LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BM049559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.728	631	636	649	rBV2	102464	234900	1.64%	0.192%
2	6.863	653	659	670	rBV	83549	140104	0.98%	0.114%
3	7.057	686	692	701	rVB	106134	180307	1.26%	0.147%
4	7.510	762	769	782	rBV	840910	1311175	9.13%	1.070%
5	8.245	886	894	901	rBV	107183	201537	1.40%	0.165%
6	8.328	903	908	919	rVB	179205	313973	2.19%	0.256%
7	8.657	958	964	973	rBV	86553	160877	1.12%	0.131%
8	9.375	1078	1086	1091	rBV	66316	115362	0.80%	0.094%
9	9.928	1173	1180	1189	rBV	112965	231435	1.61%	0.189%
10	10.275	1232	1239	1243	rBV	1129126	1854429	12.91%	1.514%
11	10.322	1243	1247	1256	rVB	446413	724991	5.05%	0.592%
12	10.439	1261	1267	1275	rVV2	34296	73765	0.51%	0.060%
13	11.945	1514	1523	1532	rBV	201145	330453	2.30%	0.270%
14	12.169	1553	1561	1571	rVB	121883	212780	1.48%	0.174%
15	12.980	1693	1699	1705	rBV	87287	146425	1.02%	0.120%
16	13.180	1727	1733	1744	rVB	39053	84688	0.59%	0.069%
17	13.316	1749	1756	1758	rBV3	48919	89418	0.62%	0.073%
18	13.475	1777	1783	1788	rBV2	84873	157946	1.10%	0.129%
19	13.527	1788	1792	1796	rVV	57933	87206	0.61%	0.071%
20	13.575	1796	1800	1811	rVB	230866	346954	2.42%	0.283%
21	13.710	1817	1823	1827	rBV	44173	69123	0.48%	0.056%
22	13.845	1840	1846	1850	rBV	251189	404277	2.81%	0.330%
23	14.157	1891	1899	1905	rBV	1762062	2650247	18.45%	2.164%
24	14.222	1905	1910	1919	rVB	935051	1329124	9.25%	1.085%
25	14.445	1943	1948	1951	rBV3	67133	126029	0.88%	0.103%
26	14.557	1961	1967	1977	rVV	517307	776281	5.40%	0.634%
27	15.157	2063	2069	2073	rBV	312063	447509	3.12%	0.365%
28	15.210	2073	2078	2084	rVB	969184	1368937	9.53%	1.118%
29	15.310	2090	2095	2097	rBV3	57285	88573	0.62%	0.072%
30	15.339	2097	2100	2103	rVV	93440	129846	0.90%	0.106%
31	15.380	2103	2107	2111	rVV	104800	156825	1.09%	0.128%
32	15.463	2117	2121	2125	rVV	75492	114679	0.80%	0.094%
33	15.510	2125	2129	2140	rVV2	171776	328663	2.29%	0.268%
34	15.657	2149	2154	2162	rVV	171478	370403	2.58%	0.302%
35	15.751	2162	2170	2175	rVB3	41362	91971	0.64%	0.075%
36	15.898	2189	2195	2202	rVB4	69236	118281	0.82%	0.097%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	16.221	2239	2250	2255	rBV3	139268	331283	2.31%	0.270%
38	16.268	2255	2258	2264	rVB3	59893	88264	0.61%	0.072%
39	16.368	2271	2275	2281	rVB4	52465	92886	0.65%	0.076%
40	16.492	2293	2296	2299	rVB3	59230	73598	0.51%	0.060%
41	16.568	2304	2309	2318	rVB	249476	369553	2.57%	0.302%
42	16.663	2318	2325	2329	rBV2	88770	215295	1.50%	0.176%
43	16.727	2329	2336	2345	rVB	397758	640041	4.46%	0.523%
44	16.910	2361	2367	2371	rBV2	2084830	3214513	22.38%	2.624%
45	16.957	2371	2375	2380	rVV	8037308	11015480	76.69%	8.993%
46	17.015	2380	2385	2386	rVV2	433206	615567	4.29%	0.503%
47	17.045	2386	2390	2396	rVV	2081895	2798158	19.48%	2.284%
48	17.110	2396	2401	2407	rVB	178042	278913	1.94%	0.228%
49	17.292	2428	2432	2433	rBV	134795	149710	1.04%	0.122%
50	17.321	2433	2437	2443	rVB	848290	1131467	7.88%	0.924%
51	17.439	2452	2457	2462	rBV3	134053	216259	1.51%	0.177%
52	17.498	2463	2467	2476	rVB3	105541	191739	1.33%	0.157%
53	17.639	2487	2491	2497	rVB2	50435	87525	0.61%	0.071%
54	17.786	2511	2516	2521	rBV	603034	902778	6.29%	0.737%
55	17.839	2521	2525	2532	rVB	1027922	1352722	9.42%	1.104%
56	17.915	2533	2538	2543	rBV	318036	468008	3.26%	0.382%
57	17.986	2543	2550	2553	rBV2	1215667	1987053	13.83%	1.622%
58	18.021	2553	2556	2563	rVB	368103	520072	3.62%	0.425%
59	18.098	2565	2569	2572	rBV2	91993	133591	0.93%	0.109%
60	18.145	2573	2577	2581	rVB	101428	137487	0.96%	0.112%
61	18.298	2599	2603	2607	rBV	523298	658765	4.59%	0.538%
62	18.339	2607	2610	2616	rVB	414836	513619	3.58%	0.419%
63	18.545	2642	2645	2650	rVB2	130979	163193	1.14%	0.133%
64	18.598	2650	2654	2657	rBV	116401	151630	1.06%	0.124%
65	18.633	2657	2660	2664	rVB2	121688	155856	1.09%	0.127%
66	18.721	2670	2675	2681	rBV3	226372	453773	3.16%	0.370%
67	18.780	2681	2685	2689	rVV2	132067	216675	1.51%	0.177%
68	18.862	2694	2699	2707	rBV	300835	613254	4.27%	0.501%
69	18.986	2714	2720	2726	rBV	11278195	14362798	100.00%	11.725%
70	19.086	2734	2737	2741	rVB2	163118	207994	1.45%	0.170%
71	19.133	2742	2745	2749	rBV2	89674	114128	0.79%	0.093%
72	19.286	2767	2771	2773	rBV	356910	424140	2.95%	0.346%
73	19.321	2773	2777	2778	rVV	2241827	2556693	17.80%	2.087%
74	19.351	2778	2782	2791	rVV	7440607	10077152	70.16%	8.227%
75	19.421	2791	2794	2802	rVB	348560	486744	3.39%	0.397%
76	19.533	2809	2813	2818	rBV	502341	650449	4.53%	0.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	19.592	2819	2823	2829	rVB	389843	539299	3.75%	0.440%
78	19.692	2833	2840	2845	rVV2	403176	998888	6.95%	0.815%
79	19.815	2857	2861	2863	rBV4	336835	519851	3.62%	0.424%
80	19.851	2864	2867	2872	rVB	1261760	1647146	11.47%	1.345%
81	19.956	2880	2885	2888	rBV	956634	1247729	8.69%	1.019%
82	20.009	2888	2894	2897	rVV2	683316	1127940	7.85%	0.921%
83	20.051	2897	2901	2905	rVB	427525	591291	4.12%	0.483%
84	20.151	2915	2918	2921	rVB	231147	251702	1.75%	0.205%
85	20.198	2922	2926	2930	rBV2	307011	450740	3.14%	0.368%
86	20.386	2954	2958	2963	rBV	1520910	1693238	11.79%	1.382%
87	20.603	2992	2995	3002	rVB	628869	803775	5.60%	0.656%
88	20.768	3019	3023	3027	rBV3	622617	945987	6.59%	0.772%
89	20.809	3027	3030	3033	rVV	669583	762300	5.31%	0.622%
90	20.862	3034	3039	3043	rVV2	579597	1249656	8.70%	1.020%
91	20.909	3044	3047	3054	rVB	747333	1052729	7.33%	0.859%
92	21.139	3080	3086	3092	rBV3	5174481	10809557	75.26%	8.825%
93	21.192	3092	3095	3103	rVB	4080020	5292913	36.85%	4.321%
94	21.327	3114	3118	3125	rBV	599804	908101	6.32%	0.741%
95	21.797	3195	3198	3203	rVB	509888	700644	4.88%	0.572%
96	23.074	3408	3415	3421	rBV	2628600	7338466	51.09%	5.991%
97	23.286	3448	3451	3457	rVB	482900	839412	5.84%	0.685%
98	23.686	3515	3519	3532	rVB2	619257	1428529	9.95%	1.166%
99	23.809	3534	3540	3551	rVB	1515564	3463727	24.12%	2.828%
100	23.939	3556	3562	3570	rBV	1460234	3441783	23.96%	2.810%

