LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

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: BM046007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.328	55	58	72	rBV	103871	237344	3.58%	0.251%
2	3.463	78	81	88	rVV	76566	174557	2.64%	0.184%
3	3.528	88	92	101	rVV	196565	311464	4.70%	0.329%
4	4.263	213	217	224	rVB	61233	90927	1.37%	0.096%
5	4.616	272	277	285	rBV	82971	146900	2.22%	0.155%
6	6.693	622	630	643	rBV	541277	1072519	16.19%	1.134%
7	6.799	643	648	662	rVB	396185	734884	11.09%	0.777%
8	6.998	674	682	691	rBV	608624	1054162	15.91%	1.114%
9	7.434	749	756	769	rVB	658224	1077886	16.27%	1.139%
10	8.204	881	887	896	rBV	534285	959788	14.49%	1.014%
11	8.598	947	954	965	rBV	652586	1110226	16.76%	1.173%
12	9.310	1069	1075	1096	rVB	547616	971849	14.67%	1.027%
13	9.863	1162	1169	1192	rBV	620671	1285889	19.41%	1.359%
14	10.198	1219	1226	1233	rBV	900859	1552421	23.44%	1.641%
15	10.392	1250	1259	1278	rBV	243343	587904	8.88%	0.621%
16	10.998	1354	1362	1376	rBV	139240	347340	5.24%	0.367%
17	13.398	1765	1770	1775	rBV2	54910	92380	1.39%	0.098%
18	13.527	1783	1792	1801	rBV	1201422	1776889	26.83%	1.878%
19	13.769	1826	1833	1853	rBV2	1459164	2596836	39.20%	2.745%
20	14.080	1877	1886	1893	rBV	1326444	1928988	29.12%	2.039%
21	14.316	1917	1926	1927	rBV	1856341	2193139	33.11%	2.318%
22	14.339	1927	1930	1934	rVV	2247553	3351221	50.59%	3.542%
23	14.380	1934	1937	1951	rVV	479835	945572	14.28%	0.999%
24	14.486	1951	1955	1963	rVV3	74496	187423	2.83%	0.198%
25	14.563	1964	1968	1975	rVV	57355	95760	1.45%	0.101%
26	14.704	1985	1992	1997	rBV3	48137	99657	1.50%	0.105%
27	15.080	2050	2056	2061	rVV	1701202	2460945	37.15%	2.601%
28	15.133	2061	2065	2075	rVB3	120745	222955	3.37%	0.236%
29	15.222	2075	2080	2090	rBV	451842	645188	9.74%	0.682%
30	15.433	2111	2116	2122	rBV	53130	94555	1.43%	0.100%
31	15.580	2137	2141	2148	rVB4	50359	105020	1.59%	0.111%
32	15.816	2176	2181	2186	rBV3	115929	191232	2.89%	0.202%
33	16.139	2229	2236	2241	rVV3	64007	150968	2.28%	0.160%
34	16.410	2278	2282	2285	rVV4	65351	110906	1.67%	0.117%
35	16.486	2291	2295	2304	rVV2	136818	229528	3.47%	0.243%
36	16.563	2304	2308	2313	rVV2	54757	105507	1.59%	0.112%

LSC Area Percent Report

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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

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	16.645	2318	2322	2331	rVB	124535	216753	3.27%	0.229%
38	16.821	2347	2352	2356	rVV	1642337	2316594	34.97%	2.448%
39	16.868	2356	2360	2364	rVV	2337365	3163624	47.76%	3.344%
40	16.921	2364	2369	2373	rVV	1843869	2628055	39.68%	2.778%
41	16.957	2373	2375	2381	rVB	399420	489855	7.40%	0.518%
42	17.027	2382	2387	2392	rBV2	82113	143999	2.17%	0.152%
43	17.245	2420	2424	2437	rVB	146411	261159	3.94%	0.276%
44	17.351	2437	2442	2448	rVV2	91305	169335	2.56%	0.179%
45	17.410	2448	2452	2460	rVB4	102259	189150	2.86%	0.200%
46	17.515	2466	2470	2473	rBV	98122	132652	2.00%	0.140%
47	17.698	2496	2501	2505	rVV	539615	735460	11.10%	0.777%
48	17.751	2505	2510	2518	rVV2	870632	1380599	20.84%	1.459%
49	17.827	2519	2523	2528	rVV2	147972	242750	3.66%	0.257%
50	17.886	2528	2533	2537	rVV2	702232	1143702	17.27%	1.209%
51	17.927	2537	2540	2547	rVB	376998	541476	8.17%	0.572%
52	18.021	2552	2556	2559	rBV4	92119	136877	2.07%	0.145%
53	18.057	2559	2562	2566	rVV3	93187	151333	2.28%	0.160%
54	18.098	2566	2569	2574	rVB3	68810	100063	1.51%	0.106%
55	18.204	2583	2587	2591	rBV	279029	376138	5.68%	0.398%
56	18.251	2591	2595	2601	rVB	415249	570642	8.62%	0.603%
57	18.451	2626	2629	2634	rVB	136707	169073	2.55%	0.179%
58	18.504	2634	2638	2642	rBV	192346	218904	3.30%	0.231%
59	18.545	2642	2645	2650	rVB	155738	184757	2.79%	0.195%
60	18.627	2654	2659	2663	rBV	420683	686688	10.37%	0.726%
61	18.692	2663	2670	2673	rBV6	224377	459510	6.94%	0.486%
62	18.768	2678	2683	2690	rBV2	337739	630018	9.51%	0.666%
63	18.892	2698	2704	2711	rVB	5087920	6623759	100.00%	7.001%
64	18.957	2713	2715	2718	rVV2	84220	96180	1.45%	0.102%
65	18.992	2718	2721	2725	rVB	143550	170671	2.58%	0.180%
66	19.039	2725	2729	2733	rBV	281422	355954	5.37%	0.376%
67	19.098	2736	2739	2742	rVV2	119515	166139	2.51%	0.176%
68	19.127	2742	2744	2749	rVB	111135	149877	2.26%	0.158%
69	19.227	2755	2761	2763	rBV	2588098	3828003	57.79%	4.046%
70	19.251	2763	2765	2775	rVV	4112128	4832540	72.96%	5.107%
71	19.333	2775	2779	2785	rVB2	269543	440605	6.65%	0.466%
72	19.439	2793	2797	2803	rVB	188840	270768	4.09%	0.286%
73	19.498	2803	2807	2813	rVB2	184683	312931	4.72%	0.331%
74	19.586	2816	2822	2831	rBV4	366314	936550	14.14%	0.990%
75	19.721	2840	2845	2847	rBV3	357538	564945	8.53%	0.597%
76	19.757	2847	2851	2854	rVV	655603	888304	13.41%	0.939%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

77	19.856	2864	2868	2872	rBV2	398237	482541	7.29%	0.510%
78	19.909	2872	2877	2882	rVB2	545888	822132	12.41%	0.869%
79	19.998	2889	2892	2896	rBV2	73380	118866	1.79%	0.126%
80	20.051	2897	2901	2905	rVV	310591	375622	5.67%	0.397%
81	20.098	2905	2909	2913	rVV	311718	413695	6.25%	0.437%
82	20.504	2975	2978	2985	rVB	479042	675644	10.20%	0.714%
83	20.668	3001	3006	3010	rBV2	410404	636162	9.60%	0.672%
84	20.709	3010	3013	3016	rVV	381384	444584	6.71%	0.470%
85	20.751	3016	3020	3025	rVV3	695388	1165537	17.60%	1.232%
86	20.803	3026	3029	3036	rVB	491904	637560	9.63%	0.674%
87	21.027	3061	3067	3072	rBV2	2383043	5609127	84.68%	5.928%
88	21.074	3072	3075	3087	rVB	2112882	3119883	47.10%	3.297%
89	21.215	3095	3099	3104	rBV3	157109	349852	5.28%	0.370%
90	21.668	3173	3176	3180	rVB	432234	558399	8.43%	0.590%
91	21.733	3183	3187	3196	rVV4	316708	682646	10.31%	0.721%
92	21.898	3212	3215	3218	rVB2	174376	203443	3.07%	0.215%
93	22.303	3281	3284	3294	rVB	365345	613546	9.26%	0.648%
94	22.897	3378	3385	3391	rBV	1328209	3604565	54.42%	3.810%
95	23.109	3417	3421	3429	rVB	241626	450944	6.81%	0.477%
96	23.492	3481	3486	3491	rBV	309436	645940	9.75%	0.683%
97	23.556	3491	3497	3502	rVV2	730321	1564376	23.62%	1.653%
98	23.615	3502	3507	3517	rVB	723190	1555517	23.48%	1.644%
99	23.739	3521	3528	3535	rVB	866672	1954468	29.51%	2.066%
100	26.721	4028	4035	4053	rVB3	389262	1555667	23.49%	1.644%

Sum of corrected areas: 94617837

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
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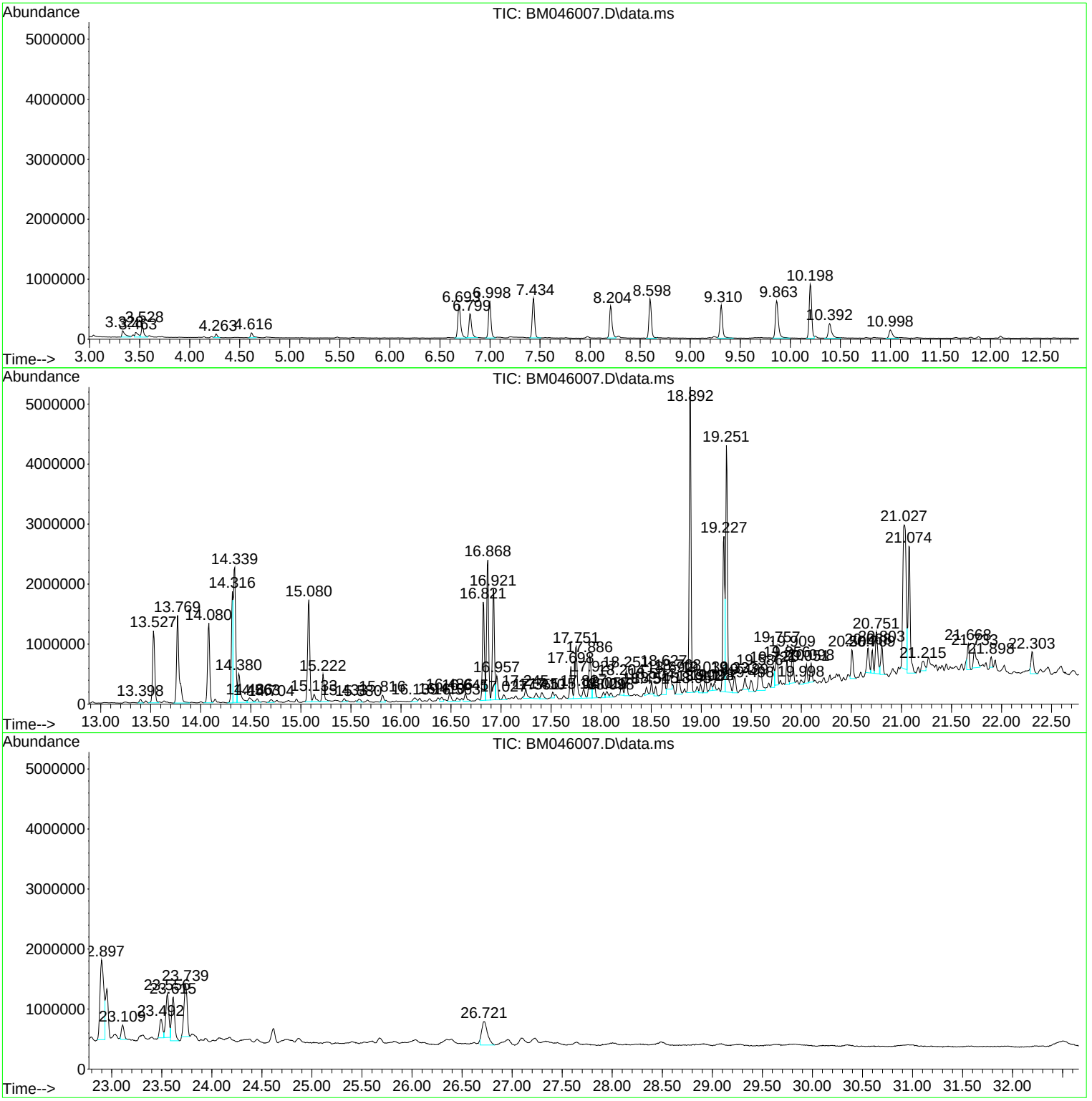
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

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 : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

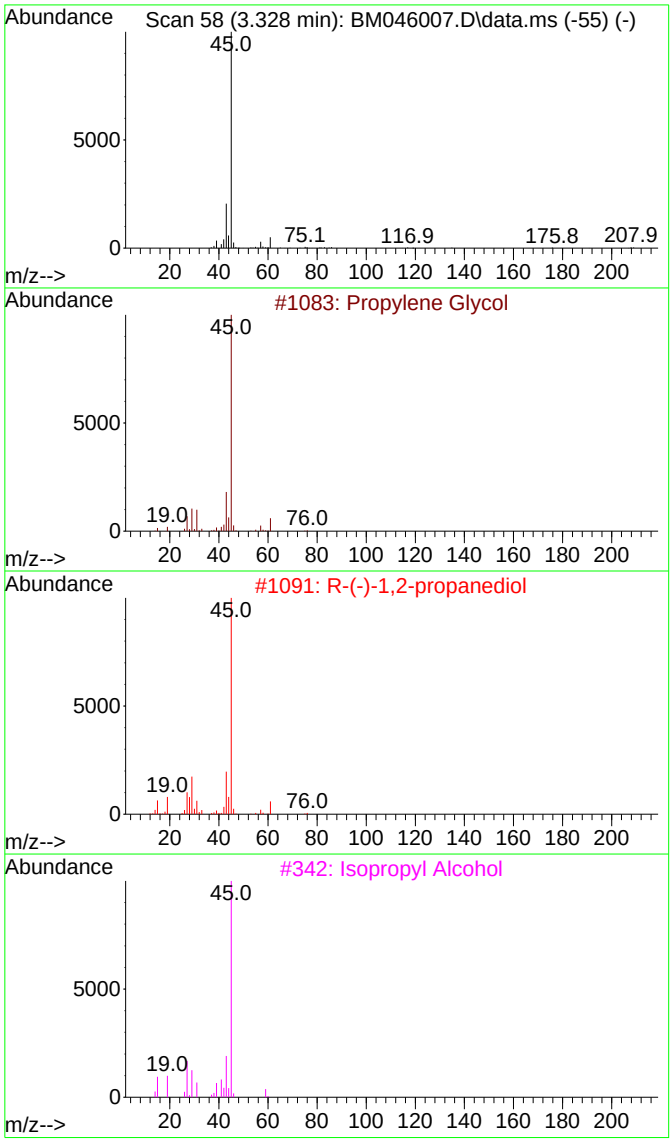
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

