LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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: BM046027.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.481	81	84	89	rBV2	39446	78172	1.17%	0.088%
2	3.528	89	92	99	rVB	75267	111114	1.67%	0.126%
3	4.622	273	278	286	rBV	77656	130514	1.96%	0.148%
4	6.692	624	630	643	rBV	561457	1074954	16.12%	1.216%
5	6.804	643	649	661	rVB	389975	707963	10.62%	0.801%
6	6.998	675	682	691	rBV	635078	1036195	15.54%	1.172%
7	7.434	749	756	768	rBV	589946	925659	13.88%	1.047%
8	7.975	836	848	855	rBV3	31881	75755	1.14%	0.086%
9	8.204	881	887	898	rBV	580761	1113469	16.70%	1.259%
10	8.286	898	901	909	rVV2	34752	72297	1.08%	0.082%
11	8.598	946	954	963	rBV	594495	1042984	15.64%	1.180%
12	9.310	1068	1075	1088	rVB	508381	917202	13.76%	1.037%
13	9.863	1161	1169	1186	rBV	558971	1205125	18.07%	1.363%
14	10.198	1219	1226	1232	rBV	720575	1248467	18.72%	1.412%
15	10.251	1232	1235	1242	rVB	54171	88876	1.33%	0.101%
16	10.392	1251	1259	1273	rBV	233900	568150	8.52%	0.643%
17	11.010	1356	1364	1370	rBV2	48183	113745	1.71%	0.129%
18	13.404	1764	1771	1775	rBV2	46434	85053	1.28%	0.096%
19	13.527	1786	1792	1806	rVV	1017500	1609344	24.14%	1.820%
20	13.768	1827	1833	1847	rBV2	1221774	2244470	33.66%	2.538%
21	14.080	1879	1886	1892	rVV	1022971	1515674	22.73%	1.714%
22	14.145	1892	1897	1906	rVV	105446	178140	2.67%	0.201%
23	14.345	1918	1931	1934	rBV2	66288	166697	2.50%	0.189%
24	14.392	1934	1939	1950	rVV	379284	756513	11.35%	0.856%
25	14.486	1951	1955	1963	rVV2	77884	175412	2.63%	0.198%
26	14.563	1965	1968	1976	rVV2	50101	81850	1.23%	0.093%
27	15.080	2050	2056	2062	rBV	1528737	2122640	31.83%	2.401%
28	15.133	2062	2065	2072	rVB2	104410	157518	2.36%	0.178%
29	15.227	2076	2081	2090	rBV	319318	533474	8.00%	0.603%
30	15.439	2112	2117	2130	rVB4	46420	94533	1.42%	0.107%
31	15.586	2138	2142	2150	rVB2	40041	85061	1.28%	0.096%
32	15.821	2176	2182	2195	rVB4	92012	191180	2.87%	0.216%
33	16.139	2230	2236	2241	rBV4	50853	112243	1.68%	0.127%
34	16.492	2291	2296	2304	rVB	139441	219188	3.29%	0.248%
35	16.562	2304	2308	2313	rBV3	43898	90403	1.36%	0.102%
36	16.645	2318	2322	2332	rVB	114539	214431	3.22%	0.243%

LSC Area Percent Report

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Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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	16.827	2347	2353	2356	rVV	1255609	1679231	25.18%	1.899%
38	16.868	2356	2360	2365	rVV	2196154	2892438	43.38%	3.271%
39	16.927	2365	2370	2373	rVV	1594986	2259514	33.89%	2.555%
40	16.962	2373	2376	2383	rVB	460414	613325	9.20%	0.694%
41	17.033	2383	2388	2393	rBV2	65176	115633	1.73%	0.131%
42	17.251	2416	2425	2435	rBV2	198936	433951	6.51%	0.491%
43	17.351	2438	2442	2448	rVV3	76806	152962	2.29%	0.173%
44	17.409	2448	2452	2462	rVB3	79533	165160	2.48%	0.187%
45	17.551	2473	2476	2481	rVB	54949	83070	1.25%	0.094%
46	17.633	2485	2490	2495	rBV3	53550	98830	1.48%	0.112%
47	17.698	2497	2501	2506	rVV	365287	527975	7.92%	0.597%
48	17.756	2506	2511	2518	rVV2	1061032	1775645	26.63%	2.008%
49	17.815	2518	2521	2528	rVV2	249663	518842	7.78%	0.587%
50	17.892	2529	2534	2538	rVV2	584750	983477	14.75%	1.112%
51	17.933	2538	2541	2550	rVB	290613	390075	5.85%	0.441%
52	18.021	2552	2556	2559	rBV4	73596	104014	1.56%	0.118%
53	18.062	2560	2563	2566	rVV4	68670	100476	1.51%	0.114%
54	18.103	2567	2570	2576	rVB5	59078	85405	1.28%	0.097%
55	18.209	2584	2588	2591	rBV	226588	263734	3.96%	0.298%
56	18.251	2591	2595	2600	rVB	371407	491434	7.37%	0.556%
57	18.456	2627	2630	2635	rVV	97810	146963	2.20%	0.166%
58	18.503	2635	2638	2642	rVV	130914	171274	2.57%	0.194%
59	18.545	2642	2645	2650	rVB	106293	138283	2.07%	0.156%
60	18.627	2654	2659	2663	rVV	314933	513015	7.69%	0.580%
61	18.674	2663	2667	2673	rVV4	156521	415676	6.23%	0.470%
62	18.721	2673	2675	2679	rVB	113151	110423	1.66%	0.125%
63	18.774	2679	2684	2690	rBV2	290396	523219	7.85%	0.592%
64	18.892	2698	2704	2712	rBV	5238313	6667995	100.00%	7.541%
65	18.962	2713	2716	2719	rVB	64884	73170	1.10%	0.083%
66	18.998	2719	2722	2726	rVB	102415	112033	1.68%	0.127%
67	19.045	2726	2730	2735	rBV	465285	703448	10.55%	0.796%
68	19.133	2743	2745	2749	rVB	93434	108549	1.63%	0.123%
69	19.227	2756	2761	2763	rBV	2289255	3040231	45.59%	3.438%
70	19.256	2763	2766	2771	rVB	3710416	4608663	69.12%	5.212%
71	19.333	2776	2779	2786	rVB3	209544	357409	5.36%	0.404%
72	19.439	2794	2797	2803	rVB	190624	268553	4.03%	0.304%
73	19.503	2804	2808	2813	rVB2	153253	238700	3.58%	0.270%
74	19.586	2816	2822	2831	rBV4	311987	820498	12.31%	0.928%
75	19.727	2841	2846	2848	rBV3	307917	510848	7.66%	0.578%
76	19.756	2848	2851	2855	rVB	530908	732429	10.98%	0.828%

LSC Area Percent Report

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Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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

77	19.862	2865	2869	2872	rBV	356425	406645	6.10%	0.460%
78	19.915	2873	2878	2882	rBV2	446555	668861	10.03%	0.756%
79	20.056	2898	2902	2905	rBV	253038	309382	4.64%	0.350%
80	20.103	2906	2910	2914	rVV	270624	363220	5.45%	0.411%
81	20.186	2920	2924	2927	rBV	396368	431118	6.47%	0.488%
82	20.509	2976	2979	2985	rVB	499722	679714	10.19%	0.769%
83	20.674	3003	3007	3010	rBV2	445674	562352	8.43%	0.636%
84	20.715	3010	3014	3016	rVV	352351	427186	6.41%	0.483%
85	20.750	3016	3020	3026	rVV4	859061	1398201	20.97%	1.581%
86	20.809	3027	3030	3036	rVB	555535	731129	10.96%	0.827%
87	20.974	3054	3058	3062	rBV	1291881	1470806	22.06%	1.663%
88	21.027	3062	3067	3073	rVV2	2571537	5841865	87.61%	6.607%
89	21.086	3073	3077	3088	rVB	2375461	3478832	52.17%	3.934%
90	21.215	3095	3099	3106	rBV2	262498	553435	8.30%	0.626%
91	21.674	3174	3177	3182	rVB	402643	545211	8.18%	0.617%
92	21.739	3184	3188	3191	rBV	461843	745123	11.17%	0.843%
93	22.309	3282	3285	3294	rVB2	362979	593140	8.90%	0.671%
94	22.909	3381	3387	3392	rBV	1867185	4475750	67.12%	5.062%
95	22.956	3393	3395	3402	rVB	1479231	2280870	34.21%	2.580%
96	23.503	3484	3488	3493	rBV	361830	682509	10.24%	0.772%
97	23.568	3494	3499	3504	rVV2	742928	1596988	23.95%	1.806%
98	23.627	3504	3509	3519	rVB	949526	2052555	30.78%	2.321%
99	23.750	3525	3530	3537	rVB	797027	1674042	25.11%	1.893%
100	24.615	3672	3677	3687	rVB2	537591	1309486	19.64%	1.481%

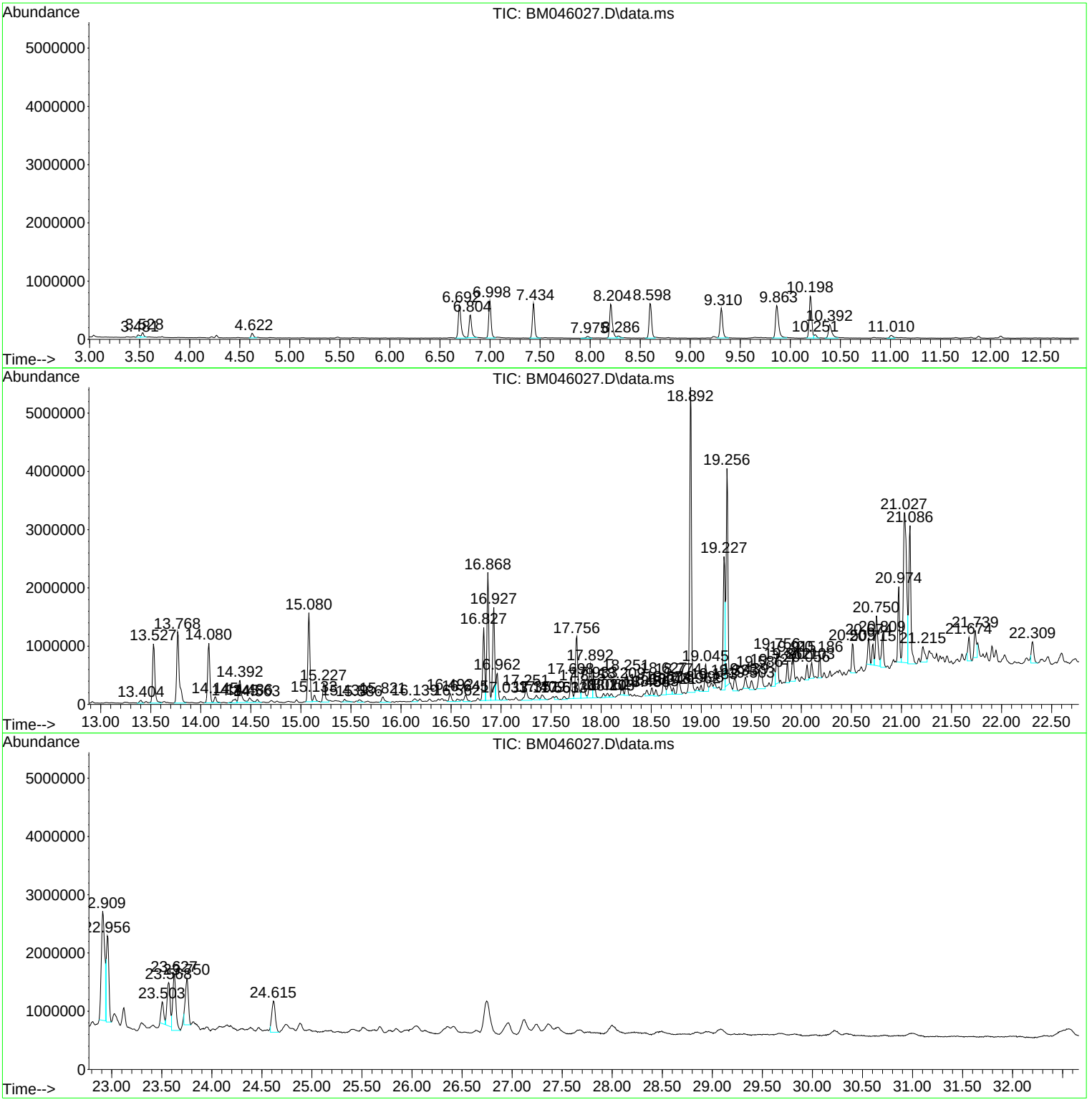
Sum of corrected areas: 88419455

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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 : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