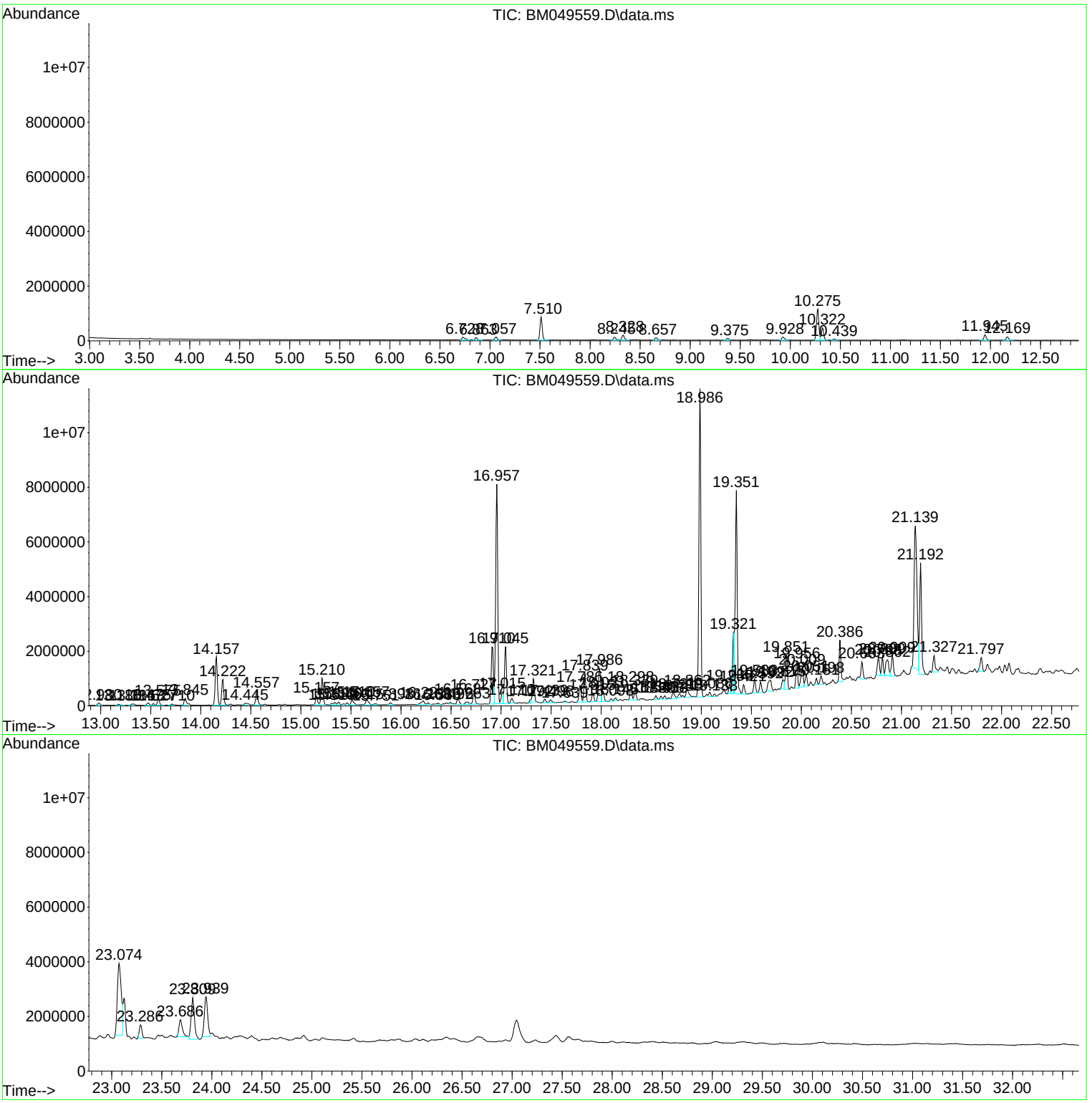
Sum of corrected areas: 122493721

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

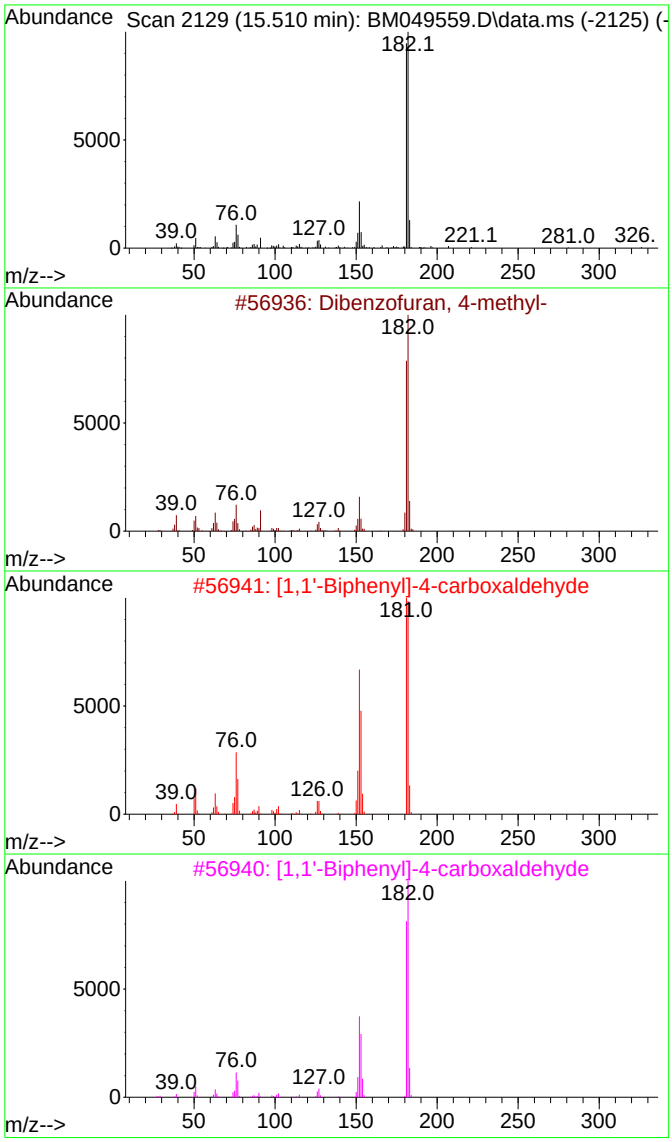
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

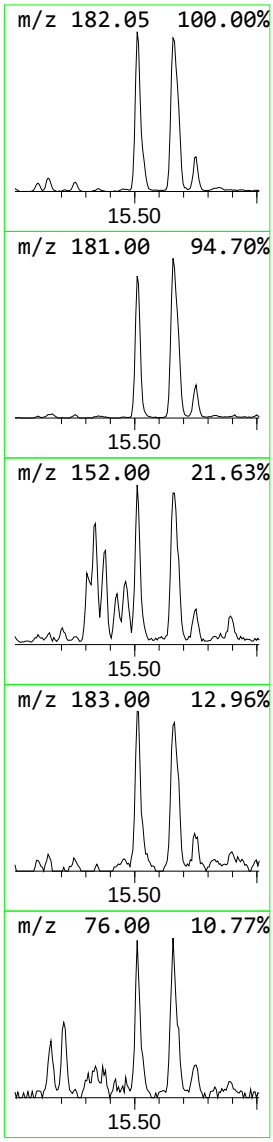
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	2.48 ng/ul	328663	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

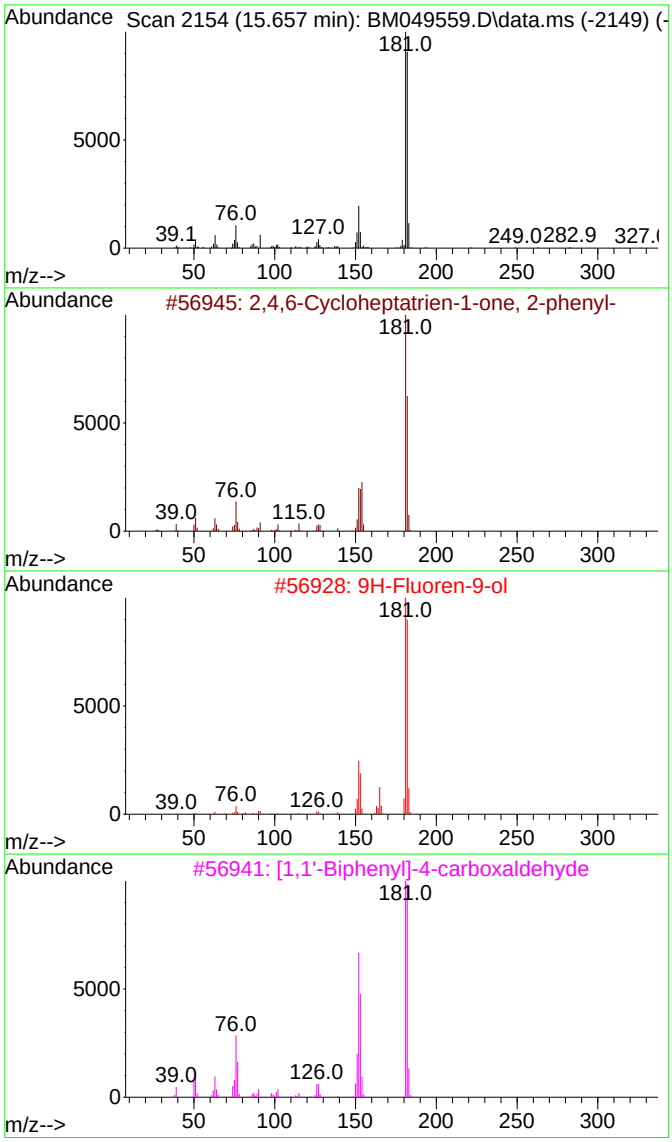
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

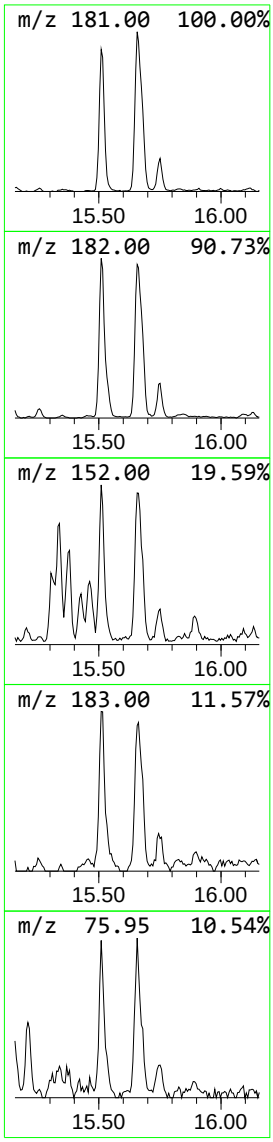
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	2.30 ng/ul	370403	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

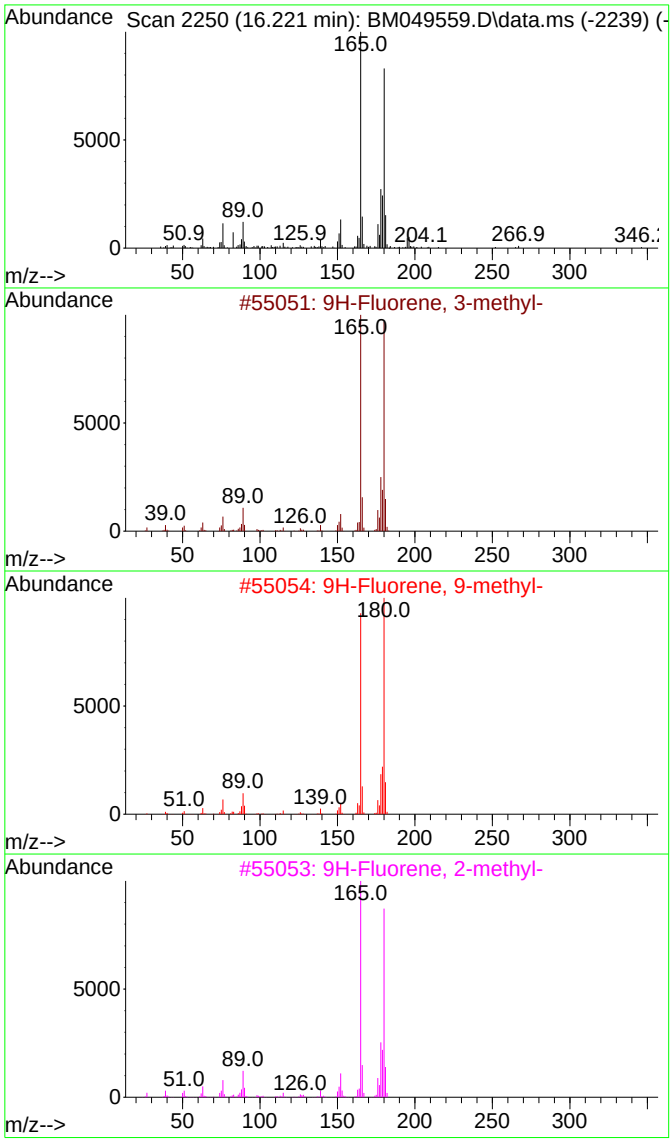
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