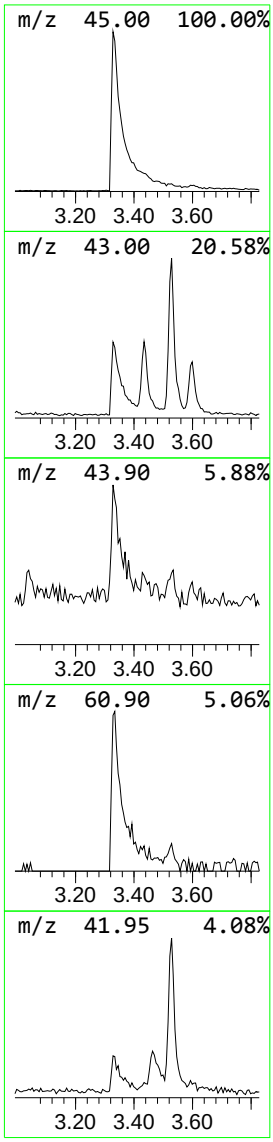
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.328	4.40 ng/ul	237344	1,4-Dichlorobenzene-d4	7.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propylene Glycol	76	C3H8O2	000057-55-6	56
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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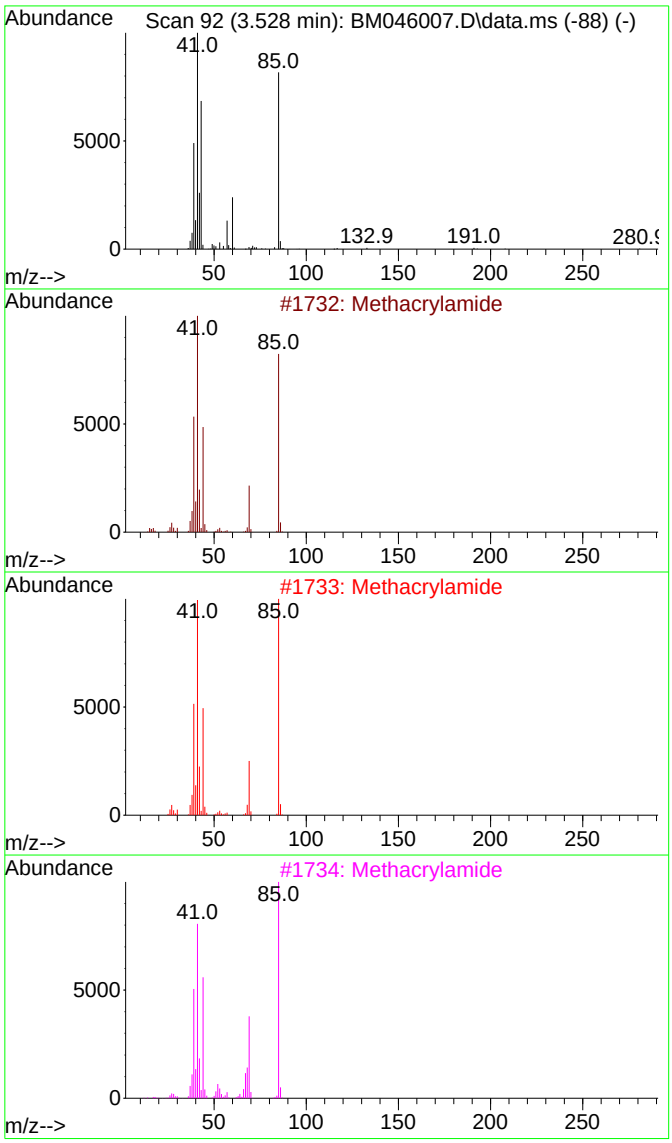
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

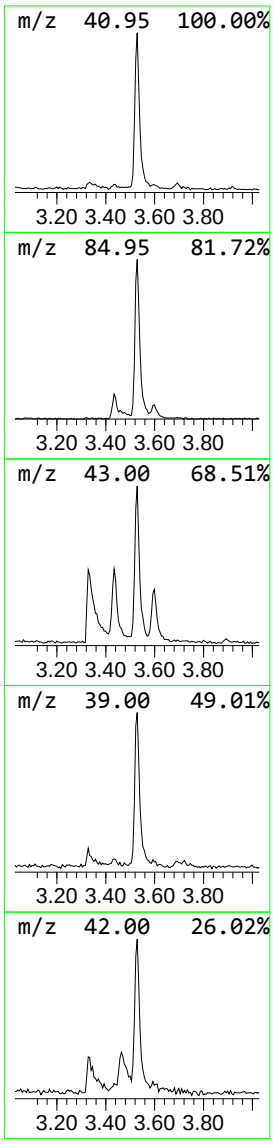
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methacrylamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.528	5.78 ng/ul	311464	1,4-Dichlorobenzene-d4	7.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	59
2	Methacrylamide	85	C4H7NO	000079-39-0	59
3	Methacrylamide	85	C4H7NO	000079-39-0	53
4	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	40
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
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Sample : P2659-10
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ALS Vial : 7 Sample Multiplier: 1

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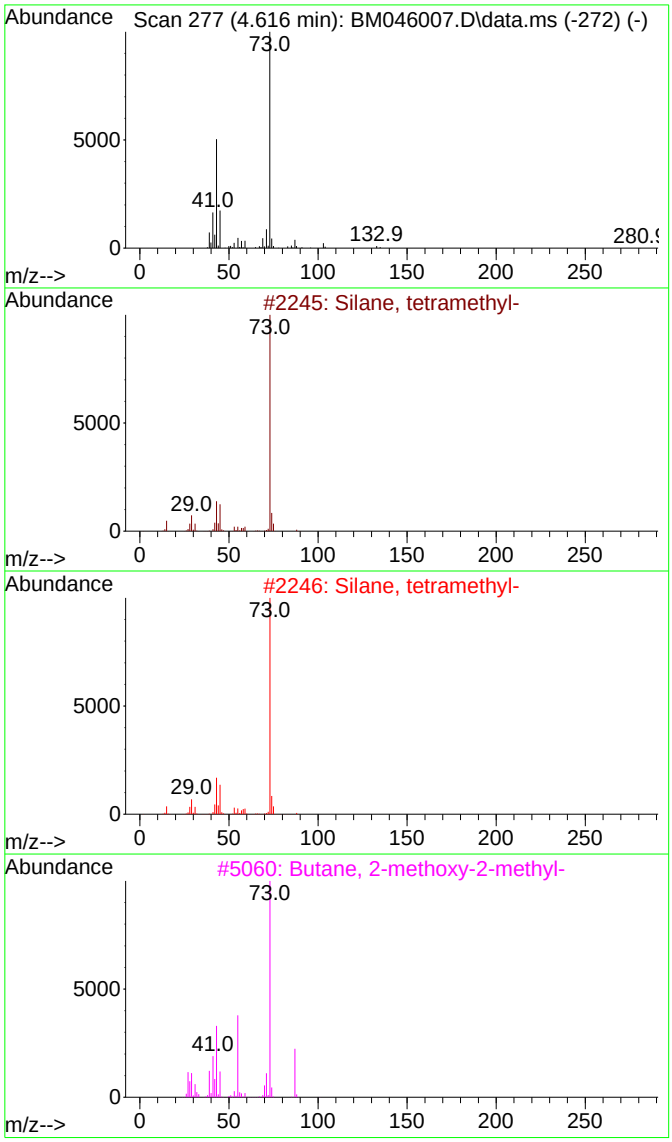
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

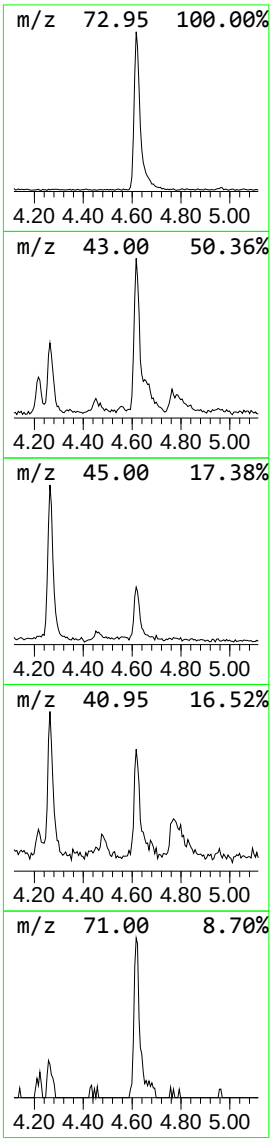
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.616	2.73 ng/ul	146900	1,4-Dichlorobenzene-d4	7.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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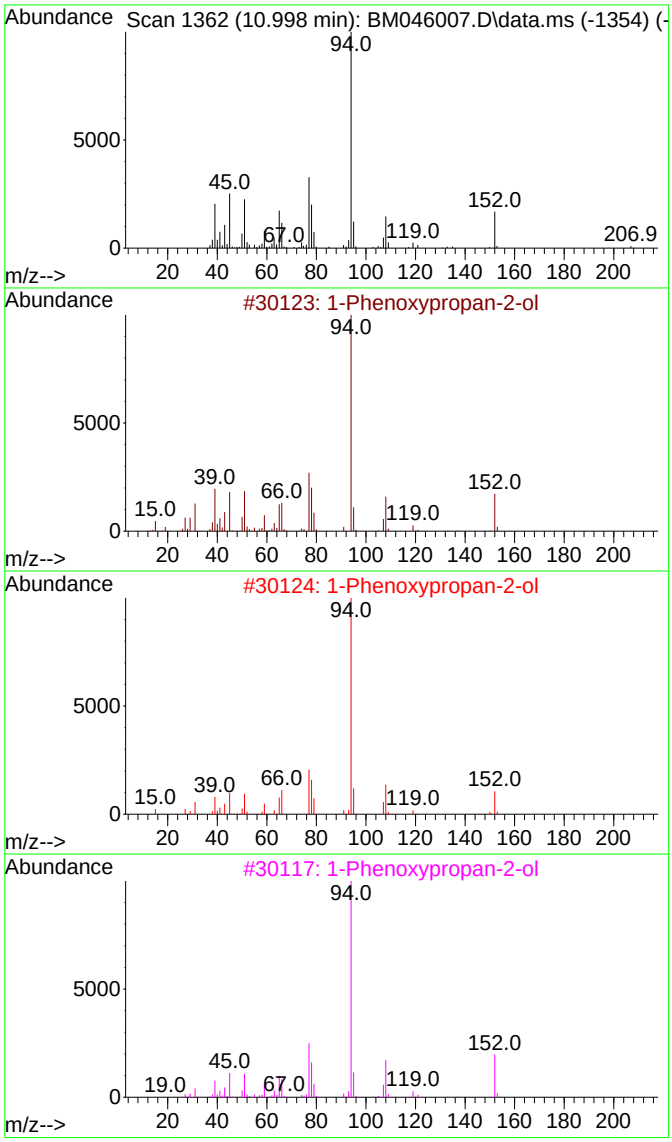
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

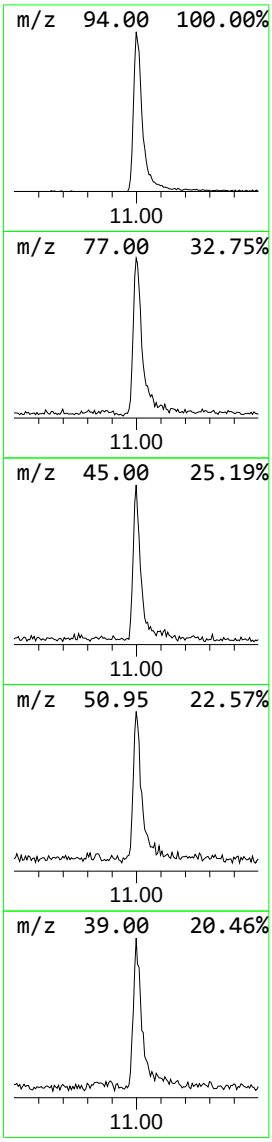
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	4.47 ng/ul	347340	Naphthalene-d8	10.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	76
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