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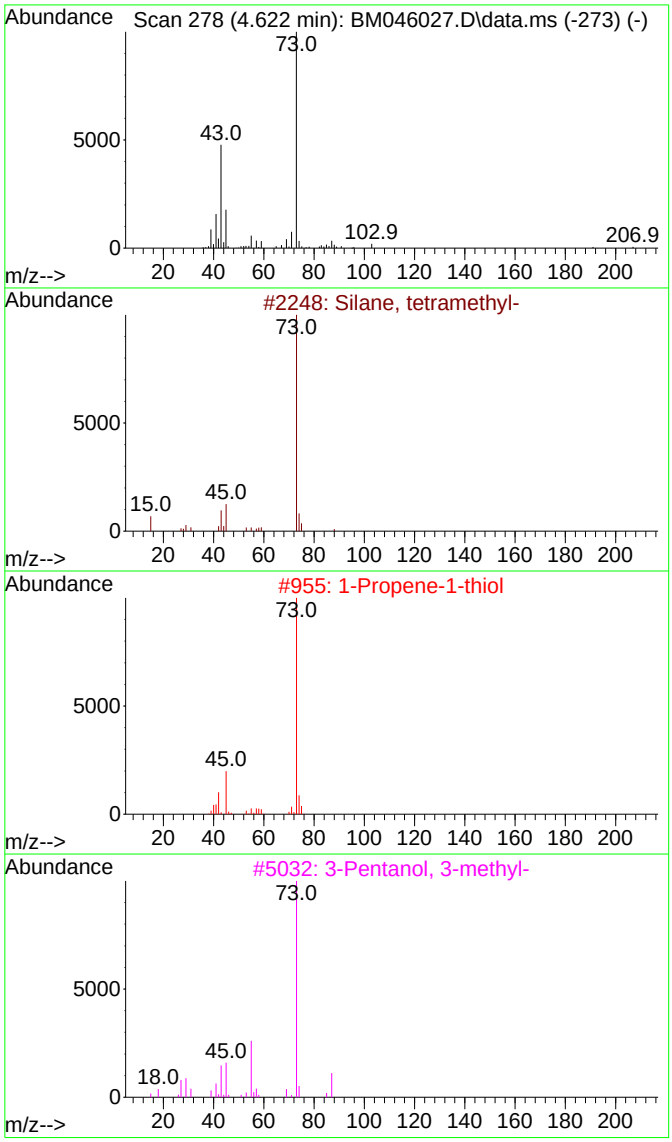
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

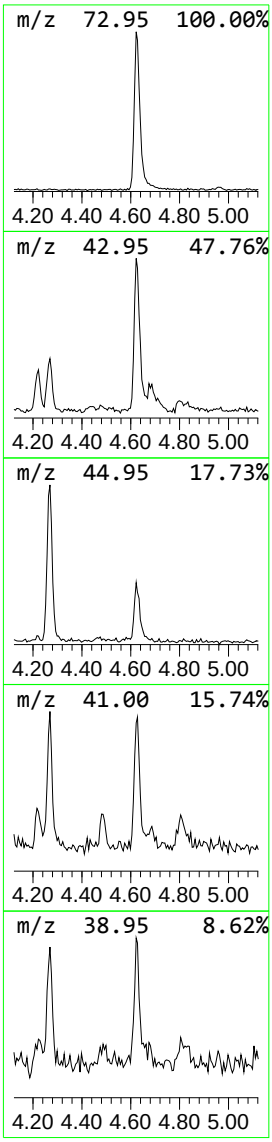
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.622	2.82 ng/ul	130514	1,4-Dichlorobenzene-d4	7.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	40
2	1-Propene-1-thiol	74	C3H6S	000925-89-3	36
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
4	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	33
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

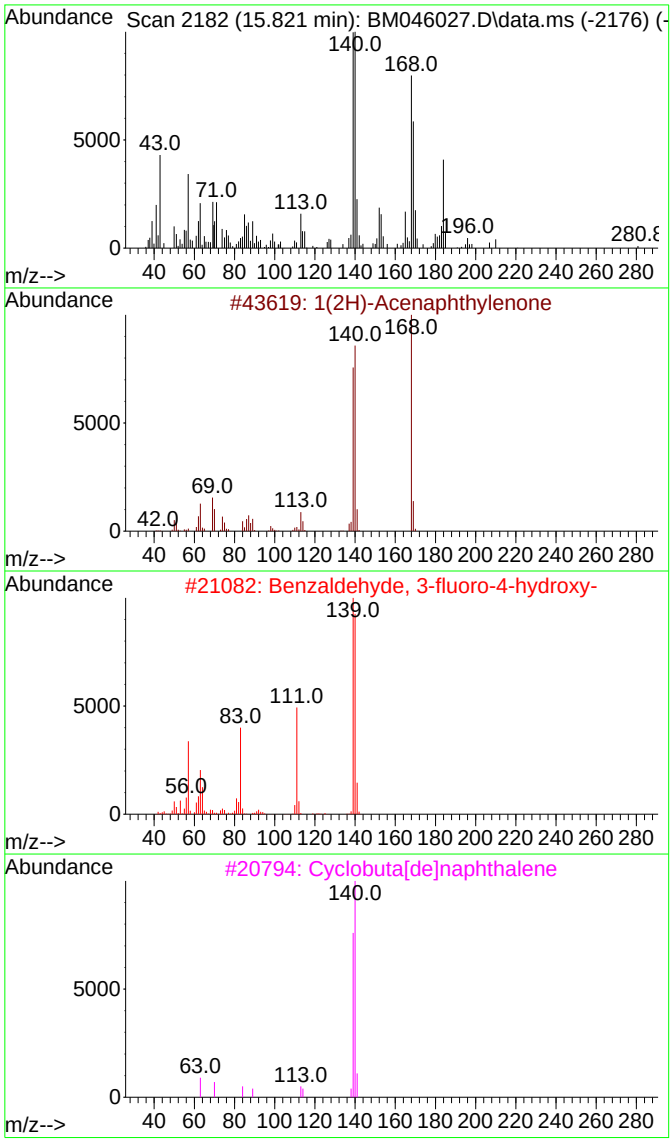
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

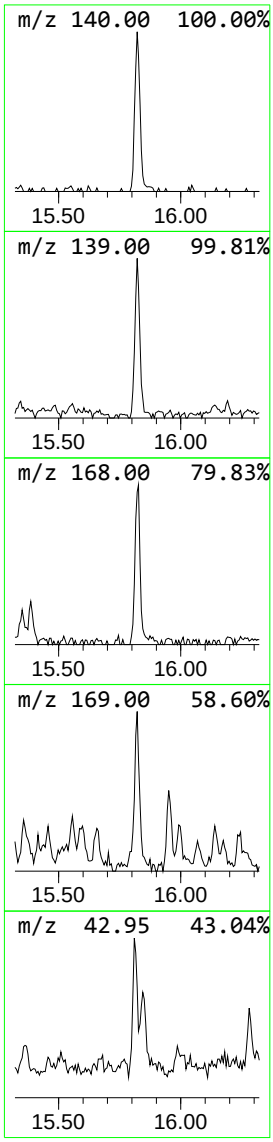
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1(2H)-Acenaphthylenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.821	2.28 ng/ul	191180	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	64
2	Benzaldehyde, 3-fluoro-4-hydroxy-	140	C7H5FO2	000405-05-0	38
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	35
4	Benzene, 2,4-pentadiynyl-	140	C11H8	041268-41-1	35
5	2,5-Thiophenedicarboxaldehyde	140	C6H4O2S	000932-95-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 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

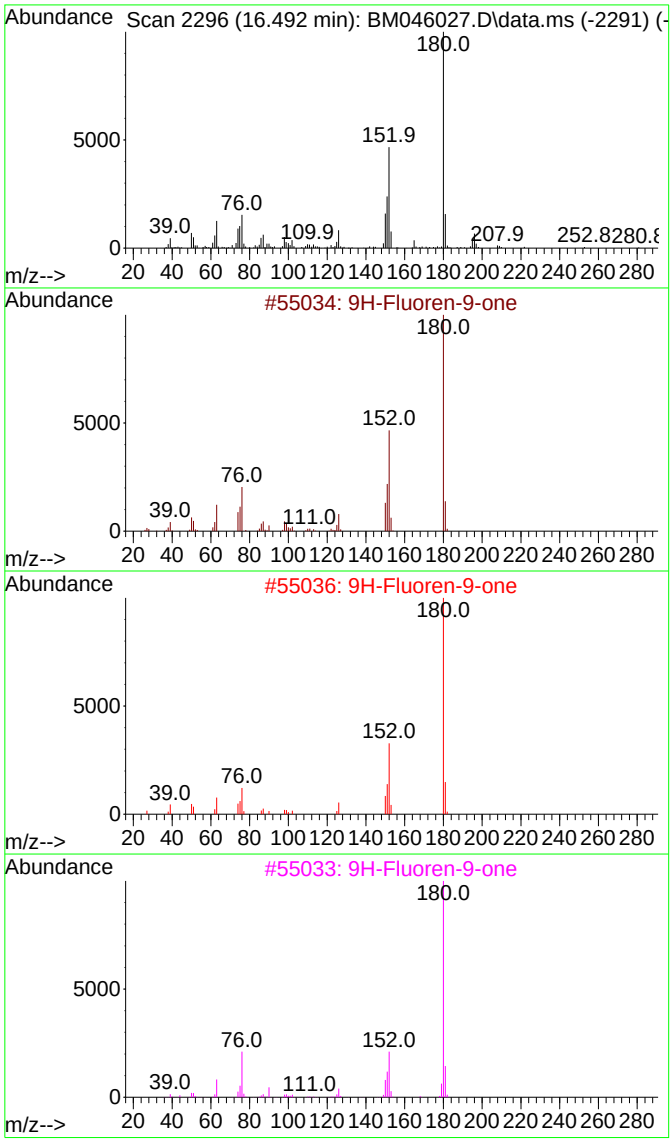
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

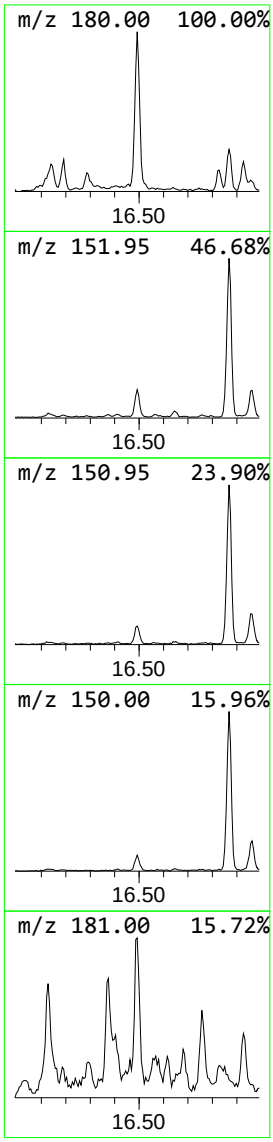
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	2.61 ng/ul	219188	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

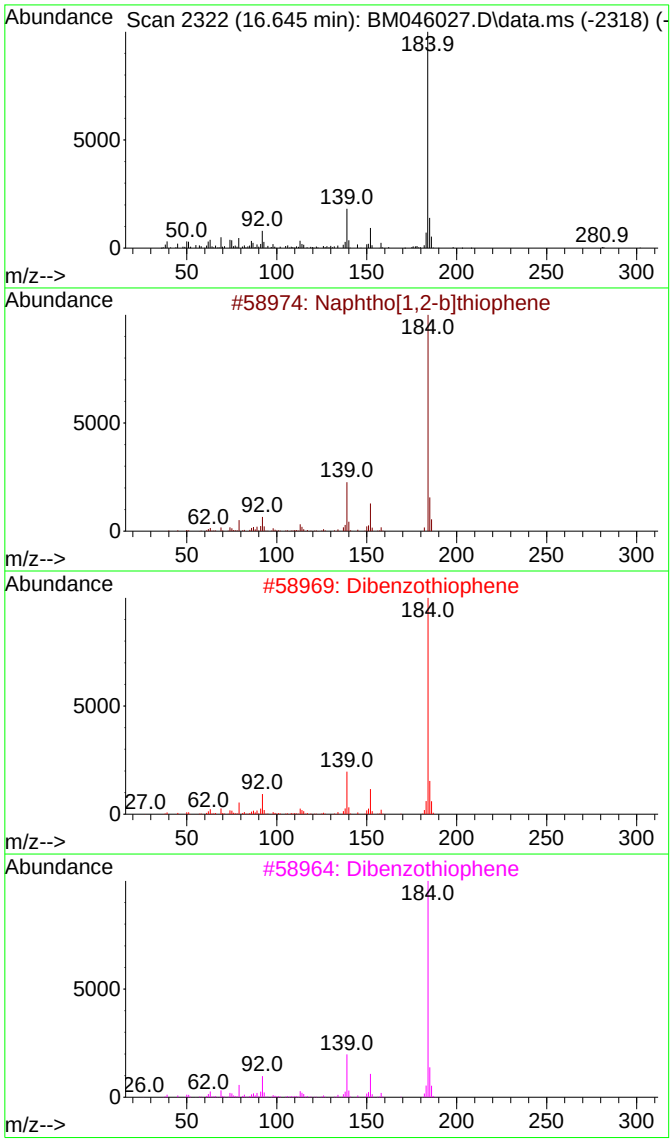
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

