LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4C24

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-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061557.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.071	8	14	31	rVB	988349	1846719	100.00%	7.413%
2	3.741	123	128	139	rBV	33647	57993	3.14%	0.233%
3	7.060	688	693	704	rVB	100576	176984	9.58%	0.710%
4	7.201	708	717	725	rBV	63221	100176	5.42%	0.402%
5	7.413	744	753	759	rBV	99671	160984	8.72%	0.646%
6	7.871	824	831	838	rVB	108670	174401	9.44%	0.700%
7	8.594	948	954	962	rBV2	120110	203738	11.03%	0.818%
8	9.029	1021	1028	1035	rBV	96215	165971	8.99%	0.666%
9	9.751	1144	1151	1159	rBB	92560	156790	8.49%	0.629%
10	10.304	1238	1245	1255	rVB	129957	230983	12.51%	0.927%
11	10.668	1300	1307	1312	rBV	139297	241983	13.10%	0.971%
12	10.803	1325	1330	1341	rVB	57196	109514	5.93%	0.440%
13	13.835	1838	1846	1850	rBV2	23359	43970	2.38%	0.177%
14	13.917	1850	1860	1866	rVB	237967	360078	19.50%	1.445%
15	14.205	1902	1909	1919	rVB2	255135	400079	21.66%	1.606%
16	14.510	1952	1961	1967	rBV	237829	363664	19.69%	1.460%
17	14.575	1967	1972	1979	rVB	110601	169314	9.17%	0.680%
18	14.763	1998	2004	2010	rVV2	72849	139912	7.58%	0.562%
19	14.816	2010	2013	2018	rVV3	20531	34879	1.89%	0.140%
20	14.910	2018	2029	2037	rVV	72218	128933	6.98%	0.518%
21	15.509	2123	2131	2135	rBV	316163	490661	26.57%	1.970%
22	15.562	2135	2140	2150	rVB	119367	178489	9.67%	0.716%
23	15.656	2150	2156	2160	rBV	112872	177271	9.60%	0.712%
24	15.727	2164	2168	2172	rVB4	25557	37222	2.02%	0.149%
25	15.856	2186	2190	2198	rVB2	52018	84742	4.59%	0.340%
26	16.003	2210	2215	2223	rVB	59684	117100	6.34%	0.470%
27	16.150	2234	2240	2246	rVB	54304	79081	4.28%	0.317%
28	16.238	2250	2255	2261	rVB4	21970	36144	1.96%	0.145%
29	16.537	2300	2306	2309	rBV3	30906	59776	3.24%	0.240%
30	16.567	2309	2311	2316	rVB2	28567	34902	1.89%	0.140%
31	16.837	2353	2357	2360	rVB3	32707	39384	2.13%	0.158%
32	16.919	2367	2371	2377	rVB	60530	94322	5.11%	0.379%
33	16.996	2377	2384	2385	rBV2	46504	66029	3.58%	0.265%
34	17.084	2394	2399	2407	rVB	52119	84846	4.59%	0.341%
35	17.266	2424	2430	2433	rBV	297060	460690	24.95%	1.849%
36	17.307	2433	2437	2442	rVV	920852	1333763	72.22%	5.354%

LSC Area Percent Report

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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

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-BG052124.MA.M
Title : SVOA CALIBRATION

37	17.360	2442	2446	2450	rVV	387748	629595	34.09%	2.527%
38	17.395	2450	2452	2458	rVV	233300	308234	16.69%	1.237%
39	17.454	2458	2462	2467	rVB2	50164	82920	4.49%	0.333%
40	17.671	2489	2499	2509	rBV2	117844	288731	15.63%	1.159%
41	17.777	2514	2517	2521	rVV	25047	37904	2.05%	0.152%
42	17.854	2525	2530	2537	rVV8	30679	71019	3.85%	0.285%
43	18.141	2570	2579	2584	rBV2	152359	330442	17.89%	1.326%
44	18.194	2584	2588	2595	rVB	228478	347772	18.83%	1.396%
45	18.271	2595	2601	2606	rBV	101850	156488	8.47%	0.628%
46	18.341	2606	2613	2616	rBV4	203960	397269	21.51%	1.595%
47	18.371	2616	2618	2625	rVB	118455	168501	9.12%	0.676%
48	18.447	2625	2631	2635	rBV2	48407	78799	4.27%	0.316%
49	18.494	2635	2639	2642	rBV2	33156	45149	2.44%	0.181%
50	18.641	2659	2664	2668	rVV	102603	139382	7.55%	0.560%
51	18.688	2668	2672	2677	rVB	88202	117376	6.36%	0.471%
52	18.764	2682	2685	2692	rVB3	20156	38879	2.11%	0.156%
53	18.888	2702	2706	2710	rVB4	36231	46189	2.50%	0.185%
54	18.976	2717	2721	2725	rVB2	41973	57927	3.14%	0.233%
55	19.058	2729	2735	2742	rBV2	79731	197122	10.67%	0.791%
56	19.128	2744	2747	2749	rBV3	27862	31802	1.72%	0.128%
57	19.205	2755	2760	2768	rVB3	71763	159516	8.64%	0.640%
58	19.328	2774	2781	2787	rVV	1006110	1393314	75.45%	5.593%
59	19.422	2793	2797	2802	rBV2	50859	68182	3.69%	0.274%
60	19.528	2809	2815	2819	rBV4	36859	81481	4.41%	0.327%
61	19.657	2831	2837	2840	rBV2	655319	1057570	57.27%	4.245%
62	19.693	2840	2843	2850	rVV	715349	965484	52.28%	3.876%
63	19.757	2850	2854	2861	rVB2	89740	158194	8.57%	0.635%
64	19.863	2867	2872	2878	rBV	76452	127678	6.91%	0.513%
65	19.928	2878	2883	2889	rVB	61826	101244	5.48%	0.406%
66	20.010	2892	2897	2904	rBV3	91515	229933	12.45%	0.923%
67	20.145	2915	2920	2922	rVV4	69634	130685	7.08%	0.525%
68	20.180	2923	2926	2932	rVB2	180122	272209	14.74%	1.093%
69	20.280	2939	2943	2947	rBV	83942	116403	6.30%	0.467%
70	20.339	2947	2953	2957	rVV2	121291	245331	13.28%	0.985%
71	20.380	2957	2960	2964	rVV2	37320	46880	2.54%	0.188%
72	20.421	2964	2967	2971	rVB	39175	52461	2.84%	0.211%
73	20.480	2973	2977	2981	rBV	60187	89249	4.83%	0.358%
74	20.527	2981	2985	2989	rVB2	78031	109798	5.95%	0.441%
75	20.644	3003	3005	3009	rVB2	30684	31171	1.69%	0.125%
76	20.685	3009	3012	3016	rVB2	36600	46029	2.49%	0.185%

LSC Area Percent Report

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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

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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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

77	20.774	3024	3027	3030	rBV5	35597	53777	2.91%	0.216%
78	20.938	3051	3055	3062	rVB	130475	181806	9.84%	0.730%
79	21.114	3078	3085	3088	rBV3	98018	200821	10.87%	0.806%
80	21.156	3089	3092	3094	rBV	47509	65444	3.54%	0.263%
81	21.179	3094	3096	3098	rVV	33840	36543	1.98%	0.147%
82	21.267	3106	3111	3118	rVB2	132802	270248	14.63%	1.085%
83	21.473	3142	3146	3147	rBV2	38079	48280	2.61%	0.194%
84	21.514	3147	3153	3159	rVV3	591342	1478760	80.07%	5.936%
85	21.573	3159	3163	3175	rVB	431465	722728	39.14%	2.901%
86	21.714	3182	3187	3192	rBV2	61467	113499	6.15%	0.456%
87	22.231	3271	3275	3280	rVB	101614	173659	9.40%	0.697%
88	22.295	3281	3286	3296	rVV5	94970	243546	13.19%	0.978%
89	22.495	3316	3320	3324	rBV3	45904	81136	4.39%	0.326%
90	22.630	3338	3343	3349	rVB5	39825	91857	4.97%	0.369%
91	22.889	3383	3387	3392	rBV3	29481	49948	2.70%	0.200%
92	23.288	3451	3455	3463	rVB3	44317	89632	4.85%	0.360%
93	23.647	3509	3516	3523	rBV	230817	726734	39.35%	2.917%
94	23.711	3523	3527	3535	rVB2	231627	509250	27.58%	2.044%
95	23.894	3553	3558	3564	rVB	48995	103499	5.60%	0.415%
96	24.340	3628	3634	3639	rBV2	54960	148752	8.05%	0.597%
97	24.411	3640	3646	3653	rVV2	205484	563745	30.53%	2.263%
98	24.481	3653	3658	3669	rVB	146757	375466	20.33%	1.507%
99	24.622	3674	3682	3691	rBV	227157	621442	33.65%	2.495%
100	25.691	3856	3864	3873	rVB3	92982	265461	14.37%	1.066%

Sum of corrected areas: 24911832

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
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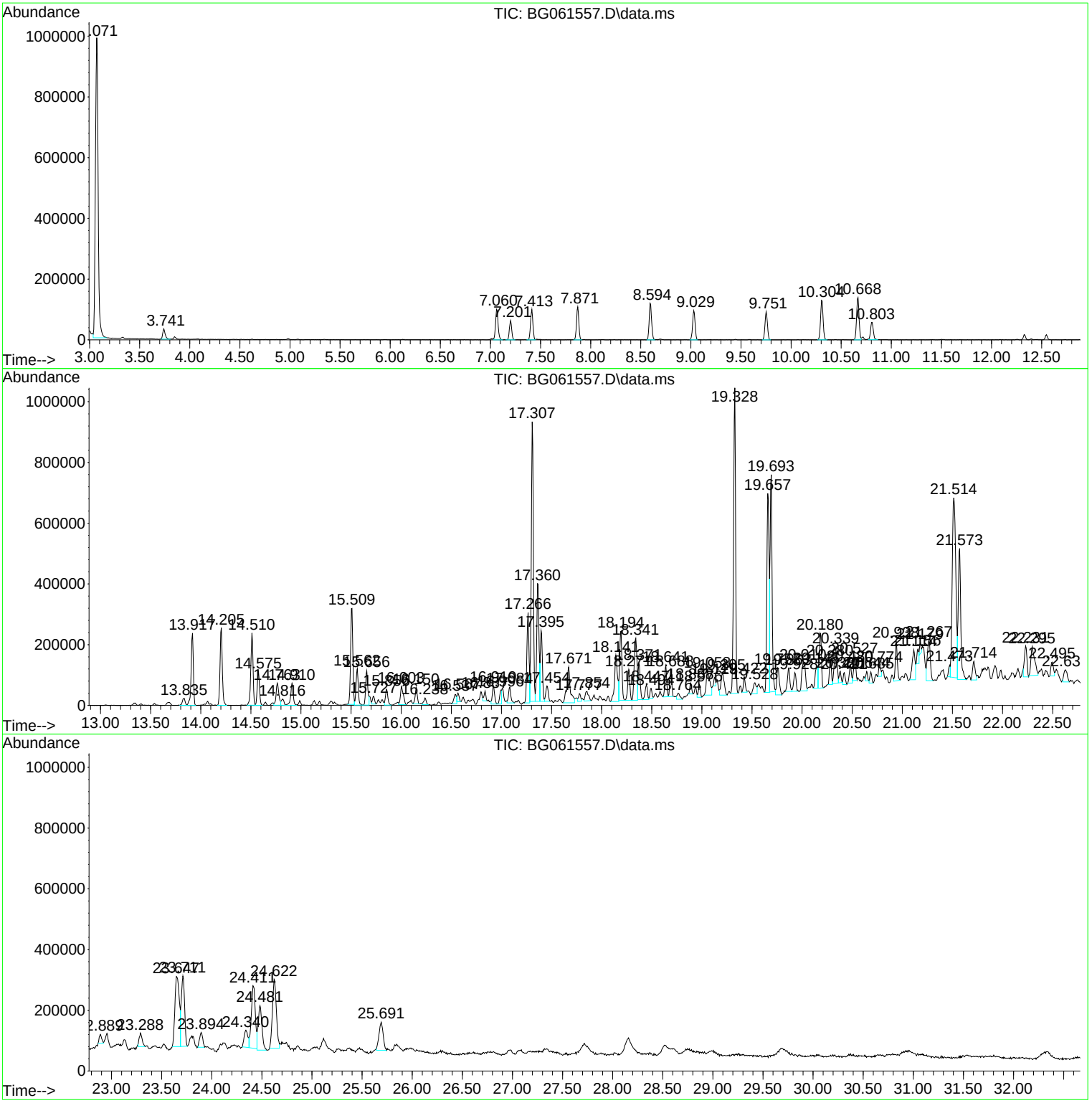
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

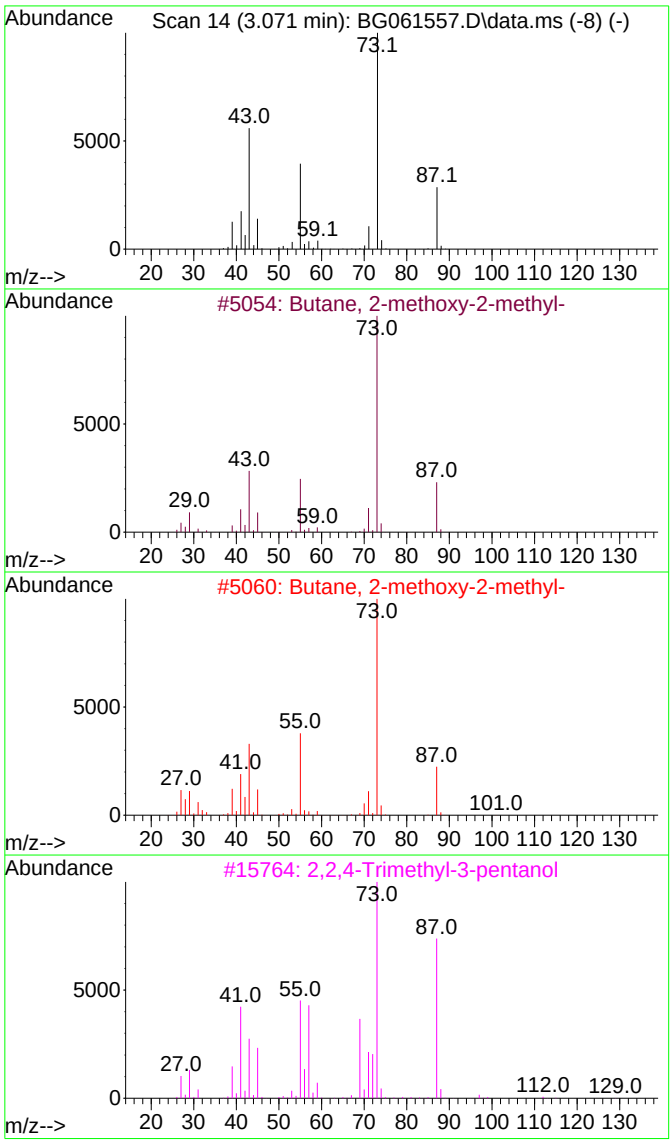
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

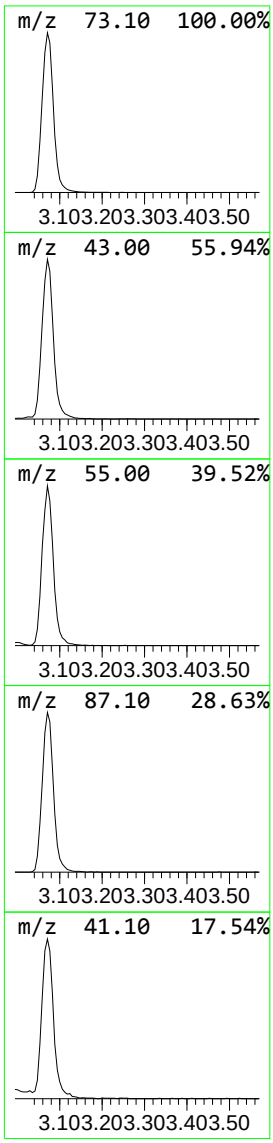
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.071	211.78 ng/ul	1846720	1,4-Dichlorobenzene-d4	7.871

