LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

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-BM053124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM045849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.716	627	634	646	rBV	1433429	2526050	4.19%	0.474%
2	6.828	647	653	663	rVV	1064245	1689993	2.80%	0.317%
3	7.028	680	687	694	rVV	1498249	2329686	3.86%	0.437%
4	7.463	754	761	769	rBV	1155351	1724409	2.86%	0.323%
5	8.234	885	892	899	rBV	1611269	2655259	4.40%	0.498%
6	8.628	952	959	966	rBV	1496450	2382412	3.95%	0.447%
7	9.339	1073	1080	1090	rBV	1236780	2021565	3.35%	0.379%
8	9.886	1167	1173	1185	rVB	1687344	2786331	4.62%	0.522%
9	10.228	1224	1231	1235	rBV	1484928	2380628	3.95%	0.446%
10	10.275	1235	1239	1248	rVB	2016154	3329907	5.52%	0.624%
11	10.416	1255	1263	1280	rVB2	554547	1127925	1.87%	0.211%
12	11.898	1508	1515	1522	rVB	1250995	1963755	3.25%	0.368%
13	12.122	1547	1553	1562	rVB	1125469	1771718	2.94%	0.332%
14	13.422	1769	1774	1779	rBV	958874	1541563	2.56%	0.289%
15	13.551	1791	1796	1802	rVV	2515357	3496109	5.79%	0.655%
16	13.798	1831	1838	1840	rBV	2877342	4260485	7.06%	0.799%
17	13.827	1840	1843	1855	rVB	2438735	3543395	5.87%	0.664%
18	14.104	1880	1890	1895	rBV2	1952256	3183156	5.28%	0.597%
19	14.169	1895	1901	1910	rBV	1857573	2829531	4.69%	0.530%
20	14.345	1921	1931	1932	rBV	1779015	2414157	4.00%	0.453%
21	14.363	1932	1934	1938	rVV	1980874	2522258	4.18%	0.473%
22	14.410	1938	1942	1950	rVB2	842222	1290157	2.14%	0.242%
23	14.510	1953	1959	1967	rVB	2716642	3997179	6.63%	0.749%
24	15.104	2054	2060	2065	rBV	3400625	4653748	7.71%	0.872%
25	15.157	2065	2069	2074	rBV	2527559	3470468	5.75%	0.651%
26	15.251	2080	2085	2088	rBV2	764731	993781	1.65%	0.186%
27	15.457	2115	2120	2131	rVB	1391249	2018827	3.35%	0.378%
28	15.604	2137	2145	2154	rVB	1360737	2859988	4.74%	0.536%
29	15.839	2179	2185	2199	rVB4	1066448	2130662	3.53%	0.399%
30	16.163	2231	2240	2246	rBV3	717903	1721568	2.85%	0.323%
31	16.398	2276	2280	2283	rVV2	768933	1156980	1.92%	0.217%
32	16.439	2283	2287	2290	rVV2	749255	1148347	1.90%	0.215%
33	16.515	2295	2300	2307	rVB	4637143	6627769	10.99%	1.243%
34	16.586	2307	2312	2318	rBV	833662	1587803	2.63%	0.298%
35	16.674	2322	2327	2331	rVB	2539723	3444660	5.71%	0.646%
36	16.857	2352	2358	2360	rVV	1561738	2421251	4.01%	0.454%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

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-BM053124.MA.M
Title : SVOA CALIBRATION

37	16.910	2360	2367	2371	rVV	32957206	55638105	92.22%	10.431%
38	16.957	2371	2375	2377	rVV	3546007	4804972	7.96%	0.901%
39	16.986	2377	2380	2385	rVV	4306681	5553016	9.20%	1.041%
40	17.045	2386	2390	2396	rVV3	602633	1070203	1.77%	0.201%
41	17.274	2425	2429	2441	rVV	5246703	8135724	13.48%	1.525%
42	17.380	2441	2447	2452	rVV3	1049039	1872858	3.10%	0.351%
43	17.439	2452	2457	2465	rVB3	1185414	2163651	3.59%	0.406%
44	17.727	2500	2506	2510	rBV	4509383	6261106	10.38%	1.174%
45	17.774	2510	2514	2521	rVB	6675331	8805709	14.60%	1.651%
46	17.851	2523	2527	2532	rVB	695716	984321	1.63%	0.185%
47	17.915	2532	2538	2542	rBV2	4714927	7781883	12.90%	1.459%
48	17.957	2542	2545	2553	rVB	2695247	3533711	5.86%	0.662%
49	18.045	2556	2560	2564	rBV3	905956	1424469	2.36%	0.267%
50	18.239	2588	2593	2596	rVV	3242529	4809644	7.97%	0.902%
51	18.286	2596	2601	2606	rVB	12731700	16787359	27.83%	3.147%
52	18.480	2631	2634	2639	rVB2	648411	880934	1.46%	0.165%
53	18.533	2639	2643	2646	rVB	1132097	1322889	2.19%	0.248%
54	18.574	2646	2650	2656	rVB2	779168	1096000	1.82%	0.205%
55	18.657	2658	2664	2666	rBV	1613899	2685692	4.45%	0.504%
56	18.686	2666	2669	2677	rVV4	2259782	4171036	6.91%	0.782%
57	18.804	2683	2689	2695	rBV2	4027225	6330283	10.49%	1.187%
58	18.939	2702	2712	2716	rVB2	33533224	60331778	100.00%	11.311%
59	18.992	2716	2721	2723	rBV2	709297	884604	1.47%	0.166%
60	19.021	2723	2726	2730	rVB2	852499	1011815	1.68%	0.190%
61	19.068	2730	2734	2739	rVB	1740316	2188083	3.63%	0.410%
62	19.133	2739	2745	2747	rBV2	1965947	2995723	4.97%	0.562%
63	19.162	2747	2750	2756	rVB	988761	1353365	2.24%	0.254%
64	19.262	2761	2767	2768	rVV	9017544	11860749	19.66%	2.224%
65	19.298	2768	2773	2779	rVV	24500270	37865441	62.76%	7.099%
66	19.356	2779	2783	2790	rVB2	2046380	3030312	5.02%	0.568%
67	19.468	2797	2802	2807	rBV	2415809	2964306	4.91%	0.556%
68	19.527	2807	2812	2819	rVB2	958704	1634512	2.71%	0.306%
69	19.615	2821	2827	2833	rBV4	2260830	5387426	8.93%	1.010%
70	19.745	2845	2849	2852	rVV2	1906568	2967114	4.92%	0.556%
71	19.780	2852	2855	2859	rVB	2484463	3391749	5.62%	0.636%
72	19.886	2869	2873	2876	rBV	1154679	1388283	2.30%	0.260%
73	19.939	2876	2882	2887	rBV2	2951941	4558513	7.56%	0.855%
74	20.027	2893	2897	2902	rBV	639304	918001	1.52%	0.172%
75	20.080	2902	2906	2909	rBV	1030649	1229134	2.04%	0.230%
76	20.127	2909	2914	2918	rBV2	1052787	1706963	2.83%	0.320%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

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-BM053124.MA.M
Title : SVOA CALIBRATION

77	20.539	2979	2984	2990	rVB	6276149	7813145	12.95%	1.465%
78	20.692	3005	3010	3014	rBV2	4378894	6295402	10.43%	1.180%
79	20.739	3014	3018	3021	rVV	2692530	3471923	5.75%	0.651%
80	20.780	3021	3025	3030	rVV3	3288260	5853198	9.70%	1.097%
81	20.839	3030	3035	3040	rVB	6003974	7740473	12.83%	1.451%
82	20.945	3050	3053	3063	rVB3	663674	1411179	2.34%	0.265%
83	21.056	3064	3072	3078	rVV2	10251463	21484756	35.61%	4.028%
84	21.115	3078	3082	3093	rVB	12495518	19615396	32.51%	3.677%
85	21.256	3100	3106	3110	rBV4	576849	1403741	2.33%	0.263%
86	21.303	3110	3114	3120	rVV2	1299742	2149055	3.56%	0.403%
87	21.480	3141	3144	3148	rVB3	764957	924819	1.53%	0.173%
88	21.703	3179	3182	3187	rVB	1771174	2366284	3.92%	0.444%
89	21.774	3188	3194	3203	rBV4	2459300	6089435	10.09%	1.142%
90	21.933	3217	3221	3225	rBV2	794271	1267014	2.10%	0.238%
91	22.480	3310	3314	3323	rVB3	1005641	1971333	3.27%	0.370%
92	22.956	3386	3395	3401	rBV2	7328283	22708836	37.64%	4.257%
93	23.003	3401	3403	3410	rVB	5481894	8066339	13.37%	1.512%
94	23.162	3425	3430	3443	rVB	1388881	2846357	4.72%	0.534%
95	23.550	3490	3496	3502	rBV	1451953	3209078	5.32%	0.602%
96	23.609	3502	3506	3511	rVV2	923742	1881508	3.12%	0.353%
97	23.674	3511	3517	3527	rVB	3292600	6993270	11.59%	1.311%
98	23.786	3531	3536	3543	rVB	1011120	2250373	3.73%	0.422%
99	24.680	3683	3688	3696	rVB2	1003685	2379713	3.94%	0.446%
100	26.809	4040	4050	4068	rVB2	1720959	7418155	12.30%	1.391%

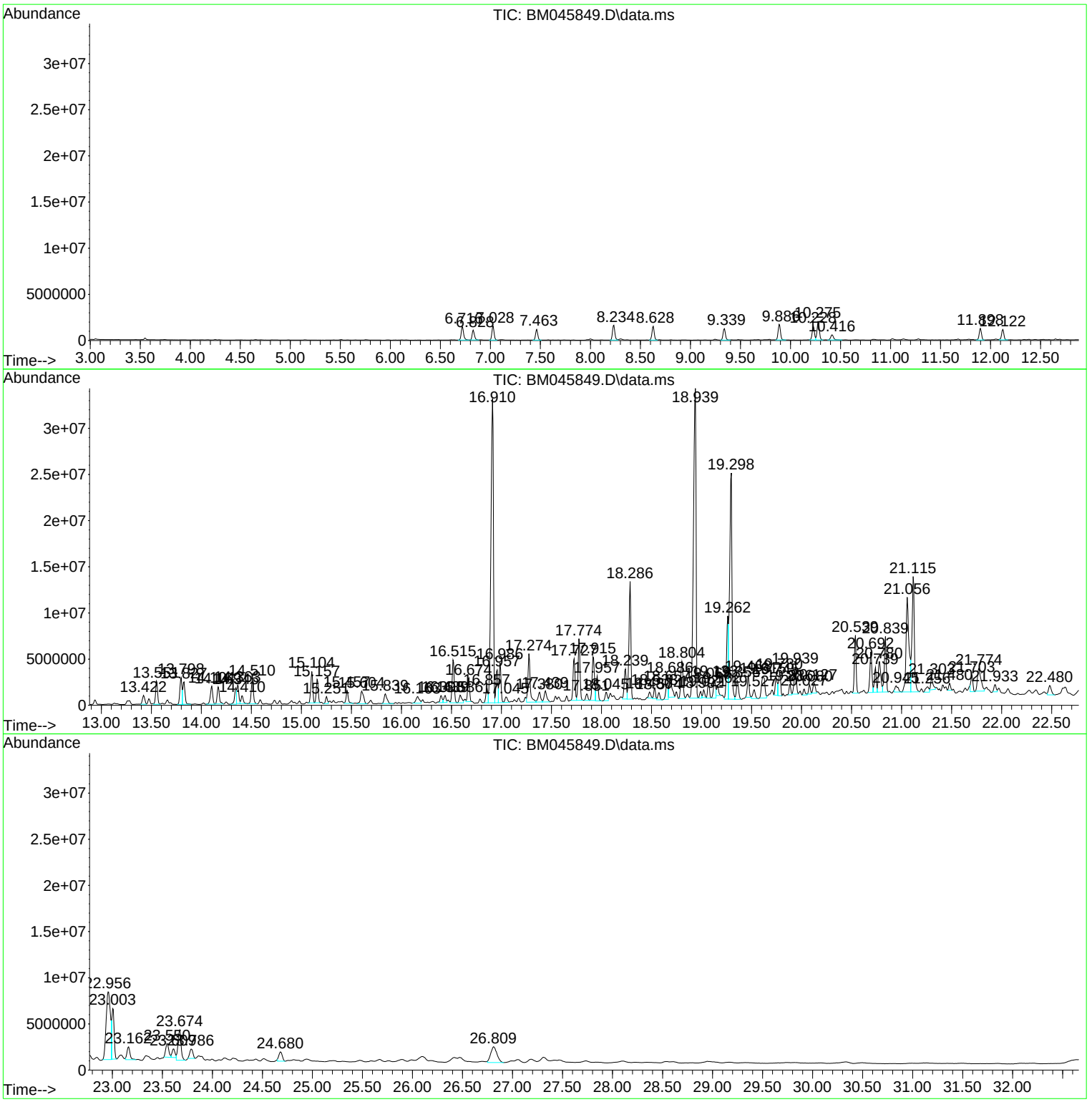
Sum of corrected areas: 533395698

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.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\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

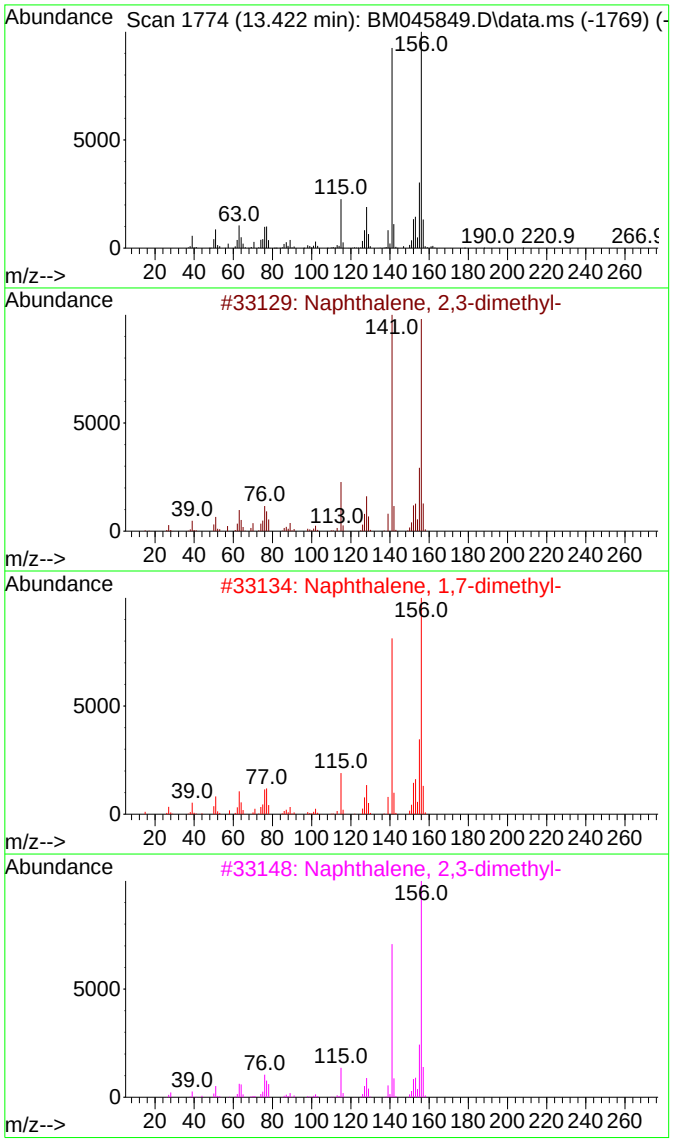
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

