LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.546	430	435	445	rBV	114194	212254	0.93%	0.108%
2	6.740	632	638	649	rVB2	61171	149649	0.66%	0.076%
3	6.863	654	659	666	rVV	50864	79926	0.35%	0.041%
4	7.063	687	693	703	rVB	70923	117046	0.51%	0.059%
5	7.181	704	713	722	rBV	109886	237341	1.04%	0.121%
6	7.263	722	727	733	rVB2	36241	64102	0.28%	0.033%
7	7.510	762	769	779	rBV	1123268	1752698	7.70%	0.891%
8	7.763	805	812	836	rBV	343211	787338	3.46%	0.400%
9	8.040	853	859	869	rBV	192591	353655	1.55%	0.180%
10	8.246	889	894	902	rBV	69506	117701	0.52%	0.060%
11	8.328	902	908	916	rVB	99881	167344	0.73%	0.085%
12	8.657	959	964	976	rVB	53325	100795	0.44%	0.051%
13	8.775	979	984	992	rBV2	40990	87977	0.39%	0.045%
14	9.375	1080	1086	1090	rBV	39589	60754	0.27%	0.031%
15	9.716	1136	1144	1150	rBV	85210	173548	0.76%	0.088%
16	9.781	1150	1155	1159	rBV2	56190	97671	0.43%	0.050%
17	9.857	1164	1168	1175	rVV	56296	120429	0.53%	0.061%
18	9.928	1175	1180	1187	rVV2	70185	136711	0.60%	0.069%
19	10.275	1226	1239	1245	rBV	1372540	2354993	10.34%	1.197%
20	11.504	1445	1448	1455	rVB4	34868	71324	0.31%	0.036%
21	11.798	1486	1498	1514	rVV2	211291	626275	2.75%	0.318%
22	11.945	1518	1523	1531	rVB3	45309	93737	0.41%	0.048%
23	12.169	1556	1561	1571	rBV3	39415	104463	0.46%	0.053%
24	12.922	1682	1689	1693	rBV10	28568	61405	0.27%	0.031%
25	13.128	1718	1724	1730	rBV3	66594	149707	0.66%	0.076%
26	13.392	1764	1769	1777	rBV	108954	188776	0.83%	0.096%
27	13.475	1778	1783	1787	rVV2	81944	132913	0.58%	0.068%
28	13.575	1795	1800	1802	rVV2	190466	288512	1.27%	0.147%
29	13.604	1802	1805	1811	rVV	385608	570469	2.51%	0.290%
30	13.657	1811	1814	1817	rVV	47507	62359	0.27%	0.032%
31	13.704	1819	1822	1826	rVB2	66689	96717	0.42%	0.049%
32	13.875	1841	1851	1864	rBV	1334172	2365990	10.39%	1.203%
33	13.981	1866	1869	1874	rVB3	58283	76766	0.34%	0.039%
34	14.151	1893	1898	1905	rVV	2089362	3083789	13.54%	1.568%
35	14.216	1905	1909	1918	rVB	159136	256512	1.13%	0.130%
36	14.375	1931	1936	1943	rBV2	52443	120154	0.53%	0.061%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A44R4DL

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

37	14.463	1946	1951	1952	rBV4	60482	90440	0.40%	0.046%
38	14.563	1964	1968	1977	rVB5	80879	167602	0.74%	0.085%
39	14.639	1978	1981	1986	rVB	89778	113357	0.50%	0.058%
40	14.698	1988	1991	1997	rVB4	56672	87831	0.39%	0.045%
41	14.769	1997	2003	2009	rBV3	191122	455521	2.00%	0.232%
42	14.869	2018	2020	2025	rVB2	61868	81414	0.36%	0.041%
43	14.939	2027	2032	2037	rBV4	73993	174583	0.77%	0.089%
44	15.033	2043	2048	2057	rVB	315839	483599	2.12%	0.246%
45	15.122	2060	2063	2065	rVV2	89653	125531	0.55%	0.064%
46	15.157	2065	2069	2074	rVV	386634	553619	2.43%	0.281%
47	15.233	2074	2082	2091	rVV	195048	585584	2.57%	0.298%
48	15.333	2096	2099	2104	rVB3	184867	248954	1.09%	0.127%
49	15.416	2109	2113	2115	rBV2	136872	218243	0.96%	0.111%
50	15.892	2189	2194	2197	rBV4	229830	397972	1.75%	0.202%
51	15.927	2197	2200	2204	rVB	225083	296804	1.30%	0.151%
52	16.027	2214	2217	2221	rBV	97653	164509	0.72%	0.084%
53	16.216	2244	2249	2255	rBV4	117423	288756	1.27%	0.147%
54	16.274	2256	2259	2263	rVV2	95493	129526	0.57%	0.066%
55	16.457	2287	2290	2292	rBV4	80186	114436	0.50%	0.058%
56	16.492	2292	2296	2300	rVB	240361	347411	1.53%	0.177%
57	16.569	2306	2309	2317	rVB4	173949	262168	1.15%	0.133%
58	16.651	2319	2323	2328	rBV2	147614	232386	1.02%	0.118%
59	16.745	2337	2339	2346	rVB3	231951	344087	1.51%	0.175%
60	16.910	2362	2367	2371	rBV	2561415	3537713	15.54%	1.798%
61	16.951	2371	2374	2379	rVV	1428342	1781321	7.82%	0.905%
62	17.010	2380	2384	2385	rVV	250640	328345	1.44%	0.167%
63	17.045	2385	2390	2395	rVV	1860058	2617487	11.50%	1.331%
64	17.098	2395	2399	2407	rVV3	327500	624499	2.74%	0.317%
65	17.321	2434	2437	2440	rBV	200891	232379	1.02%	0.118%
66	17.433	2453	2456	2461	rVB	226776	281742	1.24%	0.143%
67	17.786	2512	2516	2520	rBV	381323	527699	2.32%	0.268%
68	17.833	2520	2524	2531	rVB	902313	1223459	5.37%	0.622%
69	17.916	2533	2538	2543	rVB2	722785	1038288	4.56%	0.528%
70	17.980	2543	2549	2554	rBV2	1880139	3435975	15.09%	1.747%
71	18.292	2600	2602	2606	rVB	340356	409138	1.80%	0.208%
72	18.339	2607	2610	2615	rVB2	307168	404782	1.78%	0.206%
73	18.639	2657	2661	2664	rBV2	436015	631895	2.78%	0.321%
74	18.716	2670	2674	2680	rVB2	818565	1369658	6.02%	0.696%
75	18.863	2694	2699	2712	rBV	1859112	4295128	18.86%	2.183%
76	18.986	2714	2720	2725	rBV	13221887	18094366	79.47%	9.198%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

77	19.351	2772	2782	2790	rVB	13222195	22769912	100.00%	11.574%
78	19.427	2791	2795	2802	rVB2	755542	1464595	6.43%	0.744%
79	19.527	2809	2812	2818	rBV	722348	998928	4.39%	0.508%
80	19.592	2820	2823	2829	rVB2	841877	1172116	5.15%	0.596%
81	19.680	2833	2838	2845	rBV3	1627893	3873642	17.01%	1.969%
82	19.815	2856	2861	2862	rBV2	1837157	2533656	11.13%	1.288%
83	19.951	2881	2884	2887	rVB2	704702	846676	3.72%	0.430%
84	20.010	2890	2894	2898	rVB2	2378111	3438473	15.10%	1.748%
85	20.151	2915	2918	2922	rVV	1844312	2099058	9.22%	1.067%
86	20.192	2922	2925	2929	rVB	1793021	2463751	10.82%	1.252%
87	20.604	2992	2995	3001	rVB	1559037	2153858	9.46%	1.095%
88	20.768	3020	3023	3027	rVB	1170834	1493092	6.56%	0.759%
89	20.809	3027	3030	3033	rVB	1257982	1385177	6.08%	0.704%
90	20.851	3033	3037	3043	rBV3	1740781	3750844	16.47%	1.907%
91	21.139	3080	3086	3091	rBV2	8767778	17179515	75.45%	8.733%
92	21.192	3092	3095	3103	rVB	7751024	11030364	48.44%	5.607%
93	21.327	3114	3118	3120	rBV	1207589	1769229	7.77%	0.899%
94	21.798	3195	3198	3203	rVB	2276077	3196421	14.04%	1.625%
95	22.033	3235	3238	3242	rBV	1005221	1230251	5.40%	0.625%
96	23.086	3408	3417	3422	rBV2	7476559	21162276	92.94%	10.757%
97	23.292	3448	3452	3459	rVB	1613504	2927107	12.86%	1.488%
98	23.692	3515	3520	3532	rVB	2237692	5737656	25.20%	2.917%
99	23.815	3535	3541	3553	rVB	4105097	9526023	41.84%	4.842%
100	27.062	4086	4093	4112	rVB2	2542488	10203664	44.81%	5.187%