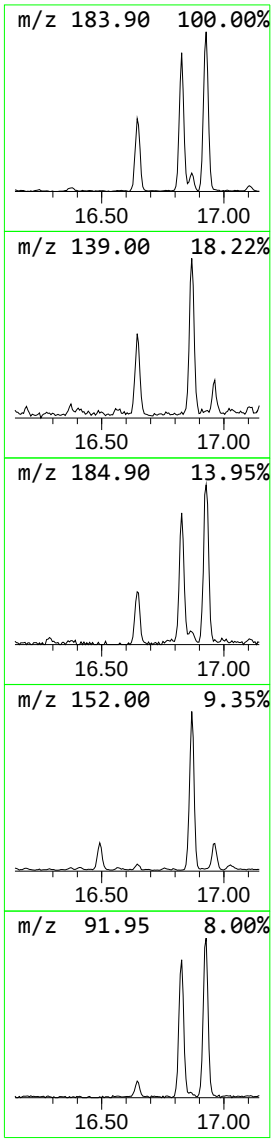
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	2.55 ng/ul	214431	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

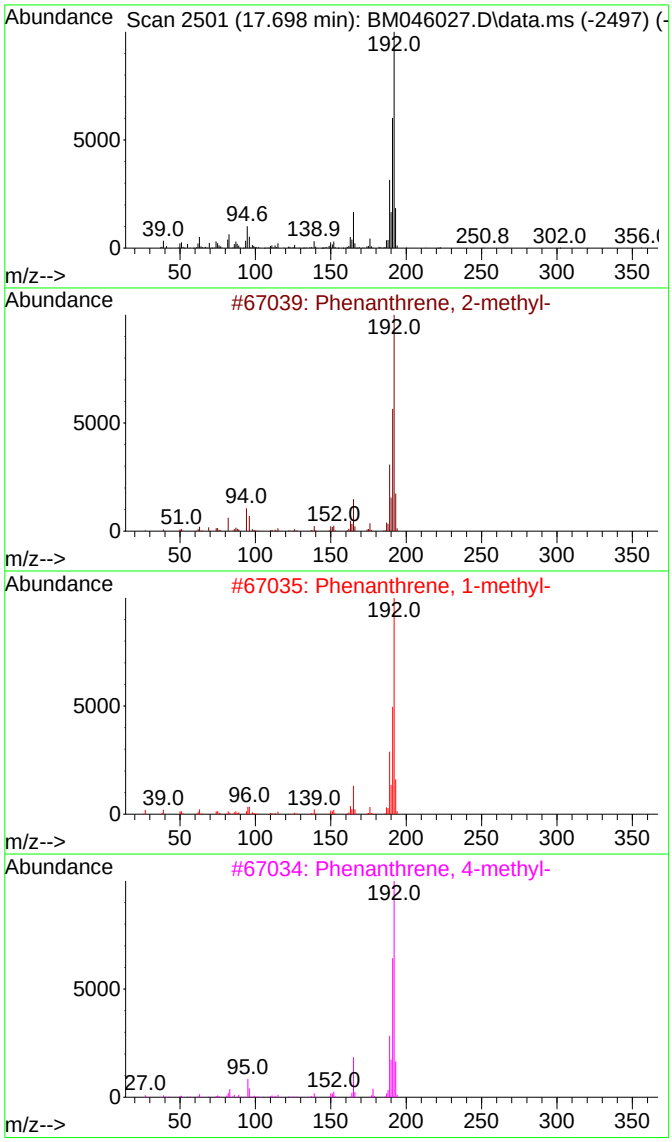
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

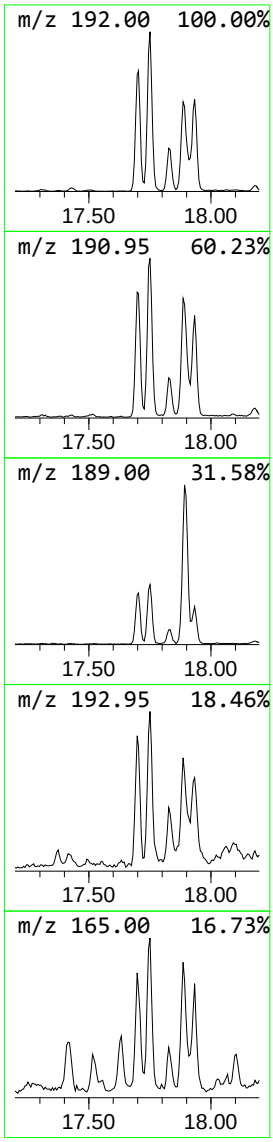
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	6.29 ng/ul	527975	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

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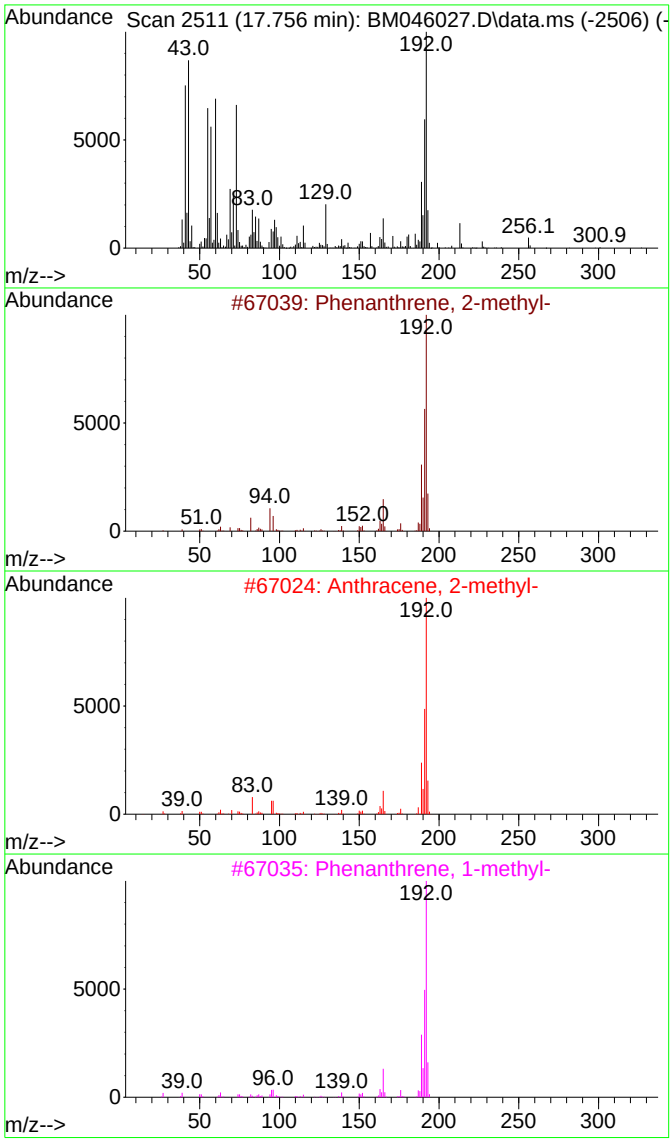
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

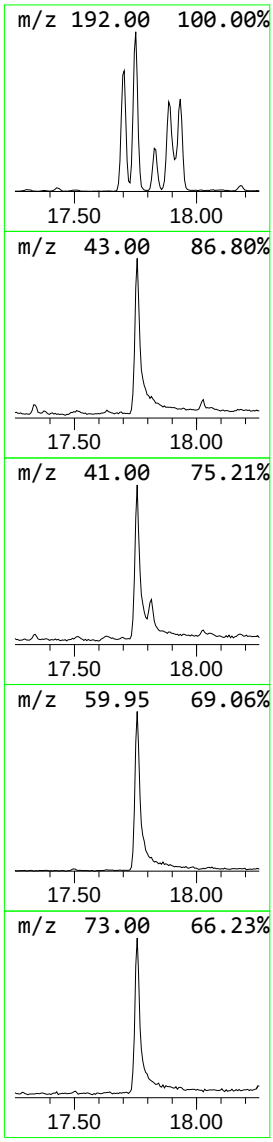
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.756	21.15 ng/ul	1775650	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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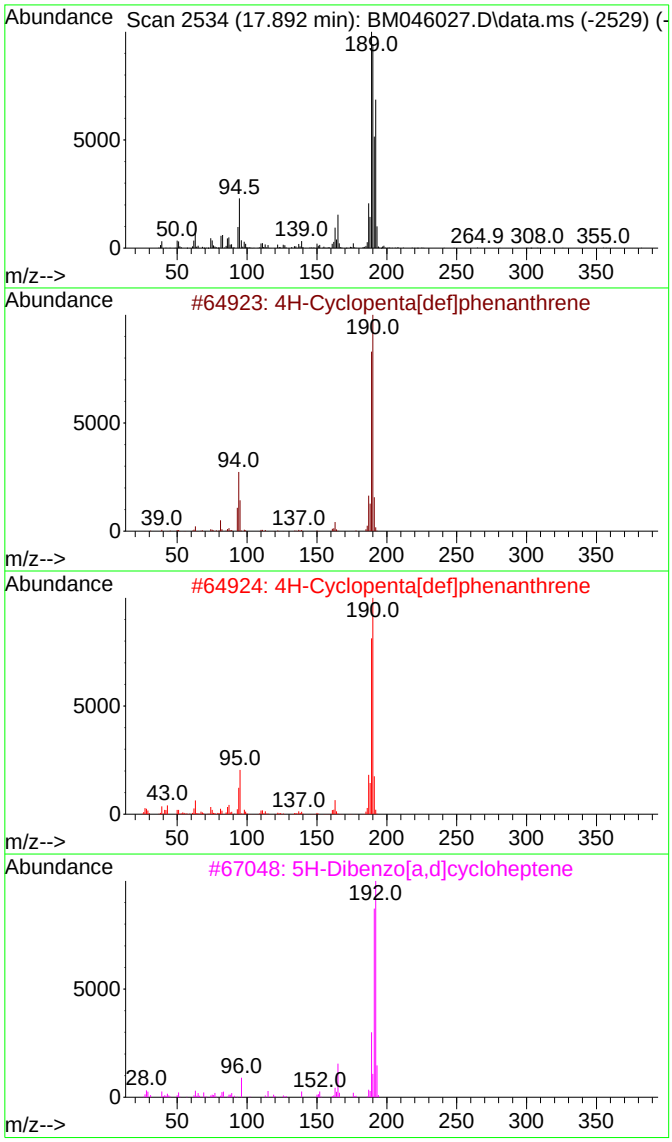
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

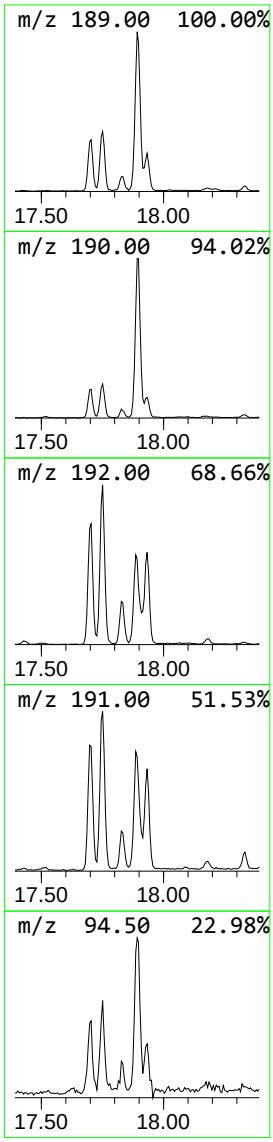
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	11.71 ng/ul	983477	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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ALS Vial : 11 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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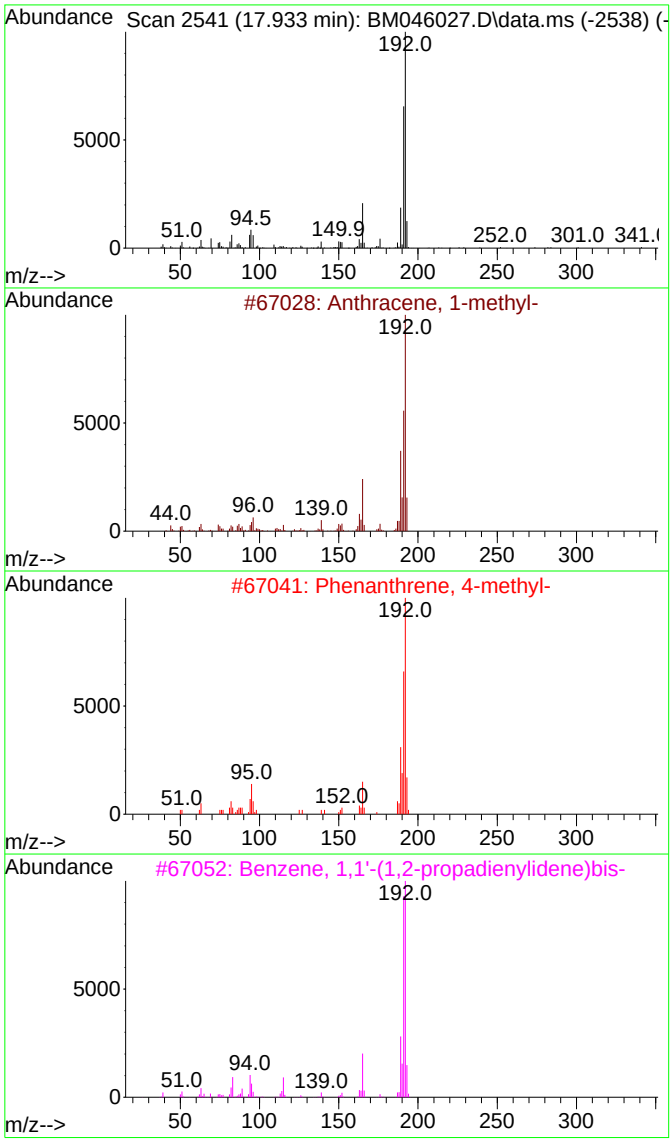
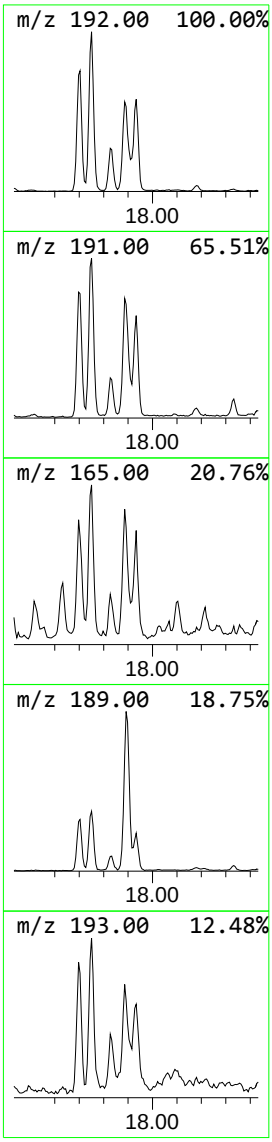
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	4.65 ng/ul	390075	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	80
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76