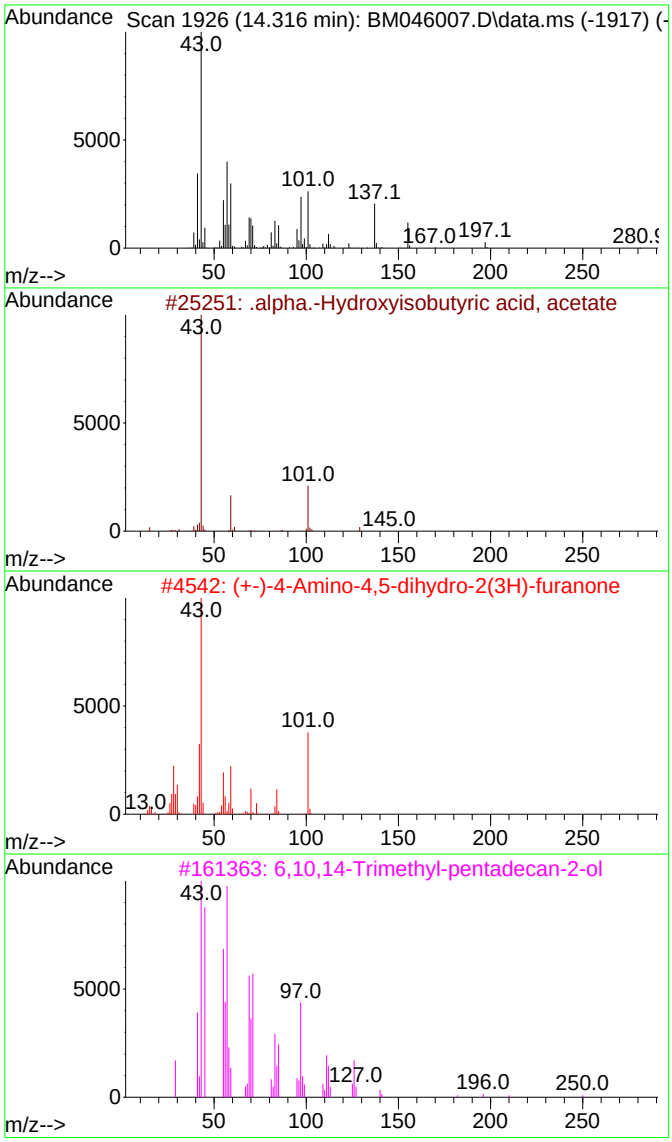
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

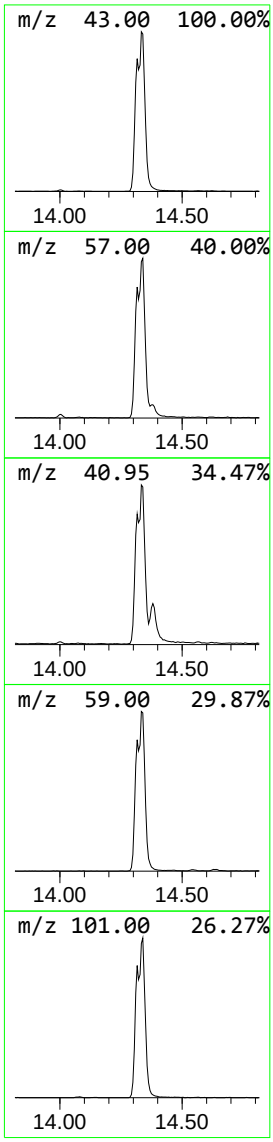
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	22.74 ng/ul	2193140	Acenaphthene-d10	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	22
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	22
3	6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	069729-17-5	12
4	3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	12
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	12





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

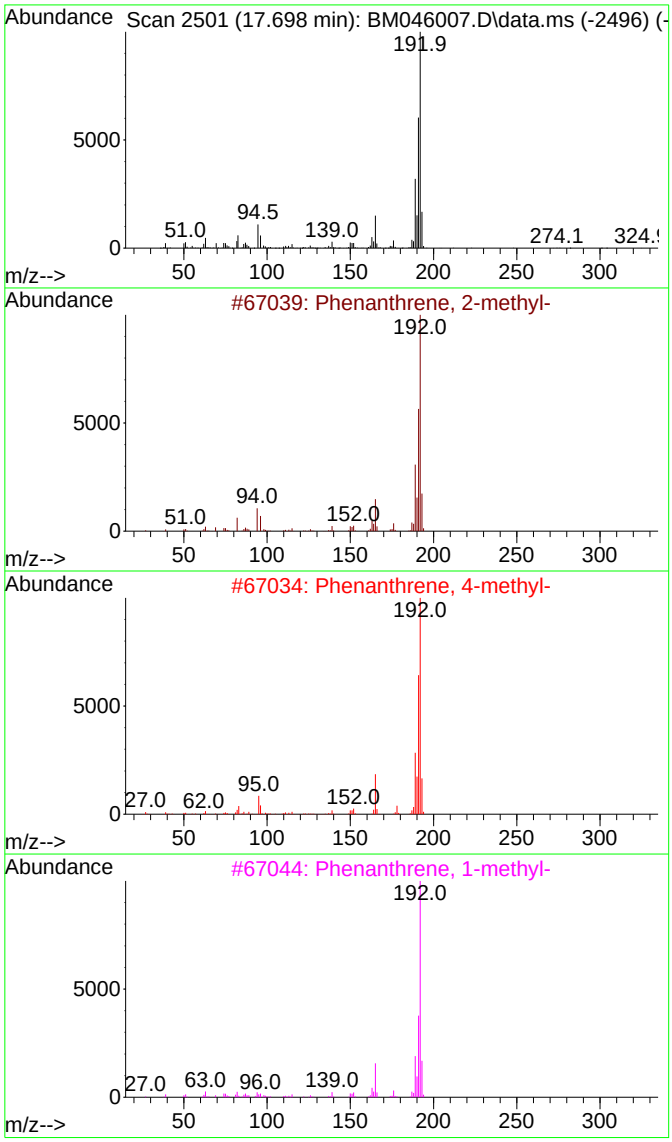
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

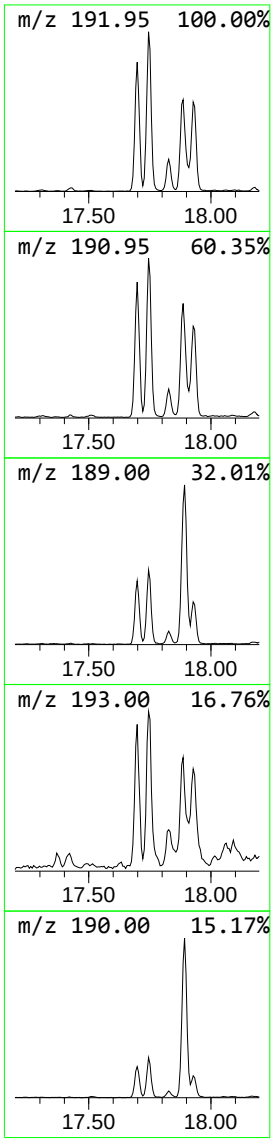
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	6.35 ng/ul	735460	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, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

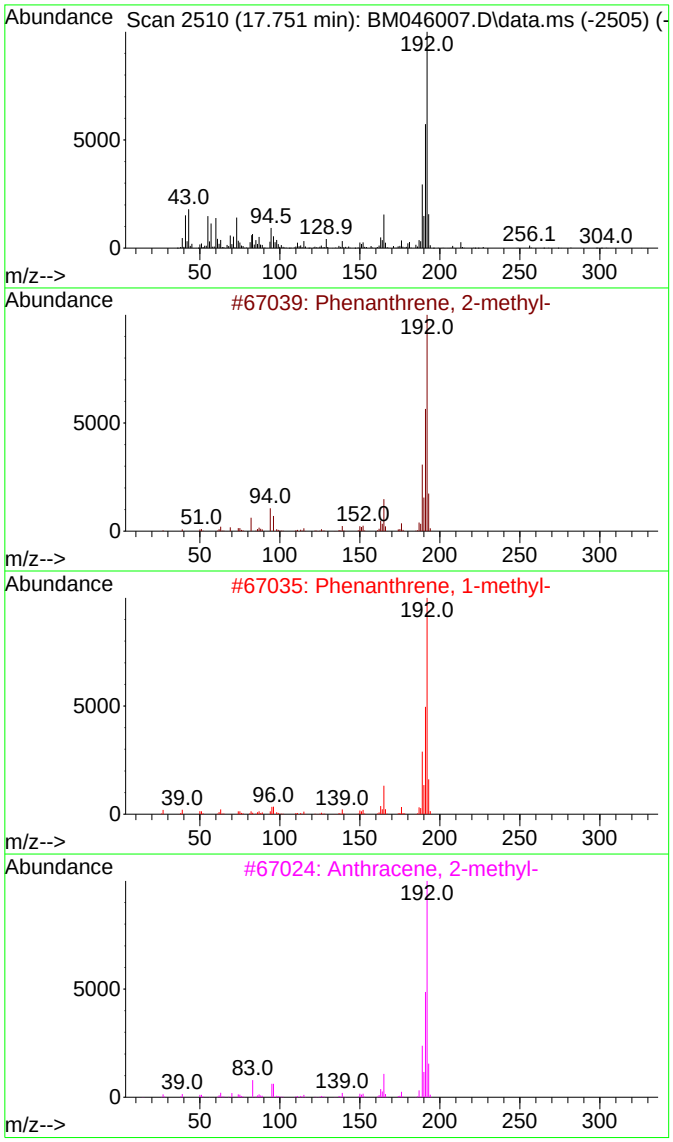
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

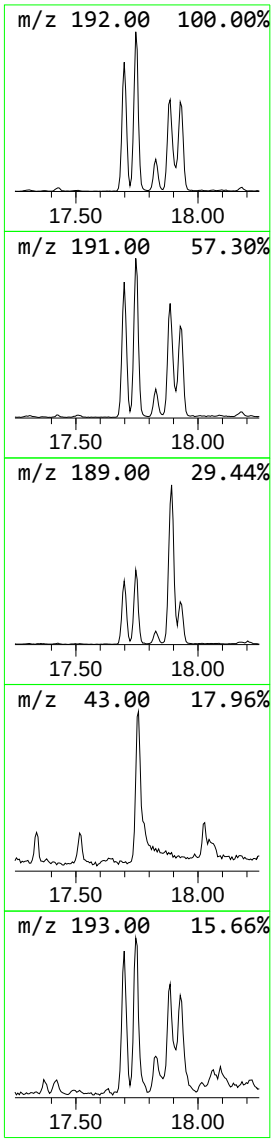
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	11.92 ng/ul	1380600	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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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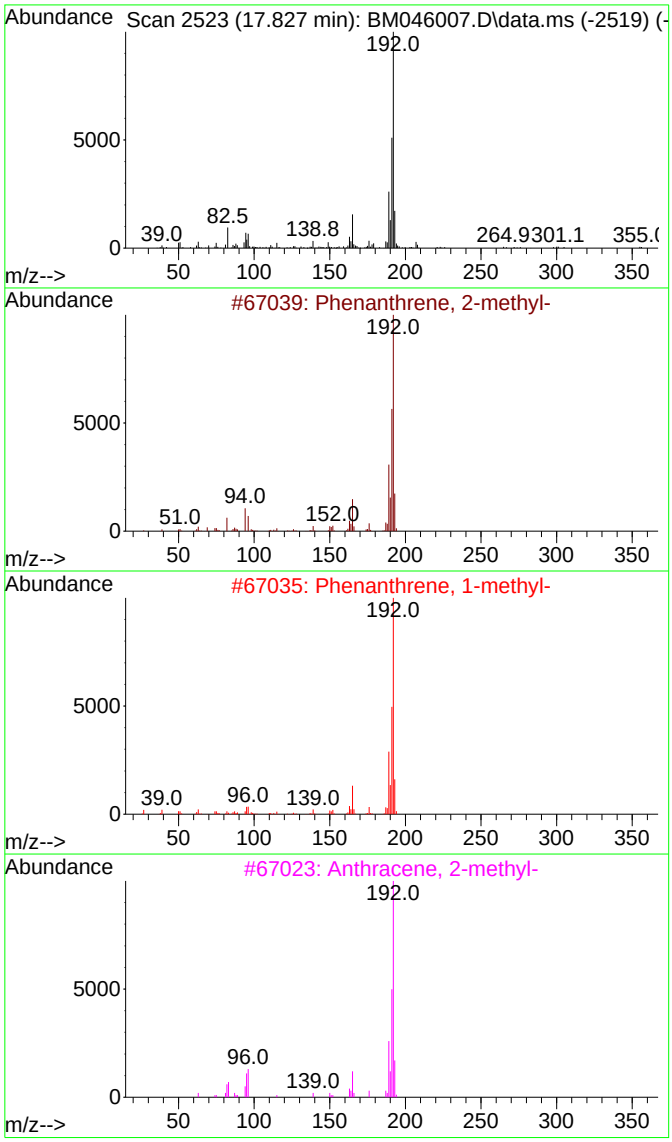
Quant Title : SVOA CALIBRATION

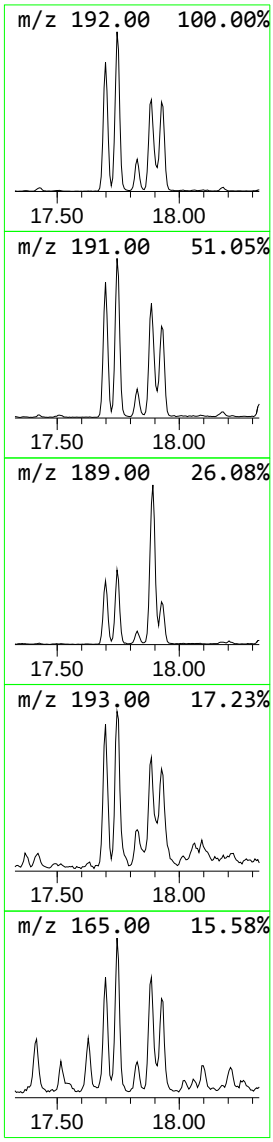
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	2.10 ng/ul	242750	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

