LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CF4

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: BG061919.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.248	667	674	684	rVB	267400	464230	5.93%	0.491%
2	7.418	694	703	711	rBV	171320	276589	3.53%	0.293%
3	7.624	728	738	744	rBV2	231991	413312	5.28%	0.437%
4	8.094	810	818	824	rBV2	193049	337891	4.32%	0.357%
5	8.793	927	937	945	rBV2	315643	546486	6.98%	0.578%
6	9.257	1009	1016	1023	rBV	278782	476955	6.09%	0.505%
7	9.980	1129	1139	1149	rVB	244321	448782	5.73%	0.475%
8	10.520	1224	1231	1238	rVB	347215	607716	7.77%	0.643%
9	10.908	1290	1297	1302	rVV	297551	547742	7.00%	0.579%
10	11.043	1312	1320	1329	rBV2	69246	154676	1.98%	0.164%
11	14.040	1823	1830	1835	rVV	178722	316332	4.04%	0.335%
12	14.116	1835	1843	1850	rVV	619076	1046032	13.37%	1.107%
13	14.275	1864	1870	1873	rVV	96789	146760	1.88%	0.155%
14	14.416	1887	1894	1904	rBV	627467	1118047	14.29%	1.183%
15	14.715	1932	1945	1951	rBV	489594	843144	10.77%	0.892%
16	14.780	1951	1956	1962	rVB3	89630	158502	2.03%	0.168%
17	14.903	1972	1977	1988	rVB3	312408	568145	7.26%	0.601%
18	15.109	2006	2012	2018	rVB2	179135	295341	3.77%	0.312%
19	15.185	2019	2025	2032	rBV	144974	205949	2.63%	0.218%
20	15.326	2044	2049	2054	rBV2	124055	218129	2.79%	0.231%
21	15.497	2070	2078	2081	rBV3	106527	224340	2.87%	0.237%
22	15.702	2108	2113	2118	rVV	797567	1236769	15.80%	1.308%
23	15.761	2118	2123	2129	rVV2	289114	541546	6.92%	0.573%
24	15.820	2129	2133	2138	rVV	311114	469701	6.00%	0.497%
25	16.049	2167	2172	2181	rVB	134307	245058	3.13%	0.259%
26	16.196	2189	2197	2205	rVB2	140806	305813	3.91%	0.324%
27	16.425	2227	2236	2244	rBV5	158588	348065	4.45%	0.368%
28	16.760	2284	2293	2298	rBV3	193834	413576	5.28%	0.438%
29	16.807	2298	2301	2307	rVB3	109508	164202	2.10%	0.174%
30	16.907	2314	2318	2324	rVB	110758	170164	2.17%	0.180%
31	16.983	2324	2331	2335	rBV4	128414	279126	3.57%	0.295%
32	17.112	2348	2353	2358	rBV	192811	293835	3.75%	0.311%
33	17.189	2358	2366	2372	rVV3	148116	317045	4.05%	0.335%
34	17.277	2376	2381	2388	rVB	257803	395889	5.06%	0.419%
35	17.459	2406	2412	2415	rBV	557910	919575	11.75%	0.973%
36	17.506	2415	2420	2425	rVV	3431786	5381978	68.77%	5.694%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CF4

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	17.559	2425	2429	2432	rVV	866005	1280918	16.37%	1.355%
38	17.594	2432	2435	2439	rVV	460161	628685	8.03%	0.665%
39	17.635	2439	2442	2449	rVB3	76635	170150	2.17%	0.180%
40	17.888	2482	2485	2489	rVV	77764	146918	1.88%	0.155%
41	17.976	2496	2500	2505	rVV	186227	265261	3.39%	0.281%
42	18.041	2505	2511	2519	rVV2	271844	455264	5.82%	0.482%
43	18.182	2530	2535	2543	rVB2	121706	242594	3.10%	0.257%
44	18.252	2543	2547	2551	rBV2	105843	175554	2.24%	0.186%
45	18.335	2555	2561	2565	rVV	1065407	1638407	20.94%	1.733%
46	18.382	2565	2569	2575	rVB	1232123	1781272	22.76%	1.884%
47	18.464	2578	2583	2587	rVV	260085	379932	4.85%	0.402%
48	18.523	2587	2593	2597	rVV2	1308553	2495048	31.88%	2.640%
49	18.564	2597	2600	2606	rVB	814837	1105663	14.13%	1.170%
50	18.628	2606	2611	2616	rBV3	91619	175462	2.24%	0.186%
51	18.822	2639	2644	2648	rBV	532818	748792	9.57%	0.792%
52	18.869	2648	2652	2657	rVB2	235024	353901	4.52%	0.374%
53	19.069	2682	2686	2690	rVB2	231428	292953	3.74%	0.310%
54	19.116	2690	2694	2698	rBV	208101	244872	3.13%	0.259%
55	19.157	2698	2701	2705	rVB	201341	252056	3.22%	0.267%
56	19.239	2709	2715	2720	rBV2	653891	1243029	15.88%	1.315%
57	19.298	2720	2725	2729	rBV3	280049	500896	6.40%	0.530%
58	19.386	2734	2740	2752	rVV3	646707	1310472	16.75%	1.386%
59	19.515	2754	2762	2767	rVV	4853284	7825614	100.00%	8.279%
60	19.562	2767	2770	2773	rVV	177286	233587	2.98%	0.247%
61	19.598	2773	2776	2781	rVB3	221837	321908	4.11%	0.341%
62	19.698	2788	2793	2796	rBV4	132461	192915	2.47%	0.204%
63	19.745	2797	2801	2804	rVV	153723	208307	2.66%	0.220%
64	19.839	2811	2817	2819	rBV3	1347134	2248394	28.73%	2.379%
65	19.874	2819	2823	2829	rVV	4450394	6628525	84.70%	7.013%
66	19.933	2829	2833	2839	rVB2	335009	512773	6.55%	0.542%
67	20.038	2847	2851	2856	rVV	263004	425009	5.43%	0.450%
68	20.091	2856	2860	2866	rVB3	192448	328428	4.20%	0.347%
69	20.191	2869	2877	2885	rBV3	586740	1478590	18.89%	1.564%
70	20.350	2901	2904	2909	rVB	817957	1217966	15.56%	1.289%
71	20.450	2917	2921	2925	rBV	376277	543077	6.94%	0.575%
72	20.514	2925	2932	2936	rVV2	675502	1080927	13.81%	1.144%
73	20.649	2951	2955	2959	rBV3	484266	662461	8.47%	0.701%
74	20.696	2959	2963	2972	rVB	542206	826255	10.56%	0.874%
75	20.808	2979	2982	2986	rVB3	154247	216980	2.77%	0.230%
76	21.114	3029	3034	3040	rVB	544941	889574	11.37%	0.941%

LSC Area Percent Report

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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

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-BG070224.MA.M
Title : SVOA CALIBRATION

77	21.208	3048	3050	3056	rVB	110847	156269	2.00%	0.165%
78	21.296	3057	3065	3069	rVV2	433745	1084645	13.86%	1.147%
79	21.349	3069	3074	3078	rVV2	713783	1345031	17.19%	1.423%
80	21.390	3078	3081	3086	rVV2	472578	888771	11.36%	0.940%
81	21.449	3087	3091	3099	rVB	557894	1014887	12.97%	1.074%
82	21.713	3129	3136	3142	rBV2	2458515	5438432	69.50%	5.754%
83	21.778	3142	3147	3158	rVB	2229127	4016207	51.32%	4.249%
84	21.919	3167	3171	3177	rVB3	203601	378147	4.83%	0.400%
85	21.995	3179	3184	3190	rBV6	115732	290894	3.72%	0.308%
86	22.195	3214	3218	3223	rVB7	126435	190507	2.43%	0.202%
87	22.377	3245	3249	3254	rBV3	117167	214057	2.74%	0.226%
88	22.453	3254	3262	3268	rVV	485497	1080129	13.80%	1.143%
89	22.530	3269	3275	3284	rVB2	381757	922390	11.79%	0.976%
90	22.729	3305	3309	3313	rBV2	175553	314114	4.01%	0.332%
91	22.876	3328	3334	3342	rVB3	163150	395144	5.05%	0.418%
92	23.951	3506	3517	3523	rBV2	1357985	4631307	59.18%	4.900%
93	24.192	3553	3558	3573	rVB2	295175	849550	10.86%	0.899%
94	24.668	3633	3639	3646	rBV	273079	687475	8.78%	0.727%
95	24.751	3647	3653	3658	rVV2	258004	654303	8.36%	0.692%
96	24.821	3658	3665	3679	rVB	752845	2168413	27.71%	2.294%
97	24.974	3681	3691	3699	rBV2	403344	1264268	16.16%	1.338%
98	26.137	3881	3889	3901	rVB4	336490	1025507	13.10%	1.085%
99	28.675	4310	4321	4345	rVB4	386274	2178967	27.84%	2.305%
100	29.163	4395	4404	4416	rVB3	179919	707349	9.04%	0.748%

Sum of corrected areas: 94523594

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
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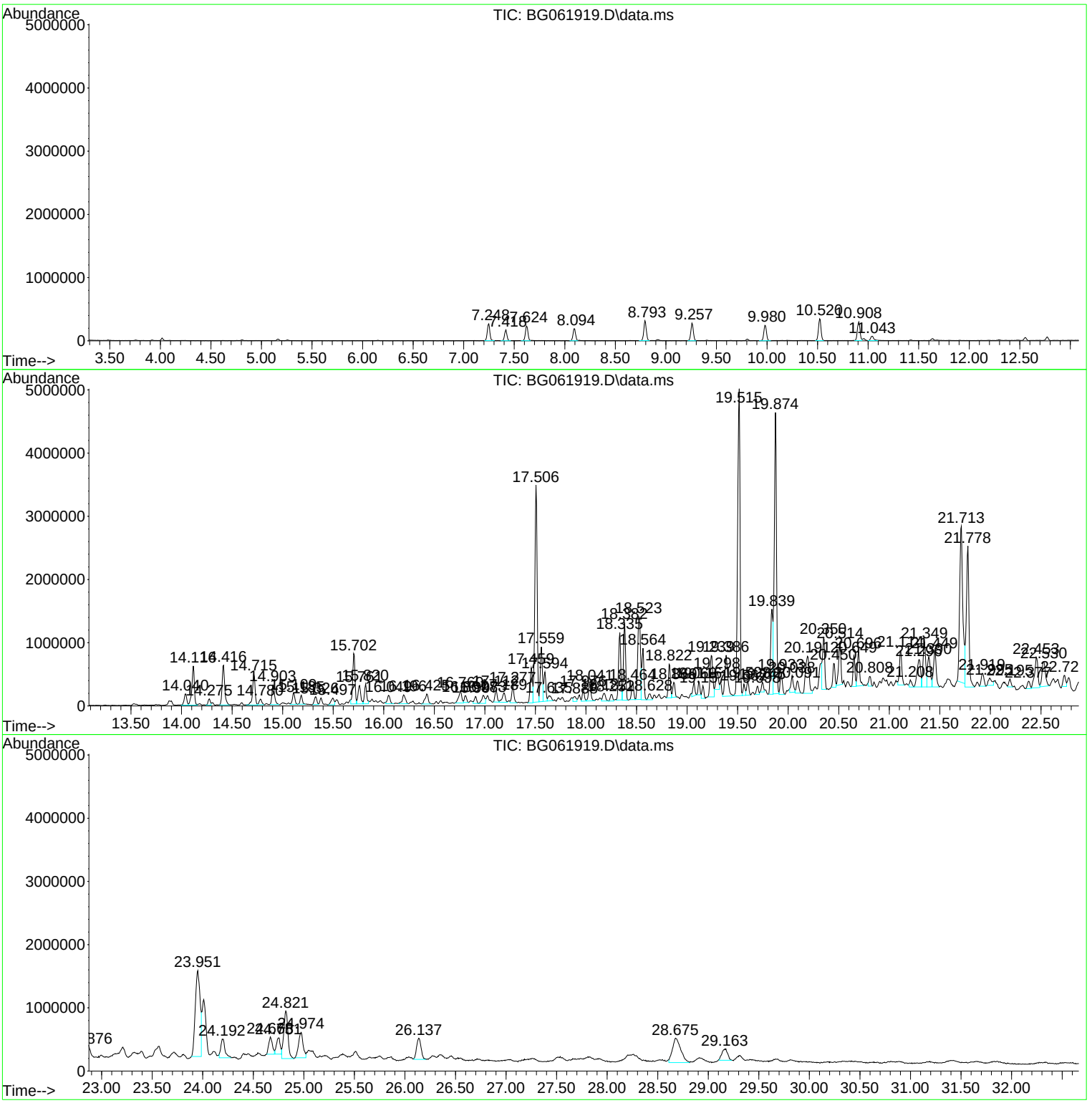
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

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\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

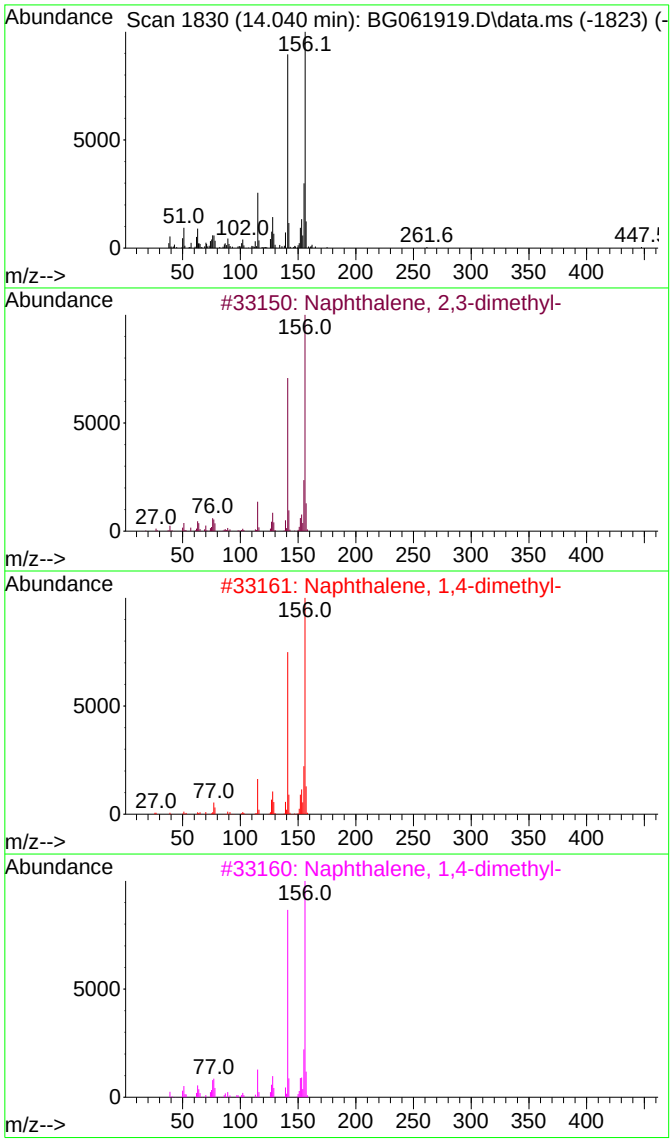
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