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Misc :
ALS Vial : 11 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

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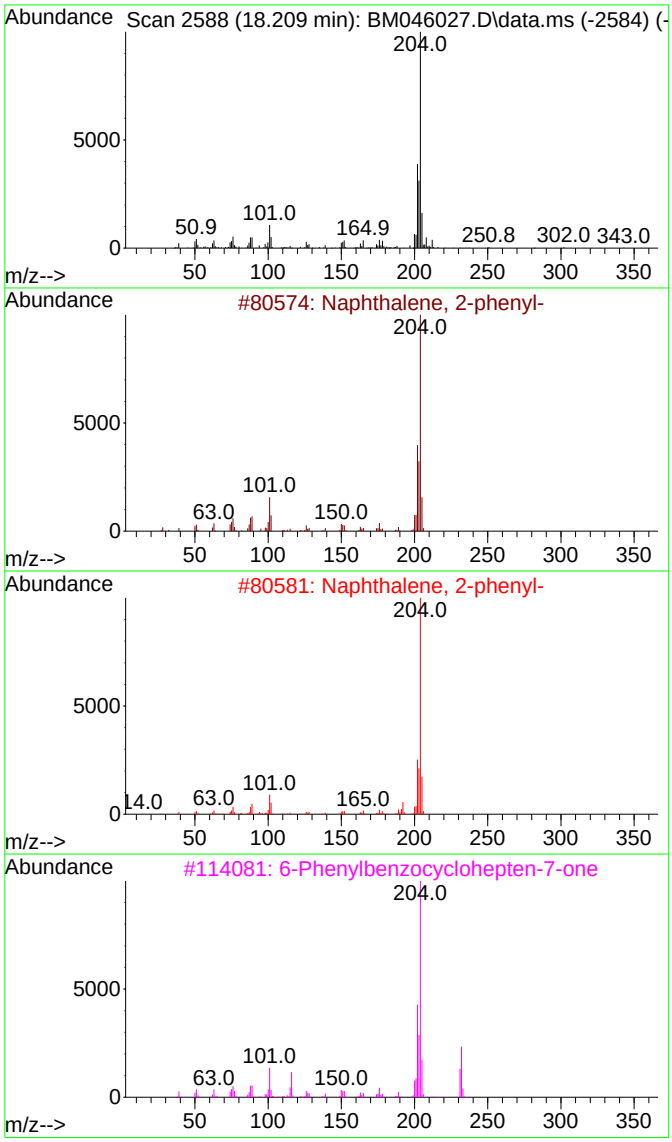
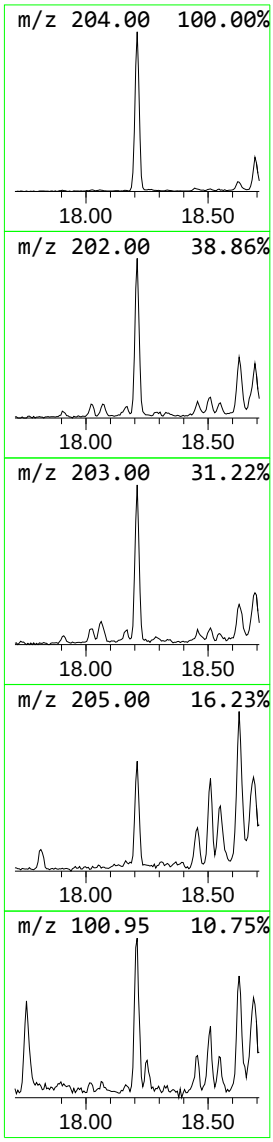
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	3.14 ng/ul	263734	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86





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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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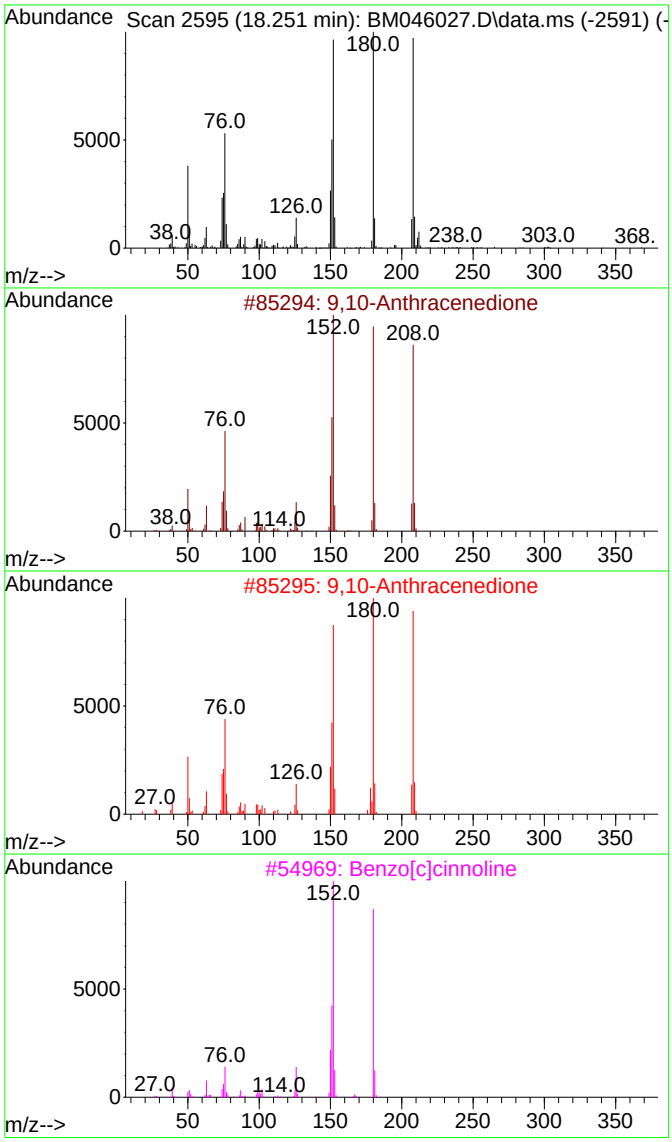
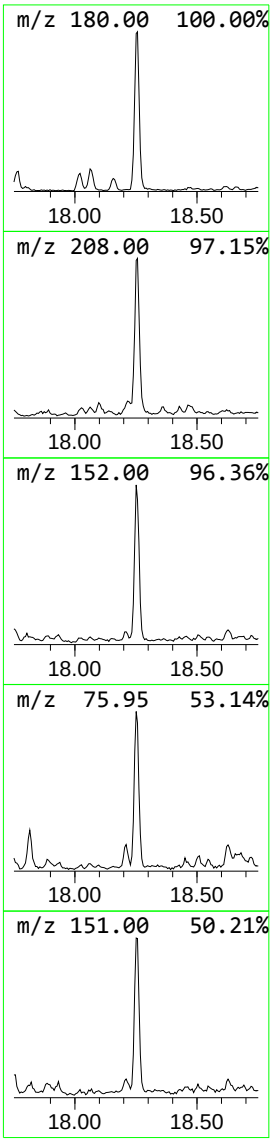
Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.250	5.85 ng/ul	491434	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	84





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Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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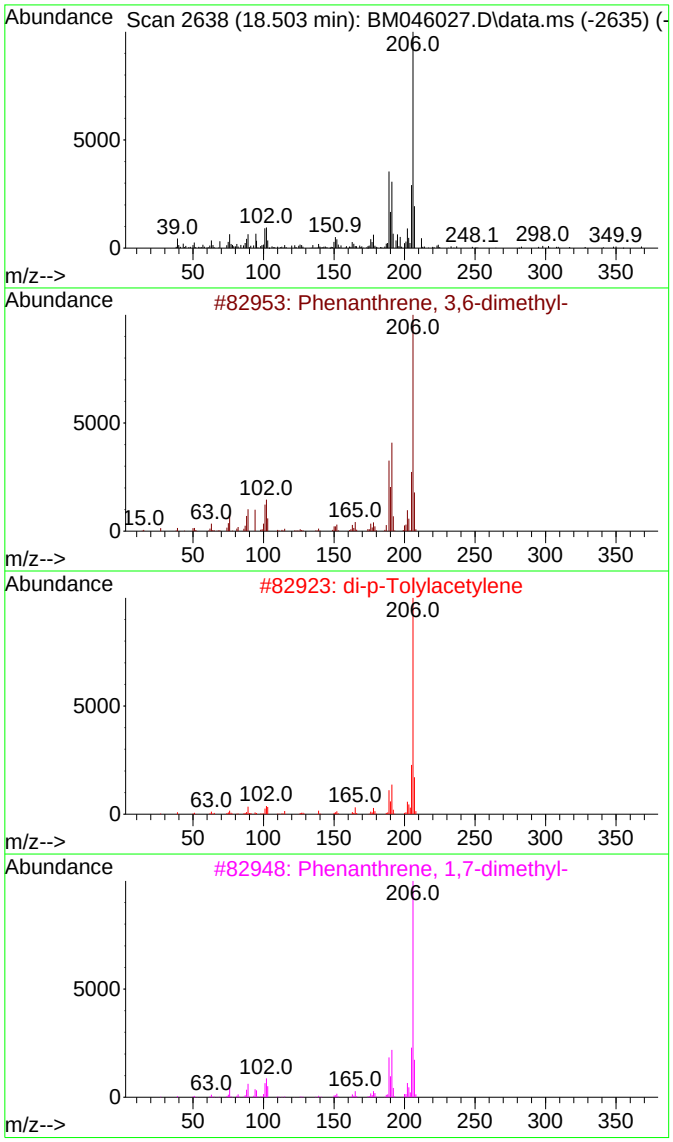
Quant Title : SVOA CALIBRATION

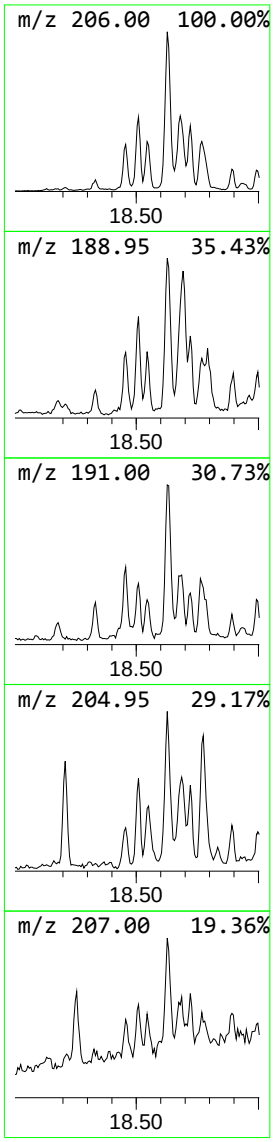
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.503	2.04 ng/ul	171274	Phenanthrene-d10	16.827

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, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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