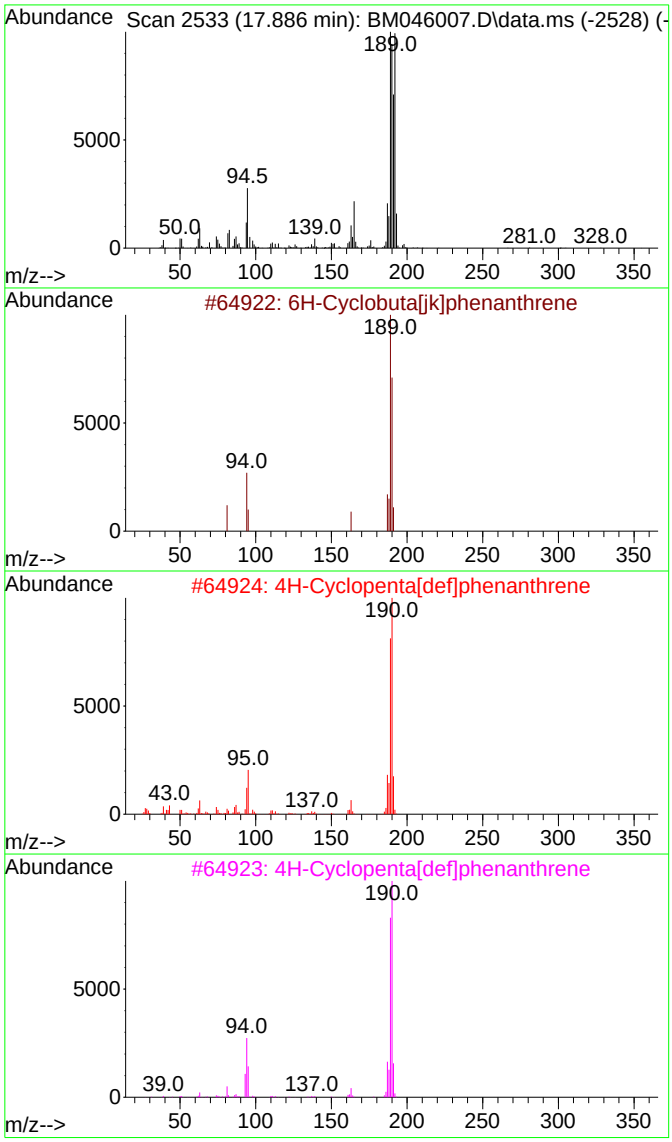
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

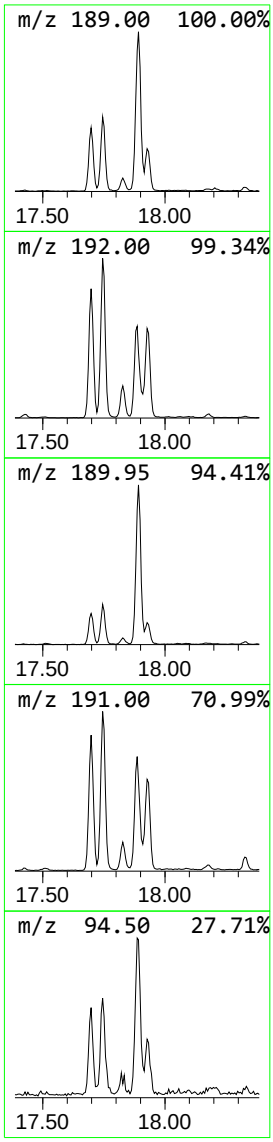
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 6H-Cyclobuta[jk]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	9.87 ng/ul	1143700	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46





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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

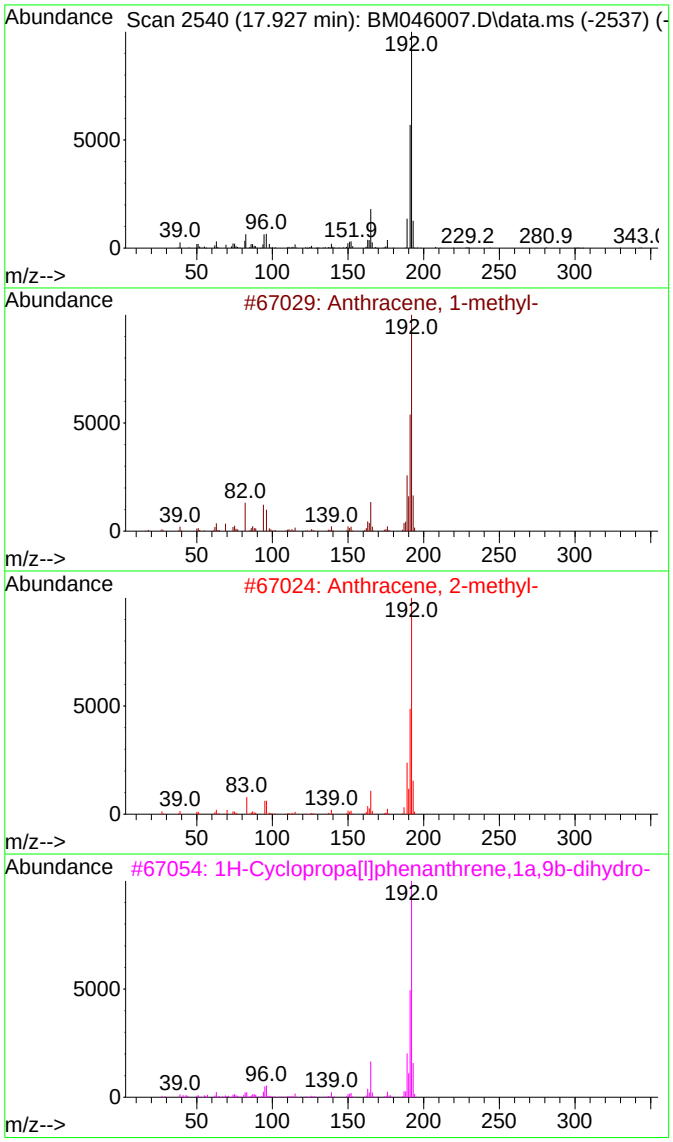
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

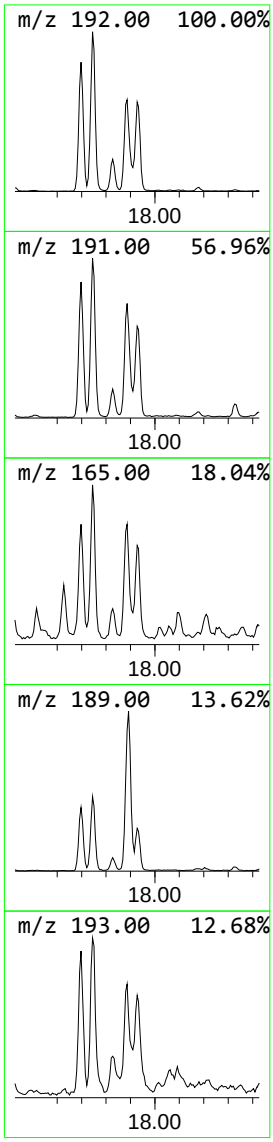
****

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	4.67 ng/ul	541476	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

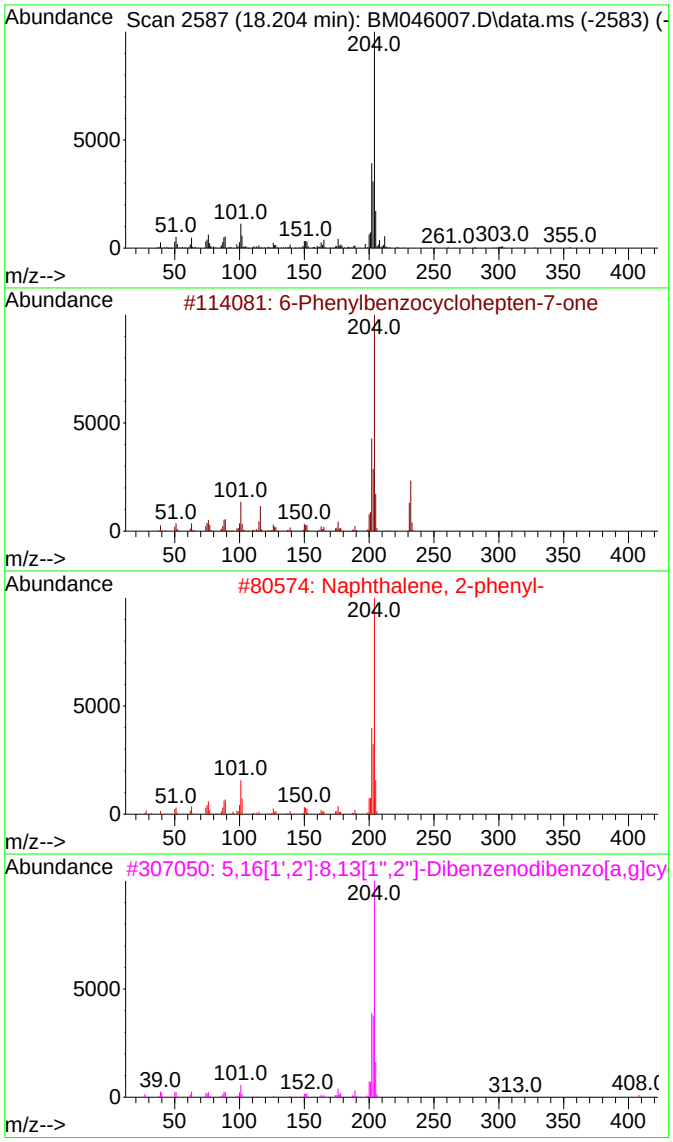
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

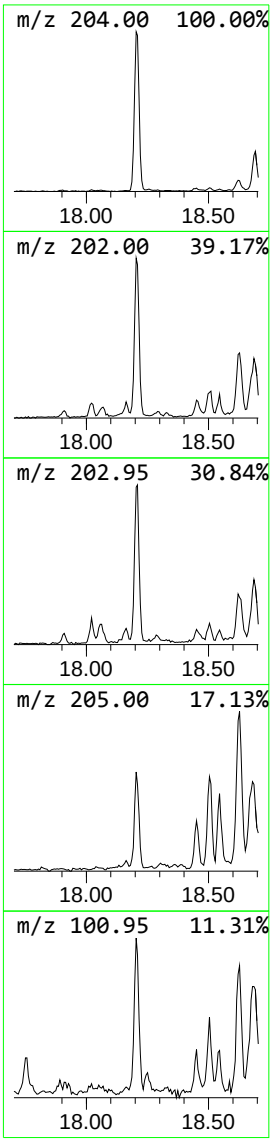
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 6-Phenylbenzocyclohepten-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.25 ng/ul	376138	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	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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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 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

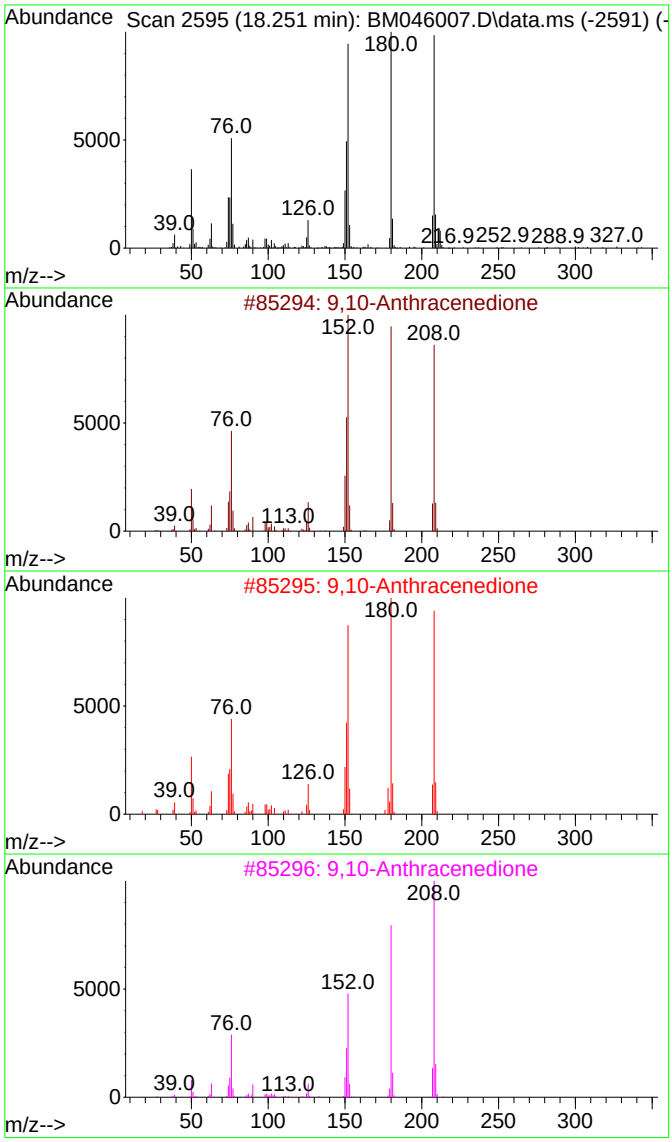
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

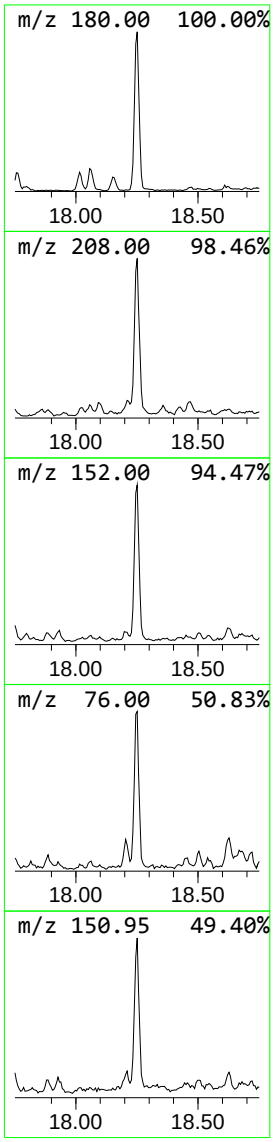
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	4.93 ng/ul	570642	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	99
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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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