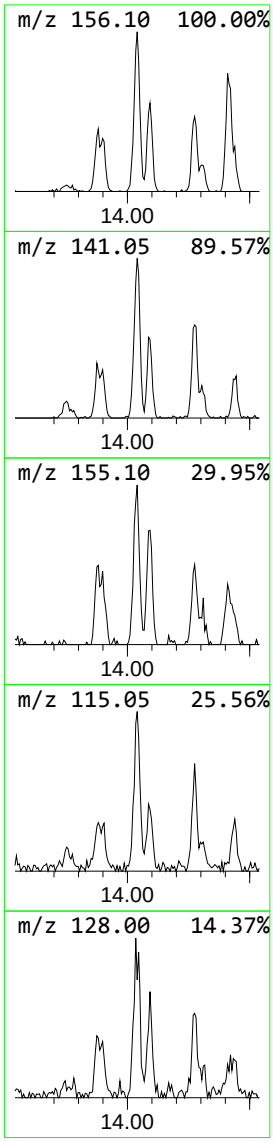
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.040	7.50 ng/ul	316332	Acenaphthene-d10	14.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

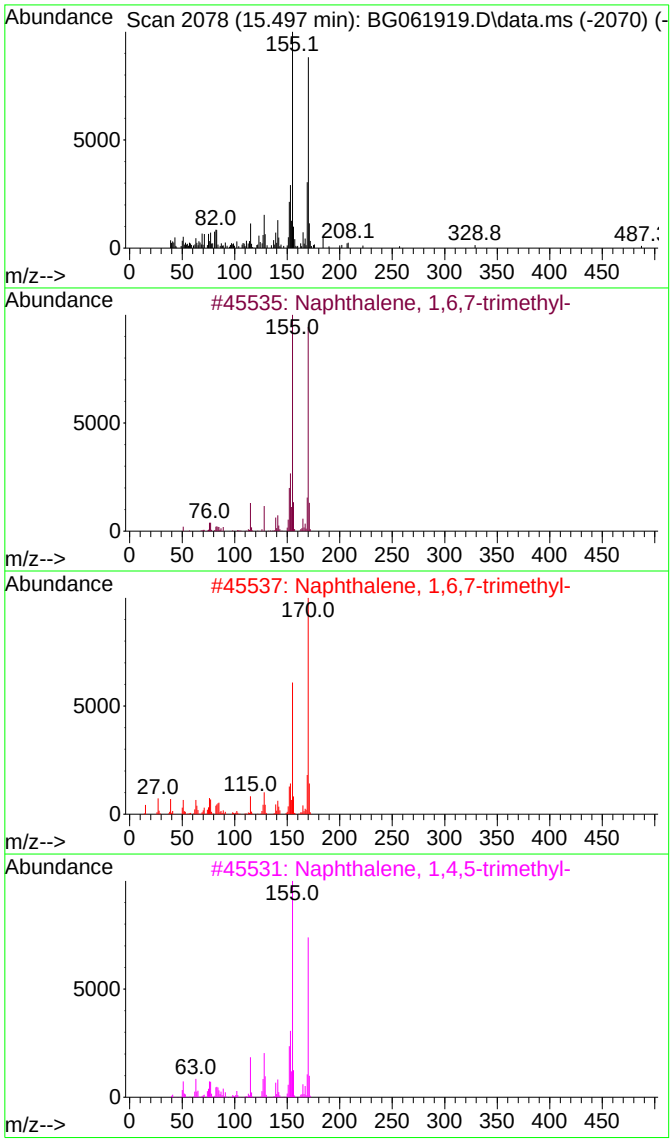
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

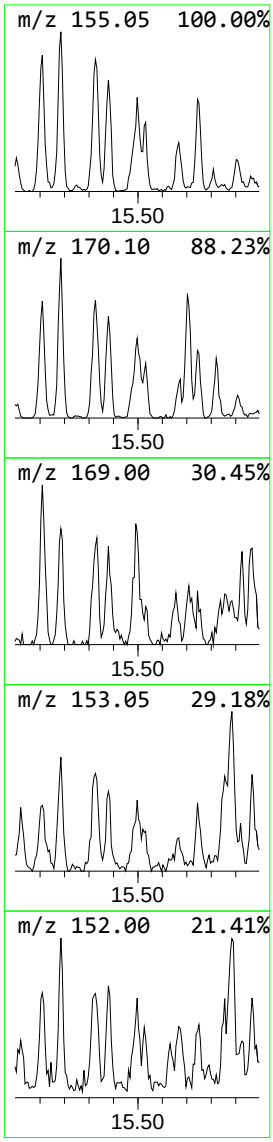
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.497	5.32 ng/ul	224340	Acenaphthene-d10	14.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

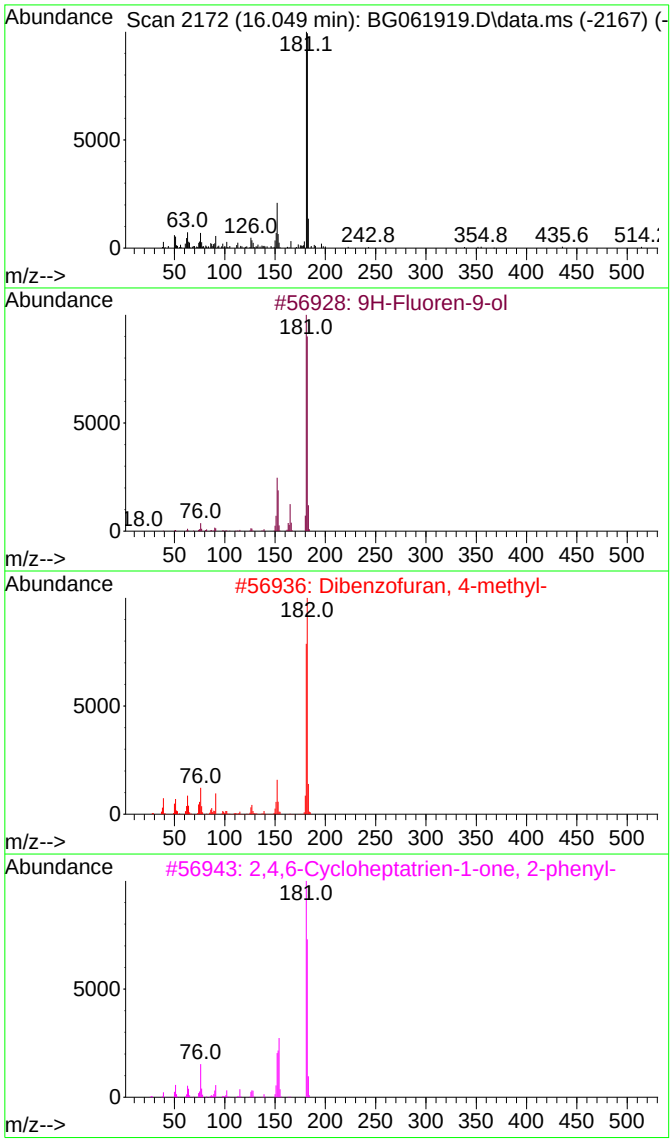
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

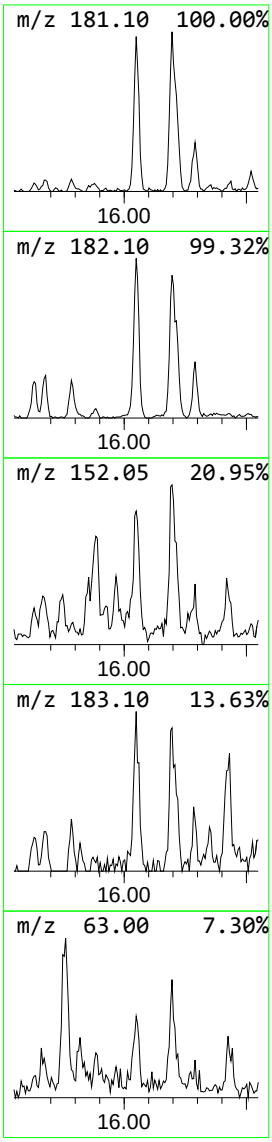
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluoren-9-ol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.049	5.81 ng/ul	245058	Acenaphthene-d10	14.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	83
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

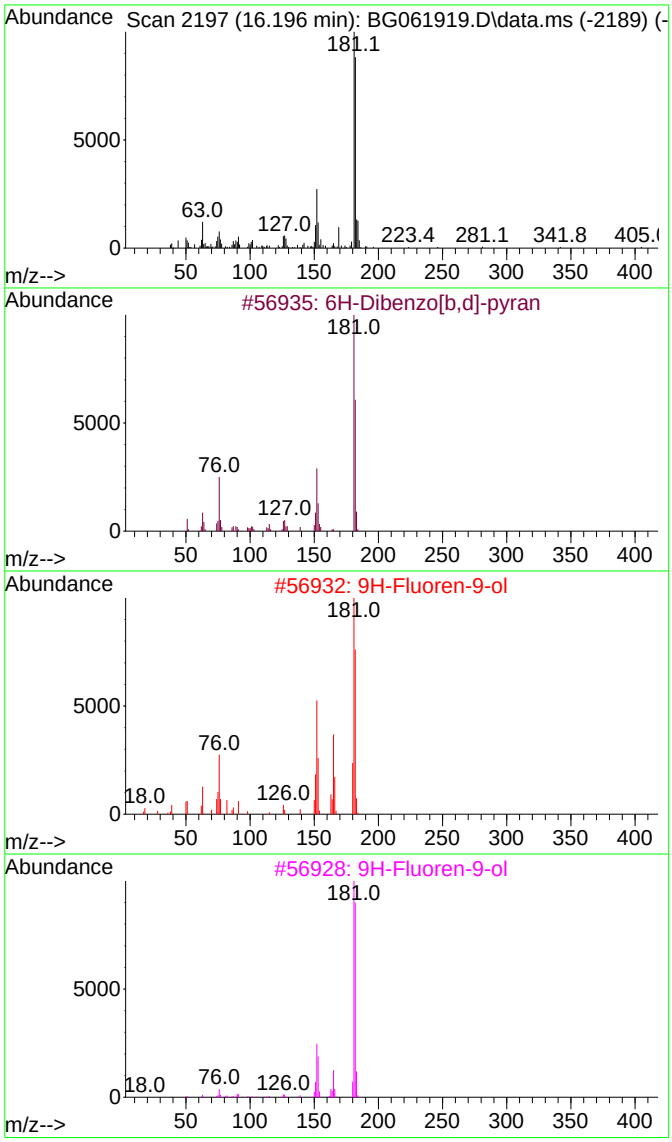
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

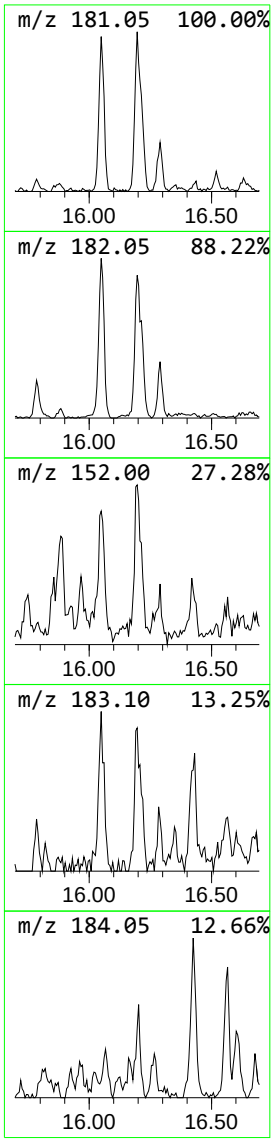
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 6H-Dibenzo[b,d]-pyran Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.196	6.65 ng/ul	305813	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

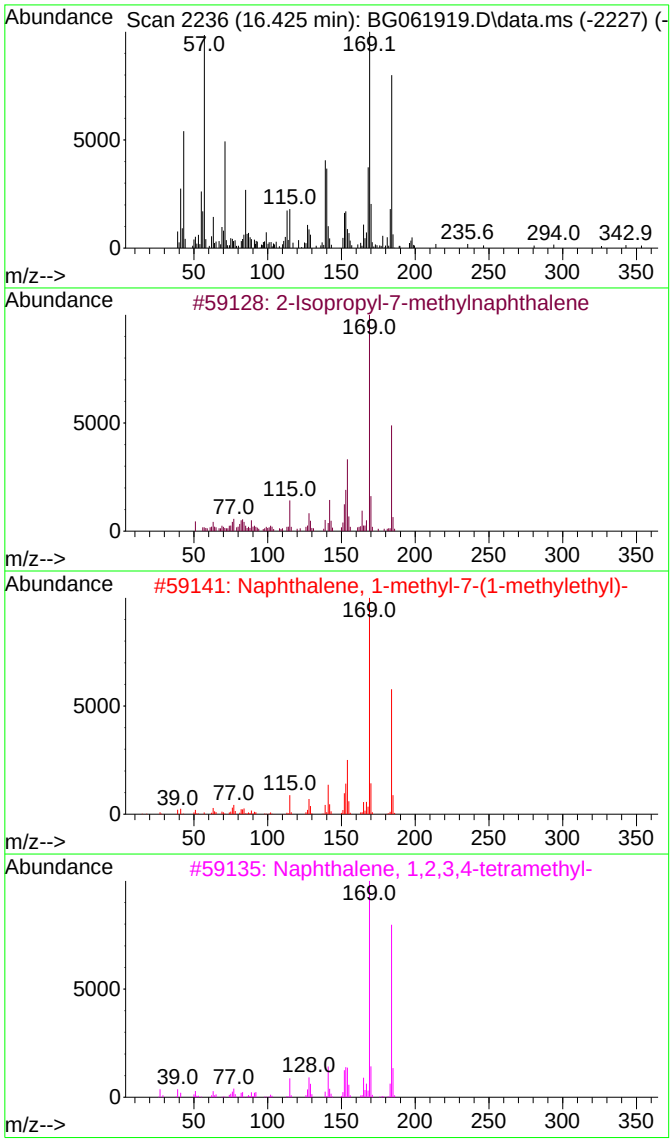
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

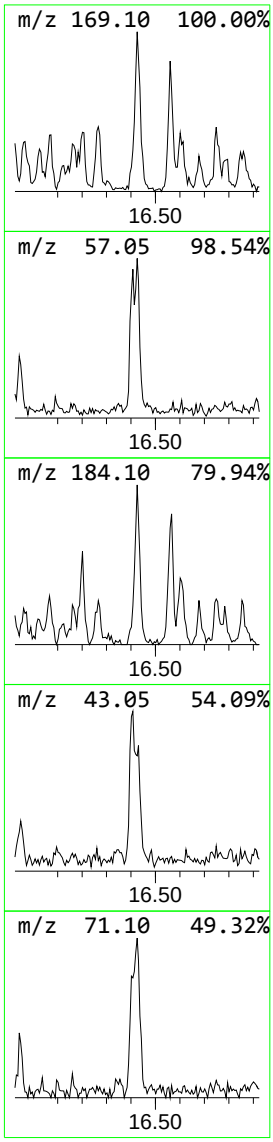
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Isopropyl-7-methylnaphtha... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.425	7.57 ng/ul	348065	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	55
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
4	Chamazulene	184	C14H16	000529-05-5	50
5	Chamazulene	184	C14H16	000529-05-5	49





