LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BHC50

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: BM046021.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.687	622	629	643	rBV	339572	708438	4.30%	0.409%
2	6.799	643	648	661	rVB	249158	440200	2.67%	0.254%
3	6.993	674	681	691	rBV	375958	650498	3.95%	0.375%
4	7.434	748	756	768	rBV	467856	769039	4.67%	0.444%
5	8.204	880	887	896	rBV	372670	709766	4.31%	0.410%
6	8.598	948	954	963	rBV	380713	667042	4.05%	0.385%
7	9.310	1064	1075	1086	rBV	320127	581433	3.53%	0.335%
8	9.869	1162	1170	1183	rBV	365698	789005	4.79%	0.455%
9	10.198	1219	1226	1232	rBV	625069	1075709	6.54%	0.621%
10	10.398	1253	1260	1275	rBV	146728	366482	2.23%	0.211%
11	13.527	1786	1792	1799	rVV	866186	1240941	7.54%	0.716%
12	13.769	1826	1833	1835	rBV	933086	1423349	8.65%	0.821%
13	13.798	1835	1838	1853	rVV	696096	1121501	6.81%	0.647%
14	14.075	1879	1885	1892	rBV	958325	1392115	8.46%	0.803%
15	14.139	1892	1896	1901	rBV	141148	203837	1.24%	0.118%
16	14.316	1917	1926	1927	rBV	651338	766991	4.66%	0.443%
17	14.339	1927	1930	1934	rVV	851857	1237978	7.52%	0.714%
18	14.380	1934	1937	1948	rVV	295429	549609	3.34%	0.317%
19	14.486	1950	1955	1962	rVB2	128681	240249	1.46%	0.139%
20	15.074	2049	2055	2060	rBV	1297529	1713117	10.41%	0.988%
21	15.133	2060	2065	2075	rVB	270482	467979	2.84%	0.270%
22	15.221	2075	2080	2085	rBV	423978	591108	3.59%	0.341%
23	15.580	2137	2141	2149	rVV2	105163	219329	1.33%	0.127%
24	15.810	2175	2180	2193	rBV5	224878	461737	2.81%	0.266%
25	16.133	2229	2235	2240	rBV3	132315	277517	1.69%	0.160%
26	16.486	2290	2295	2303	rVV	319962	492625	2.99%	0.284%
27	16.557	2303	2307	2312	rVV	110291	208129	1.26%	0.120%
28	16.639	2317	2321	2331	rVB	273579	465302	2.83%	0.268%
29	16.821	2347	2352	2355	rVV	1206443	1680697	10.21%	0.970%
30	16.863	2355	2359	2364	rVV	5510249	7607100	46.22%	4.389%
31	16.921	2364	2369	2372	rVV	1430696	1998347	12.14%	1.153%
32	16.957	2372	2375	2381	rVV	1080368	1387156	8.43%	0.800%
33	17.027	2381	2387	2391	rVV2	183336	307861	1.87%	0.178%
34	17.245	2415	2424	2431	rBV2	462301	890621	5.41%	0.514%
35	17.351	2437	2442	2447	rBV4	170364	304672	1.85%	0.176%
36	17.404	2447	2451	2460	rVB3	210034	404005	2.45%	0.233%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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	17.627	2484	2489	2494	rBV4	113337	211134	1.28%	0.122%
38	17.698	2495	2501	2505	rBV	1054134	1492683	9.07%	0.861%
39	17.745	2505	2509	2518	rVV2	1865066	3240828	19.69%	1.870%
40	17.821	2518	2522	2527	rVV2	356976	600981	3.65%	0.347%
41	17.886	2527	2533	2537	rVV2	1570171	2543390	15.45%	1.467%
42	17.927	2537	2540	2548	rVB	757749	1055258	6.41%	0.609%
43	18.021	2551	2556	2559	rBV3	195166	326989	1.99%	0.189%
44	18.057	2559	2562	2565	rVV3	151732	220407	1.34%	0.127%
45	18.204	2582	2587	2590	rVV	665761	917835	5.58%	0.530%
46	18.245	2590	2594	2601	rVB	1011345	1394111	8.47%	0.804%
47	18.451	2625	2629	2634	rVV	282388	439532	2.67%	0.254%
48	18.504	2634	2638	2641	rVV	409365	506518	3.08%	0.292%
49	18.539	2641	2644	2649	rVB	282004	365715	2.22%	0.211%
50	18.621	2653	2658	2662	rVV	813933	1305513	7.93%	0.753%
51	18.680	2663	2668	2672	rVV4	420825	1013813	6.16%	0.585%
52	18.715	2672	2674	2678	rVB	294509	318041	1.93%	0.184%
53	18.768	2678	2683	2690	rBV2	750652	1327927	8.07%	0.766%
54	18.892	2697	2704	2709	rBV	13102830	16457509	100.00%	9.496%
55	18.957	2711	2715	2718	rBV2	192720	264553	1.61%	0.153%
56	18.992	2718	2721	2725	rVB	295918	351836	2.14%	0.203%
57	19.039	2725	2729	2734	rBV	903317	1177539	7.16%	0.679%
58	19.098	2735	2739	2742	rVV2	239309	341105	2.07%	0.197%
59	19.127	2742	2744	2748	rVB	225769	279980	1.70%	0.162%
60	19.221	2755	2760	2762	rBV	2857801	3838512	23.32%	2.215%
61	19.257	2762	2766	2774	rVV	9662529	12716350	77.27%	7.337%
62	19.327	2774	2778	2785	rVB2	545135	934956	5.68%	0.539%
63	19.433	2792	2796	2802	rVB	473238	689435	4.19%	0.398%
64	19.498	2803	2807	2813	rVB2	481101	784724	4.77%	0.453%
65	19.580	2814	2821	2829	rBV3	851654	2466672	14.99%	1.423%
66	19.721	2840	2845	2847	rBV3	761112	1279124	7.77%	0.738%
67	19.756	2847	2851	2855	rVV	1549724	2105569	12.79%	1.215%
68	19.856	2864	2868	2872	rBV	1004485	1148410	6.98%	0.663%
69	19.909	2872	2877	2882	rBV2	1183409	1696755	10.31%	0.979%
70	19.998	2889	2892	2897	rBV3	167759	307615	1.87%	0.177%
71	20.051	2897	2901	2904	rVV	665310	792934	4.82%	0.458%
72	20.098	2905	2909	2913	rVV	642703	921035	5.60%	0.531%
73	20.180	2920	2923	2926	rBV2	304561	320640	1.95%	0.185%
74	20.468	2969	2972	2974	rBV2	168620	220384	1.34%	0.127%
75	20.503	2975	2978	2985	rVB	1286684	1711501	10.40%	0.987%
76	20.668	3000	3006	3010	rBV2	1168676	1890798	11.49%	1.091%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BHC50

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	20.709	3010	3013	3016	rVV	1068147	1249721	7.59%	0.721%
78	20.745	3016	3019	3025	rVV3	1389814	2432246	14.78%	1.403%
79	20.803	3026	3029	3034	rVB	1240882	1641630	9.97%	0.947%
80	20.968	3053	3057	3060	rBV	758050	894481	5.44%	0.516%
81	21.027	3061	3067	3072	rVV2	6138110	11779015	71.57%	6.796%
82	21.080	3072	3076	3087	rVB	6002262	8541169	51.90%	4.928%
83	21.209	3094	3098	3104	rBV2	478682	1000470	6.08%	0.577%
84	21.268	3105	3108	3118	rVV3	458245	958856	5.83%	0.553%
85	21.598	3161	3164	3168	rBV3	290119	421420	2.56%	0.243%
86	21.668	3169	3176	3180	rVB2	1071437	1804184	10.96%	1.041%
87	21.727	3182	3186	3190	rBV2	809626	1460643	8.88%	0.843%
88	21.898	3211	3215	3218	rBV	632772	888211	5.40%	0.512%
89	21.939	3219	3222	3228	rVB4	542656	808983	4.92%	0.467%
90	22.592	3329	3333	3347	rVB2	961584	1927179	11.71%	1.112%
91	22.909	3379	3387	3392	rBV	4126573	11278283	68.53%	6.507%
92	23.021	3401	3406	3415	rVV4	487915	1236875	7.52%	0.714%
93	23.109	3416	3421	3429	rVB	743426	1459361	8.87%	0.842%
94	23.286	3447	3451	3454	rBV4	206825	417640	2.54%	0.241%
95	23.497	3481	3487	3493	rBV	1107375	2450305	14.89%	1.414%
96	23.556	3494	3497	3502	rVV2	683808	1383037	8.40%	0.798%
97	23.621	3502	3508	3518	rVB	2439788	5348482	32.50%	3.086%
98	23.744	3523	3529	3535	rVB	749428	1588246	9.65%	0.916%
99	24.609	3669	3676	3685	rVB2	867387	2187782	13.29%	1.262%
100	26.738	4028	4038	4055	rVB2	1386070	5768735	35.05%	3.328%

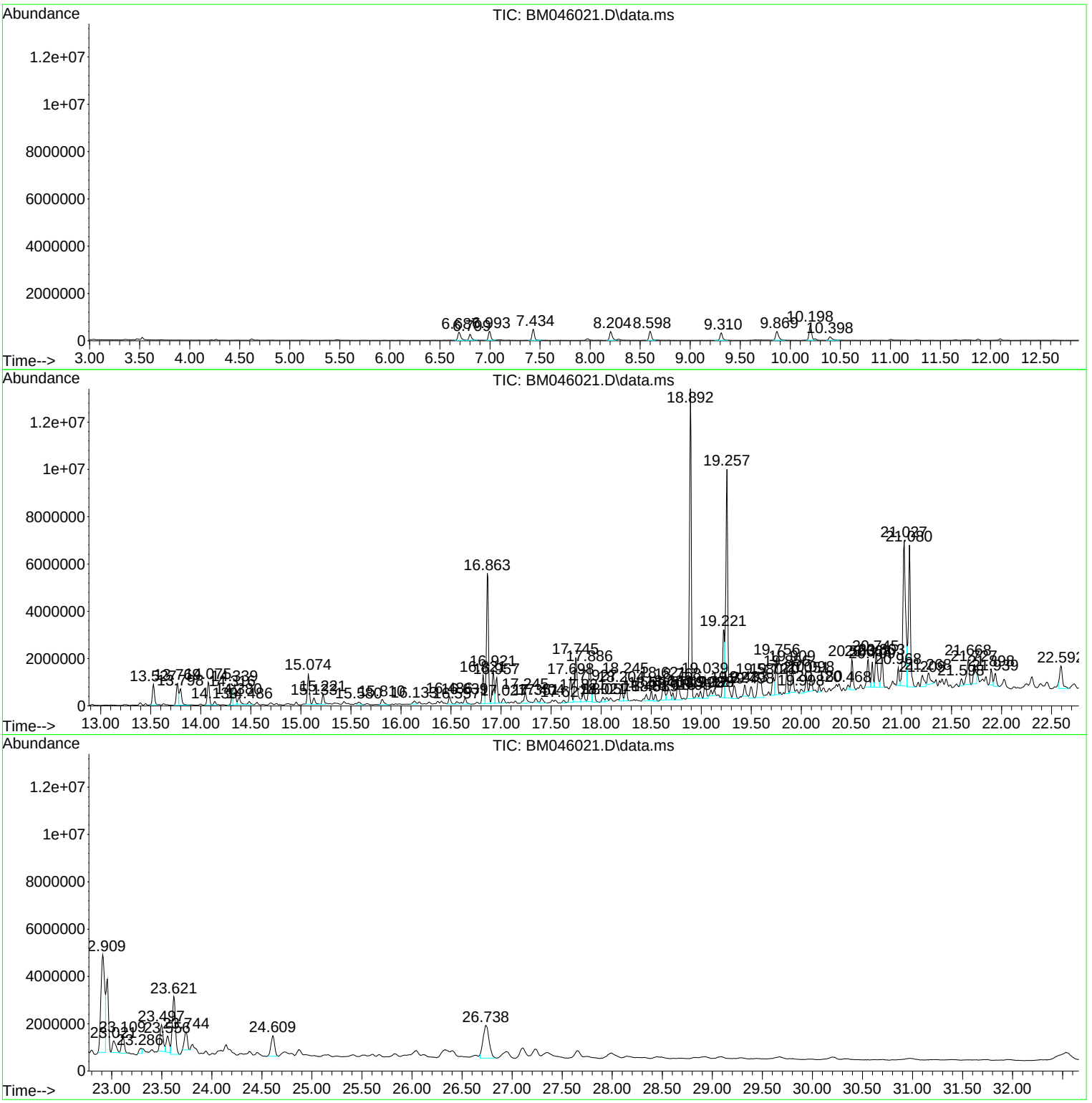
Sum of corrected areas: 173317049

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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

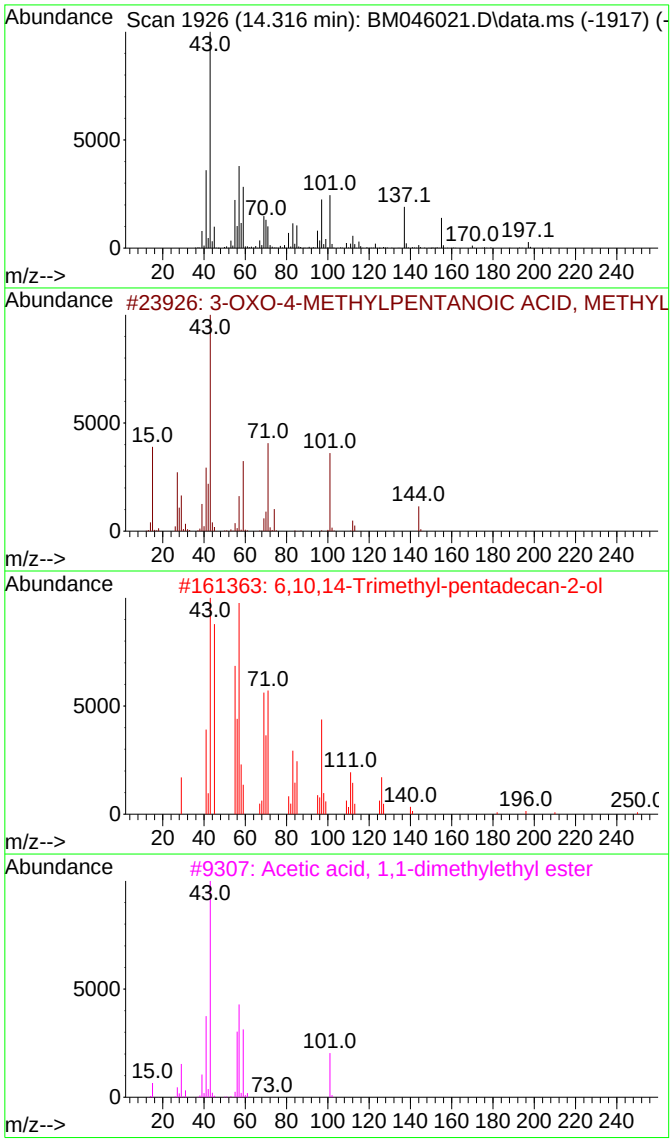
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

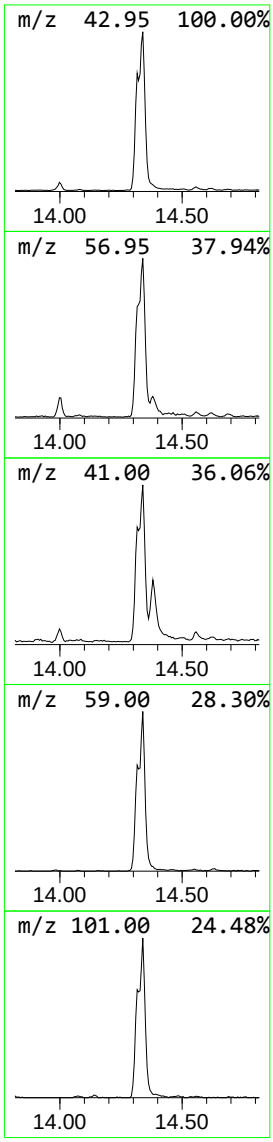
****

Peak Number 1 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	11.02 ng/ul	766991	Acenaphthene-d10	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	16
2	6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	069729-17-5	12
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	12
4	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	12
5	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