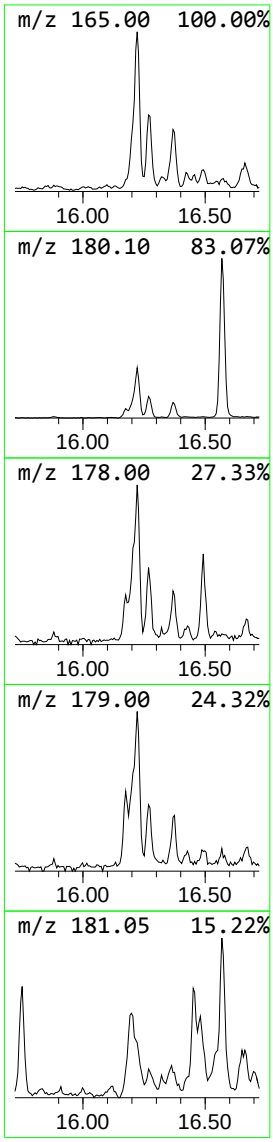
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	2.06 ng/ul	331283	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	98
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

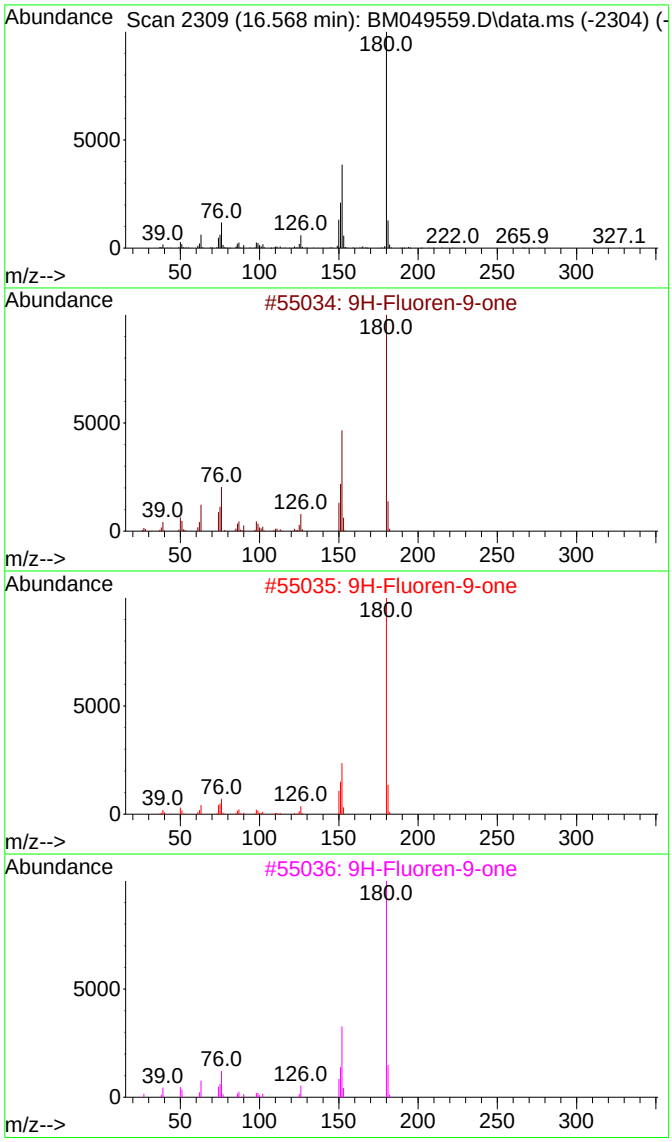
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

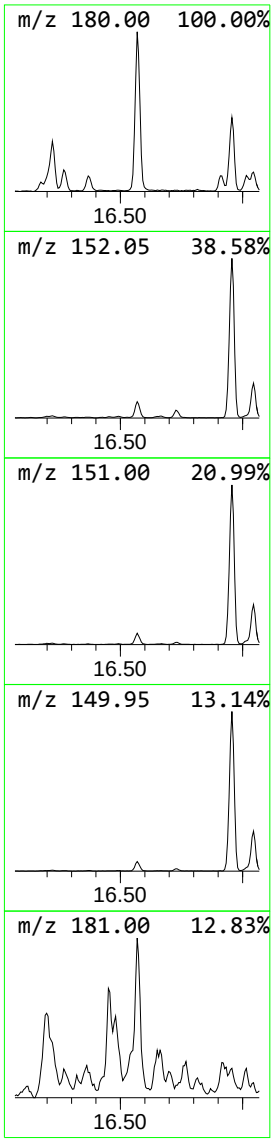
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.568	2.30 ng/ul	369553	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

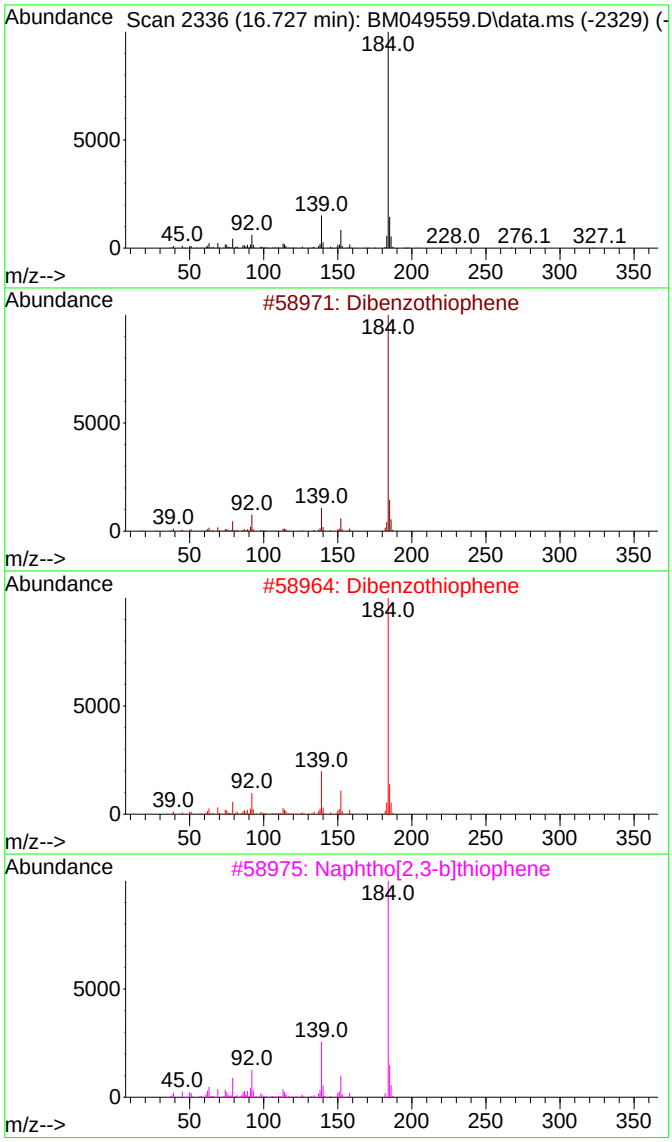
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

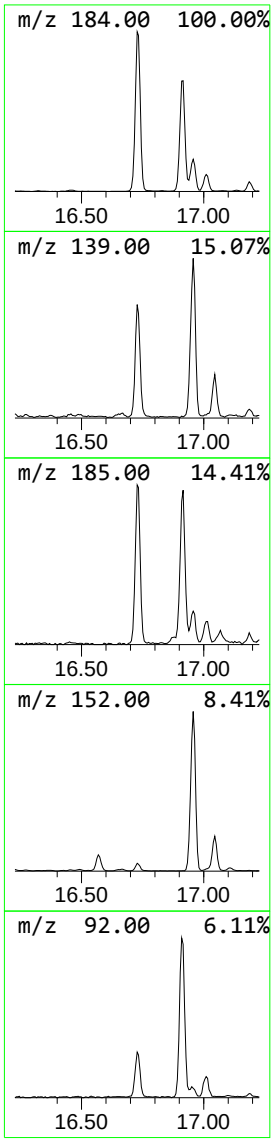
****

Peak Number 5 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	3.98 ng/ul	640041	Phenanthrene-d10	16.910

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	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

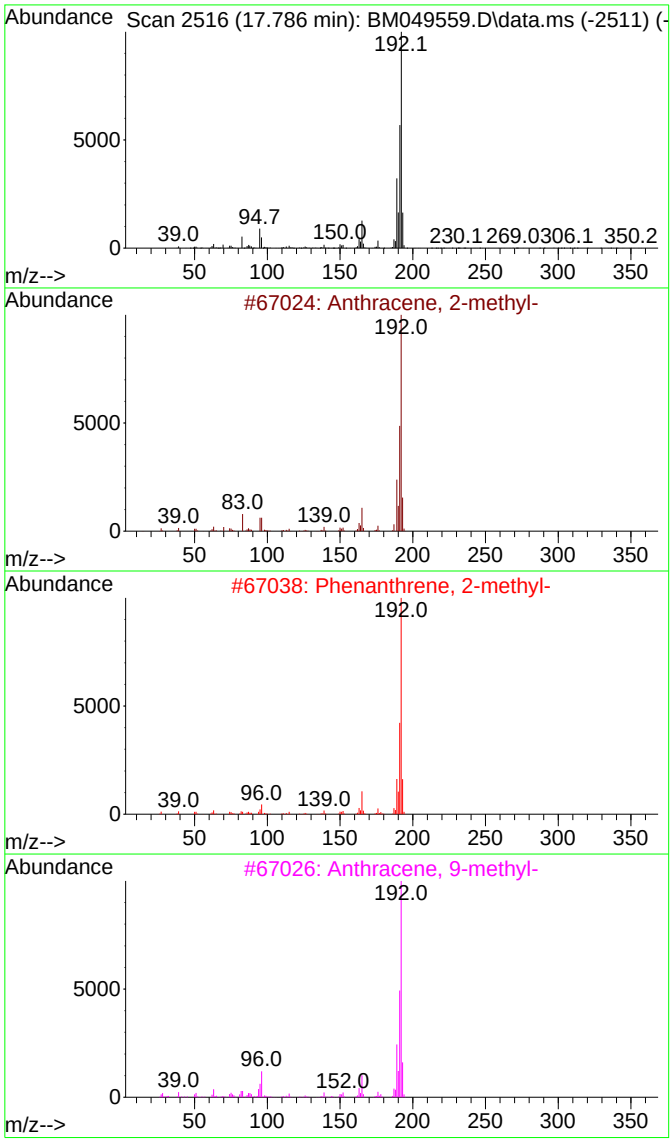
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