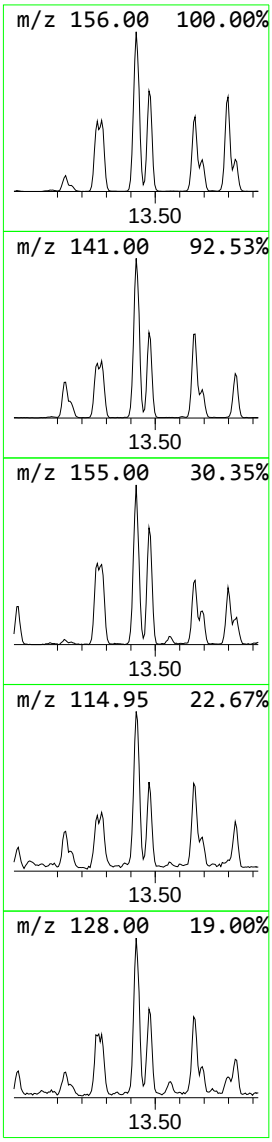
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	9.69 ng/ul	1541560	Acenaphthene-d10	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

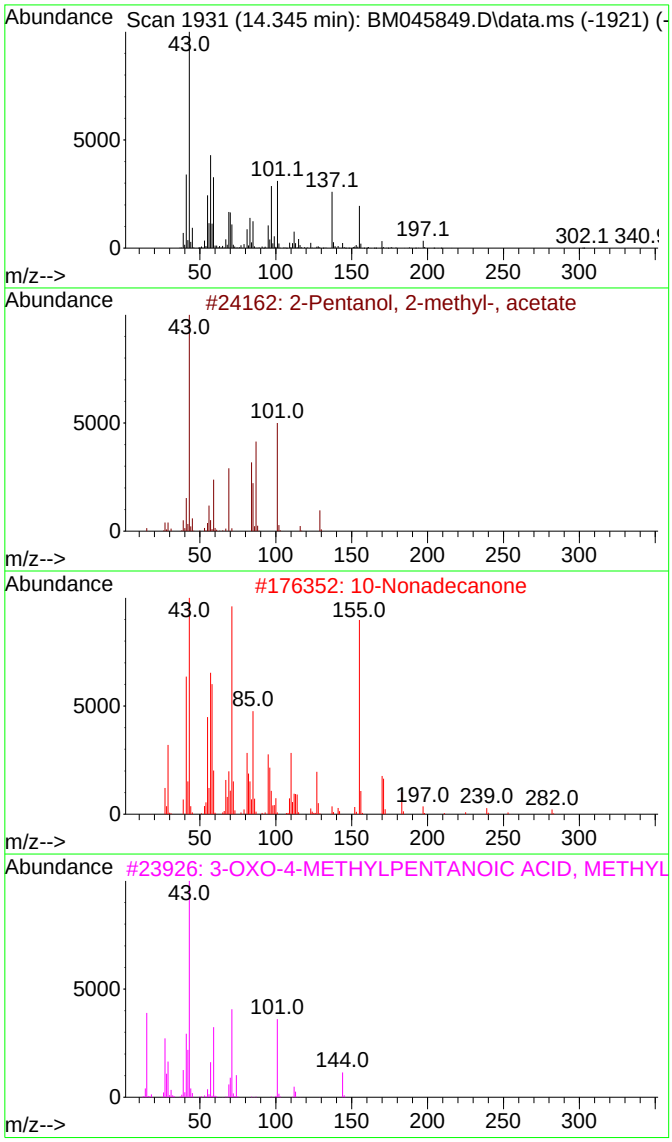
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

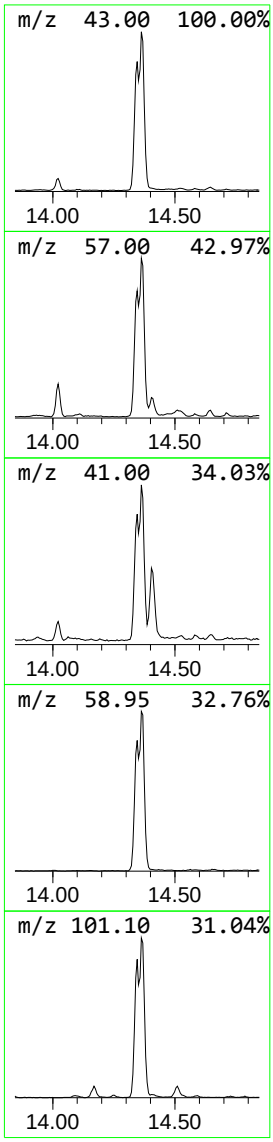
****

Peak Number 2 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	15.17 ng/ul	2414160	Acenaphthene-d10	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-, acetate	144	C8H16O2	034859-98-8	14
2	10-Nonadecanone	282	C19H38O	000504-57-4	12
3	3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	12
4	Pent-4-enoyl amide, 2-methyl-N-p...	155	C9H17NO	1000420-35-2	12
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

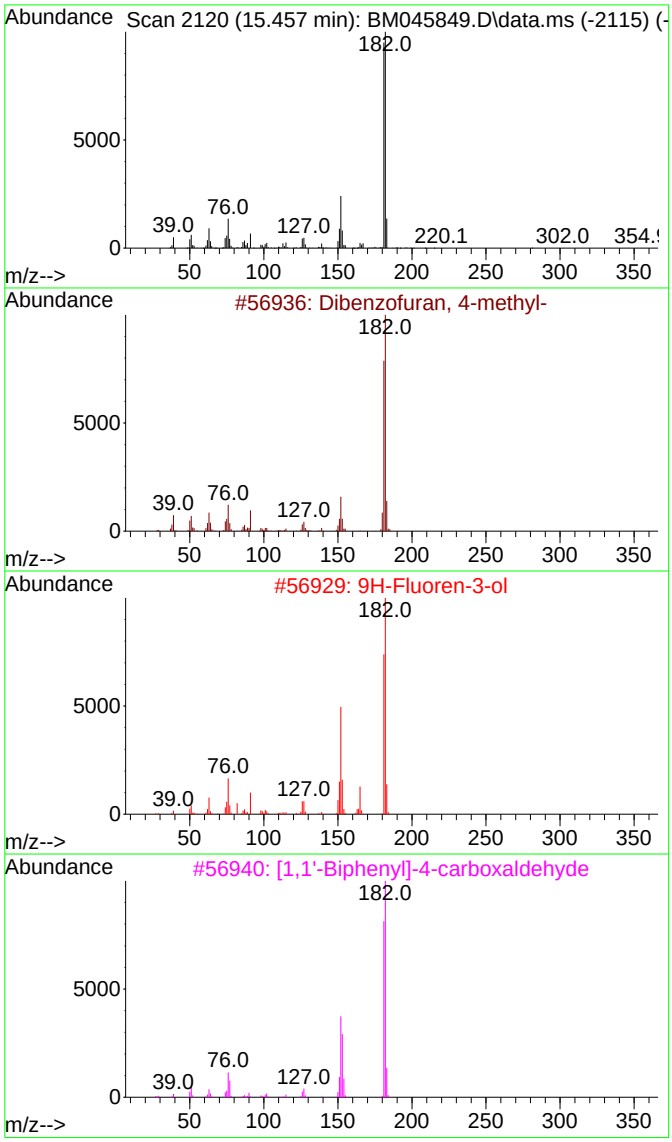
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

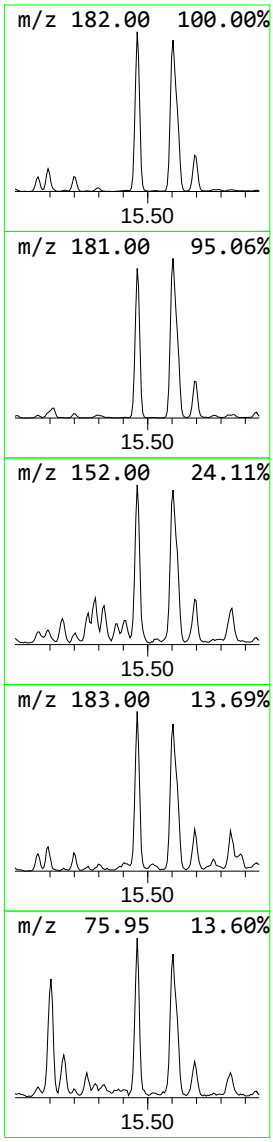
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	12.68 ng/ul	2018830	Acenaphthene-d10	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

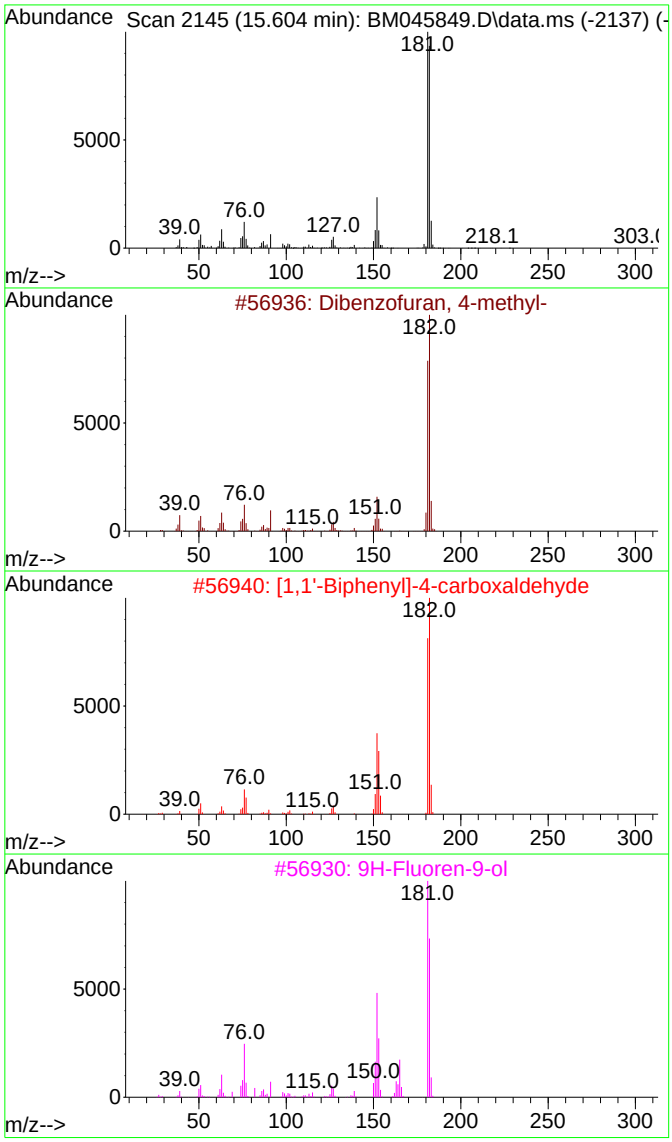
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

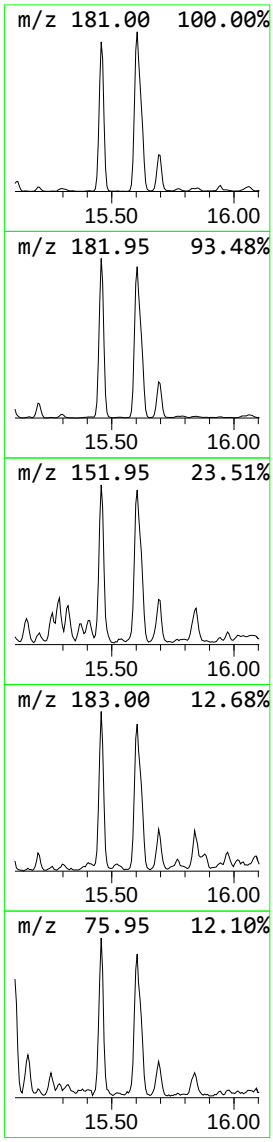
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	23.62 ng/ul	2859990	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

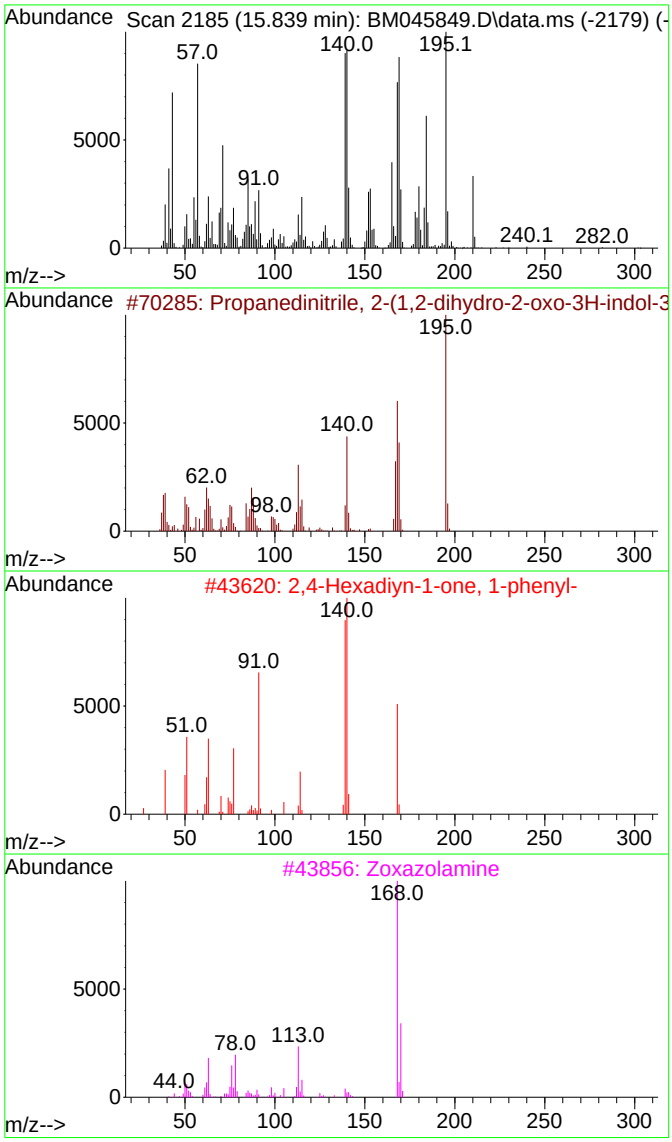
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

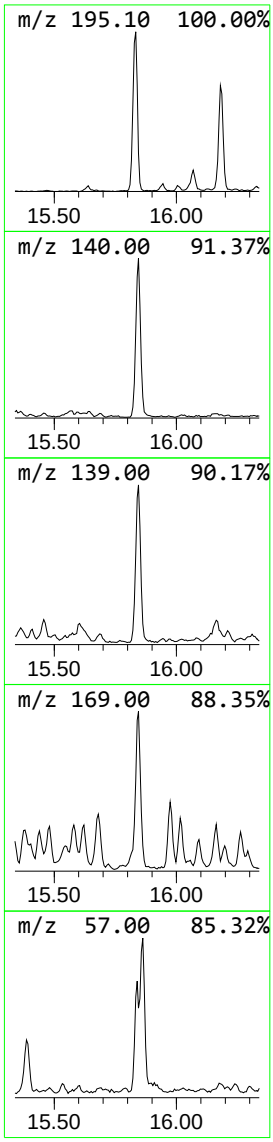
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	17.60 ng/ul	2130660	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedinitrile, 2-(1,2-dihydro...	195	C11H5N3O	006623-89-8	43
2	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	43
3	Zoxazolamine	168	C7H5ClN2O	000061-80-3	25
4	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	25
5	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