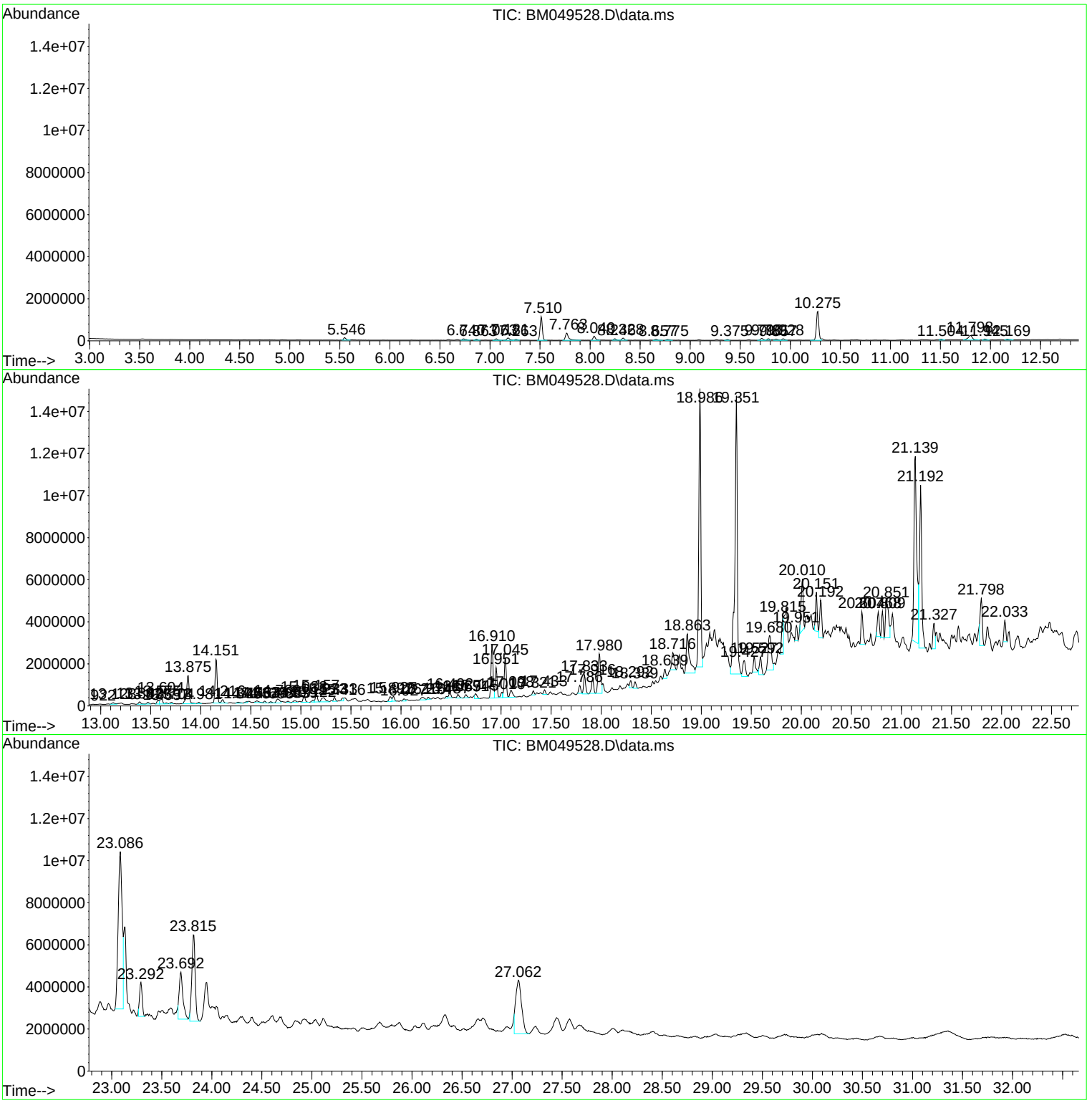
Sum of corrected areas: 196726291

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

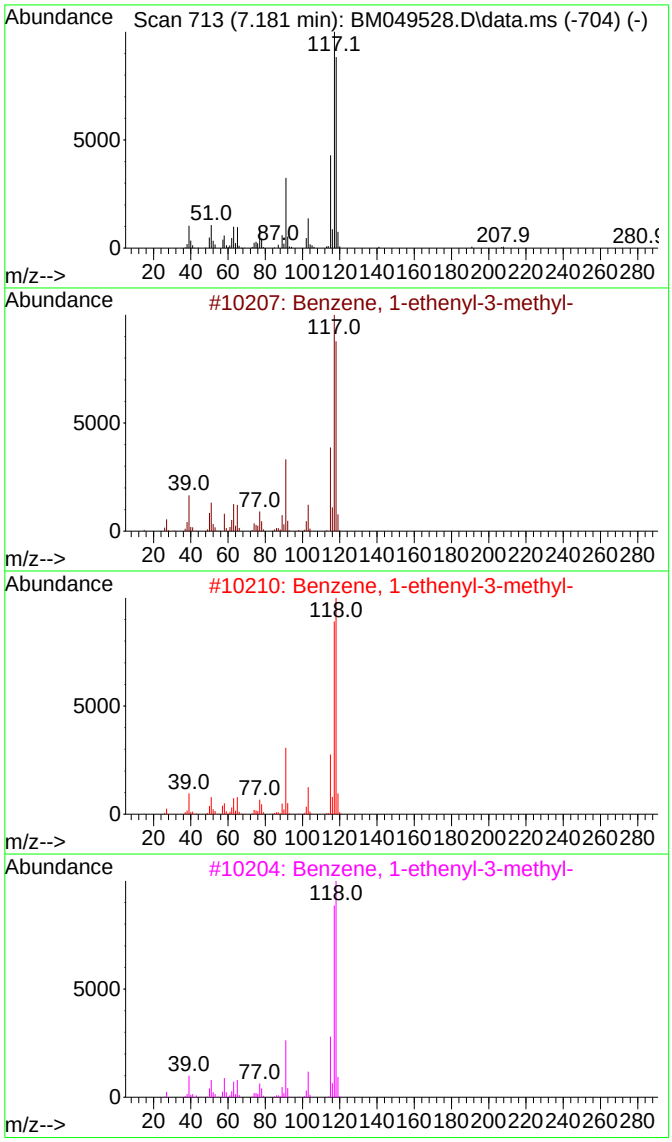
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

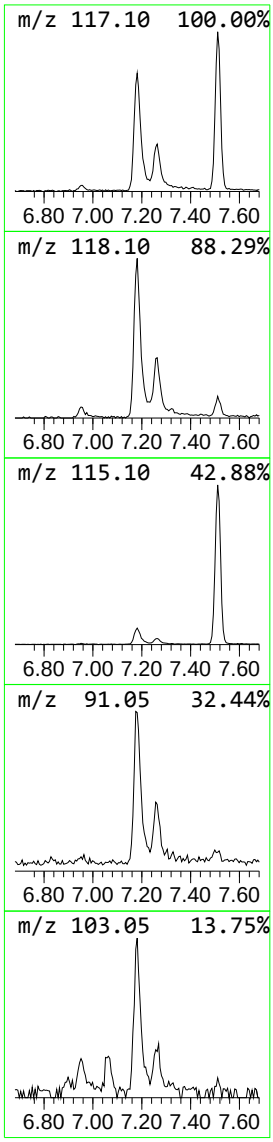
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	2.71 ng/ul	237341	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

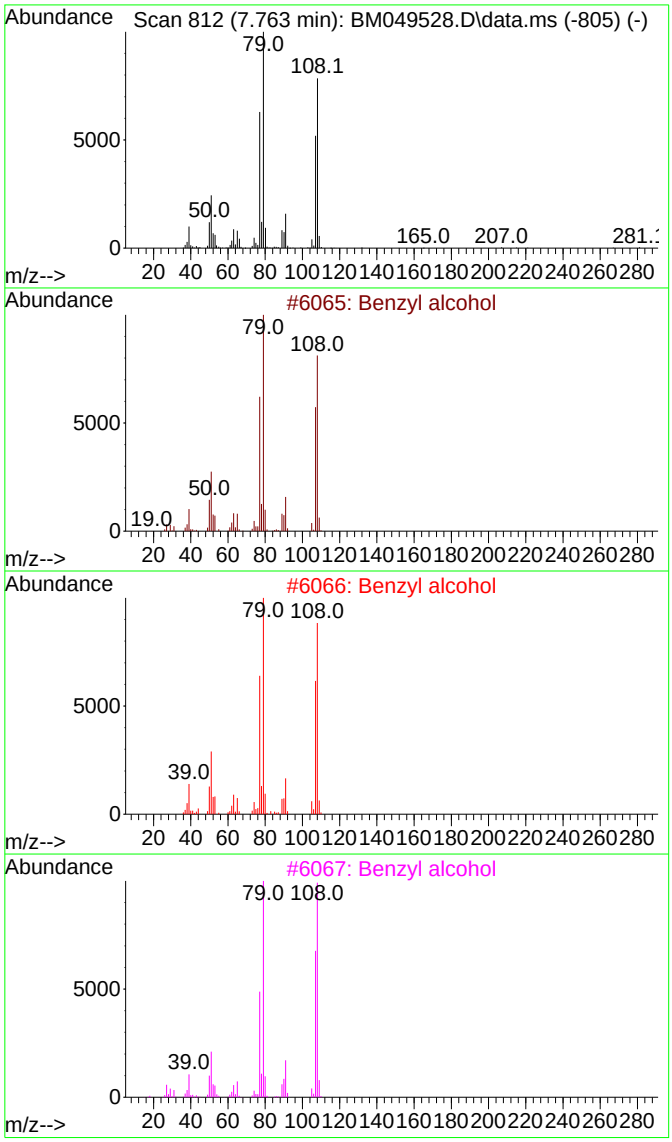
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

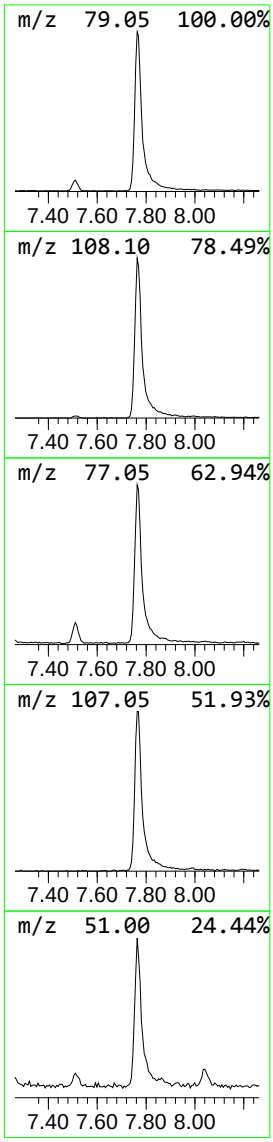
****

Peak Number 3 Benzyl alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.763	8.98 ng/ul	787338	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol	108	C7H8O	000100-51-6	97
2	Benzyl alcohol	108	C7H8O	000100-51-6	96
3	Benzyl alcohol	108	C7H8O	000100-51-6	95
4	Benzyl alcohol	108	C7H8O	000100-51-6	91
5	N-Cbz-glycylglycine p-nitropheny...	387	C18H17N3O7	013574-81-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

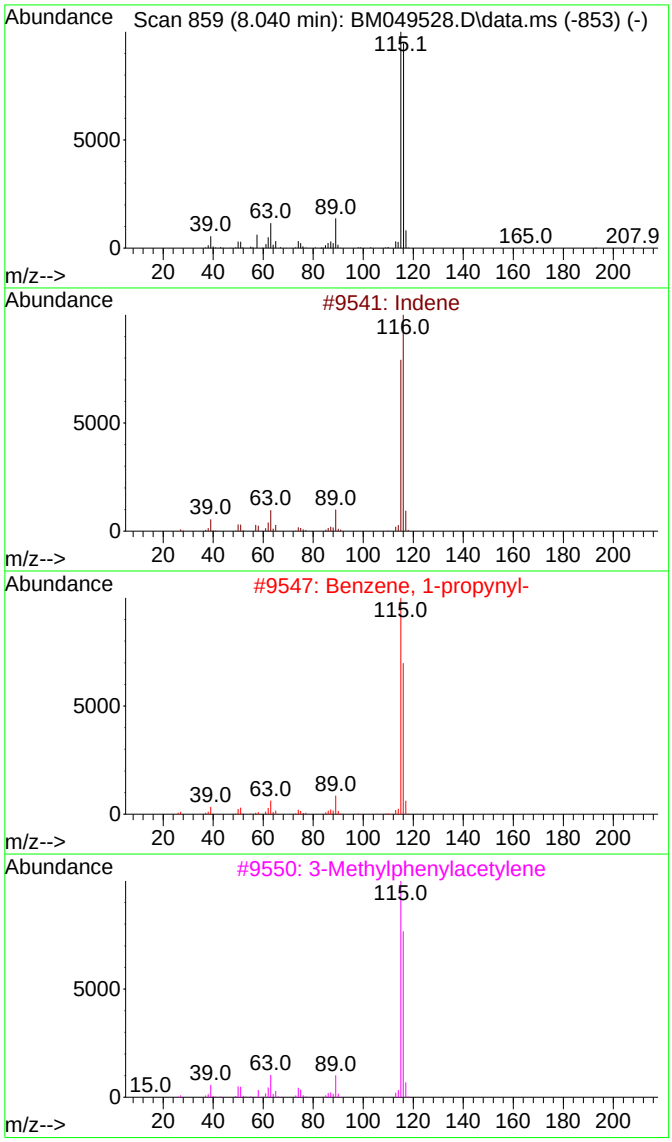
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

