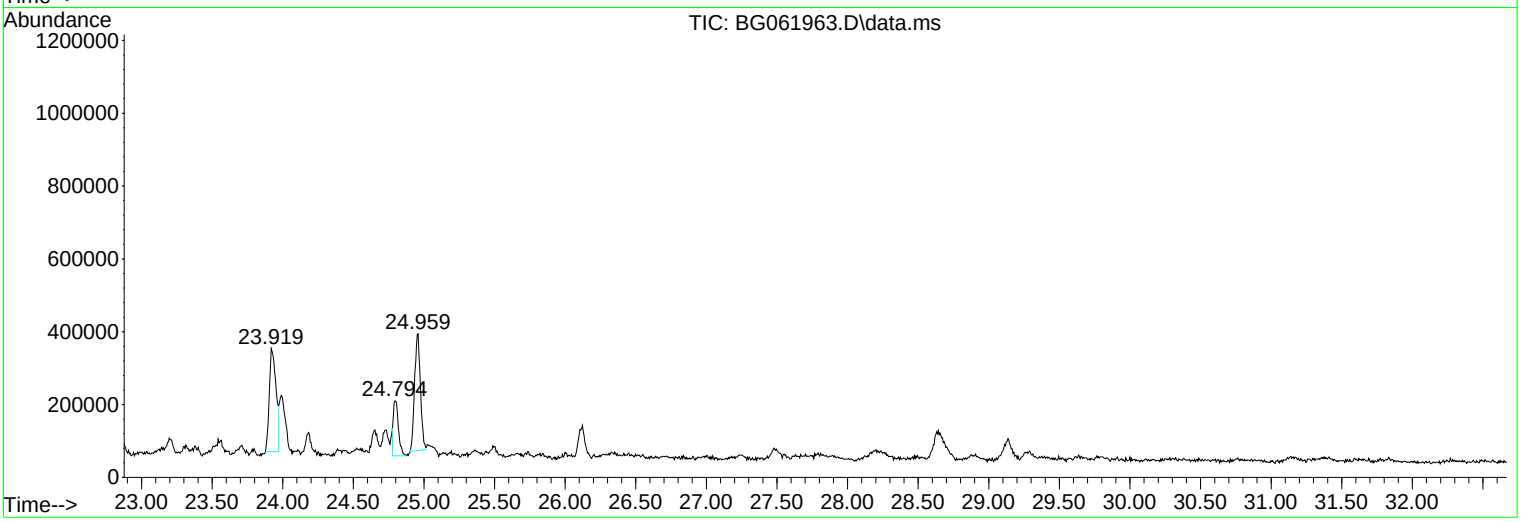
Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061963.D
Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

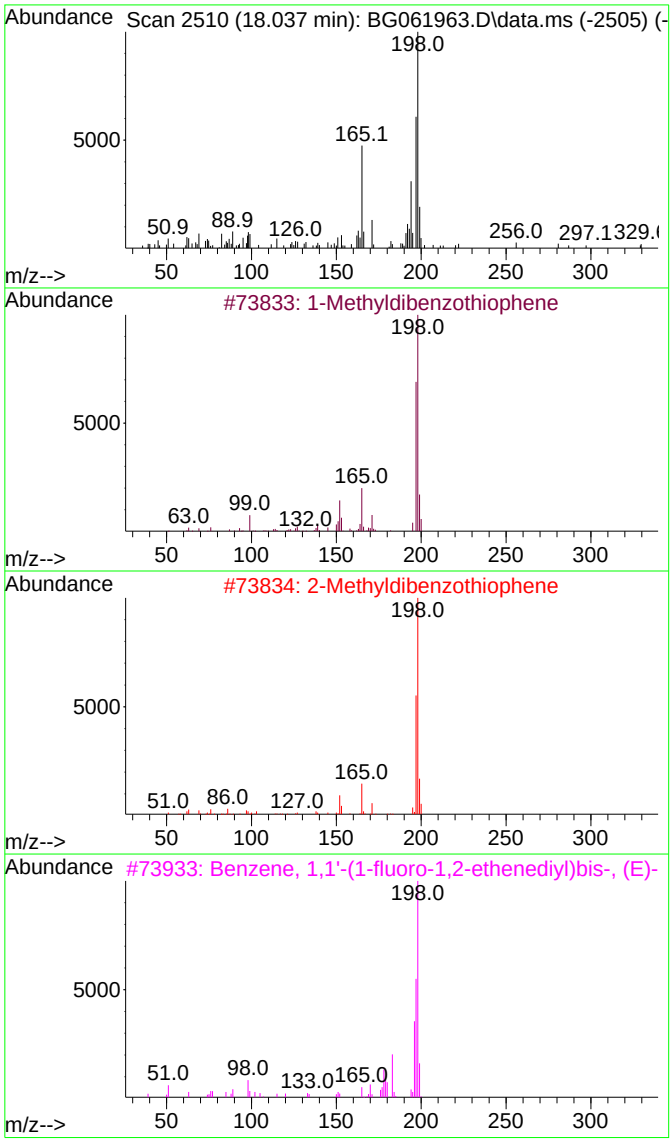
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

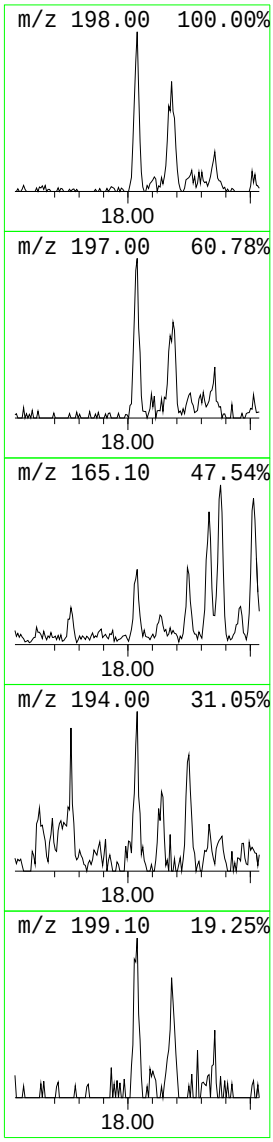
****

Peak Number 1 1-Methyldibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.037	2.34 ng/ul	100773	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	62
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	50
4	Thioxanthene	198	C13H10S	000261-31-4	49
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061963.D
Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