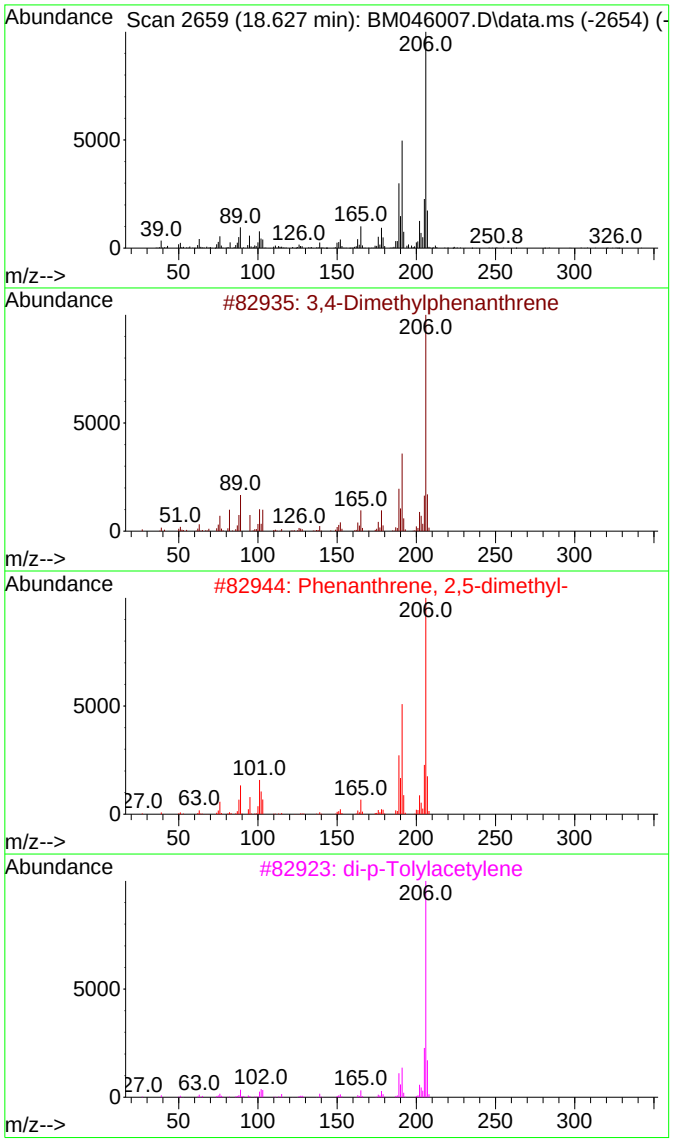
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

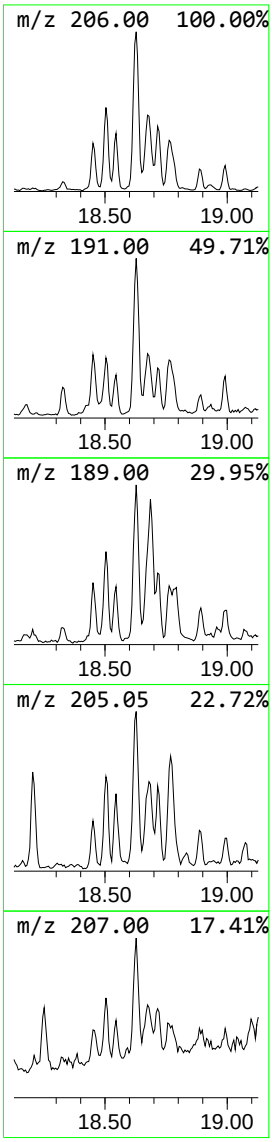
****

Peak Number 13 3,4-Dimethylphenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	5.93 ng/ul	686688	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

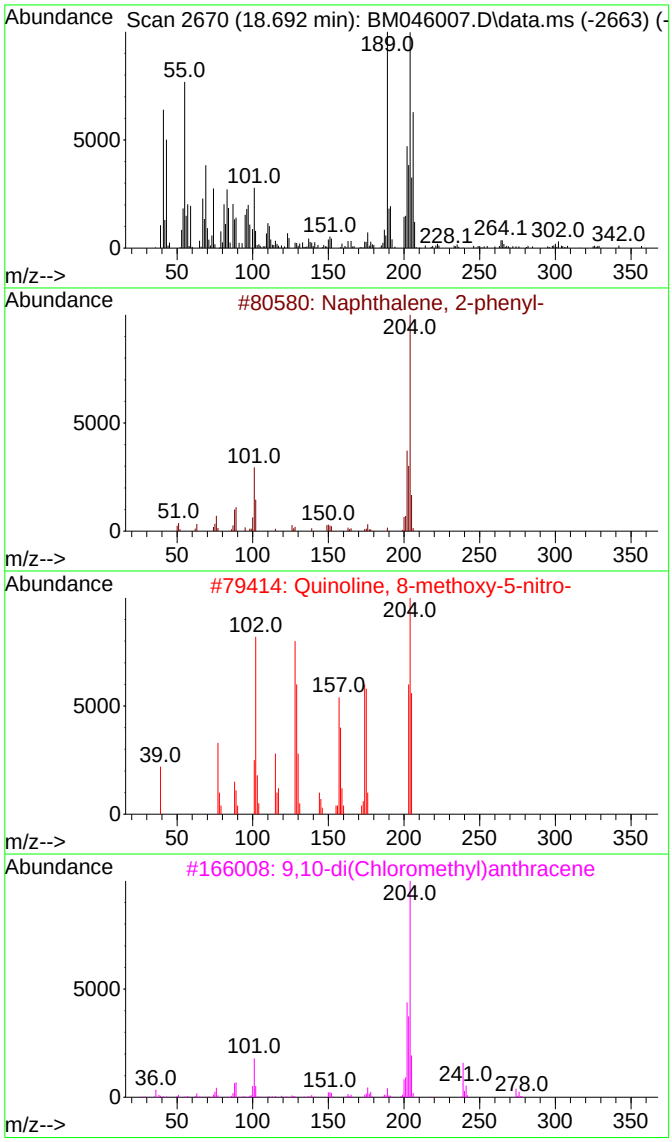
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

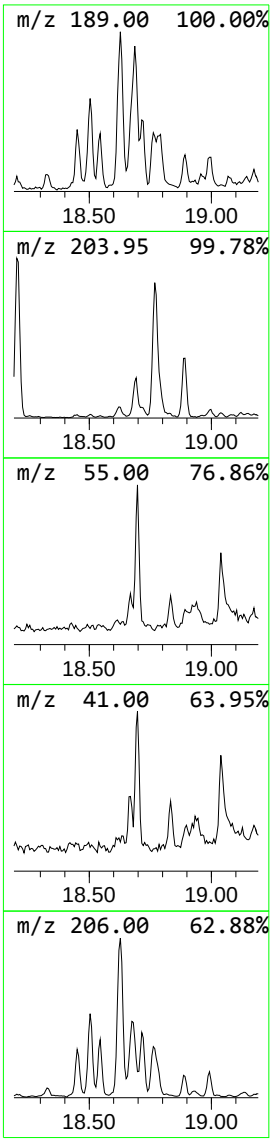
****

Peak Number 14 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	3.97 ng/ul	459510	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	42
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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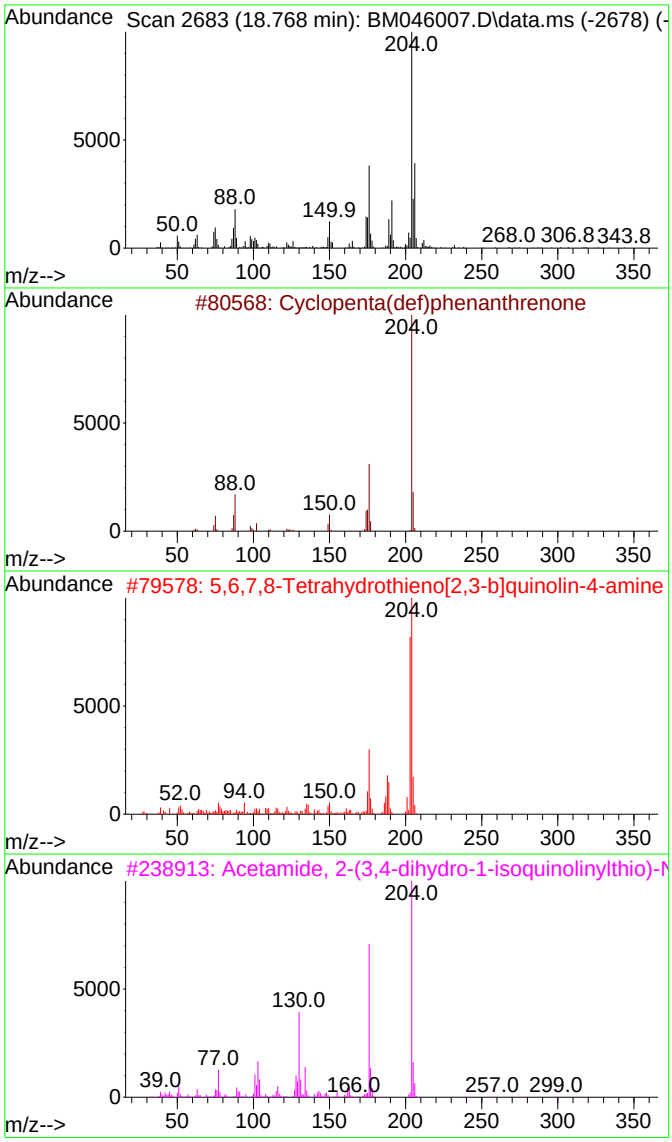
Quant Title : SVOA CALIBRATION

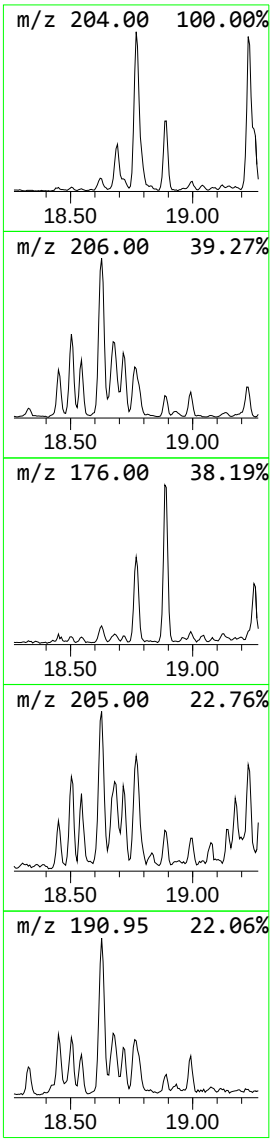
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.768	5.44 ng/ul	630018	Phenanthrene-d10	16.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	52
3	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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ALS Vial : 7 Sample Multiplier: 1

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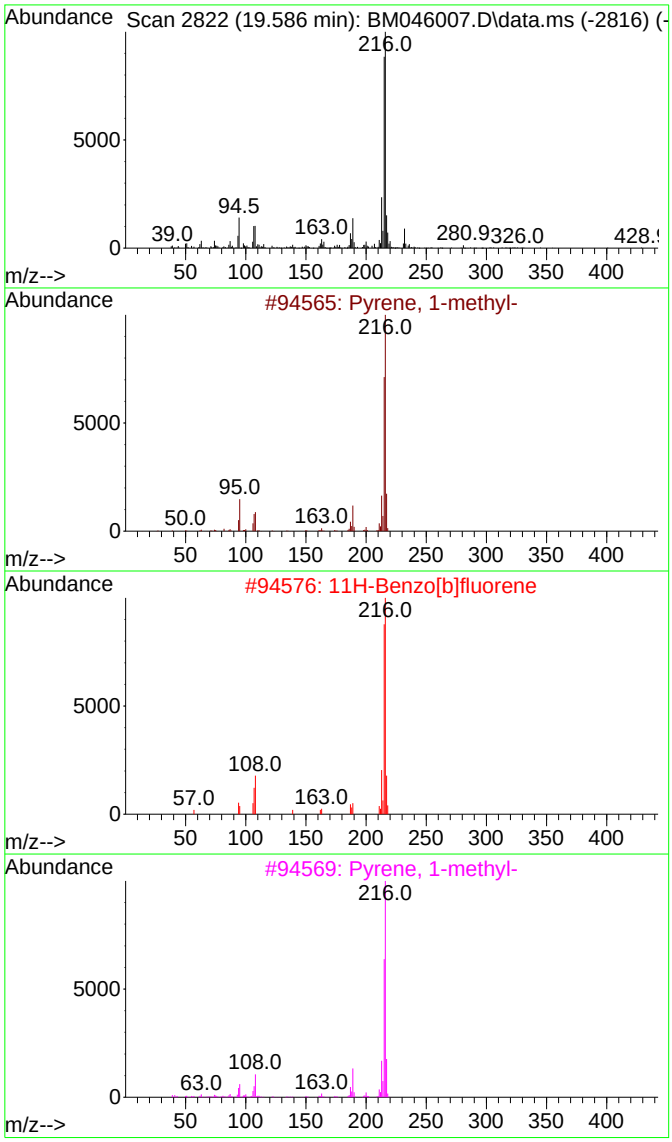
Quant Title : SVOA CALIBRATION