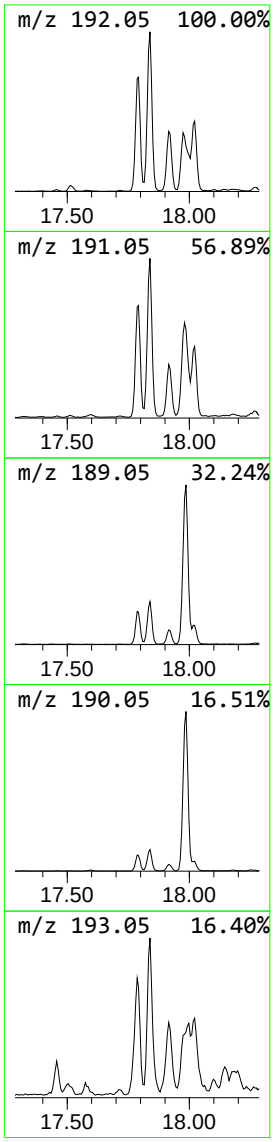
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	5.62 ng/ul	902778	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

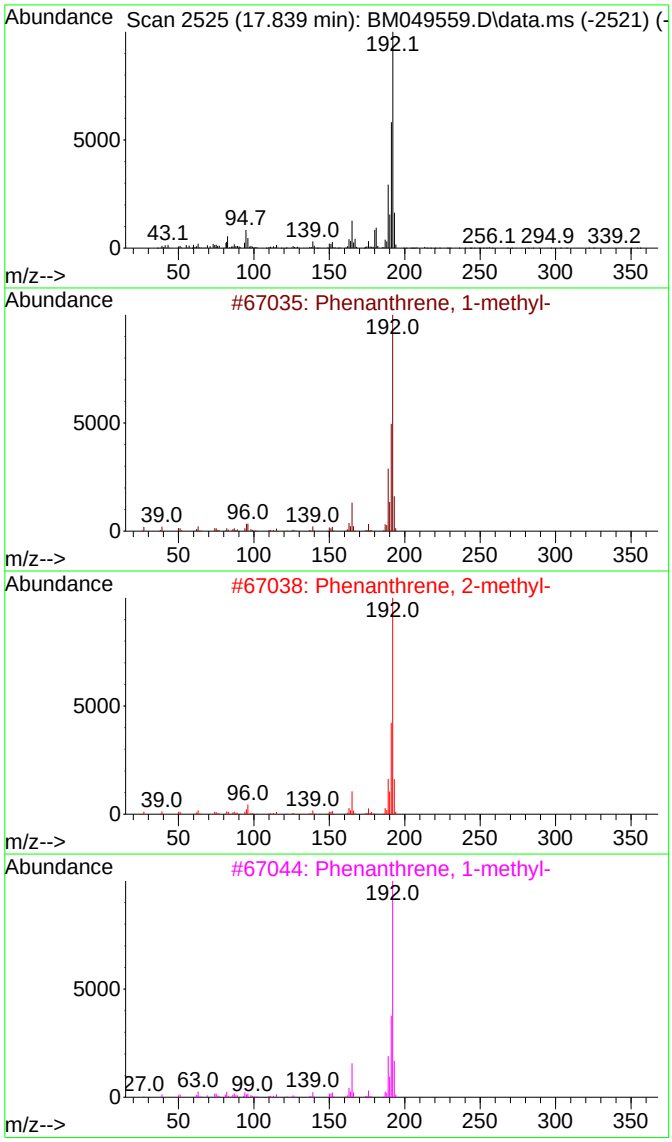
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

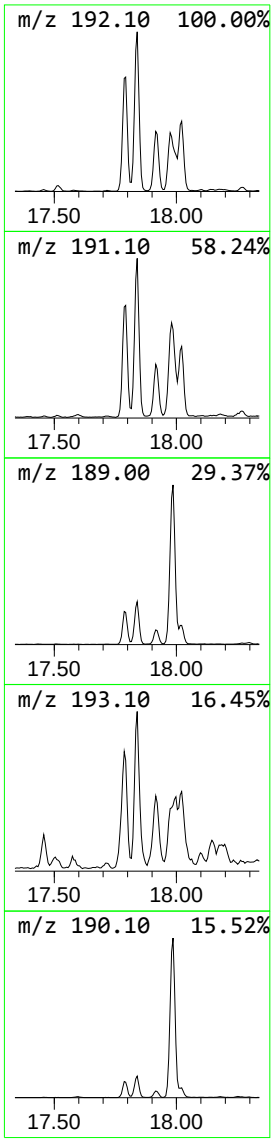
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	8.42 ng/ul	1352720	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

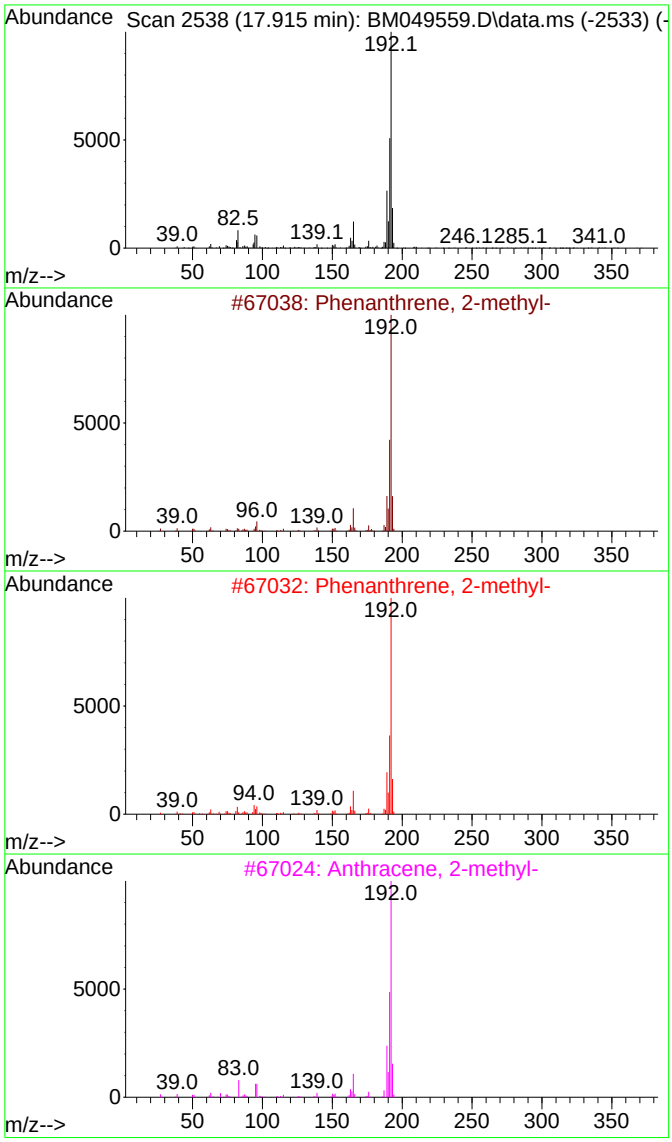
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

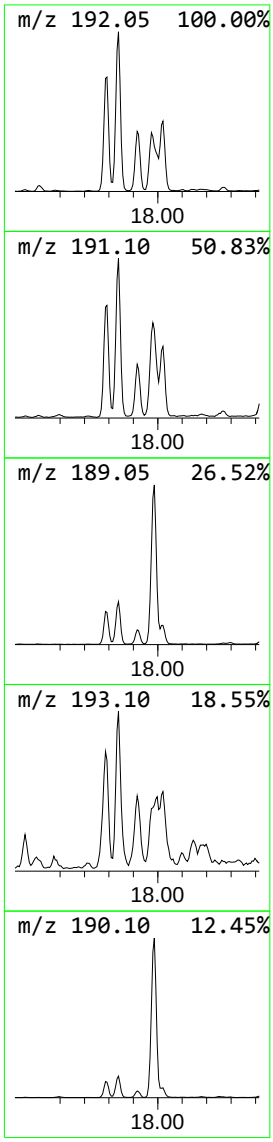
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	2.91 ng/ul	468008	Phenanthrene-d10	16.910

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

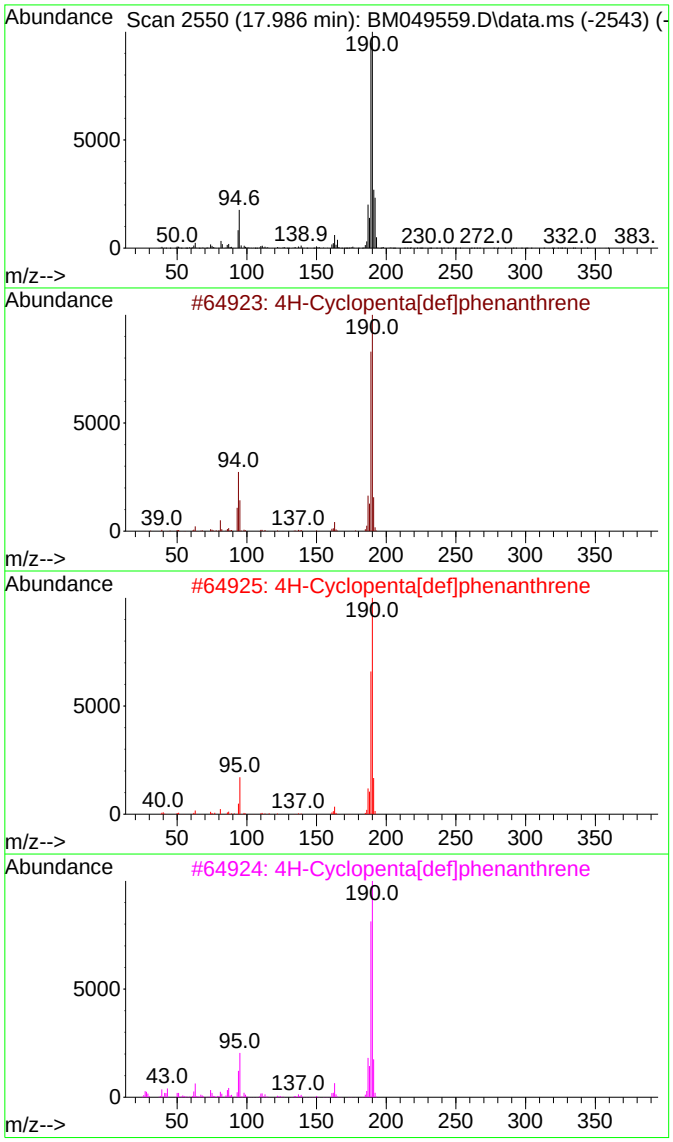
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