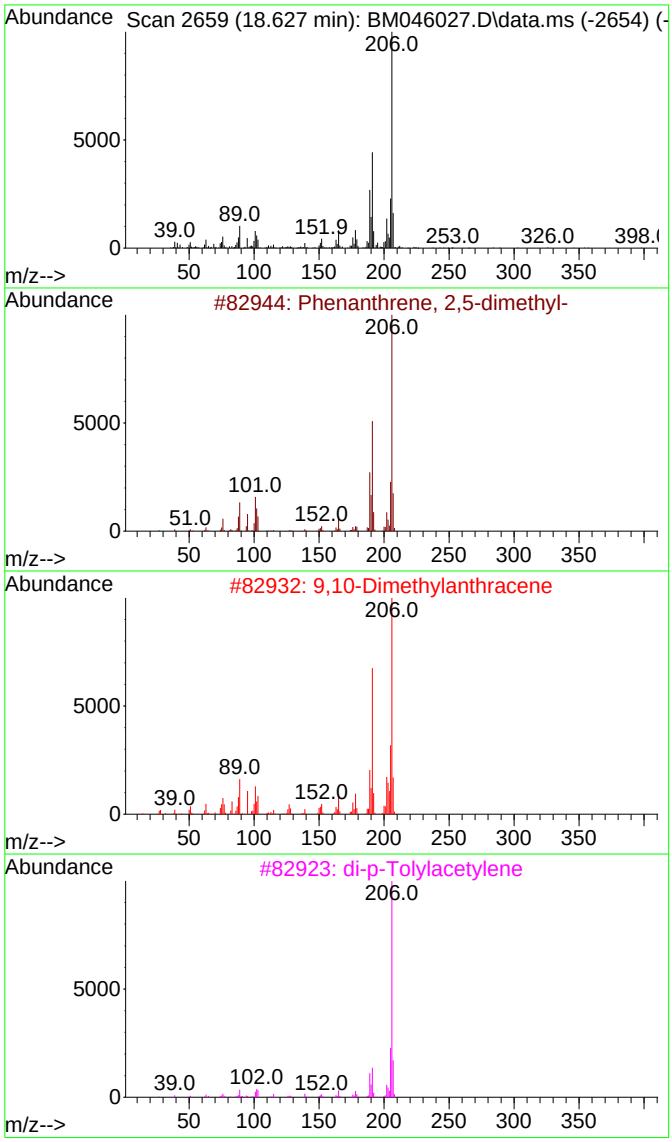
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

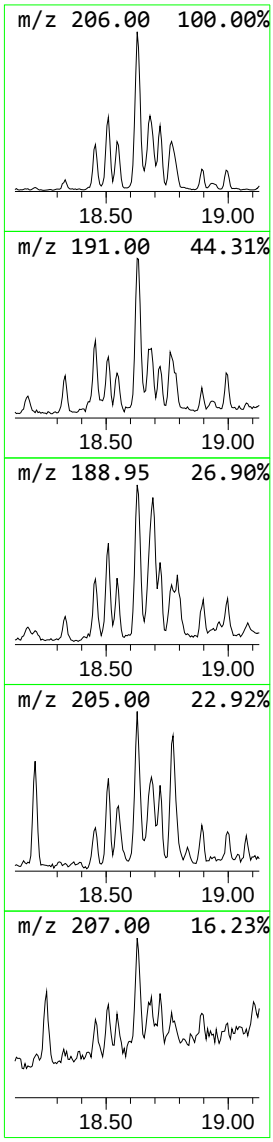
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	6.11 ng/ul	513015	Phenanthrene-d10	16.827

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





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Misc :
ALS Vial : 11 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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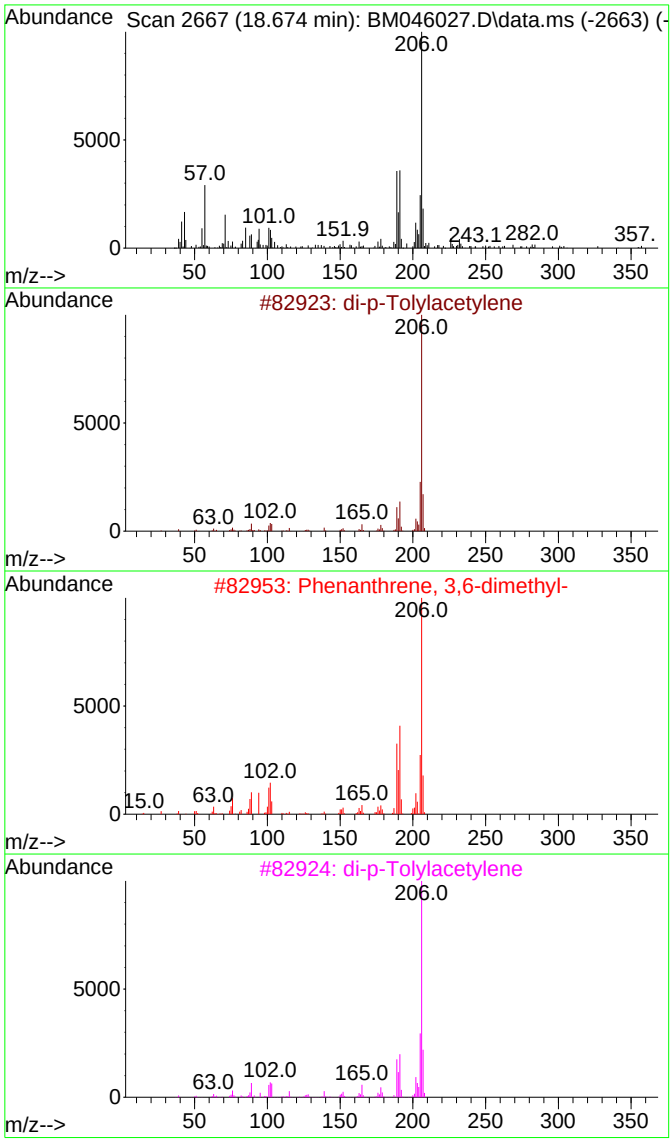
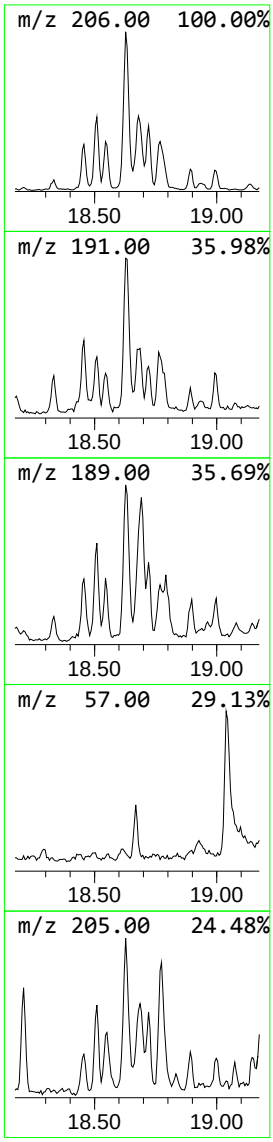
Peak Number 13 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.674	4.95 ng/ul	415676	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87





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Sample : P2648-13
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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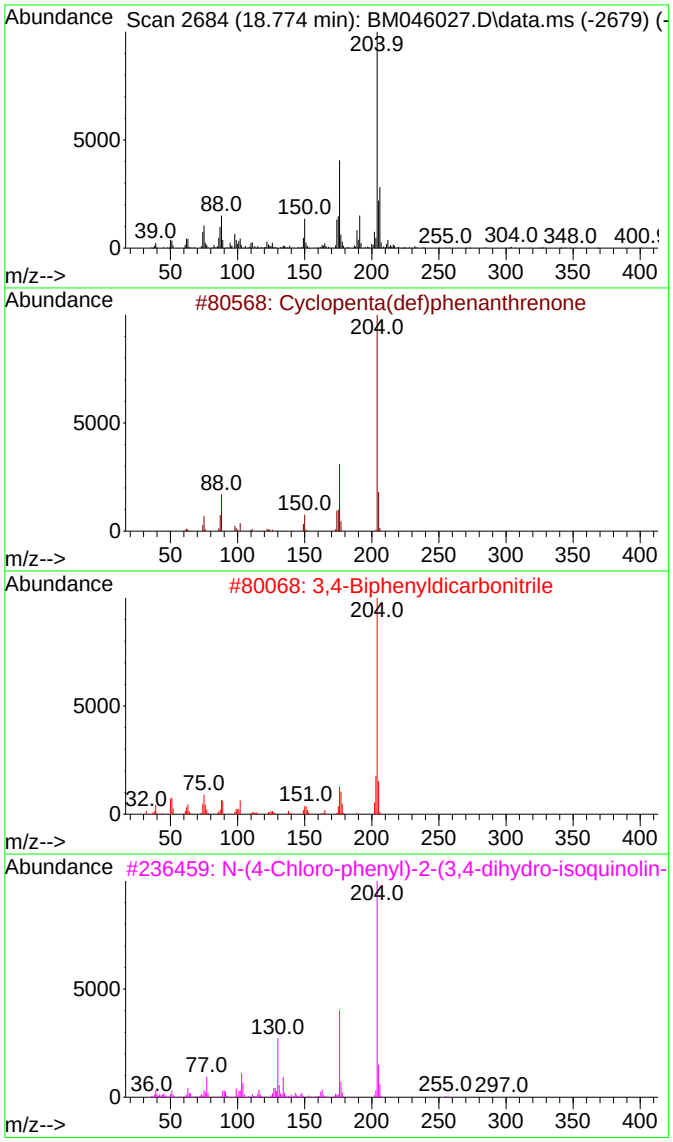
Quant Title : SVOA CALIBRATION

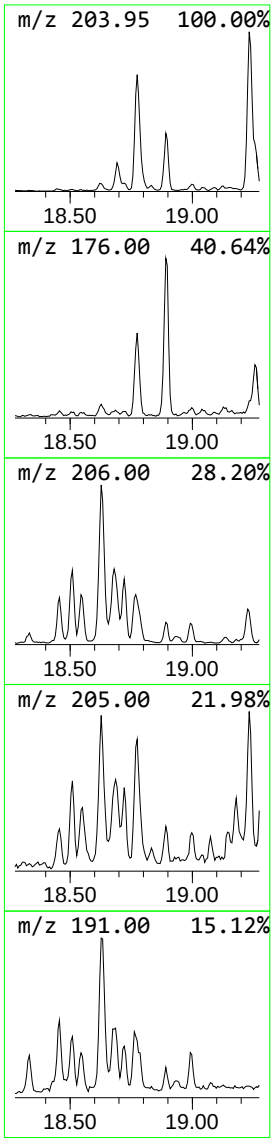
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.774	6.23 ng/ul	523219	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46





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Quant Title : SVOA CALIBRATION

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

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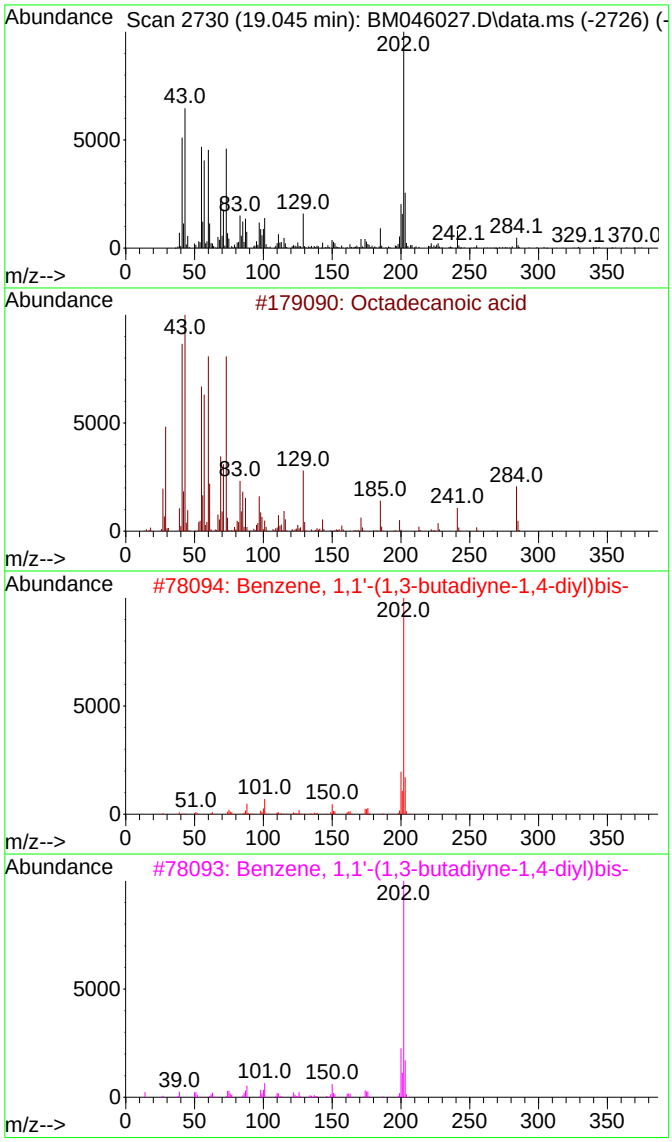
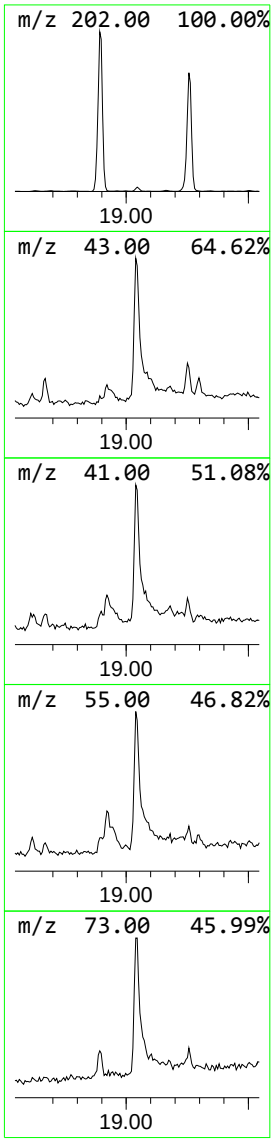
Peak Number 15 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	2.41 ng/ul	703448	Chrysene-d12	21.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	74
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	55
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	55
4	Fluoranthene	202	C16H10	000206-44-0	52
5	Pyrene	202	C16H10	000129-00-0	50