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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

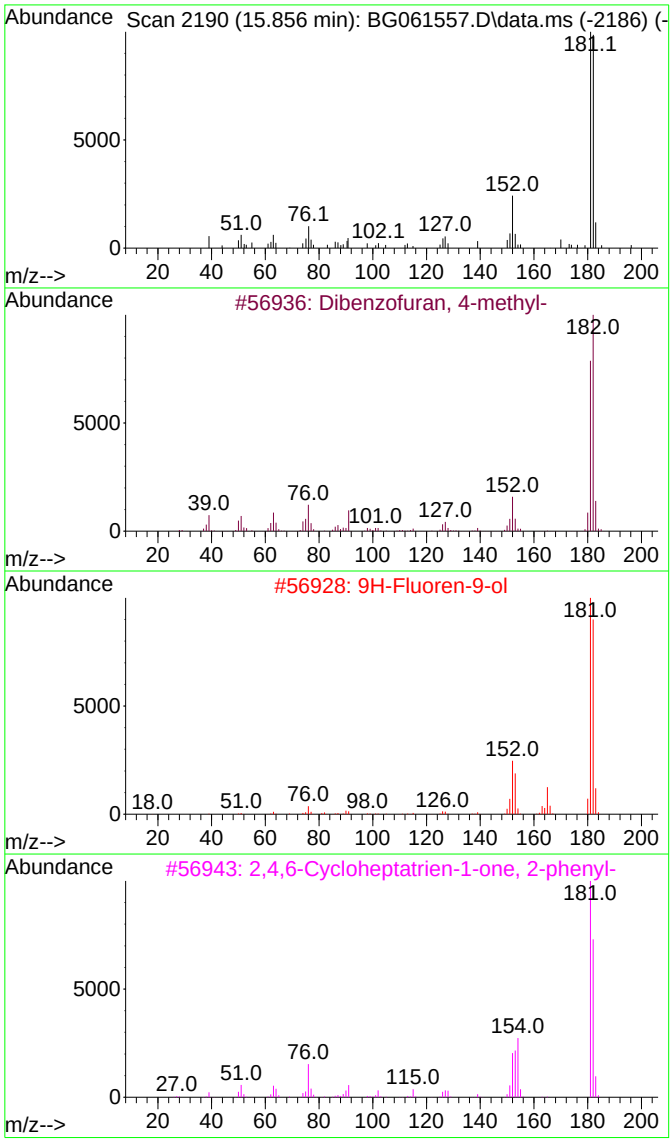
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

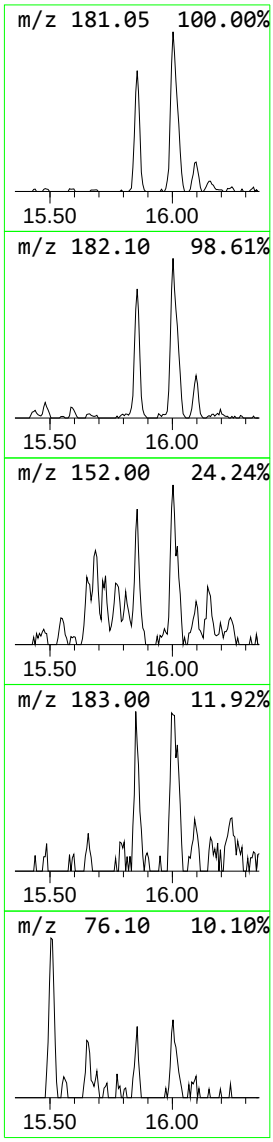
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.856	4.66 ng/ul	84742	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

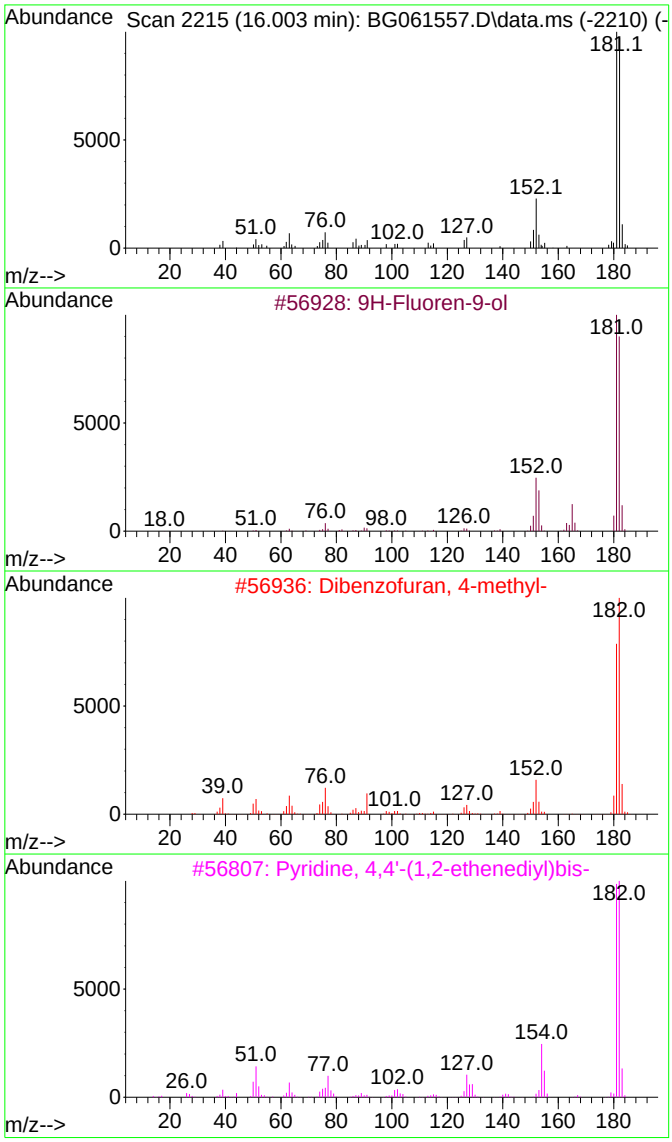
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

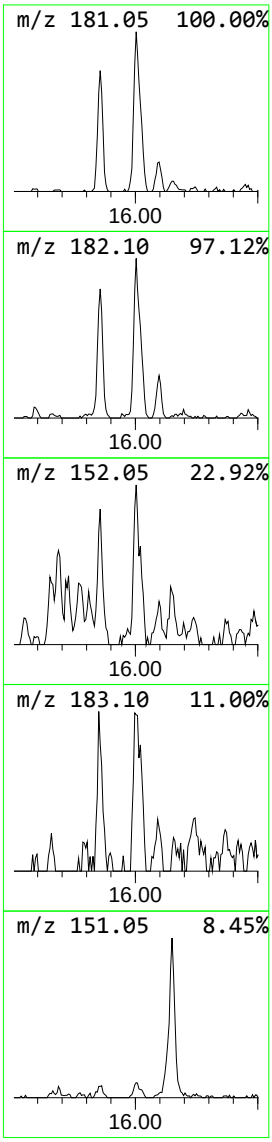
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.003	5.08 ng/ul	117100	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
3	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
4	9H-Xanthene	182	C13H10O	000092-83-1	64
5	9H-Xanthene	182	C13H10O	000092-83-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

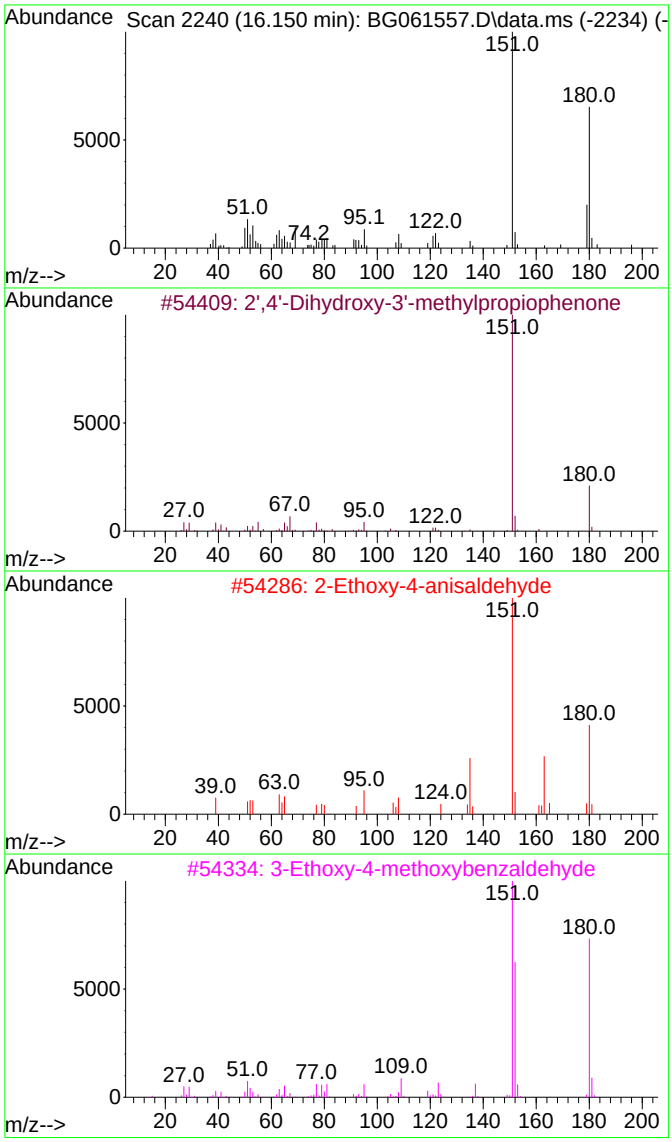
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

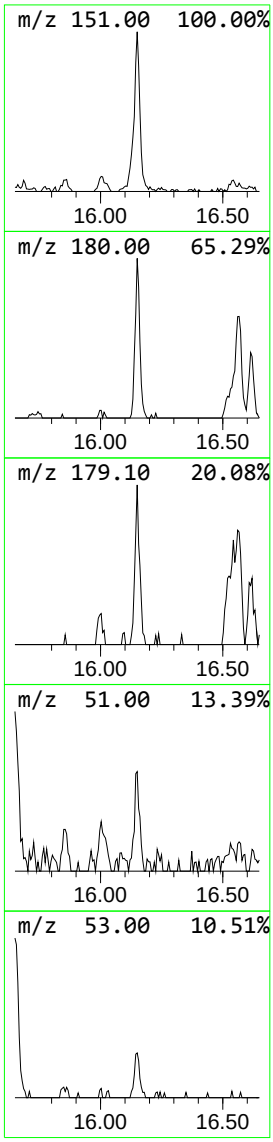
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2',4'-Dihydroxy-3'-methylpr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.150	3.43 ng/ul	79081	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2',4'-Dihydroxy-3'-methylpropiop...	180	C10H12O3	063876-46-0	64
2	2-Ethoxy-4-anisaldehyde	180	C10H12O3	042924-37-8	64
3	3-Ethoxy-4-methoxybenzaldehyde	180	C10H12O3	001131-52-8	59
4	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	43
5	2-Mercapto-1,3-benzoxazole	151	C7H5NOS	002382-96-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

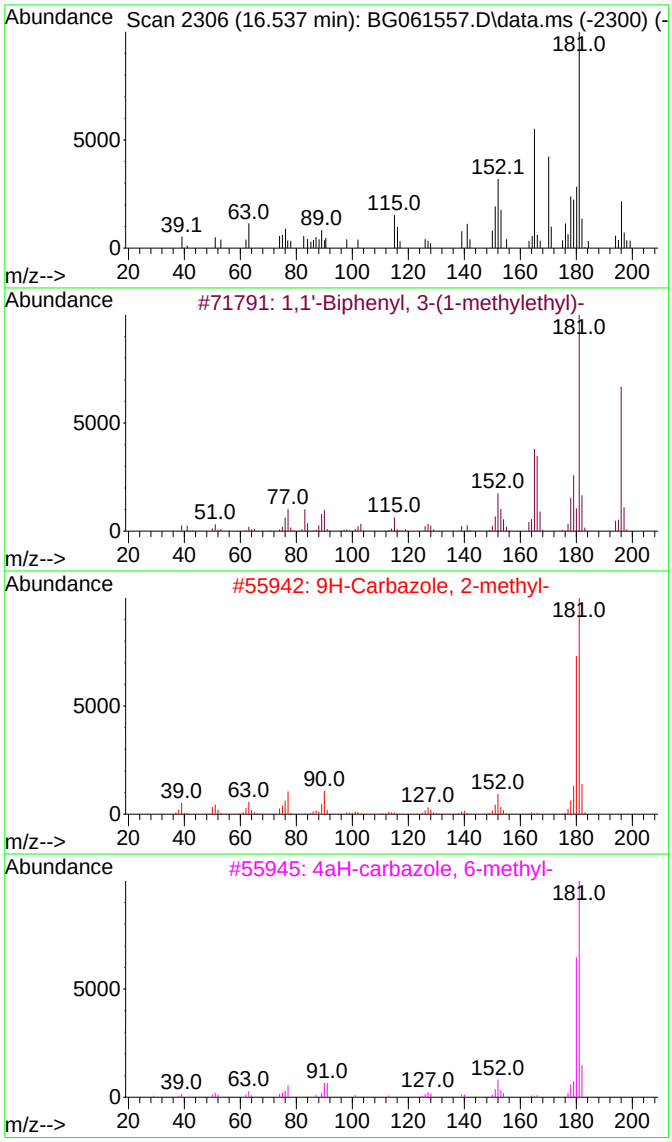
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

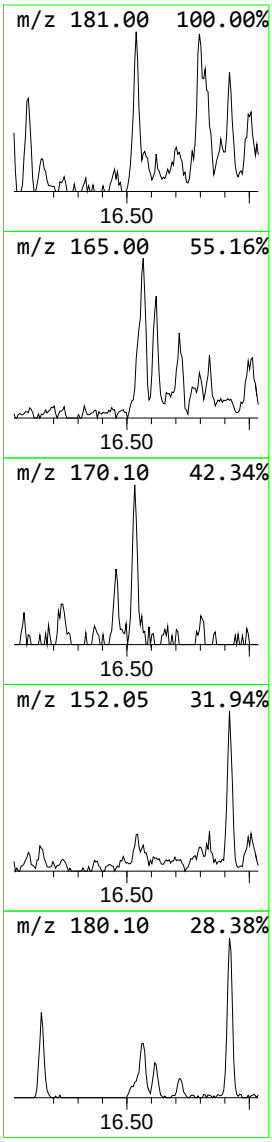
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.537	2.60 ng/ul	59776	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	58
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	43
3	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	38
4	3-Methylcarbazole	181	C13H11N	004630-20-0	38
5	2-Fluorenamine	181	C13H11N	000153-78-6	38





