LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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: BM049556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.722	630	635	648	rVV2	476573	1027584	2.12%	0.214%
2	6.857	652	658	669	rBV	379403	605027	1.25%	0.126%
3	7.057	686	692	702	rVB	498507	773035	1.60%	0.161%
4	7.510	761	769	780	rBV	810248	1270341	2.62%	0.265%
5	8.239	886	893	899	rBV	541783	899121	1.86%	0.187%
6	8.322	899	907	917	rVB	858538	1443725	2.98%	0.301%
7	8.651	957	963	972	rVB	419291	693069	1.43%	0.144%
8	9.369	1078	1085	1092	rBV	353601	593454	1.23%	0.124%
9	9.916	1172	1178	1188	rBV	586148	1022338	2.11%	0.213%
10	10.269	1231	1238	1242	rBV	1110694	1800805	3.72%	0.375%
11	10.322	1242	1247	1255	rVV	1856666	3097709	6.40%	0.645%
12	11.939	1514	1522	1530	rBV	908888	1415069	2.92%	0.295%
13	12.163	1550	1560	1572	rVB	553023	907477	1.87%	0.189%
14	12.980	1692	1699	1708	rBV	403075	644112	1.33%	0.134%
15	13.469	1775	1782	1787	rBV	360414	645891	1.33%	0.135%
16	13.574	1795	1800	1810	rVB	1076798	1496447	3.09%	0.312%
17	13.839	1836	1845	1849	rBV	1115255	1729467	3.57%	0.360%
18	14.151	1890	1898	1904	rVV2	1738136	2766982	5.71%	0.576%
19	14.216	1904	1909	1918	rVV	3942003	5867287	12.11%	1.222%
20	14.433	1941	1946	1950	rVV2	388467	789222	1.63%	0.164%
21	14.557	1960	1967	1975	rVV	2357759	3531329	7.29%	0.736%
22	15.151	2063	2068	2073	rVV	1356170	2054539	4.24%	0.428%
23	15.210	2073	2078	2084	rVV	4448489	6206189	12.81%	1.293%
24	15.333	2096	2099	2102	rVV	408683	563335	1.16%	0.117%
25	15.374	2102	2106	2110	rVV	456564	676061	1.40%	0.141%
26	15.510	2124	2129	2139	rVB2	748013	1403323	2.90%	0.292%
27	15.657	2149	2154	2162	rVV	768747	1601292	3.31%	0.334%
28	16.215	2237	2249	2254	rBV3	598706	1447565	2.99%	0.302%
29	16.568	2304	2309	2317	rVB	1147930	1685792	3.48%	0.351%
30	16.662	2317	2325	2329	rBV2	397351	948617	1.96%	0.198%
31	16.727	2329	2336	2347	rVB	1837133	2788094	5.76%	0.581%
32	16.909	2362	2367	2370	rBV	1884393	2895825	5.98%	0.603%
33	16.962	2370	2376	2381	rVV2	23877242	39644659	81.85%	8.258%
34	17.015	2381	2385	2387	rVV2	1806653	2828883	5.84%	0.589%
35	17.045	2387	2390	2396	rVV	8538011	10980591	22.67%	2.287%
36	17.104	2396	2400	2406	rVB	775967	1131007	2.34%	0.236%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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	17.292	2426	2432	2433	rBV	621792	796960	1.65%	0.166%
38	17.321	2433	2437	2442	rVB	3669658	4818989	9.95%	1.004%
39	17.433	2451	2456	2461	rBV3	604087	901703	1.86%	0.188%
40	17.492	2462	2466	2475	rVB3	501070	910136	1.88%	0.190%
41	17.786	2510	2516	2520	rBV	2781981	3844574	7.94%	0.801%
42	17.839	2520	2525	2532	rVB	4493117	6060873	12.51%	1.263%
43	17.915	2532	2538	2543	rBV	1500532	2061585	4.26%	0.429%
44	17.980	2543	2549	2553	rBV2	5223606	8696304	17.95%	1.812%
45	18.021	2553	2556	2564	rVB	1663594	2185534	4.51%	0.455%
46	18.098	2564	2569	2572	rBV2	379005	610437	1.26%	0.127%
47	18.139	2572	2576	2580	rVB	473617	618299	1.28%	0.129%
48	18.298	2598	2603	2606	rBV	2173831	2751692	5.68%	0.573%
49	18.339	2606	2610	2616	rVB	1837310	2401237	4.96%	0.500%