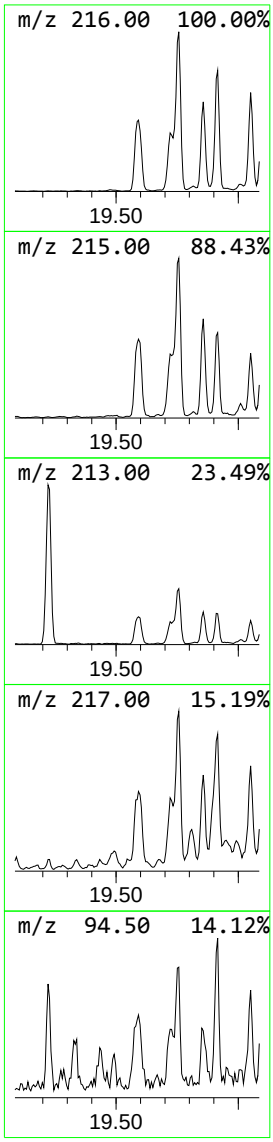
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.586	3.34 ng/ul	936550	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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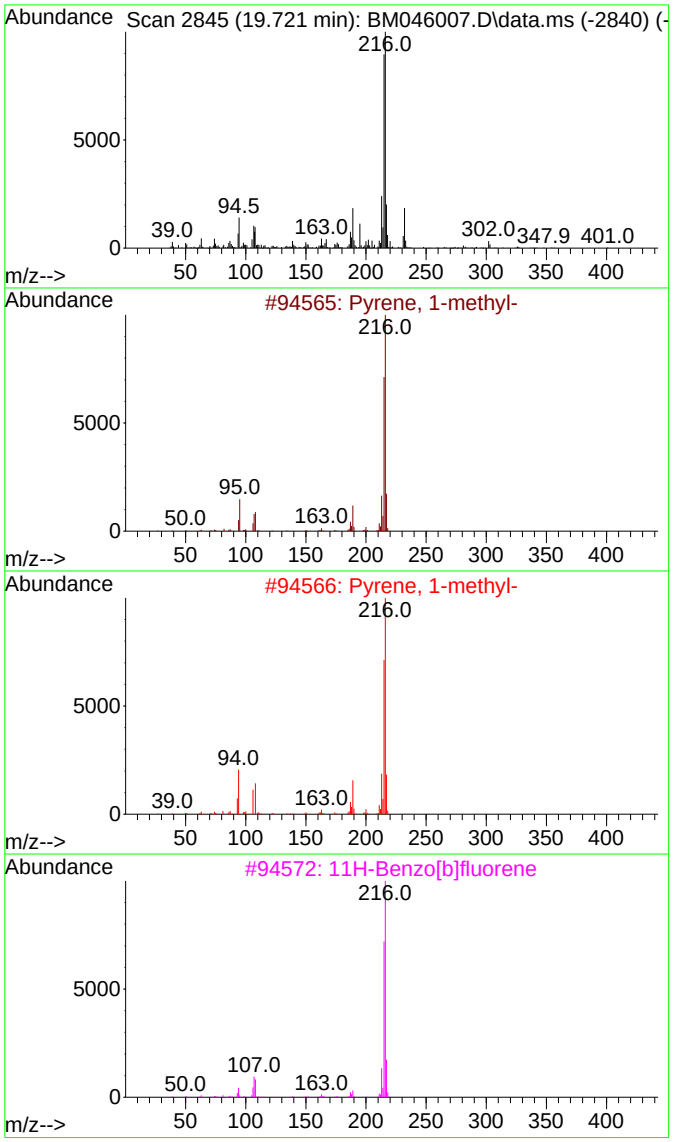
Quant Title : SVOA CALIBRATION

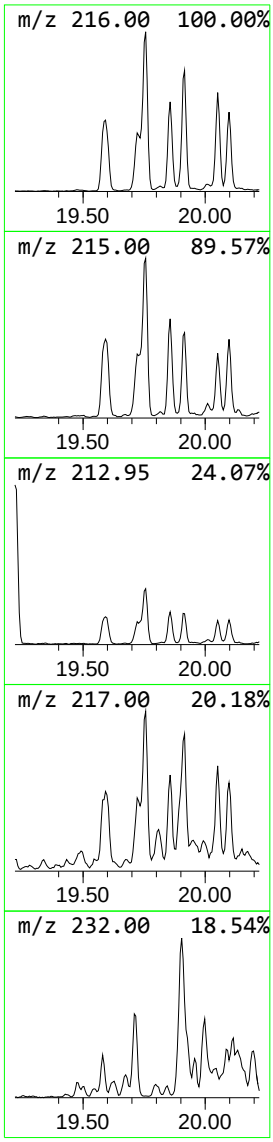
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.01 ng/ul	564945	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

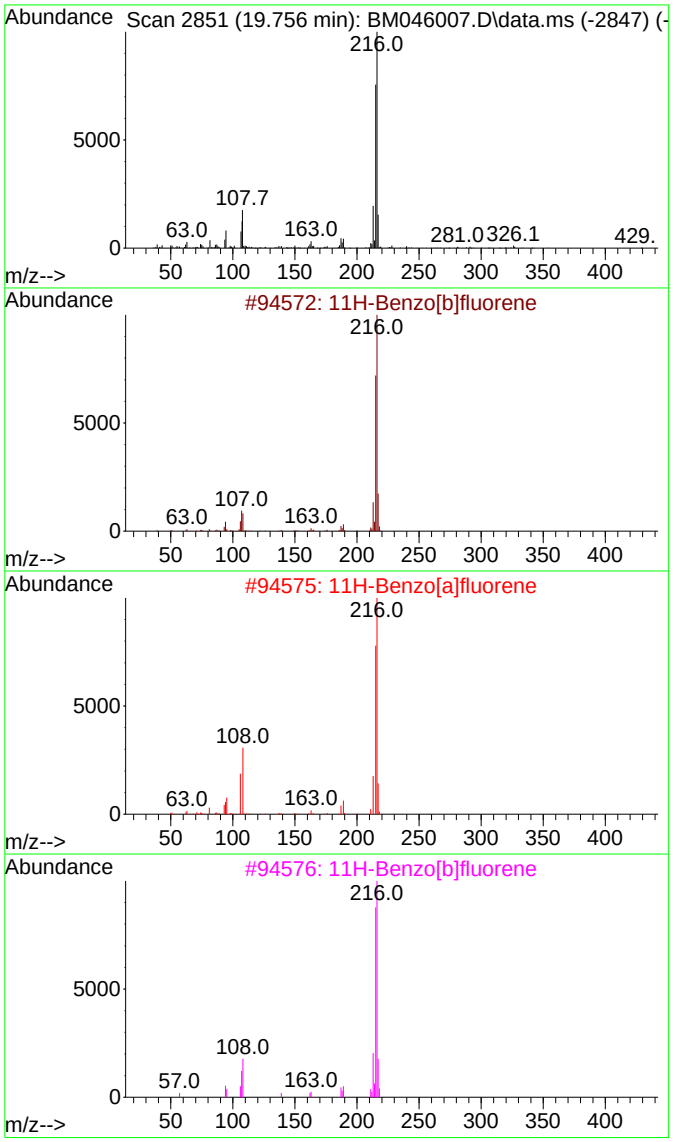
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

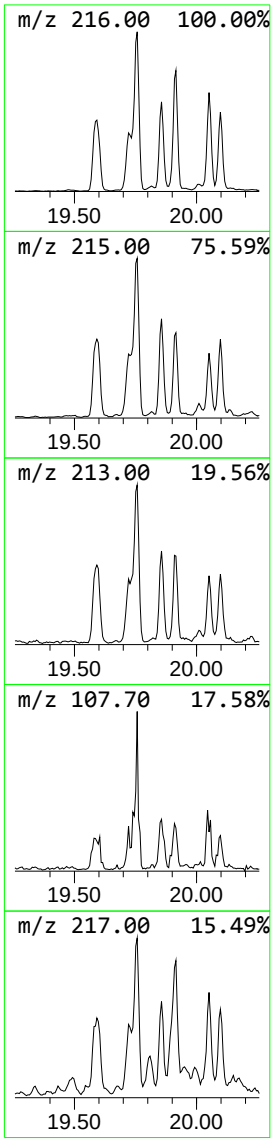
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.756	3.17 ng/ul	888304	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

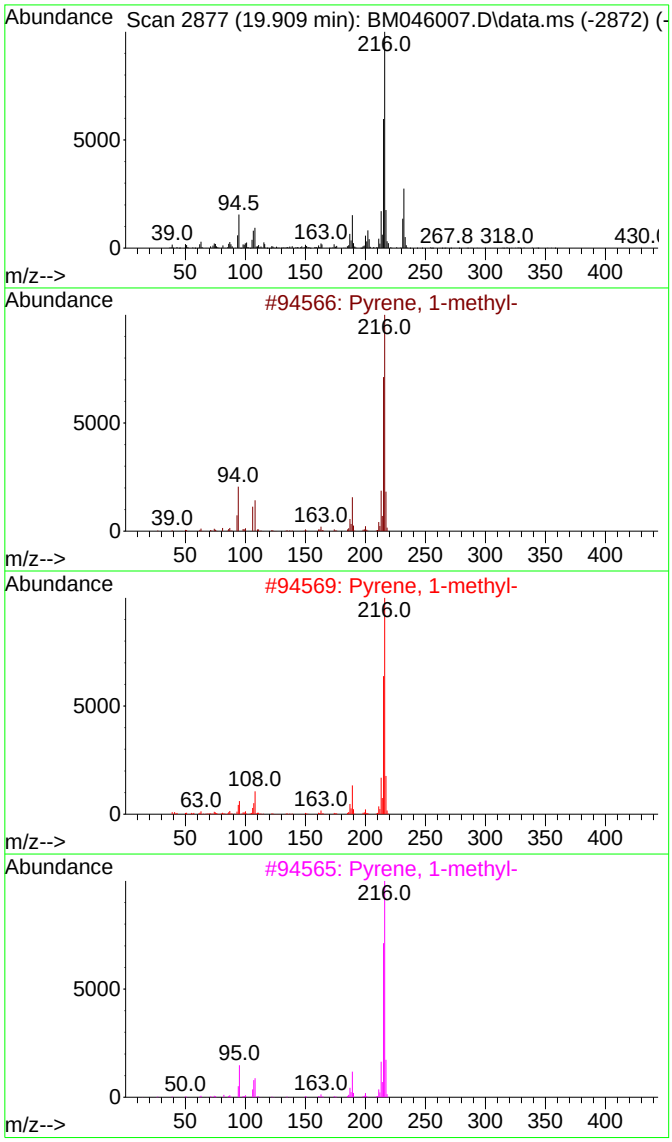
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

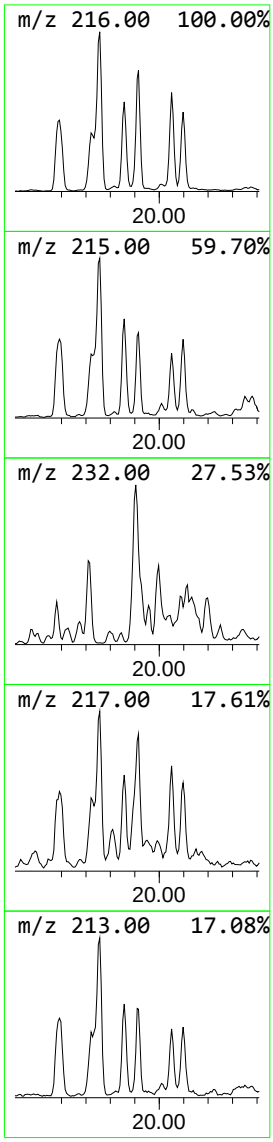
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.909	2.93 ng/ul	822132	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Acq On : 12 Jun 2024 21:57
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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

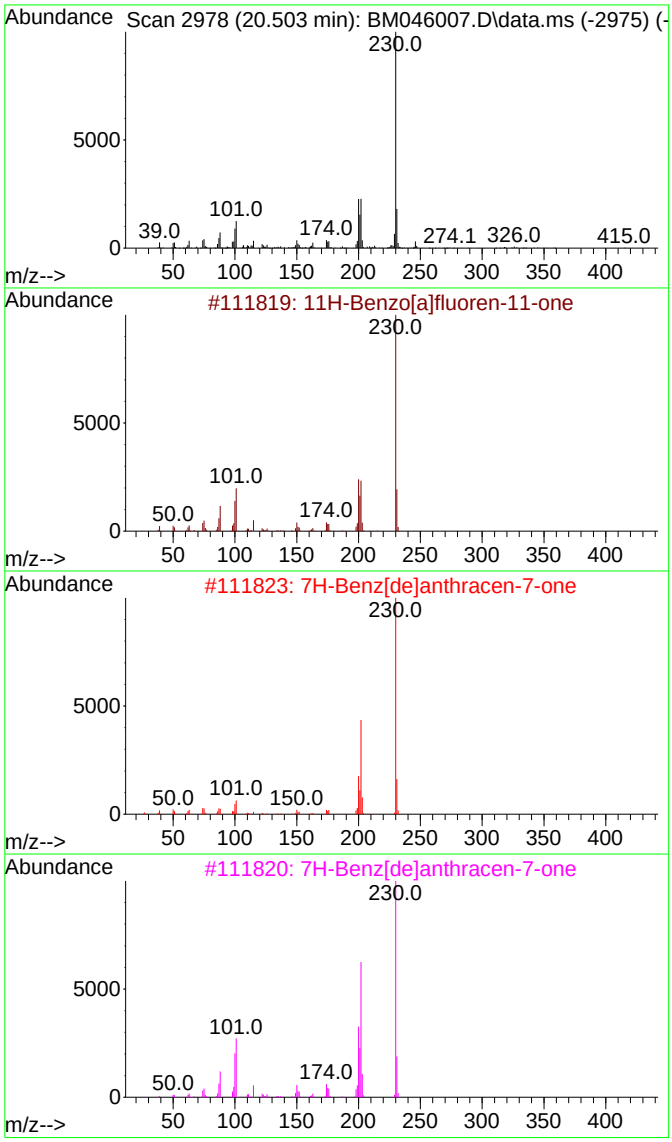
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

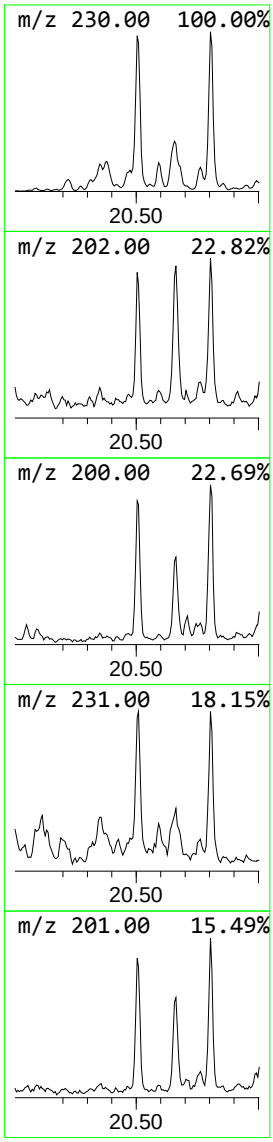
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.503	2.41 ng/ul	675644	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