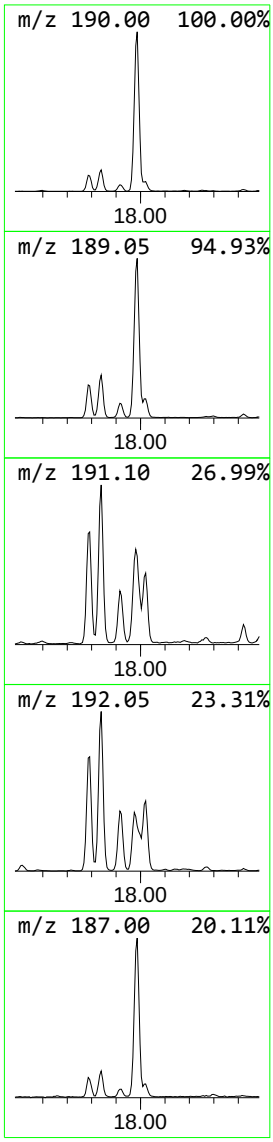
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	12.36 ng/ul	1987050	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

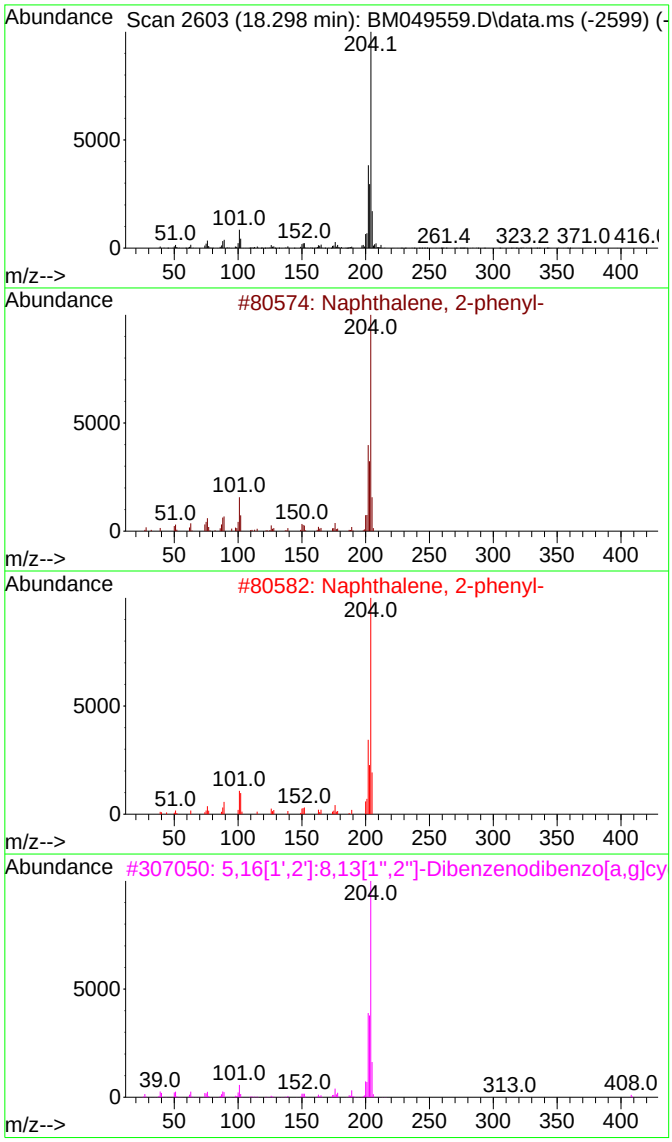
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

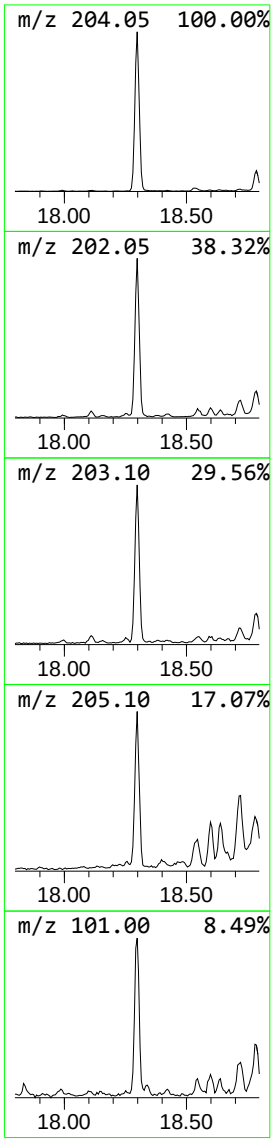
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.10 ng/ul	658765	Phenanthrene-d10	16.910

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	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

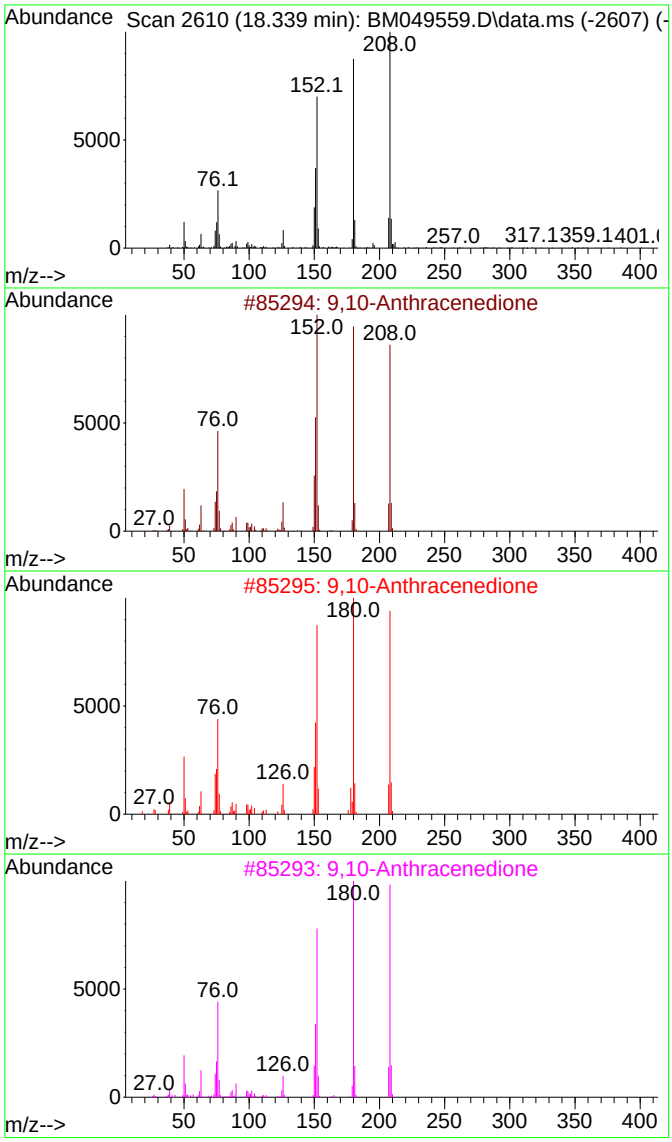
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

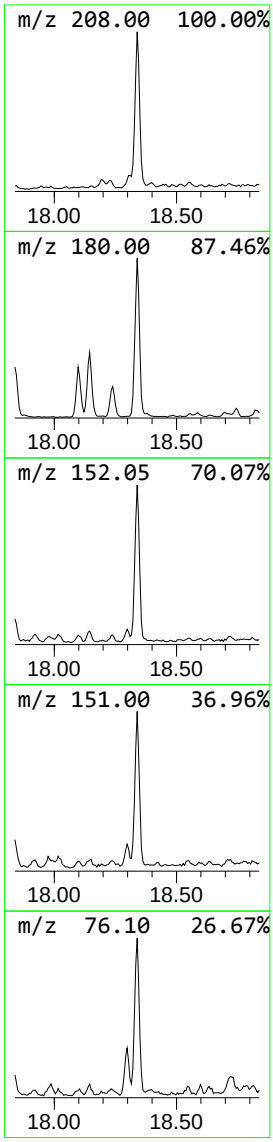
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	3.20 ng/ul	513619	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

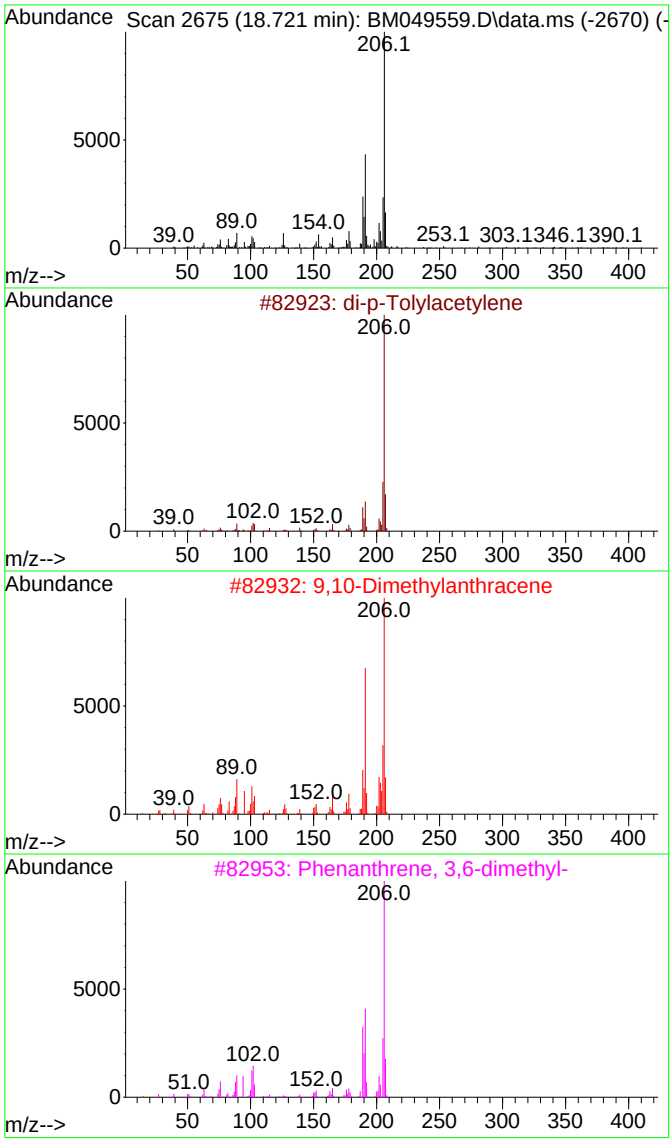
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