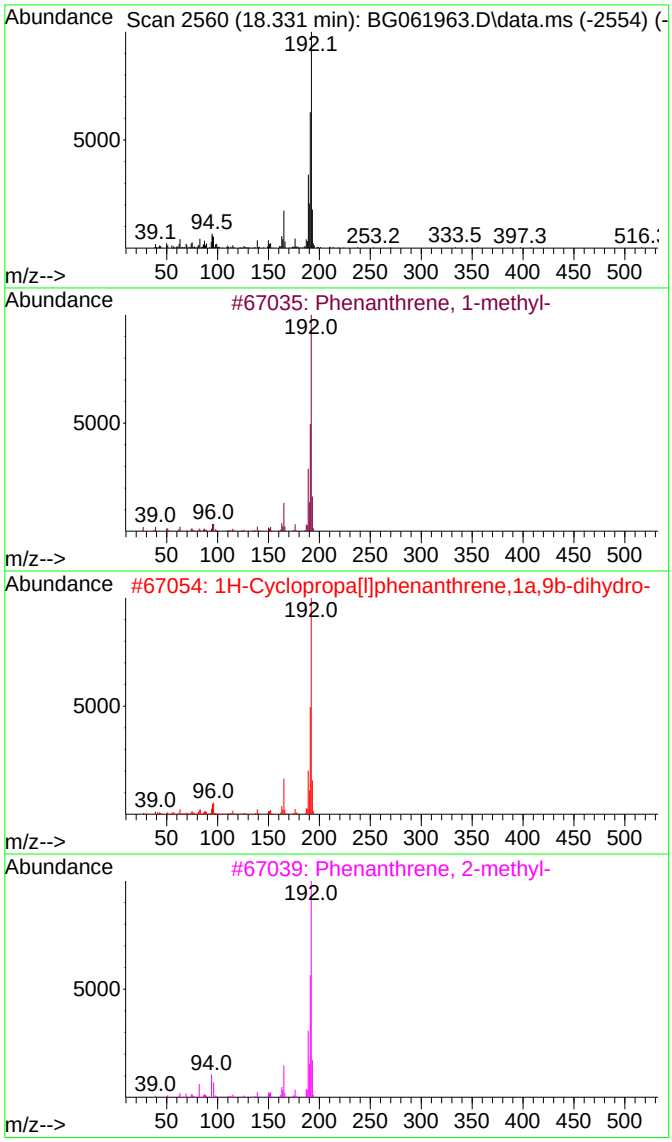
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

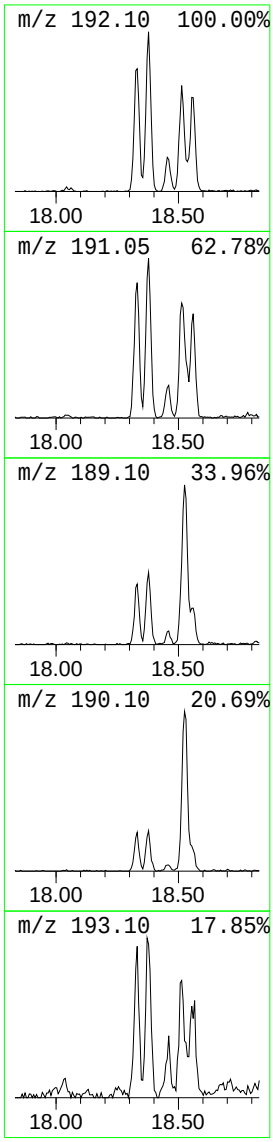
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.331	7.83 ng/ul	337156	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
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Operator : MA/JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

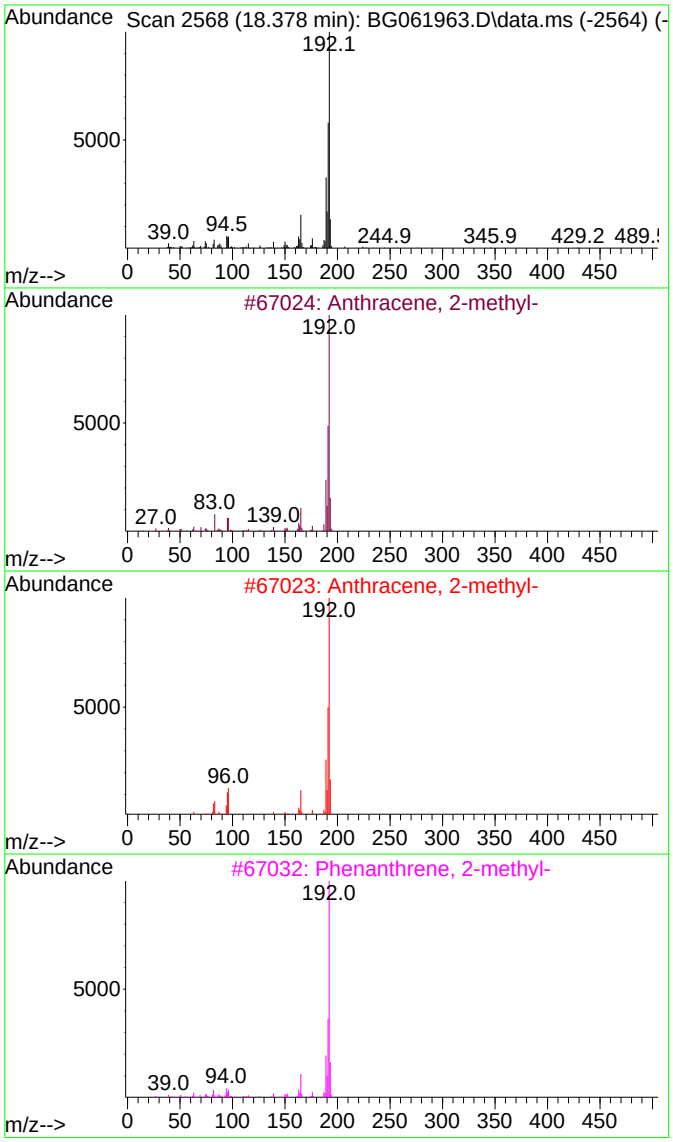
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

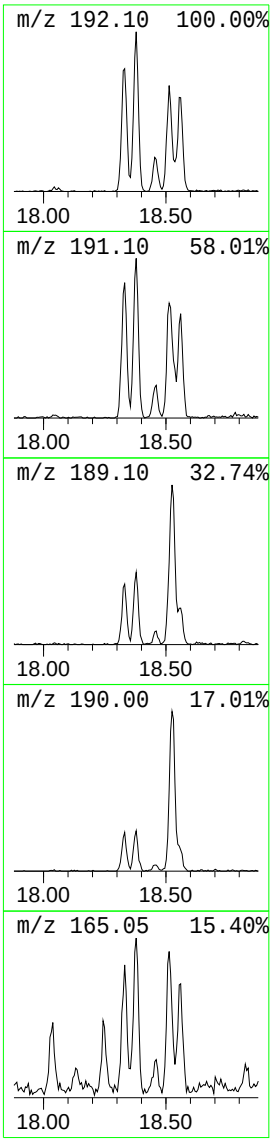
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.378	8.74 ng/ul	376107	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061963.D
Acq On : 9 Jul 2024 5:40
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Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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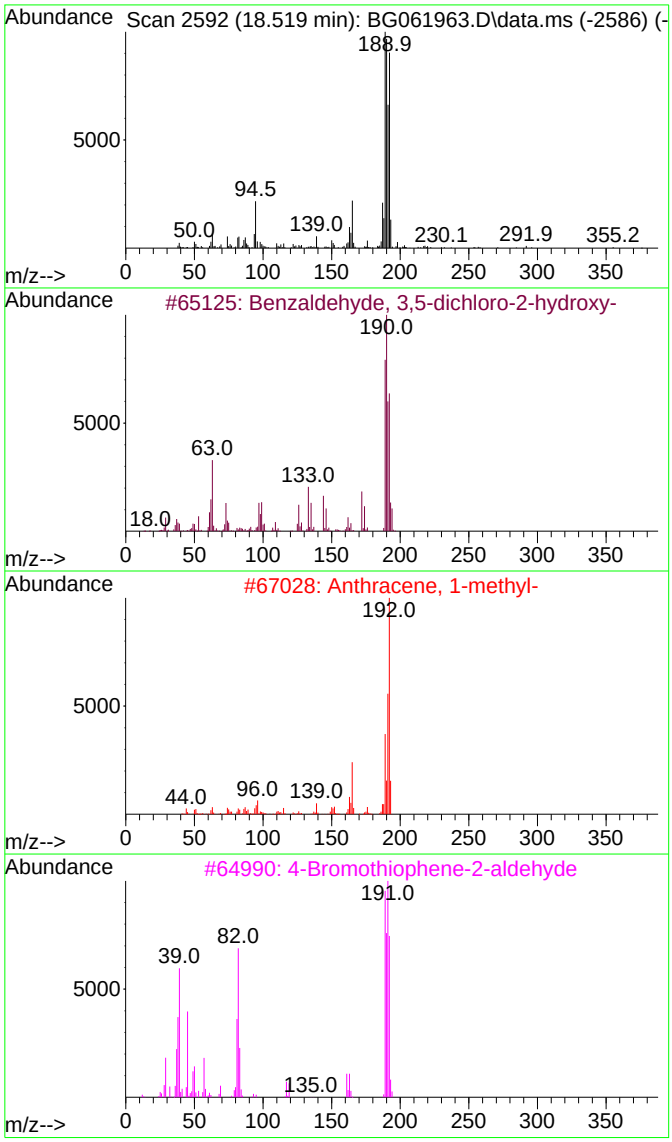
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