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

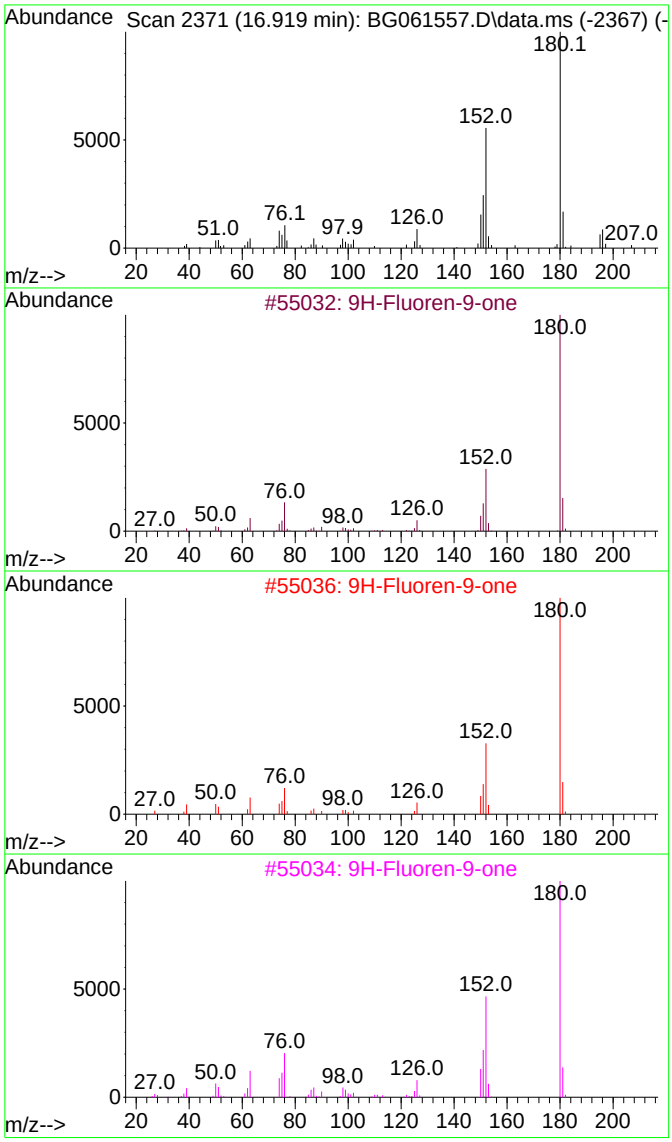
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

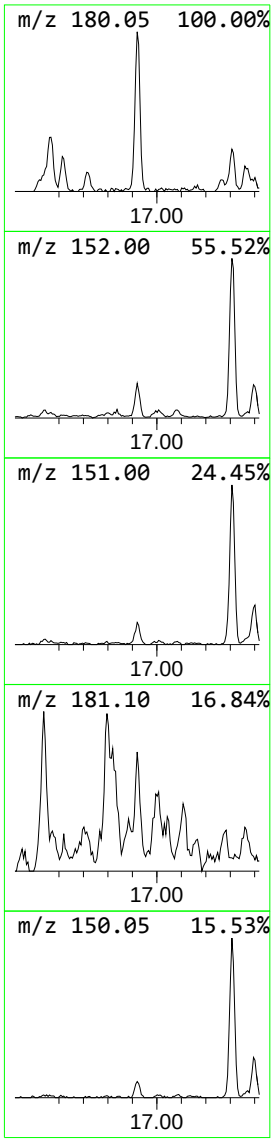
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	4.09 ng/ul	94322	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4C24

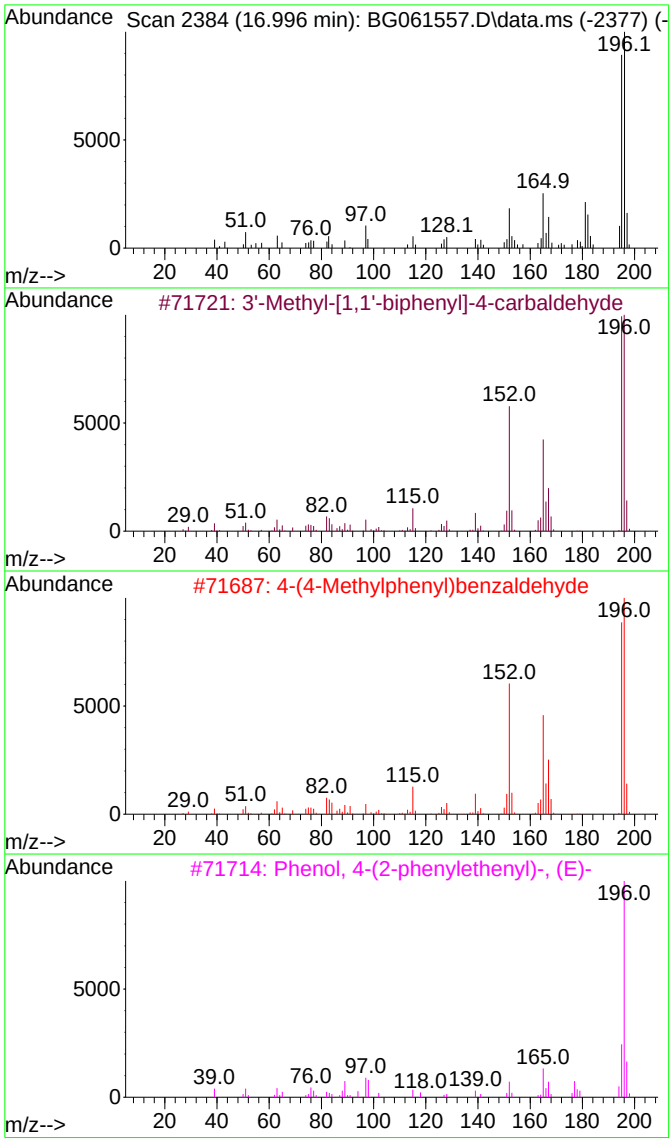
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

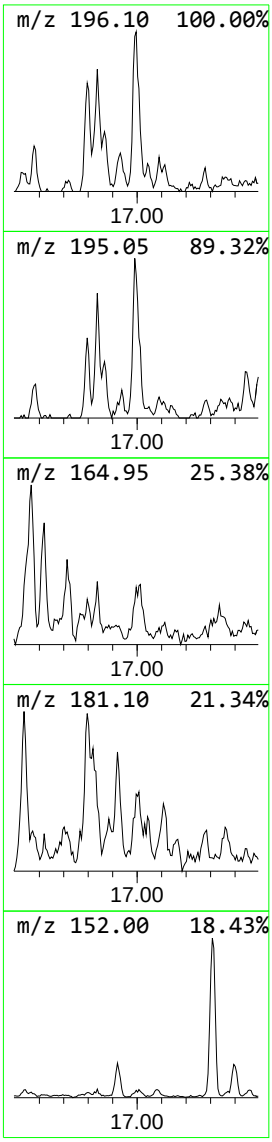
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.996	2.87 ng/ul	66029	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	89
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	76
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
4	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	53
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

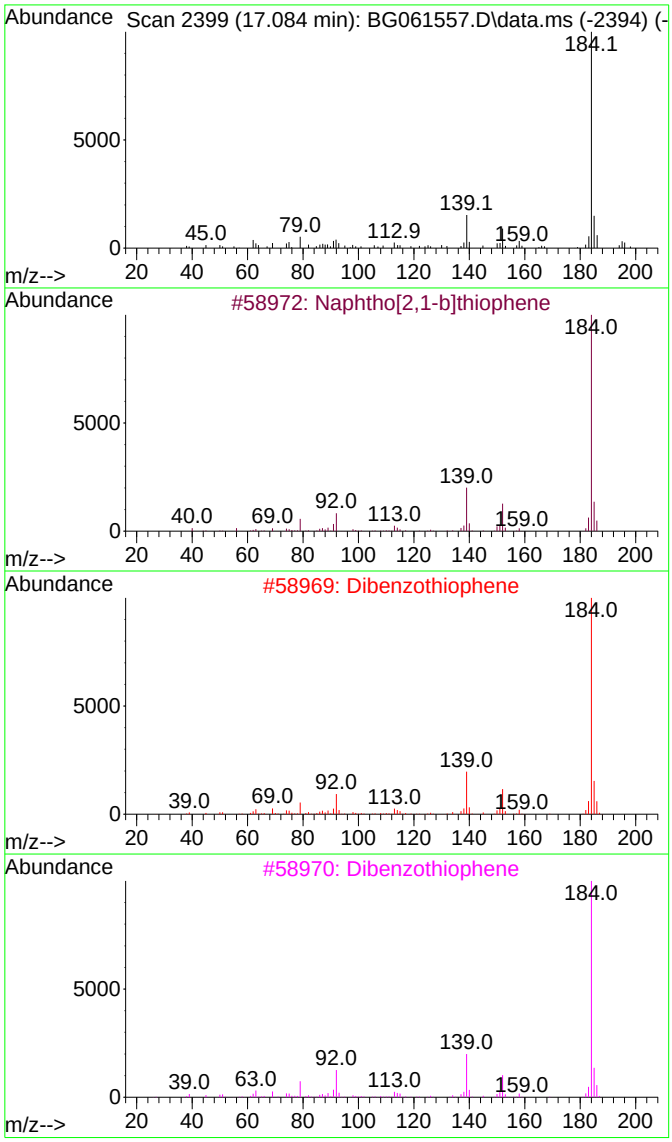
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

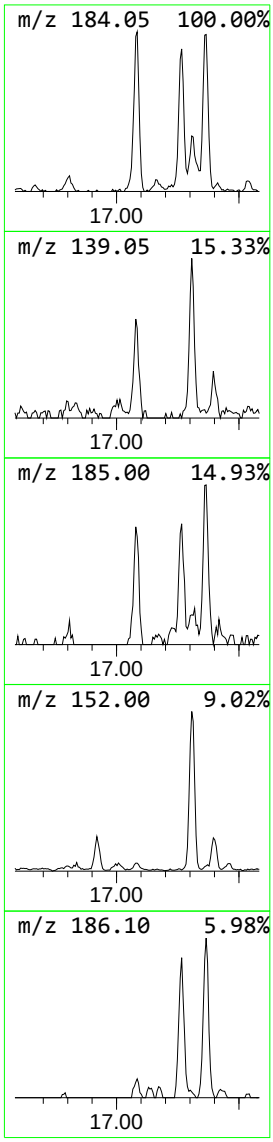
****

Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.084	3.68 ng/ul	84846	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

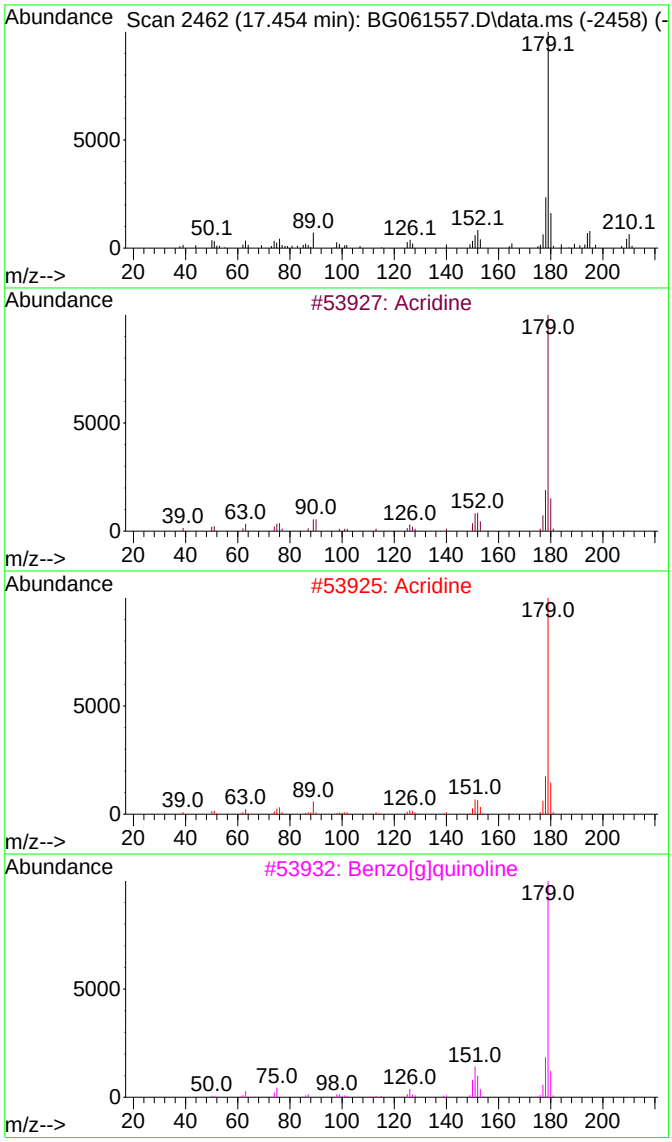
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

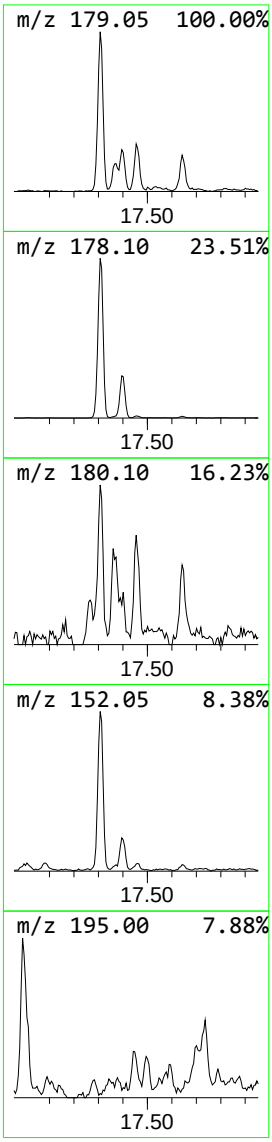
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.454	3.60 ng/ul	82920	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Acridine	179	C13H9N	000260-94-6	87
3	Benzo[g]quinoline	179	C13H9N	000260-36-6	83
4	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	83
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	83





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4C24

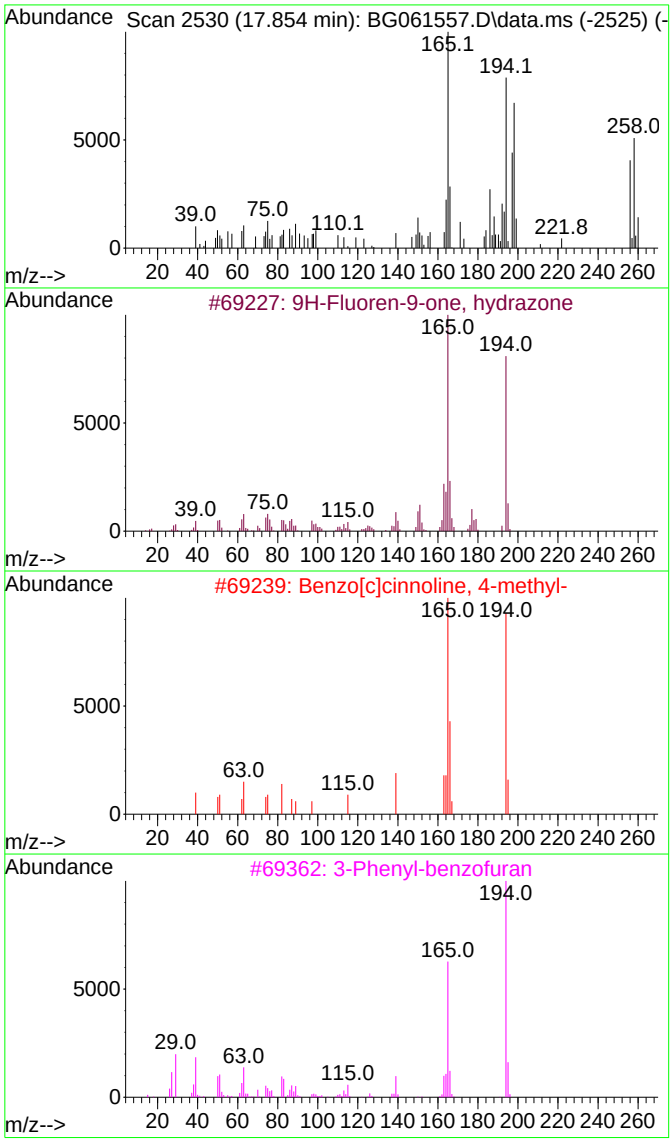
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