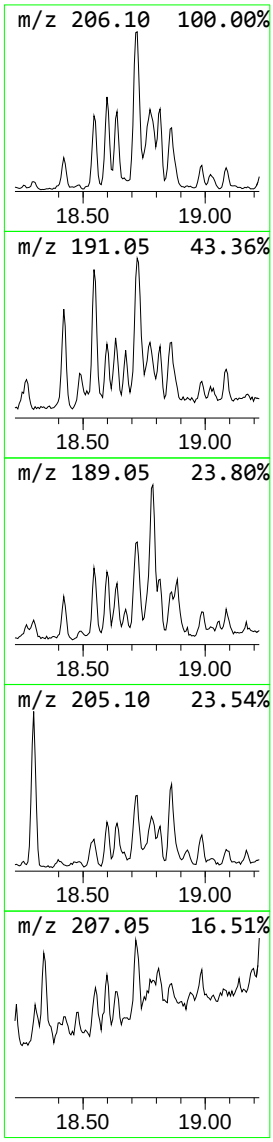
****

Peak Number 13 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.721	2.82 ng/ul	453773	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

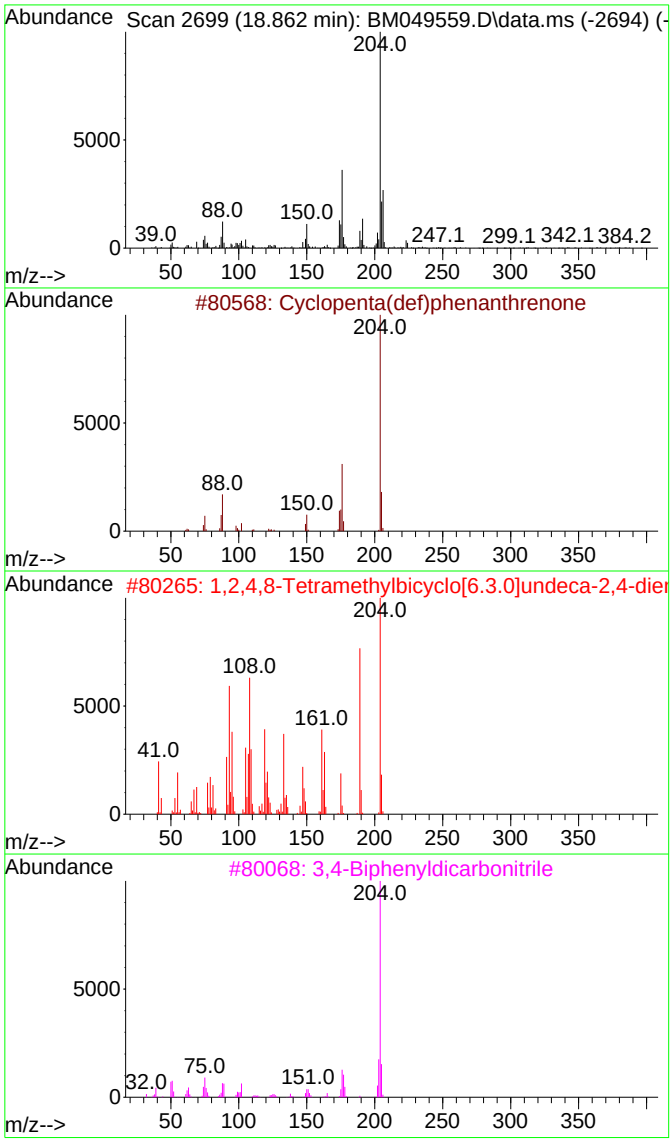
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

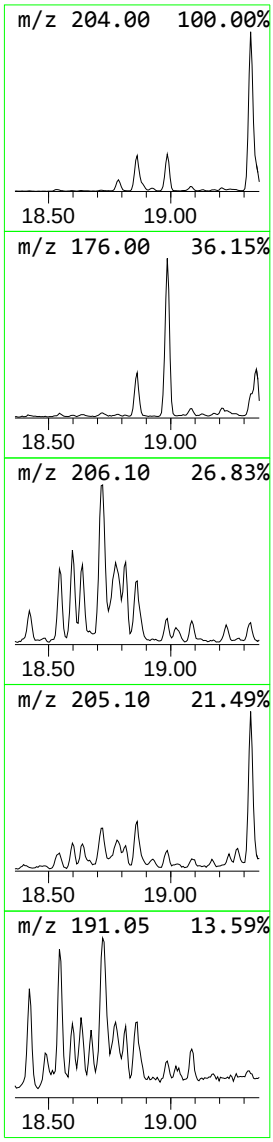
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	3.82 ng/ul	613254	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	95
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53





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Misc :
ALS Vial : 40 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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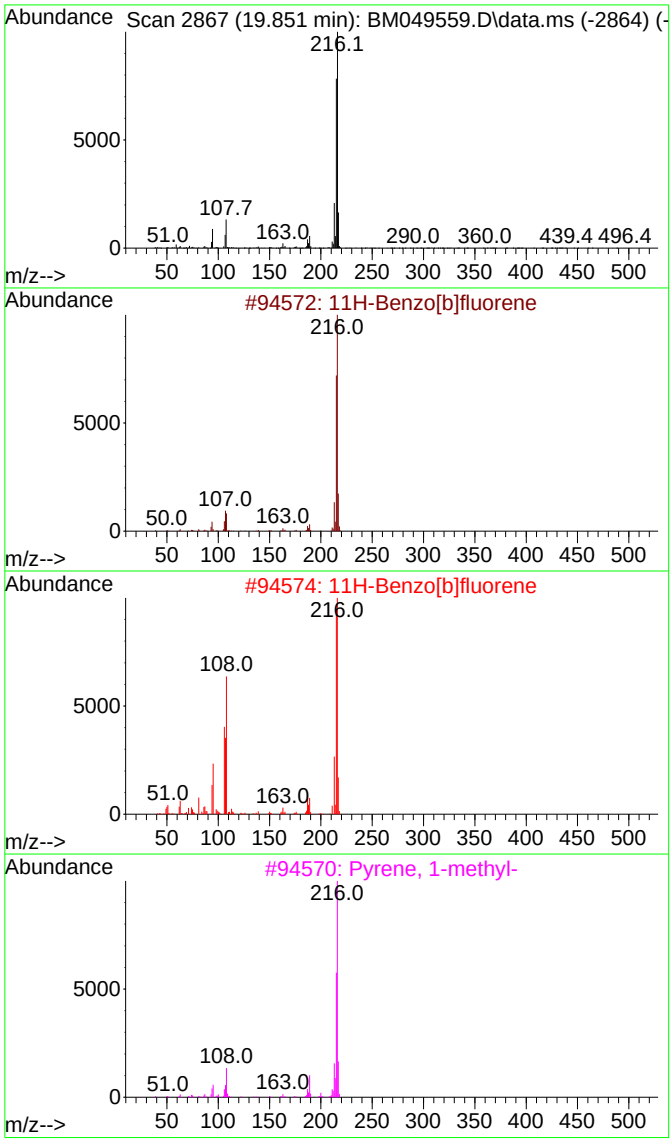
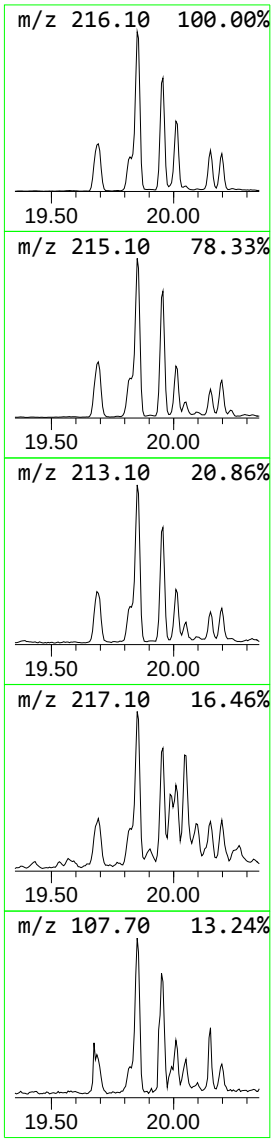
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.851	3.05 ng/ul	1647150	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A44S4DL

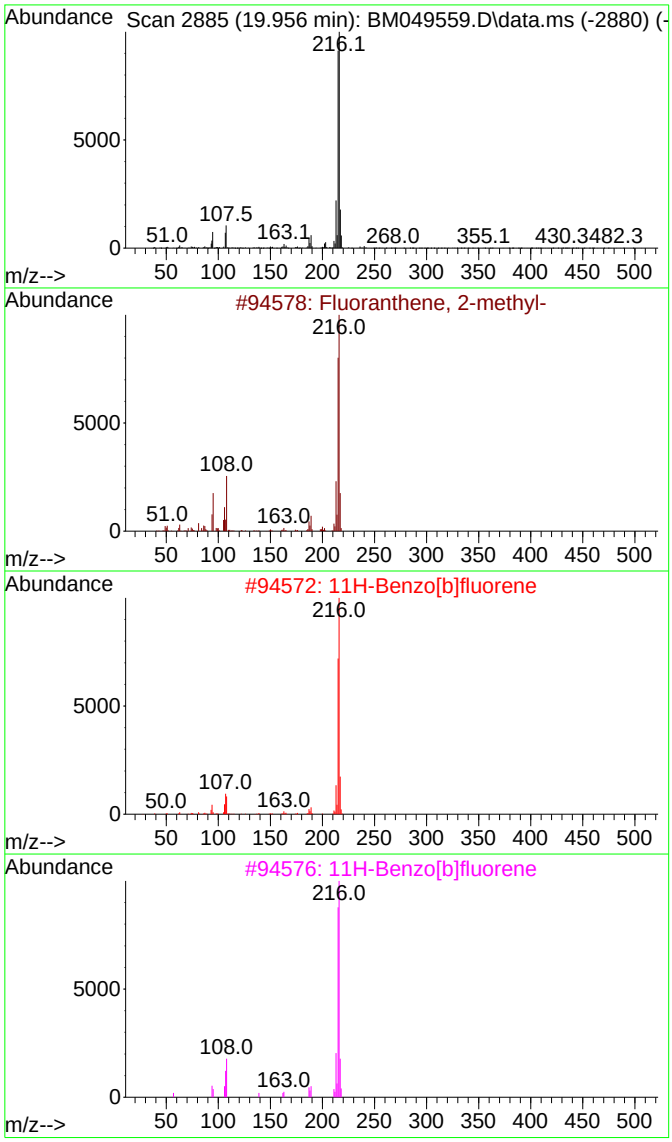
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