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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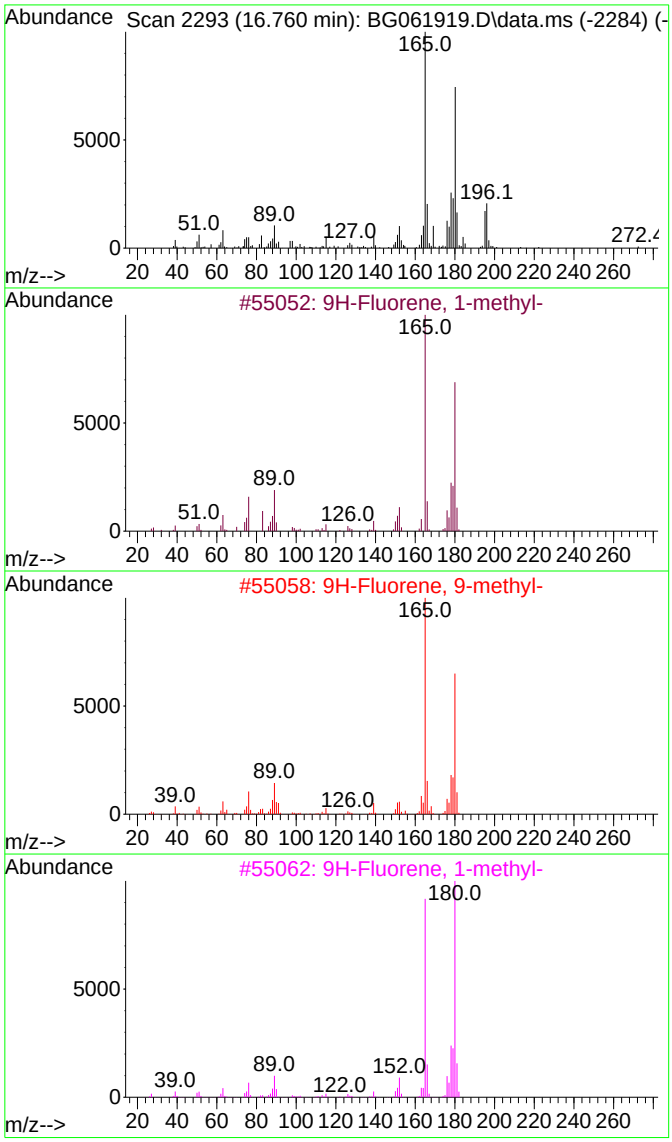
Quant Title : SVOA CALIBRATION

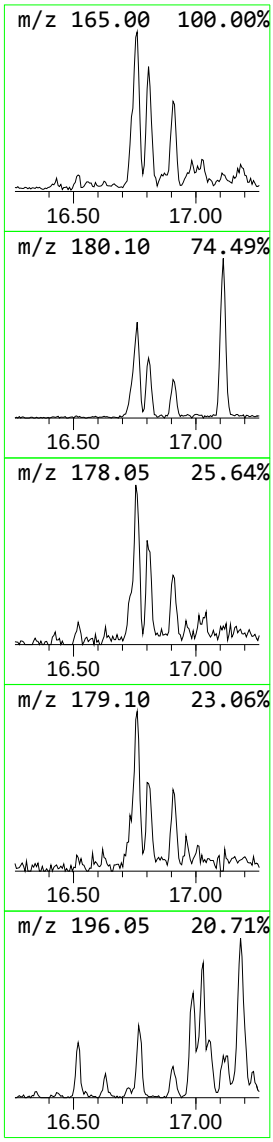
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.760	8.99 ng/ul	413576	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81





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Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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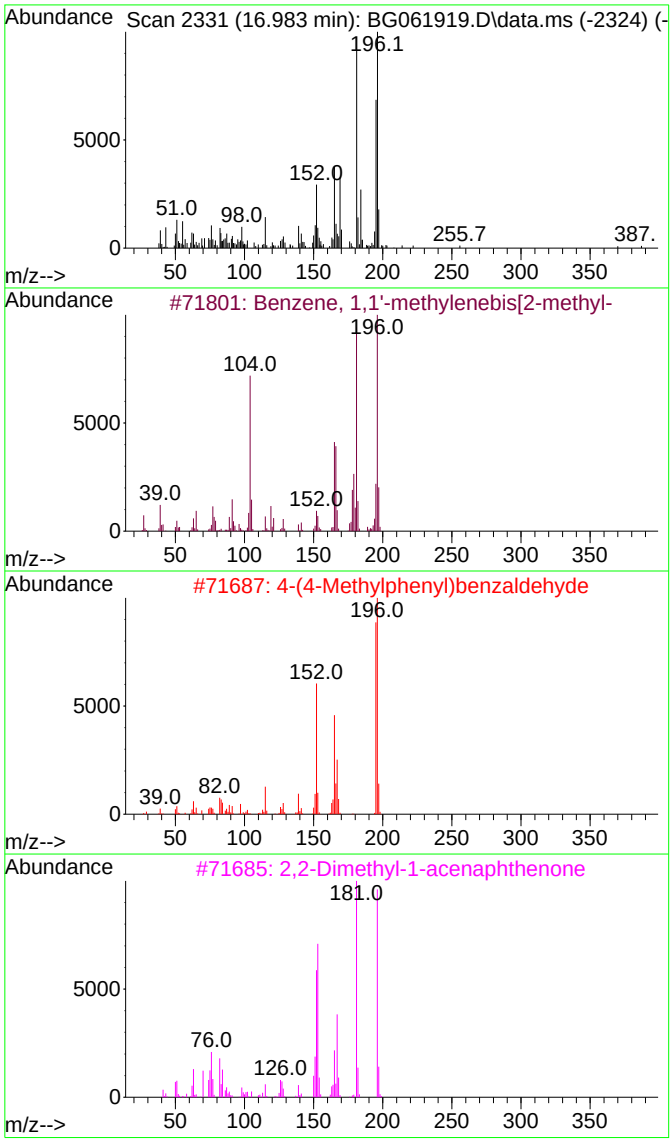
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

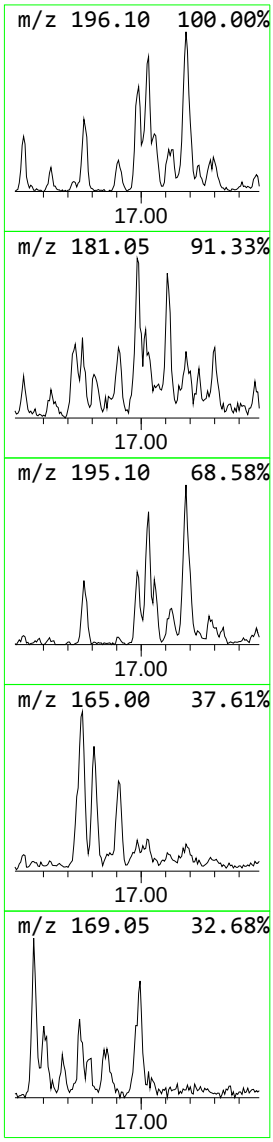
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,1'-methylenebis[... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.983	6.07 ng/ul	279126	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	68
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	64
3	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	64
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	55
5	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	52





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Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

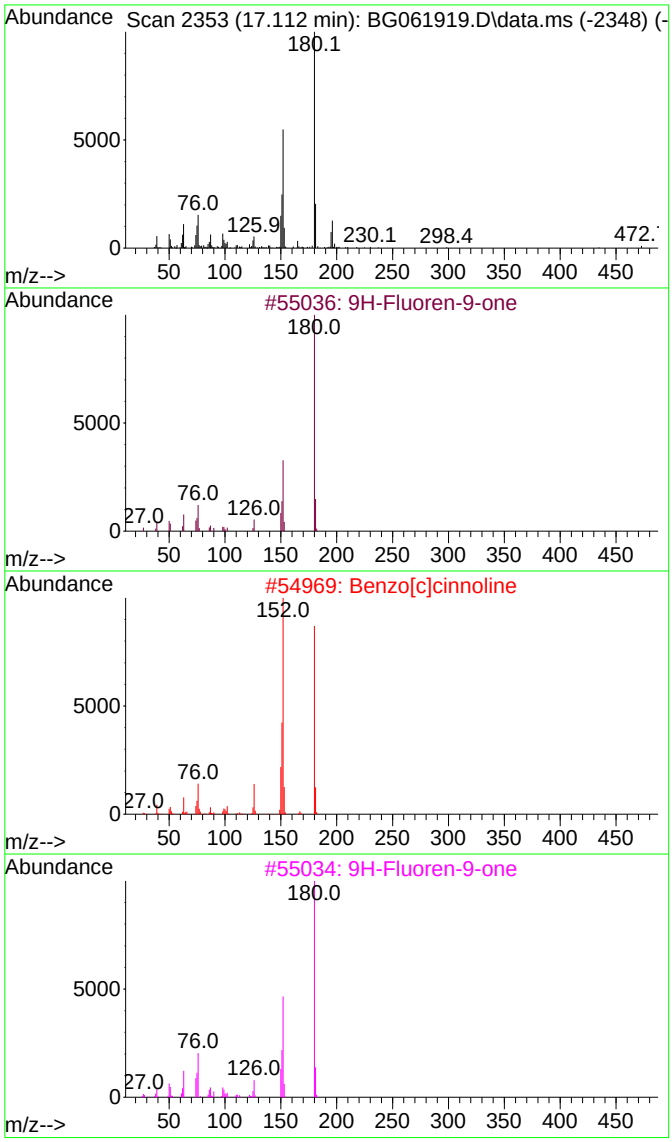
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

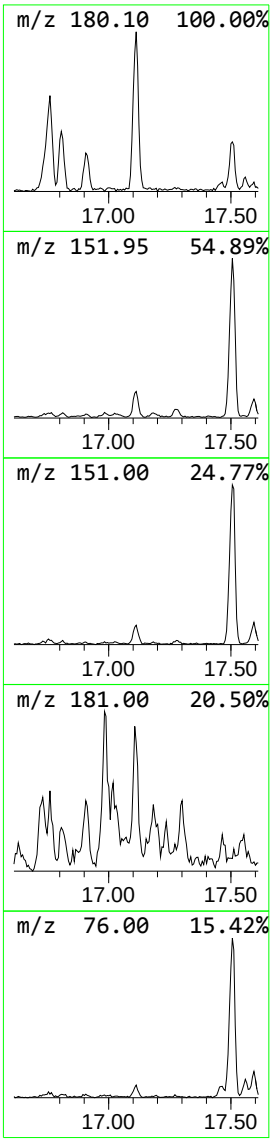
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.112	6.39 ng/ul	293835	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83





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Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

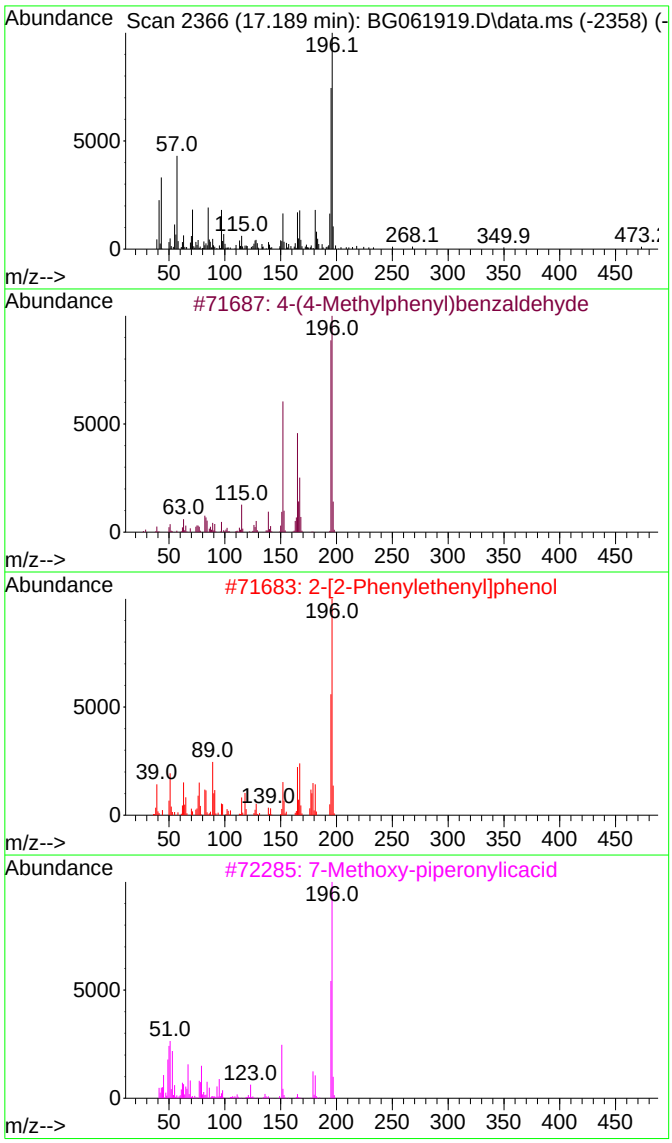
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

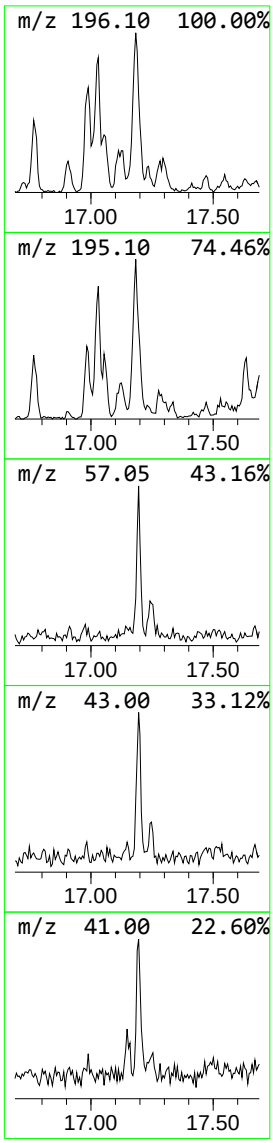
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4-(4-Methylphenyl)benzaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.189	6.90 ng/ul	317045	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
3	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	53
4	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	47
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	47





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Misc :
ALS Vial : 29 Sample Multiplier: 1

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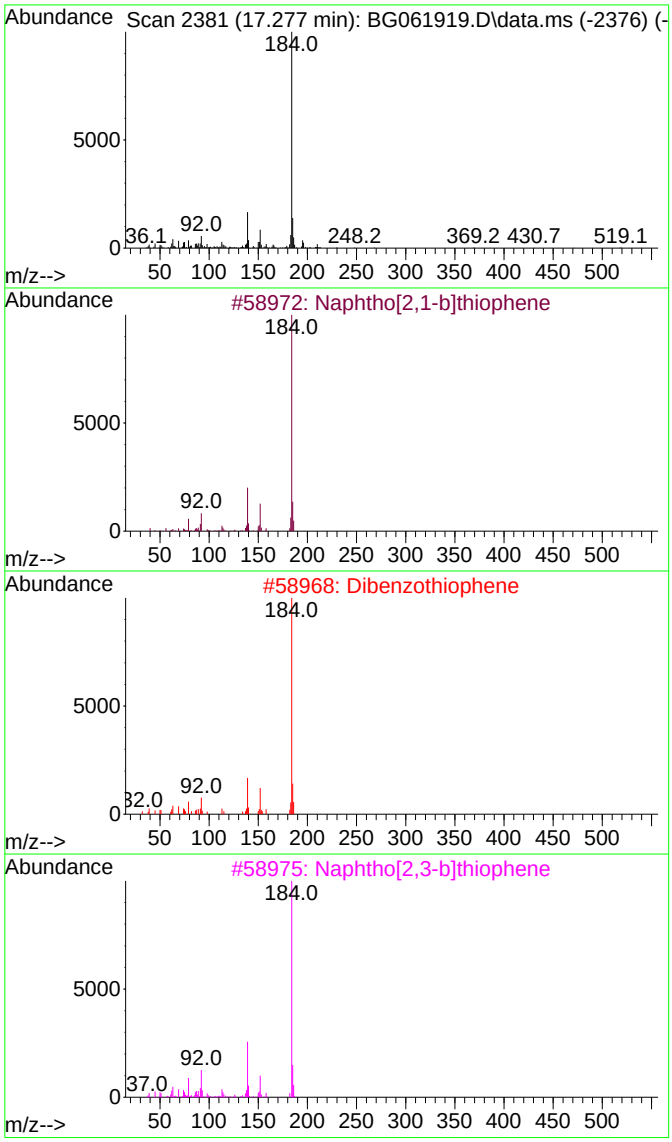
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