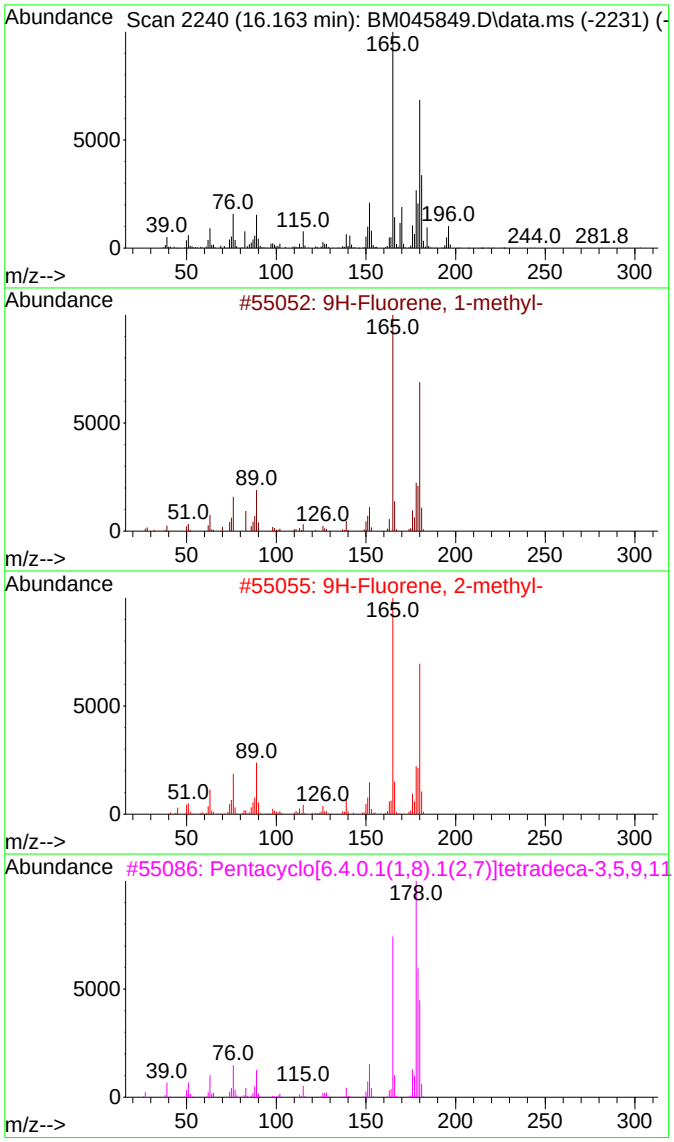
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

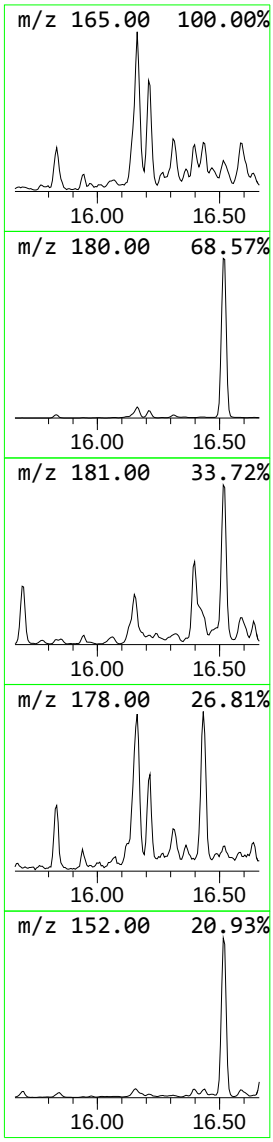
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	14.22 ng/ul	1721570	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

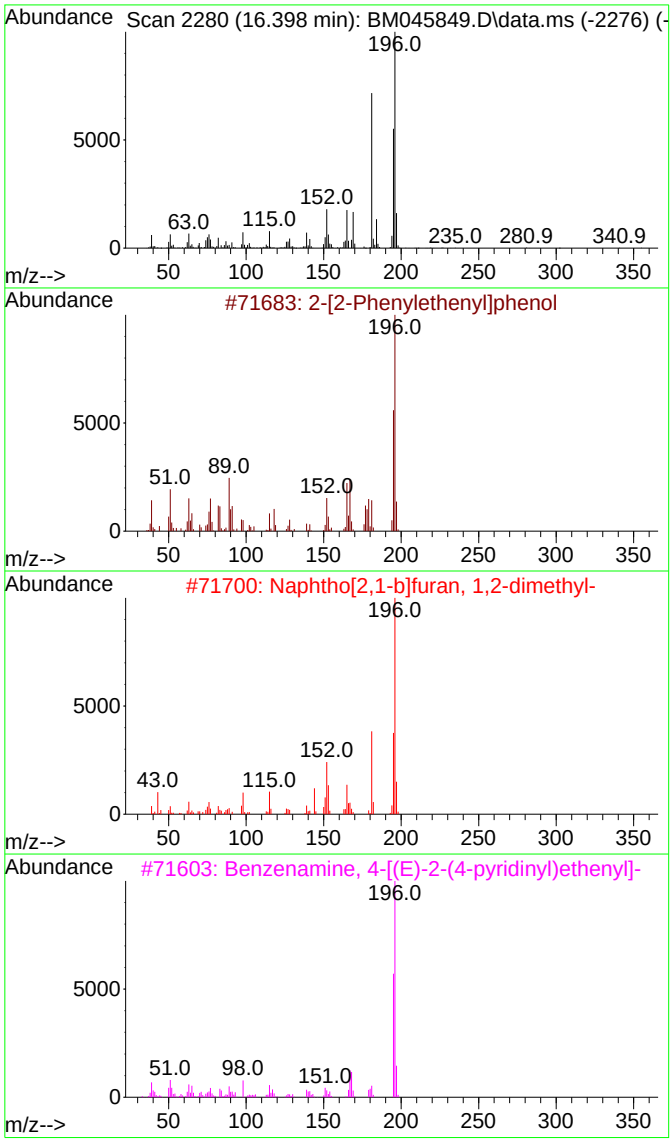
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

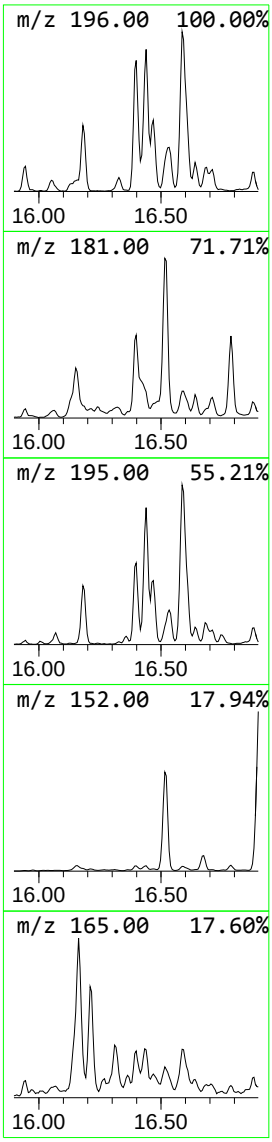
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-[2-Phenylethenyl]phenol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	9.56 ng/ul	1156980	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	64
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	58
3	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	52
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	52
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

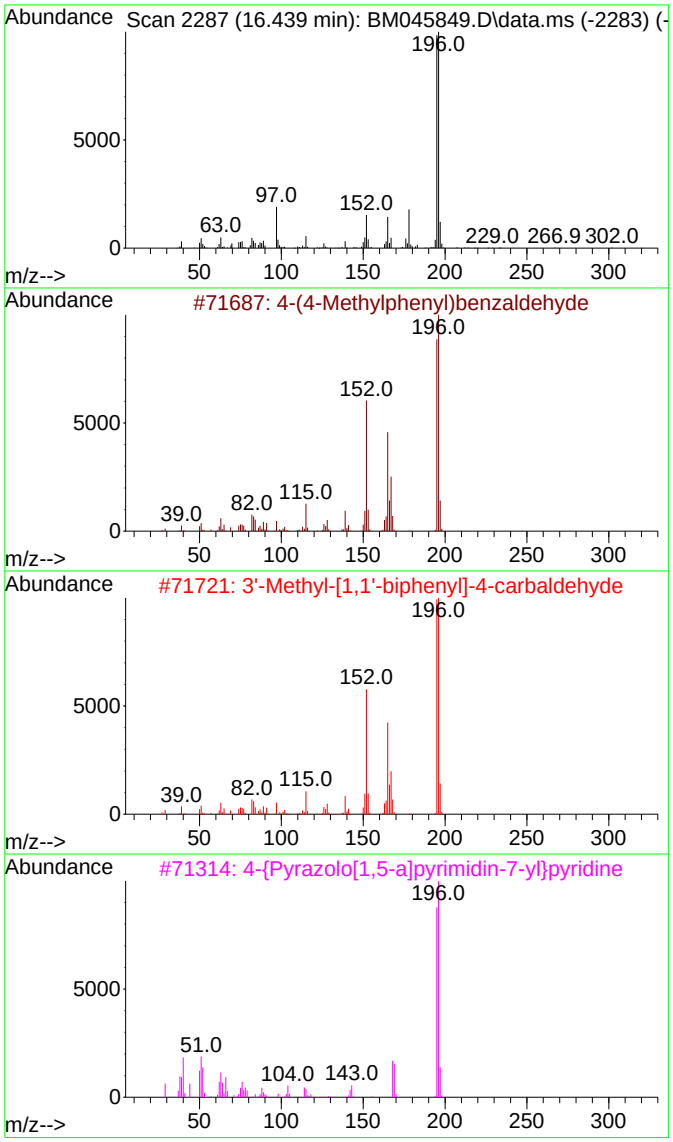
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

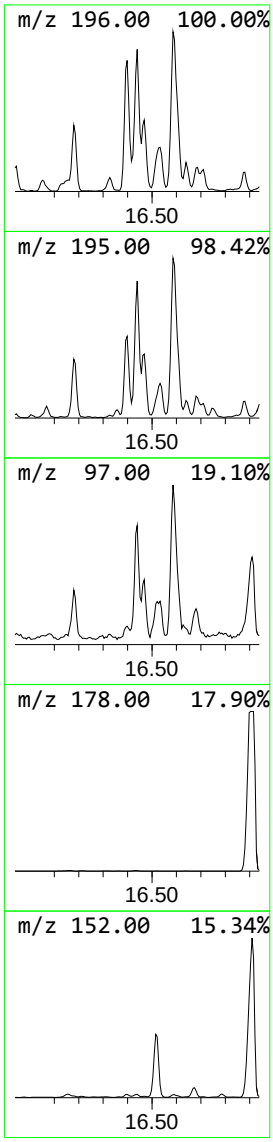
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-(4-Methylphenyl)benzaldehyde Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	9.49 ng/ul	1148350	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	74
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	74
3	4-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	1000443-78-9	53
4	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	53
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

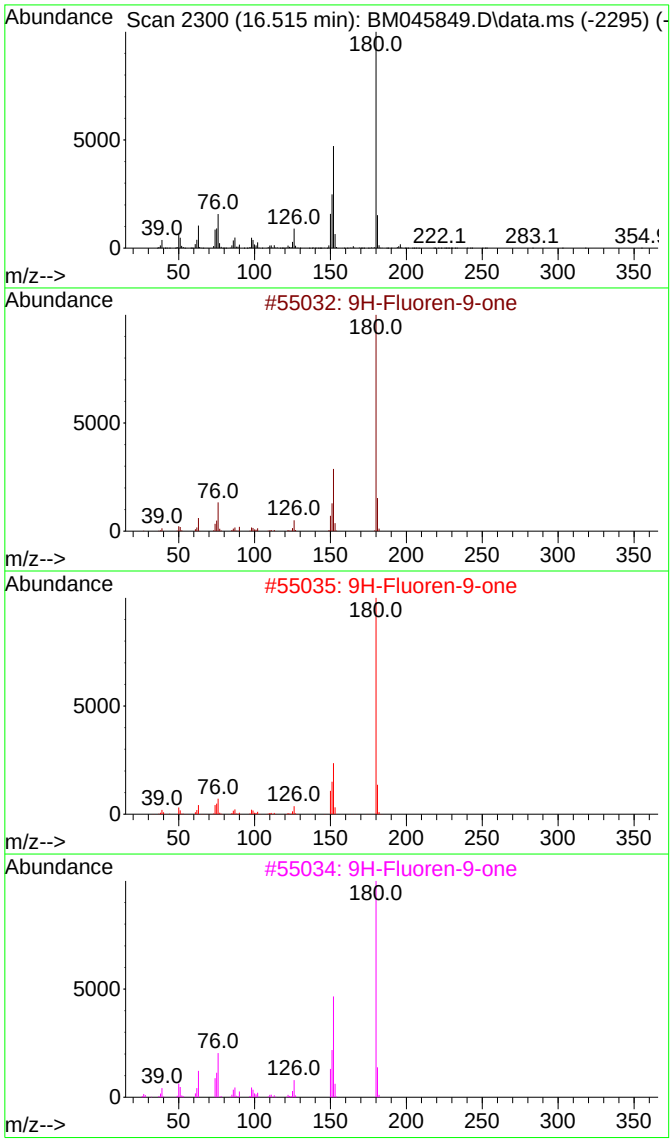
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

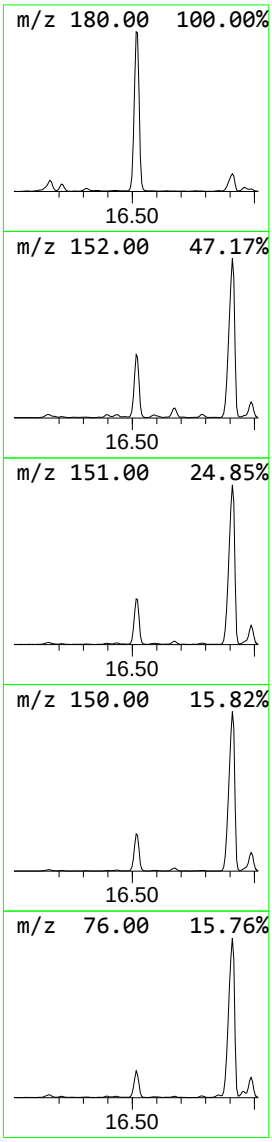
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluoren-9-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.515	54.75 ng/ul	6627770	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

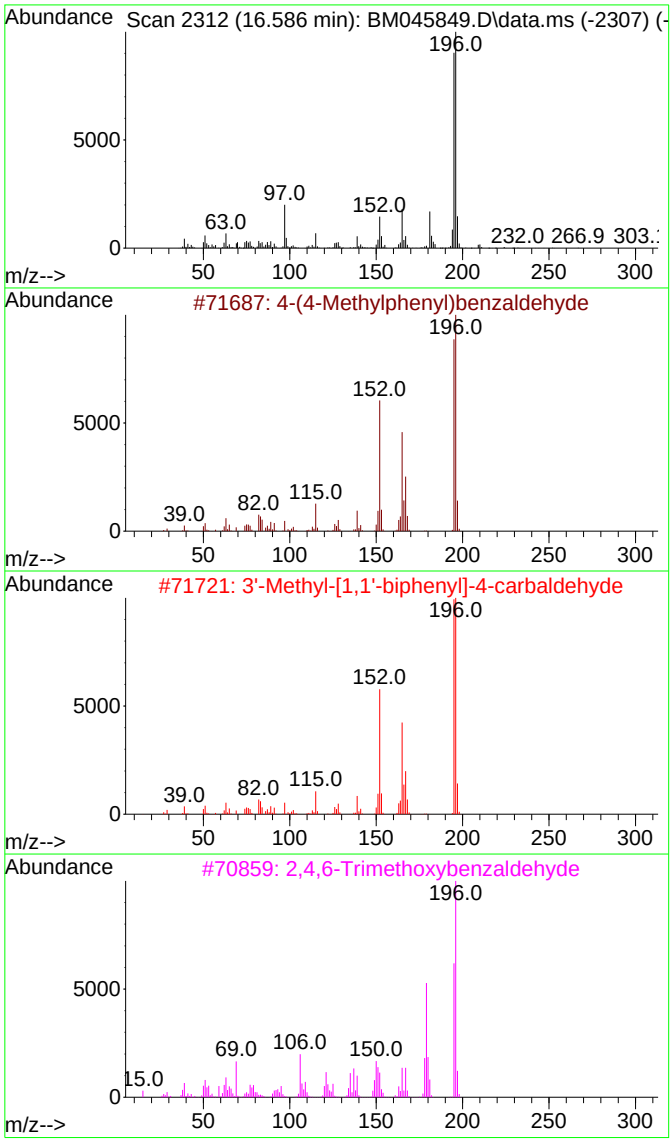
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