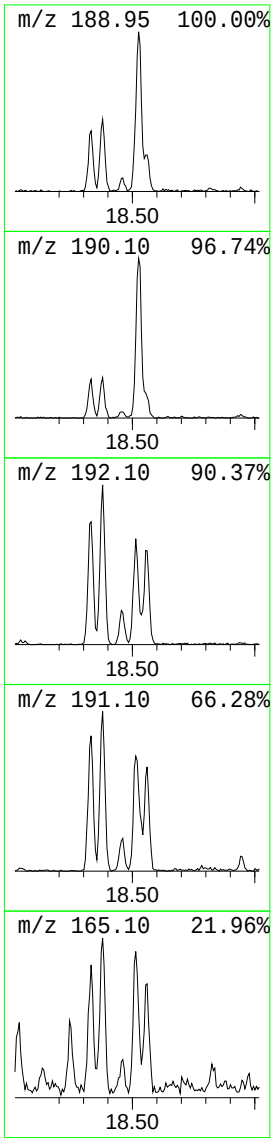
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.519	12.05 ng/ul	518608	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061963.D
Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

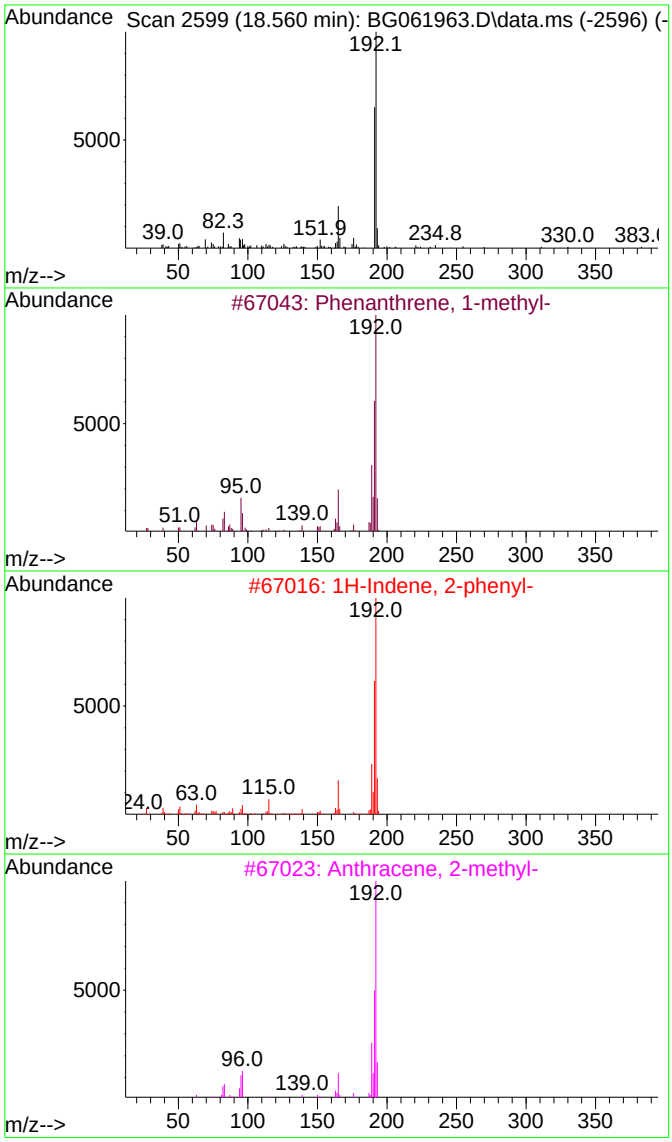
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

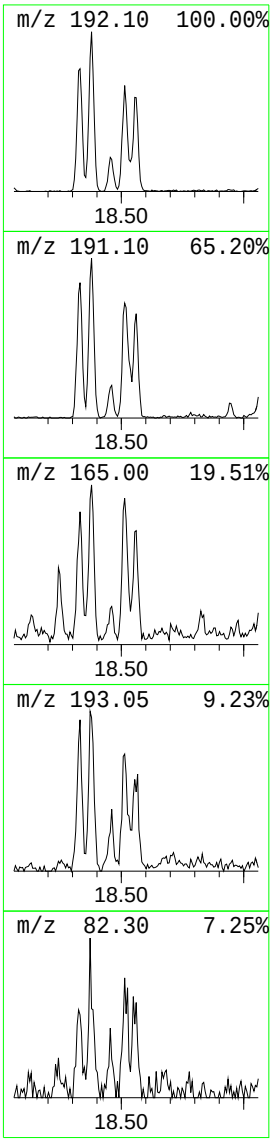
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	5.24 ng/ul	225427	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78