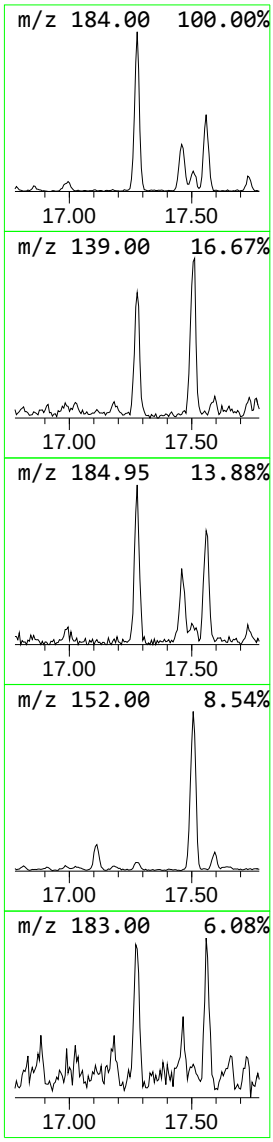
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.277	8.61 ng/ul	395889	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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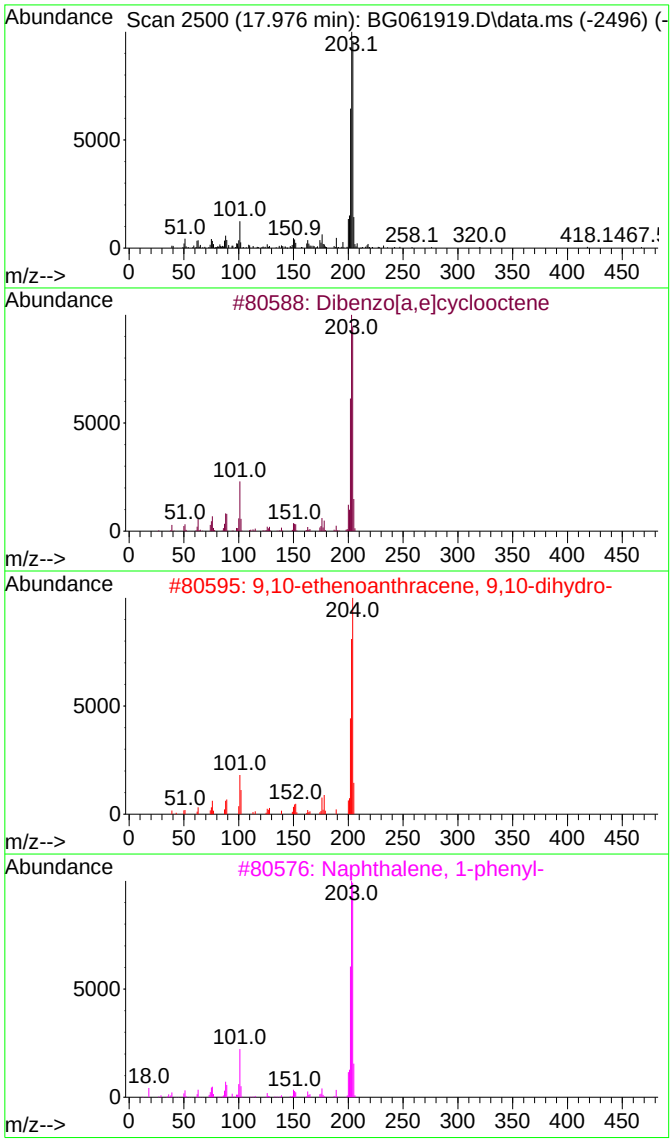
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

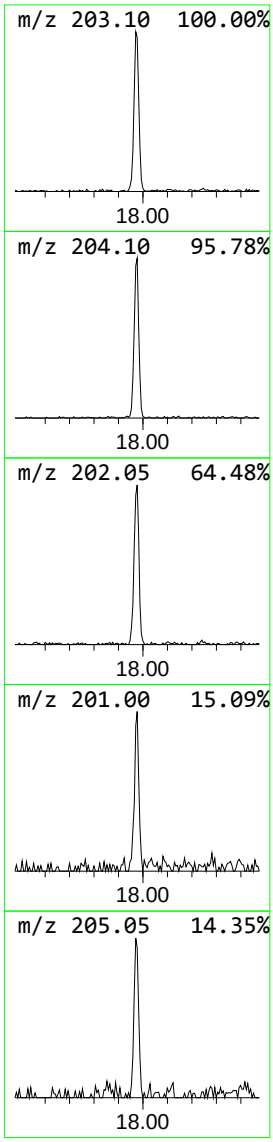
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dibenzo[a,e]cyclooctene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.976	5.77 ng/ul	265261	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
2	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	89
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76





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Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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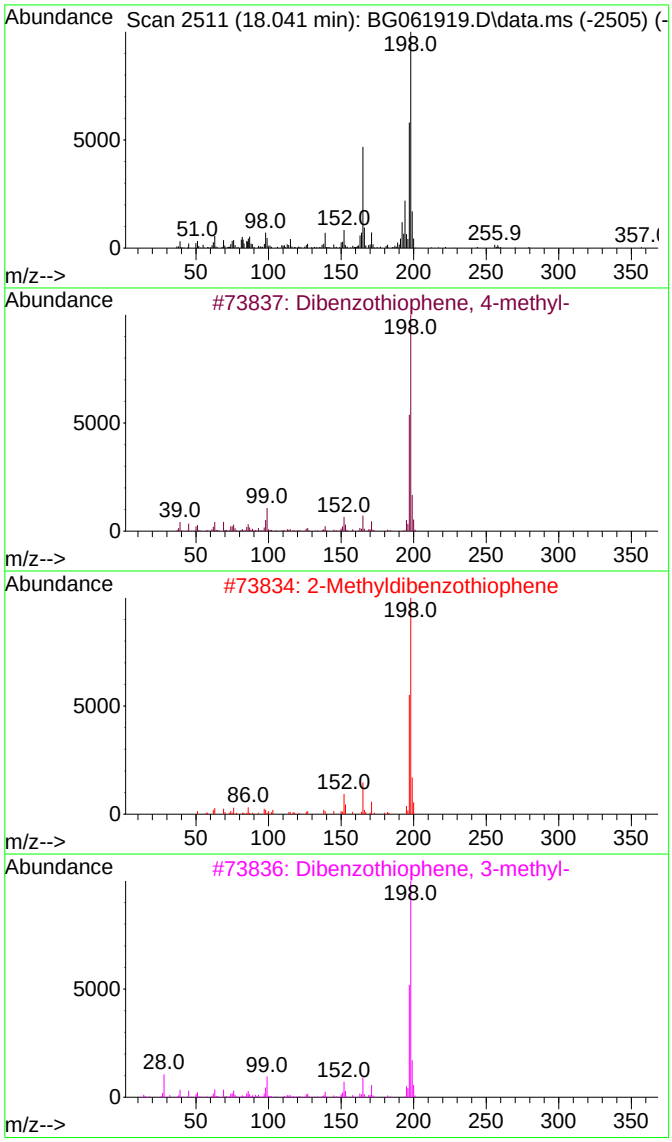
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

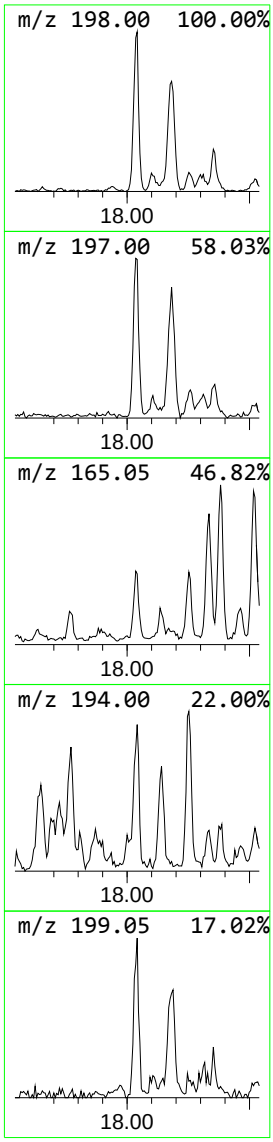
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dibenzothiophene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.041	9.90 ng/ul	455264	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	64
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
4	Methanethione, diphenyl-	198	C13H10S	001450-31-3	59
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49





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Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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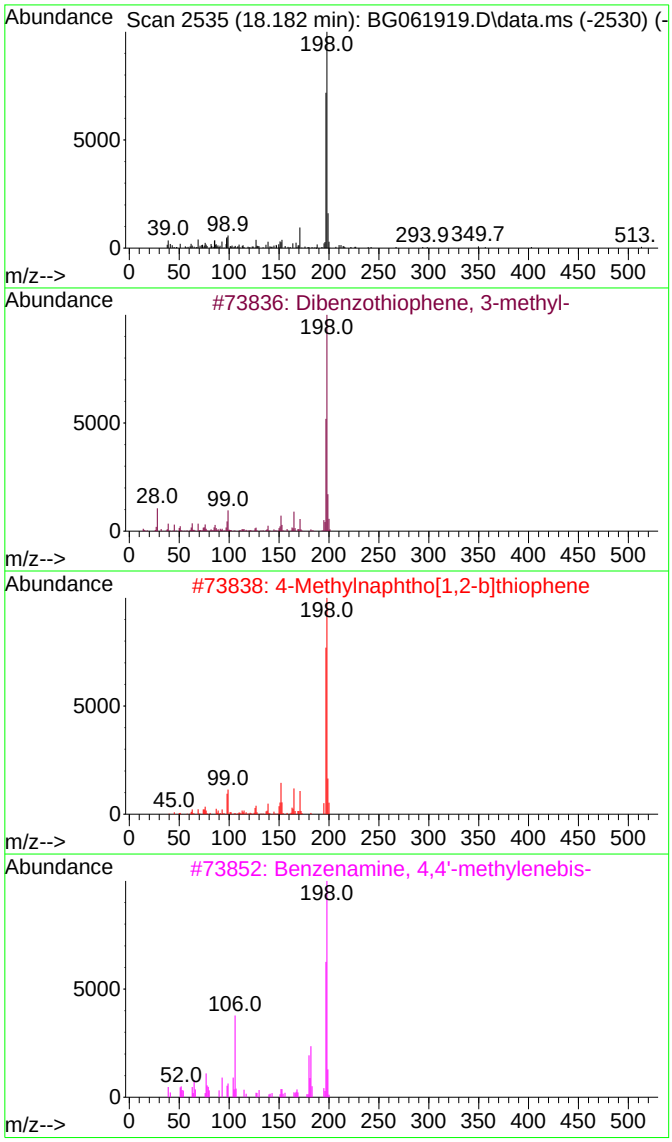
Quant Title : SVOA CALIBRATION

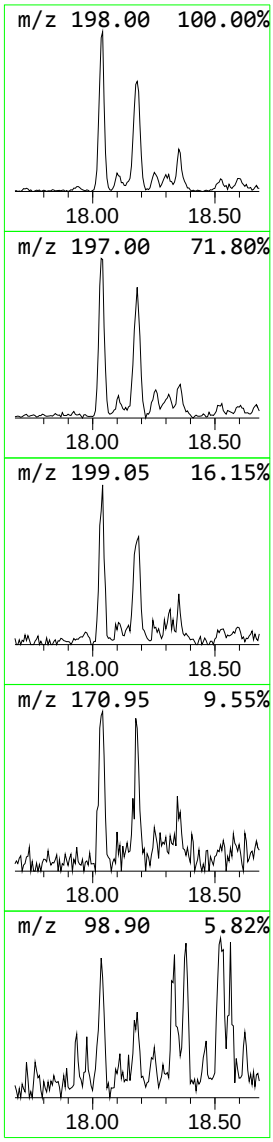
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dibenzothiophene, 3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.182	5.28 ng/ul	242594	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	86
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	78





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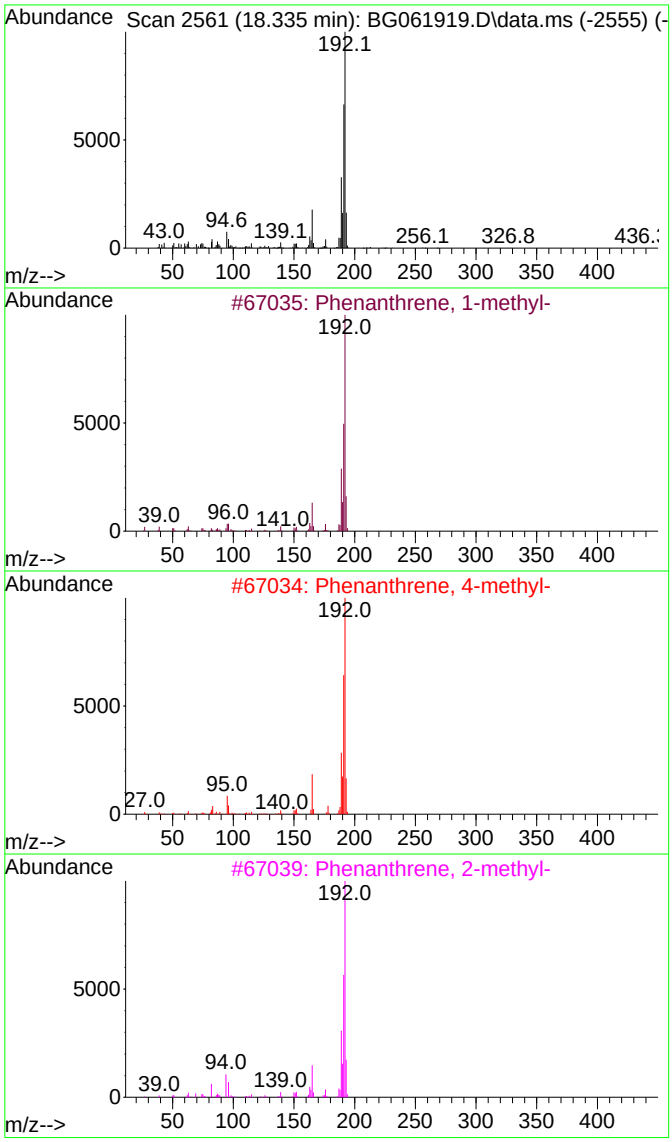
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