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Quant Title : SVOA CALIBRATION

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

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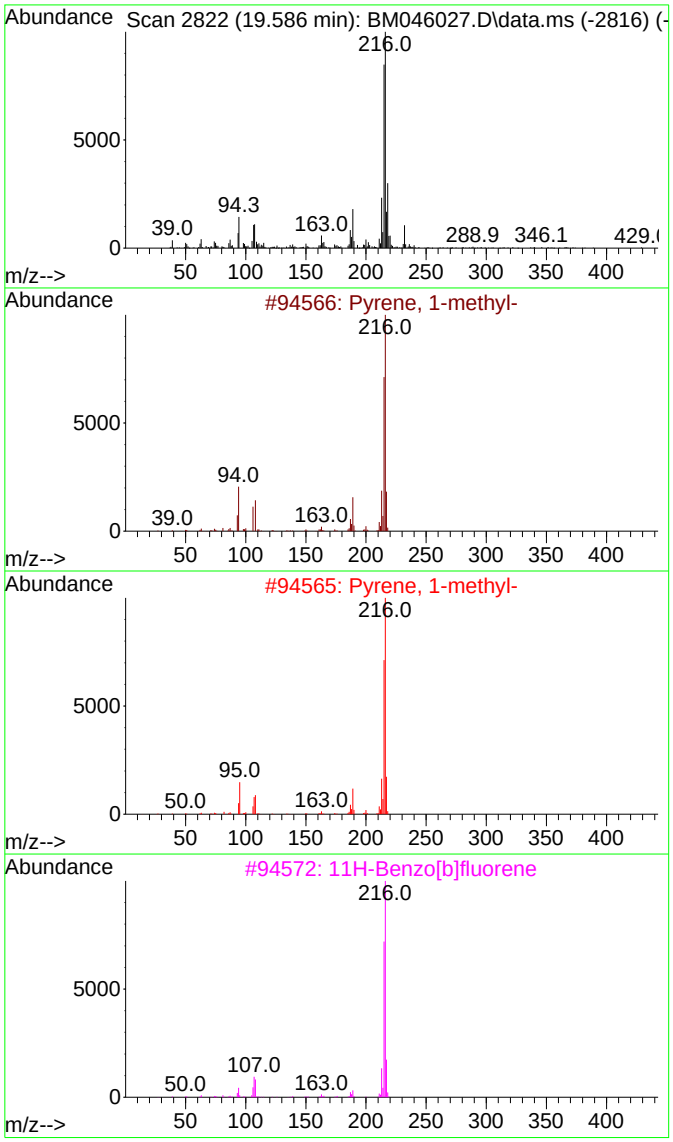
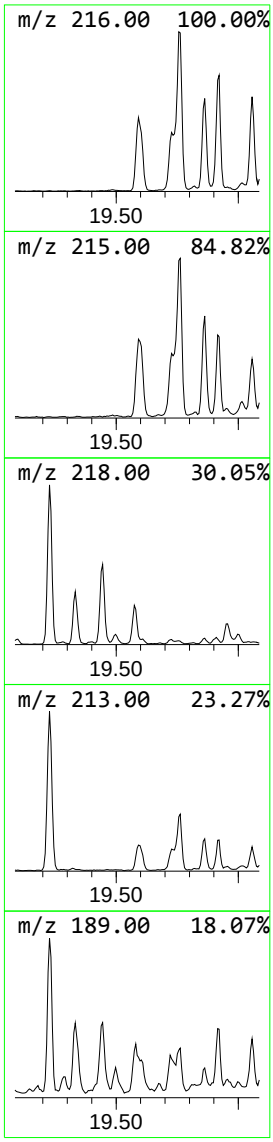
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.586	2.81 ng/ul	820498	Chrysene-d12	21.044

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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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ALS Vial : 11 Sample Multiplier: 1

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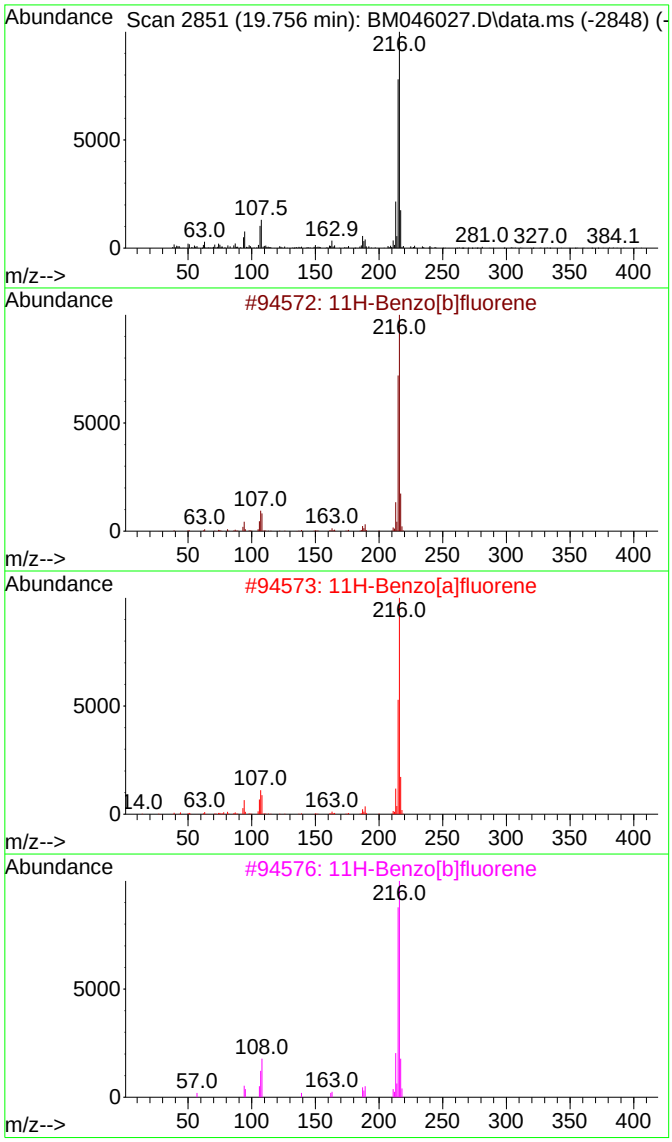
Quant Title : SVOA CALIBRATION

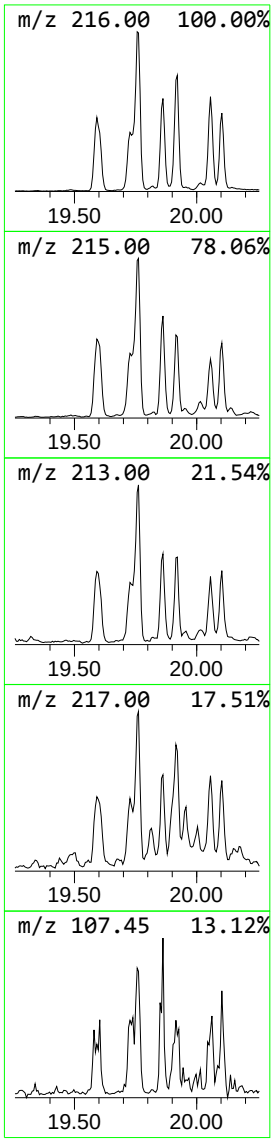
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.756	2.51 ng/ul	732429	Chrysene-d12	21.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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

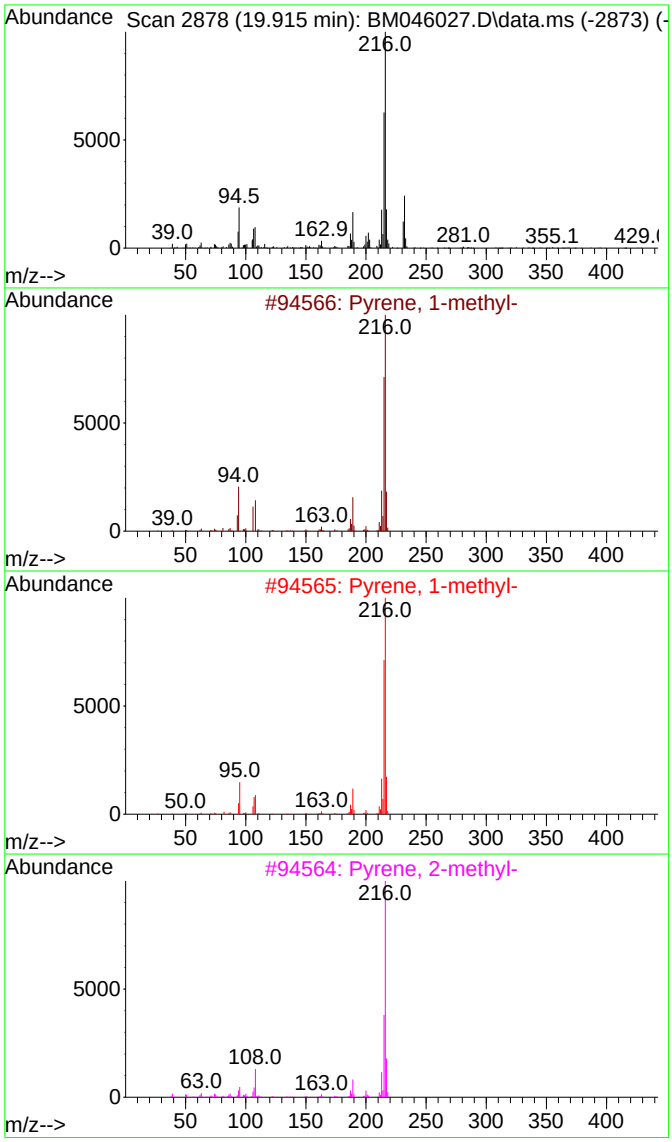
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

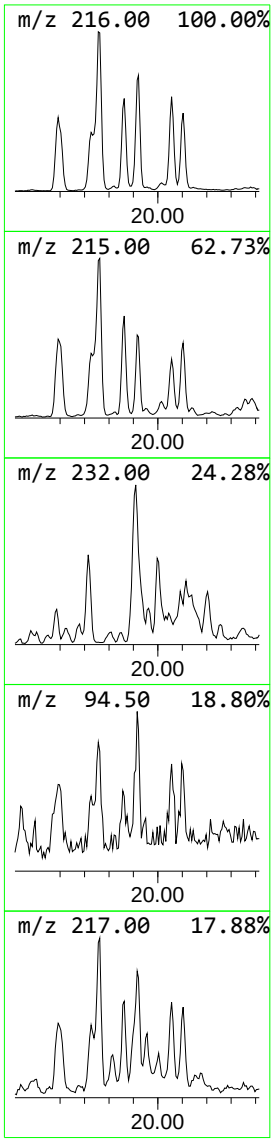
****

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.915	2.29 ng/ul	668861	Chrysene-d12	21.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86





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Acq On : 13 Jun 2024 17:16
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Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

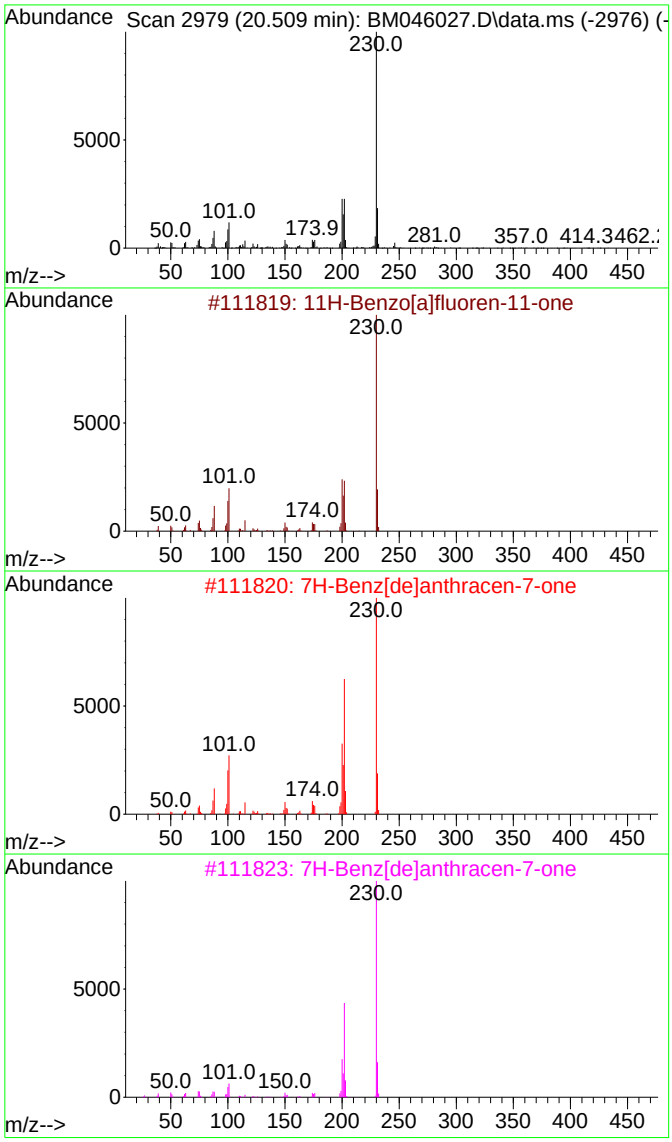
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