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Data File : BG061963.D
Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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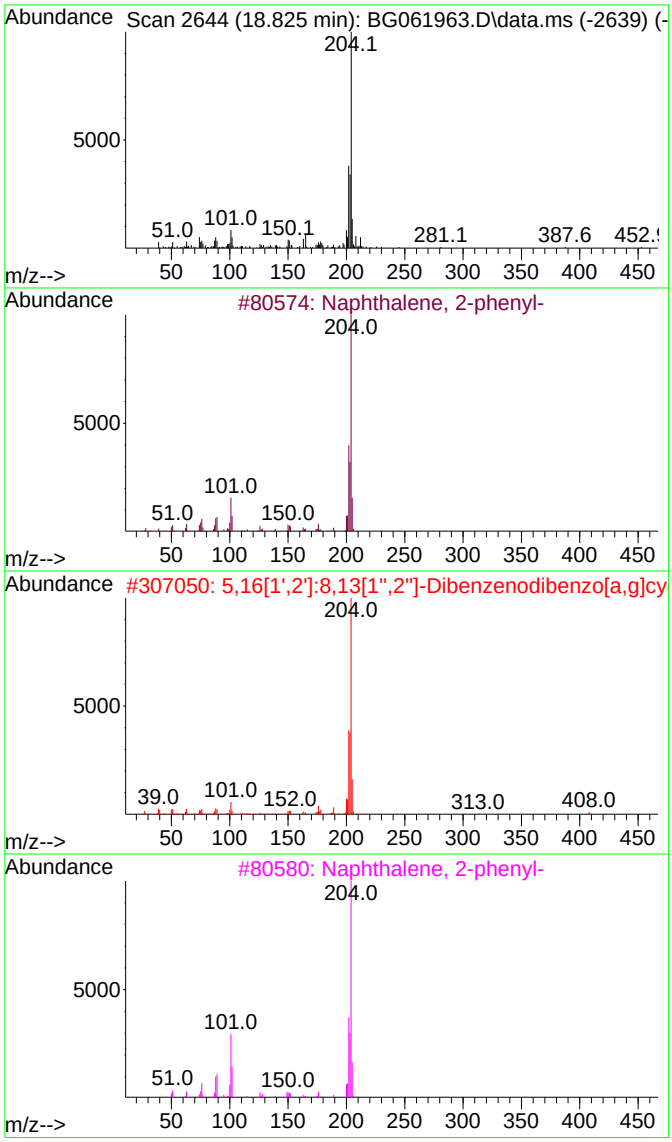
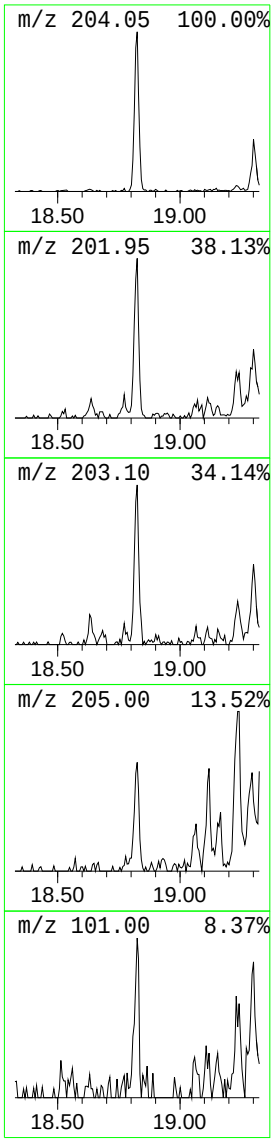
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.825	3.78 ng/ul	162581	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52





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Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

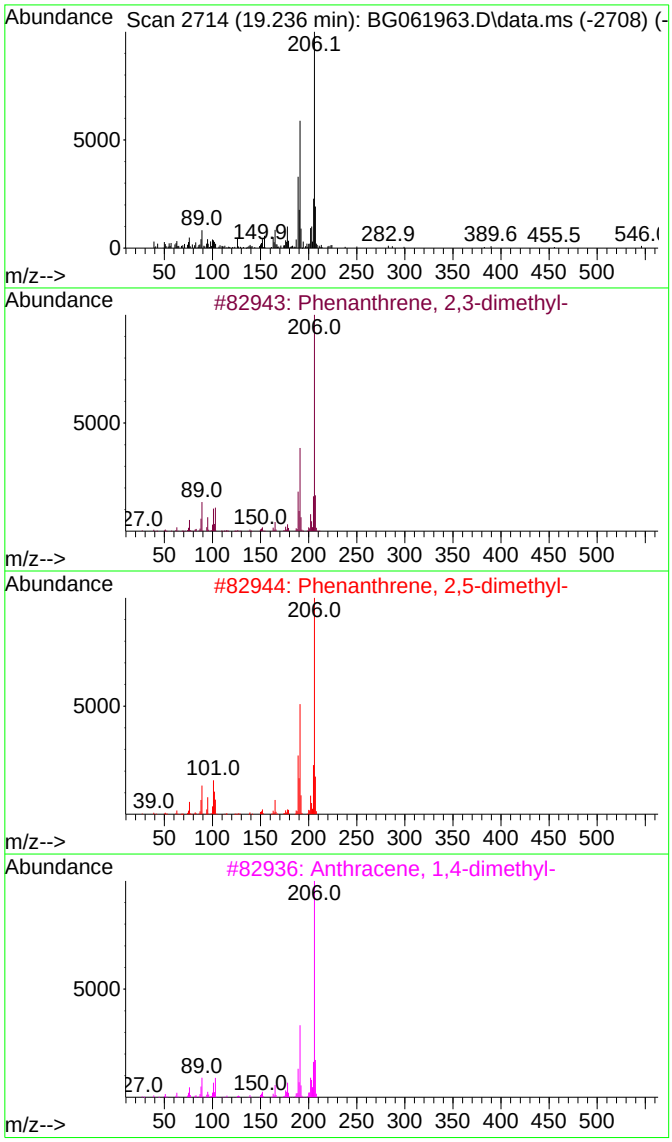
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