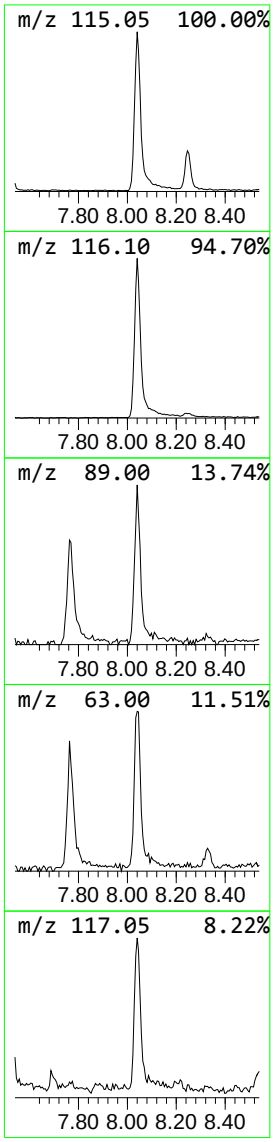
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	4.04 ng/ul	353655	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

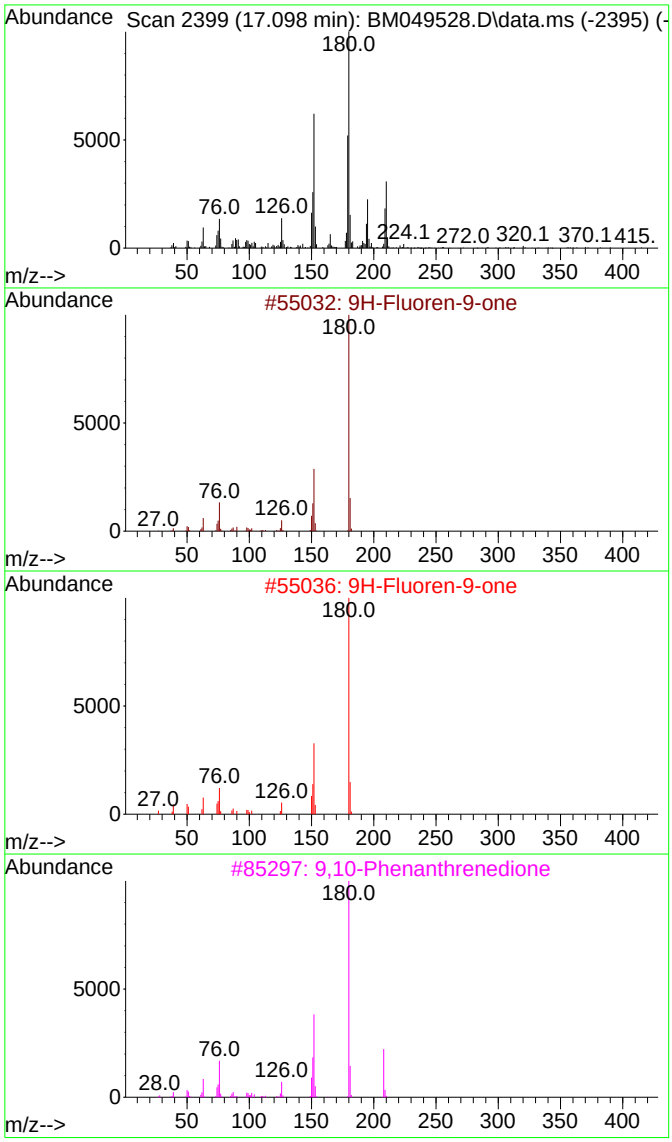
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

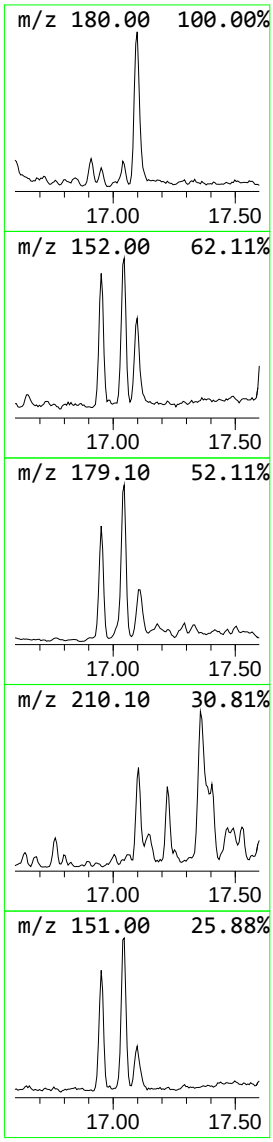
****

Peak Number 9 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	3.53 ng/ul	624499	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

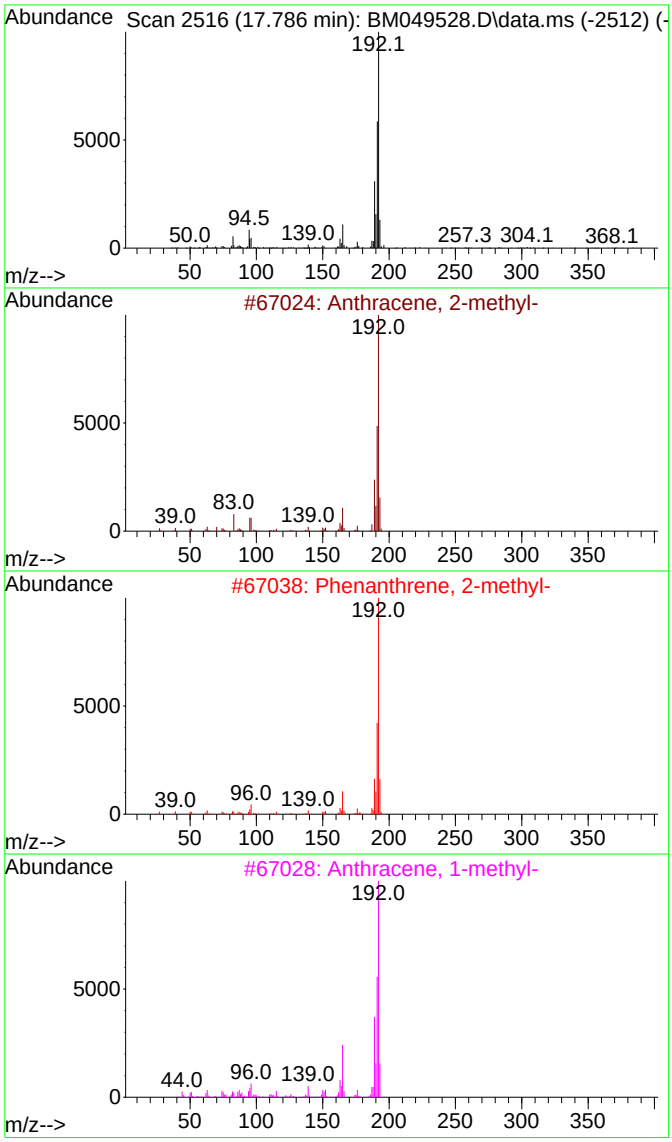
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

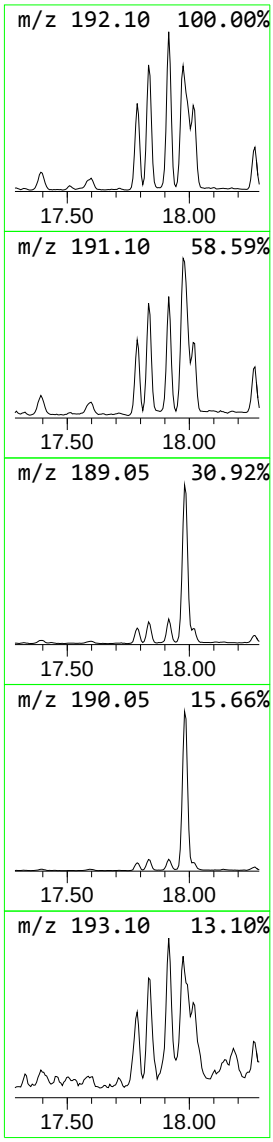
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	2.98 ng/ul	527699	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

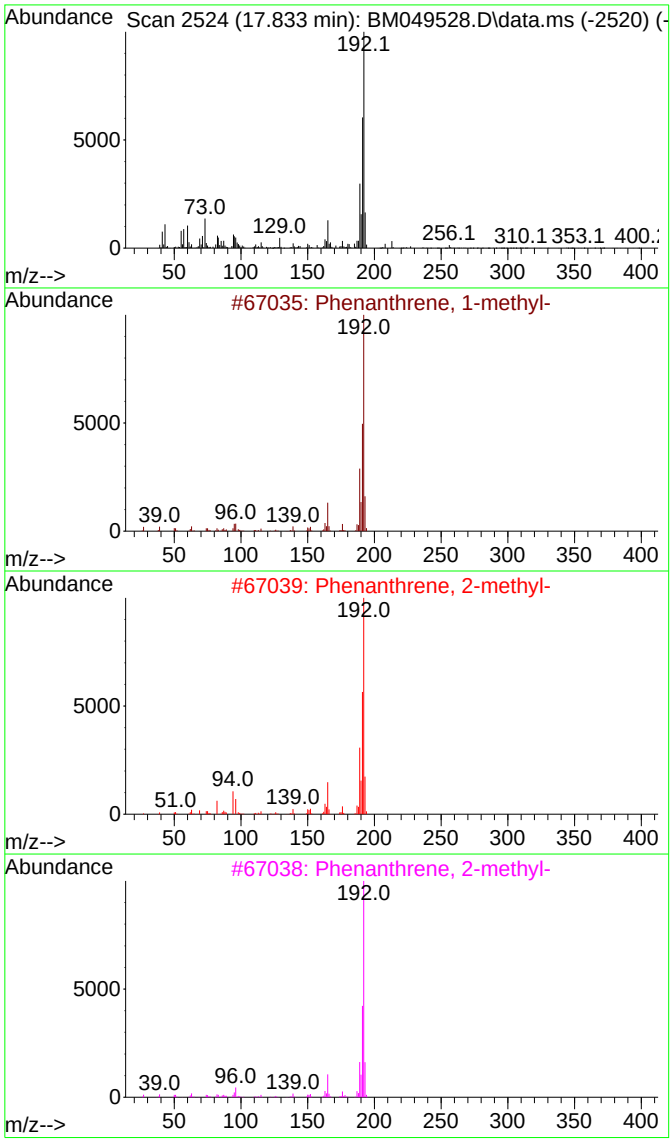
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