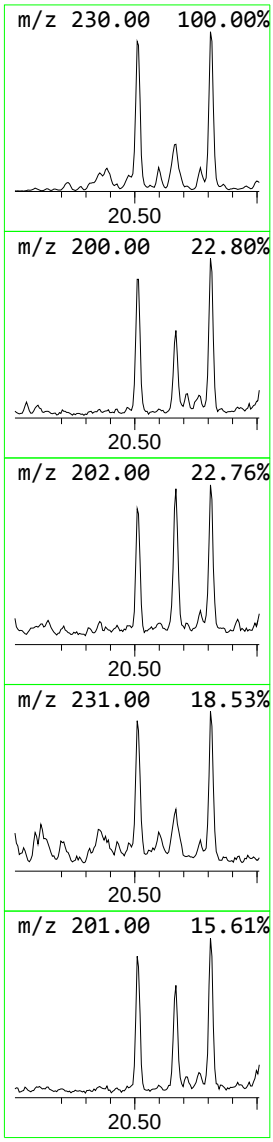
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.509	2.33 ng/ul	679714	Chrysene-d12	21.044

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	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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





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Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

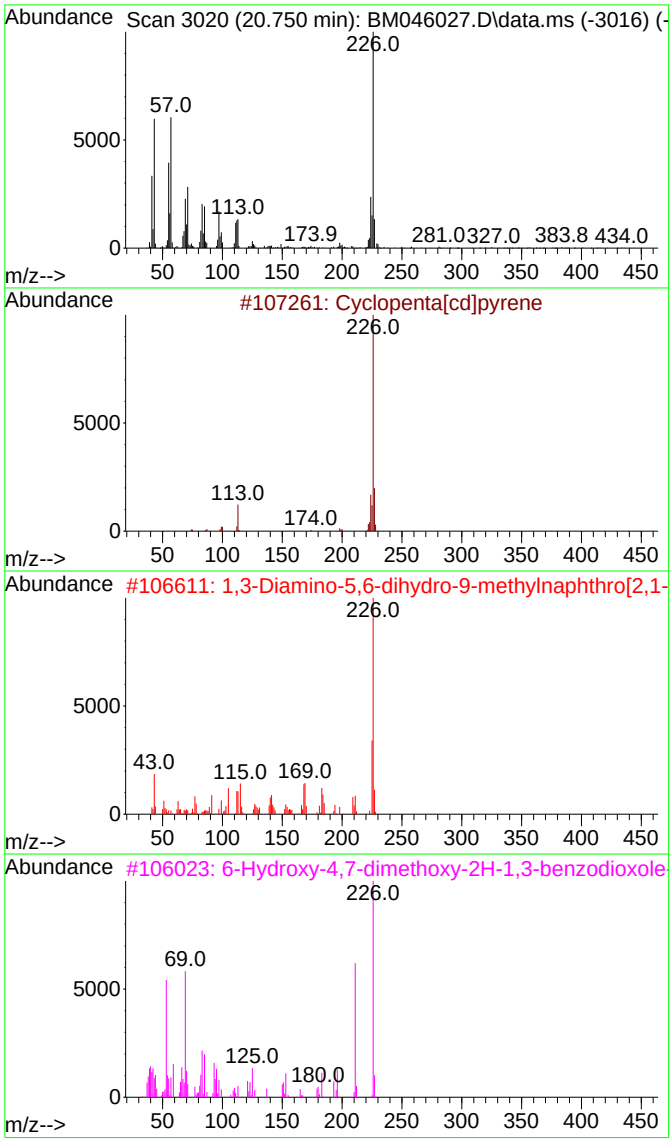
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

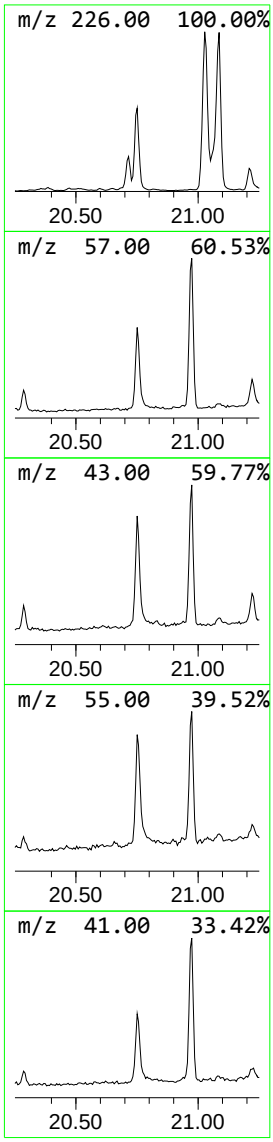
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.750	4.79 ng/ul	1398200	Chrysene-d12	21.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	47
3	6-Hydroxy-4,7-dimethoxy-2H-1,3-b...	226	C10H10O6	849798-24-9	47
4	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	46
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43





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Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

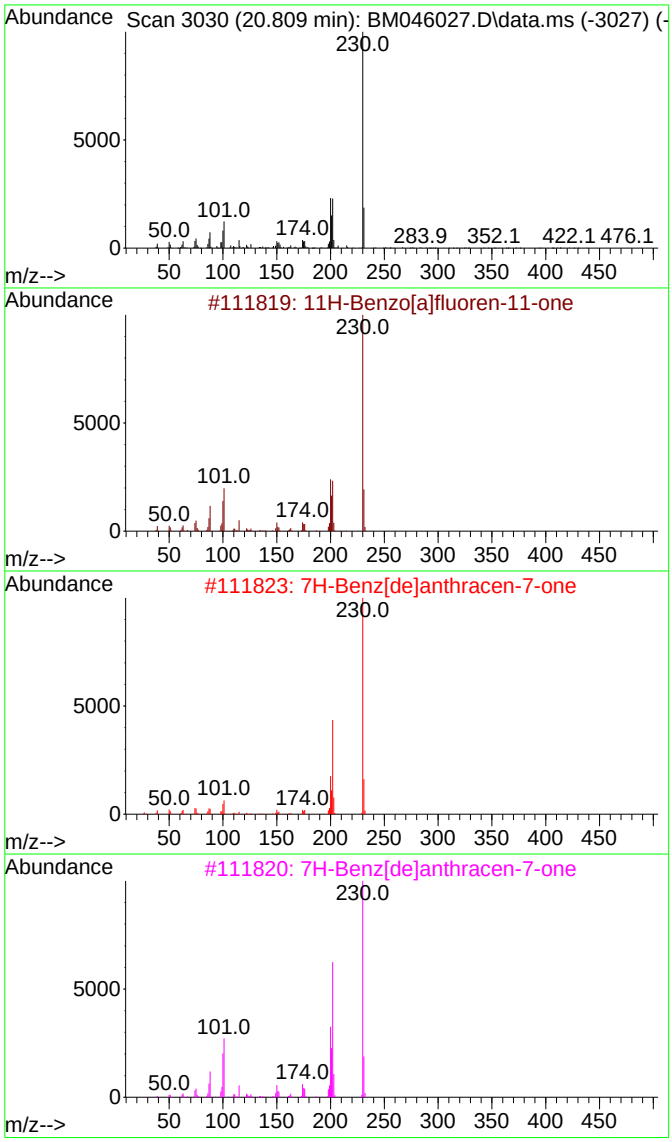
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

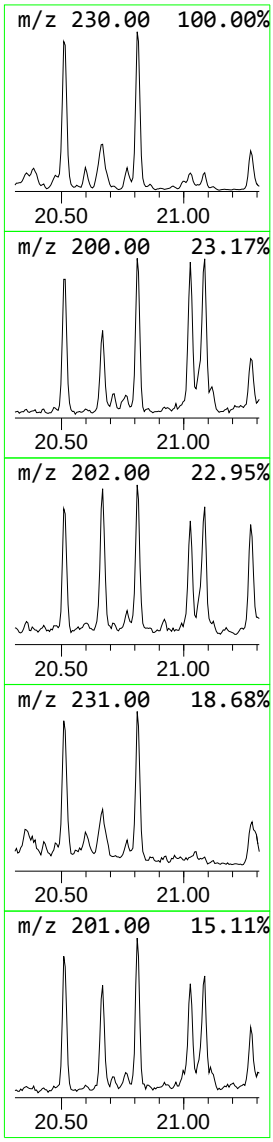
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.809	2.50 ng/ul	731129	Chrysene-d12	21.044

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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

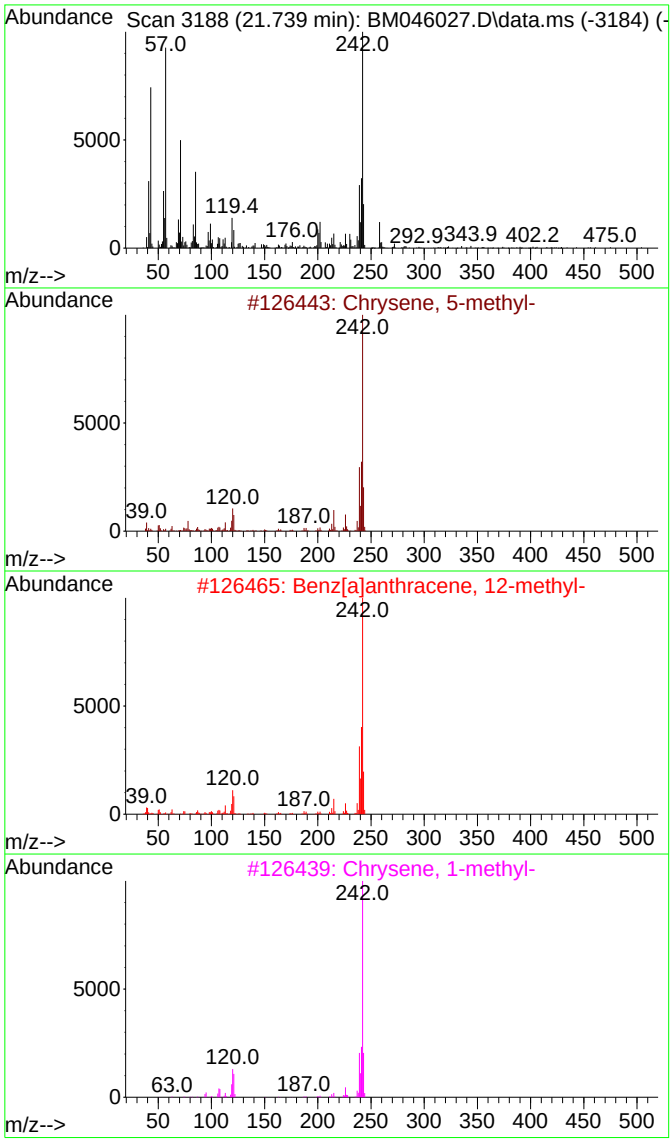
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

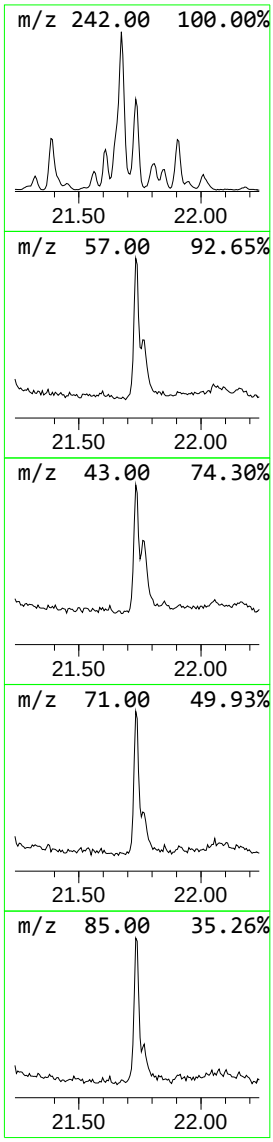
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Chrysene, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.738	2.55 ng/ul	745123	Chrysene-d12	21.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	86
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	70
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70





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Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