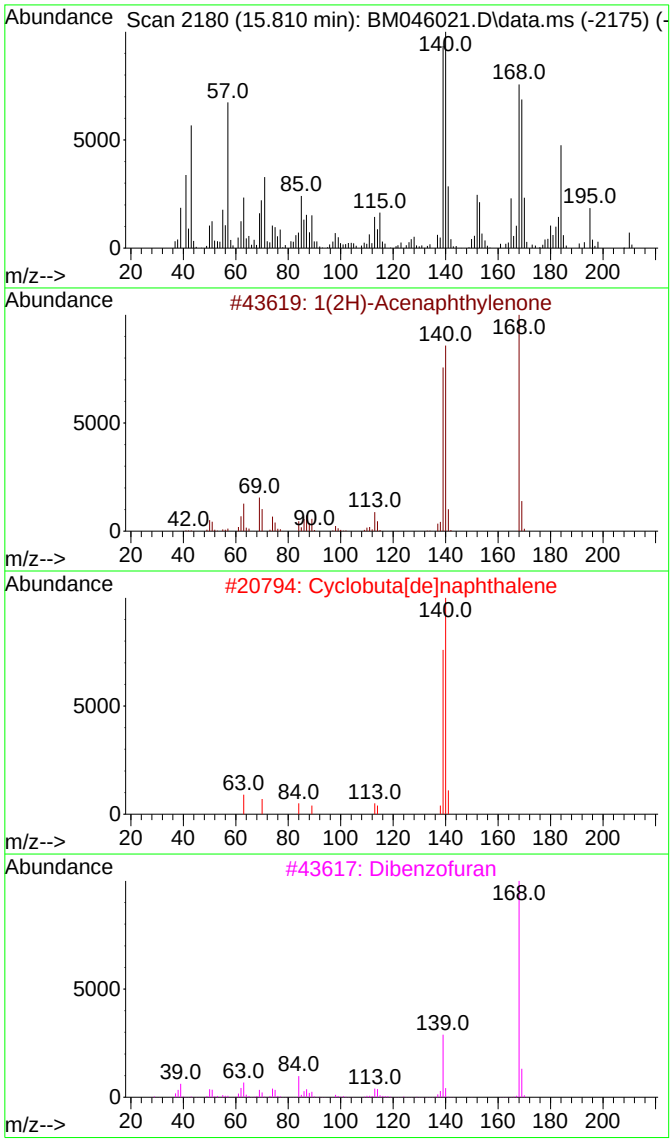
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

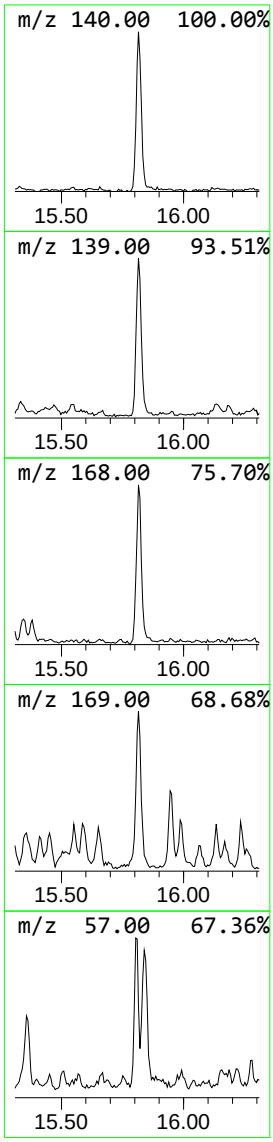
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	5.49 ng/ul	461737	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	70
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30
3	Dibenzofuran	168	C12H8O	000132-64-9	30
4	Benzoic acid, 4-chloro-, methyl ...	170	C8H7ClO2	001126-46-1	25
5	2,5-Thiophenedicarboxaldehyde	140	C6H4O2S	000932-95-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

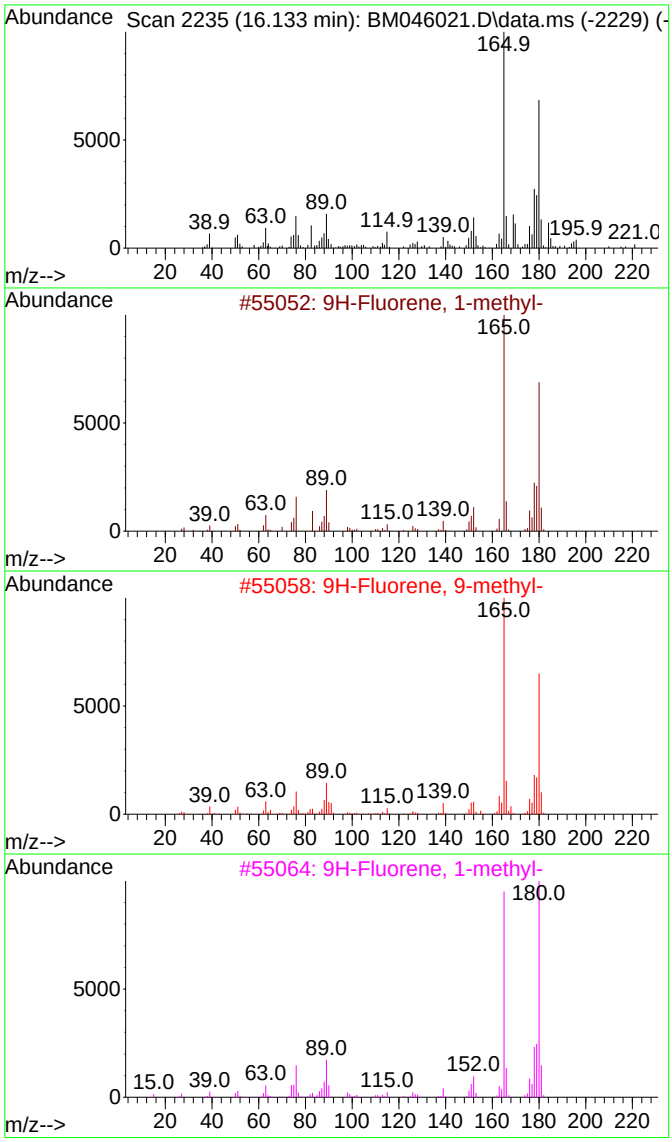
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

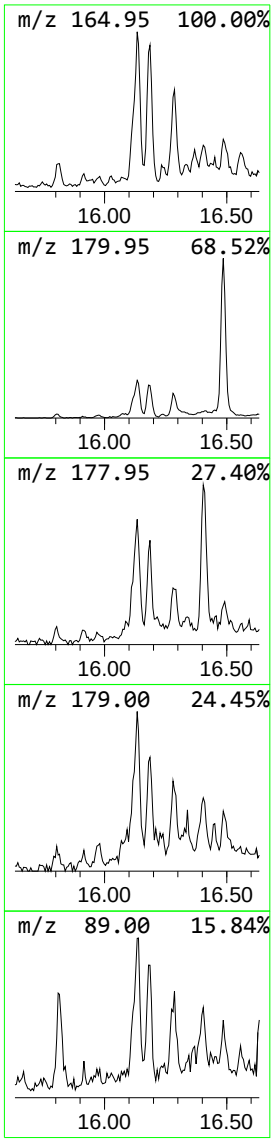
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	3.30 ng/ul	277517	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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

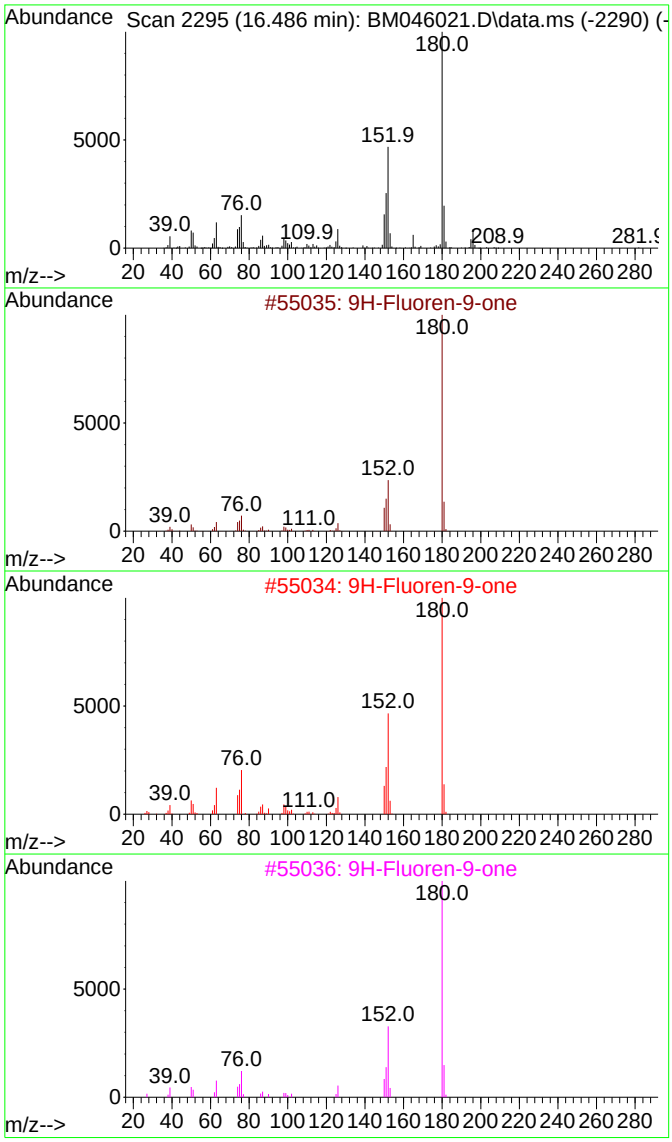
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

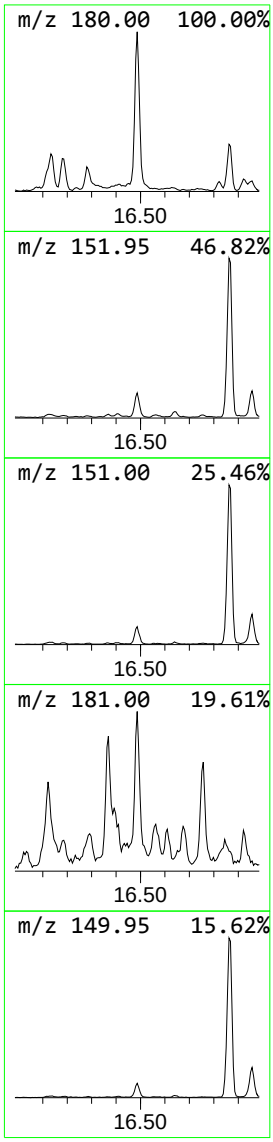
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	5.86 ng/ul	492625	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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

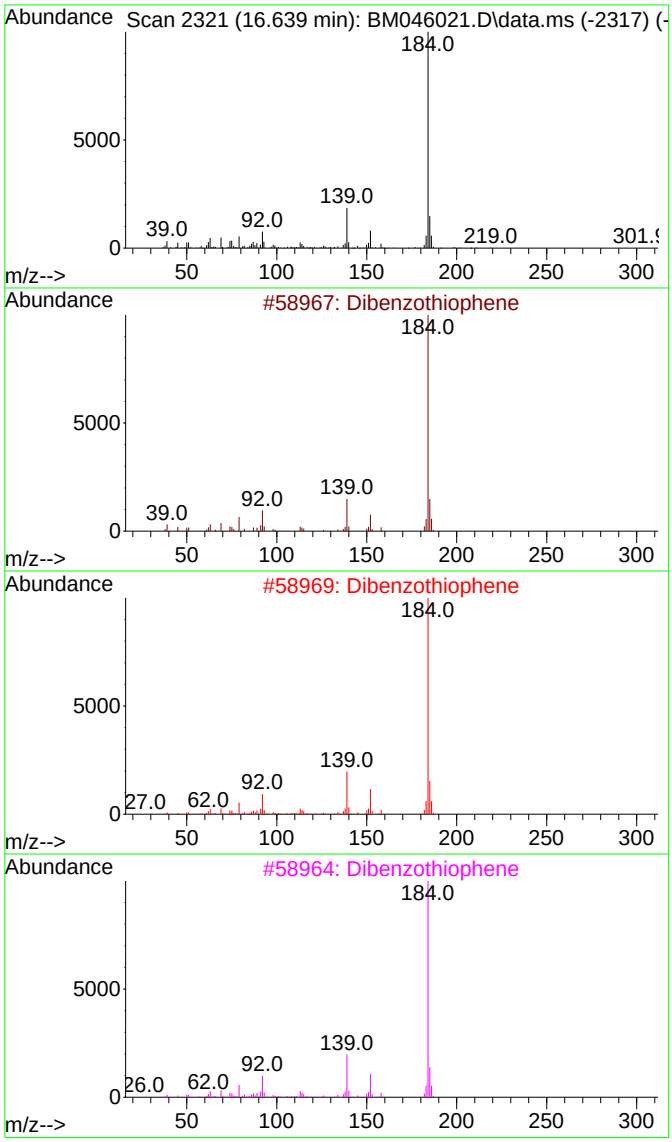
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

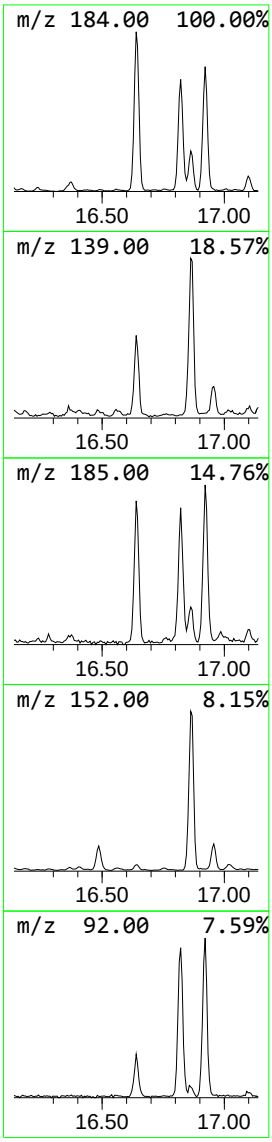
****

Peak Number 7 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	5.54 ng/ul	465302	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





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Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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

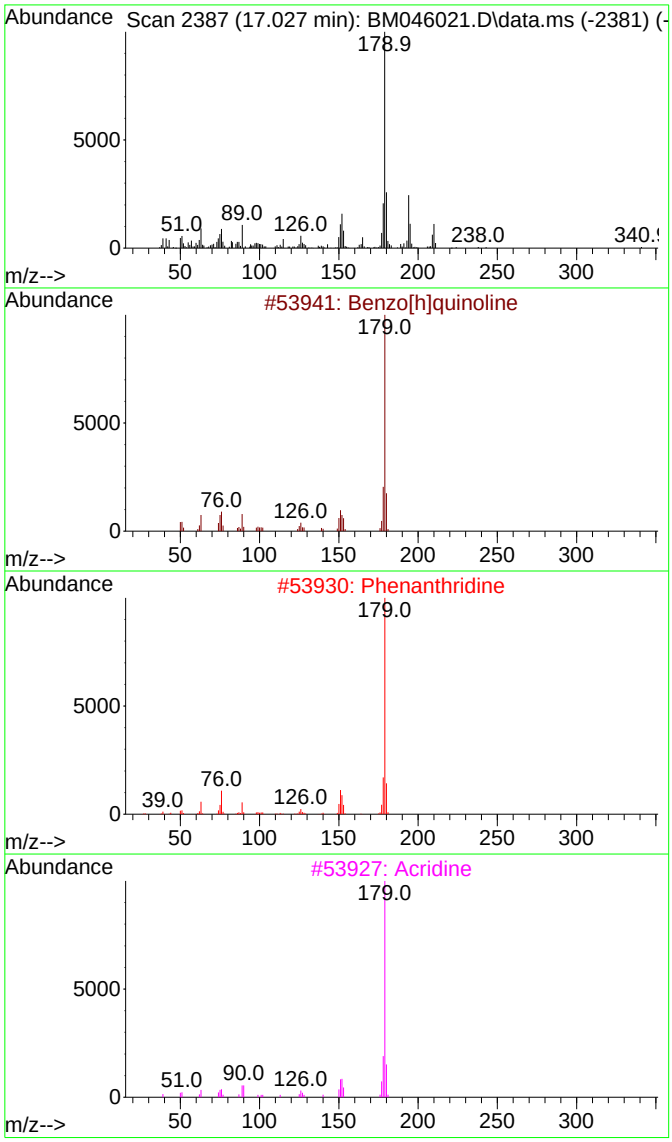
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