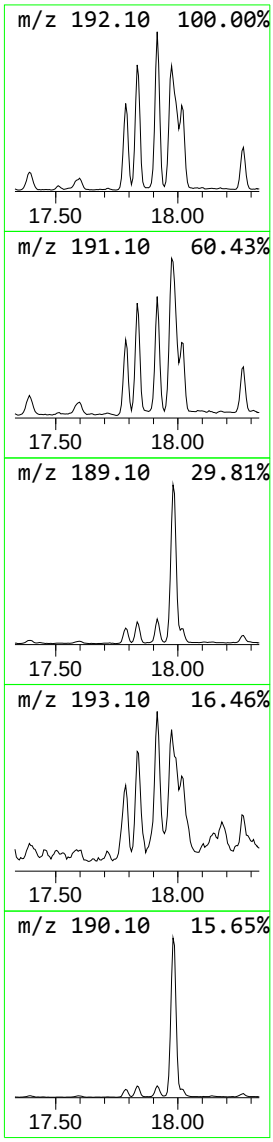
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	6.92 ng/ul	1223460	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

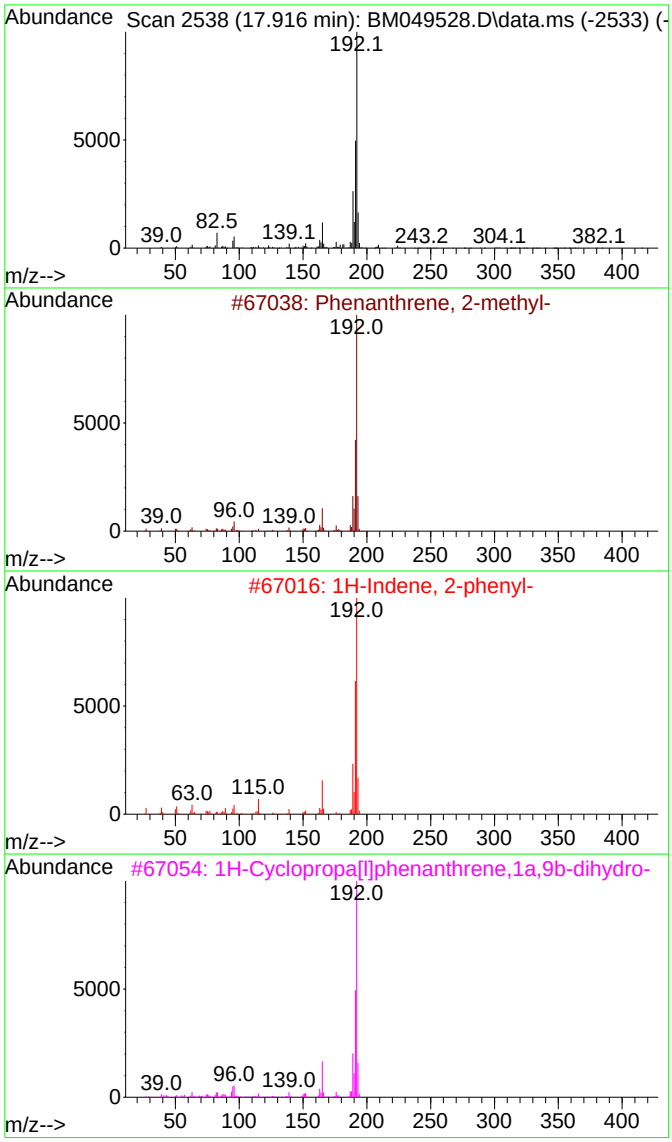
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

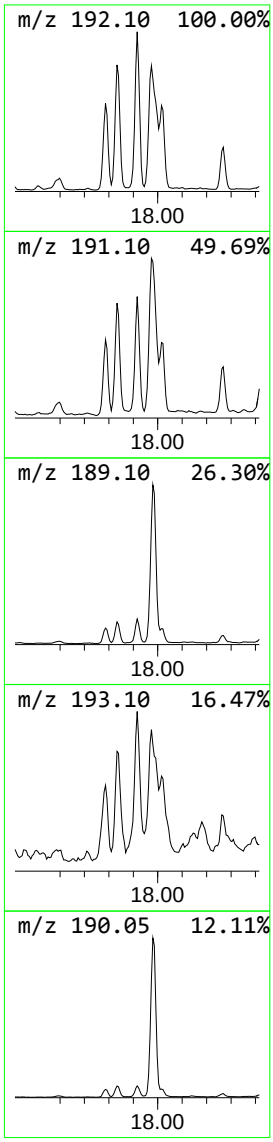
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	5.87 ng/ul	1038290	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

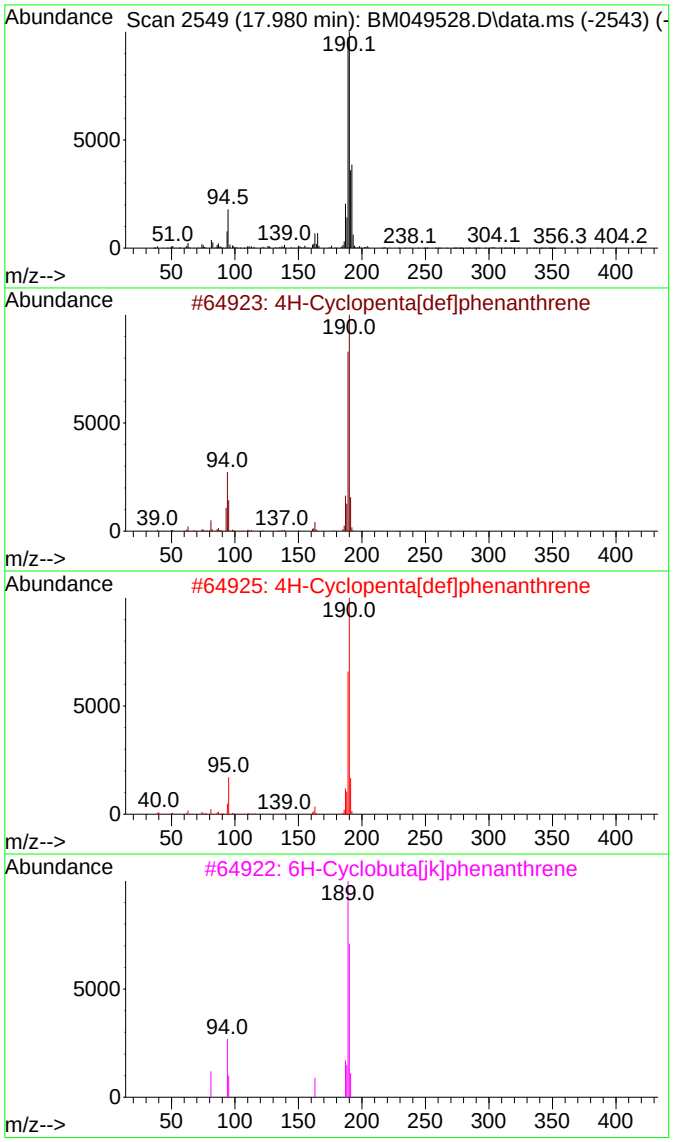
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

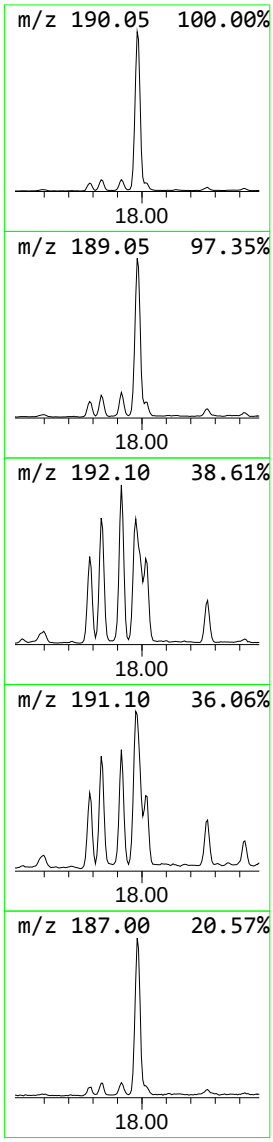
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	19.42 ng/ul	3435980	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

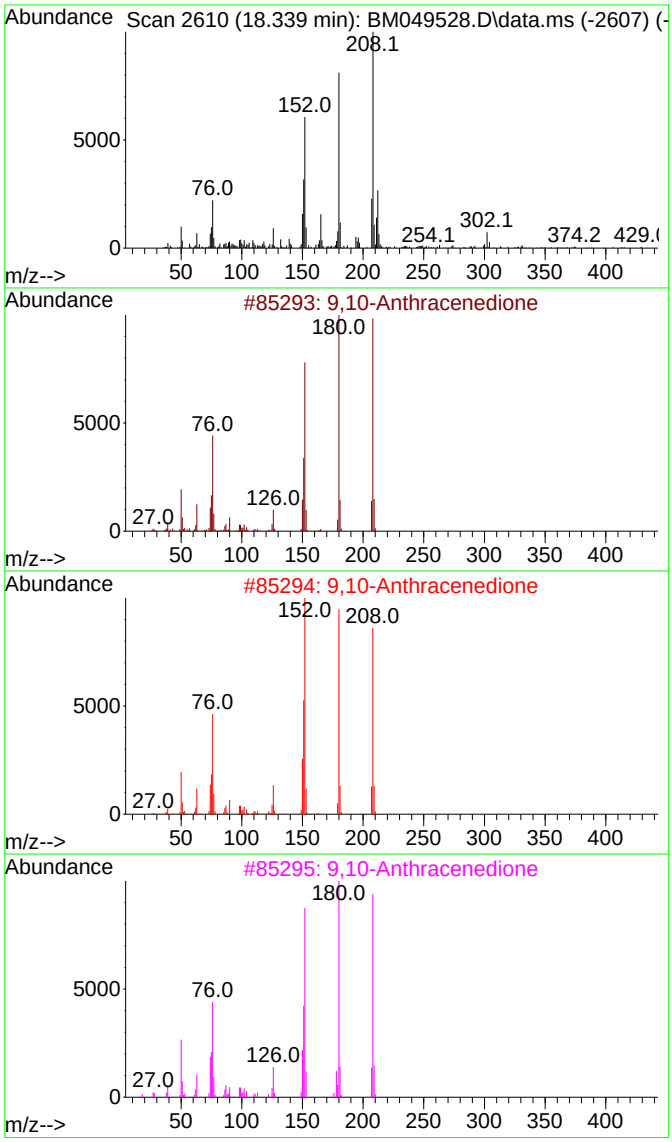
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

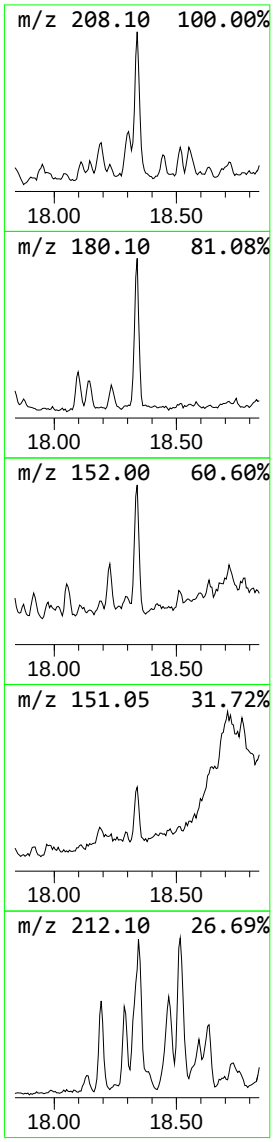
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	2.29 ng/ul	404782	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	89
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76





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Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