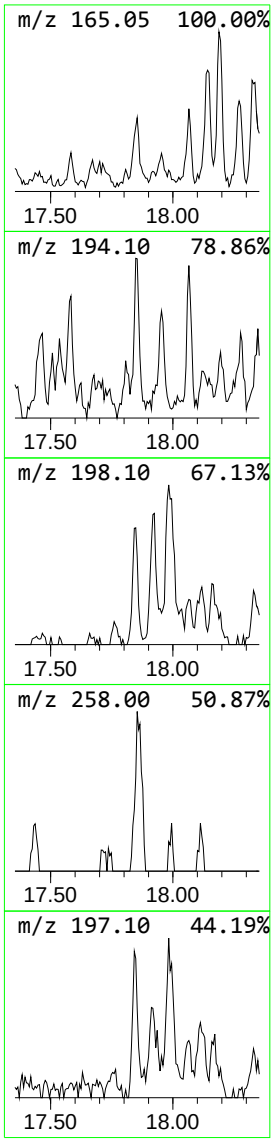
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.854	3.08 ng/ul	71019	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	30
2	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	27
3	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	15
4	Anthrone	194	C14H10O	000090-44-8	14
5	3-Phenanthrol	194	C14H10O	000605-87-8	14





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

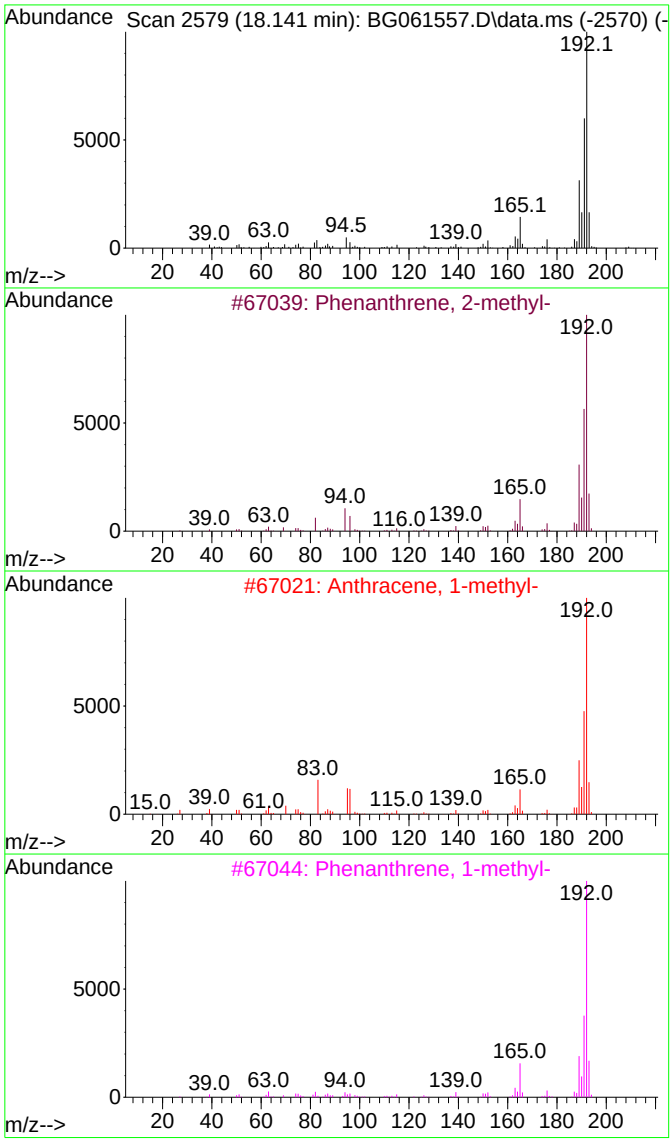
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

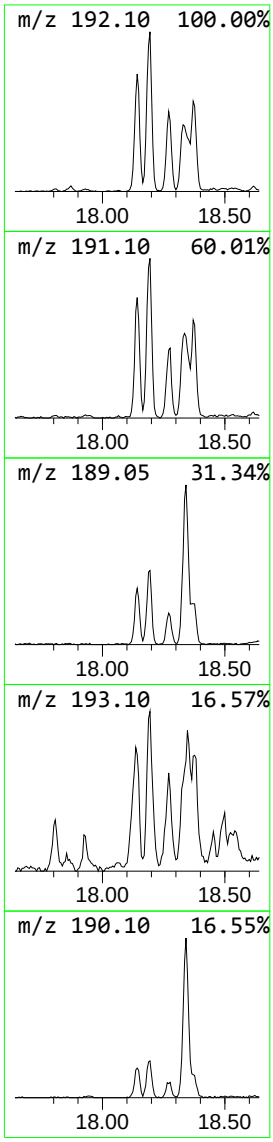
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	14.35 ng/ul	330442	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

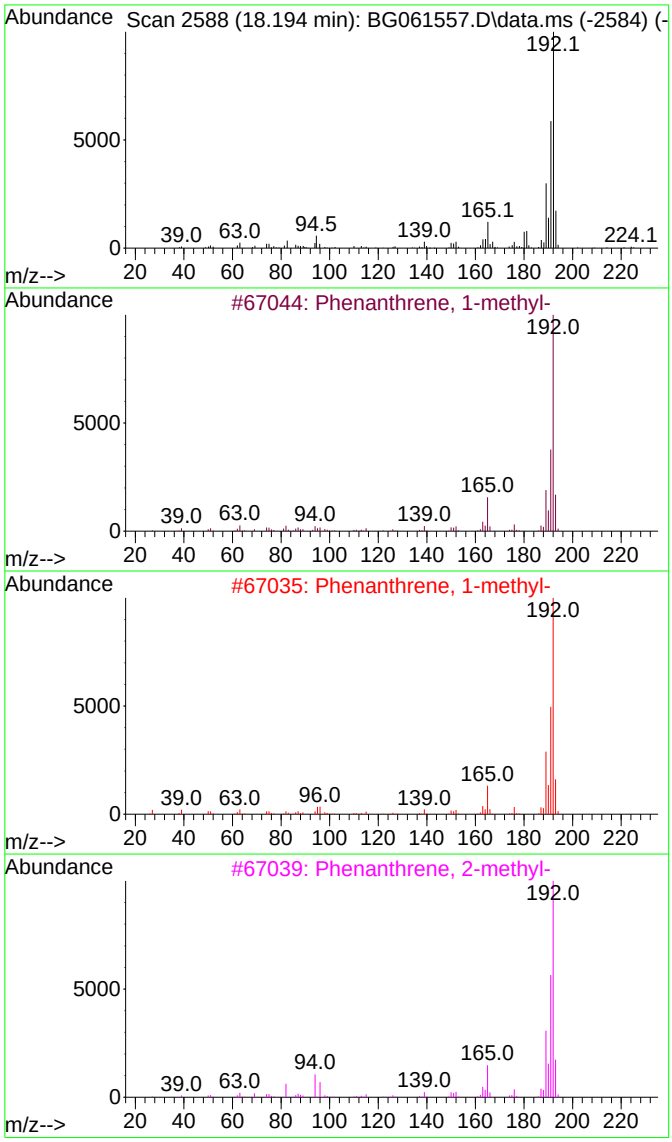
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

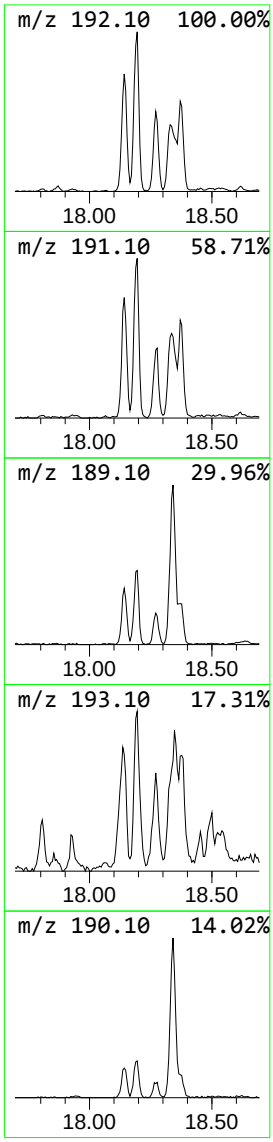
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.194	15.10 ng/ul	347772	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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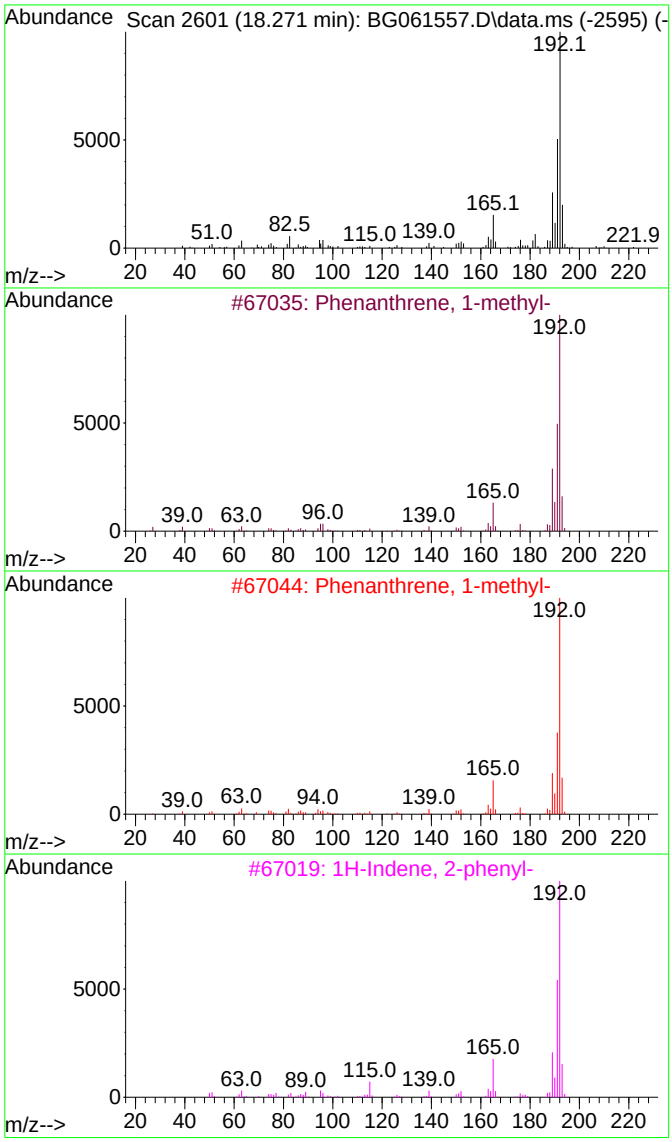
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

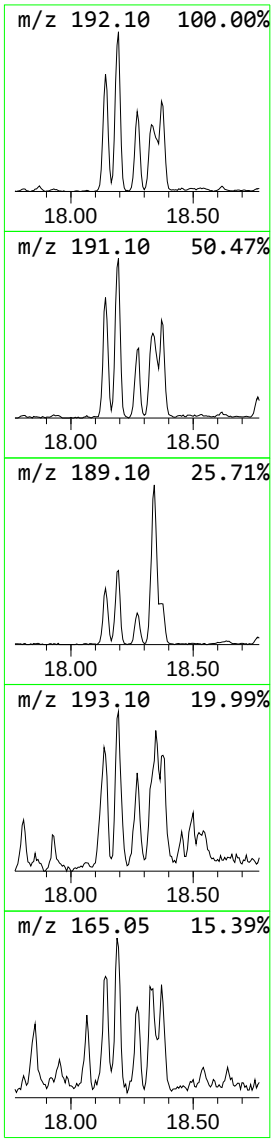
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.271	6.79 ng/ul	156488	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Acq On : 8 Jun 2024 8:00
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Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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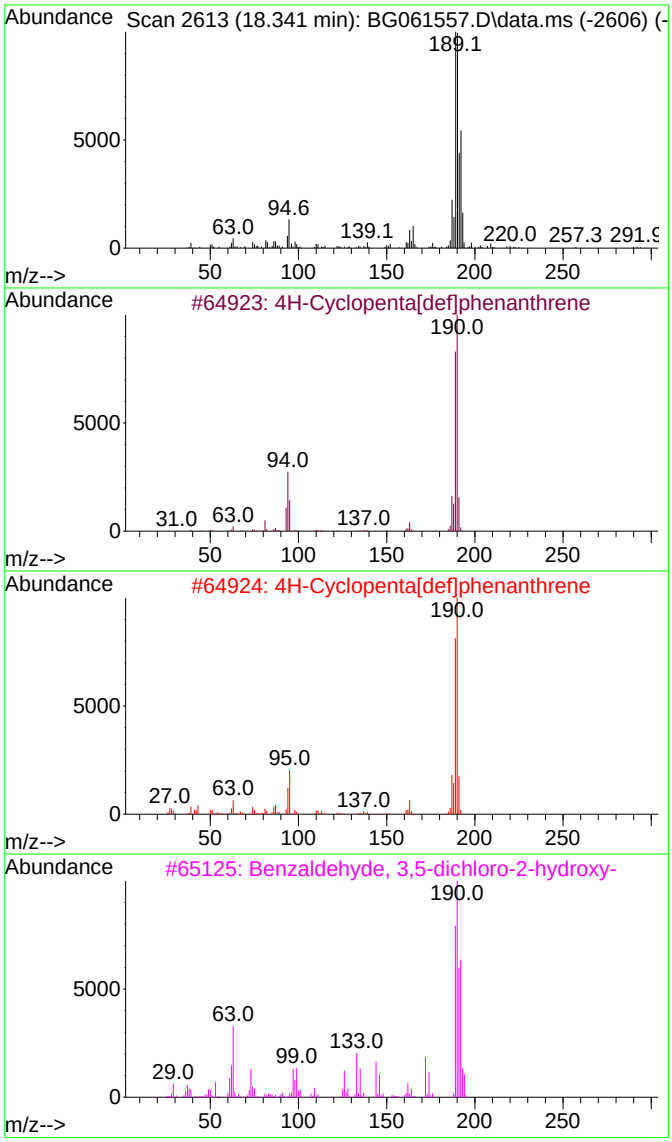
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