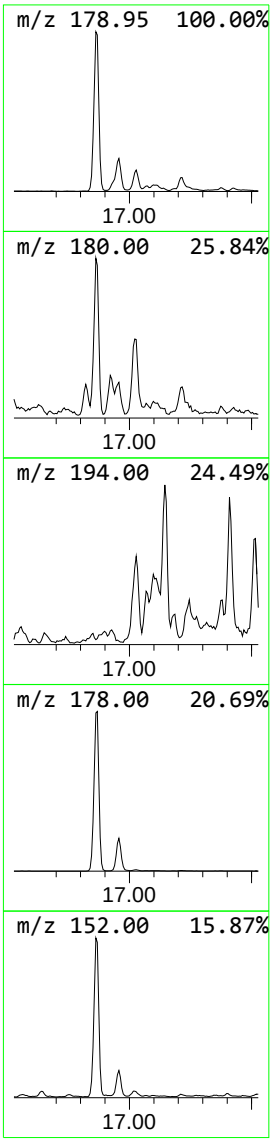
****

Peak Number 8 Benzo[h]quinoline Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	3.66 ng/ul	307861	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	92
2	Phenanthridine	179	C13H9N	000229-87-8	70
3	Acridine	179	C13H9N	000260-94-6	70
4	Acridine	179	C13H9N	000260-94-6	70
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	70





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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

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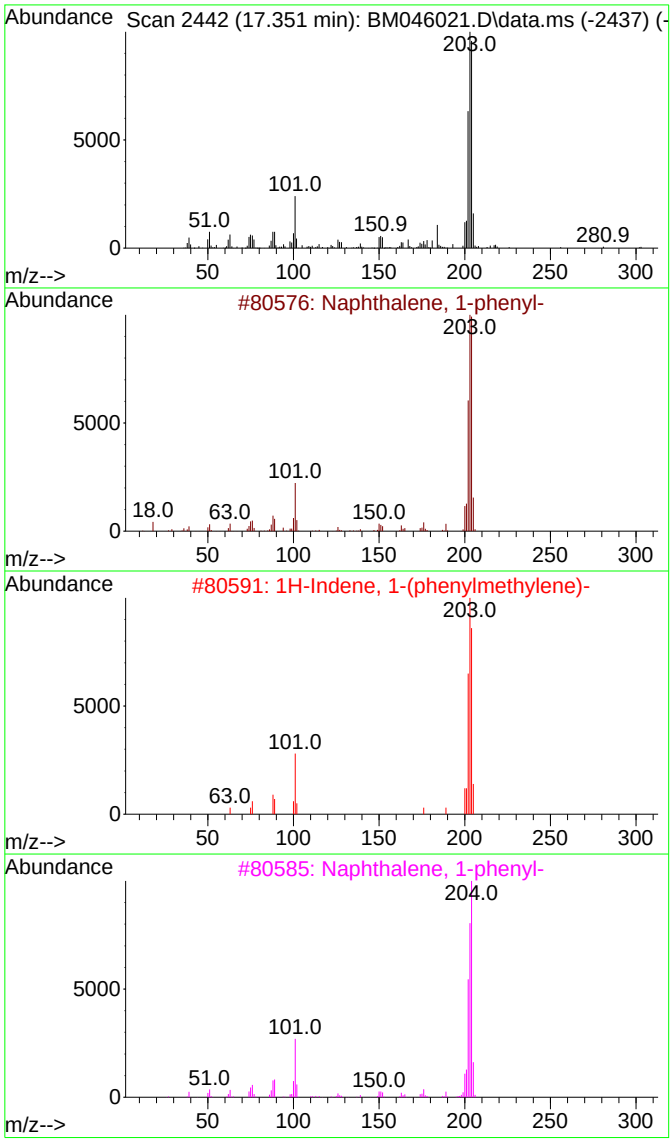
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

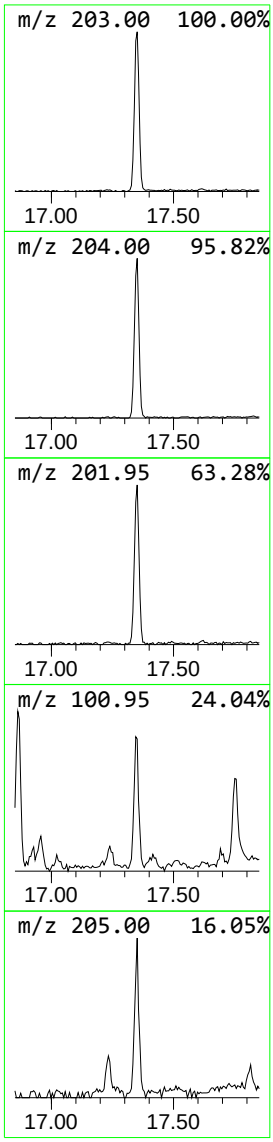
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-phenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.351	3.63 ng/ul	304672	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	81





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Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

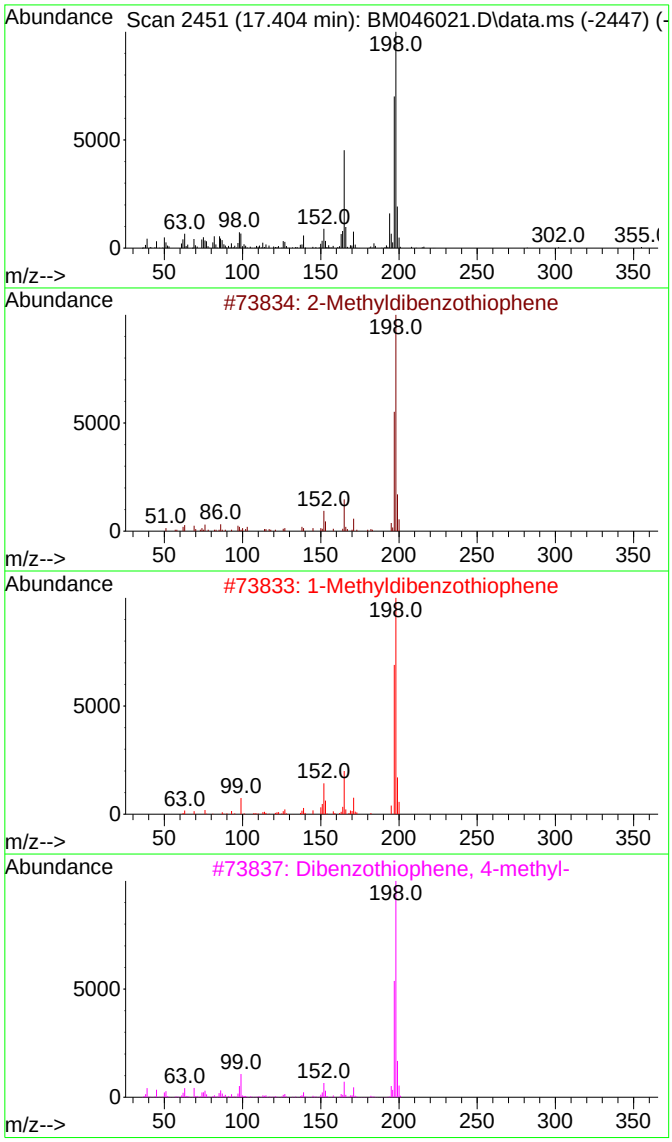
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

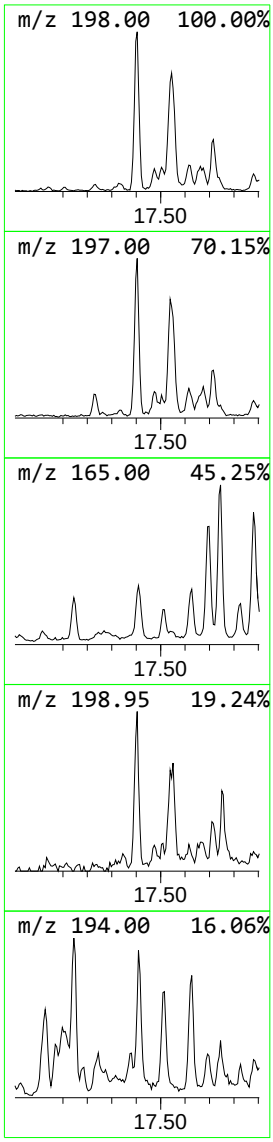
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Methyldibenzothiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	4.81 ng/ul	404005	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	76
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
5	Thioxanthene	198	C13H10S	000261-31-4	53





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Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

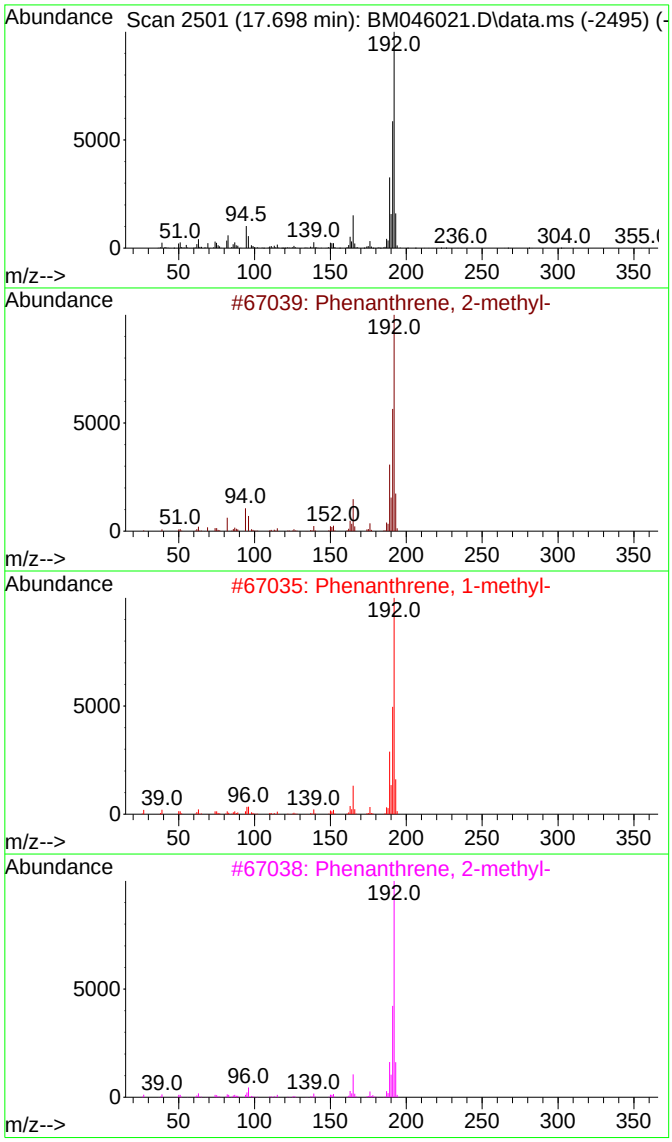
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

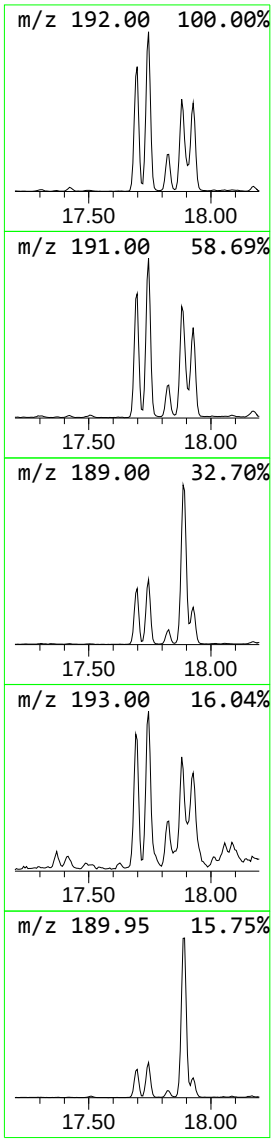
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	17.76 ng/ul	1492680	Phenanthrene-d10	16.821

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

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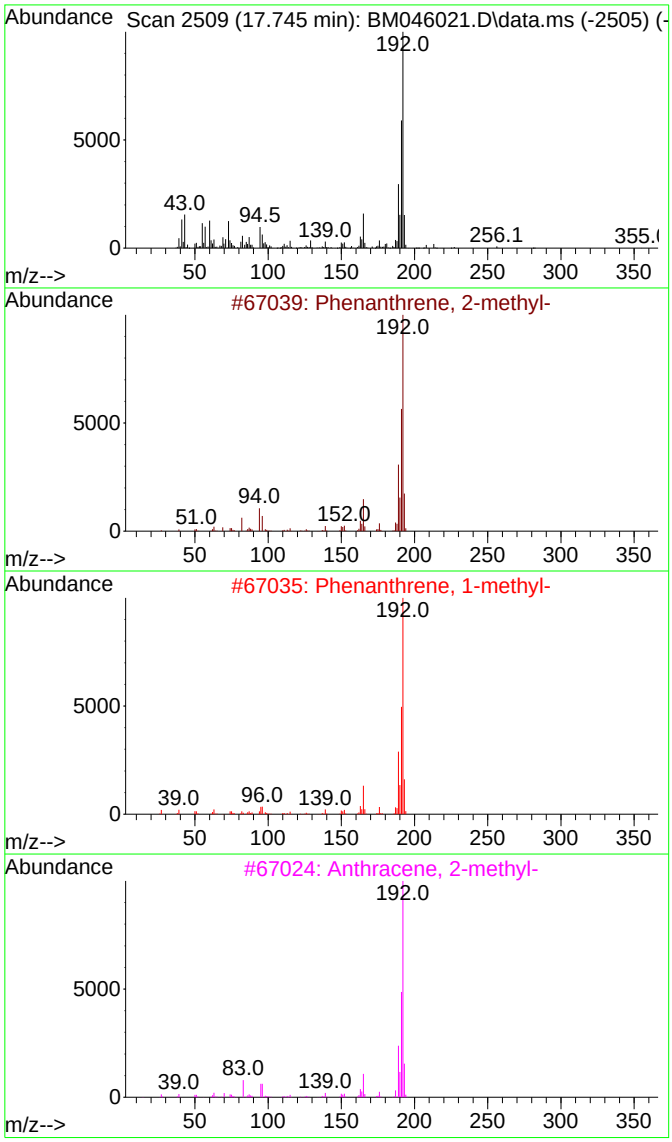
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

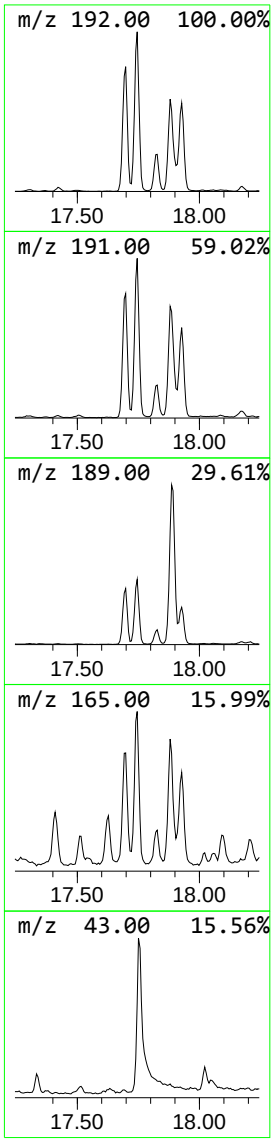
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	38.57 ng/ul	3240830	Phenanthrene-d10	16.821