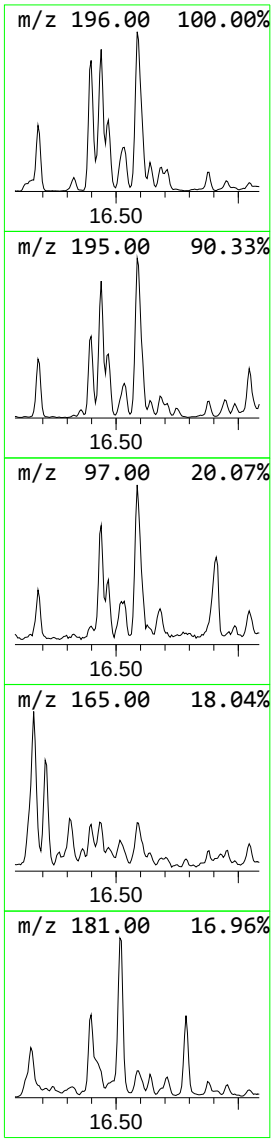
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	13.12 ng/ul	1587800	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	80
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

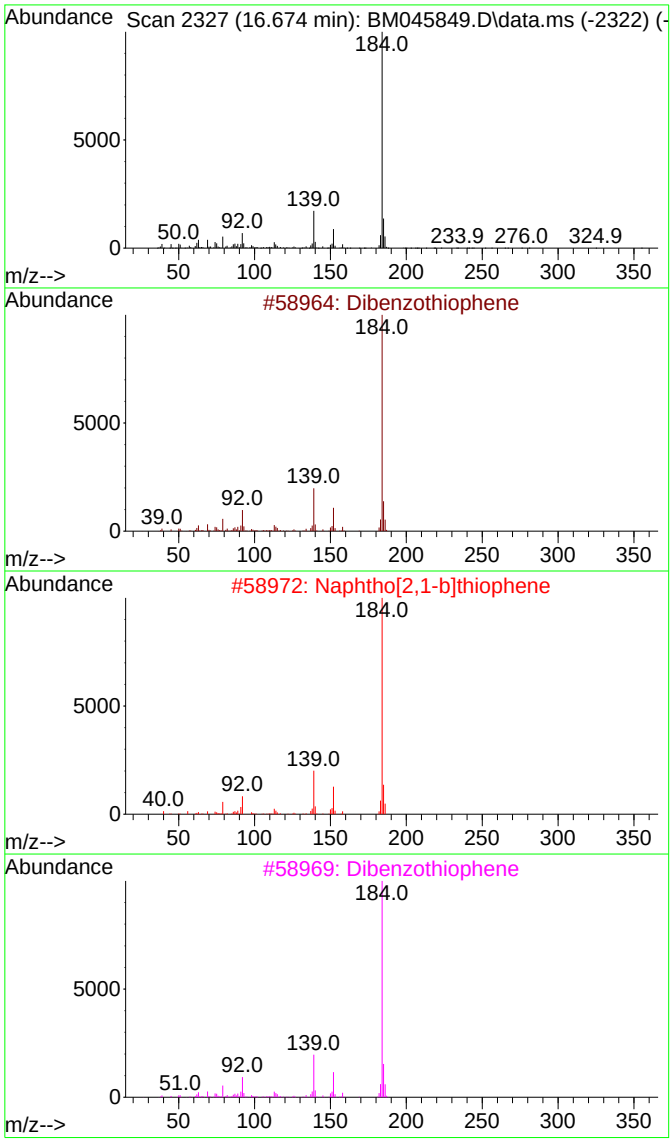
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

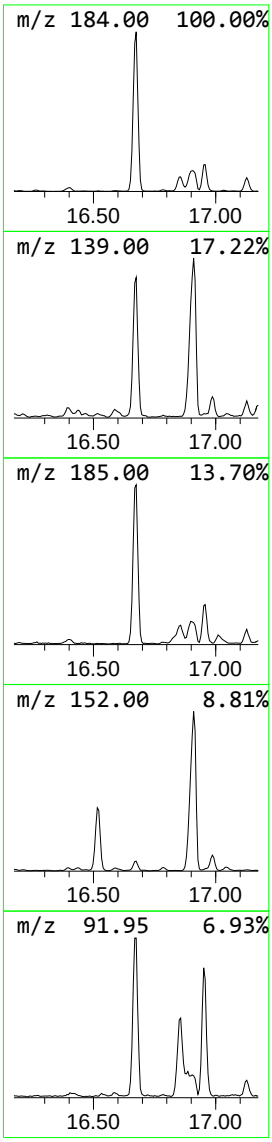
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	28.45 ng/ul	3444660	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
5	Dibenzothiophene	184	C12H8S	000132-65-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

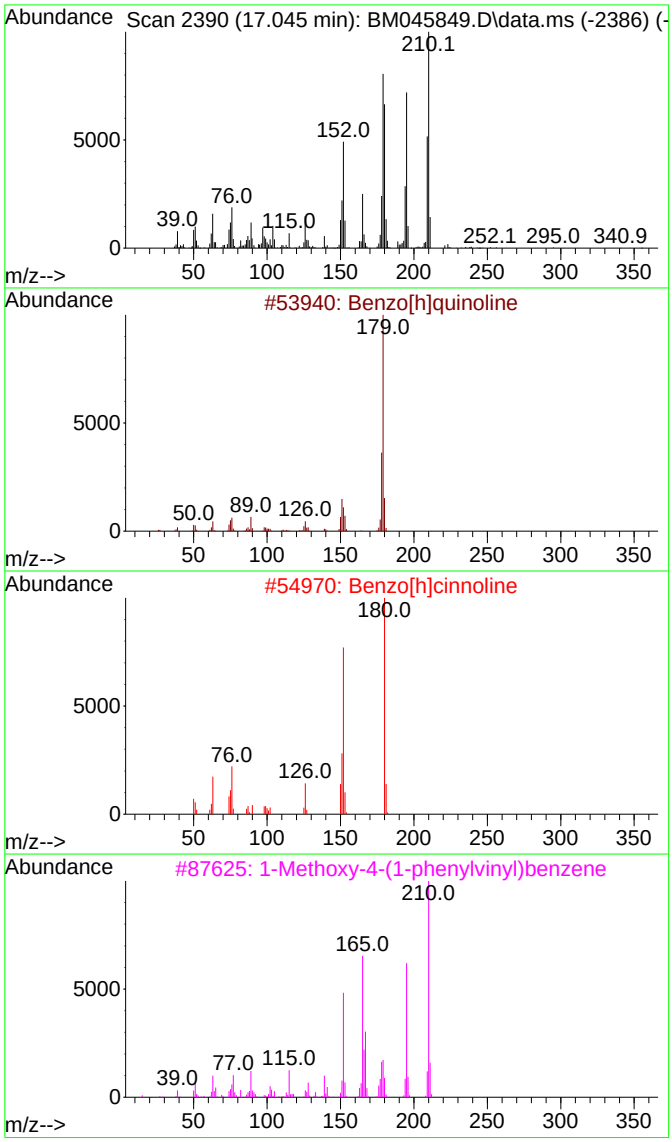
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

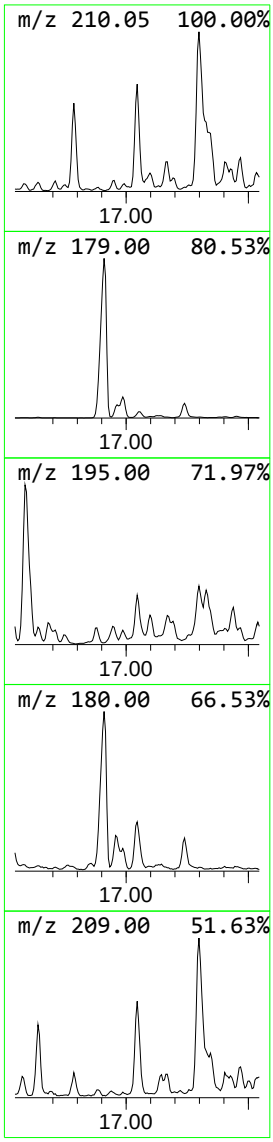
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[h]quinoline Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	8.84 ng/ul	1070200	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	60
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	59
3	1-Methoxy-4-(1-phenylvinyl)benzene	210	C15H14O	004333-75-9	43
4	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	41
5	5H-[1]Pyrindine-3,7-dicarbonitri...	210	C12H10N4	1000302-80-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

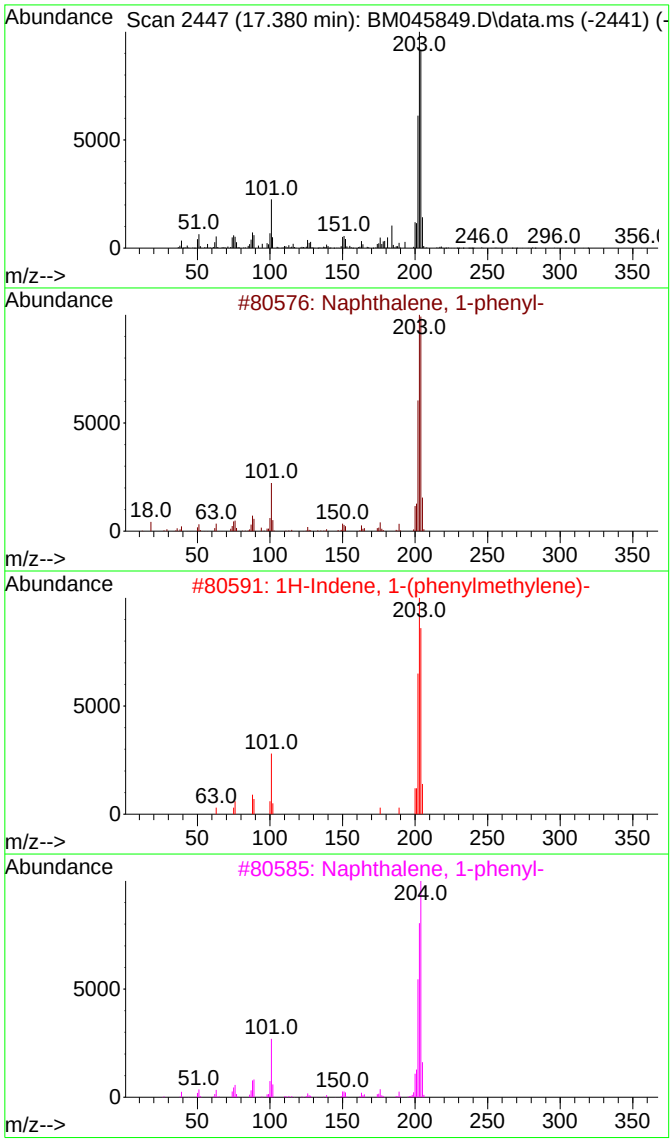
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

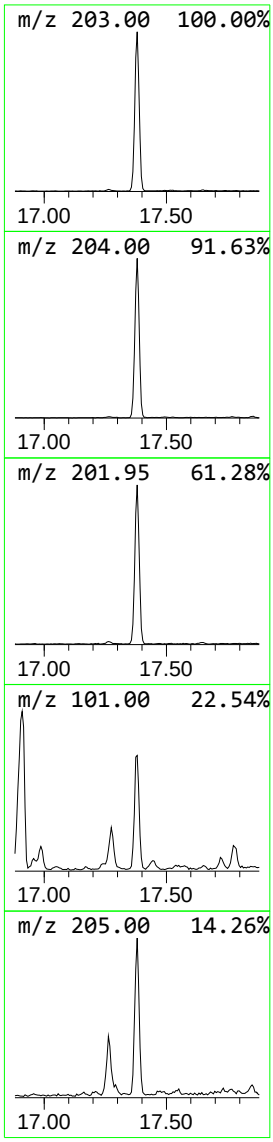
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.380	15.47 ng/ul	1872860	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	94
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

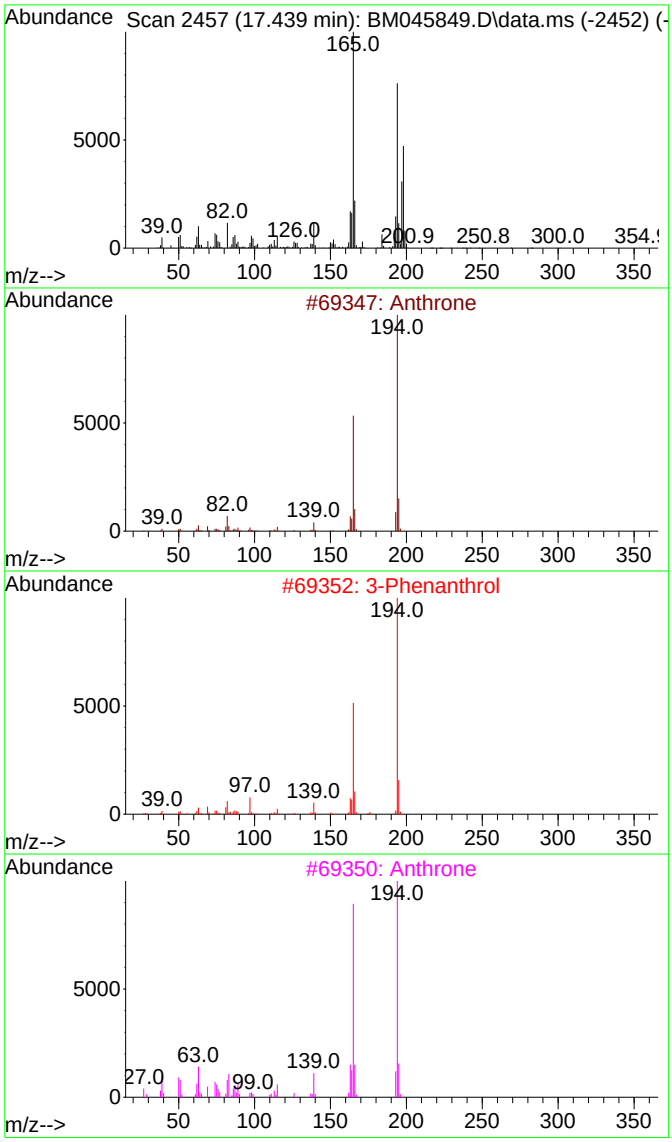
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

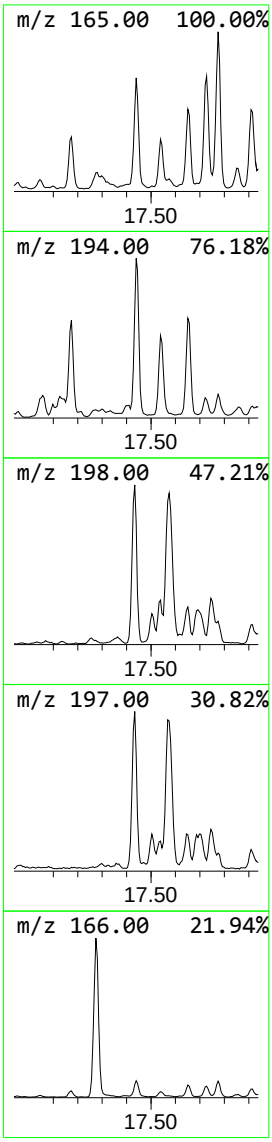
****

Peak Number 14 Anthrone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.439	17.87 ng/ul	2163650	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	89
2	3-Phenanthrol	194	C14H10O	000605-87-8	70
3	Anthrone	194	C14H10O	000090-44-8	70
4	9-anthracenol	194	C14H10O	1000400-30-3	64
5	1-Phenanthrenol	194	C14H10O	002433-56-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