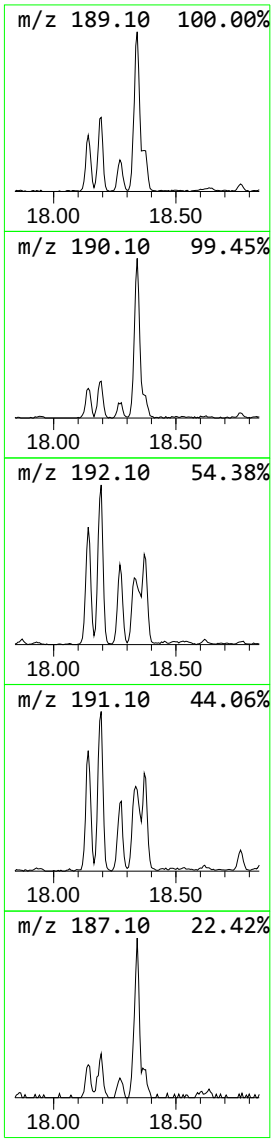
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.341	17.25 ng/ul	397269	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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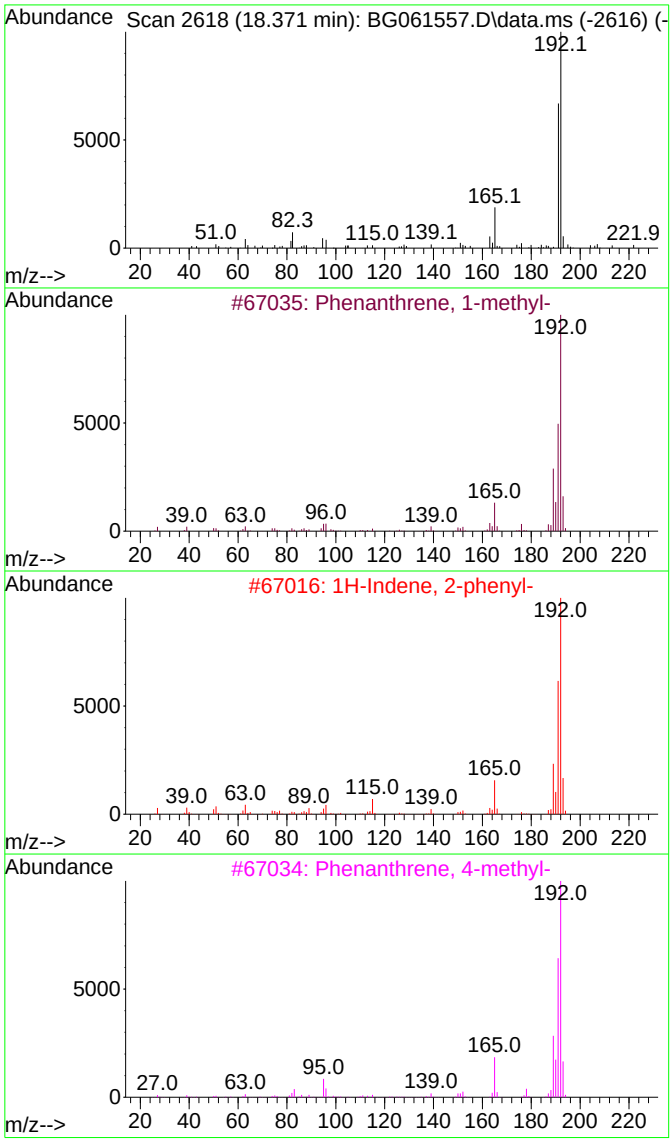
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

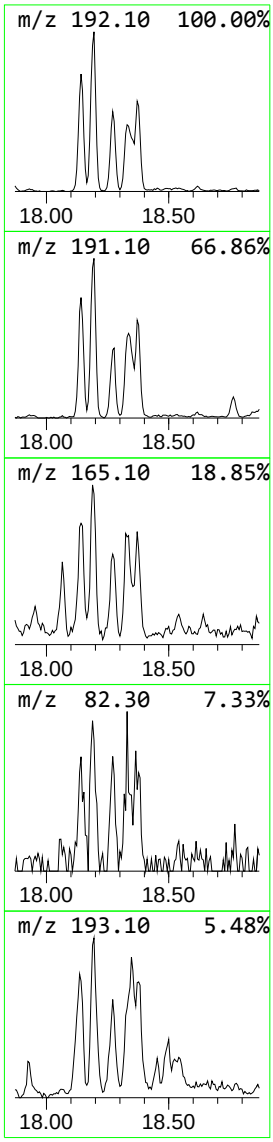
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	7.32 ng/ul	168501	Phenanthrene-d10	17.266

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	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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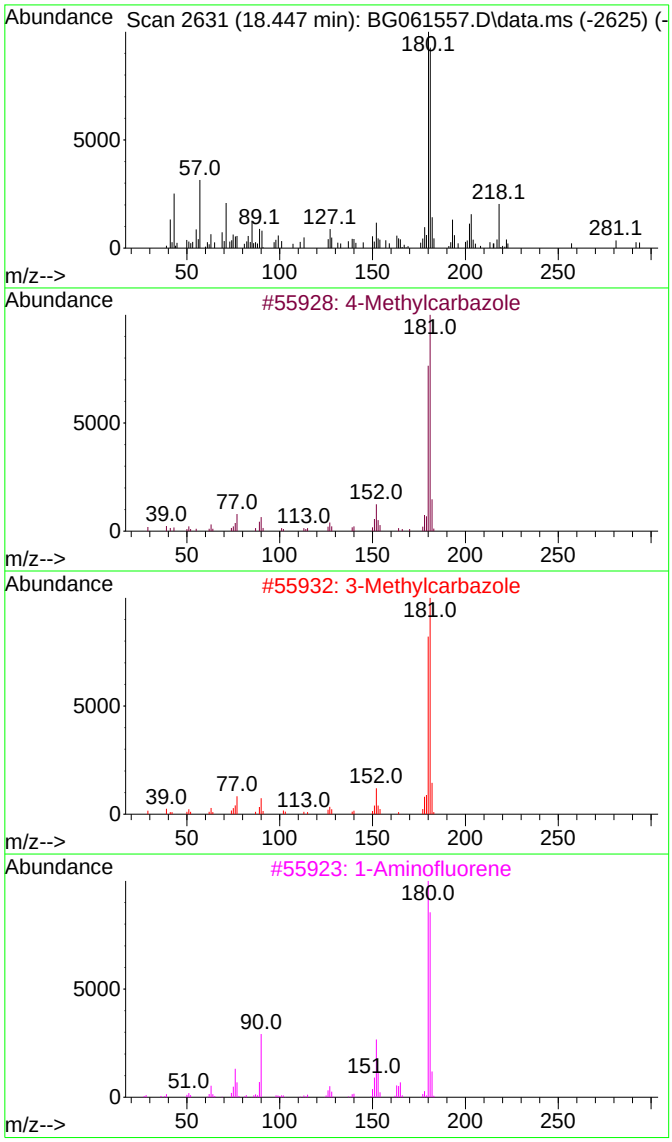
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

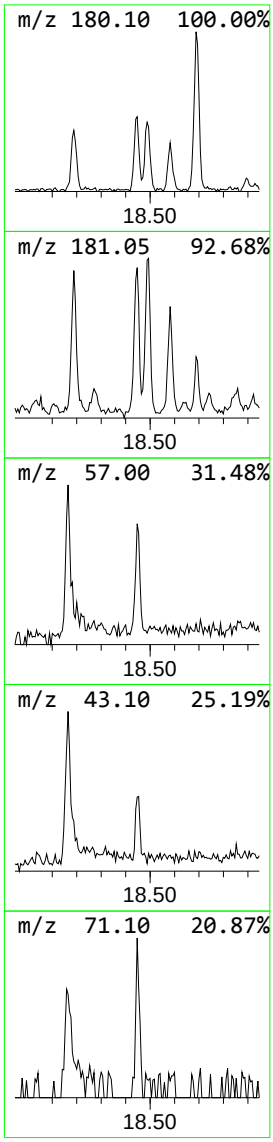
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4-Methylcarbazole Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	3.42 ng/ul	78799	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	70
2	3-Methylcarbazole	181	C13H11N	004630-20-0	70
3	1-Aminofluorene	181	C13H11N	006344-63-4	62
4	4-Methylcarbazole	181	C13H11N	003770-48-7	62
5	Benzenamine, N-(phenylmethylene)-	181	C13H11N	000538-51-2	58





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

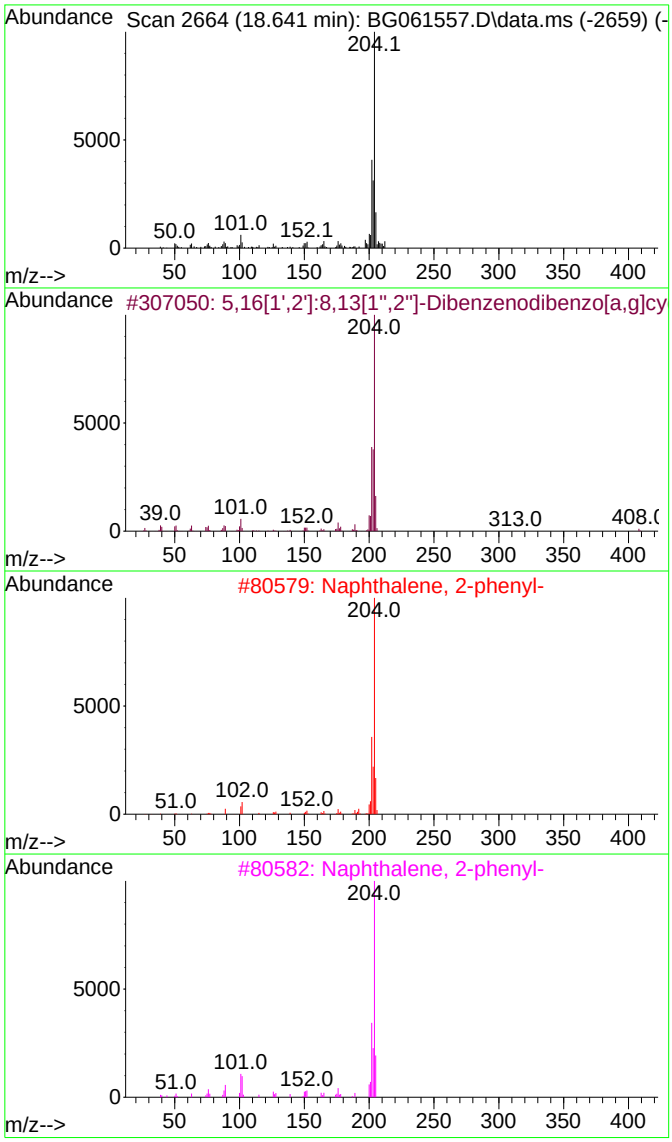
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

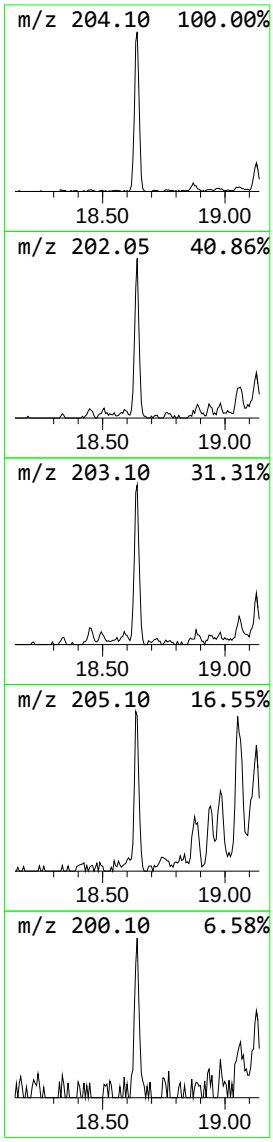
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.641	6.05 ng/ul	139382	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

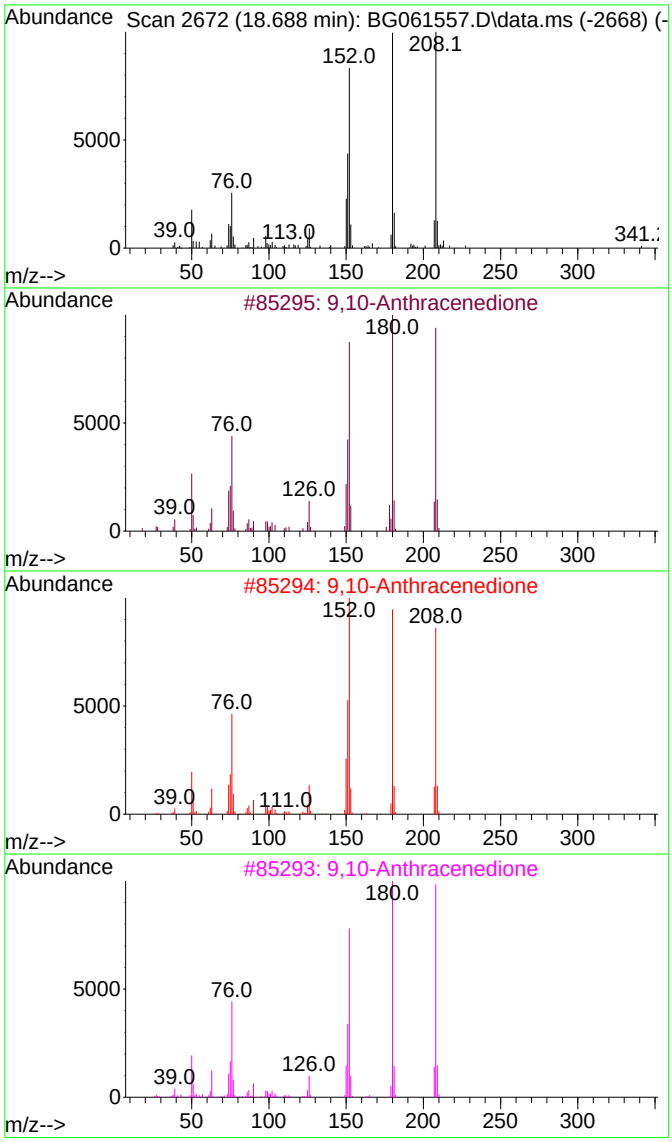
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

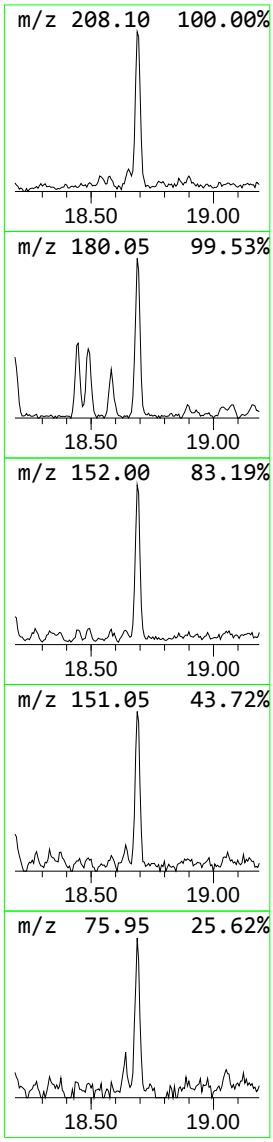
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.688	5.10 ng/ul	117376	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

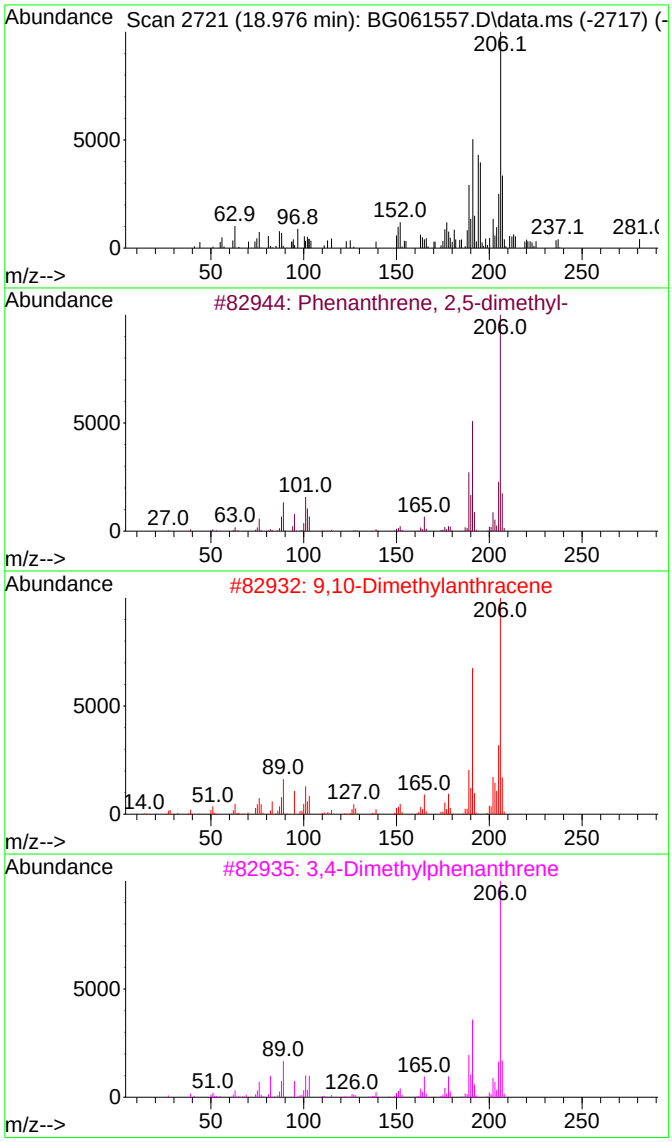
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