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

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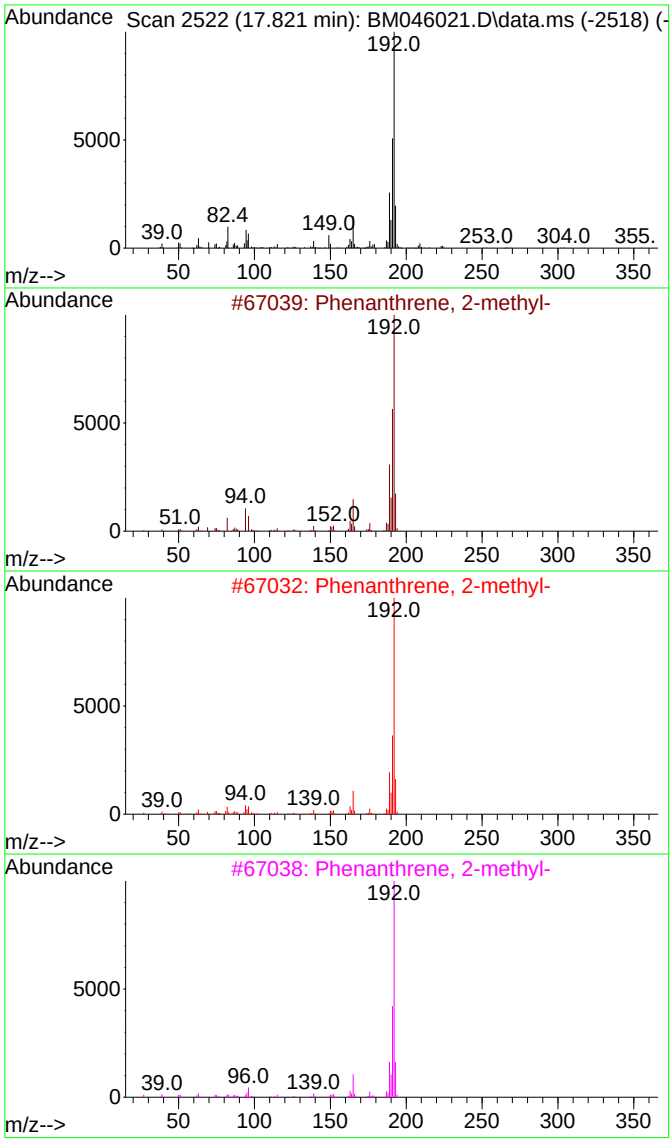
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

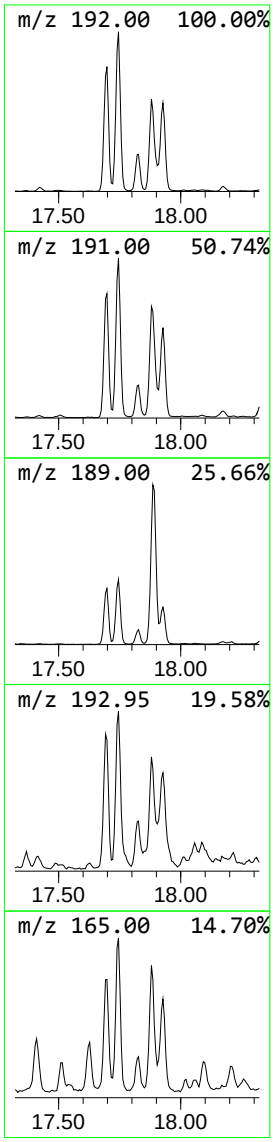
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.821	7.15 ng/ul	600981	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

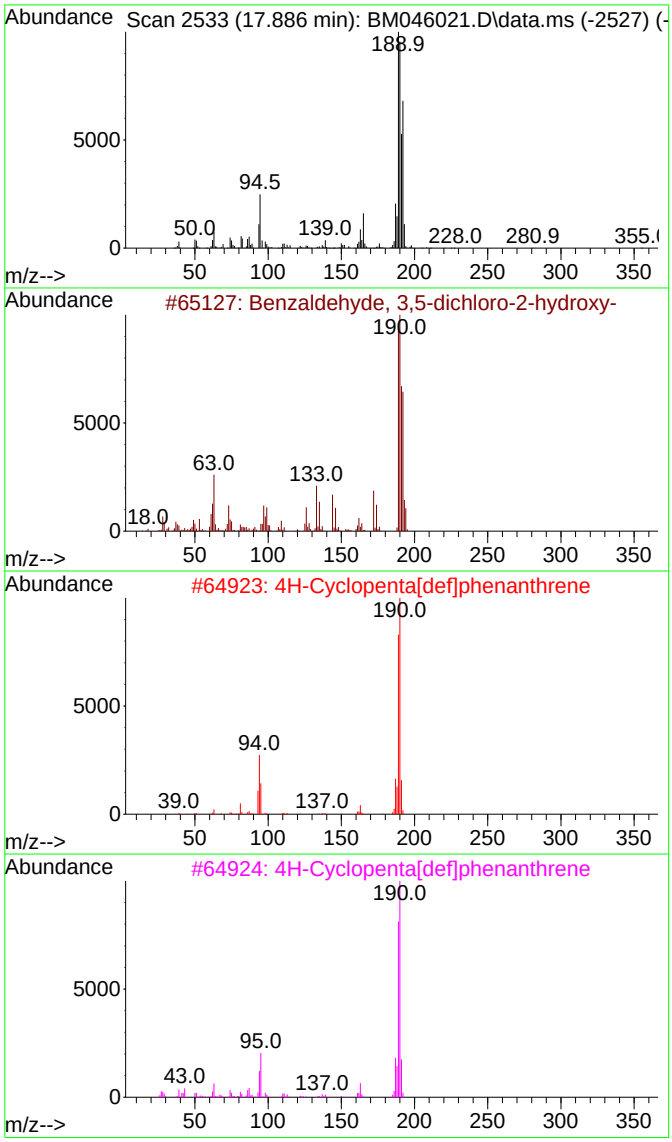
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

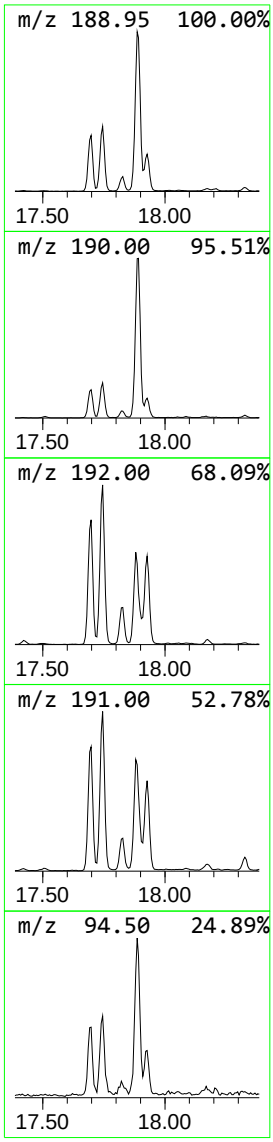
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	30.27 ng/ul	2543390	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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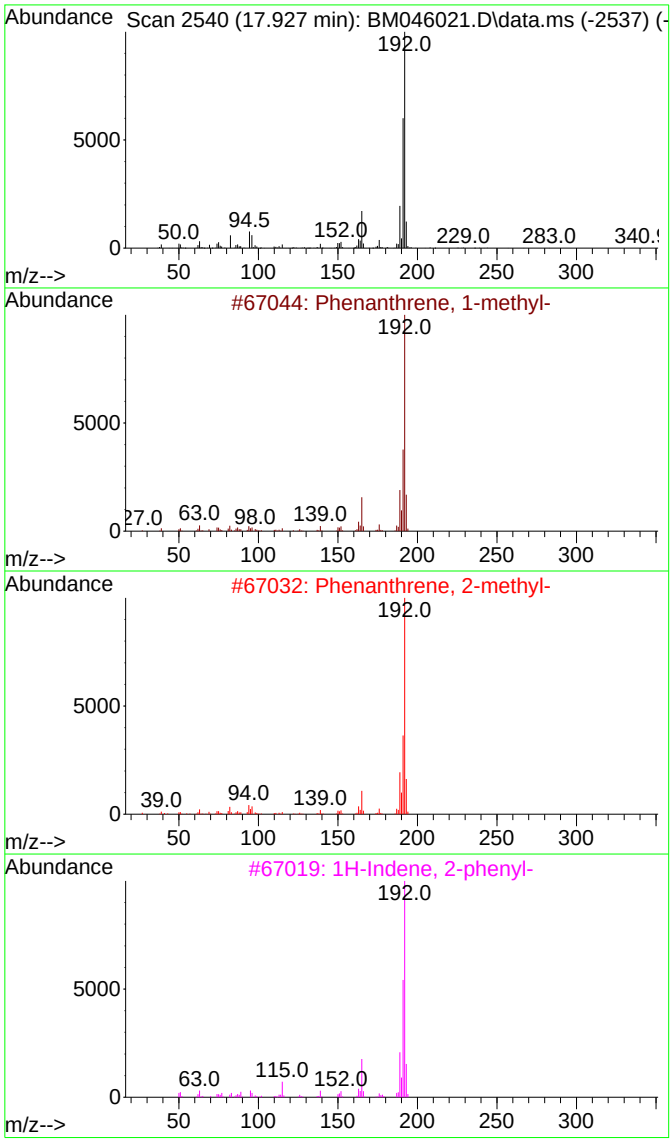
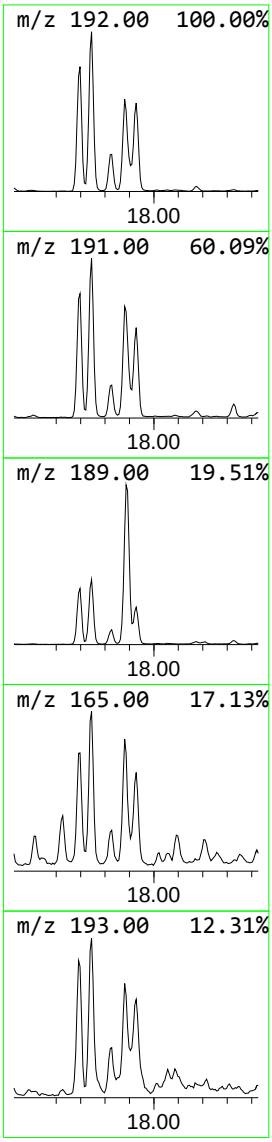
Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	12.56 ng/ul	1055260	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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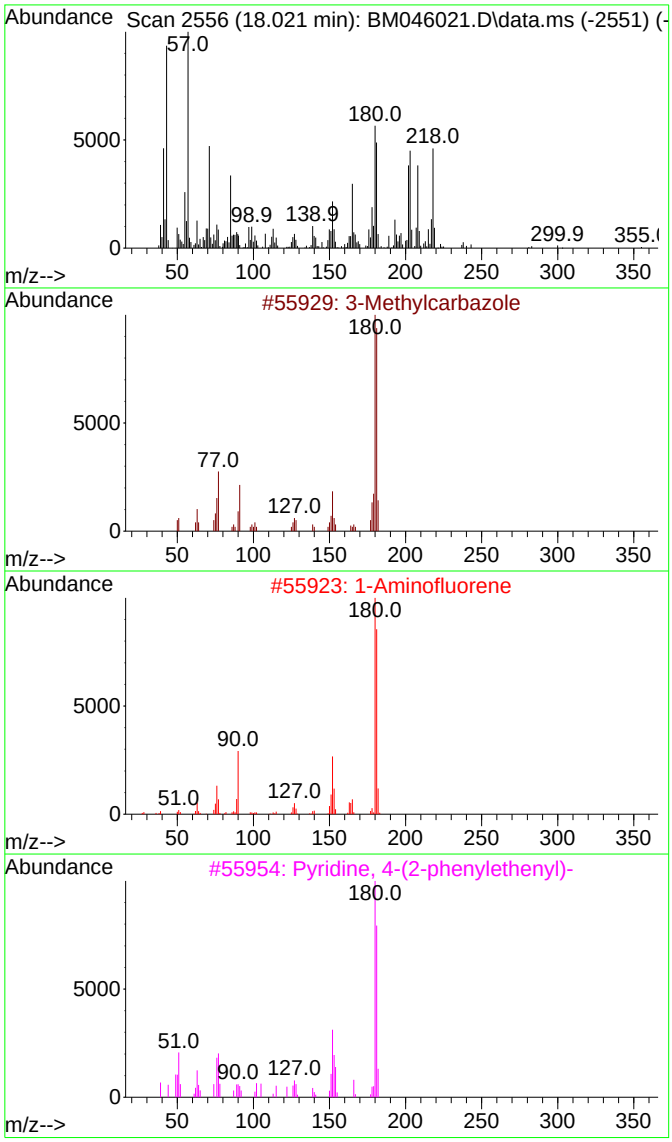
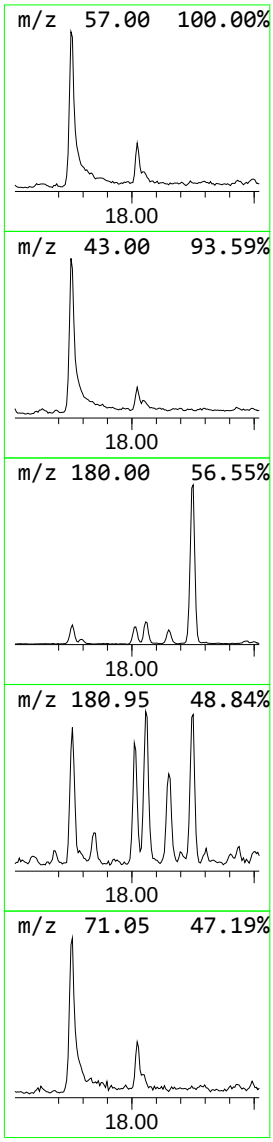
Peak Number 17 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	3.89 ng/ul	326989	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	43
2	1-Aminofluorene	181	C13H11N	006344-63-4	18
3	Pyridine, 4-(2-phenylethenyl)-	181	C13H11N	000103-31-1	15
4	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	15
5	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	11





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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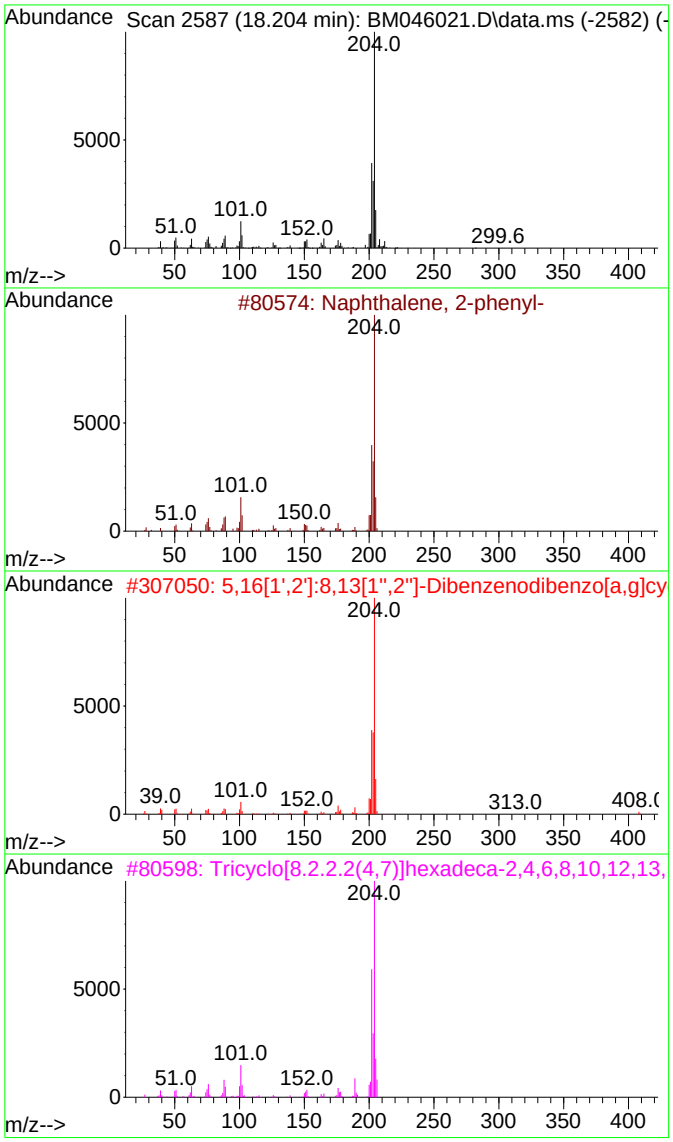
Quant Title : SVOA CALIBRATION