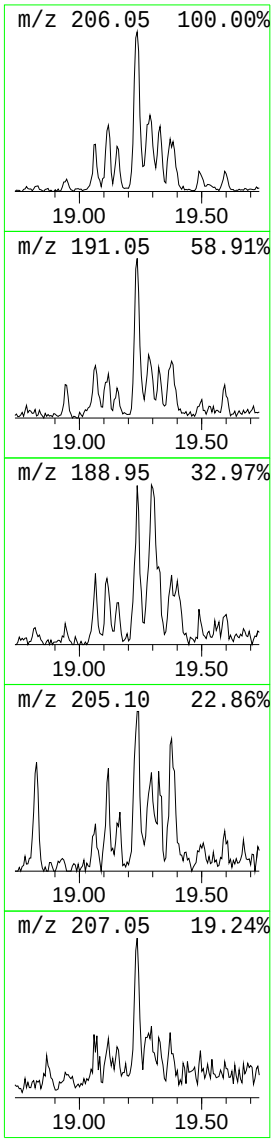
****

Peak Number 7 Phenanthrene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.236	6.68 ng/ul	287498	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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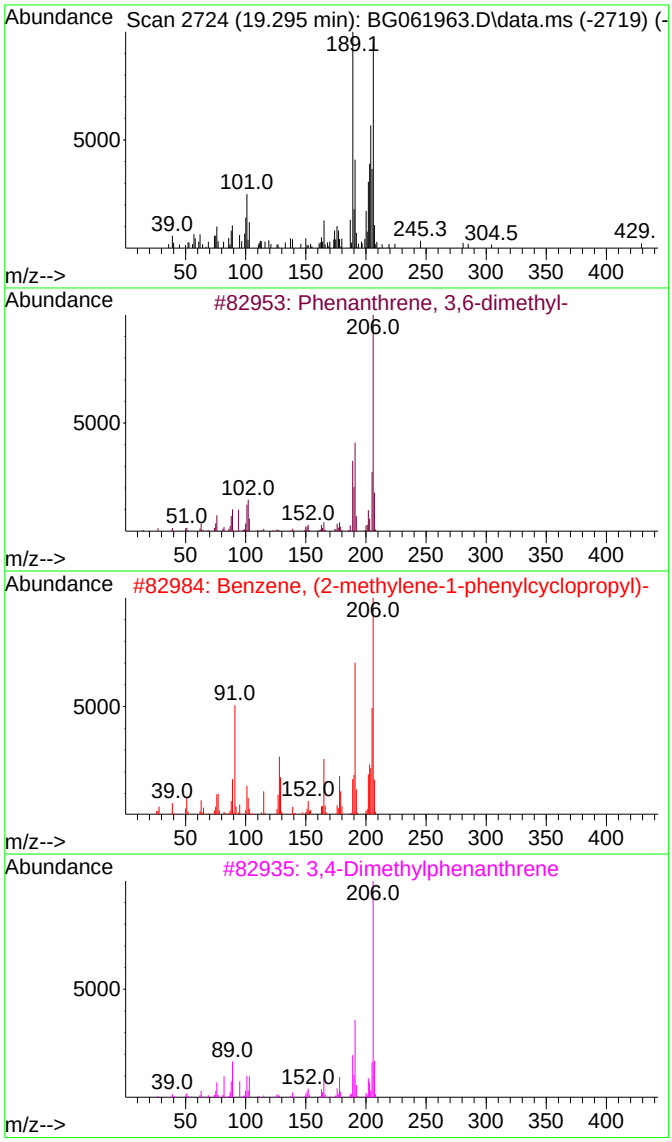
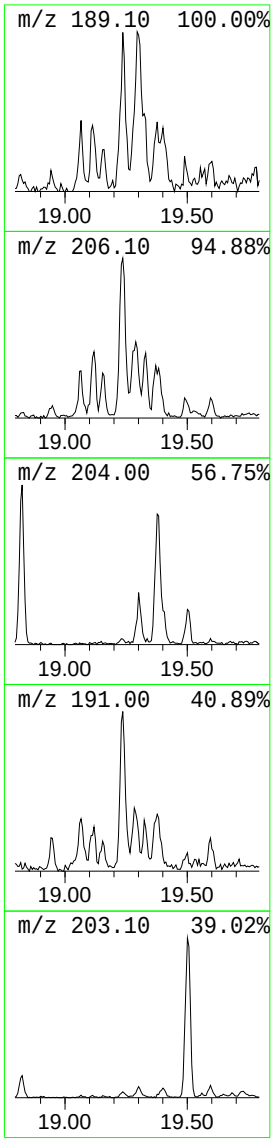
Peak Number 8 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.295	2.29 ng/ul	98482	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	42
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	41
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38





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Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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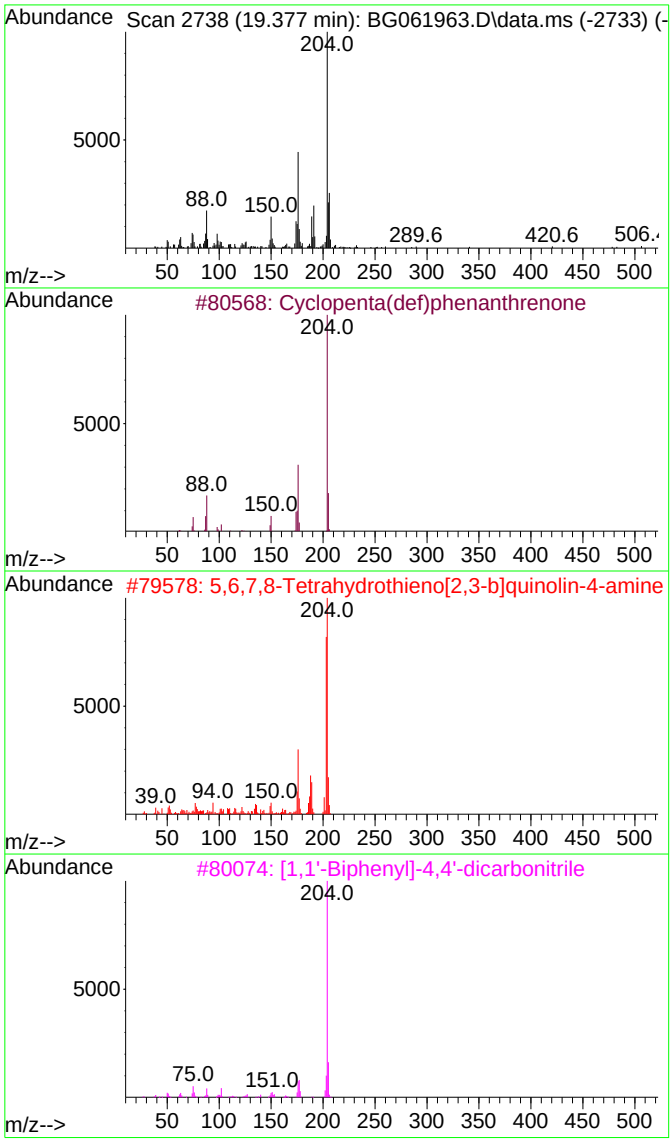
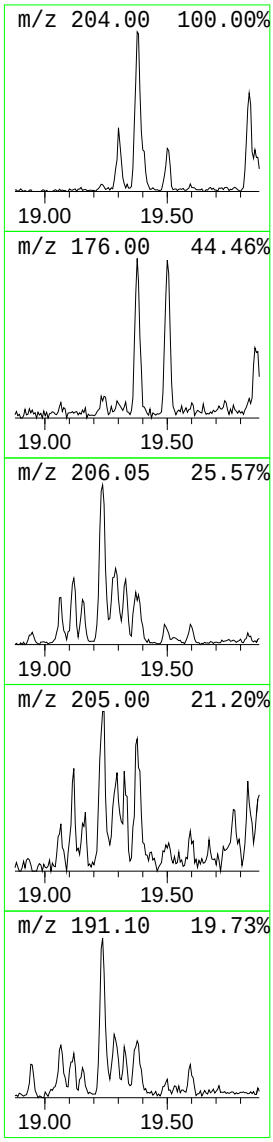
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.377	5.69 ng/ul	245075	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	4-Hydroxy-3-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-2	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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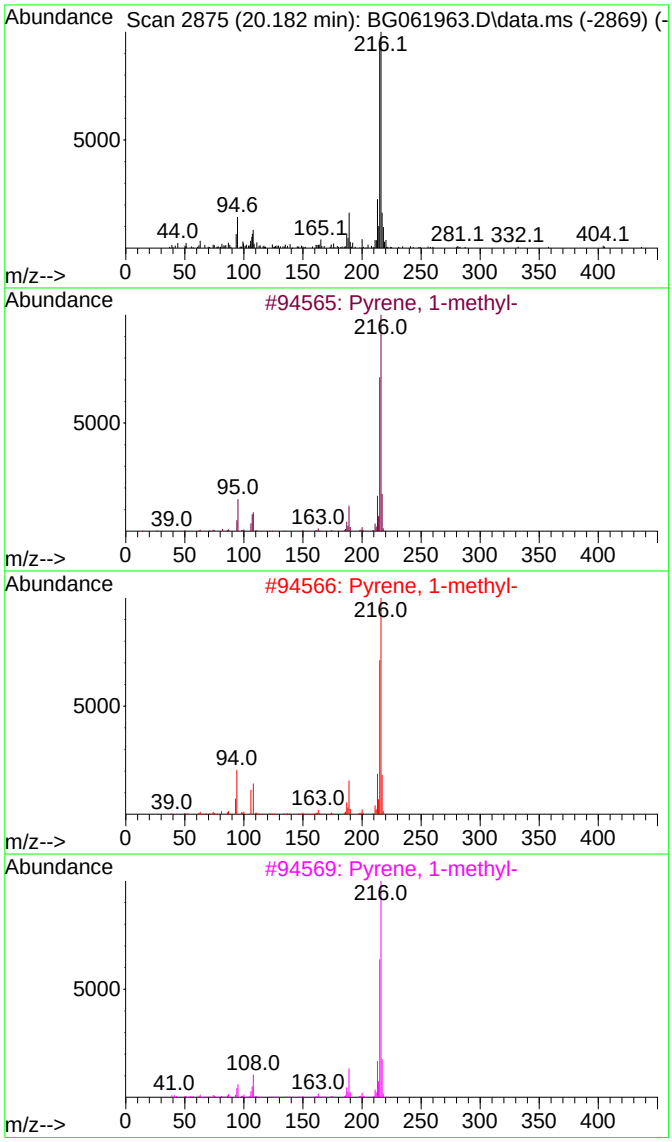
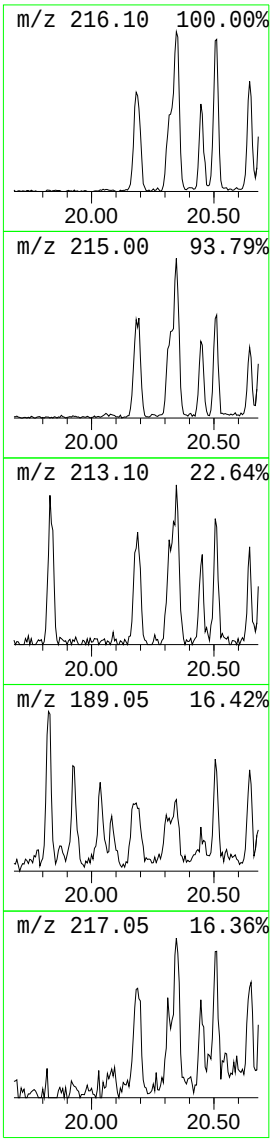
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.182	3.36 ng/ul	285377	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76