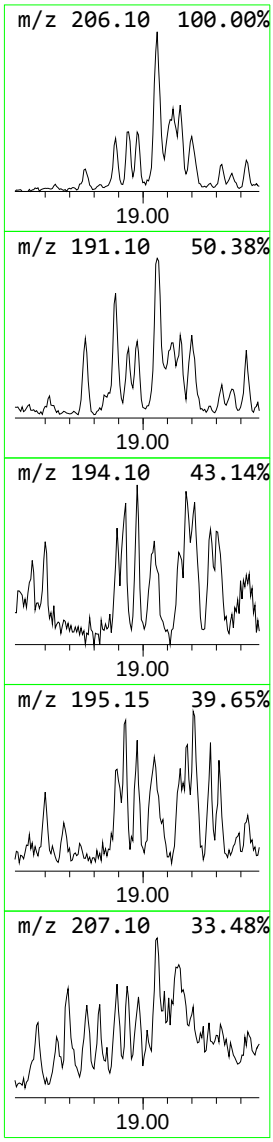
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.976	2.51 ng/ul	57927	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	53
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	53
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

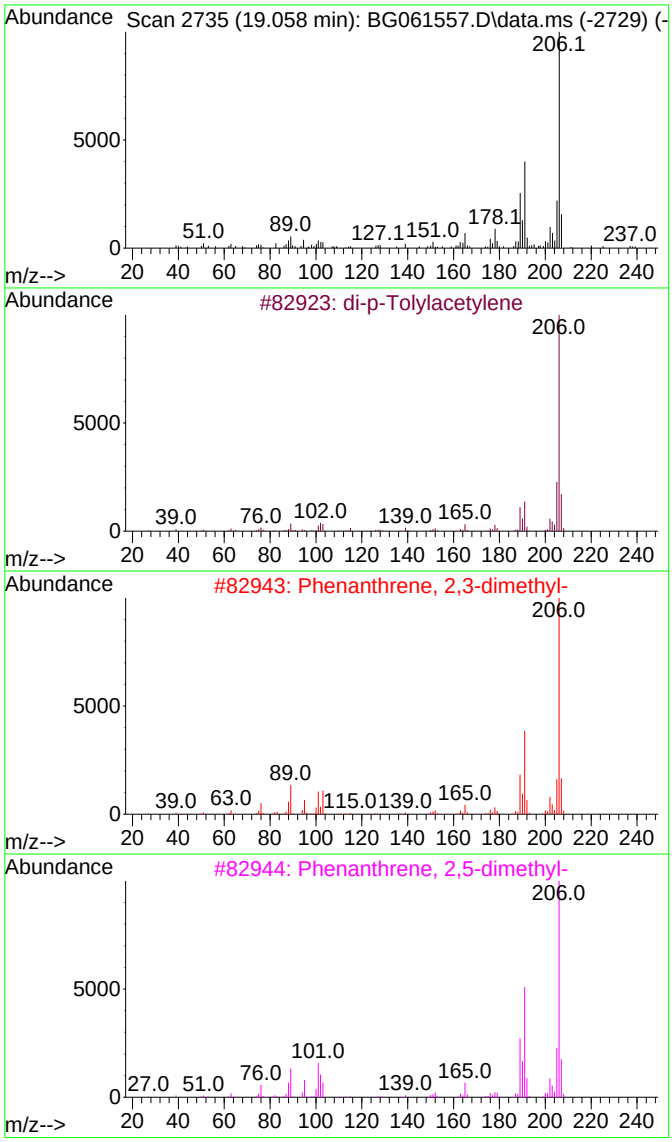
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

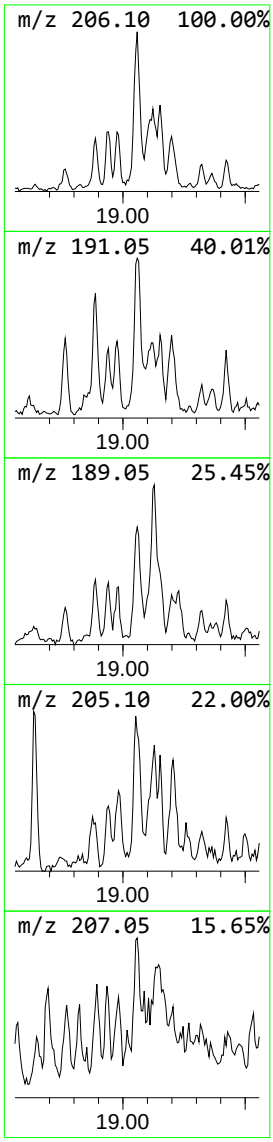
****

Peak Number 23 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	8.56 ng/ul	197122	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

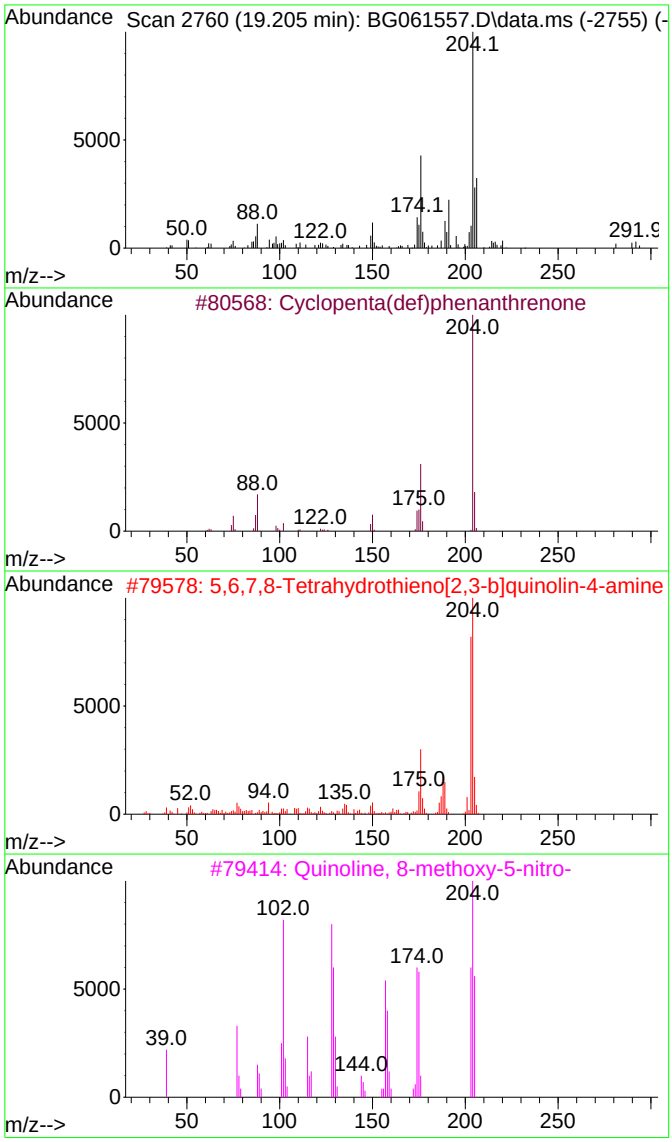
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

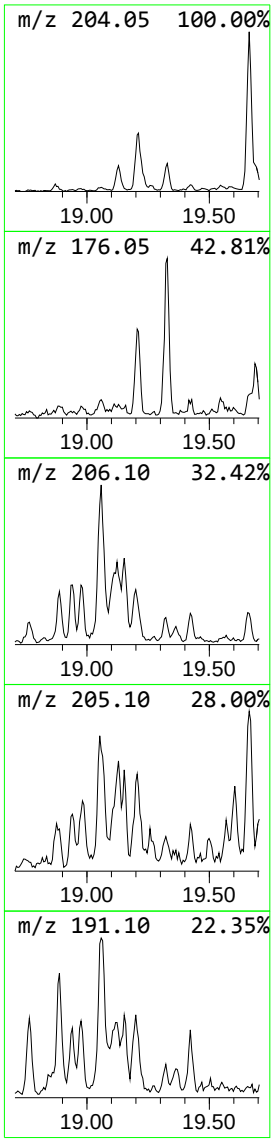
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.205	6.93 ng/ul	159516	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Acq On : 8 Jun 2024 8:00
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Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

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BNA_G
ClientSampleId :
A4C24

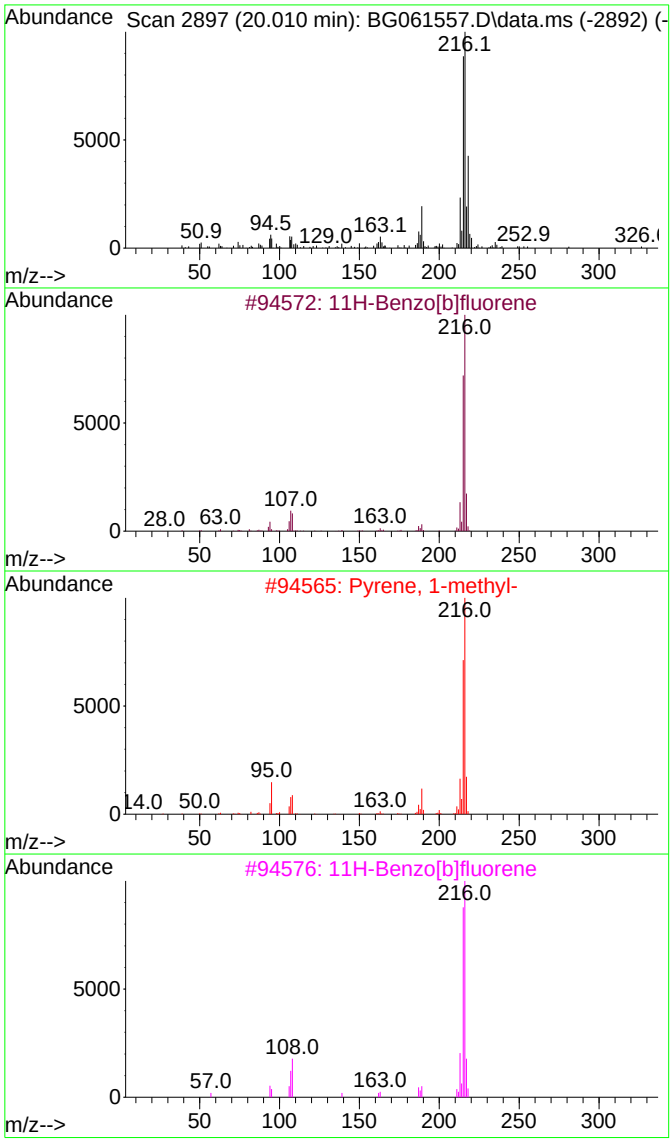
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

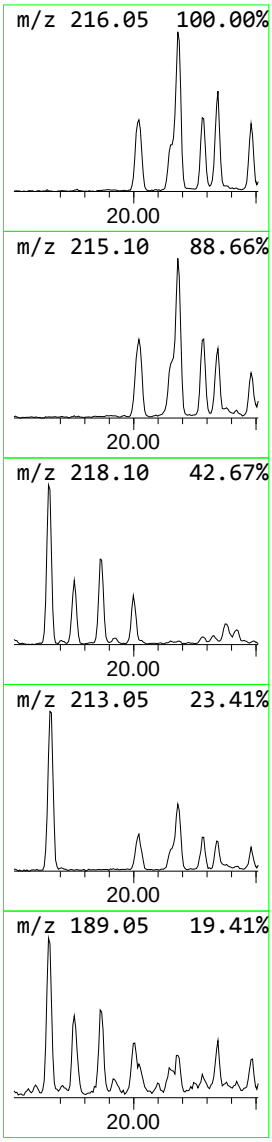
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.010	3.11 ng/ul	229933	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

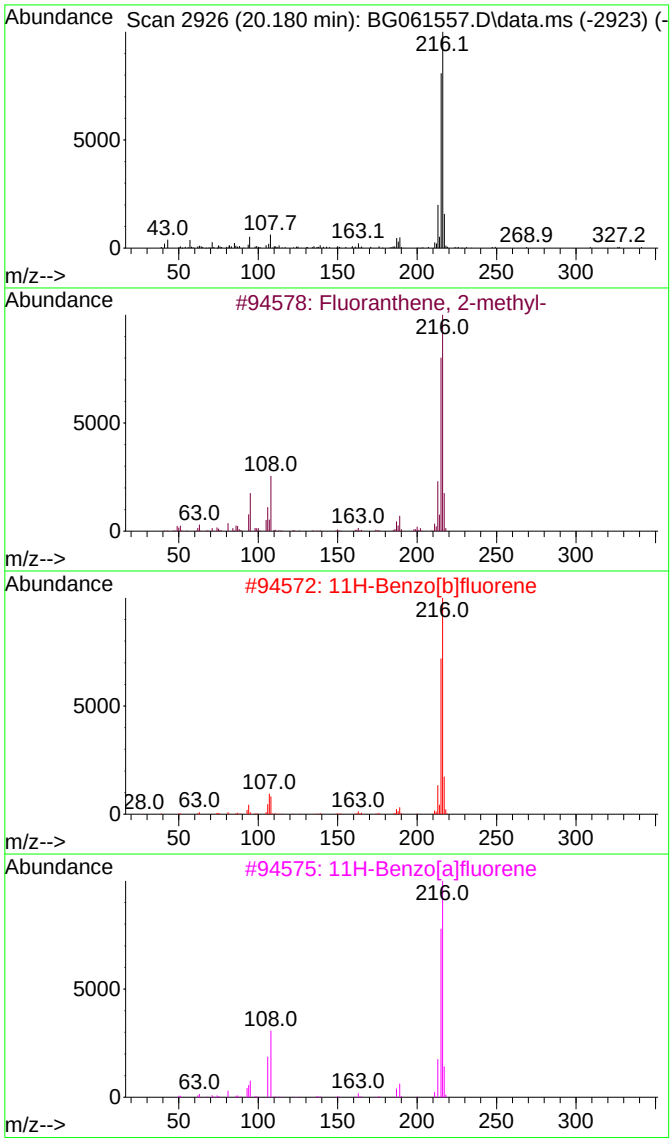
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