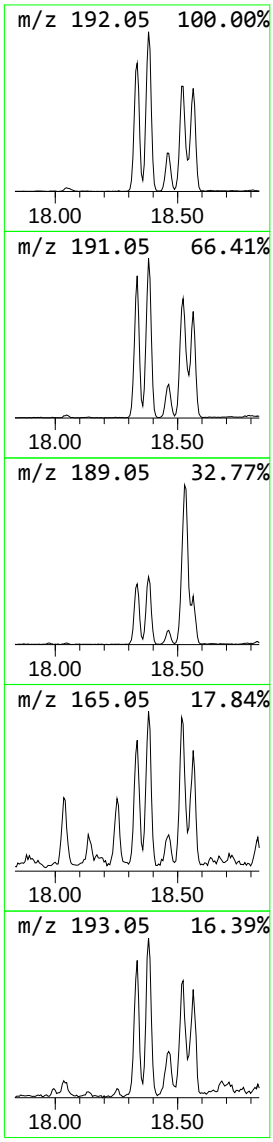
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	35.63 ng/ul	1638410	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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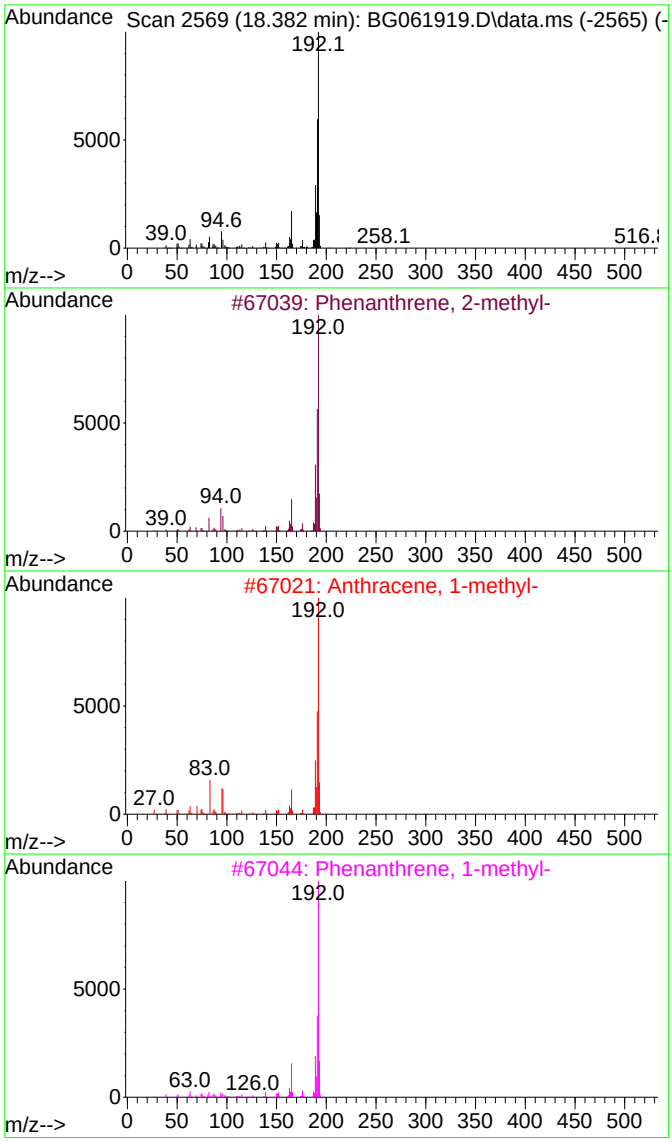
Quant Title : SVOA CALIBRATION

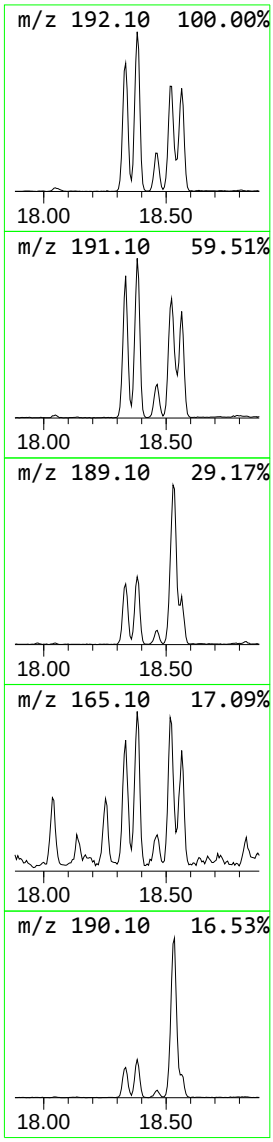
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	38.74 ng/ul	1781270	Phenanthrene-d10	17.459

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	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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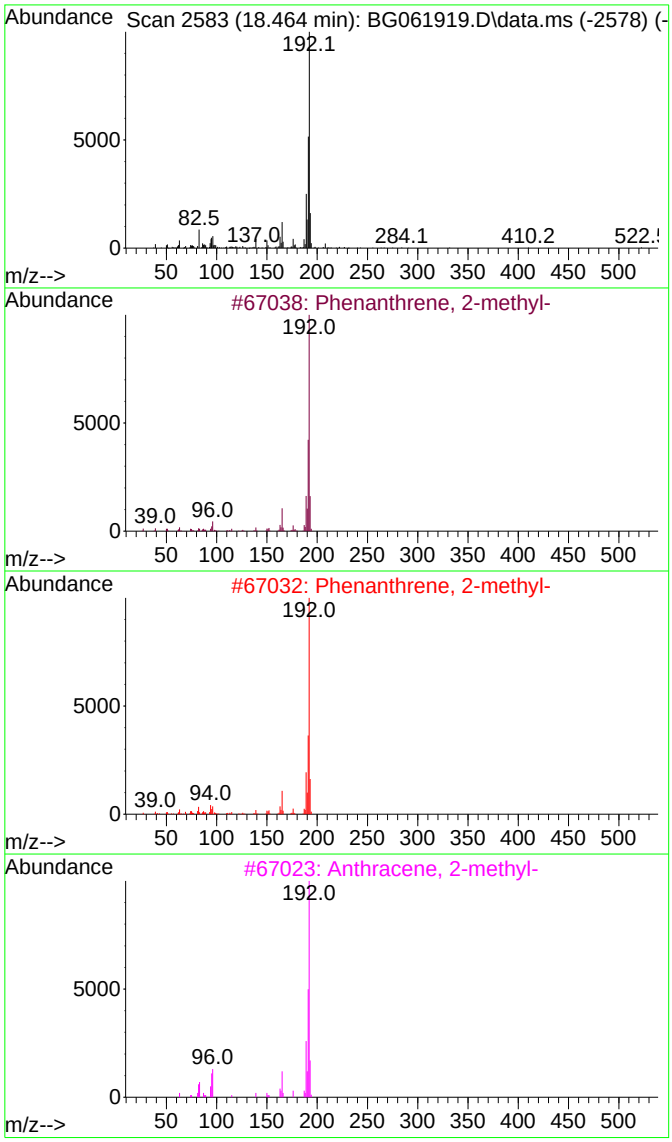
Quant Title : SVOA CALIBRATION

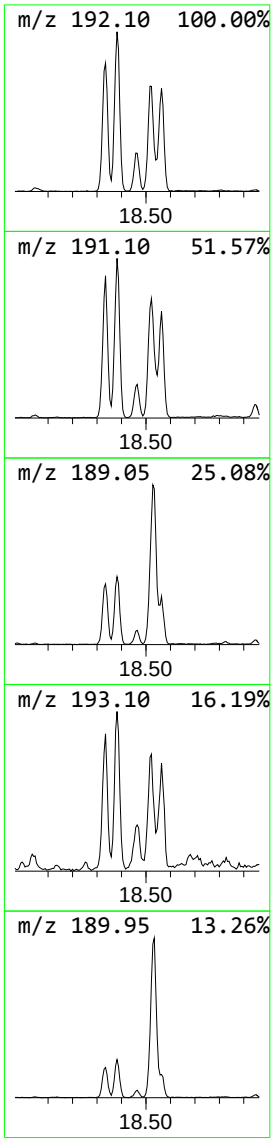
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.464	8.26 ng/ul	379932	Phenanthrene-d10	17.459

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





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

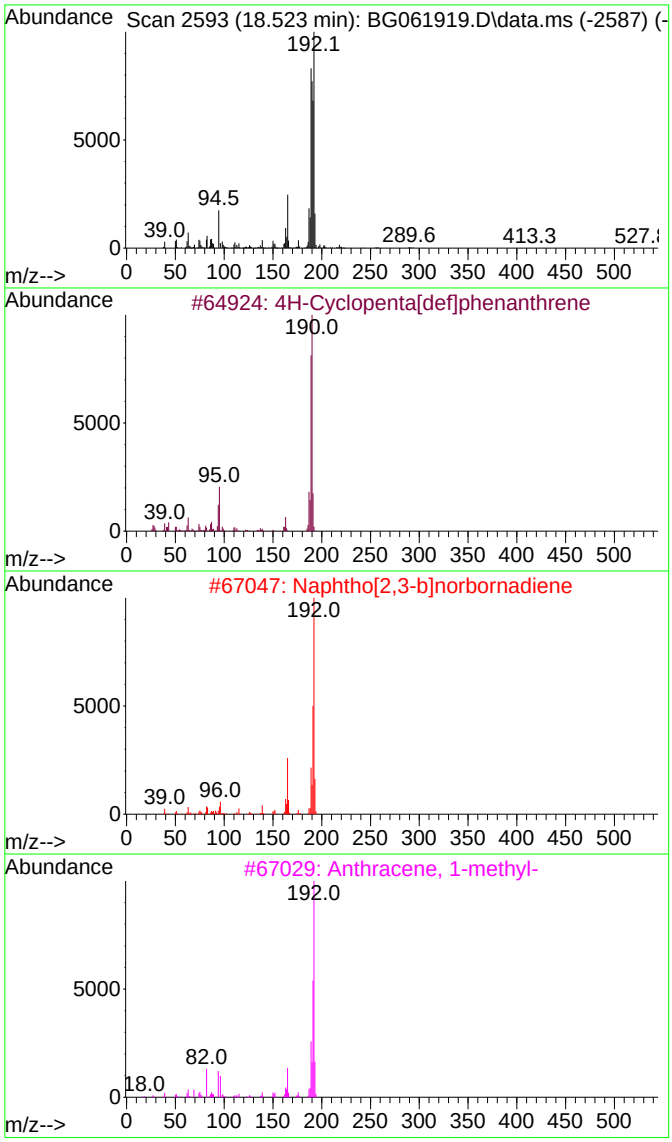
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

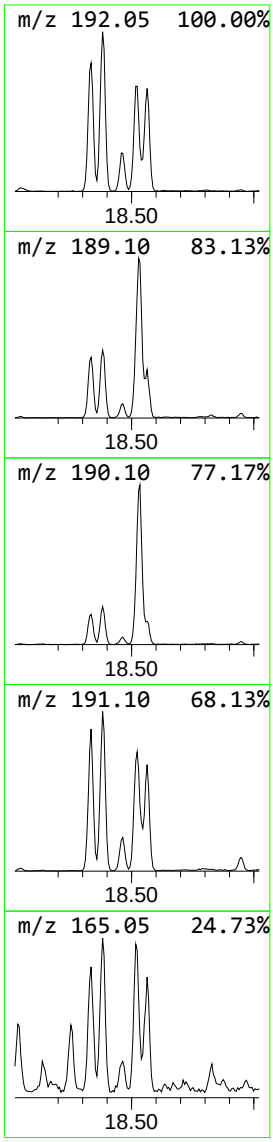
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.523	54.27 ng/ul	2495050	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

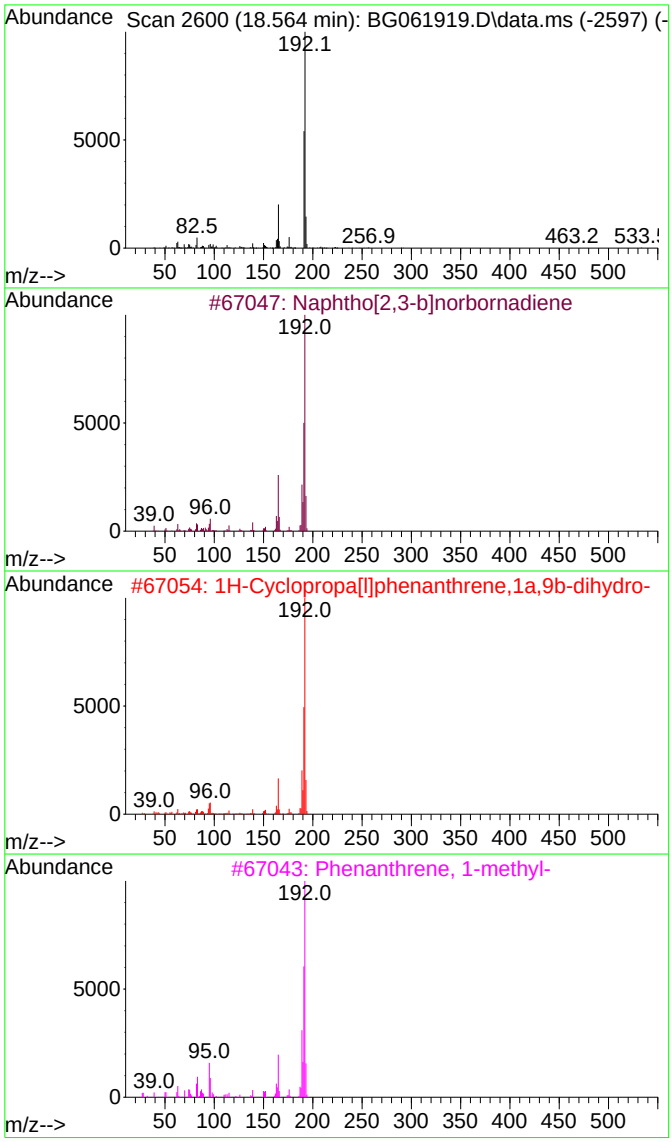
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

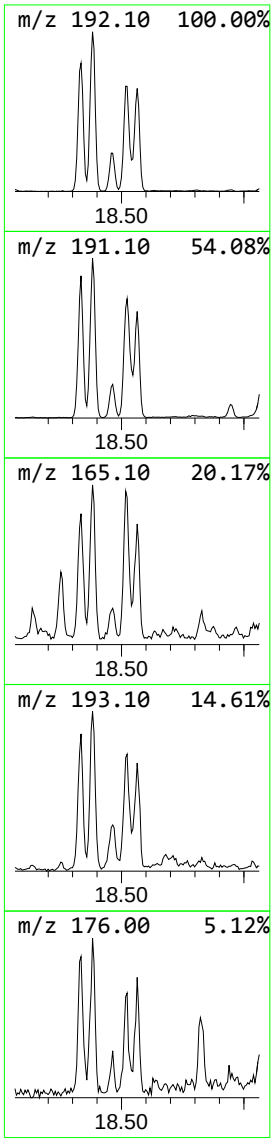
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphtho[2,3-b]norbornadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.564	24.05 ng/ul	1105660	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

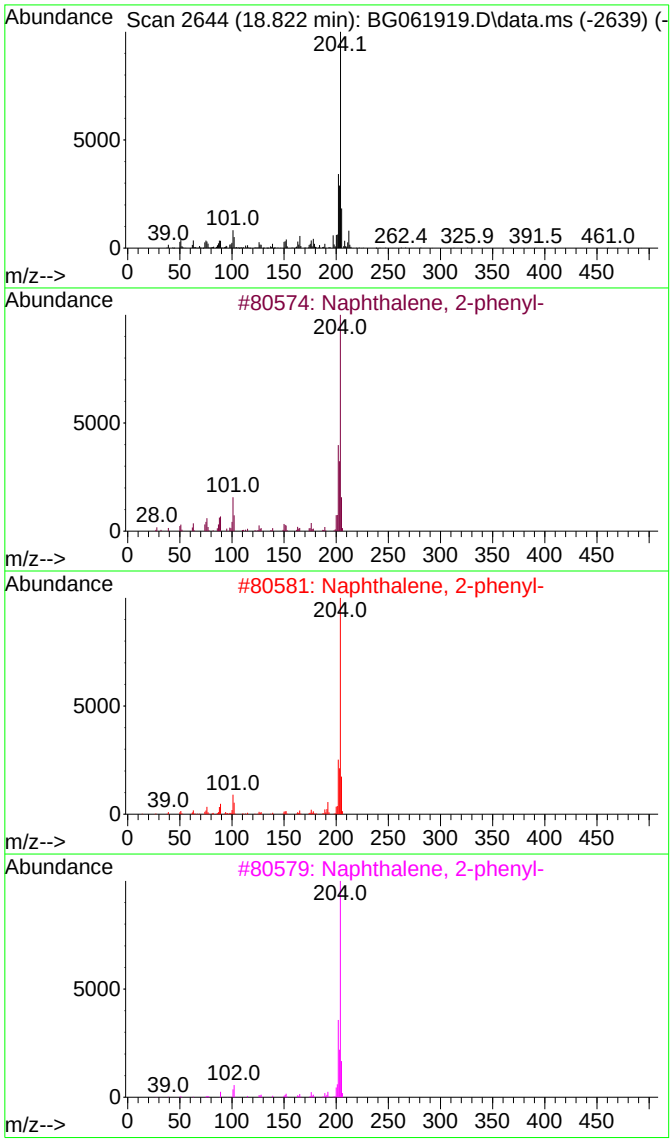
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