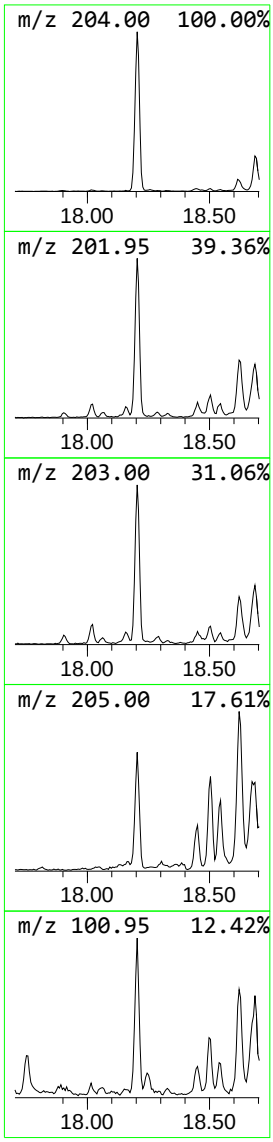
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	10.92 ng/ul	917835	Phenanthrene-d10	16.821

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





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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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

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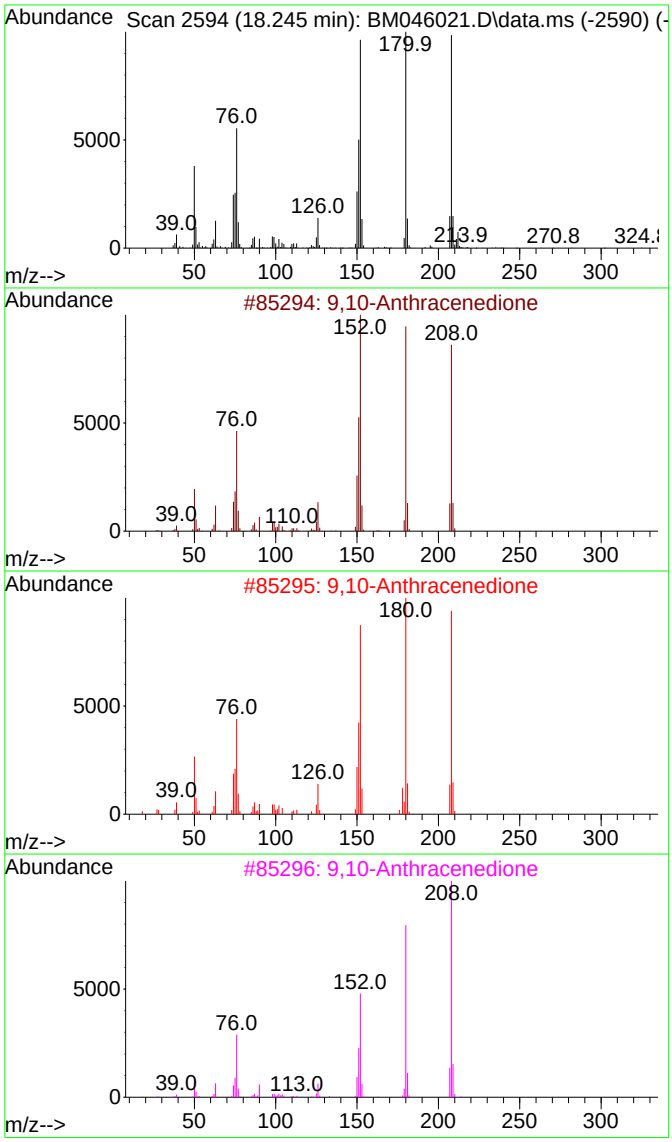
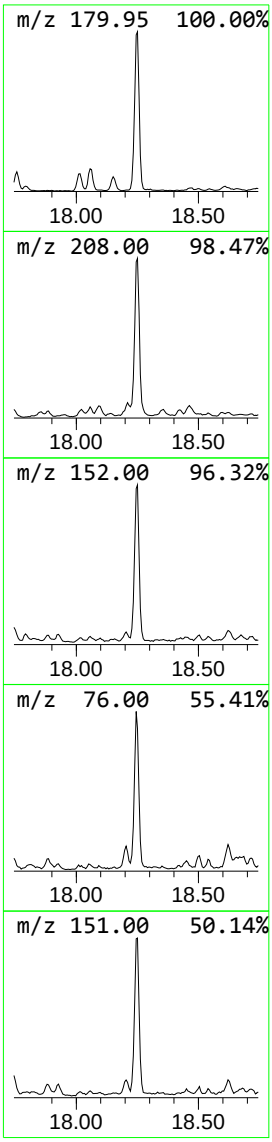
Peak Number 20 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	16.59 ng/ul	1394110	Phenanthrene-d10	16.821

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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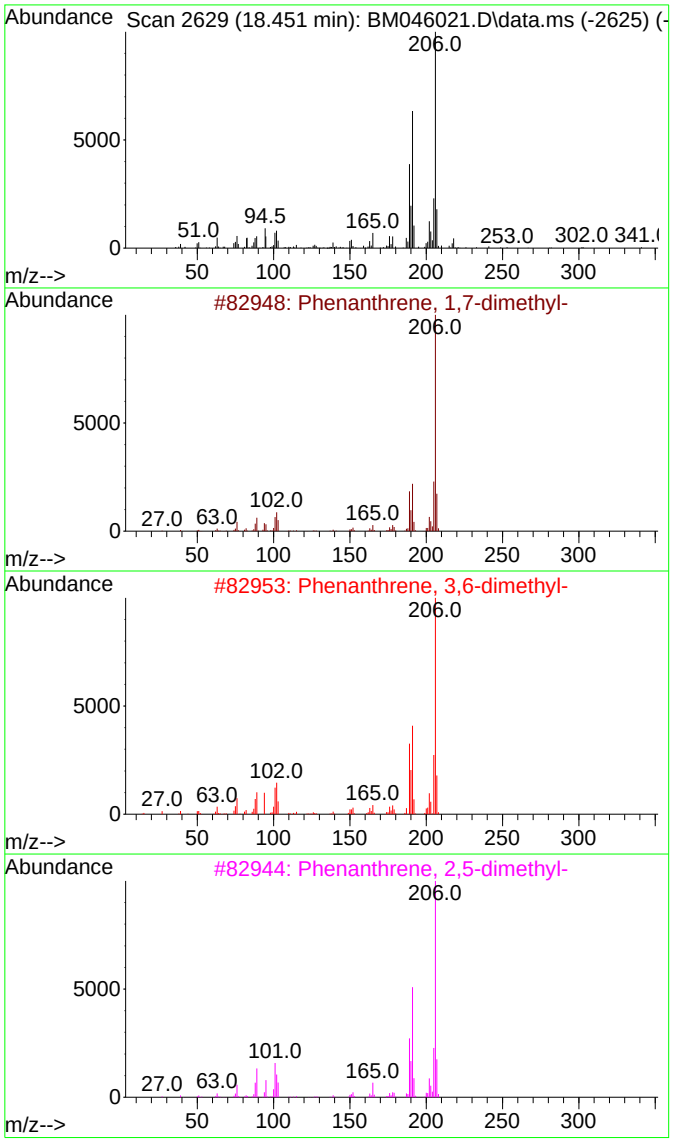
Quant Title : SVOA CALIBRATION

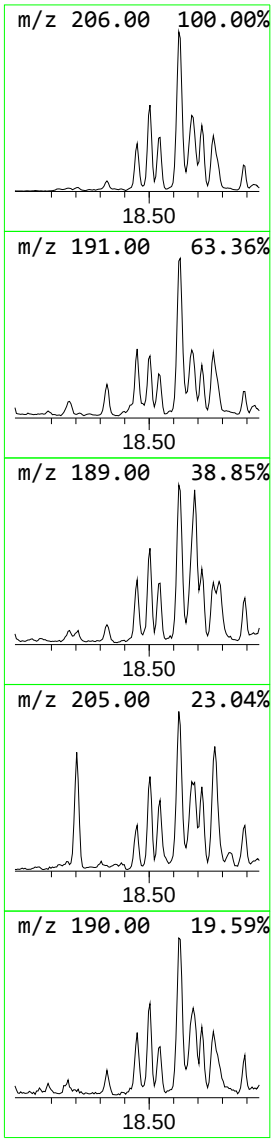
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 1,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	5.23 ng/ul	439532	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

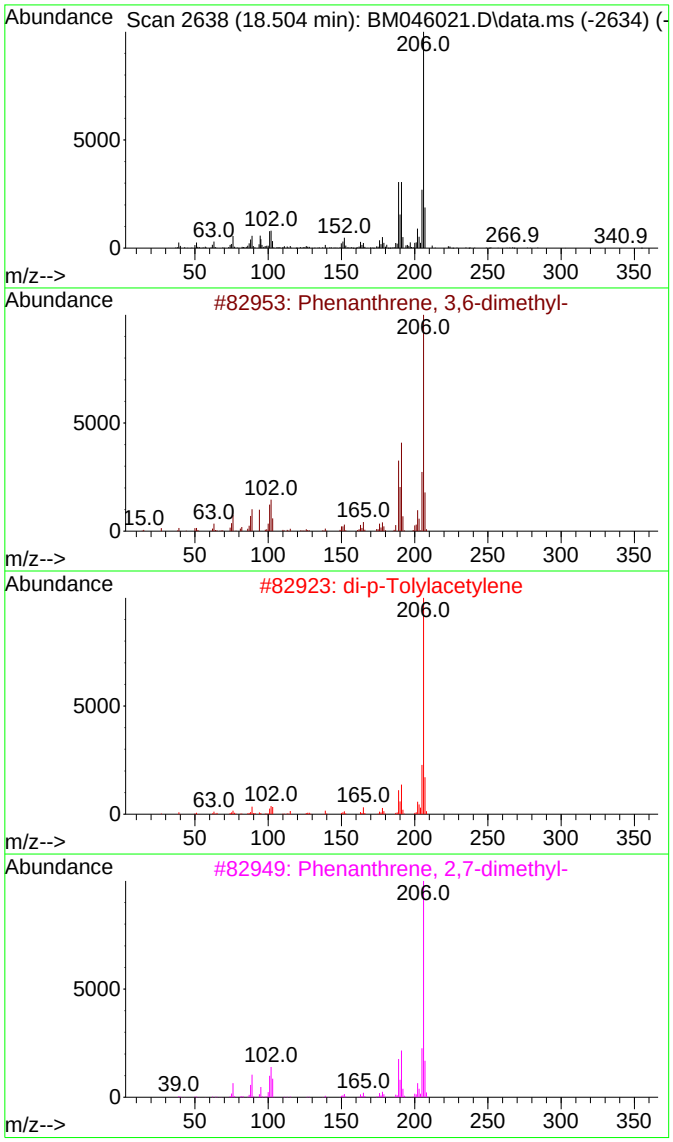
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

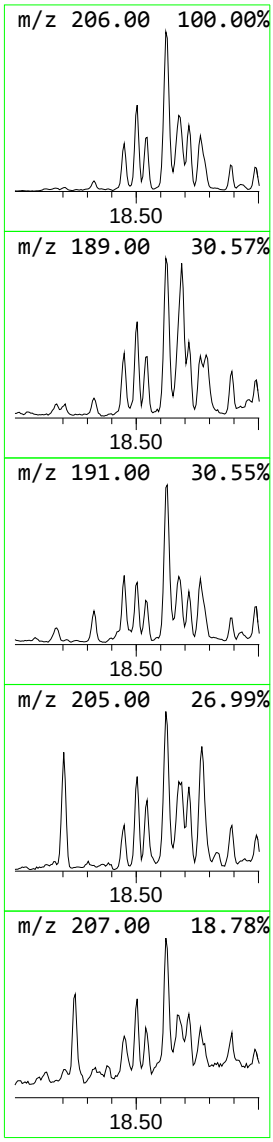
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	6.03 ng/ul	506518	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

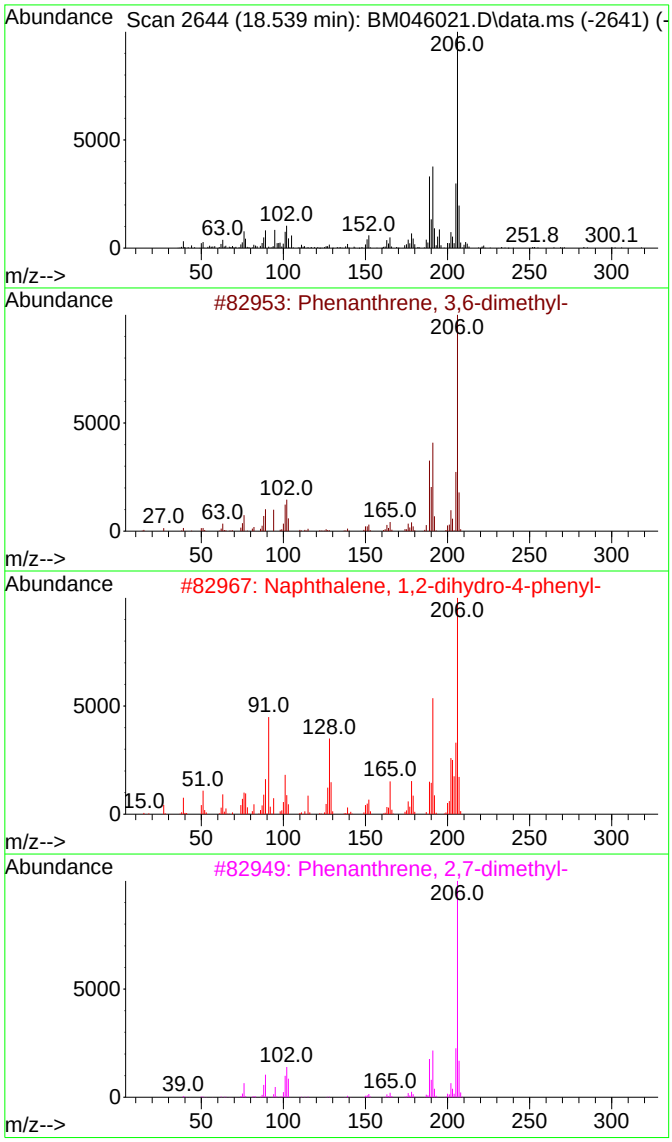
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

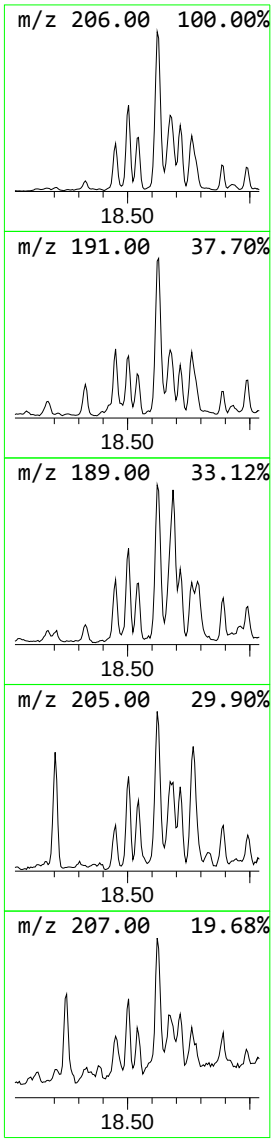
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 1,2-dihydro-4-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	4.35 ng/ul	365715	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