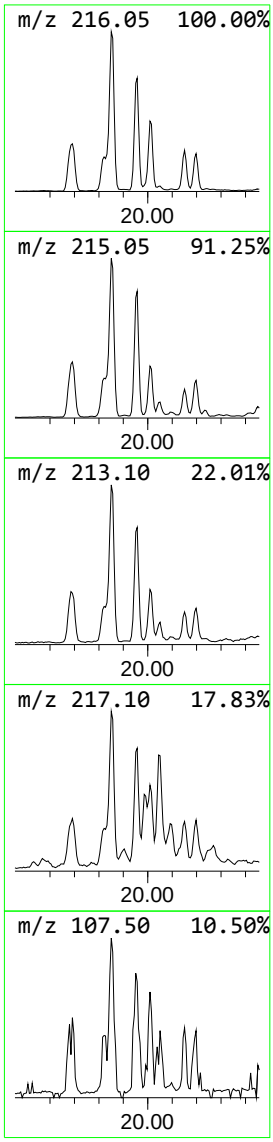
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.956	2.31 ng/ul	1247730	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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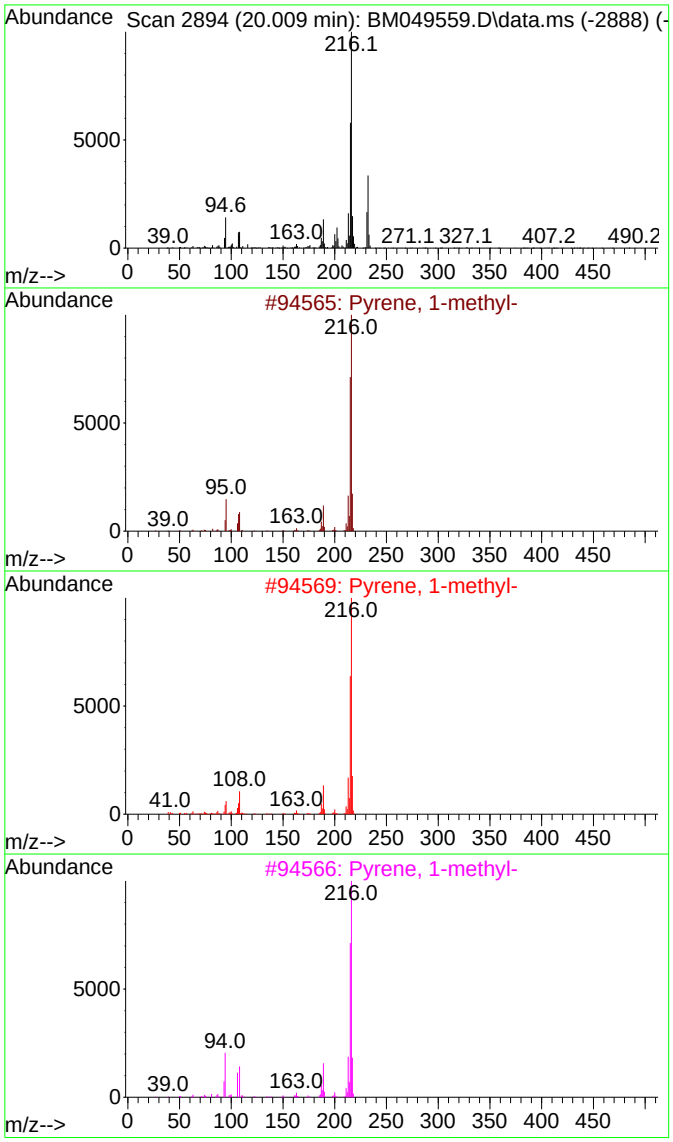
Quant Title : SVOA CALIBRATION

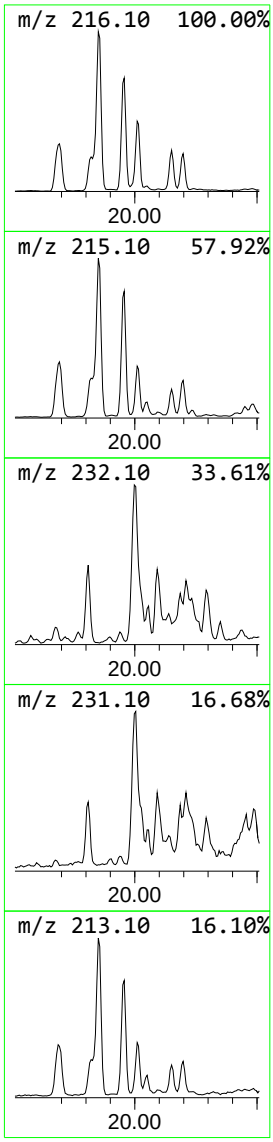
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	2.09 ng/ul	1127940	Chrysene-d12	21.151

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	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

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

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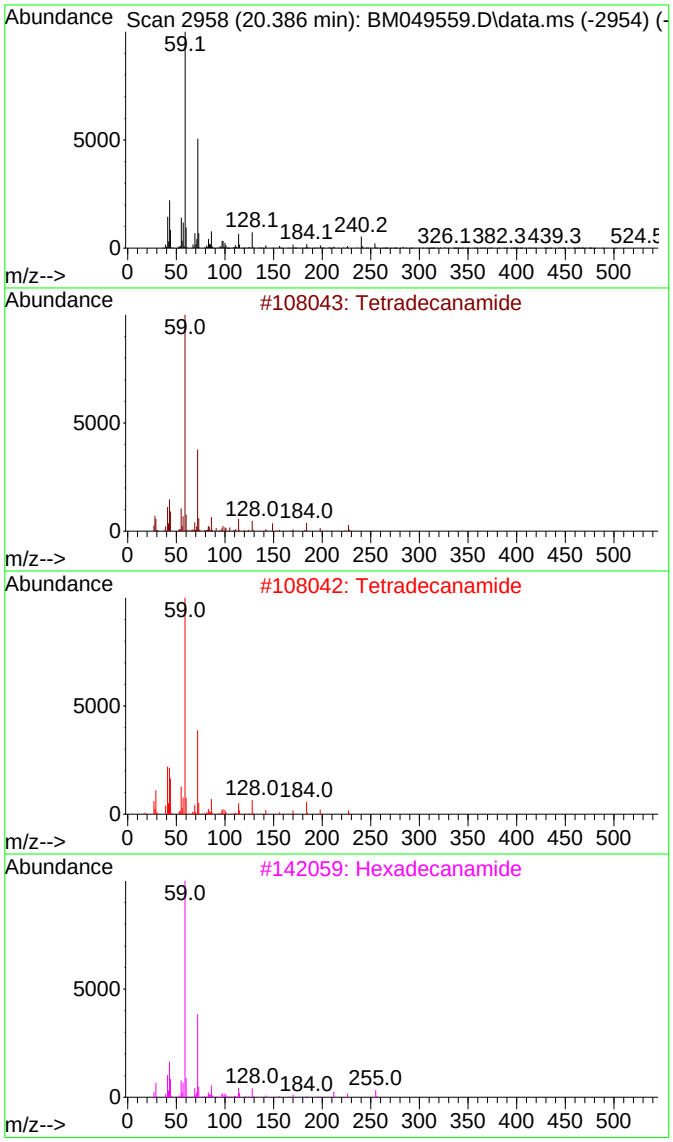
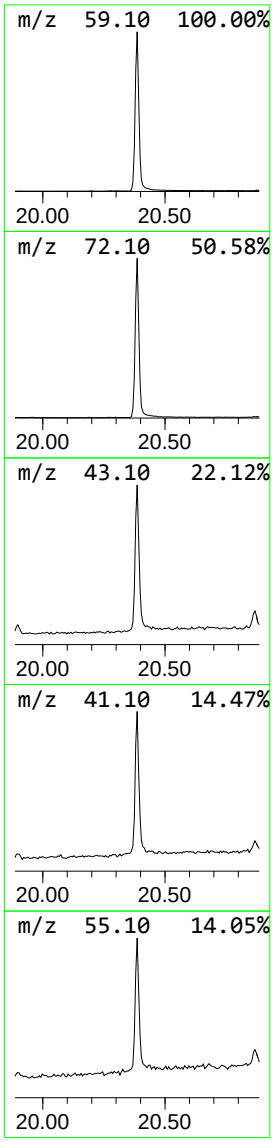
Peak Number 18 Tetradecanamide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	3.13 ng/ul	1693240	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	86
2	Tetradecanamide	227	C14H29NO	000638-58-4	86
3	Hexadecanamide	255	C16H33NO	000629-54-9	86
4	Hexadecanamide	255	C16H33NO	000629-54-9	72
5	Hexadecanamide	255	C16H33NO	000629-54-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
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Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

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

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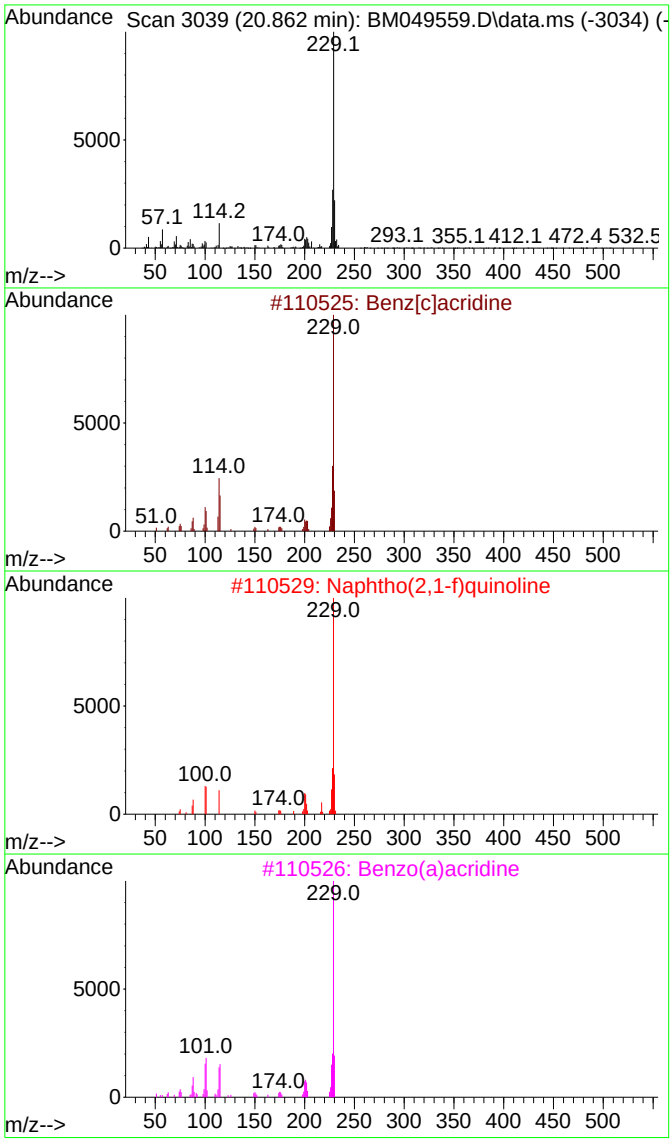
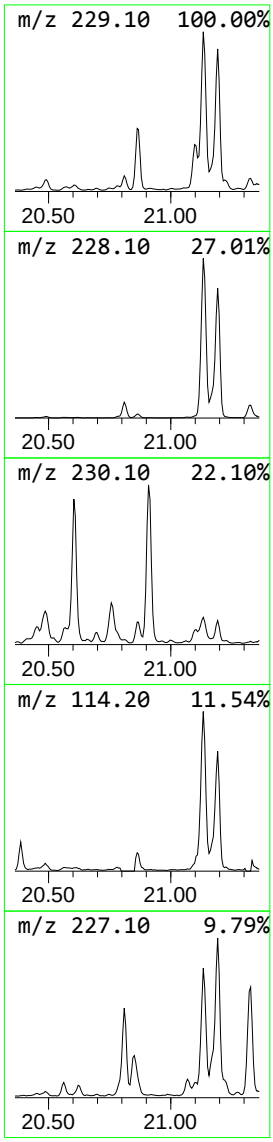
Peak Number 19 Benz[c]acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.862	2.31 ng/ul	1249660	Chrysene-d12	21.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	91
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	80
3	Benzo(a)acridine	229	C17H11N	000225-11-6	53
4	(10H)Acridin-9-one, 4-chloro-	229	C13H8ClNO	069220-40-2	50
5	Ferrocene, [(hydroxyimino)methyl...	229	C11H11FeNO	032679-07-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