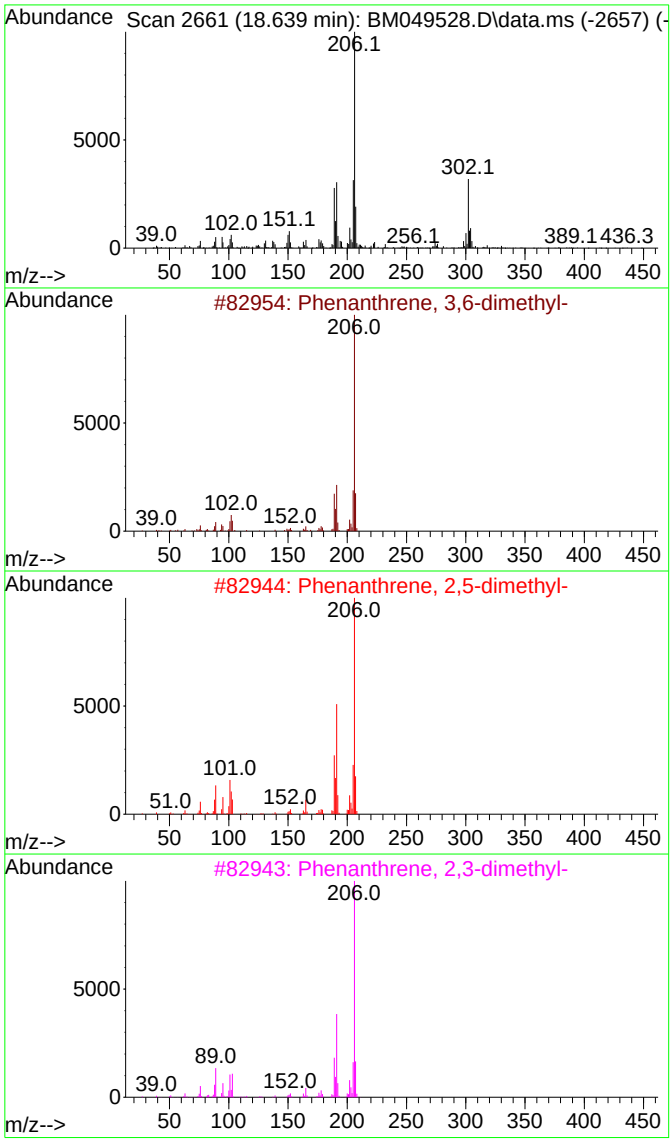
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

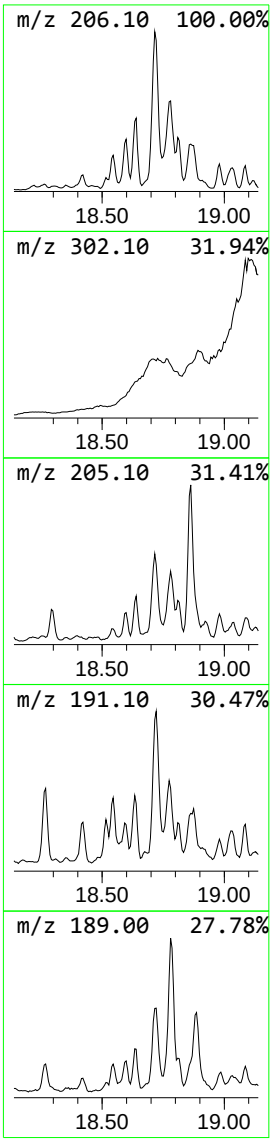
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	3.57 ng/ul	631895	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





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Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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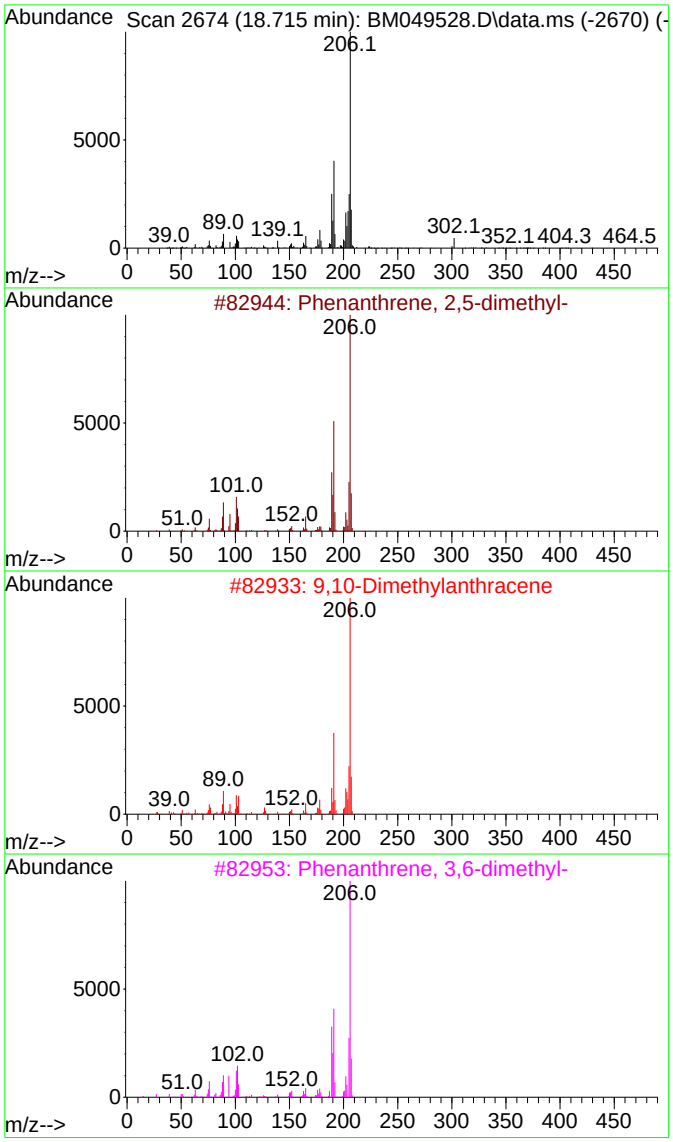
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

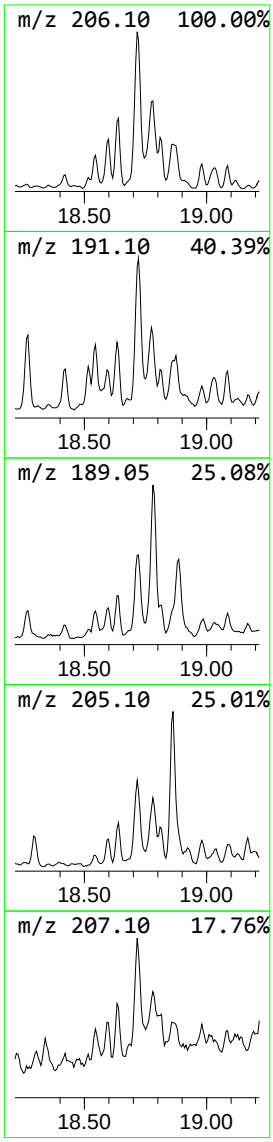
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	7.74 ng/ul	1369660	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

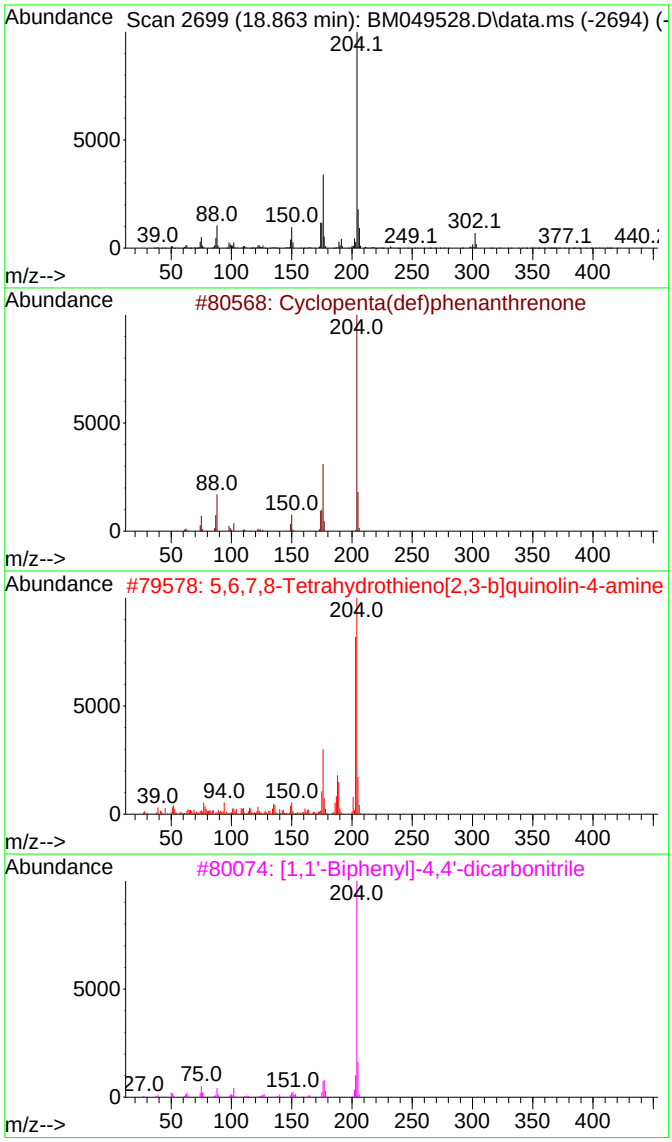
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

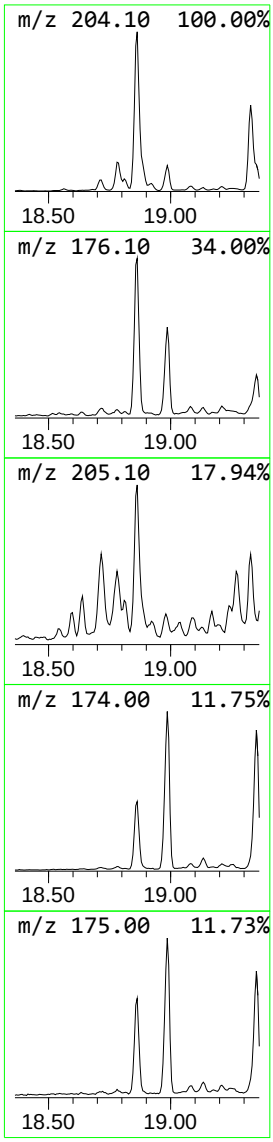
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	24.28 ng/ul	4295130	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	50