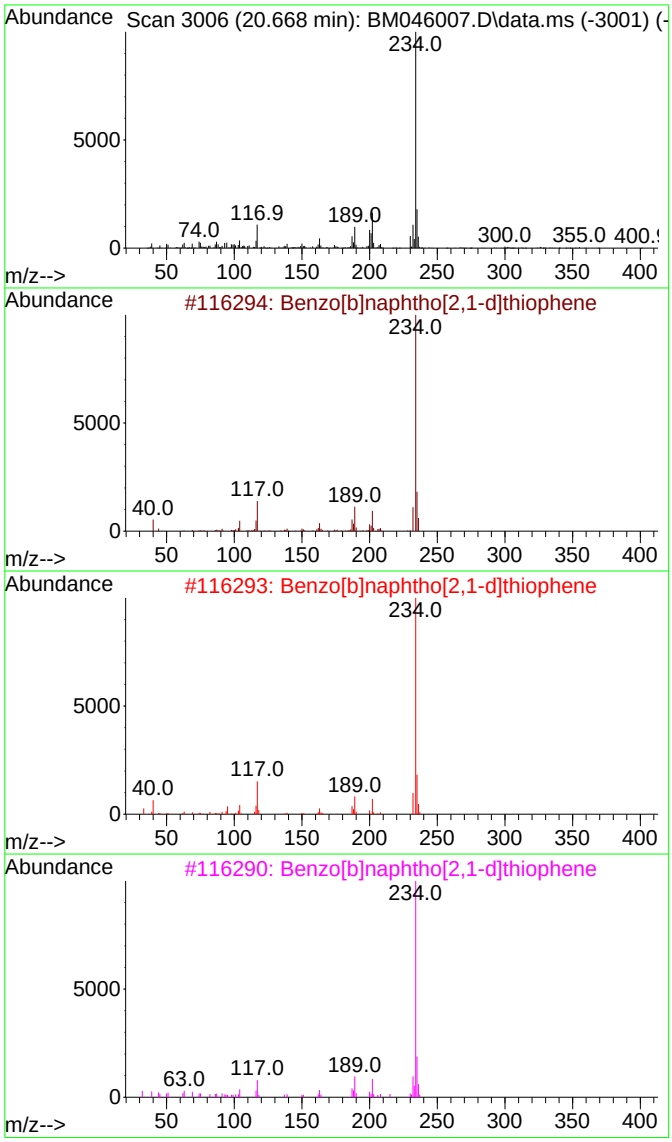
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

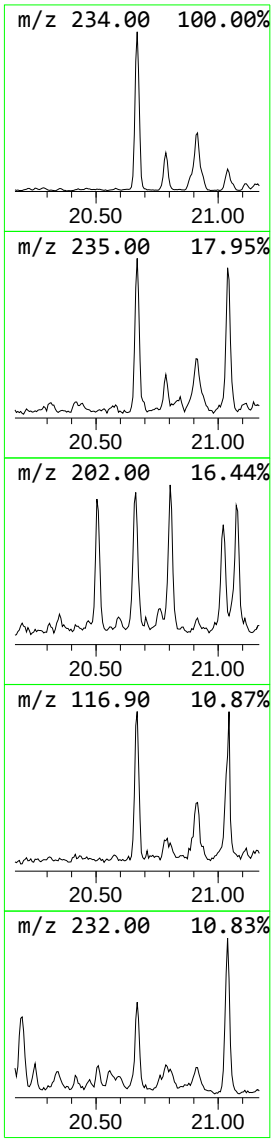
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.668	2.27 ng/ul	636162	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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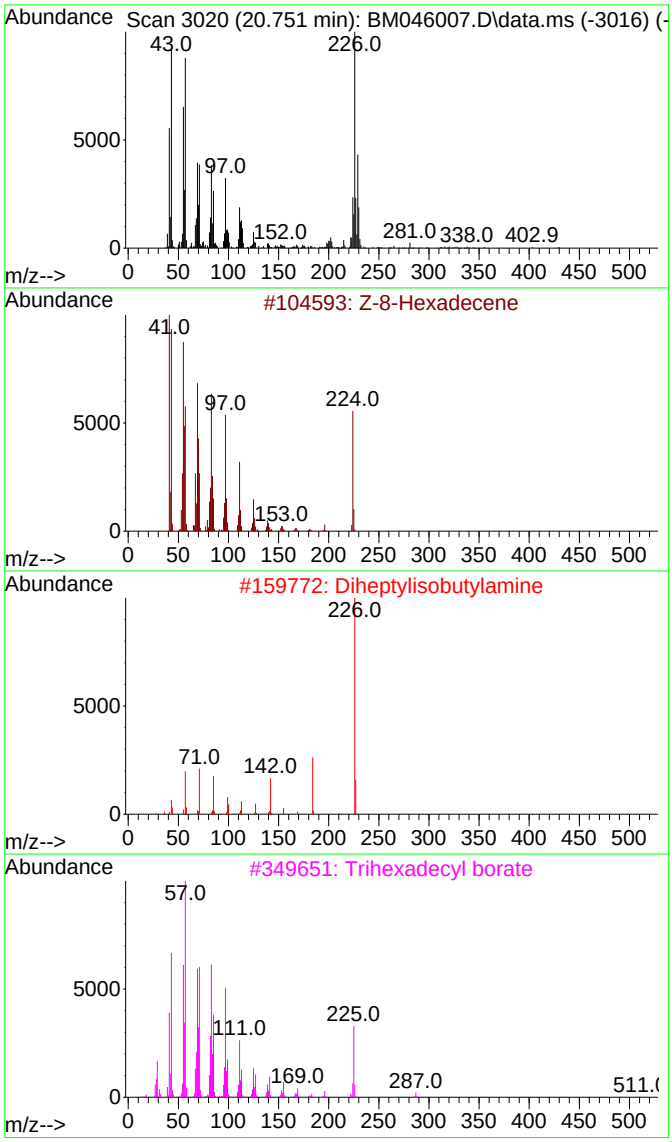
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

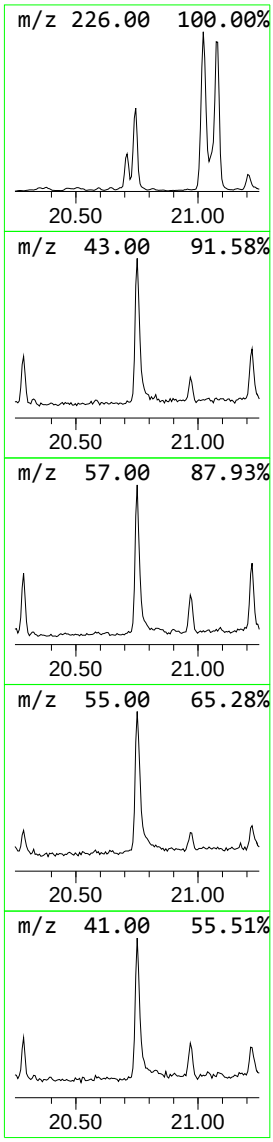
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.751	4.16 ng/ul	1165540	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	48
2	Diheptylisobutylamine	269	C18H39N	1000310-32-0	38
3	Trihexadecyl borate	735	C48H99BO3	002665-11-4	38
4	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30
5	Carbonic acid, but-2-yn-1-yl hep...	352	C22H40O3	1000383-21-2	27





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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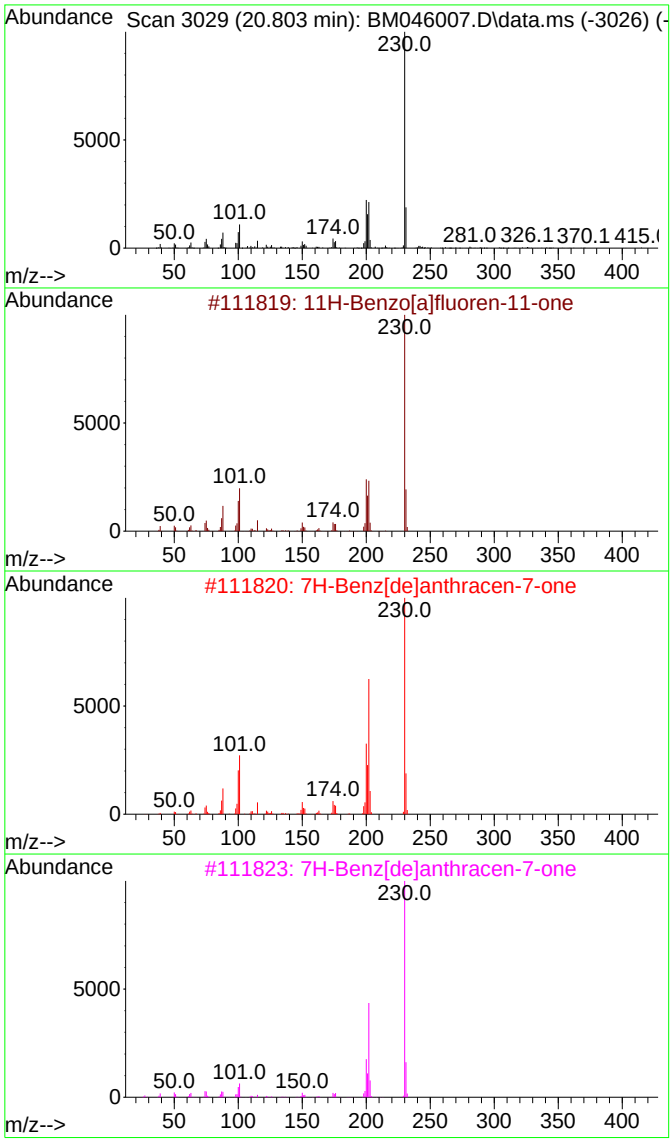
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

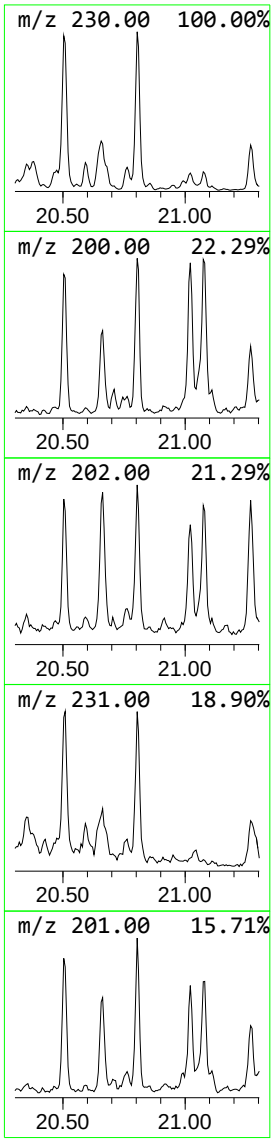
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 7H-Benz[de]anthracen-7-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	2.27 ng/ul	637560	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76





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Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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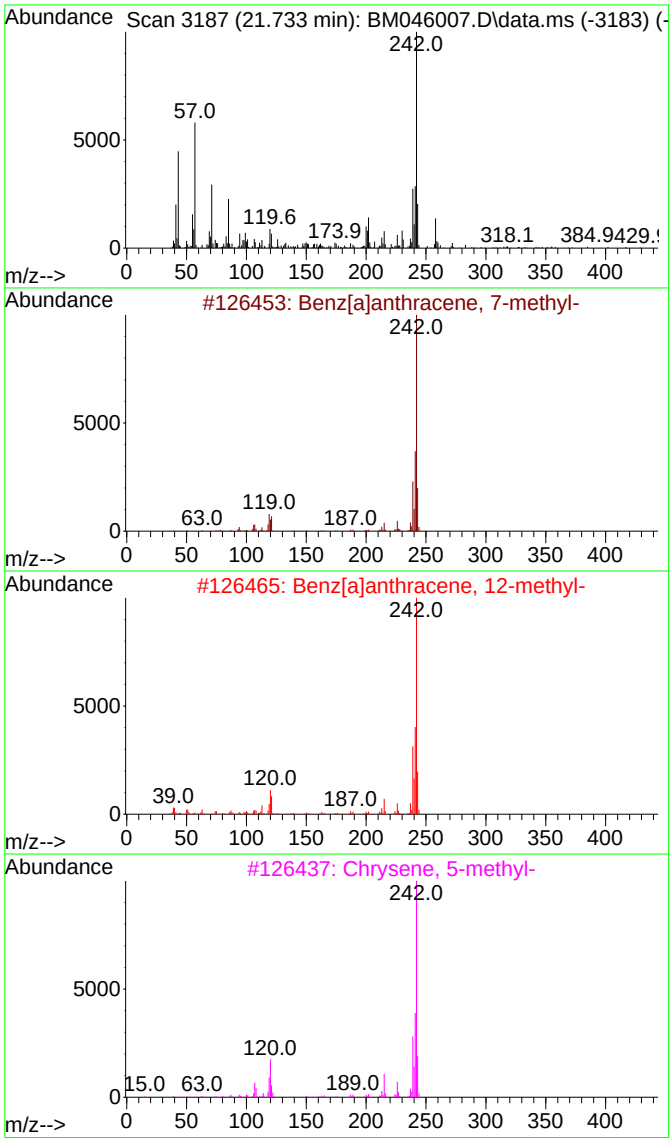
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

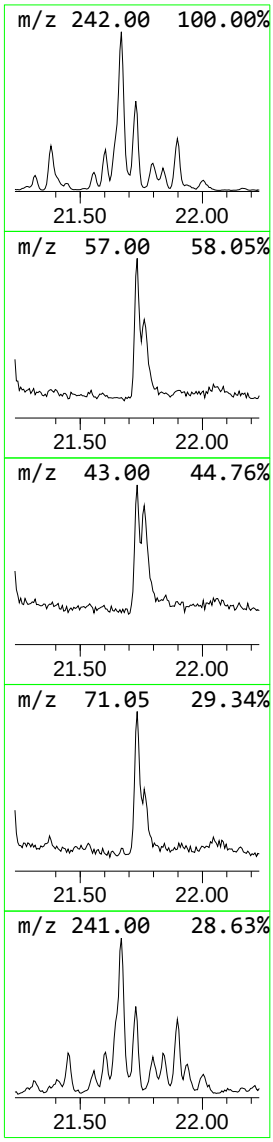
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benz[a]anthracene, 7-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.733	2.43 ng/ul	682646	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	92
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	78
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	64
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	64