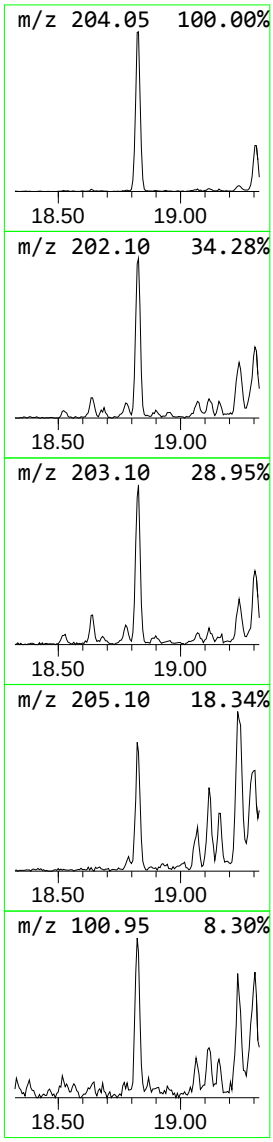
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.822	16.29 ng/ul	748792	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CF4

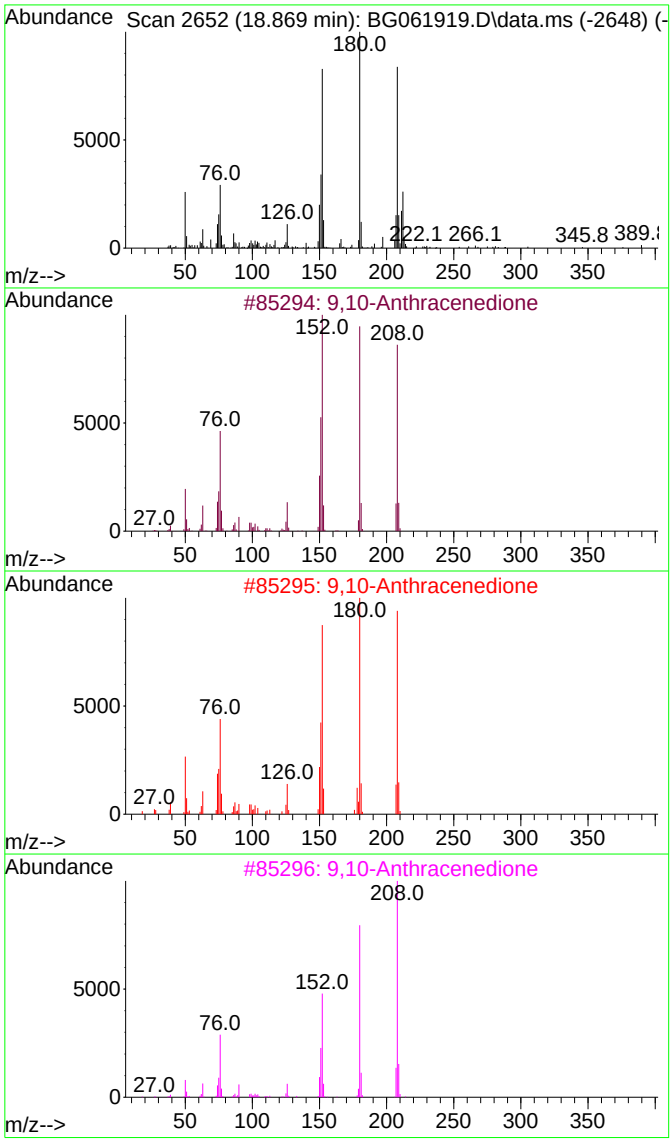
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

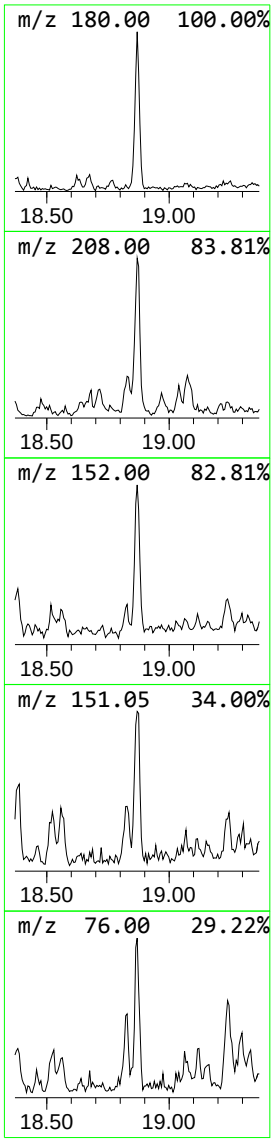
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	7.70 ng/ul	353901	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

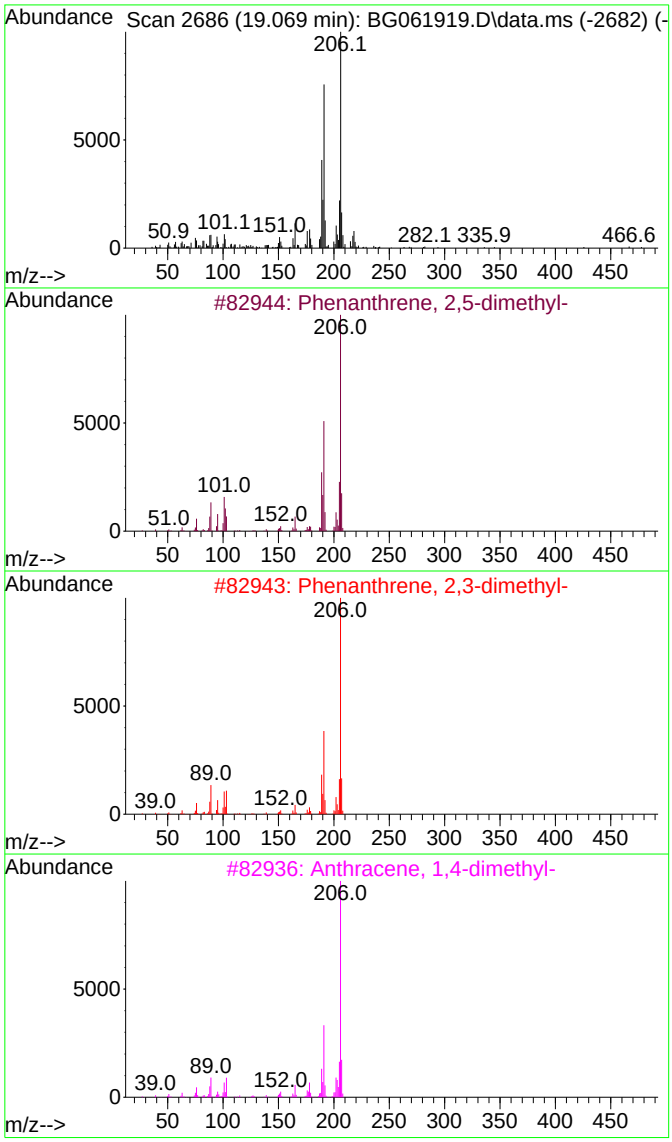
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

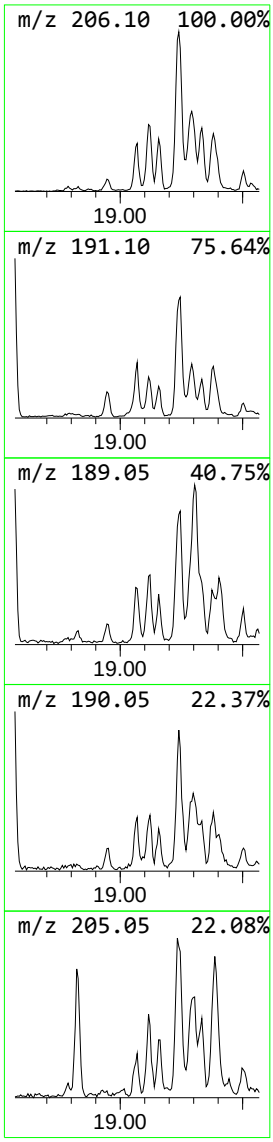
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	6.37 ng/ul	292953	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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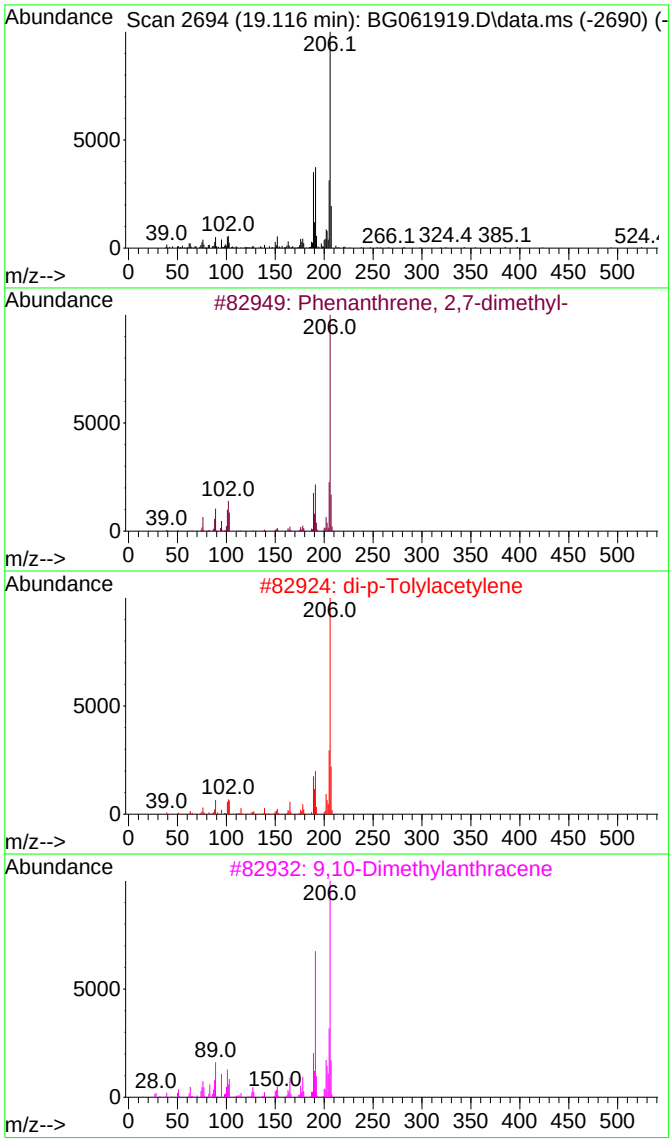
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

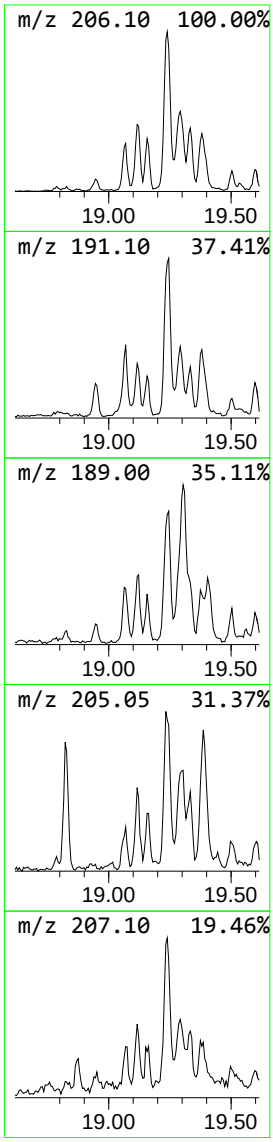
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Phenanthrene, 2,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	5.33 ng/ul	244872	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 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

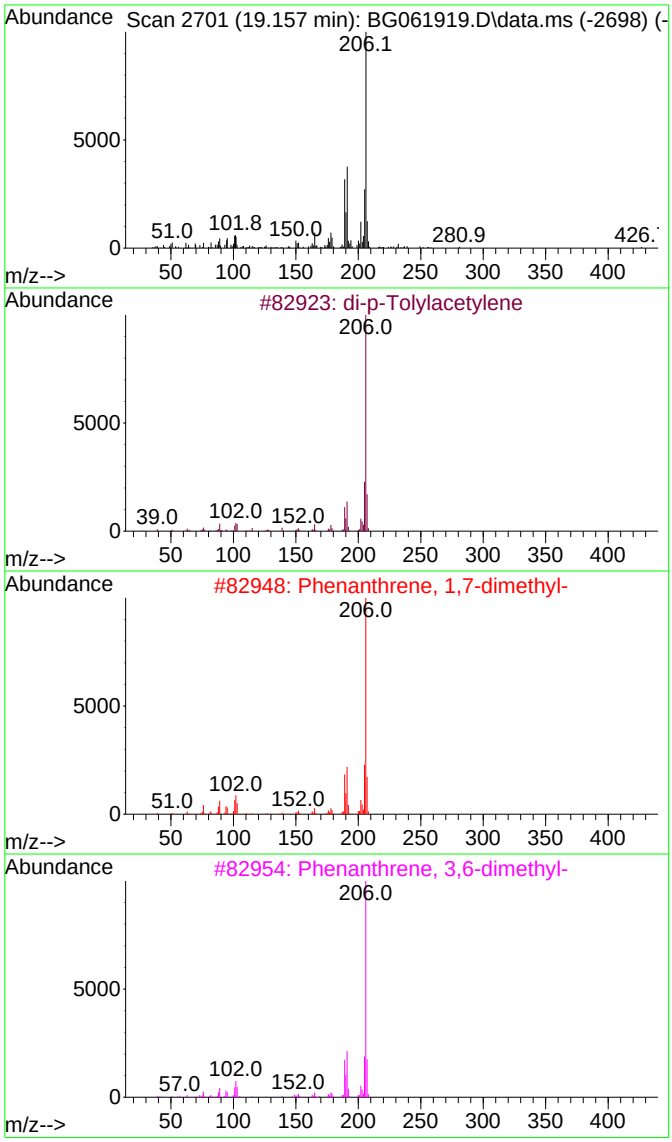
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

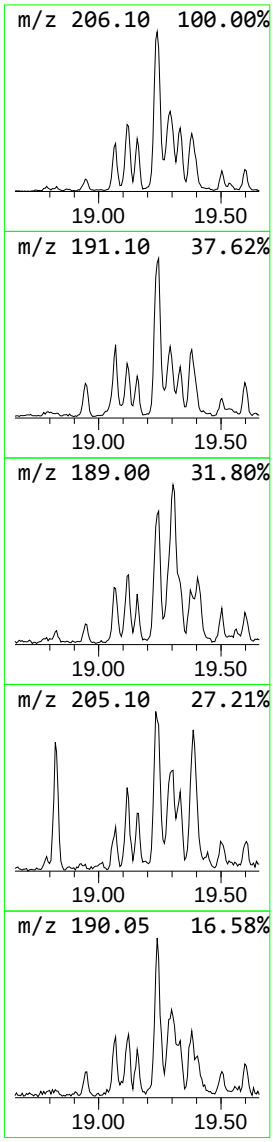
****

Peak Number 30 di-p-Tolylacetylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	5.48 ng/ul	252056	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