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Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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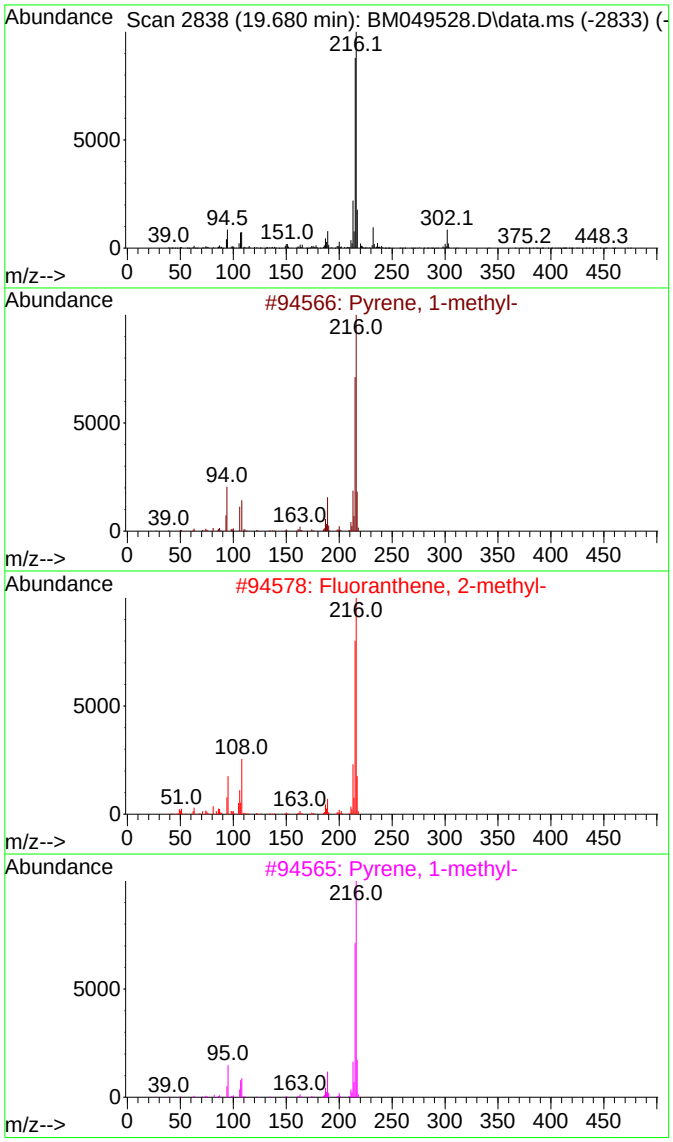
Quant Title : SVOA CALIBRATION

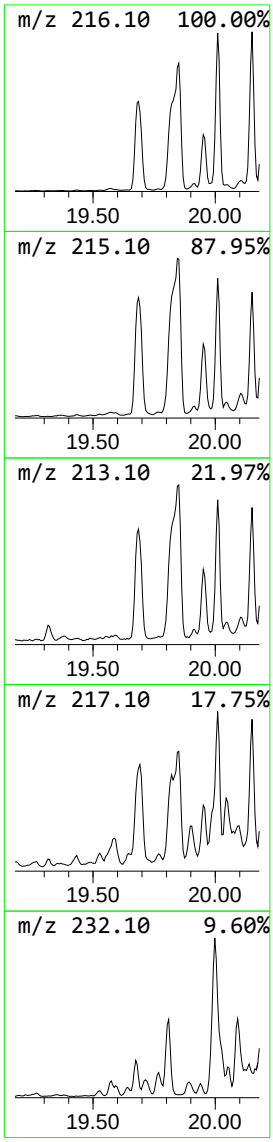
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.680	4.51 ng/ul	3873640	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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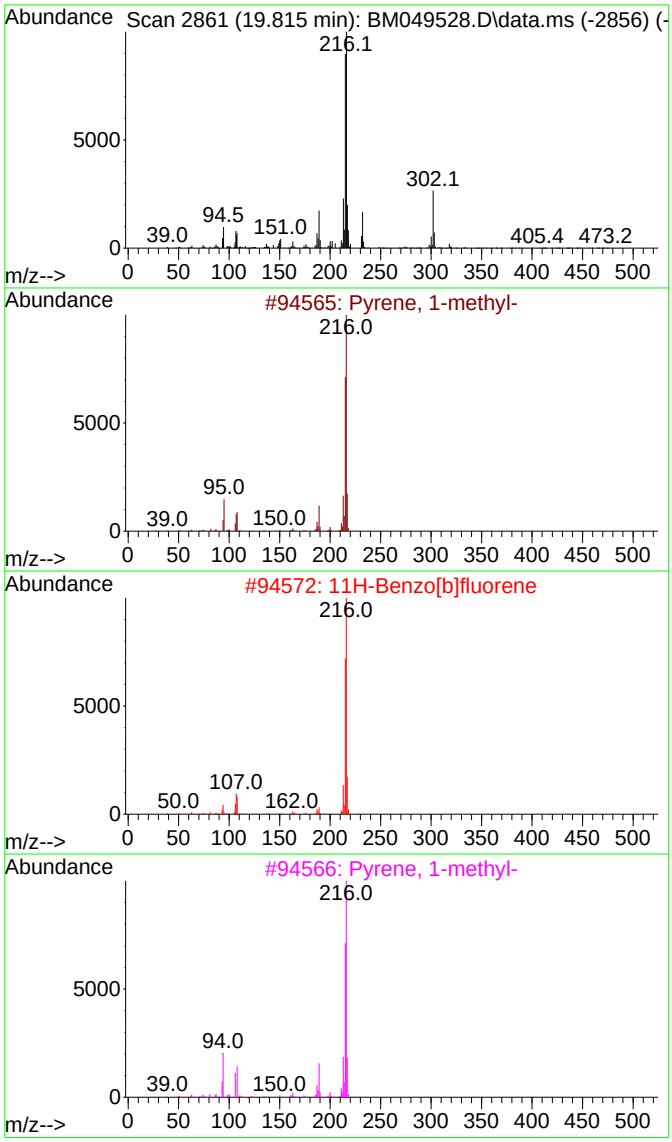
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

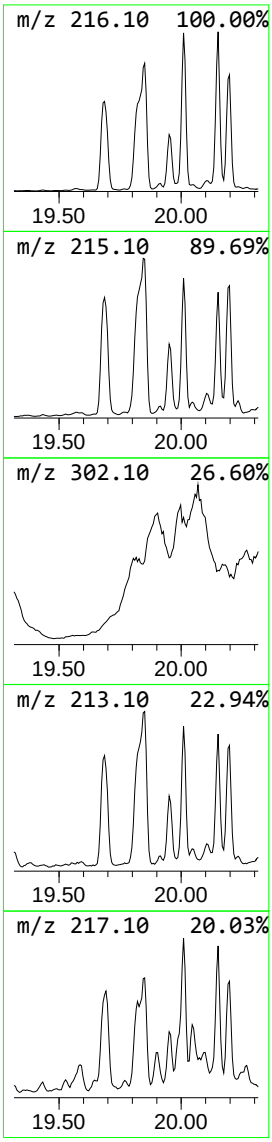
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.815	2.95 ng/ul	2533660	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

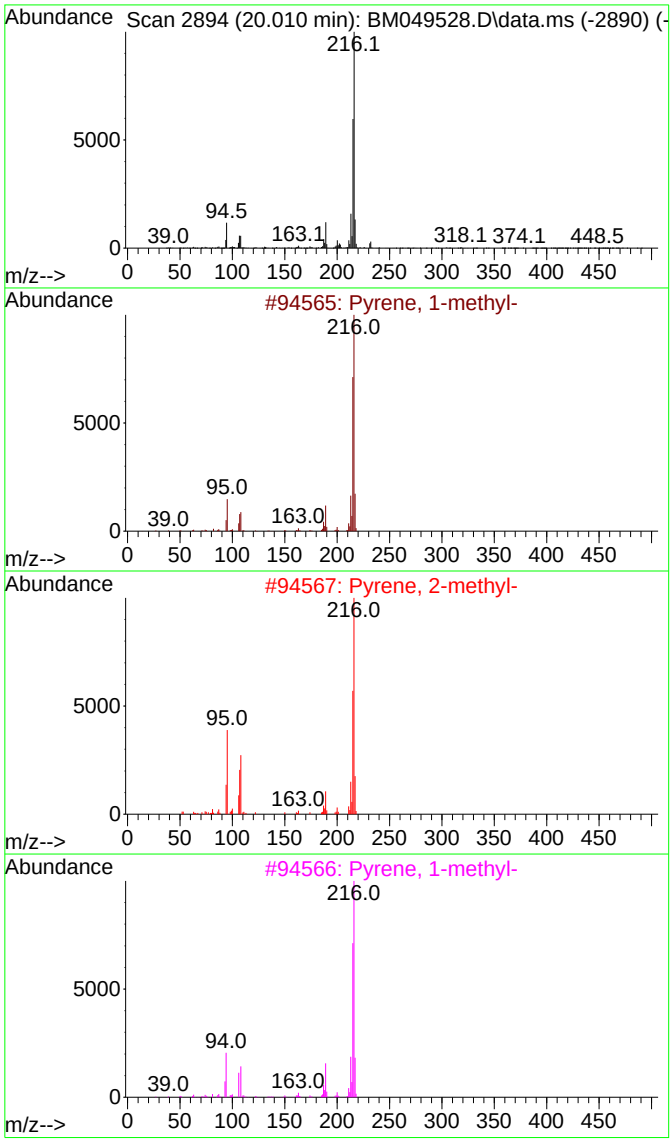
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

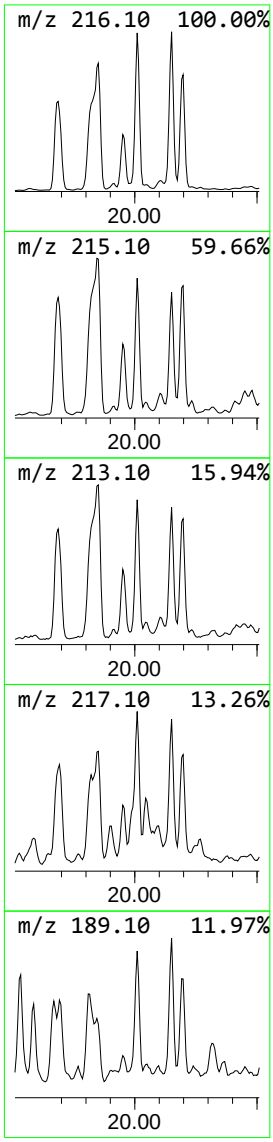
****

Peak Number 21 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	4.00 ng/ul	3438470	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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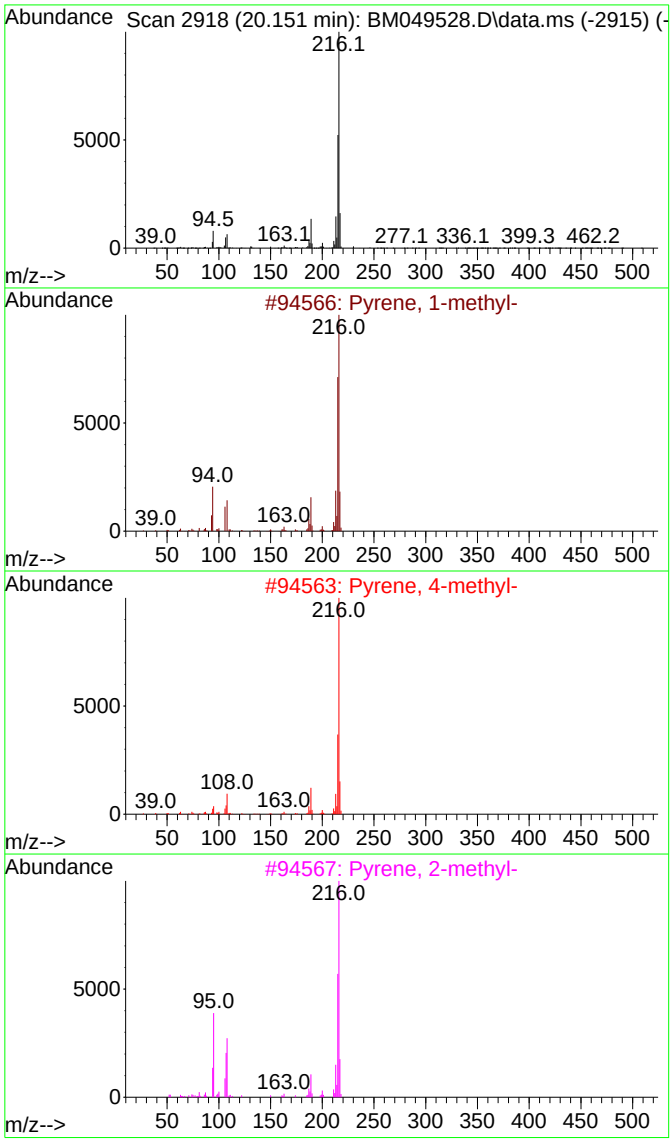
Quant Title : SVOA CALIBRATION