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Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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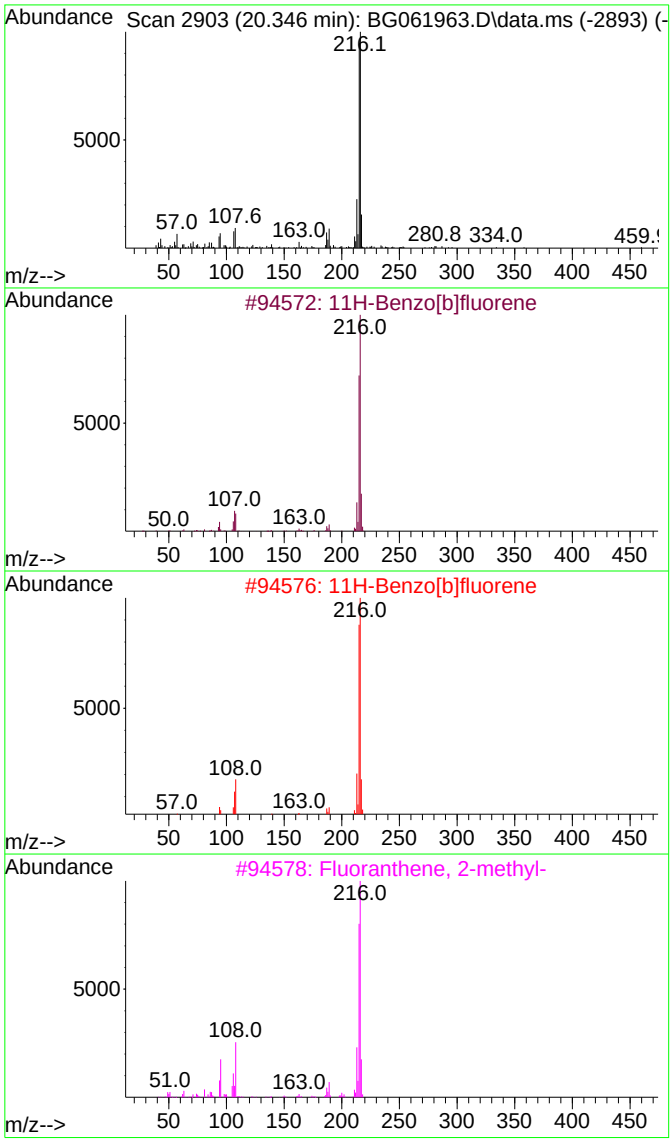
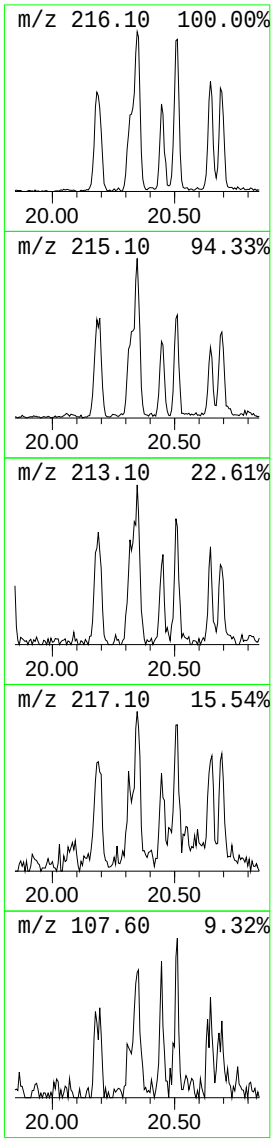
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.346	4.79 ng/ul	407483	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 12 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.505	2.35 ng/ul	199962	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
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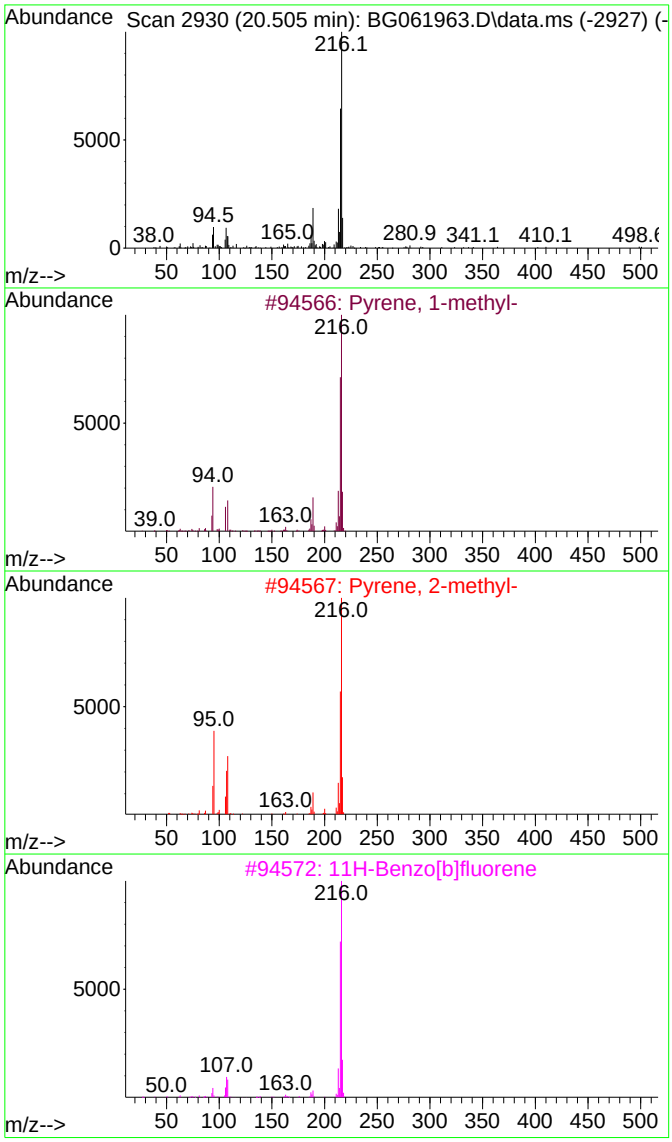