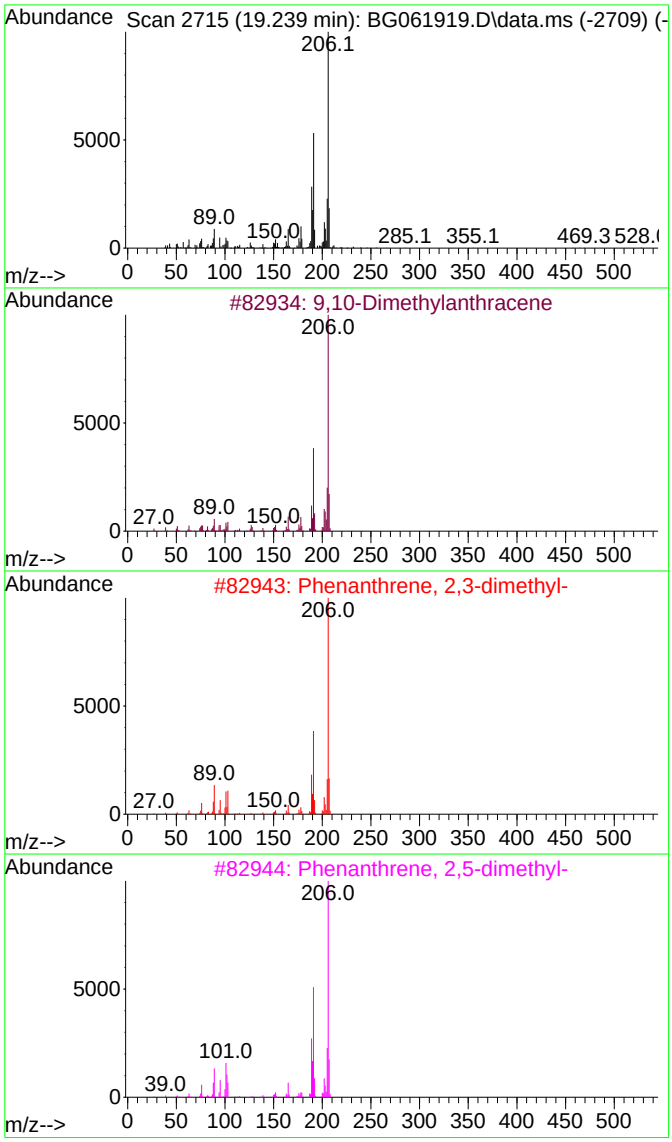
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

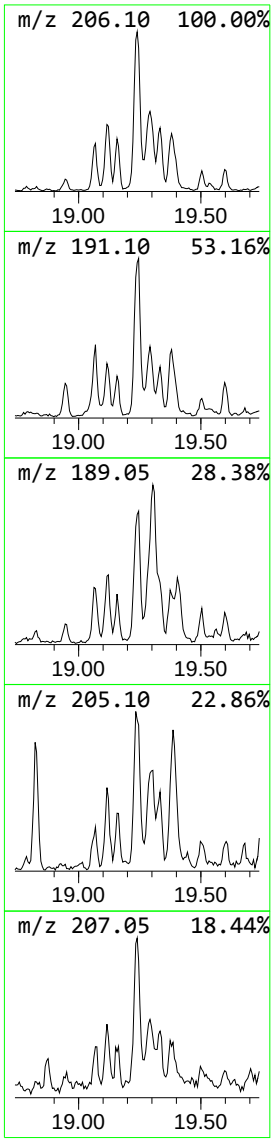
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	27.03 ng/ul	1243030	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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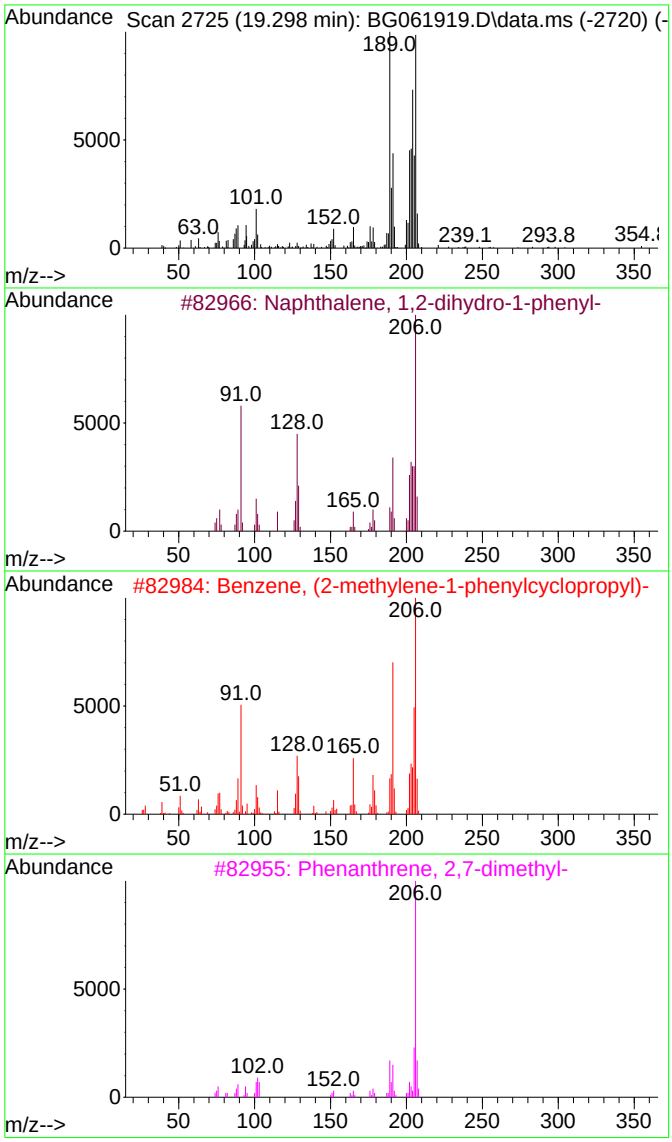
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

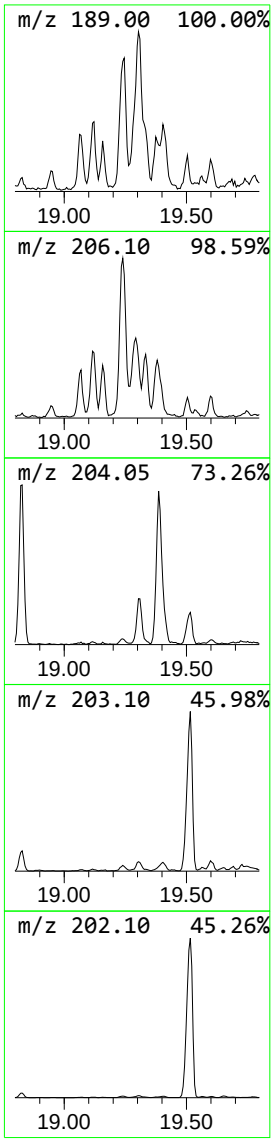
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	10.89 ng/ul	500896	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	46
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	46
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	45
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42





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Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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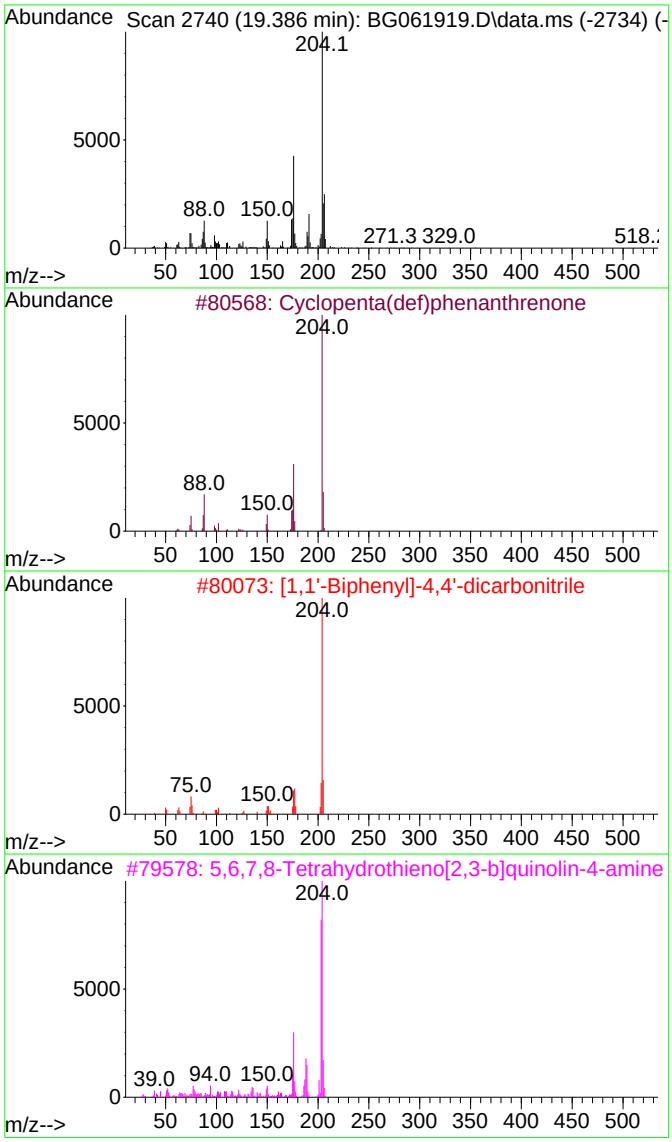
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

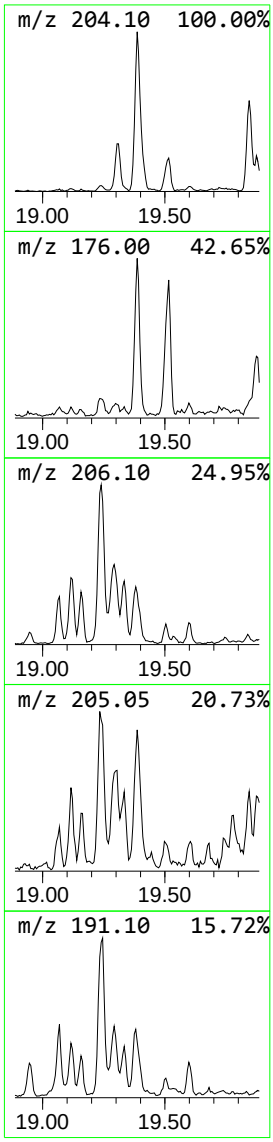
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	28.50 ng/ul	1310470	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Acq On : 6 Jul 2024 7:20
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Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CF4

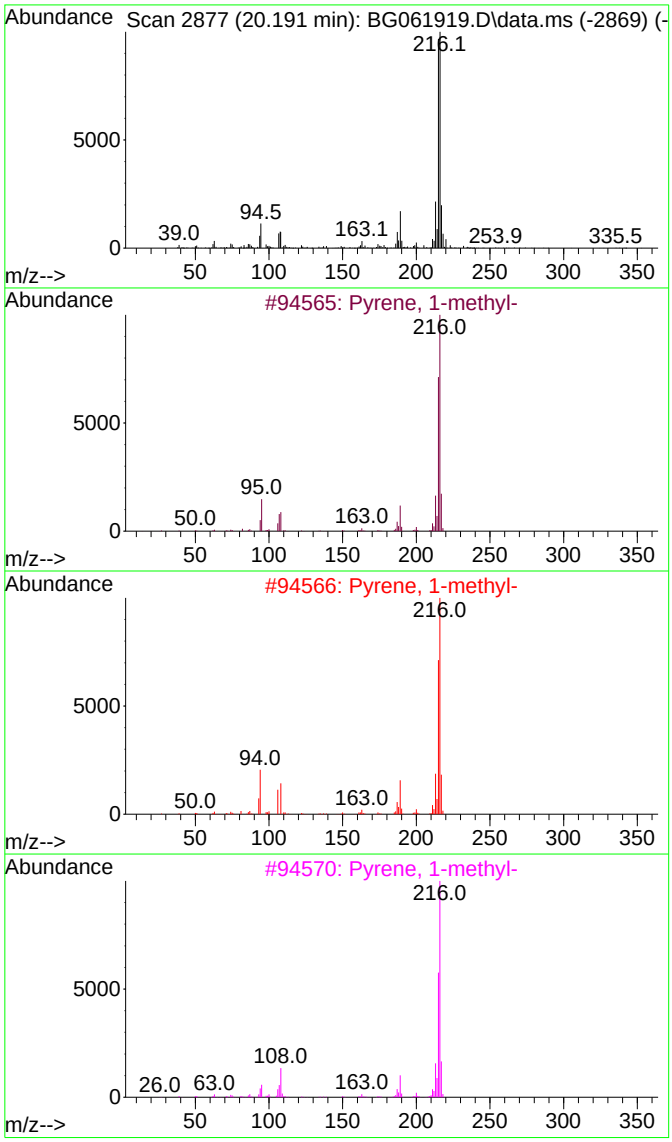
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

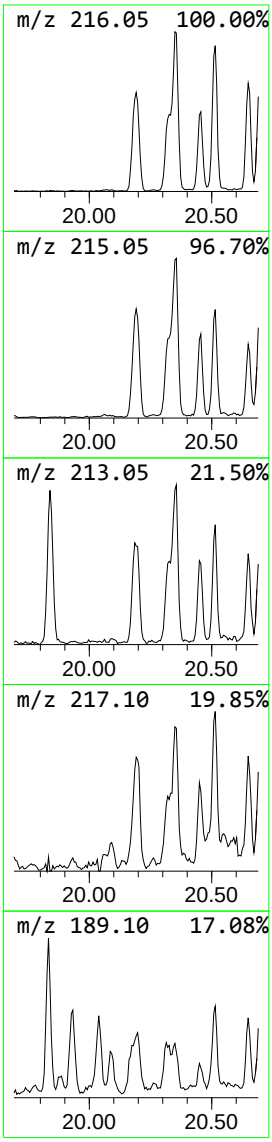
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.191	5.44 ng/ul	1478590	Chrysene-d12	21.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

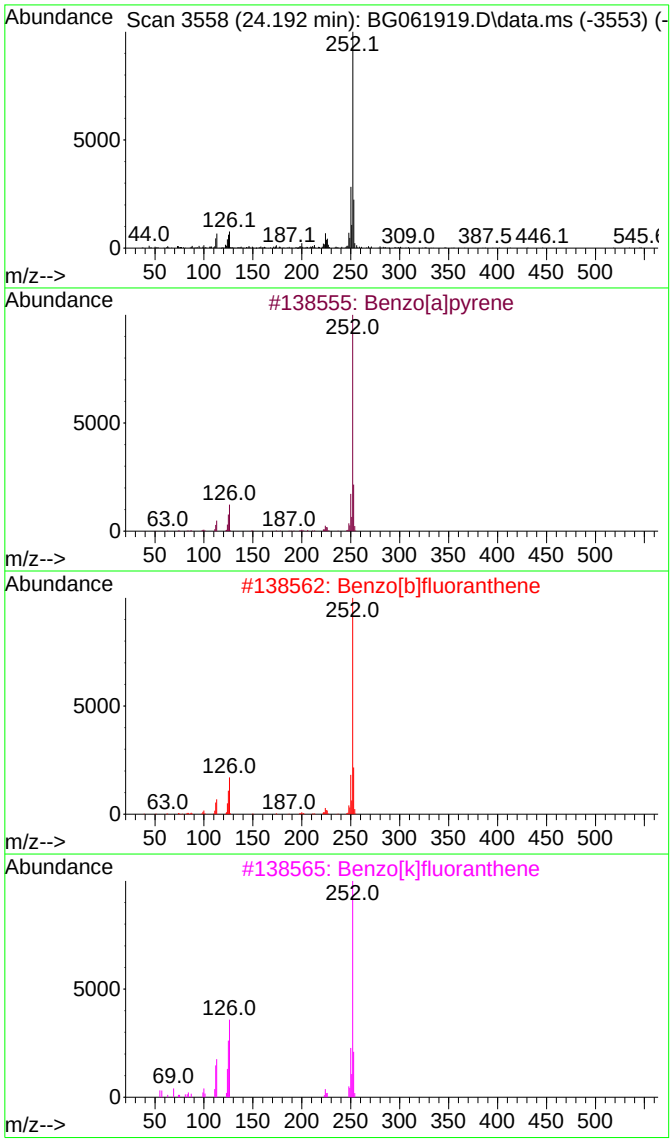
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