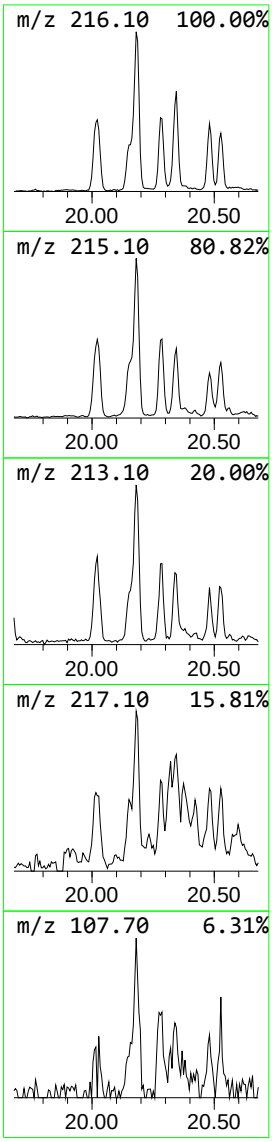
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.68 ng/ul	272209	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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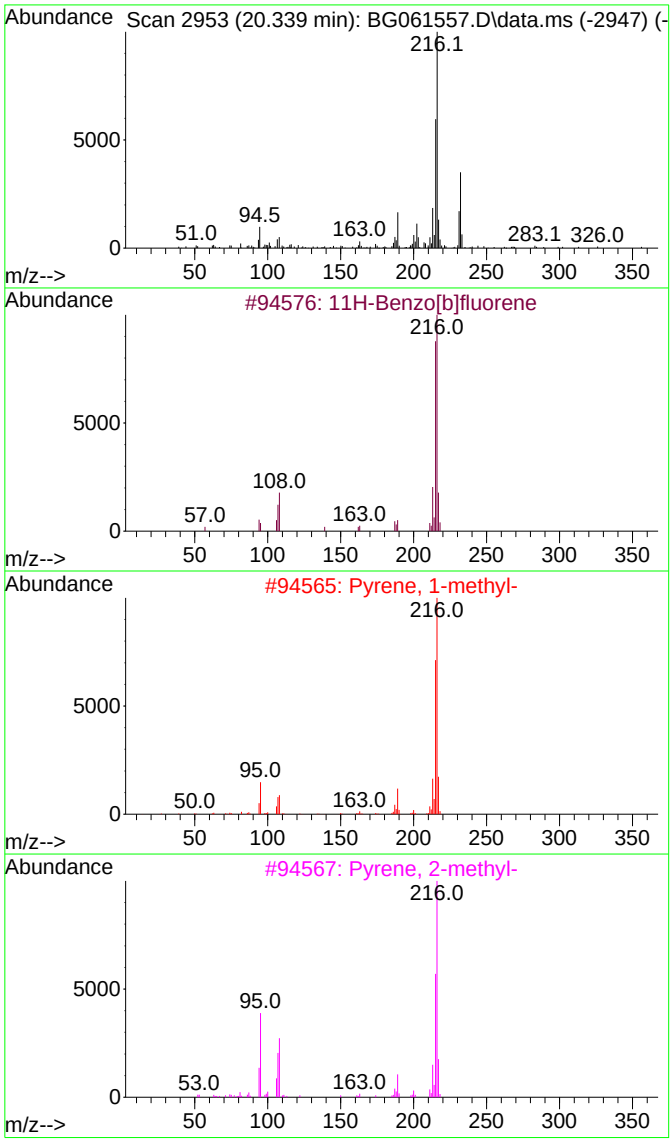
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

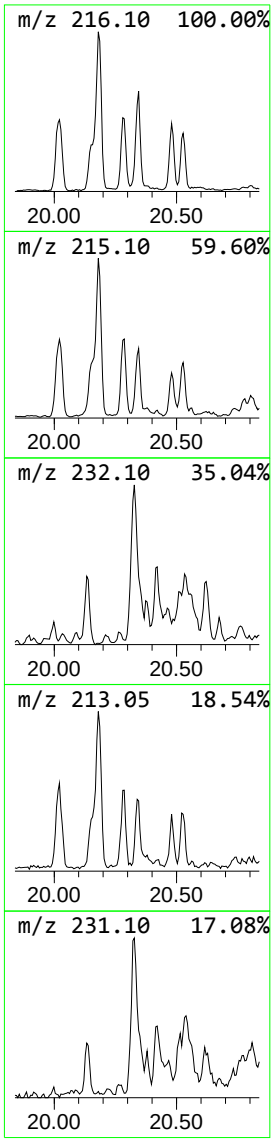
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	3.32 ng/ul	245331	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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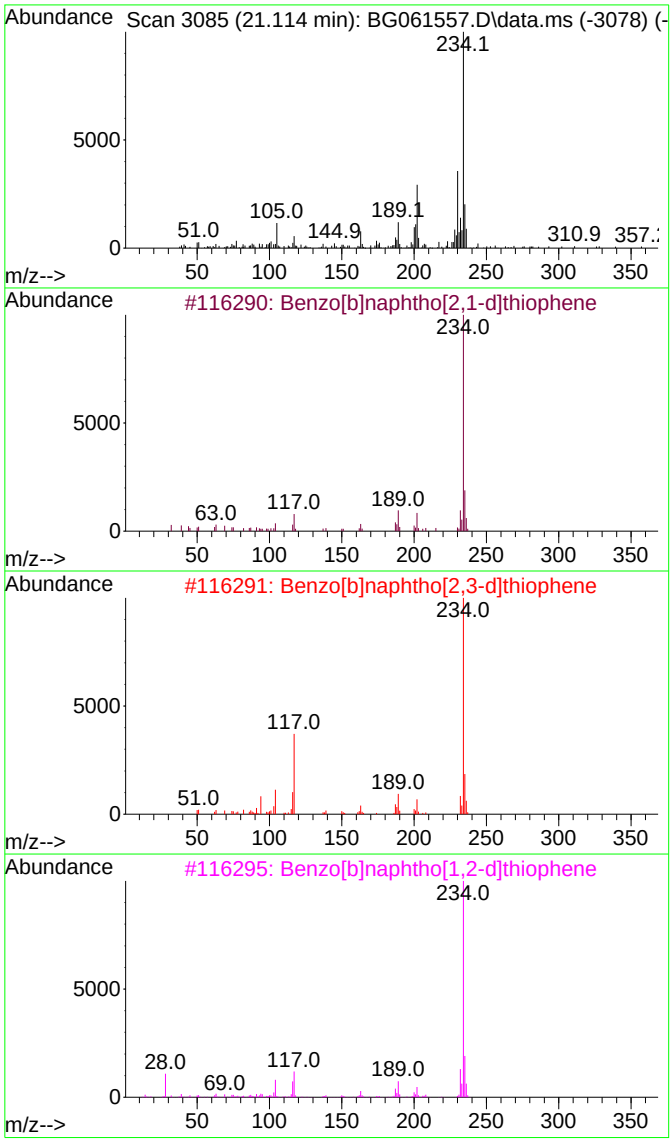
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

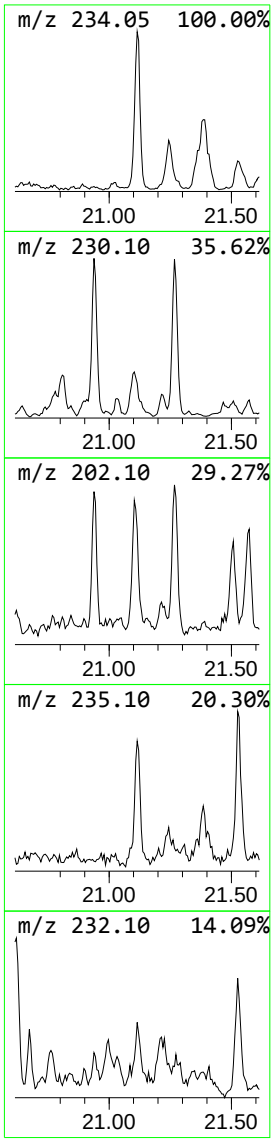
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.114	2.72 ng/ul	200821	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62





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Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4C24

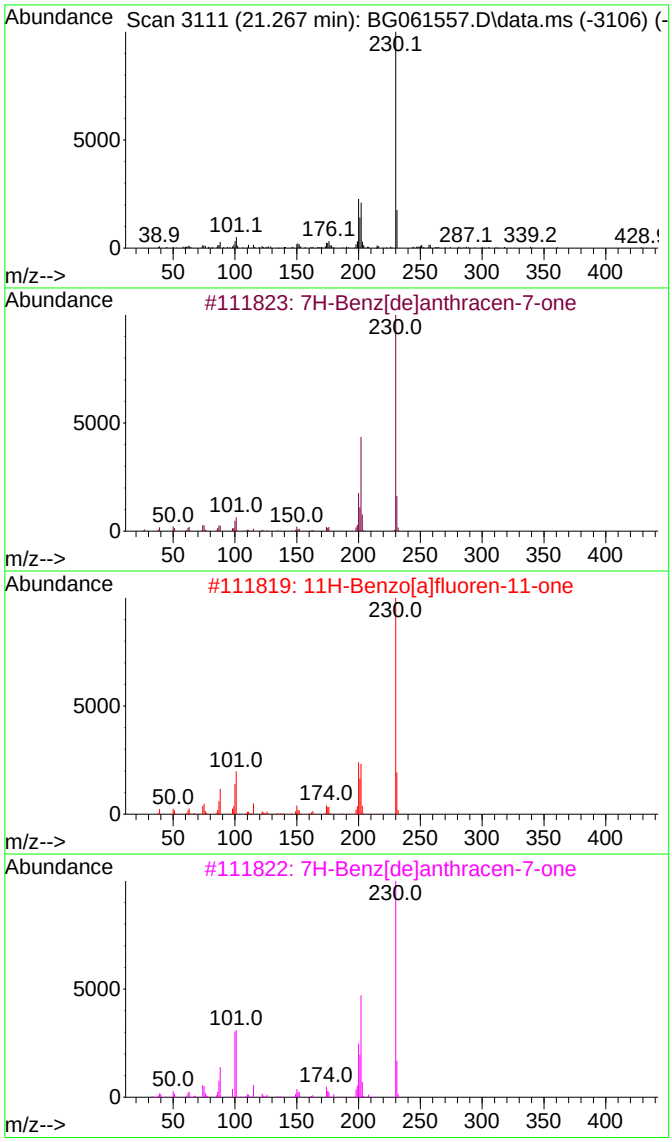
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

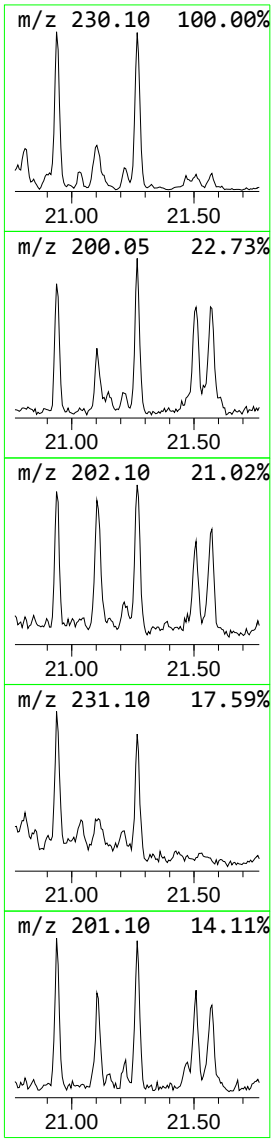
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.267	3.66 ng/ul	270248	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	50





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Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
A4C24

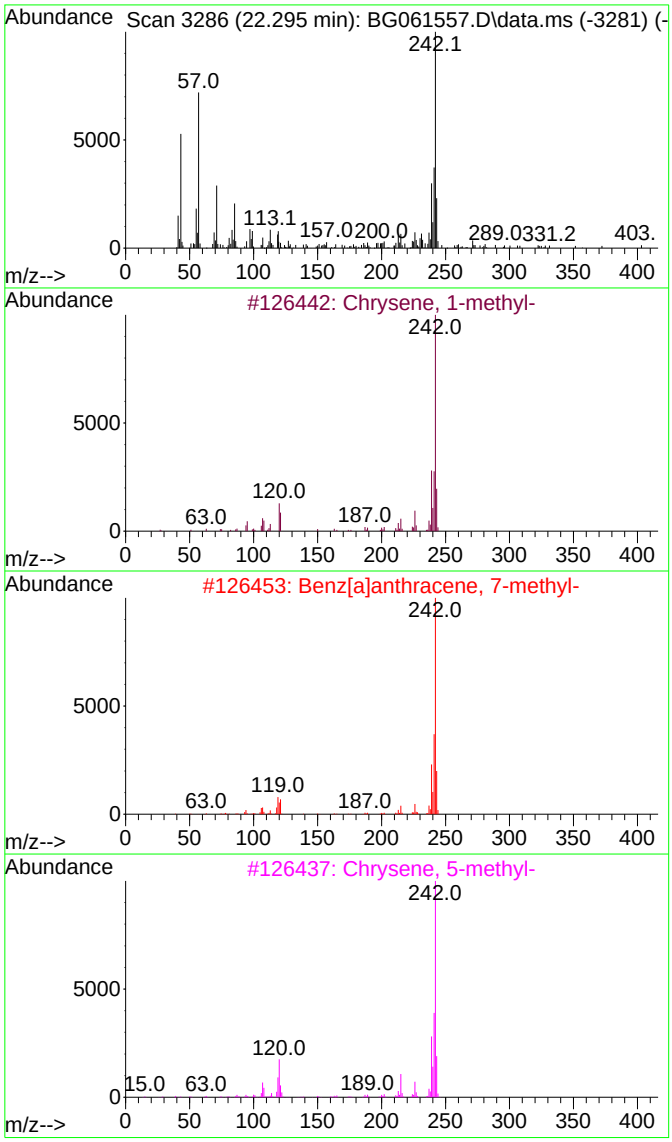
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

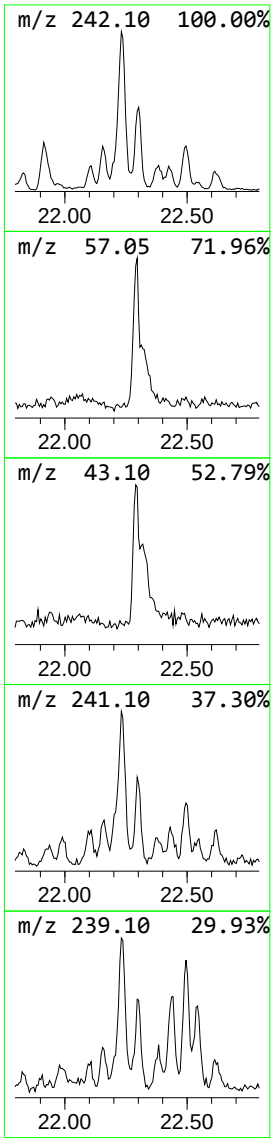
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Chrysene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.295	3.29 ng/ul	243546	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	86
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	86
5	2-Methylchrysene	242	C19H14	003351-32-4	86





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Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

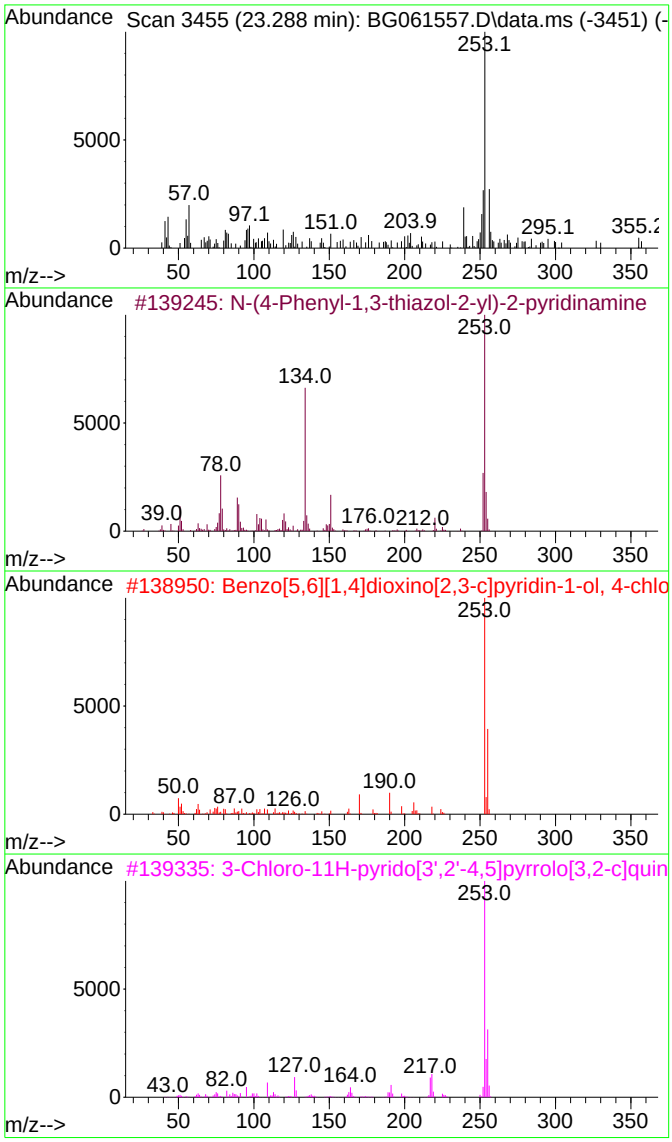
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