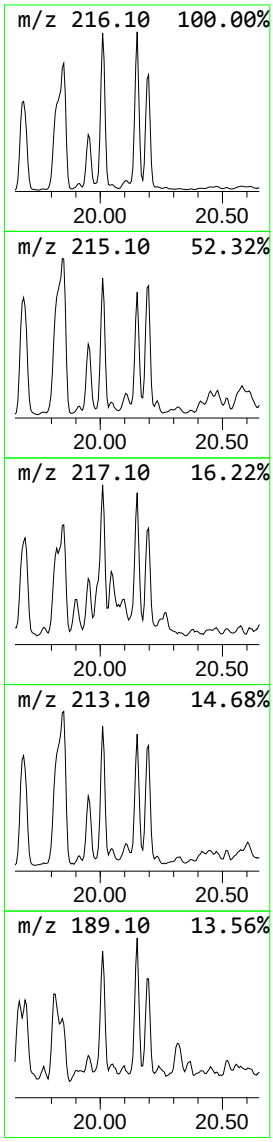
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Pyrene, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.44 ng/ul	2099060	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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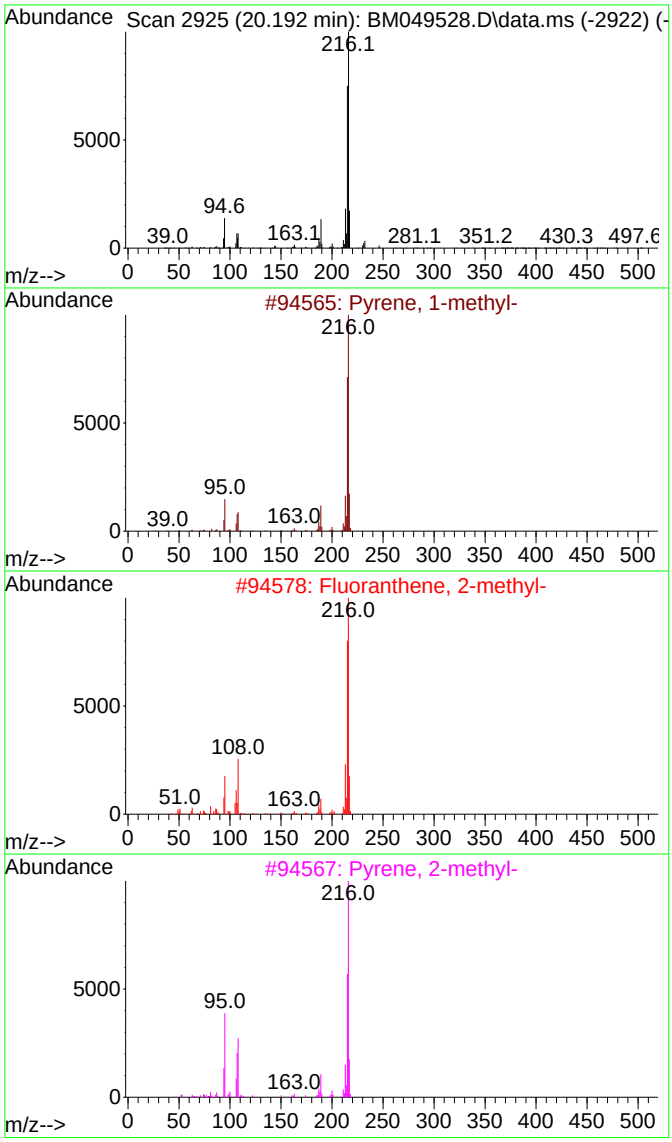
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

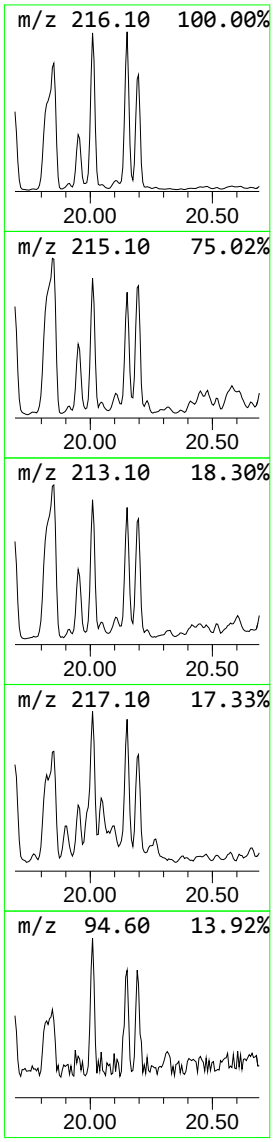
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.192	2.87 ng/ul	2463750	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

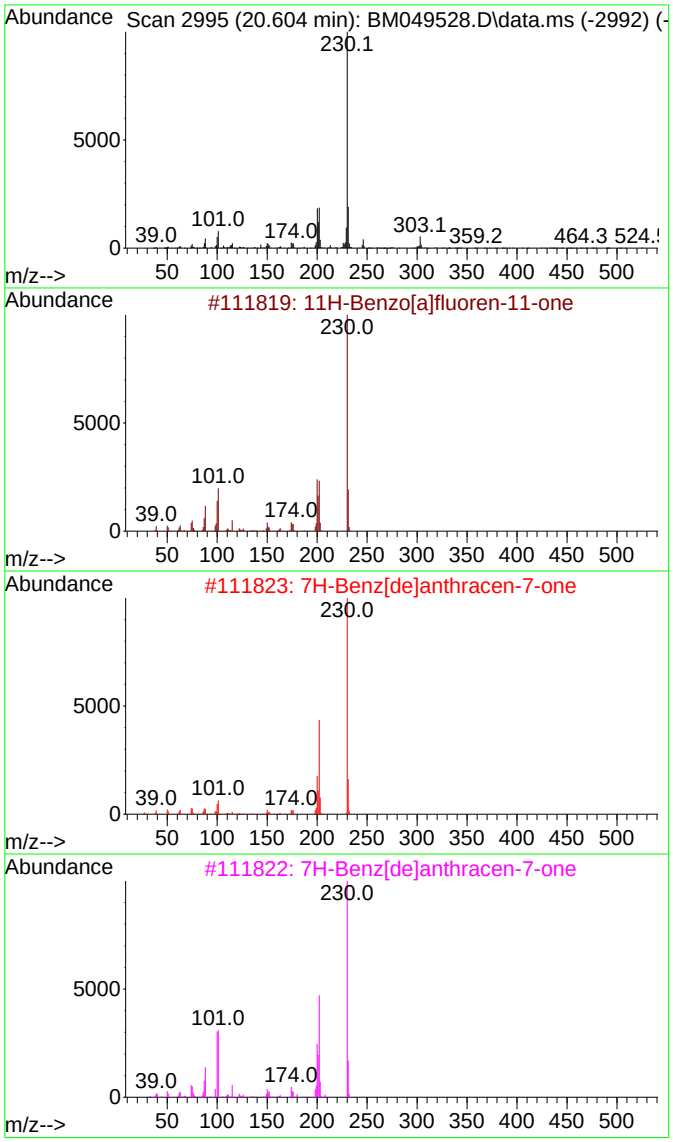
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

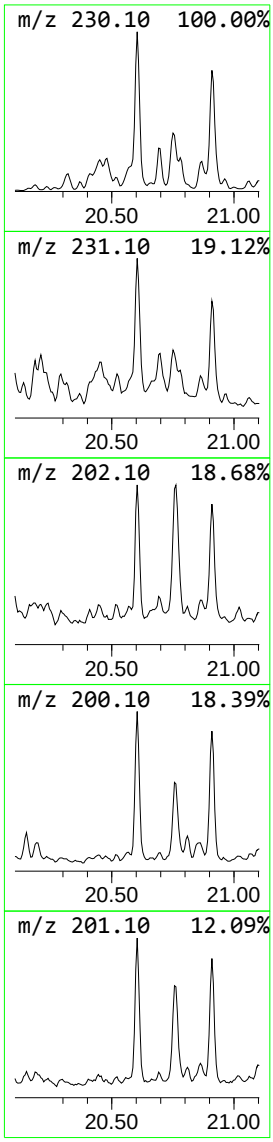
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.604	2.51 ng/ul	2153860	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

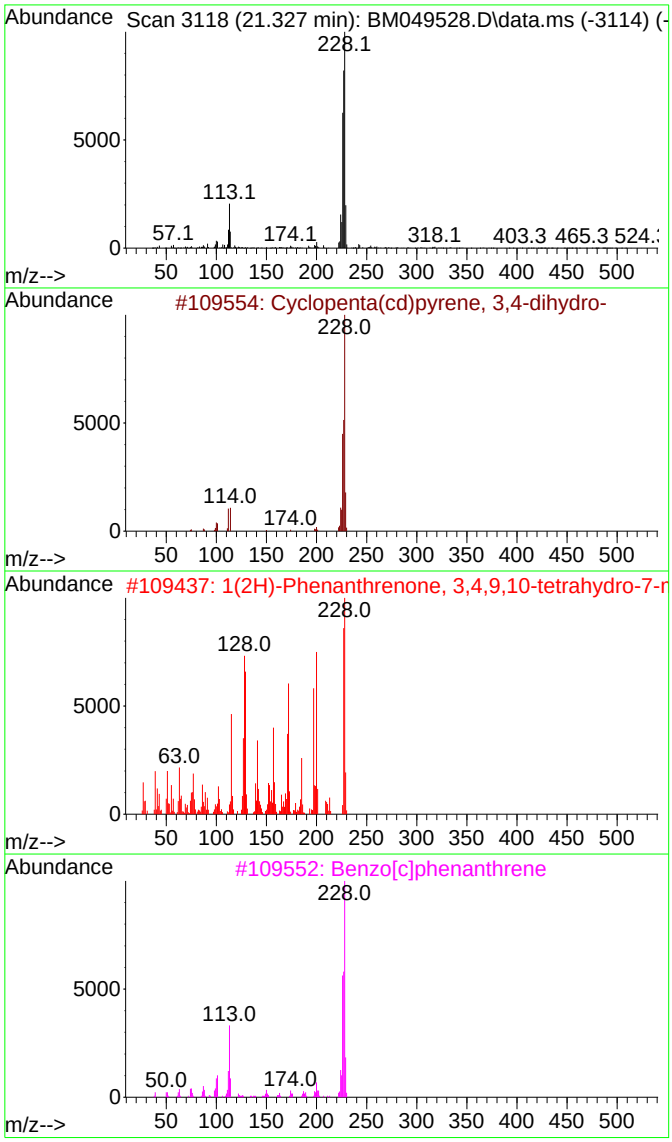
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