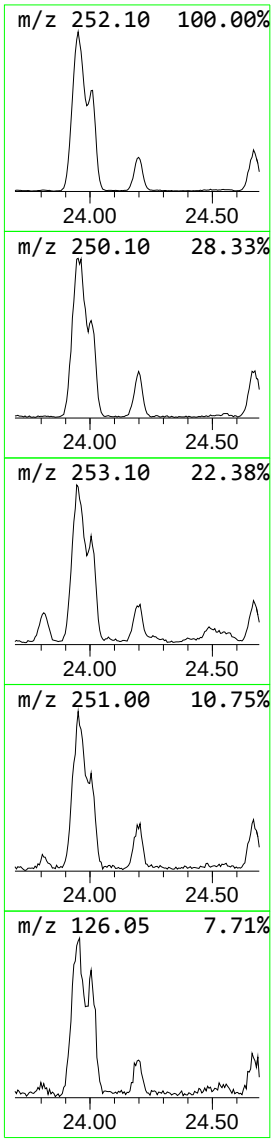
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.192	13.44 ng/ul	849550	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

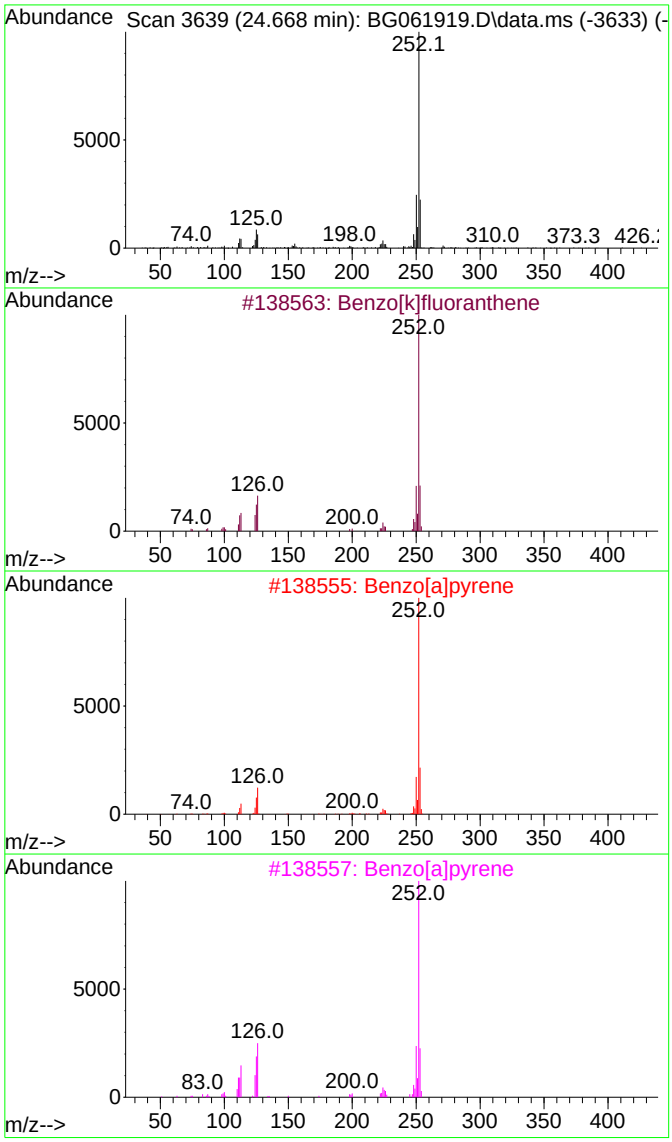
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

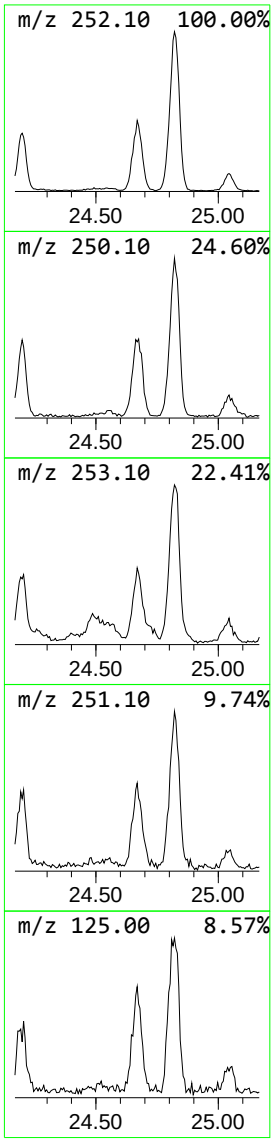
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.668	10.88 ng/ul	687475	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	87
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

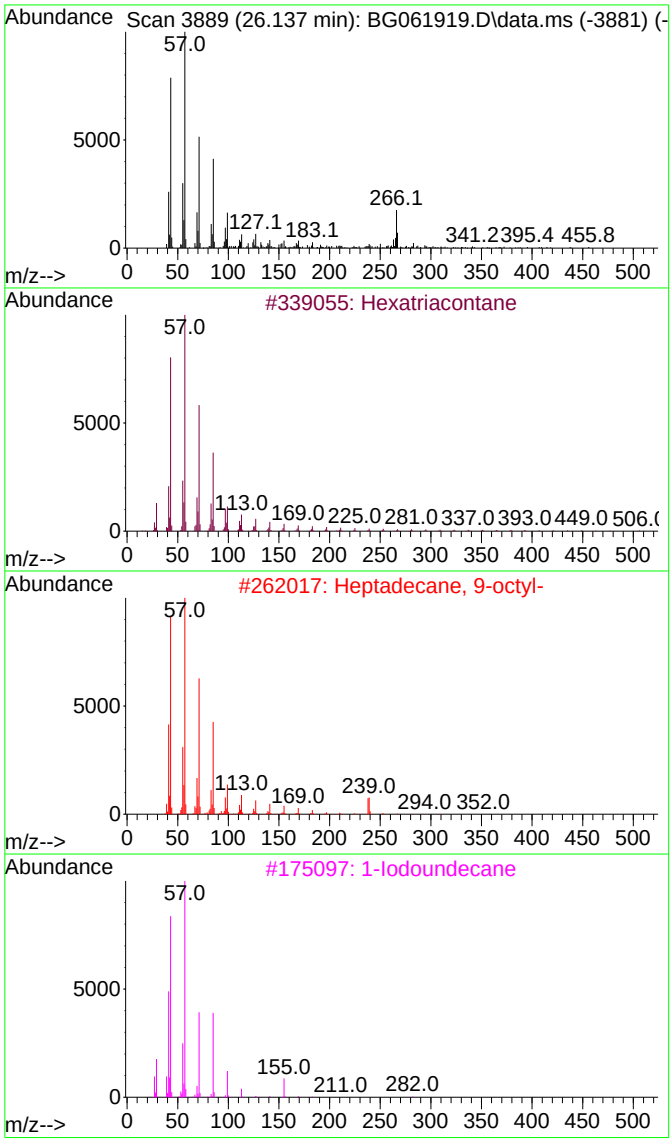
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

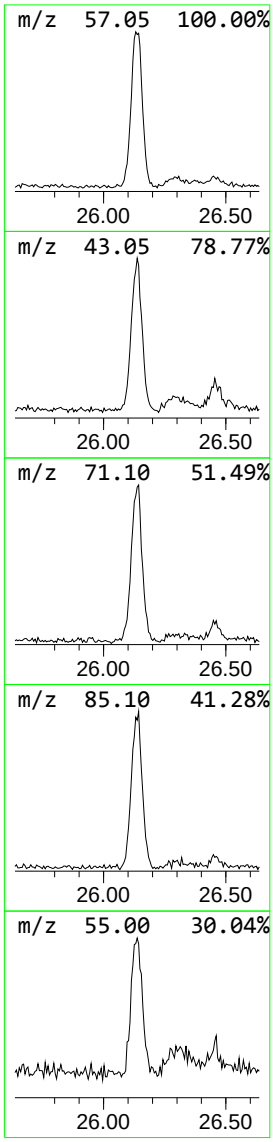
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.137	16.22 ng/ul	1025510	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	81
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
3	1-Iodoundecane	282	C11H23I	004282-44-4	76
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

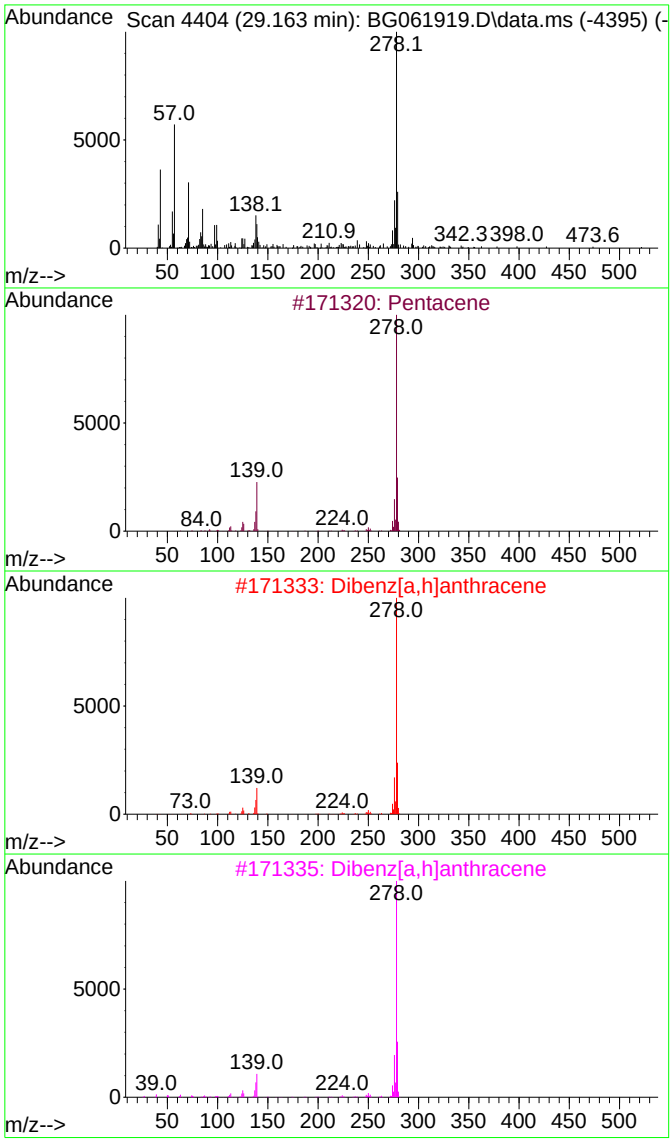
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

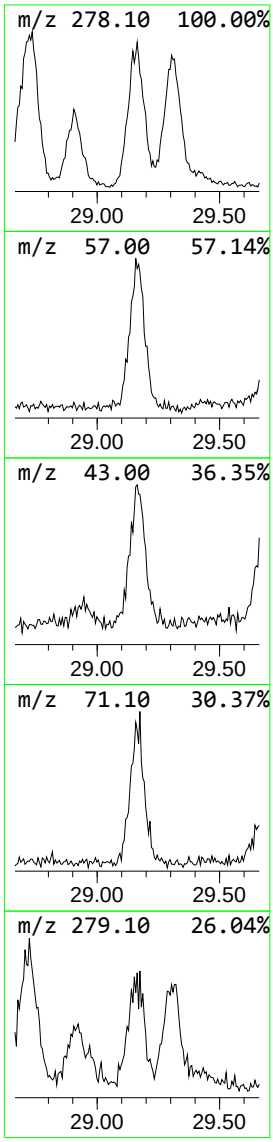
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Pentacene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.163	11.19 ng/ul	707349	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	95
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
4	Picene	278	C22H14	000213-46-7	86
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061919.D
Acq On : 6 Jul 2024 7:20
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF4

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
Naphthalene, 2,...	14.040	7.5	ng/ul	316332	3	14.715	843144	20.0
Naphthalene, 1,...	15.497	5.3	ng/ul	224340	3	14.715	843144	20.0
9H-Fluoren-9-ol	16.049	5.8	ng/ul	245058	3	14.715	843144	20.0
6H-Dibenzo[b,d]...	16.196	6.7	ng/ul	305813	4	17.459	919575	20.0
2-Isopropyl-7-m...	16.425	7.6	ng/ul	348065	4	17.459	919575	20.0
9H-Fluorene, 1-...	16.760	9.0	ng/ul	413576	4	17.459	919575	20.0
Benzene, 1,1'-m...	16.983	6.1	ng/ul	279126	4	17.459	919575	20.0
9H-Fluoren-9-one	17.112	6.4	ng/ul	293835	4	17.459	919575	20.0
4-(4-Methylphen...	17.189	6.9	ng/ul	317045	4	17.459	919575	20.0
Naphtho[2,1-b]t...	17.277	8.6	ng/ul	395889	4	17.459	919575	20.0
Dibenzo[a,e]cyc...	17.976	5.8	ng/ul	265261	4	17.459	919575	20.0
Dibenzothiophen...	18.041	9.9	ng/ul	455264	4	17.459	919575	20.0
Dibenzothiophen...	18.182	5.3	ng/ul	242594	4	17.459	919575	20.0
Phenanthrene, 1...	18.334	35.6	ng/ul	1638410	4	17.459	919575	20.0
Phenanthrene, 2...	18.381	38.7	ng/ul	1781270	4	17.459	919575	20.0
Anthracene, 2-m...	18.464	8.3	ng/ul	379932	4	17.459	919575	20.0
4H-Cyclopenta[d...	18.523	54.3	ng/ul	2495050	4	17.459	919575	20.0
Naphtho[2,3-b]n...	18.564	24.1	ng/ul	1105660	4	17.459	919575	20.0
Naphthalene, 2-...	18.822	16.3	ng/ul	748792	4	17.459	919575	20.0
9,10-Anthracene...	18.869	7.7	ng/ul	353901	4	17.459	919575	20.0
Phenanthrene, 2...	19.069	6.4	ng/ul	292953	4	17.459	919575	20.0
Phenanthrene, 2...	19.116	5.3	ng/ul	244872	4	17.459	919575	20.0
di-p-Tolylacety...	19.157	5.5	ng/ul	252056	4	17.459	919575	20.0
9,10-Dimethylan...	19.239	27.0	ng/ul	1243030	4	17.459	919575	20.0
unknown-01	19.298	10.9	ng/ul	500896	4	17.459	919575	20.0
Cyclopenta(def)...	19.386	28.5	ng/ul	1310470	4	17.459	919575	20.0
Pyrene, 1-methyl-	20.191	5.4	ng/ul	1478590	5	21.731	5438430	20.0
unknown-02	24.192	13.4	ng/ul	849550	6	24.968	1264270	20.0
Benzo[e]pyrene	24.668	10.9	ng/ul	687475	6	24.968	1264270	20.0
(DEL) Alkane: S...	26.137	16.2	ng/ul	1025510	6	24.968	1264270	20.0
Pentacene	29.163	11.2	ng/ul	707349	6	24.968	1264270	20.0