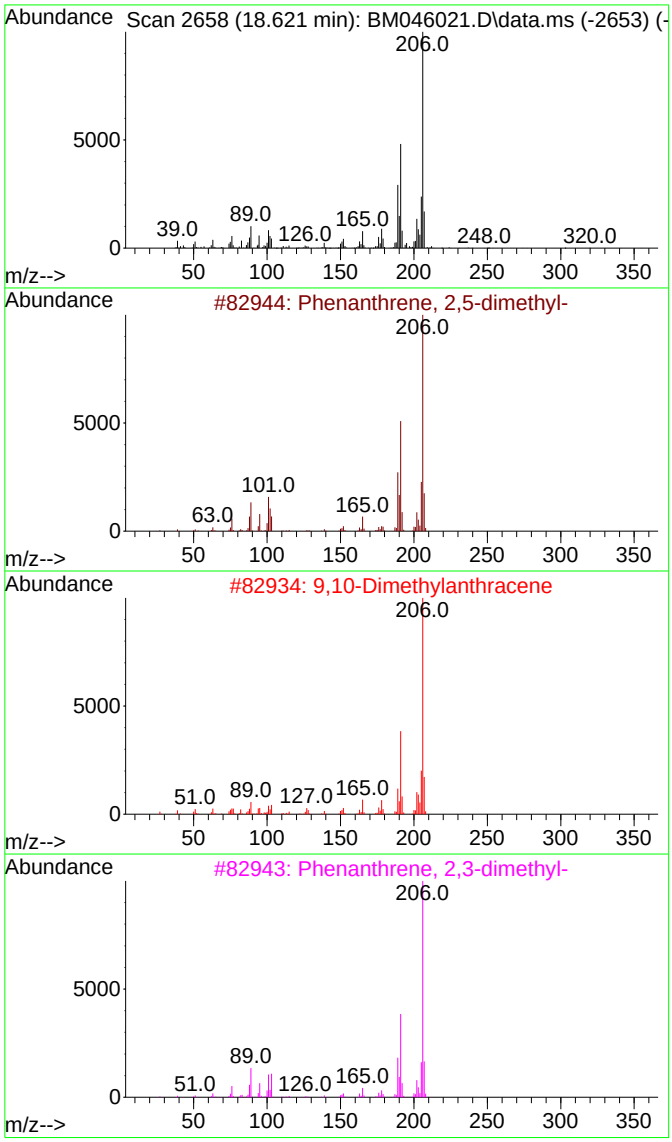
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

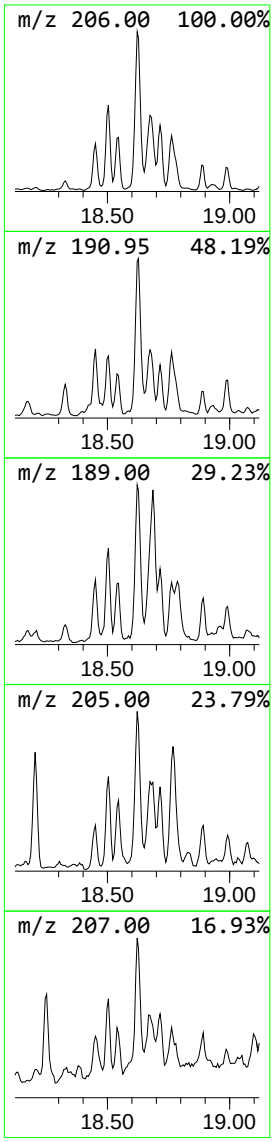
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.621	15.54 ng/ul	1305510	Phenanthrene-d10	16.821

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	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

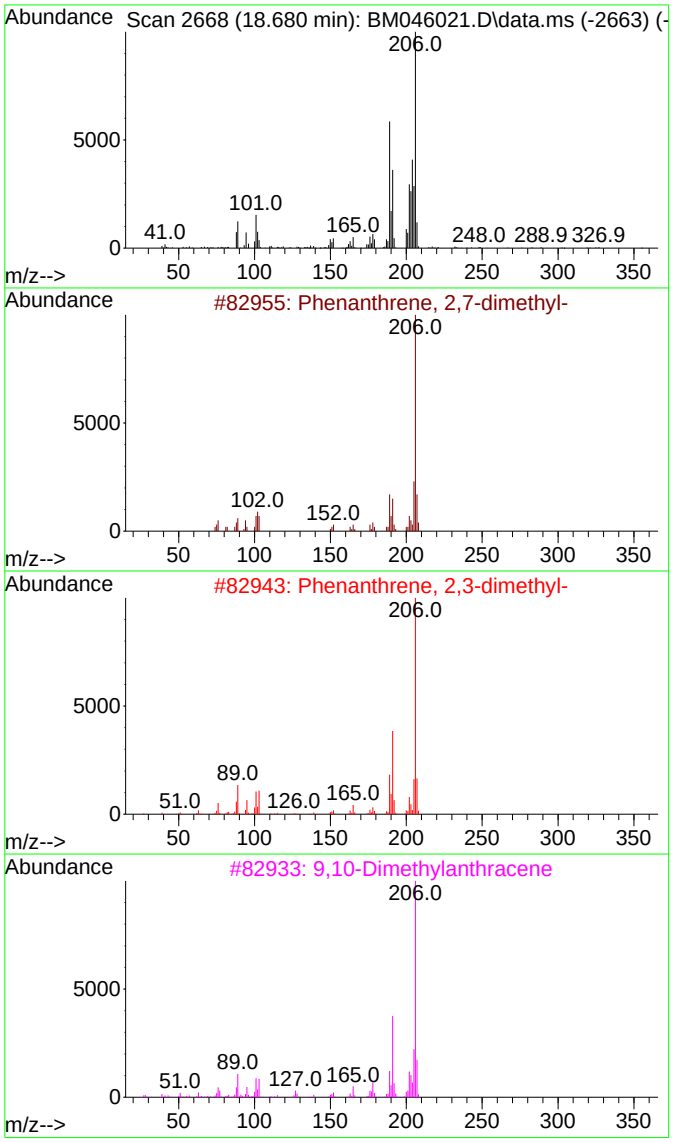
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

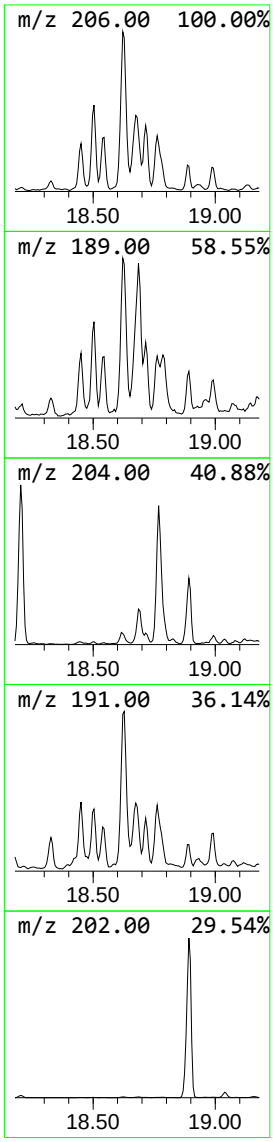
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenanthrene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	12.06 ng/ul	1013810	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	52
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	47





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Acq On : 13 Jun 2024 13:19
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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

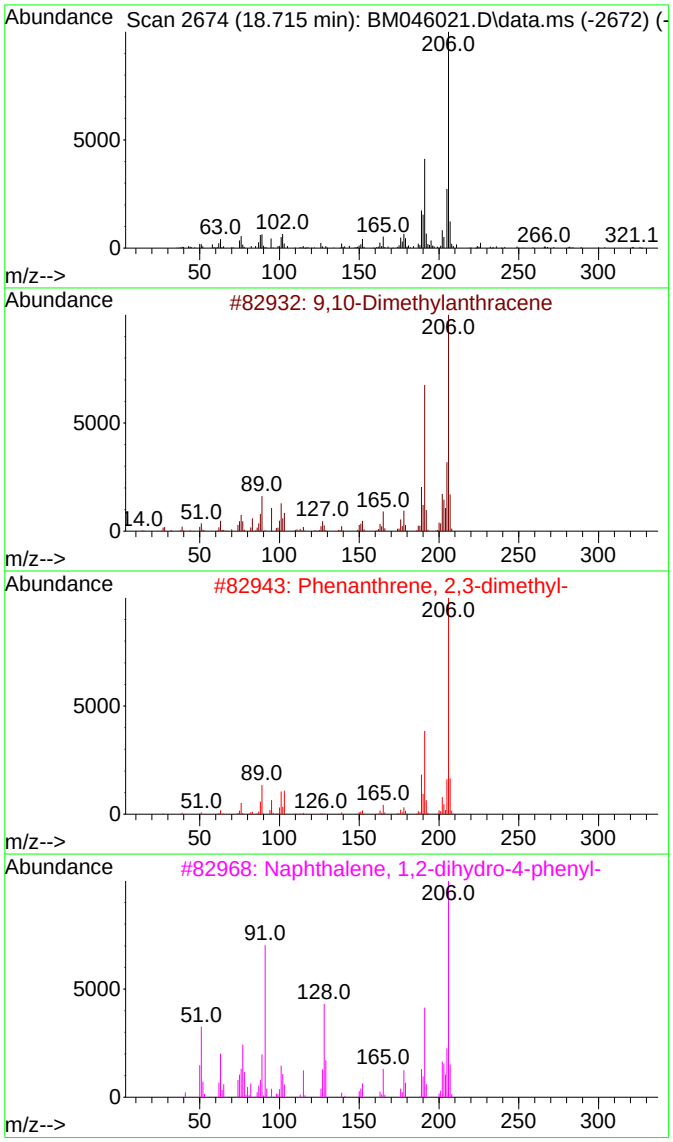
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

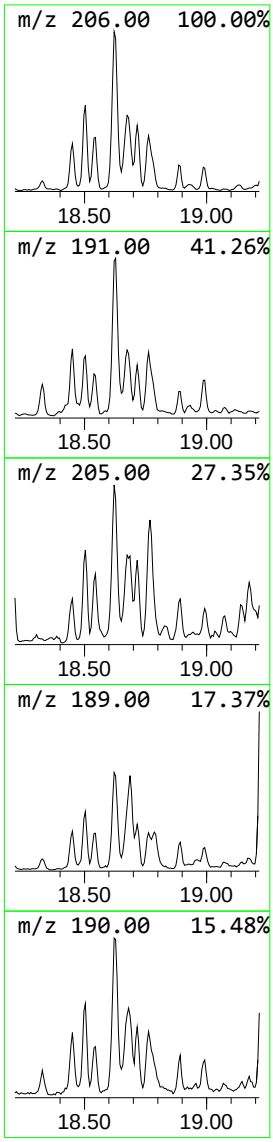
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 9,10-Dimethylanthracene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	3.78 ng/ul	318041	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

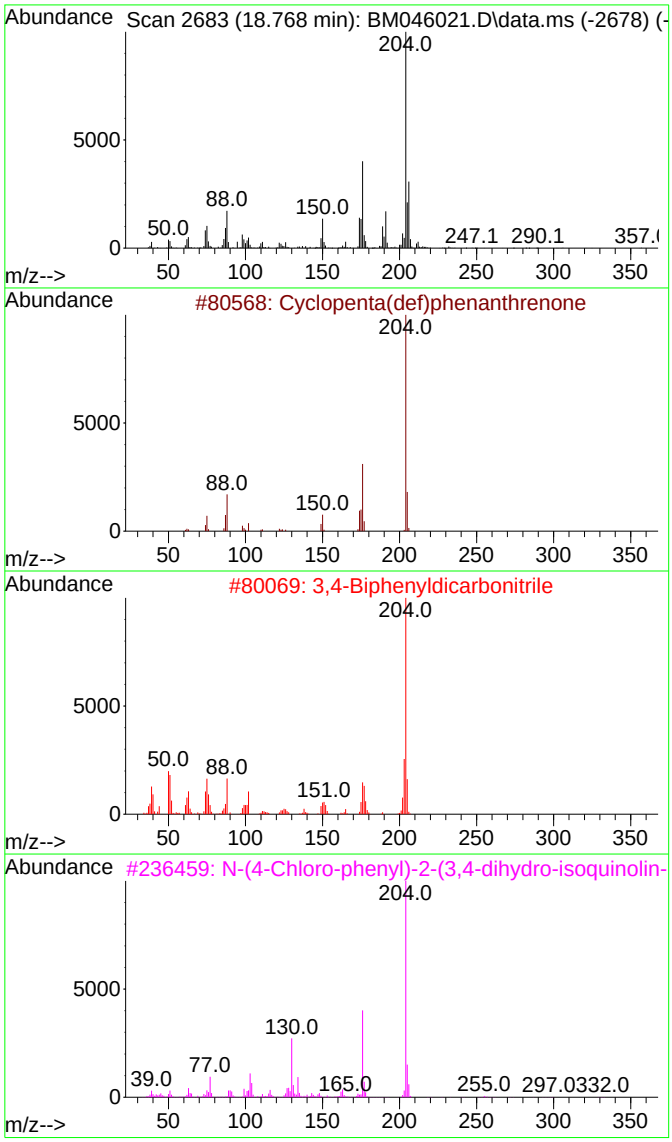
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

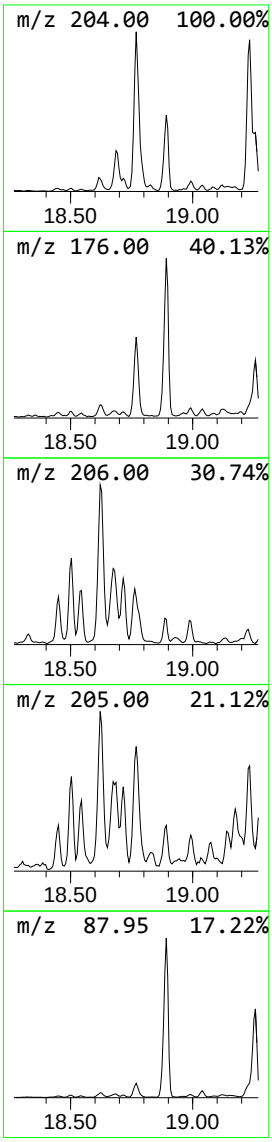
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.768	15.80 ng/ul	1327930	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

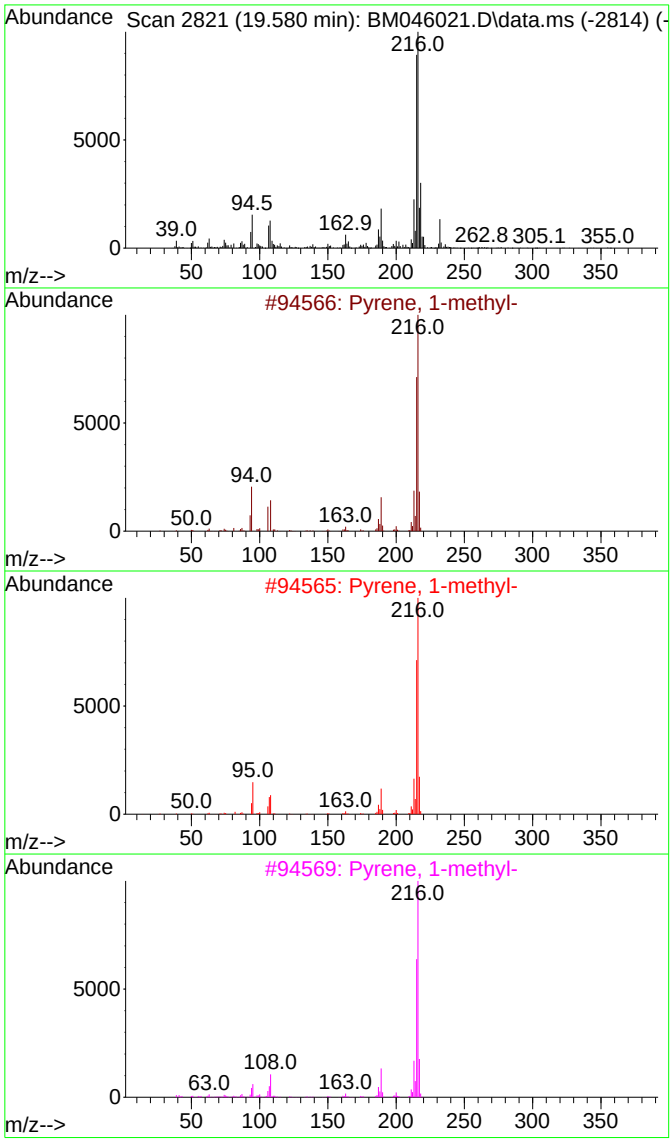
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

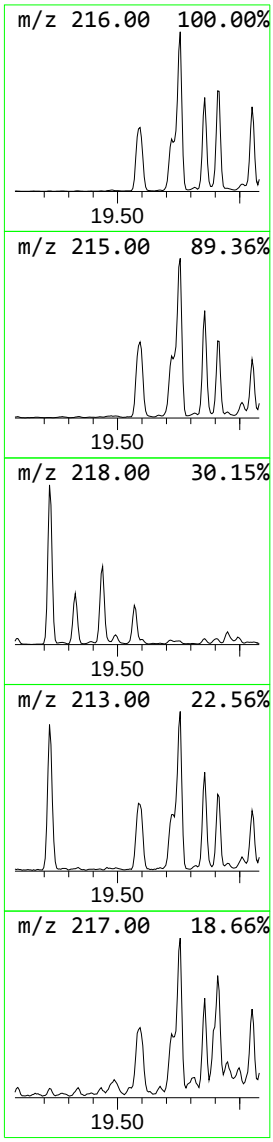
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.580	4.19 ng/ul	2466670	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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