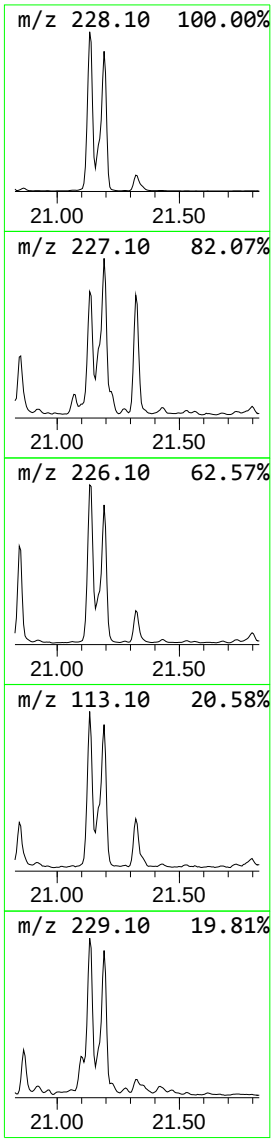
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.327	2.06 ng/ul	1769230	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	94
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	68
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
4	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	59
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

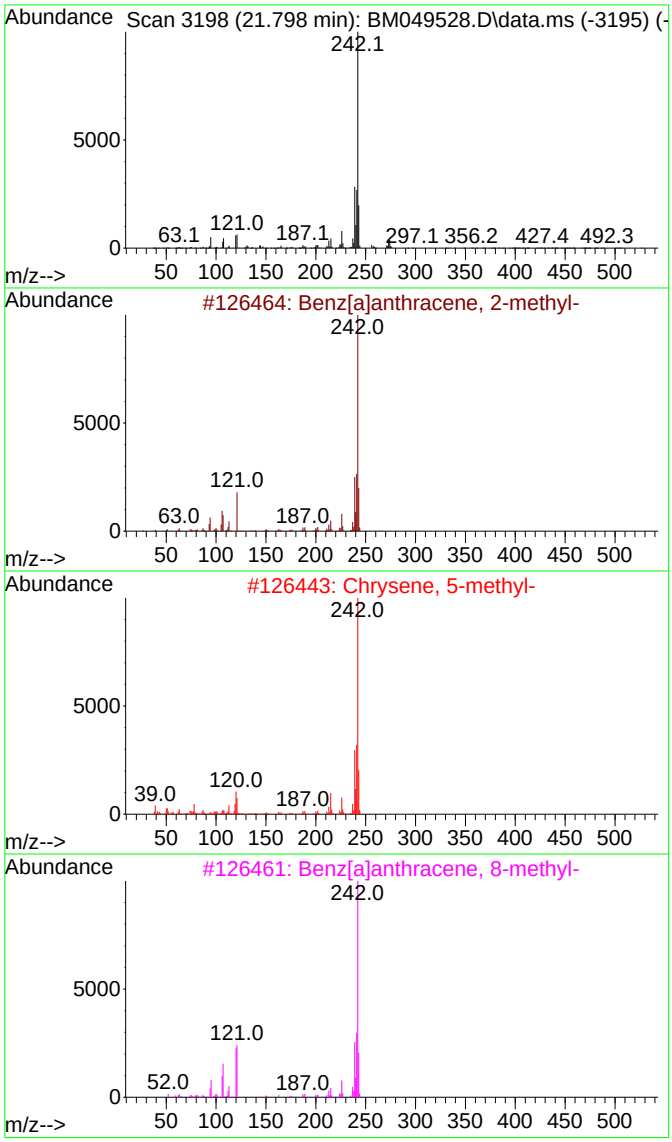
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

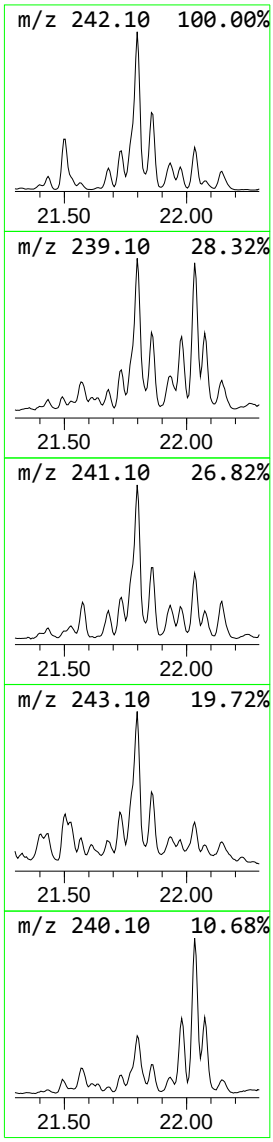
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benz[a]anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.798	3.72 ng/ul	3196420	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	92
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

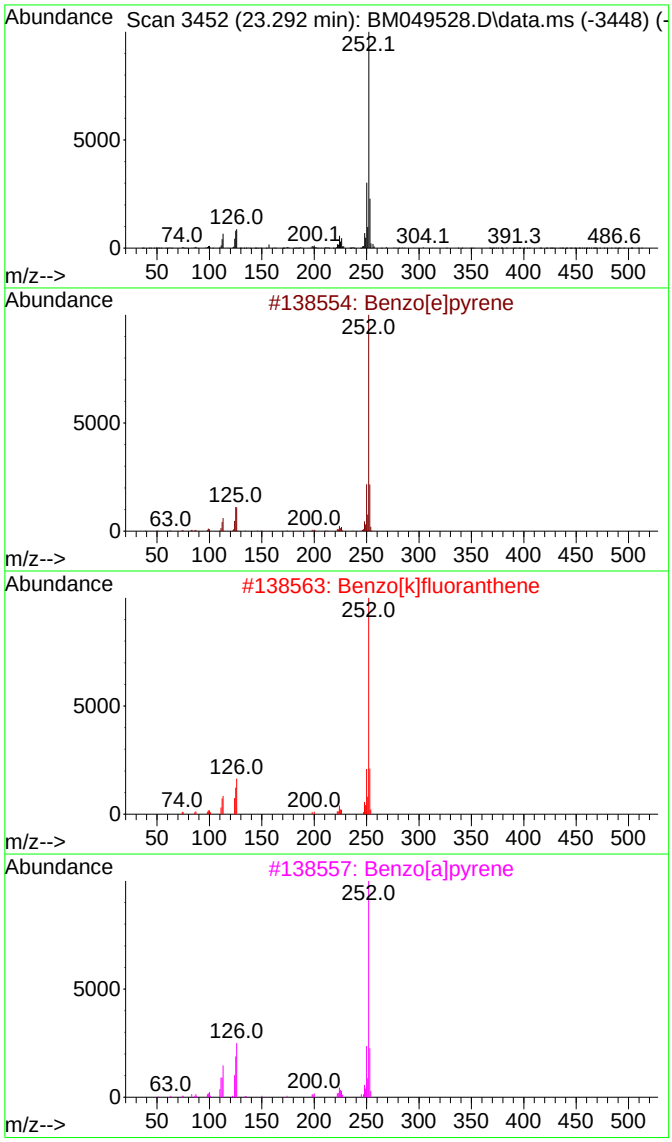
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

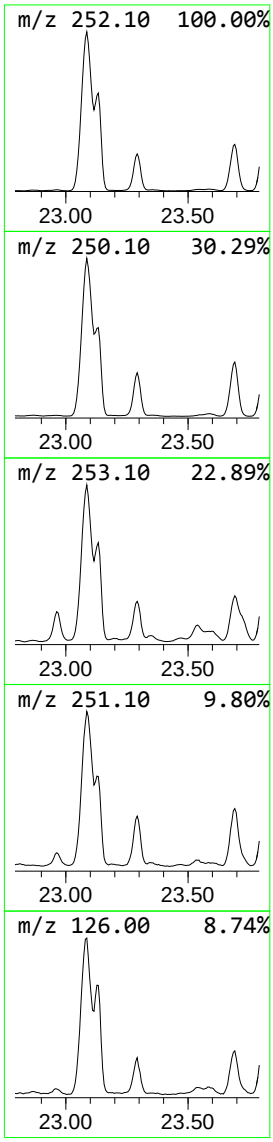
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	6.15 ng/ul	2927110	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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
Benzene, 1-ethe...	7.181	2.7	ng/ul	237341	1	7.510	1752700	20.0
Benzyl alcohol	7.763	9.0	ng/ul	787338	1	7.510	1752700	20.0
Indene	8.040	4.0	ng/ul	353655	1	7.510	1752700	20.0
9H-Fluoren-9-one	17.098	3.5	ng/ul	624499	4	16.910	3537710	20.0
Anthracene, 2-m...	17.786	3.0	ng/ul	527699	4	16.910	3537710	20.0
Phenanthrene, 1...	17.833	6.9	ng/ul	1223460	4	16.910	3537710	20.0
Phenanthrene, 2...	17.916	5.9	ng/ul	1038290	4	16.910	3537710	20.0
4H-Cyclopenta[d...	17.980	19.4	ng/ul	3435980	4	16.910	3537710	20.0
9,10-Anthracene...	18.339	2.3	ng/ul	404782	4	16.910	3537710	20.0
Phenanthrene, 3...	18.639	3.6	ng/ul	631895	4	16.910	3537710	20.0
Phenanthrene, 2...	18.715	7.7	ng/ul	1369660	4	16.910	3537710	20.0
Cyclopenta(def)...	18.863	24.3	ng/ul	4295130	4	16.910	3537710	20.0
Pyrene, 1-methyl-	19.680	4.5	ng/ul	3873640	5	21.151	17179500	20.0
11H-Benzo[b]flu...	19.815	3.0	ng/ul	2533660	5	21.151	17179500	20.0
Pyrene, 2-methyl-	20.009	4.0	ng/ul	3438470	5	21.151	17179500	20.0
Pyrene, 4-methyl-	20.151	2.4	ng/ul	2099060	5	21.151	17179500	20.0
Fluoranthene, 2...	20.192	2.9	ng/ul	2463750	5	21.151	17179500	20.0
11H-Benzo[a]flu...	20.604	2.5	ng/ul	2153860	5	21.151	17179500	20.0
Cyclopenta(cd)p...	21.327	2.1	ng/ul	1769230	5	21.151	17179500	20.0
Benz[a]anthrace...	21.798	3.7	ng/ul	3196420	5	21.151	17179500	20.0
Benzo[e]pyrene	23.292	6.2	ng/ul	2927110	6	23.945	9526020	20.0