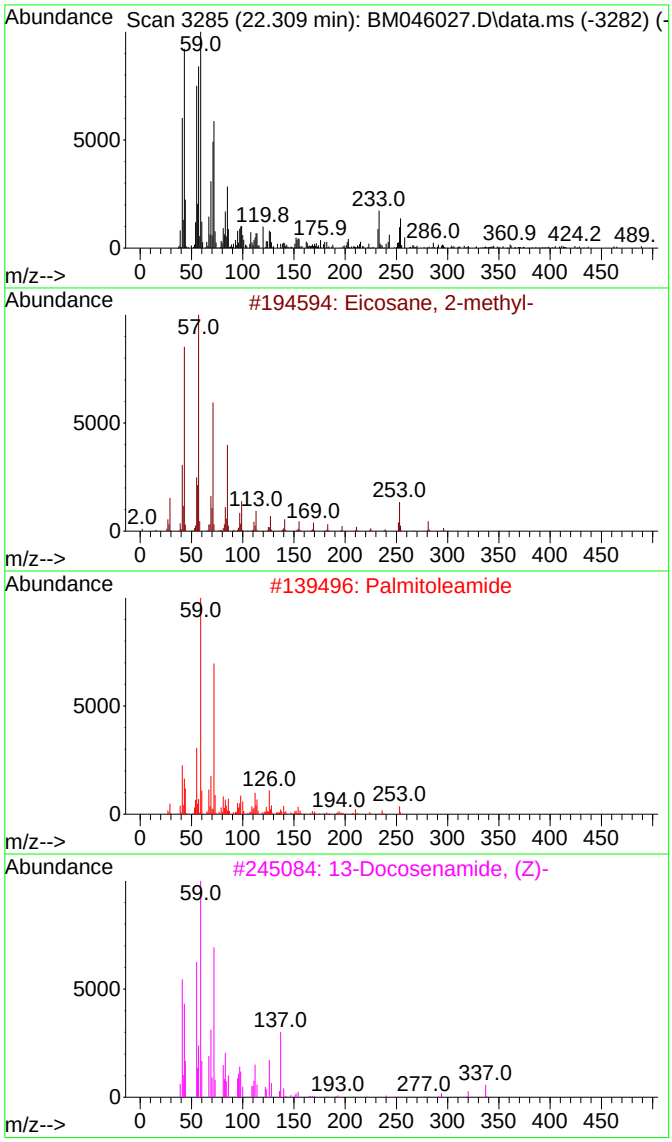
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

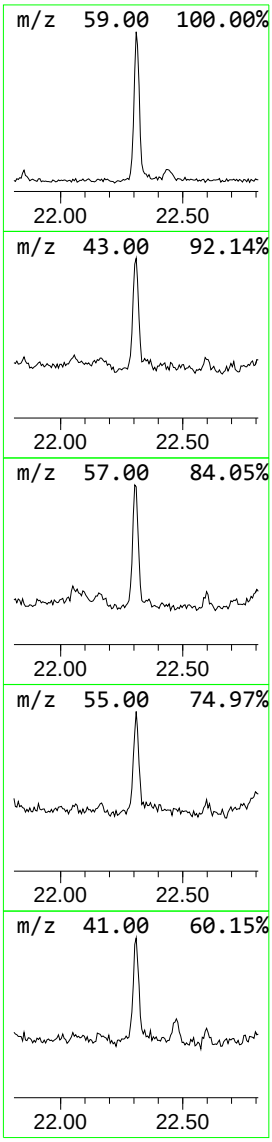
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.309	2.03 ng/ul	593140	Chrysene-d12	21.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	60
2	Palmitoleamide	253	C16H31NO	106010-22-4	60
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	55
4	Octadecane	254	C18H38	000593-45-3	47
5	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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

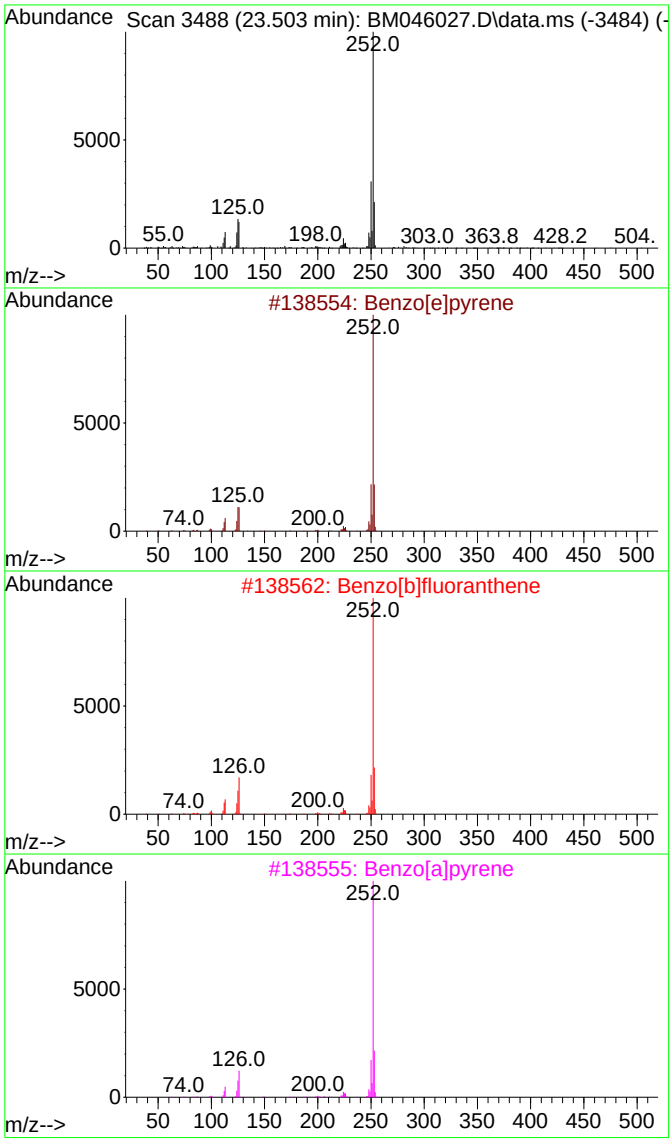
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

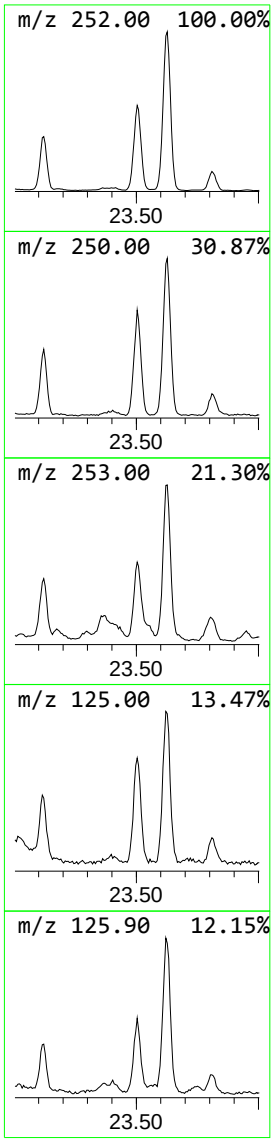
****

Peak Number 24 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.503	8.15 ng/ul	682509	Perylene-d12	23.750

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





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Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

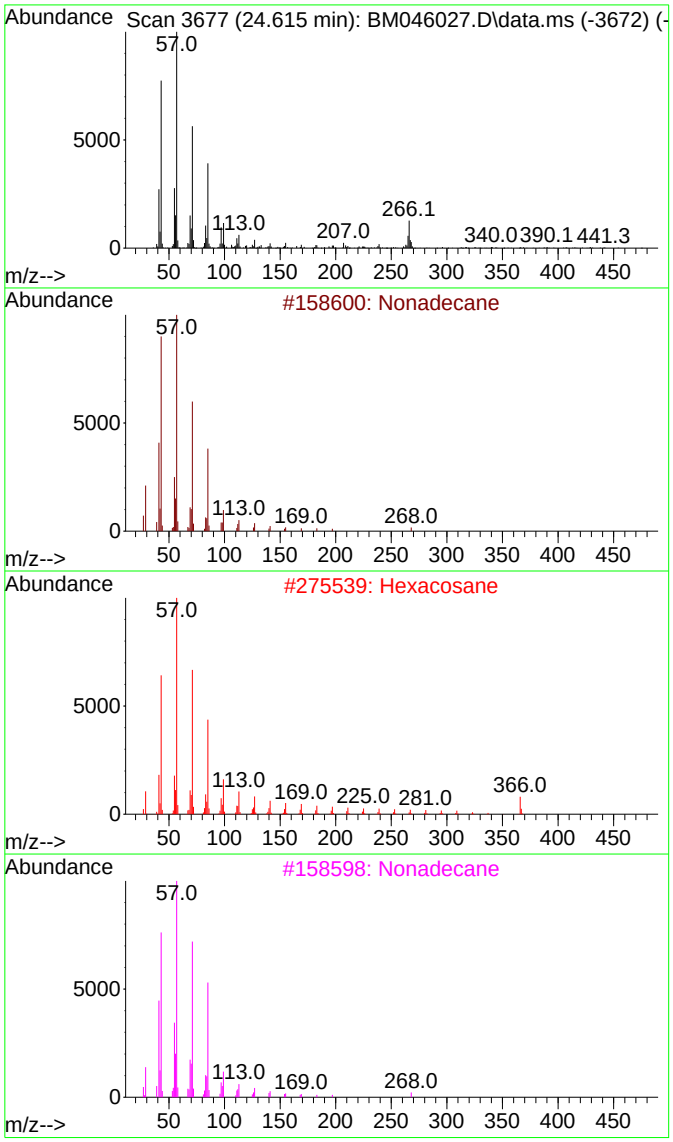
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

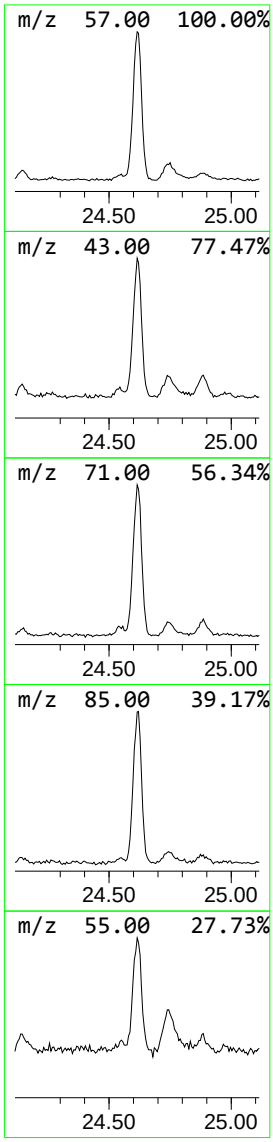
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.615	15.64 ng/ul	1309490	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hexacosane	366	C26H54	000630-01-3	89
3	Nonadecane	268	C19H40	000629-92-5	87
4	Docosane, 7-butyl-	366	C26H54	055282-15-0	83
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

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	4.622	2.8	ng/ul	130514	1	7.434	925659	20.0
1(2H)-Acenaphth...	15.821	2.3	ng/ul	191180	4	16.827	1679230	20.0
9H-Fluoren-9-one	16.492	2.6	ng/ul	219188	4	16.827	1679230	20.0
Naphtho[1,2-b]t...	16.645	2.5	ng/ul	214431	4	16.827	1679230	20.0
Phenanthrene, 2...	17.698	6.3	ng/ul	527975	4	16.827	1679230	20.0
Anthracene, 2-m...	17.756	21.1	ng/ul	1775650	4	16.827	1679230	20.0
4H-Cyclopenta[d...	17.892	11.7	ng/ul	983477	4	16.827	1679230	20.0
Anthracene, 1-m...	17.933	4.7	ng/ul	390075	4	16.827	1679230	20.0
Naphthalene, 2-...	18.209	3.1	ng/ul	263734	4	16.827	1679230	20.0
9,10-Anthracene...	18.250	5.8	ng/ul	491434	4	16.827	1679230	20.0
Phenanthrene, 3...	18.503	2.0	ng/ul	171274	4	16.827	1679230	20.0
Phenanthrene, 2...	18.627	6.1	ng/ul	513015	4	16.827	1679230	20.0
di-p-Tolylacety...	18.674	5.0	ng/ul	415676	4	16.827	1679230	20.0
Cyclopenta(def)...	18.774	6.2	ng/ul	523219	4	16.827	1679230	20.0
Octadecanoic acid	19.045	2.4	ng/ul	703448	5	21.044	5841870	20.0
Pyrene, 1-methyl-	19.586	2.8	ng/ul	820498	5	21.044	5841870	20.0
11H-Benzo[b]flu...	19.756	2.5	ng/ul	732429	5	21.044	5841870	20.0
Pyrene, 2-methyl-	19.915	2.3	ng/ul	668861	5	21.044	5841870	20.0
11H-Benzo[a]flu...	20.509	2.3	ng/ul	679714	5	21.044	5841870	20.0
Cyclopenta[cd]p...	20.750	4.8	ng/ul	1398200	5	21.044	5841870	20.0
7H-Benz[de]anth...	20.809	2.5	ng/ul	731129	5	21.044	5841870	20.0
Chrysene, 5-met...	21.738	2.5	ng/ul	745123	5	21.044	5841870	20.0
(DEL) Alkane: S...	22.309	2.0	ng/ul	593140	5	21.044	5841870	20.0
Benzo[e]pyrene	23.503	8.2	ng/ul	682509	6	23.750	1674040	20.0
(DEL) Alkane: S...	24.615	15.6	ng/ul	1309490	6	23.750	1674040	20.0