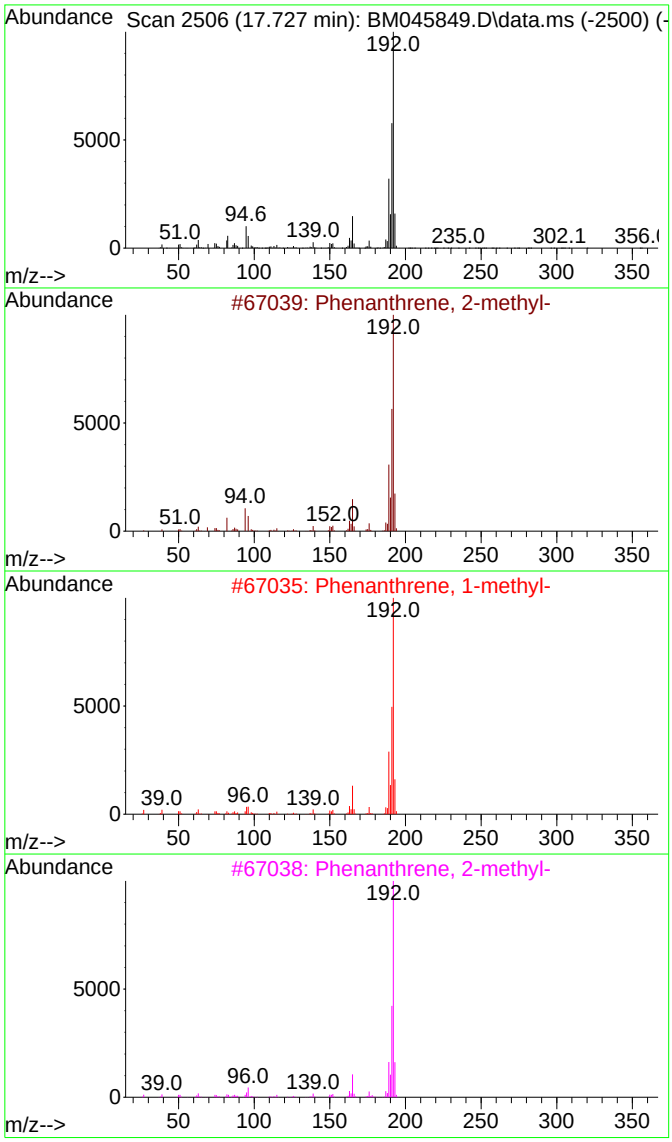
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

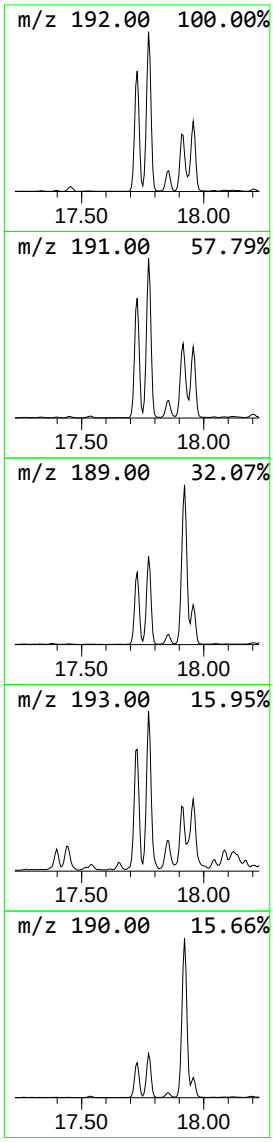
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	51.72 ng/ul	6261110	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

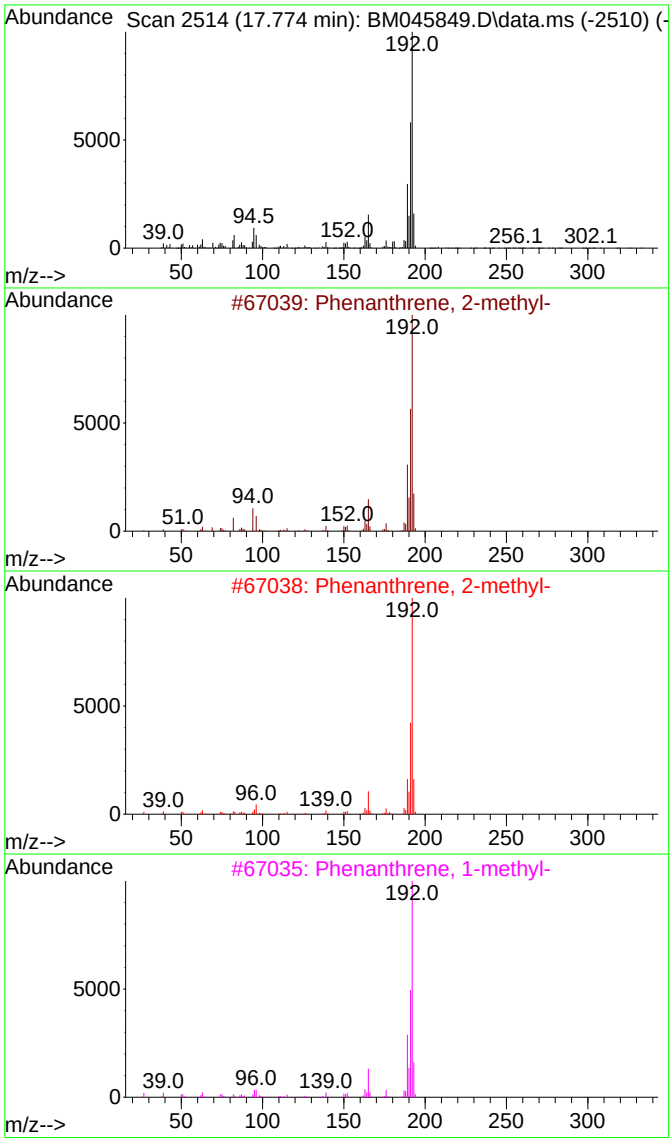
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

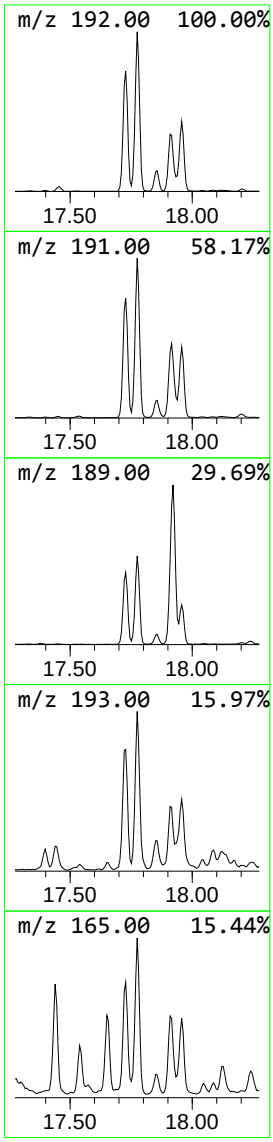
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.774	72.74 ng/ul	8805710	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

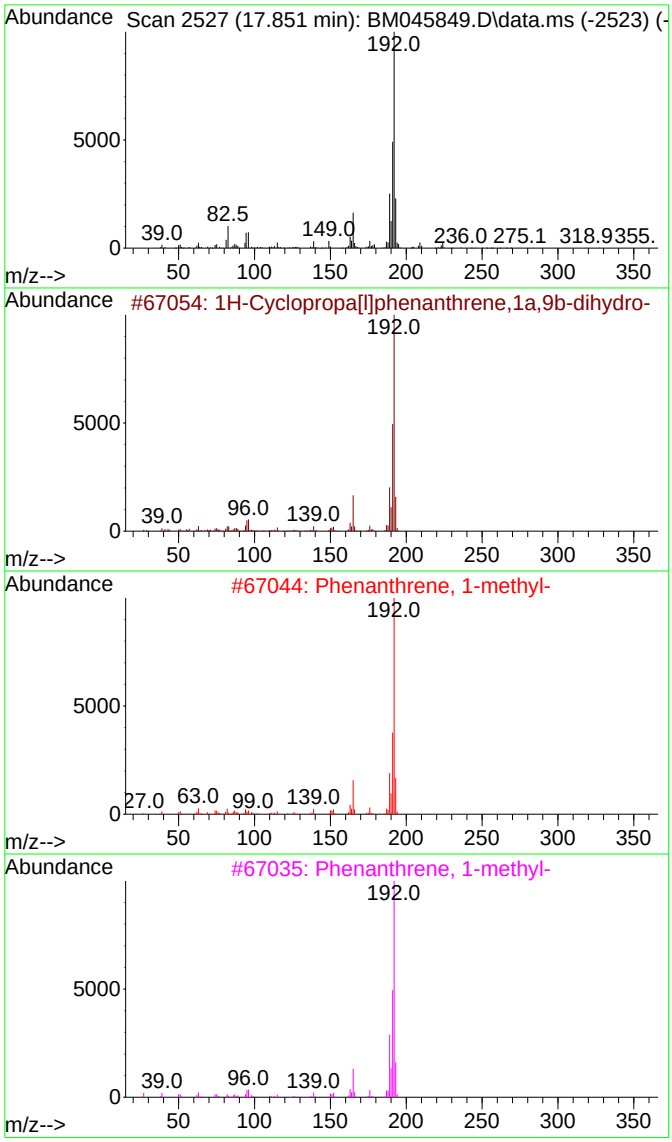
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

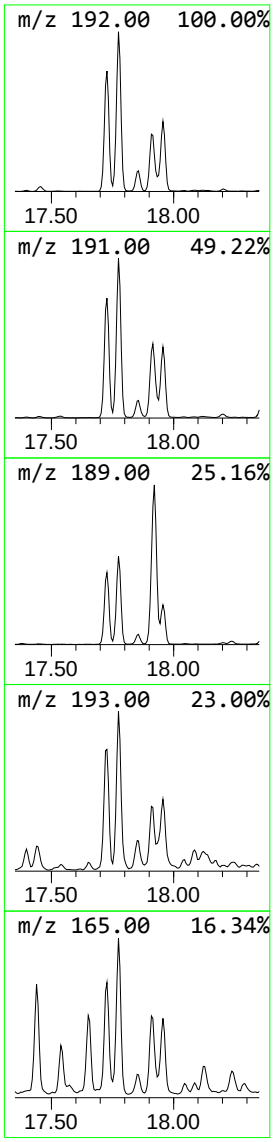
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	8.13 ng/ul	984321	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

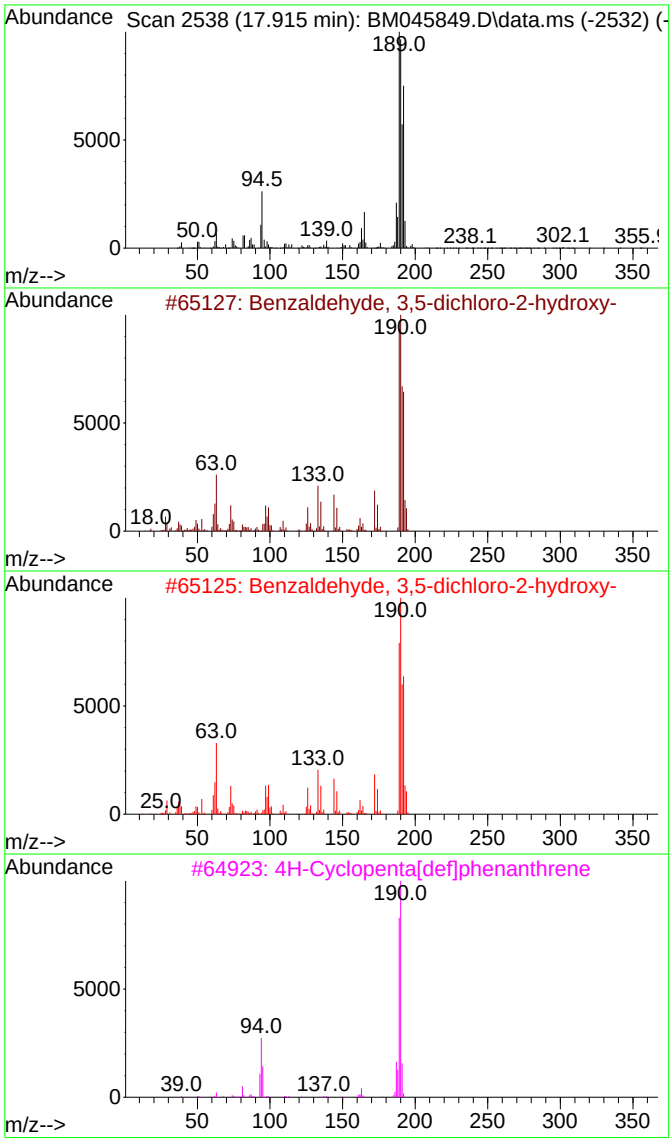
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

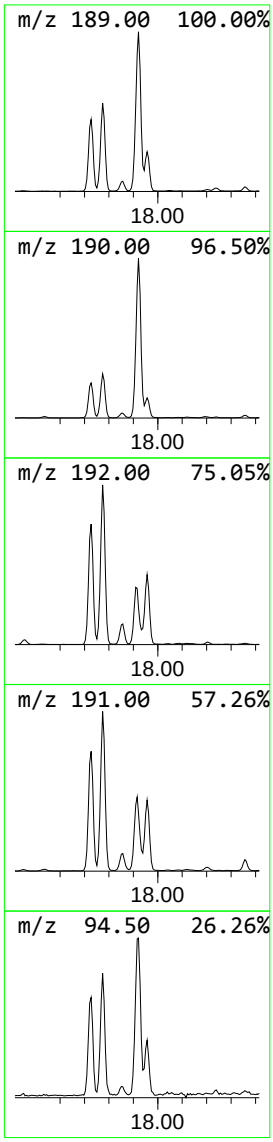
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	64.28 ng/ul	7781880	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

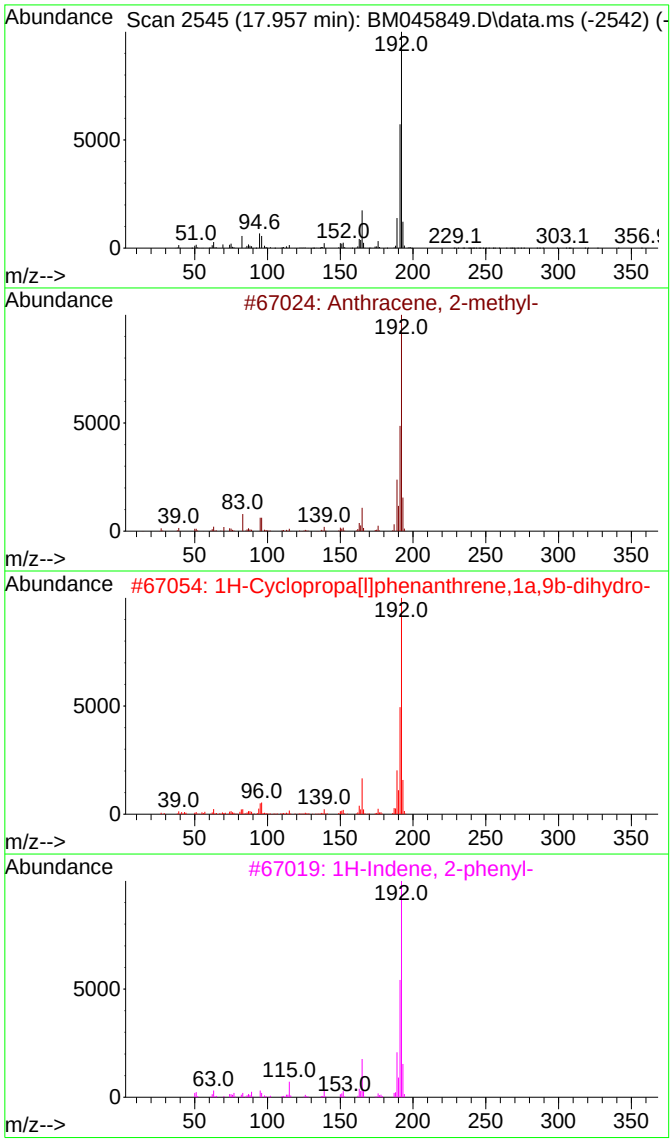
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