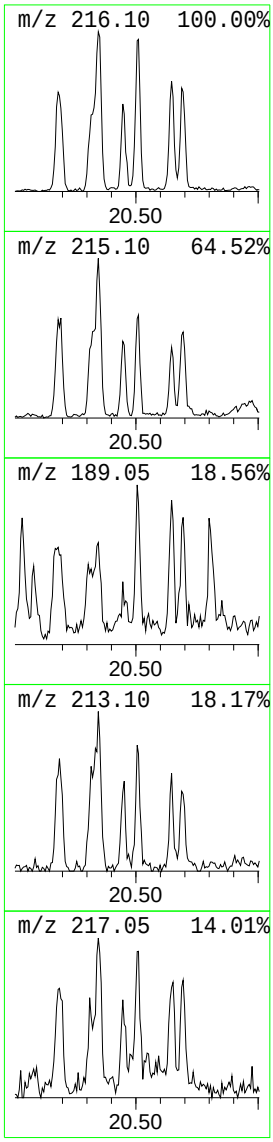

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Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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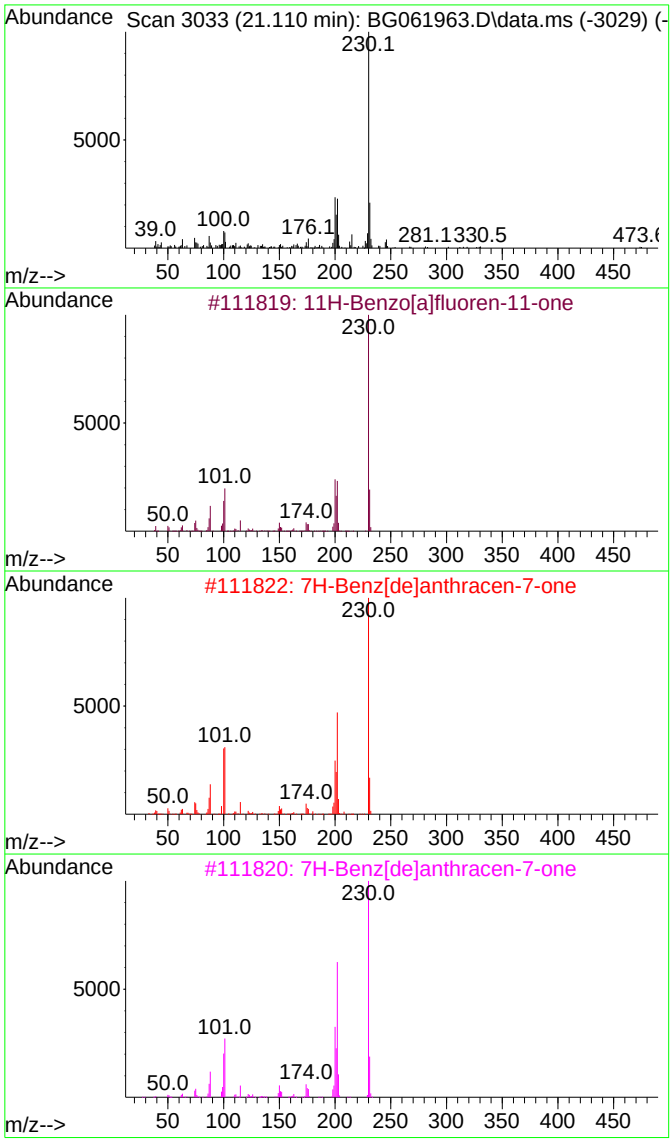
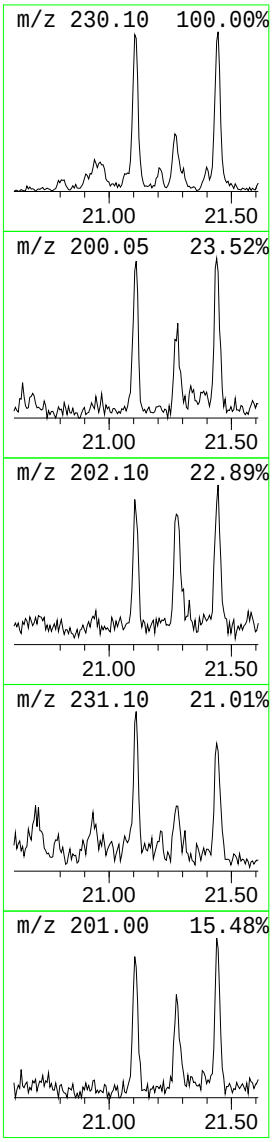
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	2.05 ng/ul	173979	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76





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Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

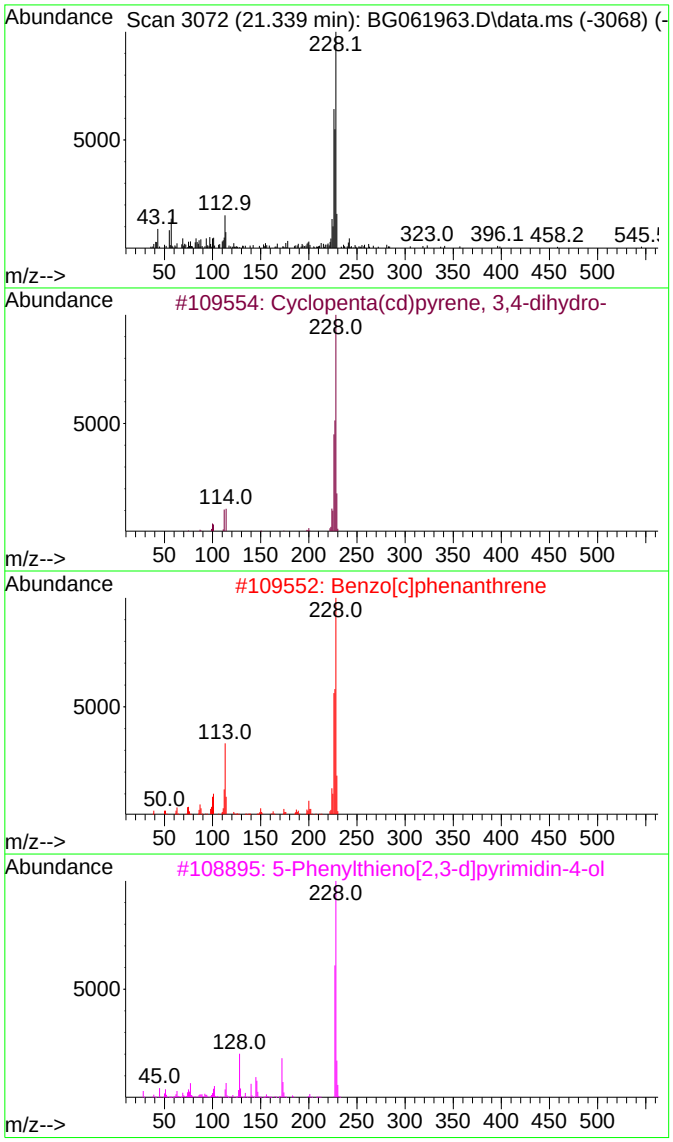
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