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

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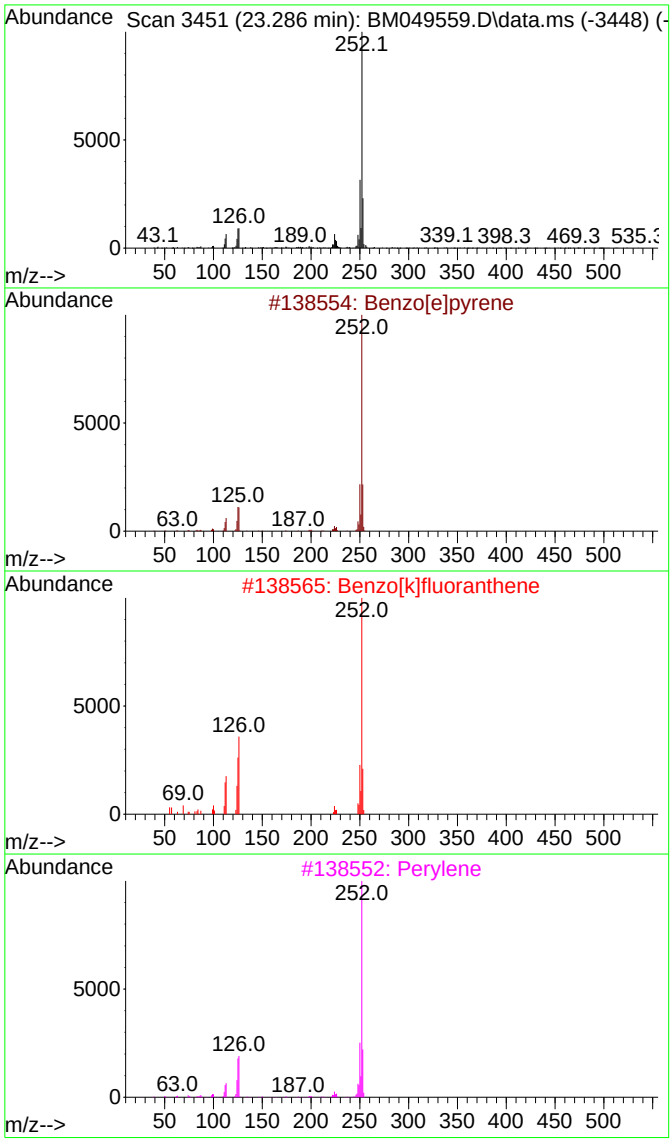
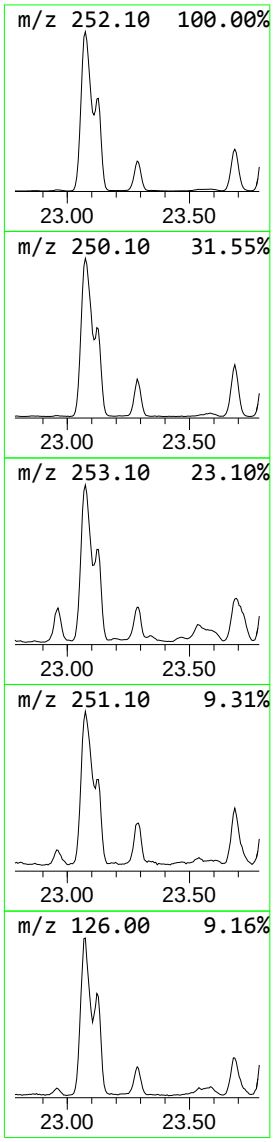
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.286	4.88 ng/ul	839412	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

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

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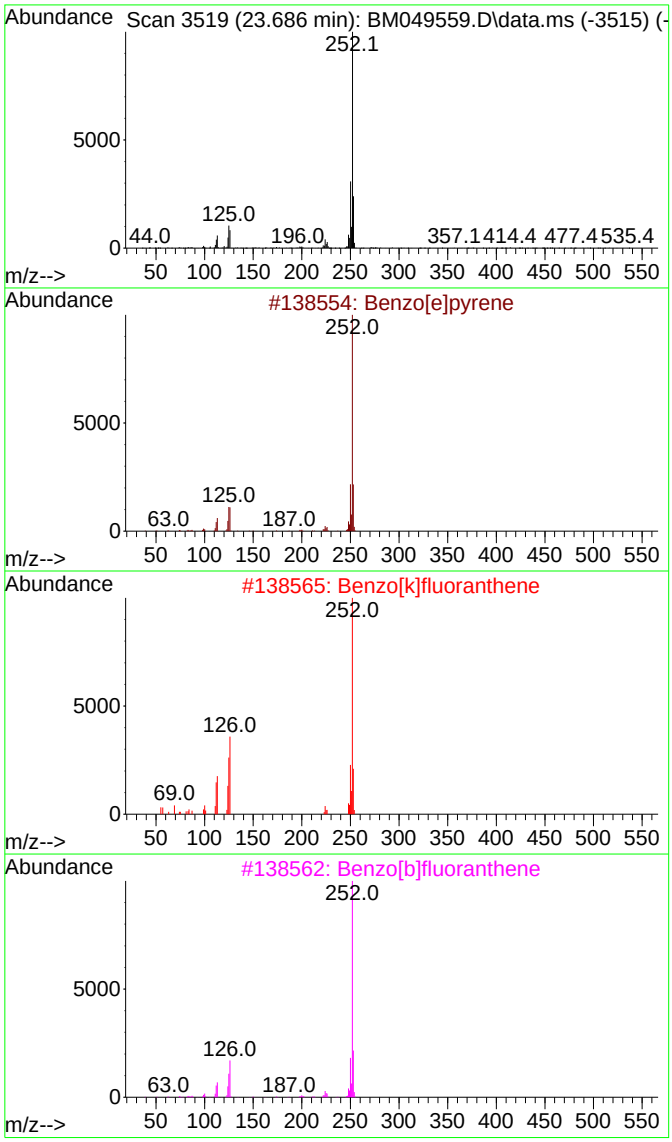
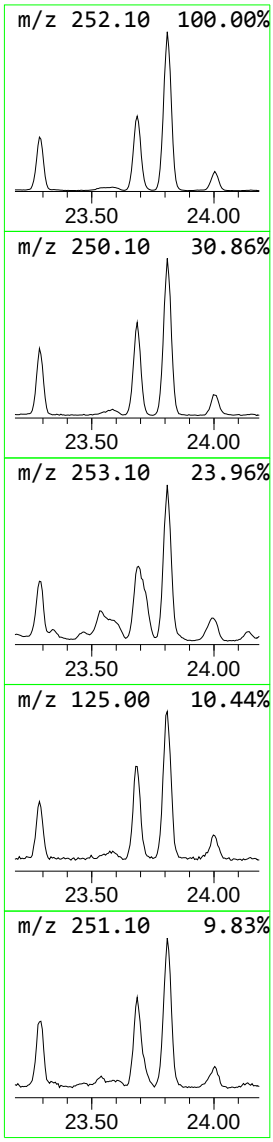
Peak Number 21 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.686	8.30 ng/ul	1428530	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4DL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzofuran, 4...	15.510	2.5	ng/ul	328663	3	14.157	2650250	20.0
2,4,6-Cycloheptatrien...	15.657	2.3	ng/ul	370403	4	16.910	3214510	20.0
9H-Fluorene, 3-...	16.221	2.1	ng/ul	331283	4	16.910	3214510	20.0
9H-Fluoren-9-one	16.568	2.3	ng/ul	369553	4	16.910	3214510	20.0
Dibenzothiophene	16.727	4.0	ng/ul	640041	4	16.910	3214510	20.0
Anthracene, 2-m...	17.786	5.6	ng/ul	902778	4	16.910	3214510	20.0
Phenanthrene, 1...	17.839	8.4	ng/ul	1352720	4	16.910	3214510	20.0
Phenanthrene, 2...	17.915	2.9	ng/ul	468008	4	16.910	3214510	20.0
4H-Cyclopenta[def]phe...	17.986	12.4	ng/ul	1987050	4	16.910	3214510	20.0
Naphthalene, 2-...	18.298	4.1	ng/ul	658765	4	16.910	3214510	20.0
9,10-Anthracenedione...	18.339	3.2	ng/ul	513619	4	16.910	3214510	20.0
di-p-Tolylacetylene	18.721	2.8	ng/ul	453773	4	16.910	3214510	20.0
Cyclopenta(def)phenan...	18.862	3.8	ng/ul	613254	4	16.910	3214510	20.0
11H-Benzo[b]fluorene	19.851	3.0	ng/ul	1647150	5	21.151	10809600	20.0
Fluoranthene, 2...	19.956	2.3	ng/ul	1247730	5	21.151	10809600	20.0
Pyrene, 1-methyl-	20.009	2.1	ng/ul	1127940	5	21.151	10809600	20.0
Tetradecanamide	20.386	3.1	ng/ul	1693240	5	21.151	10809600	20.0
Benz[c]acridine	20.862	2.3	ng/ul	1249660	5	21.151	10809600	20.0
Benzo[e]pyrene	23.286	4.9	ng/ul	839412	6	23.939	3441780	20.0
Perylene	23.686	8.3	ng/ul	1428530	6	23.939	3441780	20.0