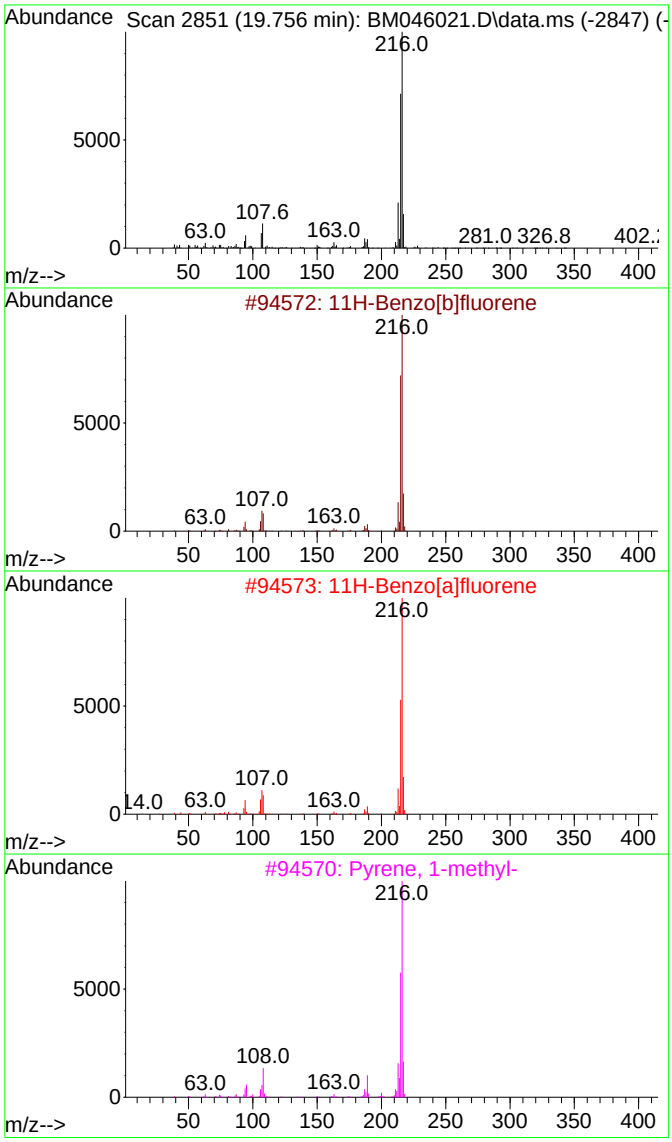
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

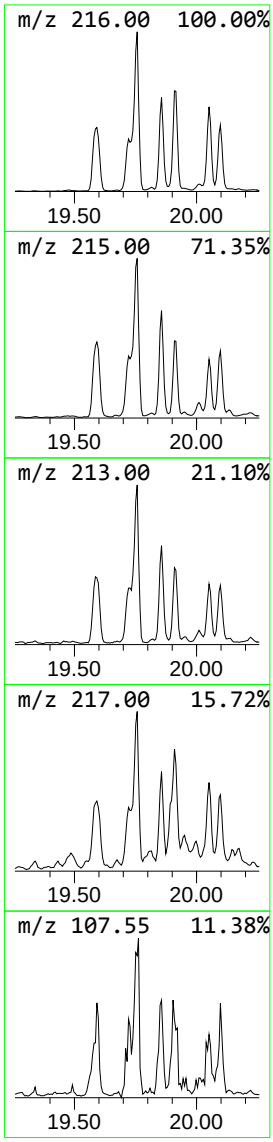
****

Peak Number 30 11H-Benzo[b]fluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.756	3.58 ng/ul	2105570	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

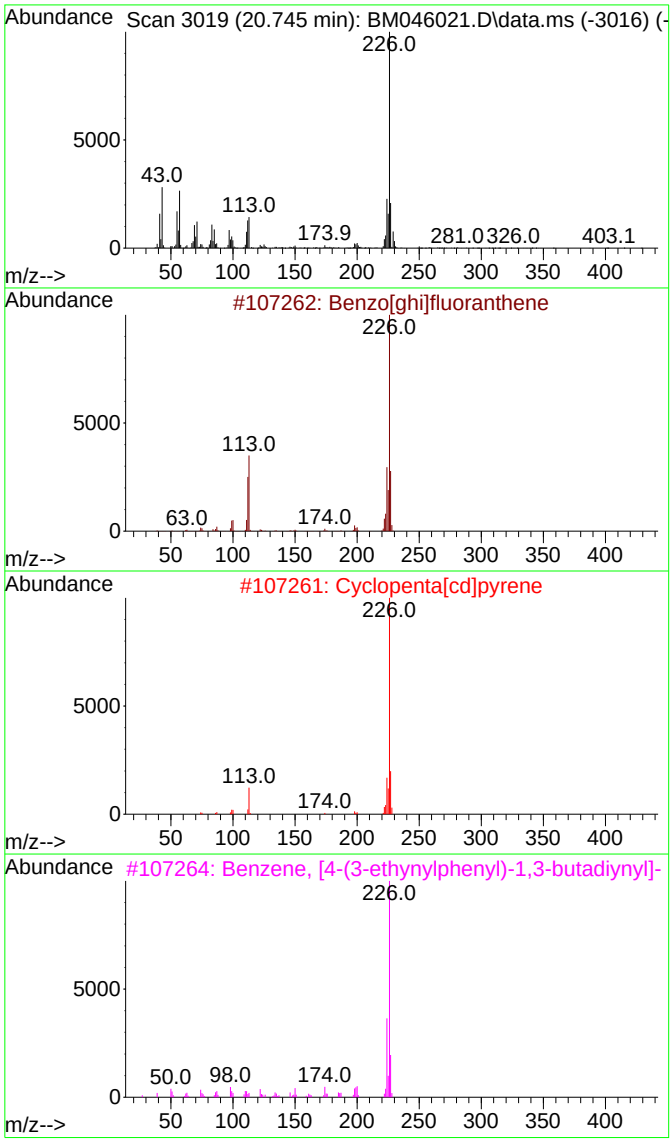
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

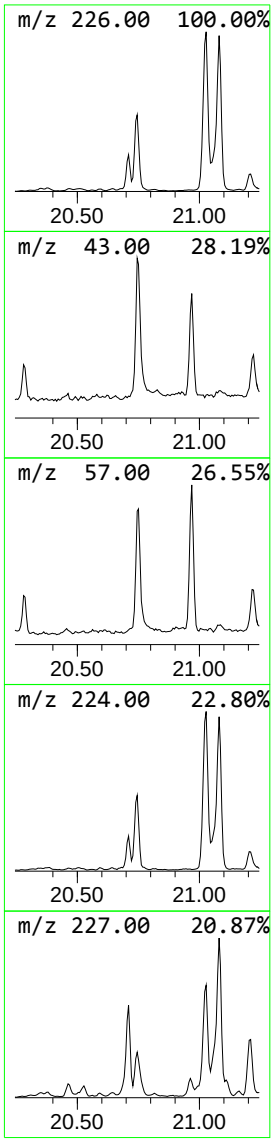
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzo[ghi]fluoranthene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	4.13 ng/ul	2432250	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	86
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	74
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	70
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
5	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

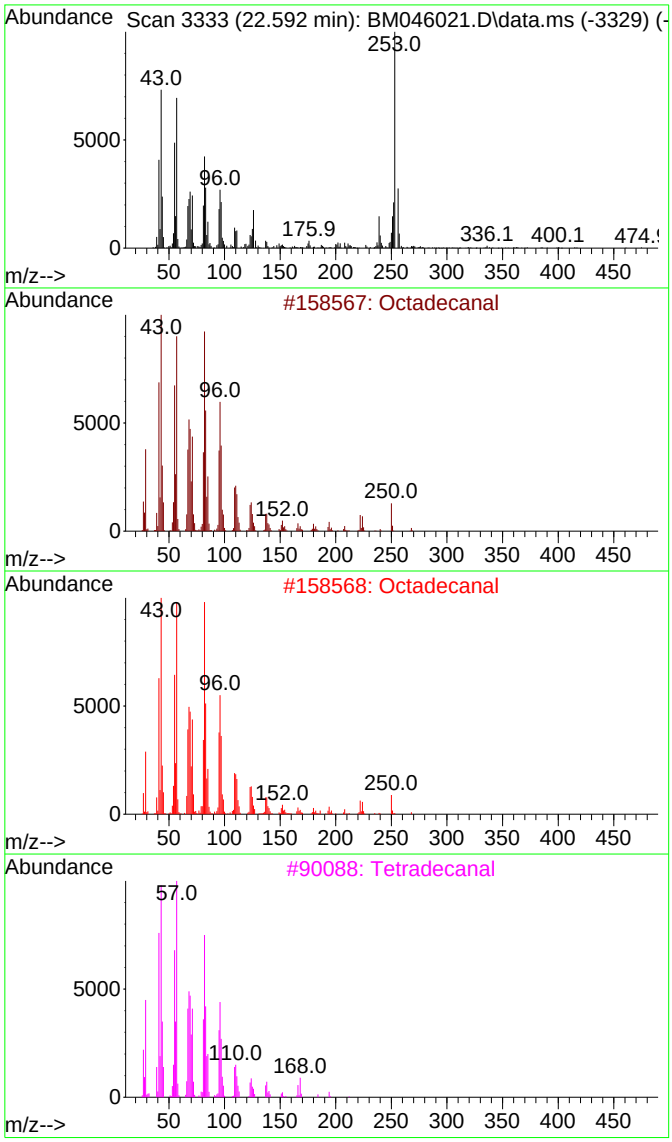
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

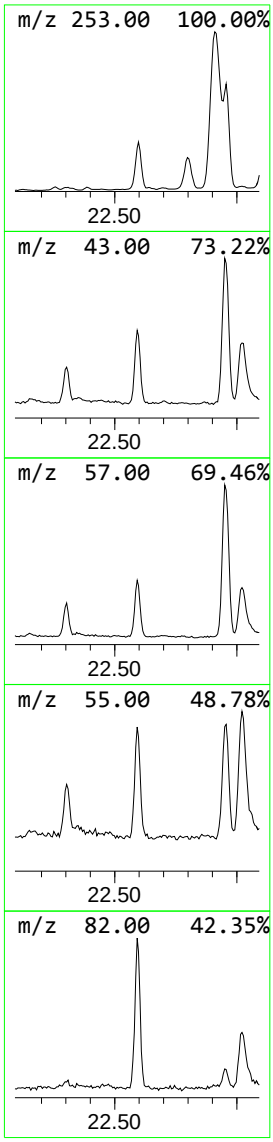
****

Peak Number 39 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.592	24.27 ng/ul	1927180	Perylene-d12	23.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Octadecanal	268	C18H36O	000638-66-4	50
3	Tetradecanal	212	C14H28O	000124-25-4	48
4	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	35
5	Octadecanal	268	C18H36O	000638-66-4	30





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Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

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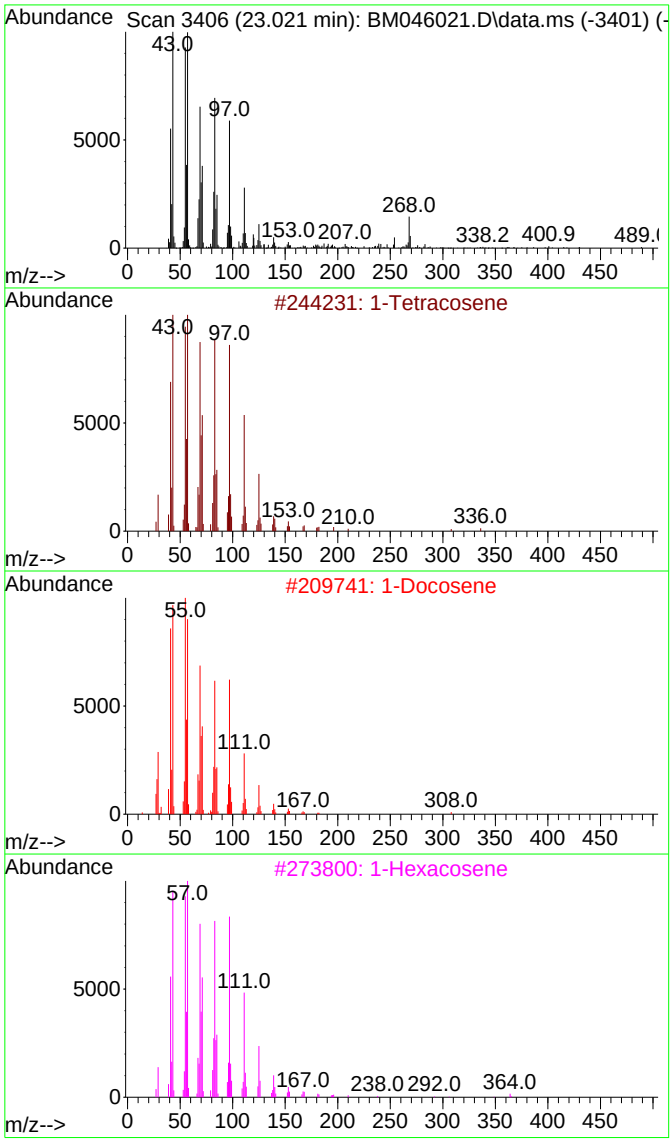
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

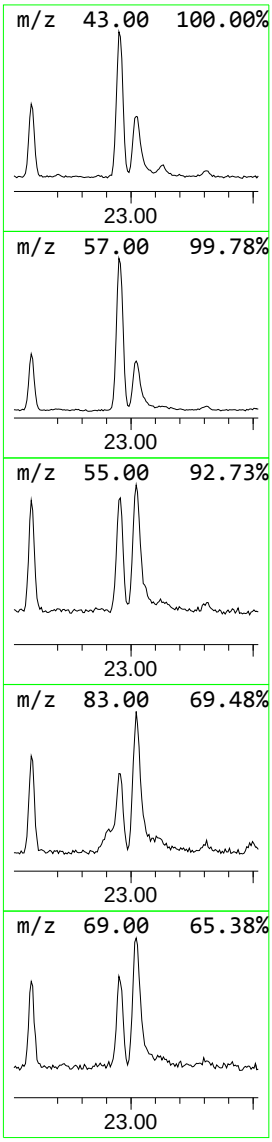
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.021	15.58 ng/ul	1236880	Perylene-d12	23.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	1-Hexacosene	364	C26H52	018835-33-1	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Cyclooctacosane	392	C28H56	000297-24-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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