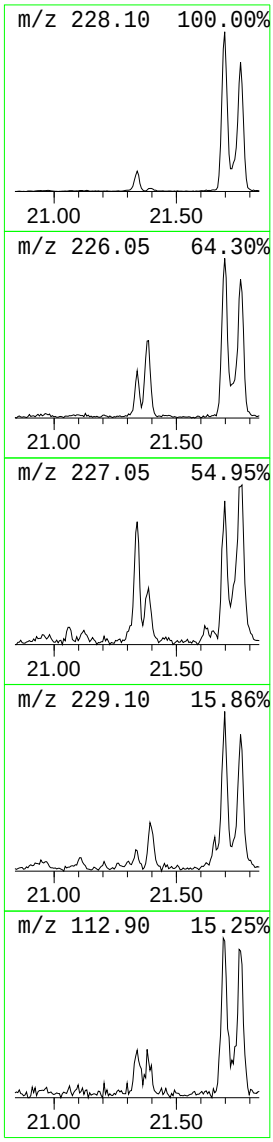
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.01 ng/ul	170735	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50





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Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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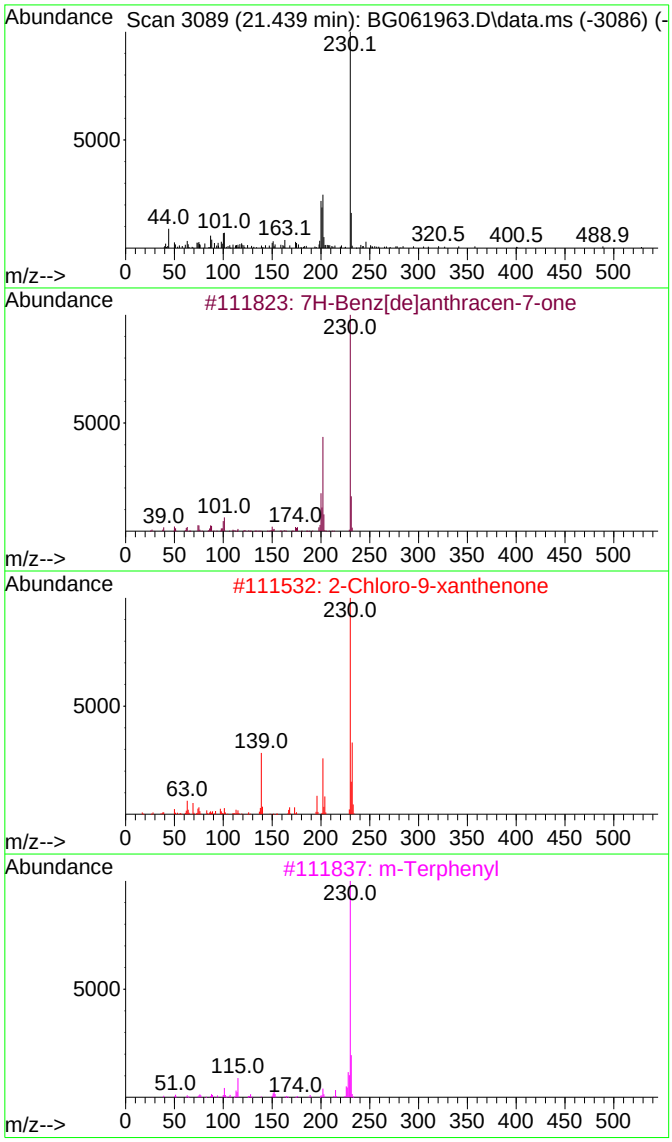
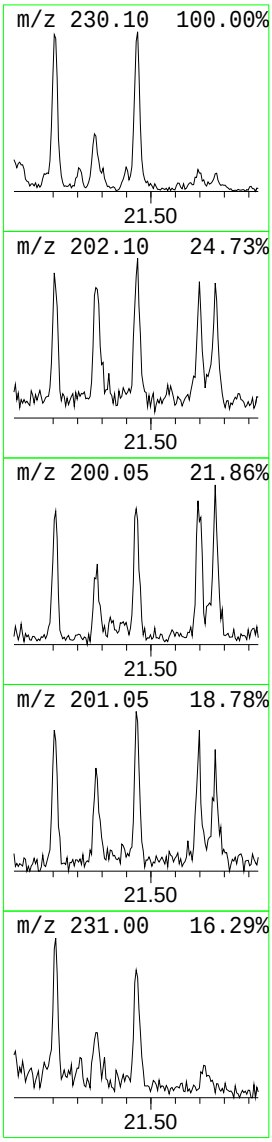
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.439	2.28 ng/ul	193644	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
2	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	53
3	m-Terphenyl	230	C18H14	000092-06-8	47
4	Benzo(a)phenazine	230	C16H10N2	000225-61-6	47
5	5-(Pent-3-en-1-yn-1-yl)-2,2'-bit...	230	C13H10S2	129050-92-6	47





Tentatively Identified Compound (LSC) summary

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Data File : BG061963.D
Acq On : 9 Jul 2024 5:40
Operator : MA/JU
Sample : P2982-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Methyldibenzo...	18.037	2.3	ng/ul	100773	4	17.456	860948	20.0
Phenanthrene, 1...	18.331	7.8	ng/ul	337156	4	17.456	860948	20.0
Anthracene, 2-m...	18.378	8.7	ng/ul	376107	4	17.456	860948	20.0
Benzaldehyde, 3...	18.519	12.1	ng/ul	518608	4	17.456	860948	20.0
1H-Indene, 2-ph...	18.560	5.2	ng/ul	225427	4	17.456	860948	20.0
Naphthalene, 2-...	18.825	3.8	ng/ul	162581	4	17.456	860948	20.0
Phenanthrene, 2...	19.236	6.7	ng/ul	287498	4	17.456	860948	20.0
unknown-01	19.295	2.3	ng/ul	98482	4	17.456	860948	20.0
Cyclopenta(def)...	19.377	5.7	ng/ul	245075	4	17.456	860948	20.0
Pyrene, 1-methyl-	20.182	3.4	ng/ul	285377	5	21.715	1701060	20.0
11H-Benzo[b]flu...	20.346	4.8	ng/ul	407483	5	21.715	1701060	20.0
Pyrene, 2-methyl-	20.505	2.4	ng/ul	199962	5	21.715	1701060	20.0
11H-Benzo[a]flu...	21.110	2.0	ng/ul	173979	5	21.715	1701060	20.0
Cyclopenta(cd)p...	21.339	2.0	ng/ul	170735	5	21.715	1701060	20.0
7H-Benz[de]anth...	21.439	2.3	ng/ul	193644	5	21.715	1701060	20.0