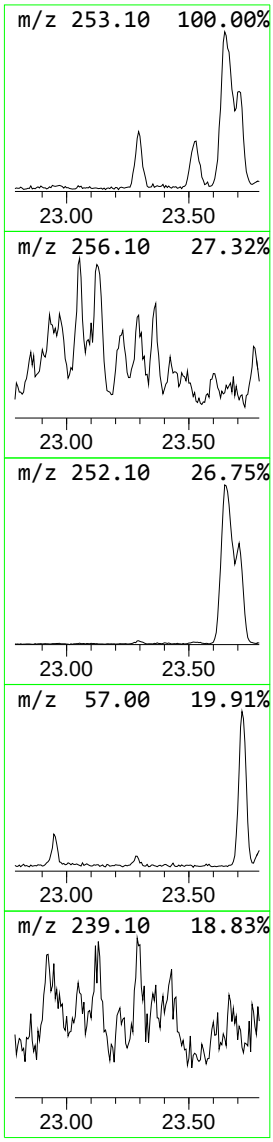
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.288	2.88 ng/ul	89632	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	47
2	Benzo[5,6][1,4]dioxino[2,3-c]pyr...	253	C11H5ClFNO3	1000302-85-2	32
3	3-Chloro-11H-pyrido[3',2'-4,5]py...	253	C14H8ClN3	1000212-59-4	25
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	23
5	4-[3-(Trifluoromethyl)phenoxy]an...	295	C15H12F3NO2	1000509-57-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

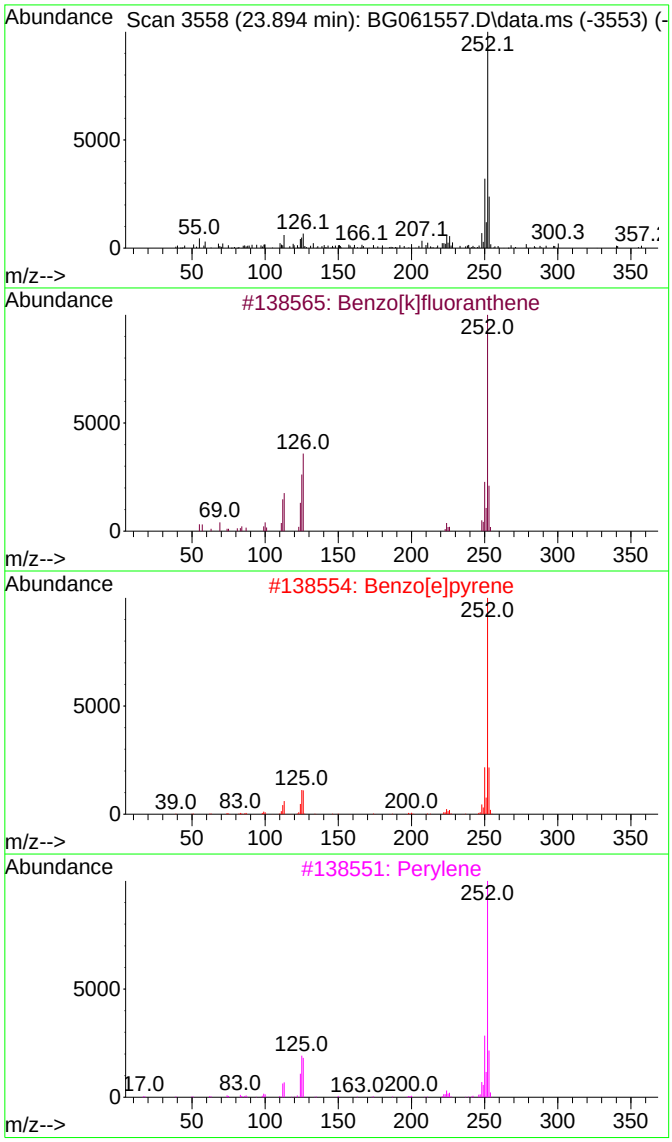
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

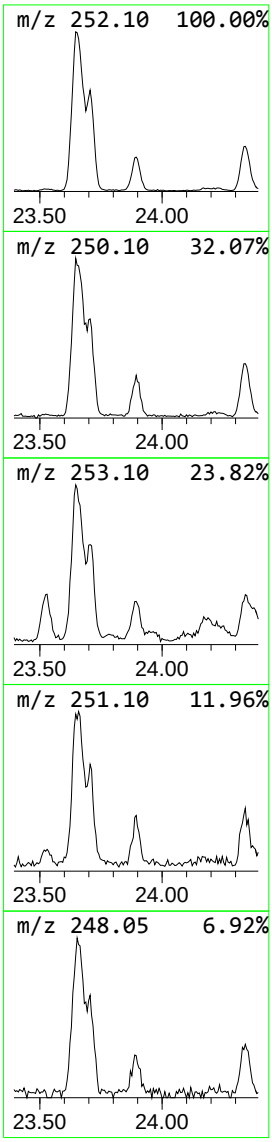
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzo[e]pyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.894	3.33 ng/ul	103499	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[e]pyrene	252	C20H12	000192-97-2	68
3	Perylene	252	C20H12	000198-55-0	68
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
5	Perylene	252	C20H12	000198-55-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

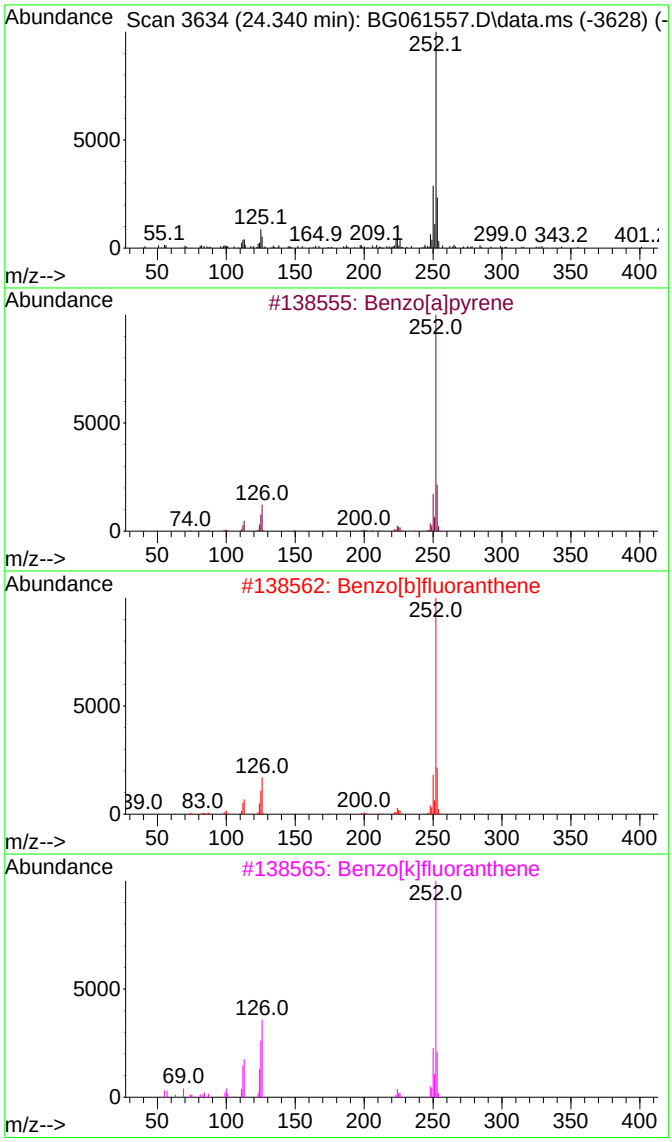
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

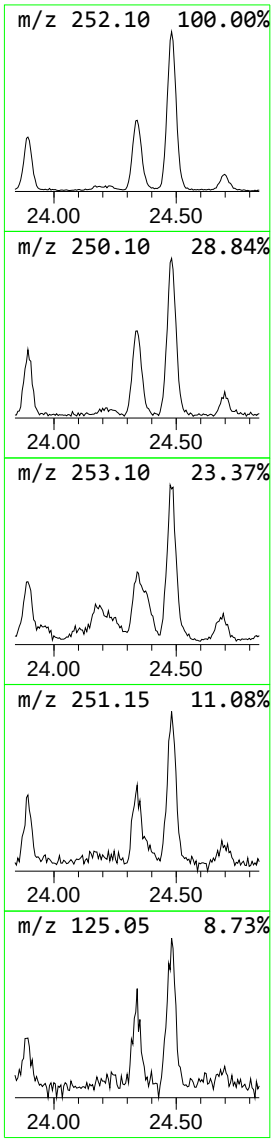
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (1-Cyclopentenyl)ferrocene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.340	4.79 ng/ul	148752	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	86
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

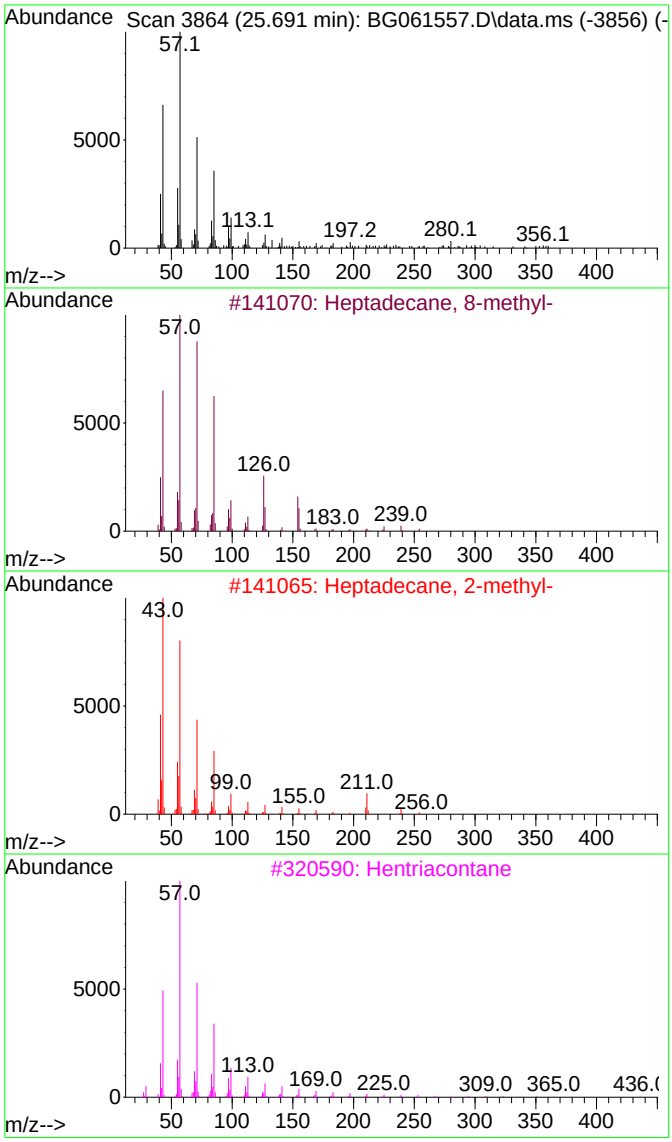
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

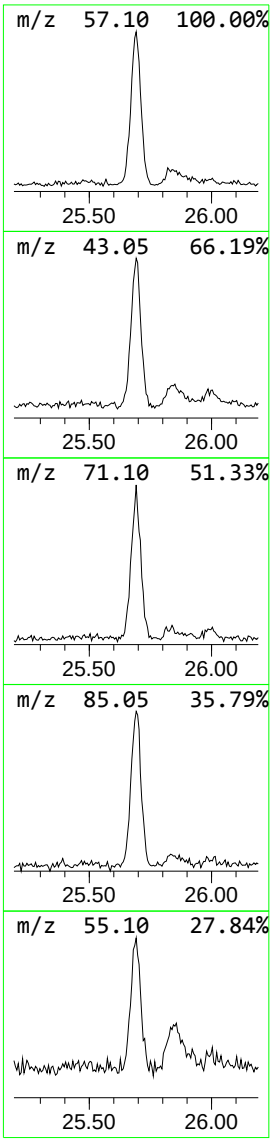
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.691	8.54 ng/ul	265461	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Docosane	310	C22H46	000629-97-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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
Butane, 2-metho...	3.071	211.8	ng/ul	1846720	1	7.871	174401	20.0
Dibenzofuran, 4...	15.856	4.7	ng/ul	84742	3	14.510	363664	20.0
9H-Fluoren-9-ol	16.003	5.1	ng/ul	117100	4	17.266	460690	20.0
2',4'-Dihydroxy...	16.150	3.4	ng/ul	79081	4	17.266	460690	20.0
1,1'-Biphenyl, ...	16.537	2.6	ng/ul	59776	4	17.266	460690	20.0
9H-Fluoren-9-one	16.919	4.1	ng/ul	94322	4	17.266	460690	20.0
3'-Methyl-[1,1'...	16.996	2.9	ng/ul	66029	4	17.266	460690	20.0
Naphtho[2,1-b]t...	17.084	3.7	ng/ul	84846	4	17.266	460690	20.0
Acridine	17.454	3.6	ng/ul	82920	4	17.266	460690	20.0
unknown-01	17.854	3.1	ng/ul	71019	4	17.266	460690	20.0
Phenanthrene, 2...	18.141	14.4	ng/ul	330442	4	17.266	460690	20.0
Phenanthrene, 1...	18.194	15.1	ng/ul	347772	4	17.266	460690	20.0
1H-Indene, 2-ph...	18.271	6.8	ng/ul	156488	4	17.266	460690	20.0
4H-Cyclopenta[d...	18.341	17.3	ng/ul	397269	4	17.266	460690	20.0
Phenanthrene, 4...	18.371	7.3	ng/ul	168501	4	17.266	460690	20.0
4-Methylcarbazole	18.447	3.4	ng/ul	78799	4	17.266	460690	20.0
5,16[1',2']:8,1...	18.641	6.0	ng/ul	139382	4	17.266	460690	20.0
9,10-Anthracene...	18.688	5.1	ng/ul	117376	4	17.266	460690	20.0
Phenanthrene, 2...	18.976	2.5	ng/ul	57927	4	17.266	460690	20.0
di-p-Tolylacety...	19.058	8.6	ng/ul	197122	4	17.266	460690	20.0
Cyclopenta(def)...	19.205	6.9	ng/ul	159516	4	17.266	460690	20.0
11H-Benzo[b]flu...	20.010	3.1	ng/ul	229933	5	21.526	1478760	20.0
Fluoranthene, 2...	20.180	3.7	ng/ul	272209	5	21.526	1478760	20.0
Pyrene, 1-methyl-	20.339	3.3	ng/ul	245331	5	21.526	1478760	20.0
Benzo[b]naphtho...	21.114	2.7	ng/ul	200821	5	21.526	1478760	20.0
7H-Benz[de]anth...	21.267	3.7	ng/ul	270248	5	21.526	1478760	20.0
Chrysene, 1-met...	22.295	3.3	ng/ul	243546	5	21.526	1478760	20.0
unknown-02	23.288	2.9	ng/ul	89632	6	24.628	621442	20.0
Benzo[e]pyrene	23.894	3.3	ng/ul	103499	6	24.628	621442	20.0
(1-Cyclopenteny...	24.340	4.8	ng/ul	148752	6	24.628	621442	20.0
(DEL) Alkane: S...	25.691	8.5	ng/ul	265461	6	24.628	621442	20.0