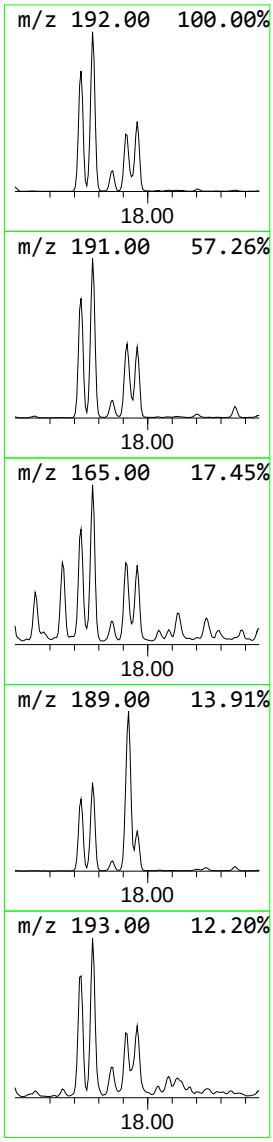
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	29.19 ng/ul	3533710	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

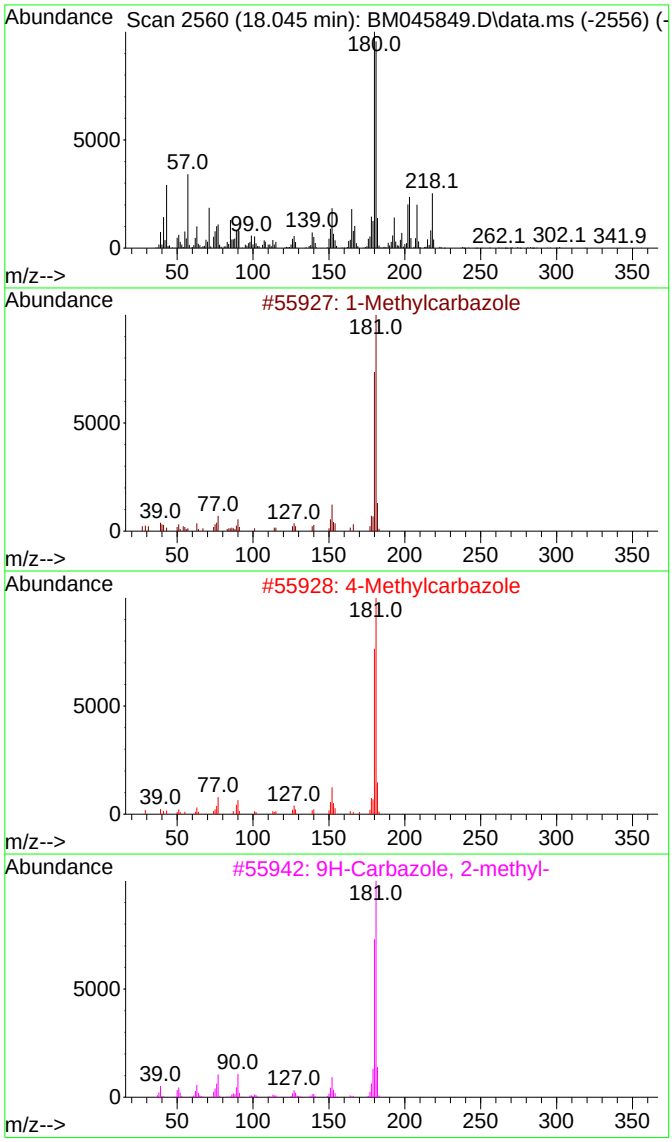
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

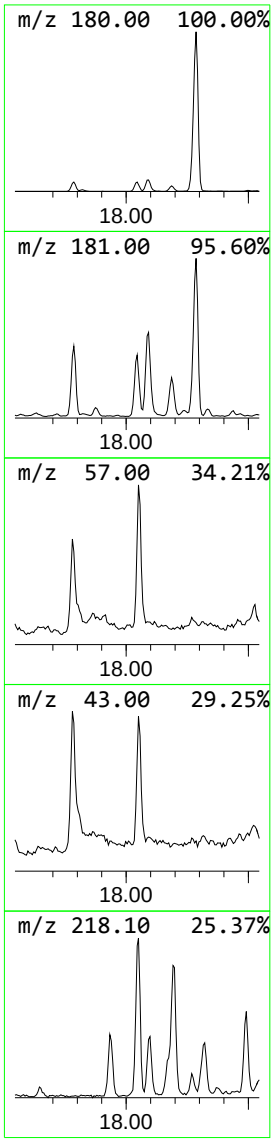
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Methylcarbazole Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	11.77 ng/ul	1424470	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	90
2	4-Methylcarbazole	181	C13H11N	003770-48-7	90
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	78
4	3-Methylcarbazole	181	C13H11N	004630-20-0	78
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

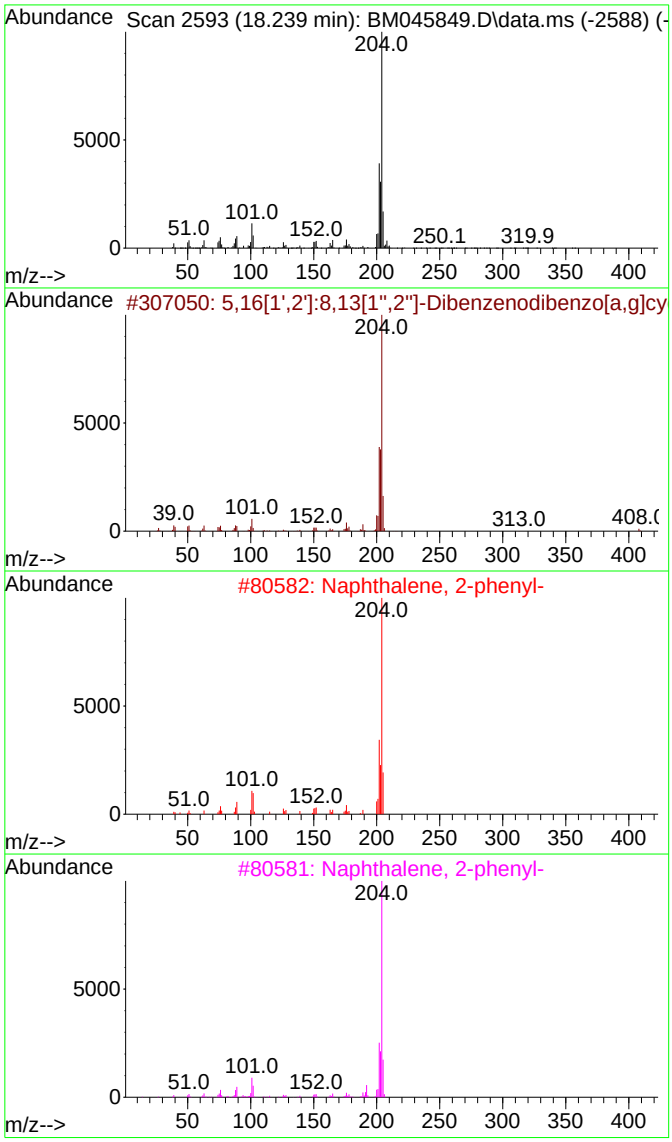
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

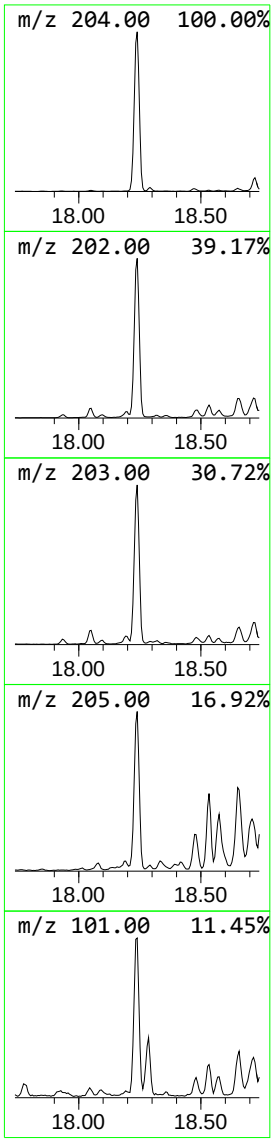
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	39.73 ng/ul	4809640	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

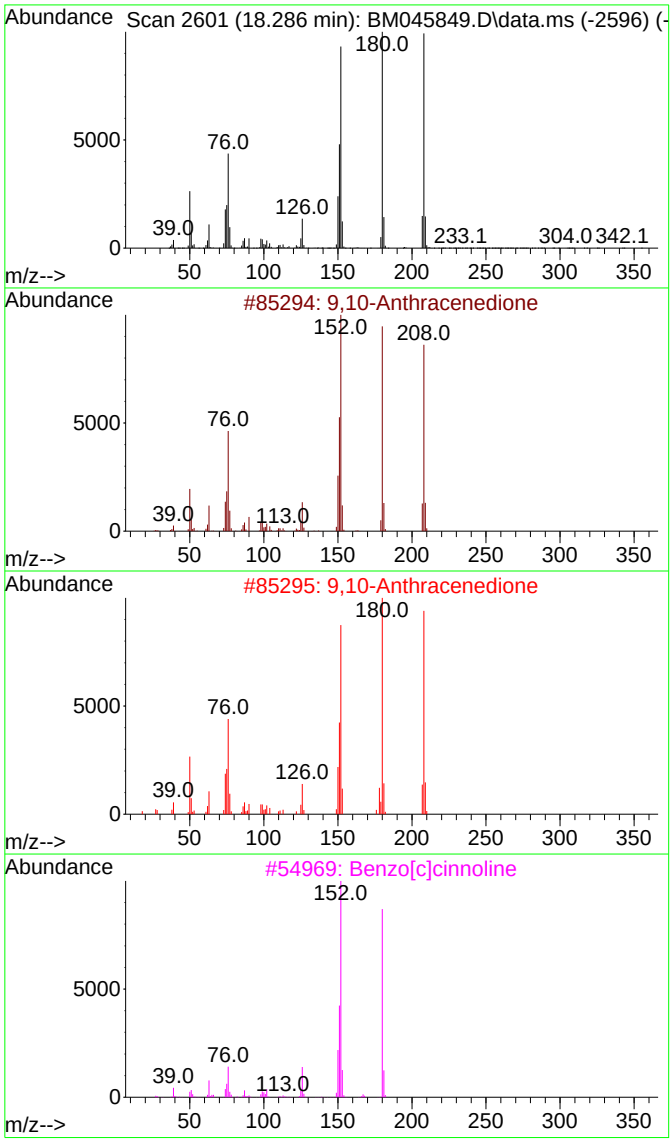
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

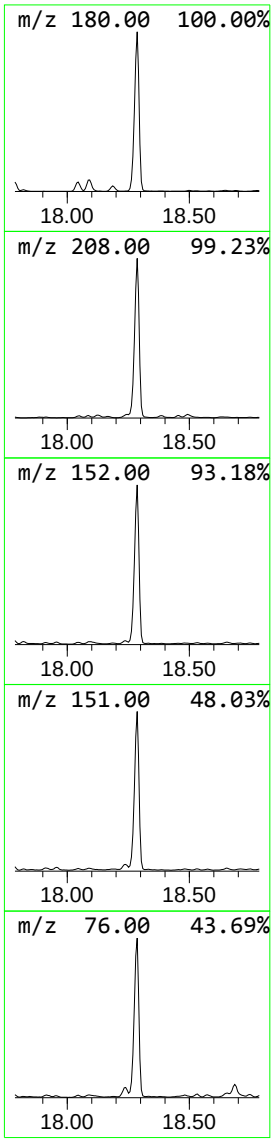
****

Peak Number 22 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	138.67 ng/ul	16787400	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

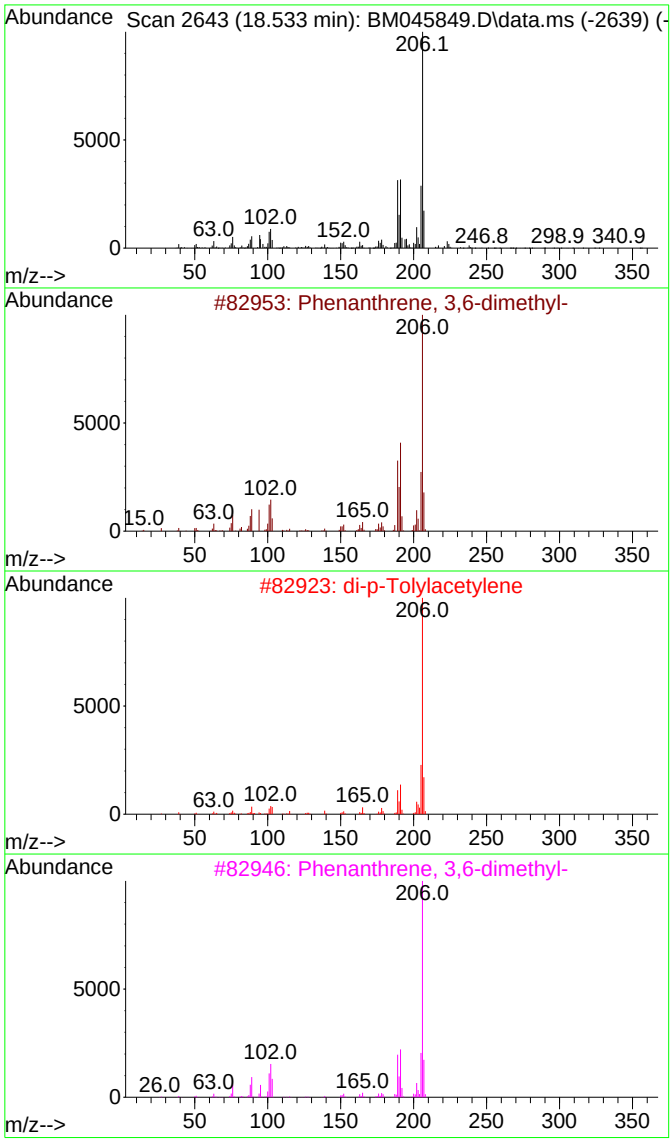
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

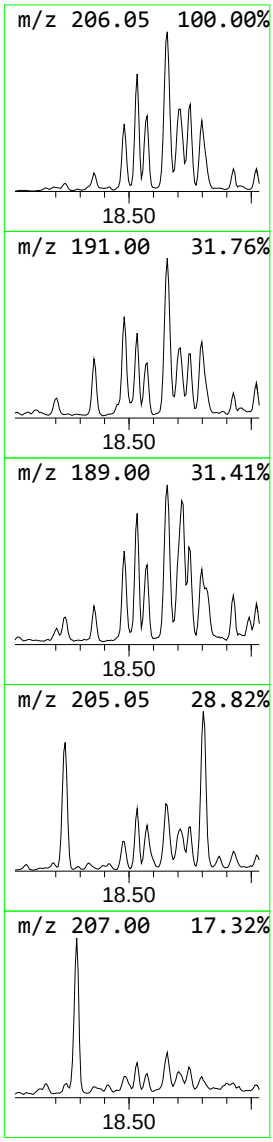
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	10.93 ng/ul	1322890	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