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Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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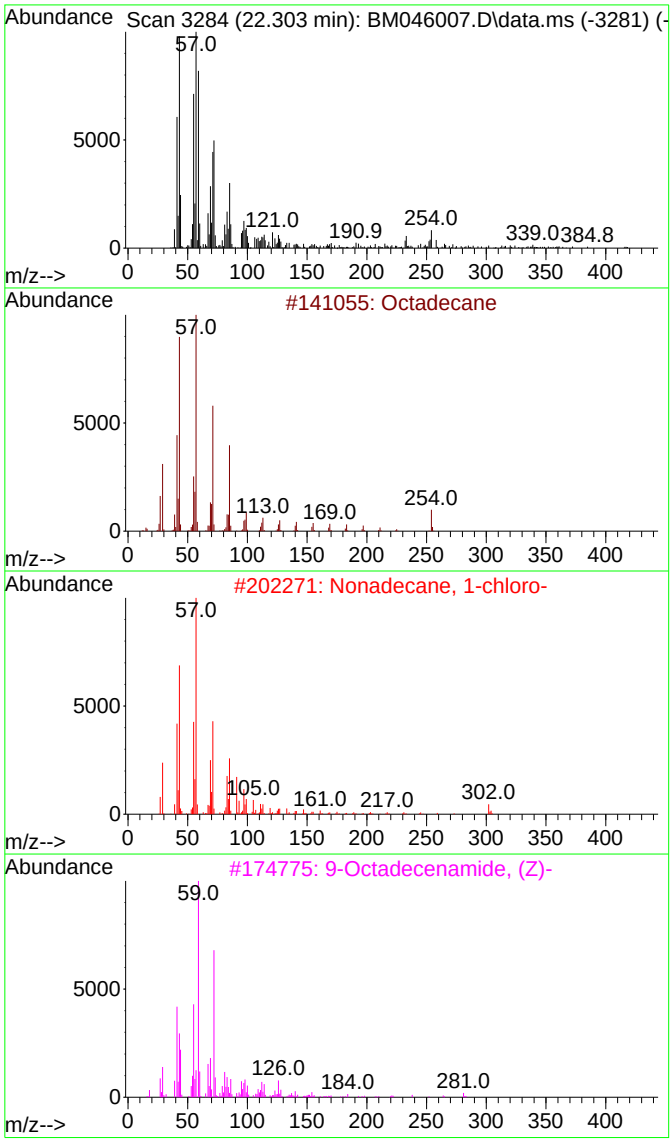
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

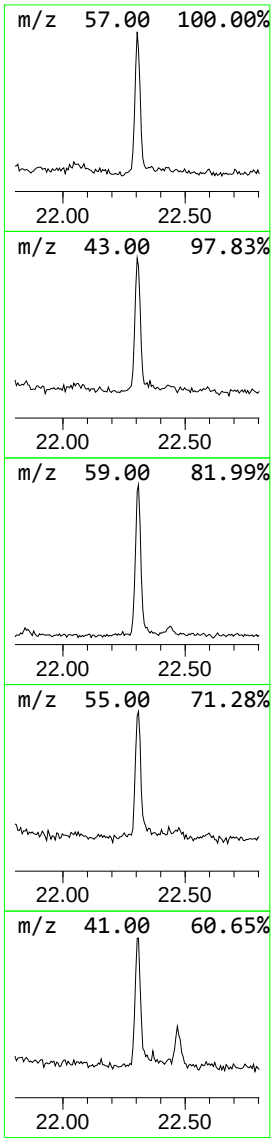
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.303	2.19 ng/ul	613546	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	70
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	66
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	47
5	Palmitoleamide	253	C16H31NO	106010-22-4	46





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Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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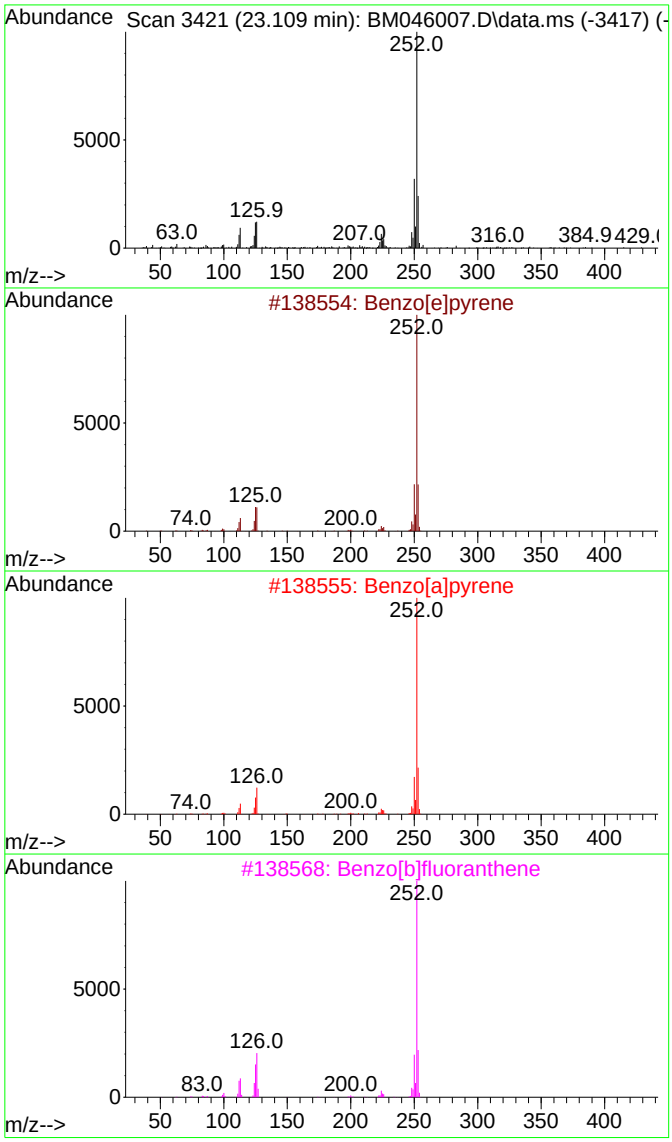
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

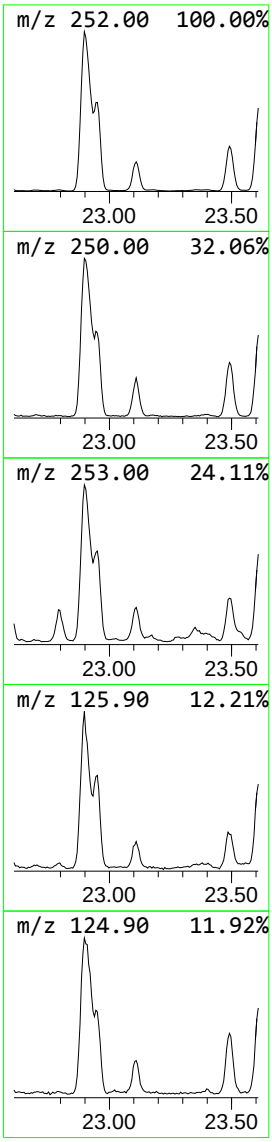
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.109	4.61 ng/ul	450944	Perylene-d12	23.739

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





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Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

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

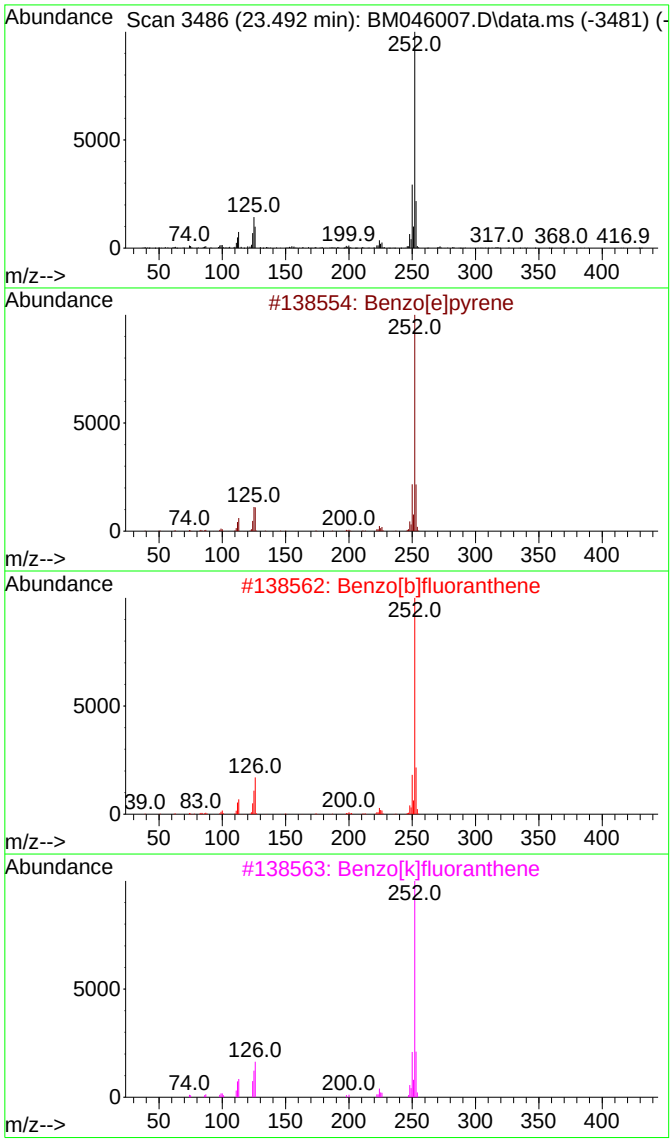
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

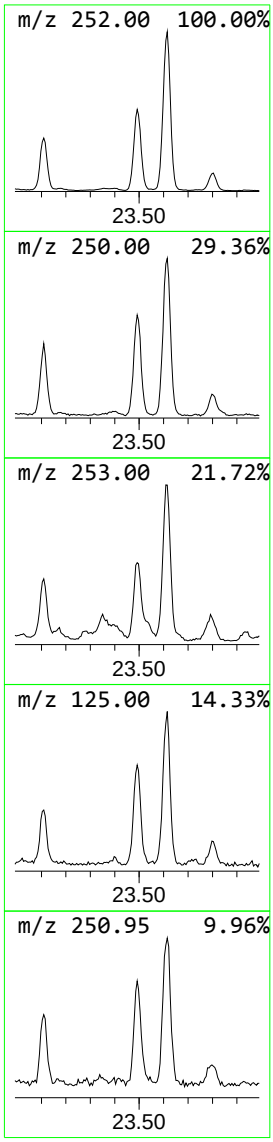
****

Peak Number 27 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.492	6.61 ng/ul	645940	Perylene-d12	23.739

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	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.328	4.4	ng/ul	237344	1	7.434	1077890	20.0
Methacrylamide	3.528	5.8	ng/ul	311464	1	7.434	1077890	20.0
unknown-01	4.616	2.7	ng/ul	146900	1	7.434	1077890	20.0
1-Phenoxypropan...	10.998	4.5	ng/ul	347340	2	10.198	1552420	20.0
unknown-02	14.316	22.7	ng/ul	2193140	3	14.080	1928990	20.0
Phenanthrene, 2...	17.698	6.3	ng/ul	735460	4	16.821	2316590	20.0
Phenanthrene, 1...	17.751	11.9	ng/ul	1380600	4	16.821	2316590	20.0
Anthracene, 2-m...	17.827	2.1	ng/ul	242750	4	16.821	2316590	20.0
6H-Cyclobuta[jk...	17.886	9.9	ng/ul	1143700	4	16.821	2316590	20.0
Anthracene, 1-m...	17.927	4.7	ng/ul	541476	4	16.821	2316590	20.0
6-Phenylbenzocy...	18.204	3.3	ng/ul	376138	4	16.821	2316590	20.0
9,10-Anthracene...	18.251	4.9	ng/ul	570642	4	16.821	2316590	20.0
3,4-Dimethylphe...	18.627	5.9	ng/ul	686688	4	16.821	2316590	20.0
unknown-03	18.692	4.0	ng/ul	459510	4	16.821	2316590	20.0
Cyclopenta(def)...	18.768	5.4	ng/ul	630018	4	16.821	2316590	20.0
Pyrene, 1-methyl-	19.586	3.3	ng/ul	936550	5	21.039	5609130	20.0
11H-Benzo[b]flu...	19.721	2.0	ng/ul	564945	5	21.039	5609130	20.0
11H-Benzo[a]flu...	19.756	3.2	ng/ul	888304	5	21.039	5609130	20.0
Pyrene, 4-methyl-	19.909	2.9	ng/ul	822132	5	21.039	5609130	20.0
11H-Benzo[a]flu...	20.503	2.4	ng/ul	675644	5	21.039	5609130	20.0
Benzo[b]naphtho...	20.668	2.3	ng/ul	636162	5	21.039	5609130	20.0
(DEL) Alkane: S...	20.751	4.2	ng/ul	1165540	5	21.039	5609130	20.0
7H-Benz[de]anth...	20.804	2.3	ng/ul	637560	5	21.039	5609130	20.0
Benz[a]anthrace...	21.733	2.4	ng/ul	682646	5	21.039	5609130	20.0
(DEL) Alkane: S...	22.303	2.2	ng/ul	613546	5	21.039	5609130	20.0
Benzo[e]pyrene	23.109	4.6	ng/ul	450944	6	23.739	1954470	20.0
Perylene	23.492	6.6	ng/ul	645940	6	23.739	1954470	20.0