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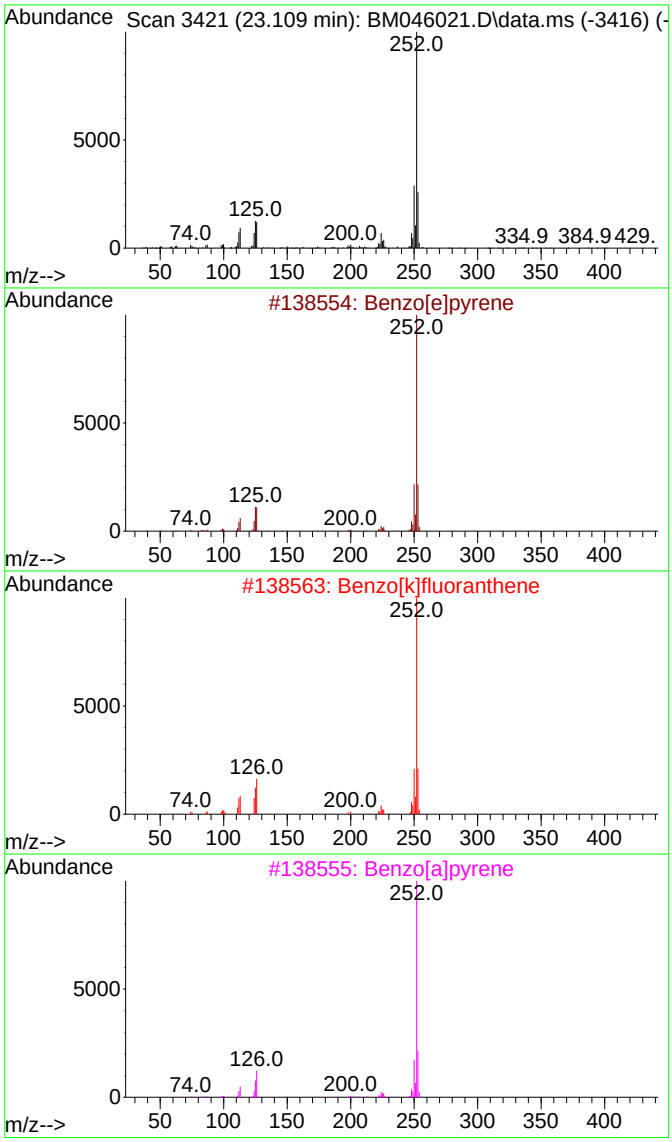
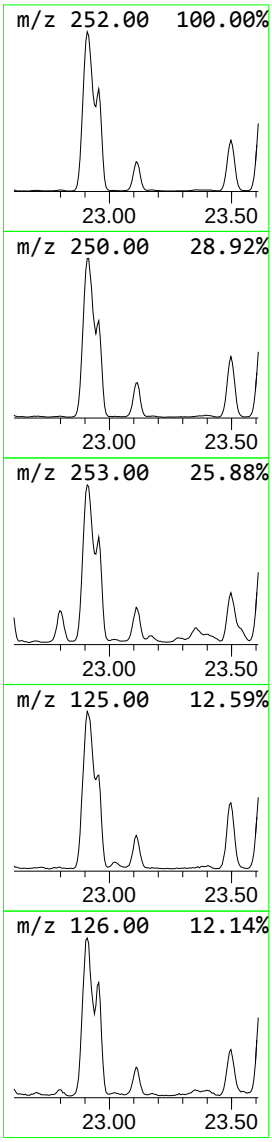
Peak Number 41 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.109	18.38 ng/ul	1459360	Perylene-d12	23.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

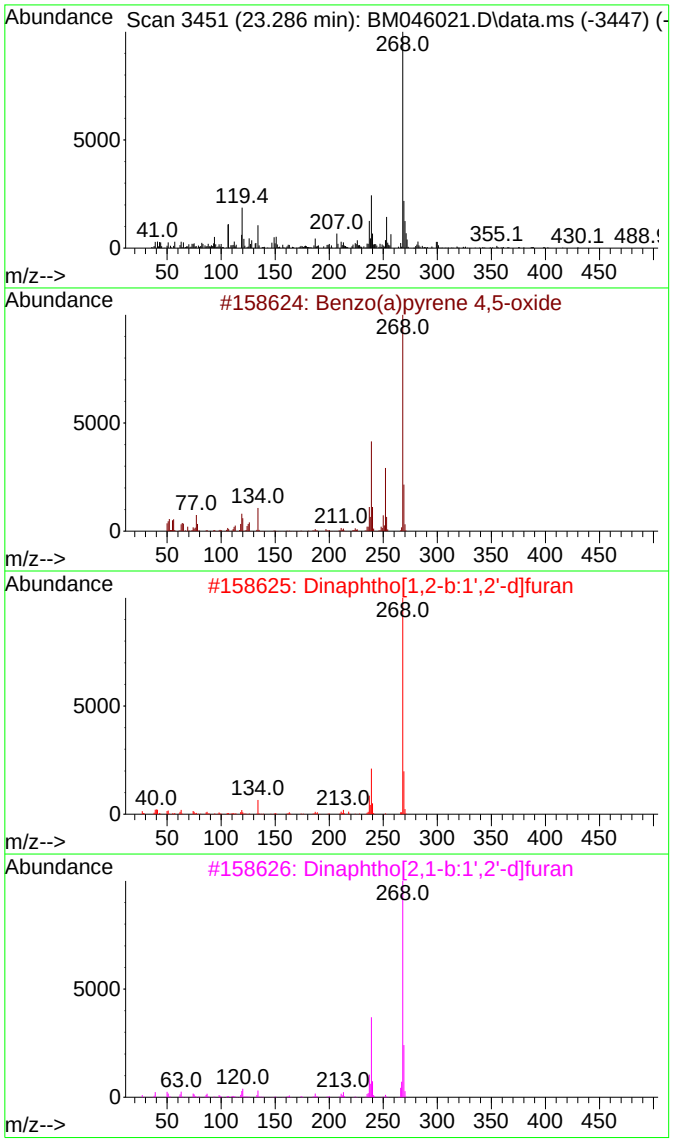
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

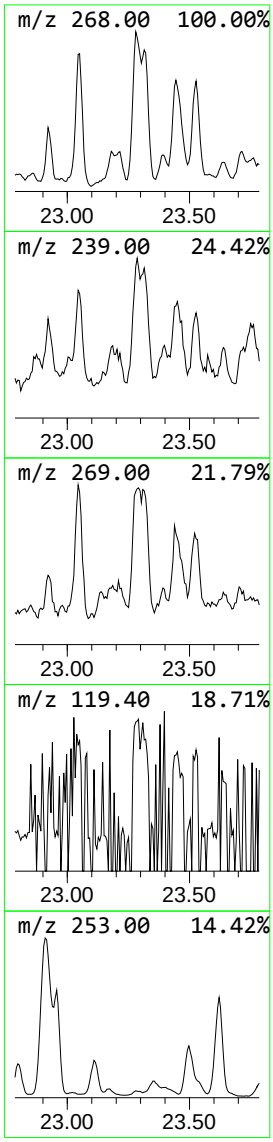
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzo(a)pyrene 4,5-oxide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.286	5.26 ng/ul	417640	Perylene-d12	23.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
4	Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	64
5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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

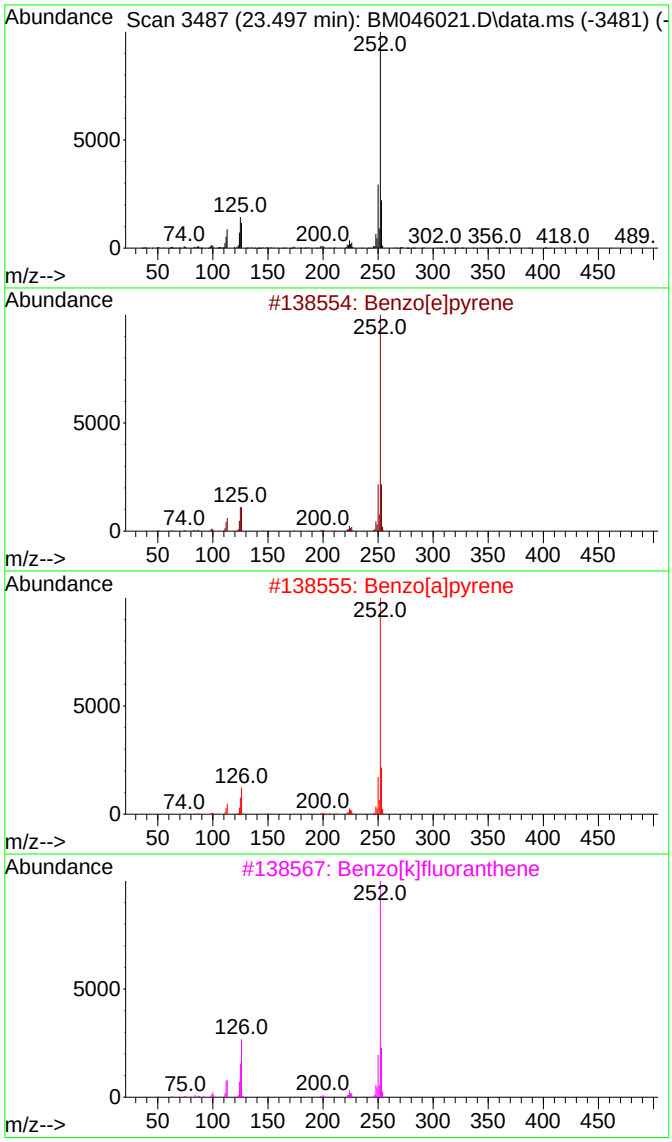
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

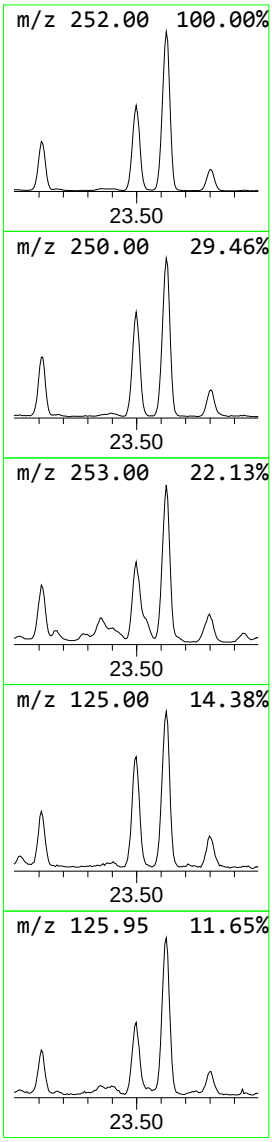
****

Peak Number 43 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.497	30.86 ng/ul	2450310	Perylene-d12	23.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

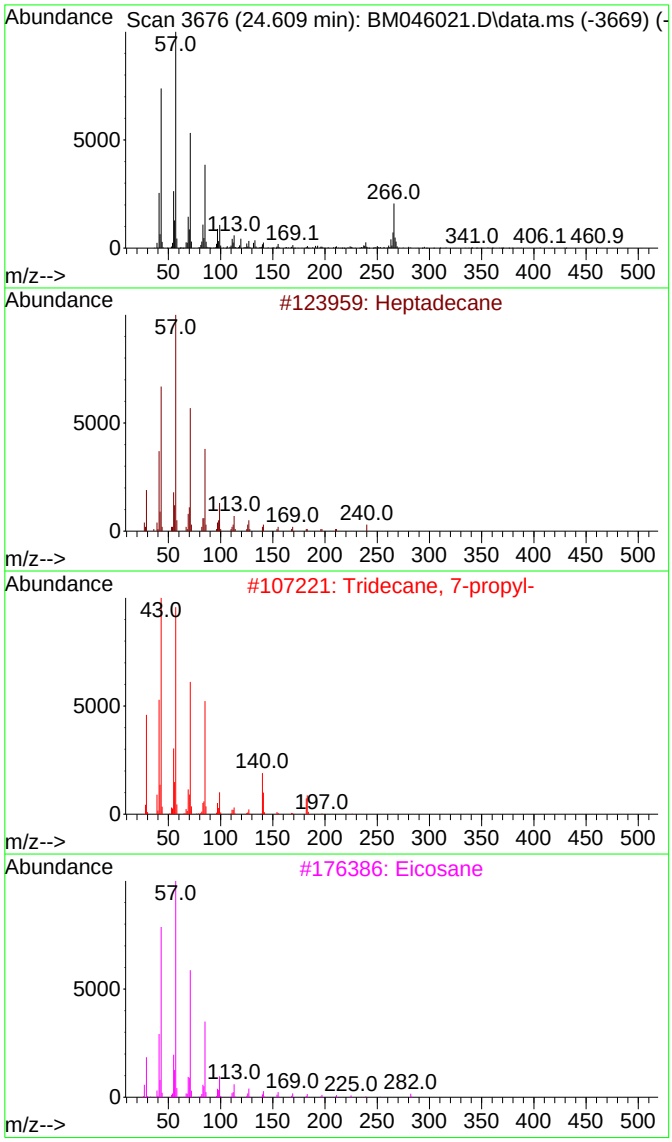
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

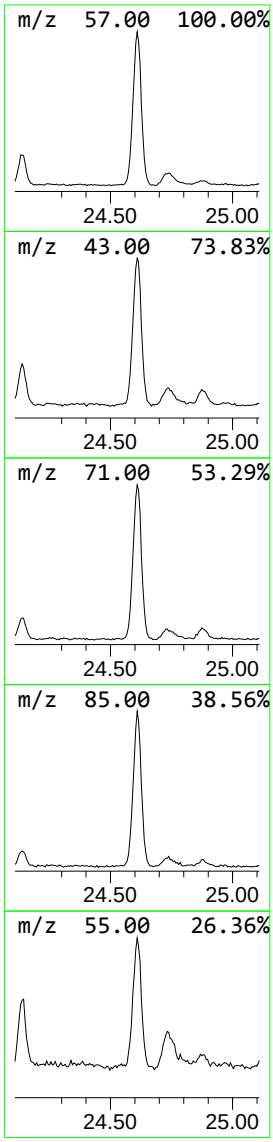
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.609	27.55 ng/ul	2187780	Perylene-d12	23.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Nonadecane	268	C19H40	000629-92-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046021.D
Acq On : 13 Jun 2024 13:19
Operator : MA/JU
Sample : P2648-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC50

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
unknown-01	14.316	11.0	ng/ul	766991	3	14.075	1392120	20.0
1(2H)-Acenaphth...	15.810	5.5	ng/ul	461737	4	16.821	1680700	20.0
9H-Fluorene, 1-...	16.133	3.3	ng/ul	277517	4	16.821	1680700	20.0
9H-Fluoren-9-one	16.486	5.9	ng/ul	492625	4	16.821	1680700	20.0
Dibenzothiophene	16.639	5.5	ng/ul	465302	4	16.821	1680700	20.0
Benzo[h]quinoline	17.027	3.7	ng/ul	307861	4	16.821	1680700	20.0
Naphthalene, 1-...	17.351	3.6	ng/ul	304672	4	16.821	1680700	20.0
2-Methyldibenzo...	17.404	4.8	ng/ul	404005	4	16.821	1680700	20.0
Phenanthrene, 2...	17.698	17.8	ng/ul	1492680	4	16.821	1680700	20.0
Phenanthrene, 1...	17.745	38.6	ng/ul	3240830	4	16.821	1680700	20.0
1H-Cyclopropa[1...	17.821	7.2	ng/ul	600981	4	16.821	1680700	20.0
Benzaldehyde, 3...	17.886	30.3	ng/ul	2543390	4	16.821	1680700	20.0
1H-Indene, 2-ph...	17.927	12.6	ng/ul	1055260	4	16.821	1680700	20.0
unknown-02	18.021	3.9	ng/ul	326989	4	16.821	1680700	20.0
Naphthalene, 2-...	18.204	10.9	ng/ul	917835	4	16.821	1680700	20.0
9,10-Anthracene...	18.245	16.6	ng/ul	1394110	4	16.821	1680700	20.0
Phenanthrene, 1...	18.451	5.2	ng/ul	439532	4	16.821	1680700	20.0
Phenanthrene, 3...	18.504	6.0	ng/ul	506518	4	16.821	1680700	20.0
Naphthalene, 1,...	18.539	4.3	ng/ul	365715	4	16.821	1680700	20.0
Phenanthrene, 2...	18.621	15.5	ng/ul	1305510	4	16.821	1680700	20.0
Phenanthrene, 2...	18.680	12.1	ng/ul	1013810	4	16.821	1680700	20.0
9,10-Dimethylan...	18.715	3.8	ng/ul	318041	4	16.821	1680700	20.0
Cyclopenta(def)...	18.768	15.8	ng/ul	1327930	4	16.821	1680700	20.0
Pyrene, 1-methyl-	19.580	4.2	ng/ul	2466670	5	21.039	11779000	20.0
11H-Benzo[b]flu...	19.756	3.6	ng/ul	2105570	5	21.039	11779000	20.0
Benzo[ghi]fluor...	20.745	4.1	ng/ul	2432250	5	21.039	11779000	20.0
Octadecanal	22.592	24.3	ng/ul	1927180	6	23.744	1588250	20.0
(DEL) Alkane: S...	23.021	15.6	ng/ul	1236880	6	23.744	1588250	20.0
Benzo[e]pyrene	23.109	18.4	ng/ul	1459360	6	23.744	1588250	20.0
Benzo(a)pyrene ...	23.286	5.3	ng/ul	417640	6	23.744	1588250	20.0
Perylene	23.497	30.9	ng/ul	2450310	6	23.744	1588250	20.0
(DEL) Alkane: S...	24.609	27.6	ng/ul	2187780	6	23.744	1588250	20.0