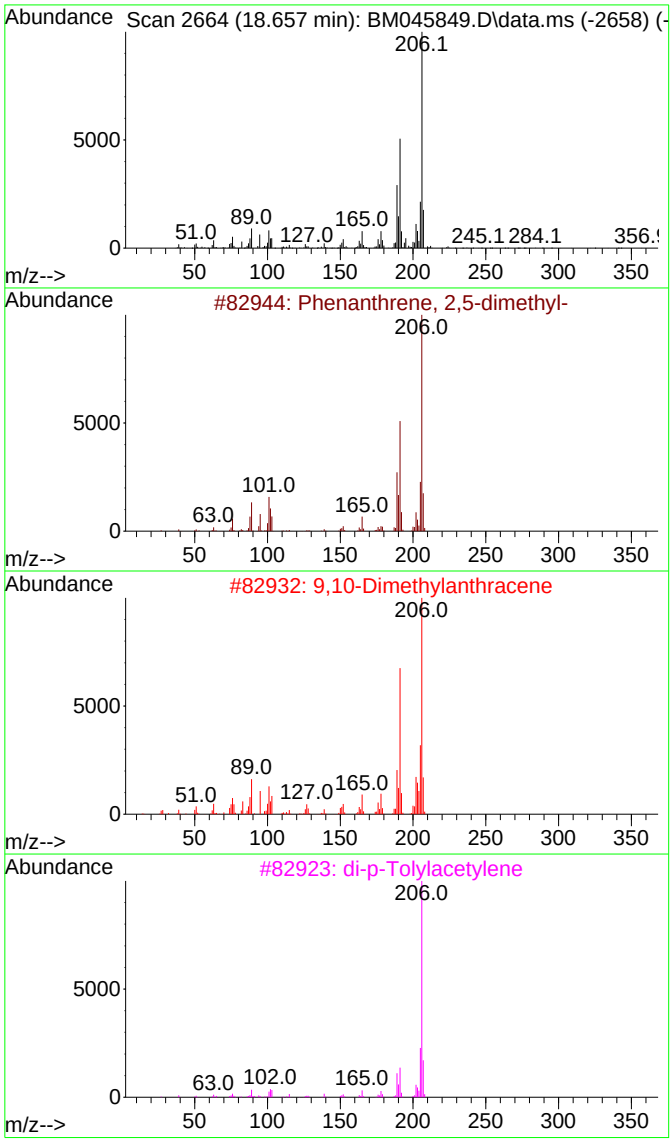
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

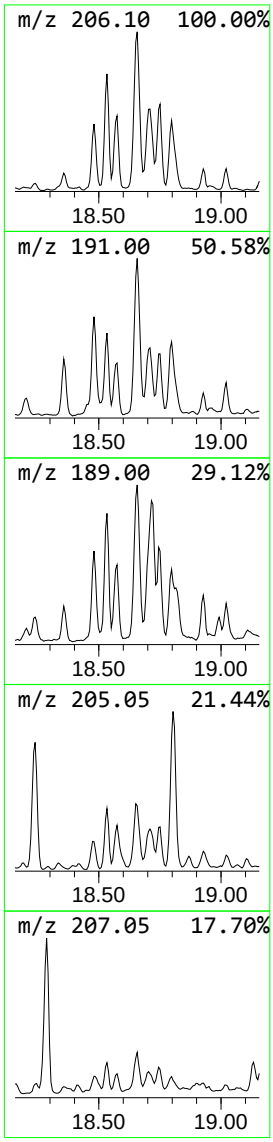
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	22.18 ng/ul	2685690	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

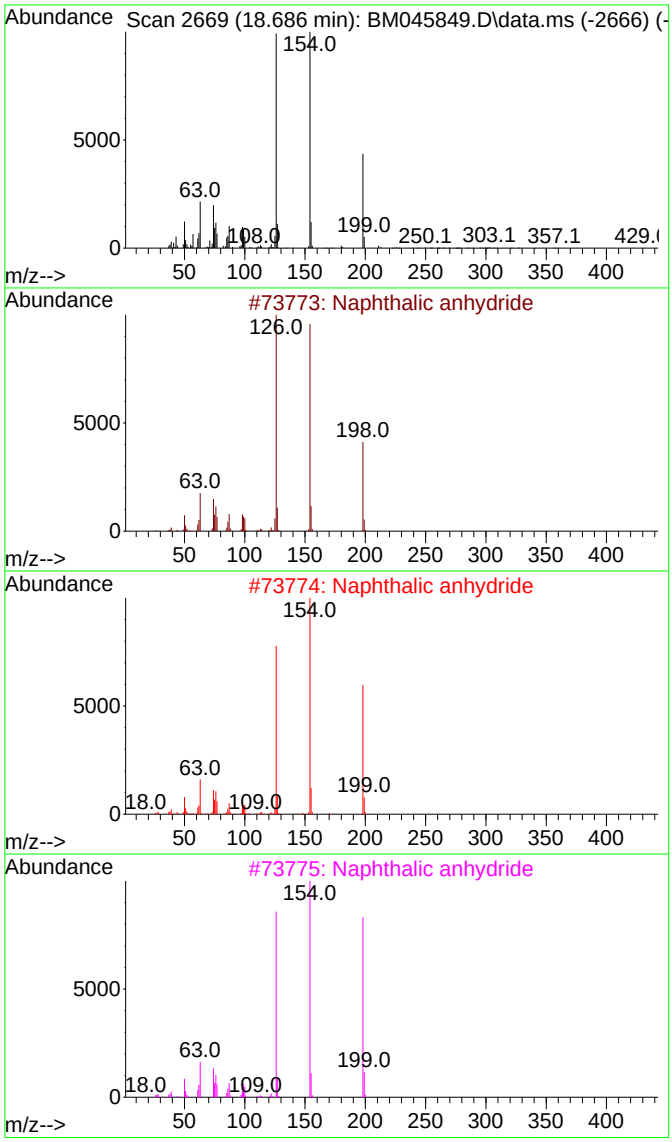
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

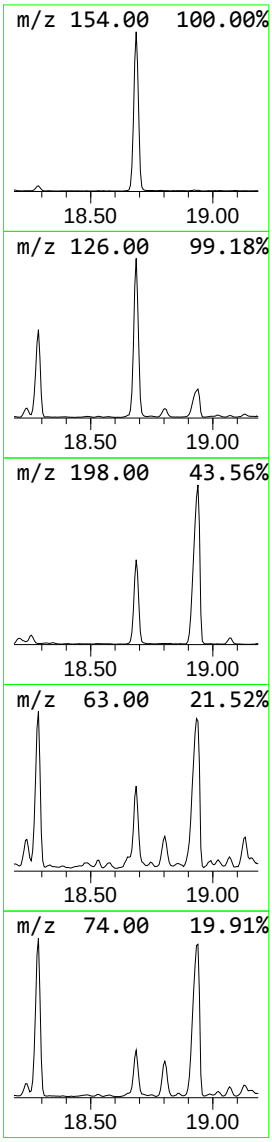
****

Peak Number 27 Naphthalic anhydride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	34.45 ng/ul	4171040	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

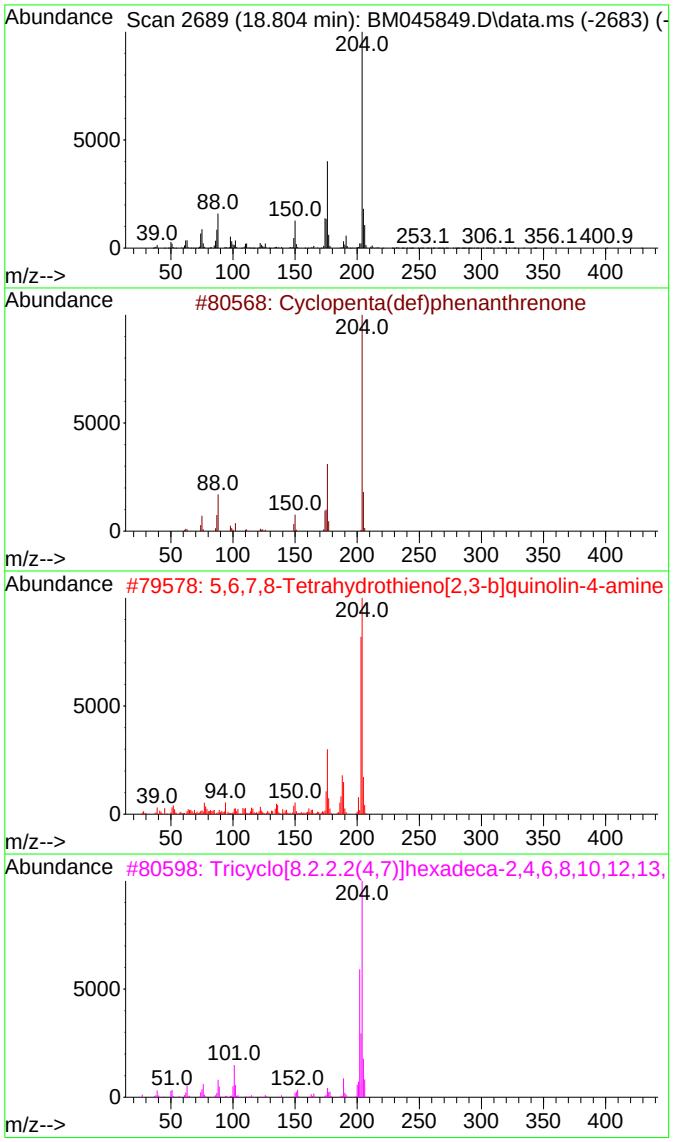
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

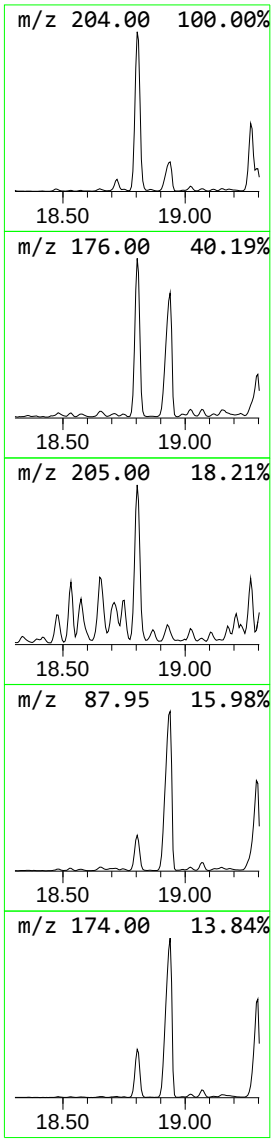
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	52.29 ng/ul	6330280	Phenanthrene-d10	16.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	43
5	Isopropyl .beta.-D-glucopyranosi...	510	C21H50O6Si4	2137070-18-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

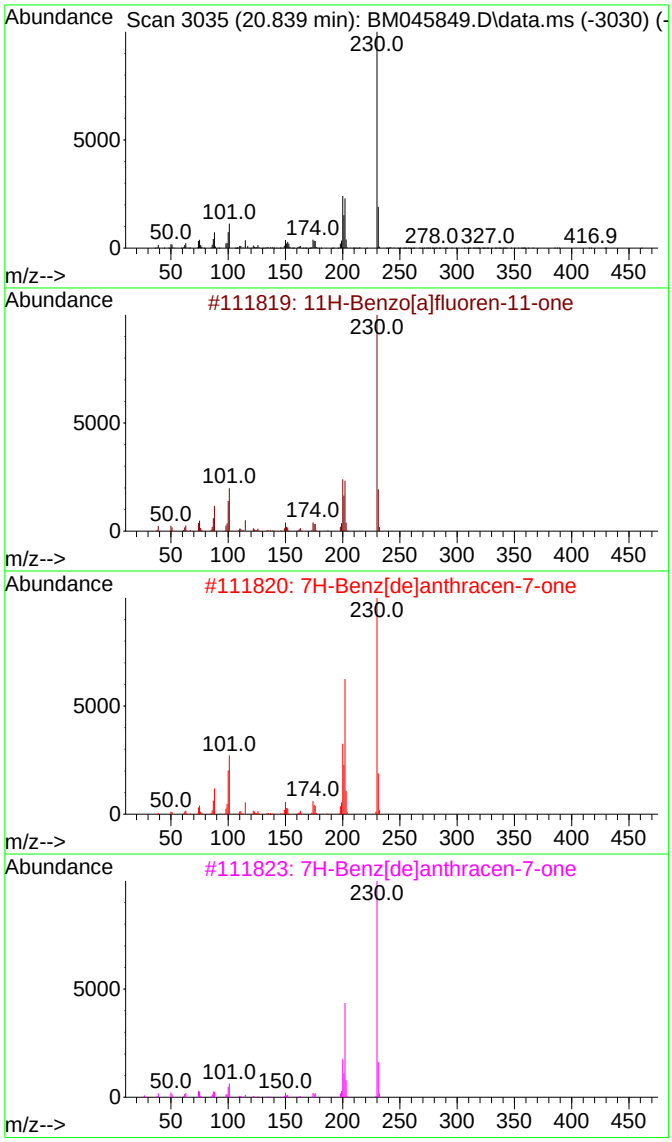
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

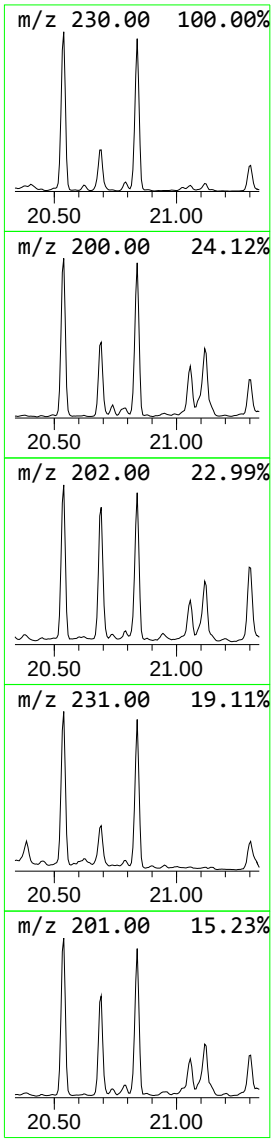
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 11H-Benzo[a]fluoren-11-one Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.839	7.21 ng/ul	7740470	Chrysene-d12	21.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

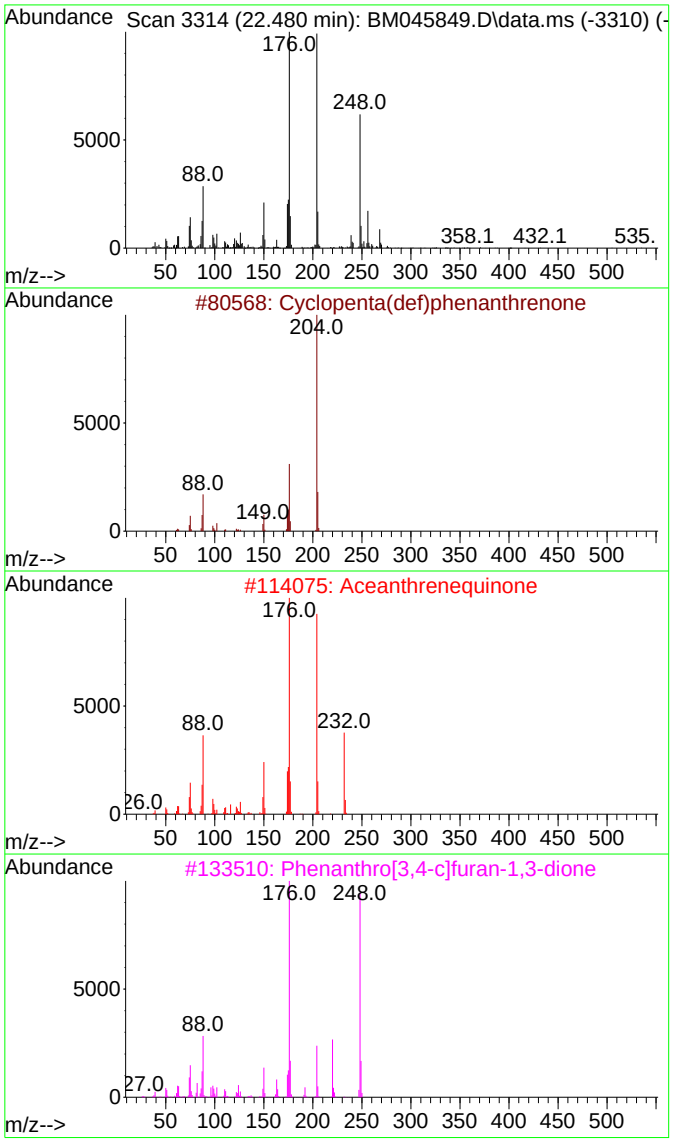
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

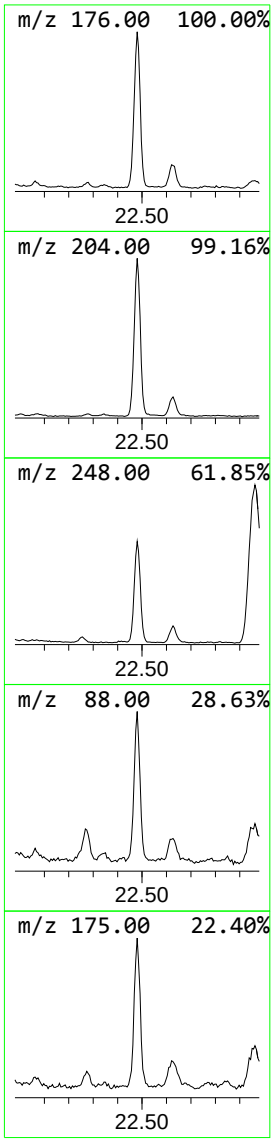
****

Peak Number 45 Aceanthrenequinone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.480	17.52 ng/ul	1971330	Perylene-d12	23.791

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	Aceanthrenequinone	232	C16H8O2	006373-11-1	76
3	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	49
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	43
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

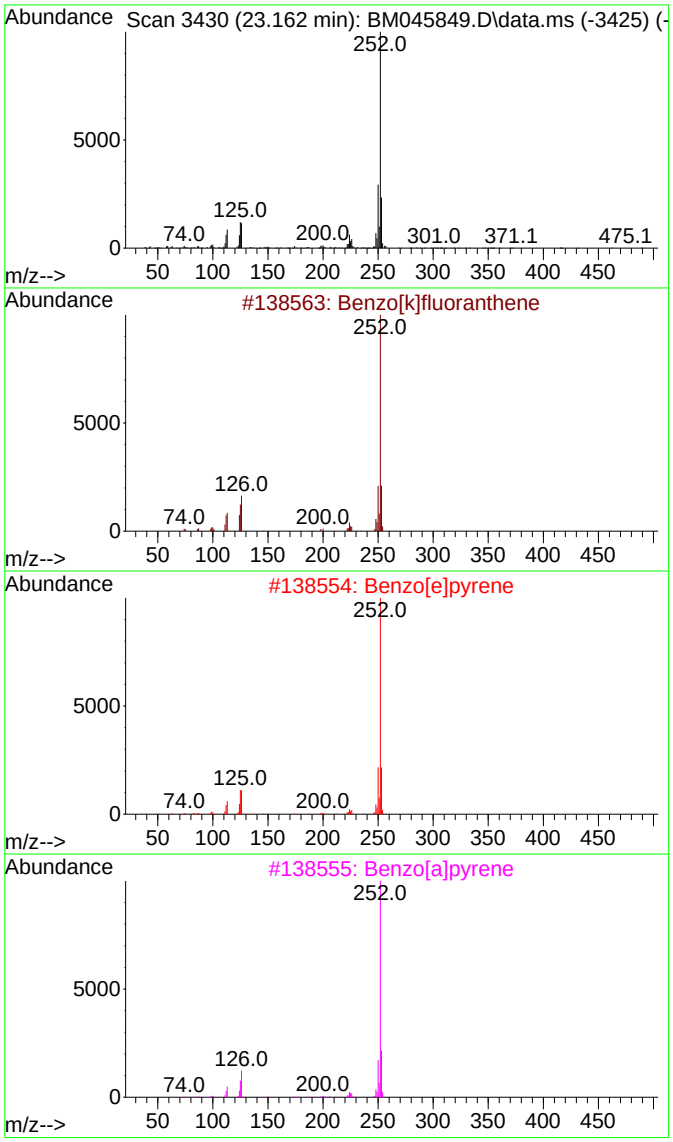
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

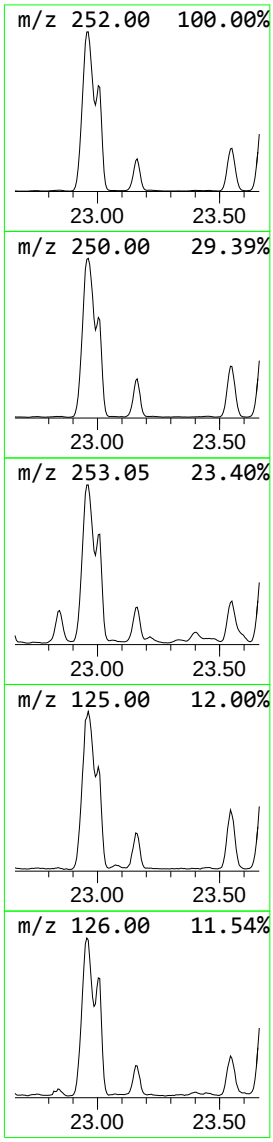
****

Peak Number 46 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.162	25.30 ng/ul	2846360	Perylene-d12	23.791

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

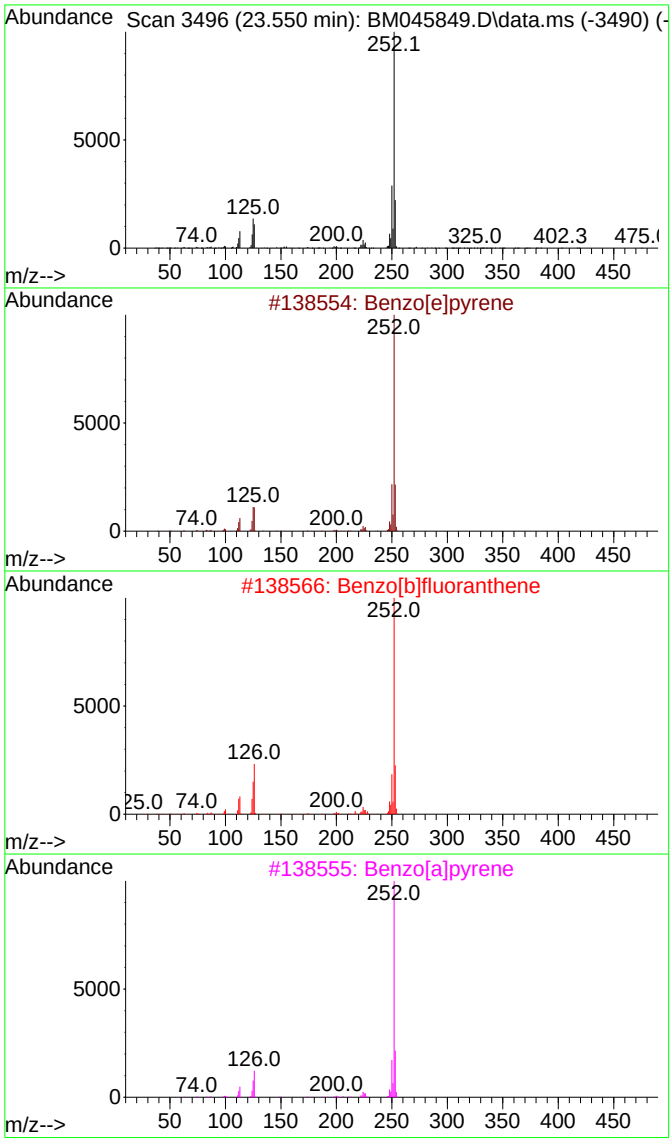
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

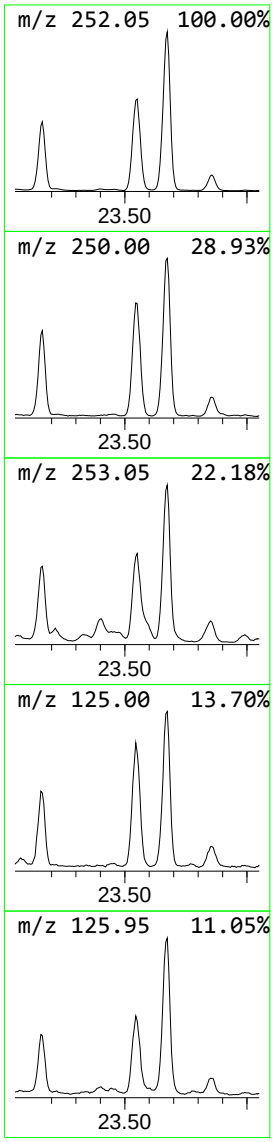
****

Peak Number 47 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.550	28.52 ng/ul	3209080	Perylene-d12	23.791

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

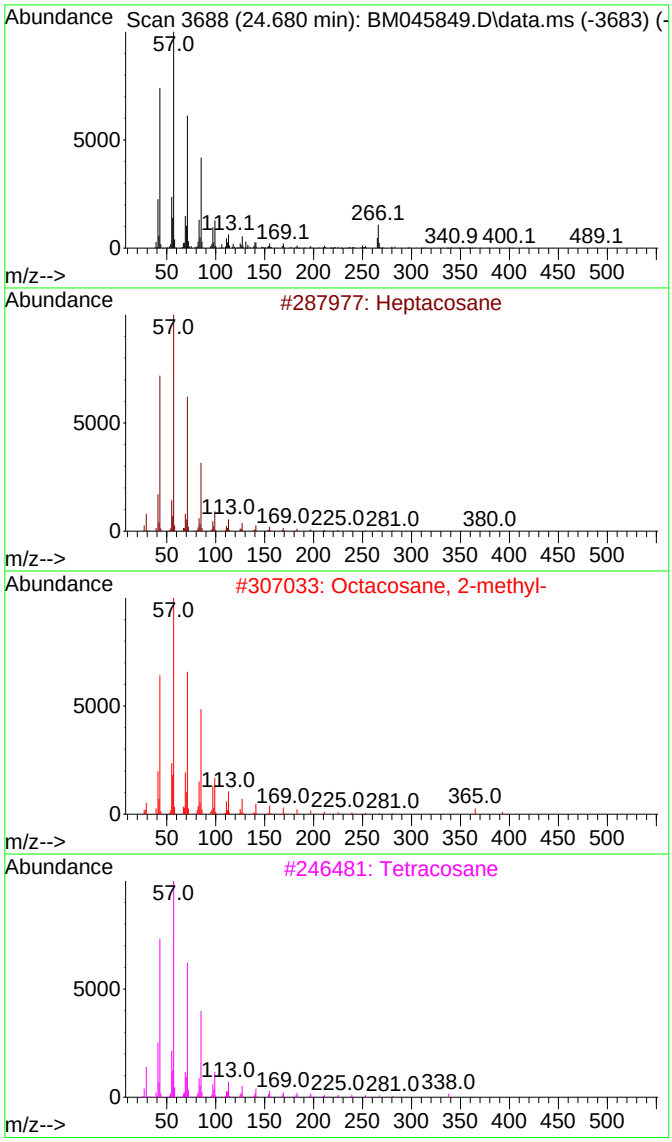
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

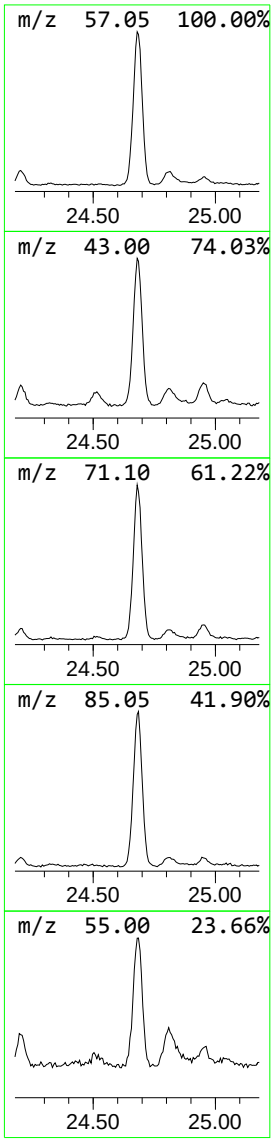
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.680	21.15 ng/ul	2379710	Perylene-d12	23.791

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Nonadecane	268	C19H40	000629-92-5	72
5	Heptadecane	240	C17H36	000629-78-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.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,...	13.422	9.7	ng/ul	1541560	3	14.104	3183160	20.0
unknown-01	14.345	15.2	ng/ul	2414160	3	14.104	3183160	20.0
Dibenzofuran, 4...	15.457	12.7	ng/ul	2018830	3	14.104	3183160	20.0
[1,1'-Biphenyl]...	15.604	23.6	ng/ul	2859990	4	16.857	2421250	20.0
unknown-02	15.839	17.6	ng/ul	2130660	4	16.857	2421250	20.0
9H-Fluorene, 1-...	16.163	14.2	ng/ul	1721570	4	16.857	2421250	20.0
2-[2-Phenylethe...	16.398	9.6	ng/ul	1156980	4	16.857	2421250	20.0
4-(4-Methylphen...	16.439	9.5	ng/ul	1148350	4	16.857	2421250	20.0
9H-Fluoren-9-one	16.515	54.8	ng/ul	6627770	4	16.857	2421250	20.0
3'-Methyl-[1,1'...	16.586	13.1	ng/ul	1587800	4	16.857	2421250	20.0
Dibenzothiophene	16.674	28.4	ng/ul	3444660	4	16.857	2421250	20.0
Benzo[h]quinoline	17.045	8.8	ng/ul	1070200	4	16.857	2421250	20.0
Naphthalene, 1-...	17.380	15.5	ng/ul	1872860	4	16.857	2421250	20.0
Anthrone	17.439	17.9	ng/ul	2163650	4	16.857	2421250	20.0
Phenanthrene, 2...	17.727	51.7	ng/ul	6261110	4	16.857	2421250	20.0
Phenanthrene, 1...	17.774	72.7	ng/ul	8805710	4	16.857	2421250	20.0
1H-Cyclopropa[l...	17.851	8.1	ng/ul	984321	4	16.857	2421250	20.0
Benzaldehyde, 3...	17.915	64.3	ng/ul	7781880	4	16.857	2421250	20.0
Anthracene, 2-m...	17.957	29.2	ng/ul	3533710	4	16.857	2421250	20.0
1-Methylcarbazole	18.045	11.8	ng/ul	1424470	4	16.857	2421250	20.0
5,16[1',2']:8,1...	18.239	39.7	ng/ul	4809640	4	16.857	2421250	20.0
9,10-Anthracene...	18.286	138.7	ng/ul	16787400	4	16.857	2421250	20.0
Phenanthrene, 3...	18.533	10.9	ng/ul	1322890	4	16.857	2421250	20.0
Phenanthrene, 2...	18.657	22.2	ng/ul	2685690	4	16.857	2421250	20.0
Naphthalic anhy...	18.686	34.5	ng/ul	4171040	4	16.857	2421250	20.0
Cyclopenta(def)...	18.804	52.3	ng/ul	6330280	4	16.857	2421250	20.0
11H-Benzo[a]flu...	20.839	7.2	ng/ul	7740470	5	21.074	21484800	20.0
Aceanthrenequinone	22.480	17.5	ng/ul	1971330	6	23.791	2250370	20.0
Benzo[e]pyrene	23.162	25.3	ng/ul	2846360	6	23.791	2250370	20.0
unknown-03	23.550	28.5	ng/ul	3209080	6	23.791	2250370	20.0
(DEL) Alkane: S...	24.680	21.1	ng/ul	2379710	6	23.791	2250370	20.0