50	18.545	2641	2645	2650	rVB2	516229	714843	1.48%	0.149%
51	18.598	2650	2654	2657	rBV	505146	635425	1.31%	0.132%
52	18.633	2657	2660	2664	rVB2	579558	675195	1.39%	0.141%
53	18.715	2669	2674	2680	rBV3	840968	1731710	3.58%	0.361%
54	18.780	2681	2685	2688	rVV2	600317	942808	1.95%	0.196%
55	18.862	2694	2699	2707	rVV	1231190	2458625	5.08%	0.512%
56	18.998	2714	2722	2727	rVB2	27995732	48434818	100.00%	10.090%
57	19.086	2734	2737	2741	rVV	696996	855659	1.77%	0.178%
58	19.133	2741	2745	2749	rVB	477251	586090	1.21%	0.122%
59	19.227	2749	2761	2766	rBV2	1001956	2734297	5.65%	0.570%
60	19.286	2766	2771	2773	rVV	2513273	3219812	6.65%	0.671%
61	19.356	2773	2783	2790	rVV3	21582482	46814632	96.65%	9.752%
62	19.421	2790	2794	2801	rVB	1369088	2007430	4.14%	0.418%
63	19.533	2808	2813	2818	rVB	2056630	2566702	5.30%	0.535%
64	19.592	2819	2823	2828	rVB	1585625	2240270	4.63%	0.467%
65	19.686	2831	2839	2844	rBV2	1726378	4498529	9.29%	0.937%
66	19.815	2856	2861	2863	rBV2	1636582	2553228	5.27%	0.532%
67	19.856	2863	2868	2872	rVB	5168747	7294534	15.06%	1.520%
68	19.898	2872	2875	2879	rBV3	372113	525629	1.09%	0.109%
69	19.956	2880	2885	2888	rBV	3921887	5019474	10.36%	1.046%
70	20.009	2888	2894	2898	rVV2	2602985	4410056	9.11%	0.919%
71	20.050	2898	2901	2905	rVB	1860147	2170042	4.48%	0.452%
72	20.092	2905	2908	2913	rBV2	640859	861529	1.78%	0.179%
73	20.150	2914	2918	2921	rBV	1005904	1182696	2.44%	0.246%
74	20.198	2921	2926	2930	rBV2	1279729	1892470	3.91%	0.394%
75	20.392	2954	2959	2963	rBV	7328985	8958821	18.50%	1.866%
76	20.568	2985	2989	2992	rBV2	546930	947411	1.96%	0.197%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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	20.603	2992	2995	3002	rVB	2508216	3554725	7.34%	0.740%
78	20.768	3018	3023	3027	rBV3	3112170	4762232	9.83%	0.992%
79	20.809	3027	3030	3034	rVV	2943432	3868805	7.99%	0.806%
80	20.862	3034	3039	3043	rVV2	2682512	5696324	11.76%	1.187%
81	20.915	3044	3048	3053	rVB	2976466	4182646	8.64%	0.871%
82	21.139	3077	3086	3092	rBV3	16977583	35675801	73.66%	7.432%
83	21.203	3092	3097	3107	rVB	14583913	23231442	47.96%	4.839%
84	21.327	3114	3118	3125	rBV	2704066	4024692	8.31%	0.838%
85	21.456	3138	3140	3144	rVB	1068701	1344538	2.78%	0.280%
86	21.503	3145	3148	3156	rVV2	893462	1926740	3.98%	0.401%
87	21.568	3156	3159	3164	rVB2	536231	791268	1.63%	0.165%
88	21.727	3182	3186	3191	rBV2	708063	1222128	2.52%	0.255%
89	21.797	3194	3198	3203	rVV	2322375	3723972	7.69%	0.776%
90	21.862	3205	3209	3216	rVB	1118631	1869946	3.86%	0.390%
91	22.033	3234	3238	3242	rBV	1226374	1988839	4.11%	0.414%
92	22.074	3242	3245	3252	rVB3	1667394	2675414	5.52%	0.557%
93	22.162	3254	3260	3270	rVB4	767277	2147190	4.43%	0.447%
94	22.386	3295	3298	3304	rVB2	770212	1266336	2.61%	0.264%
95	23.091	3408	3418	3423	rBV	10424838	30635432	63.25%	6.382%
96	23.297	3447	3453	3459	rBV	2092560	3815839	7.88%	0.795%
97	23.697	3515	3521	3534	rVB2	2495703	6671811	13.77%	1.390%
98	23.827	3535	3543	3554	rVB	6003469	14303974	29.53%	2.980%
99	23.944	3558	3563	3569	rBV	1272589	2852665	5.89%	0.594%
100	27.074	4084	4095	4112	rVB2	3386011	14350937	29.63%	2.989%

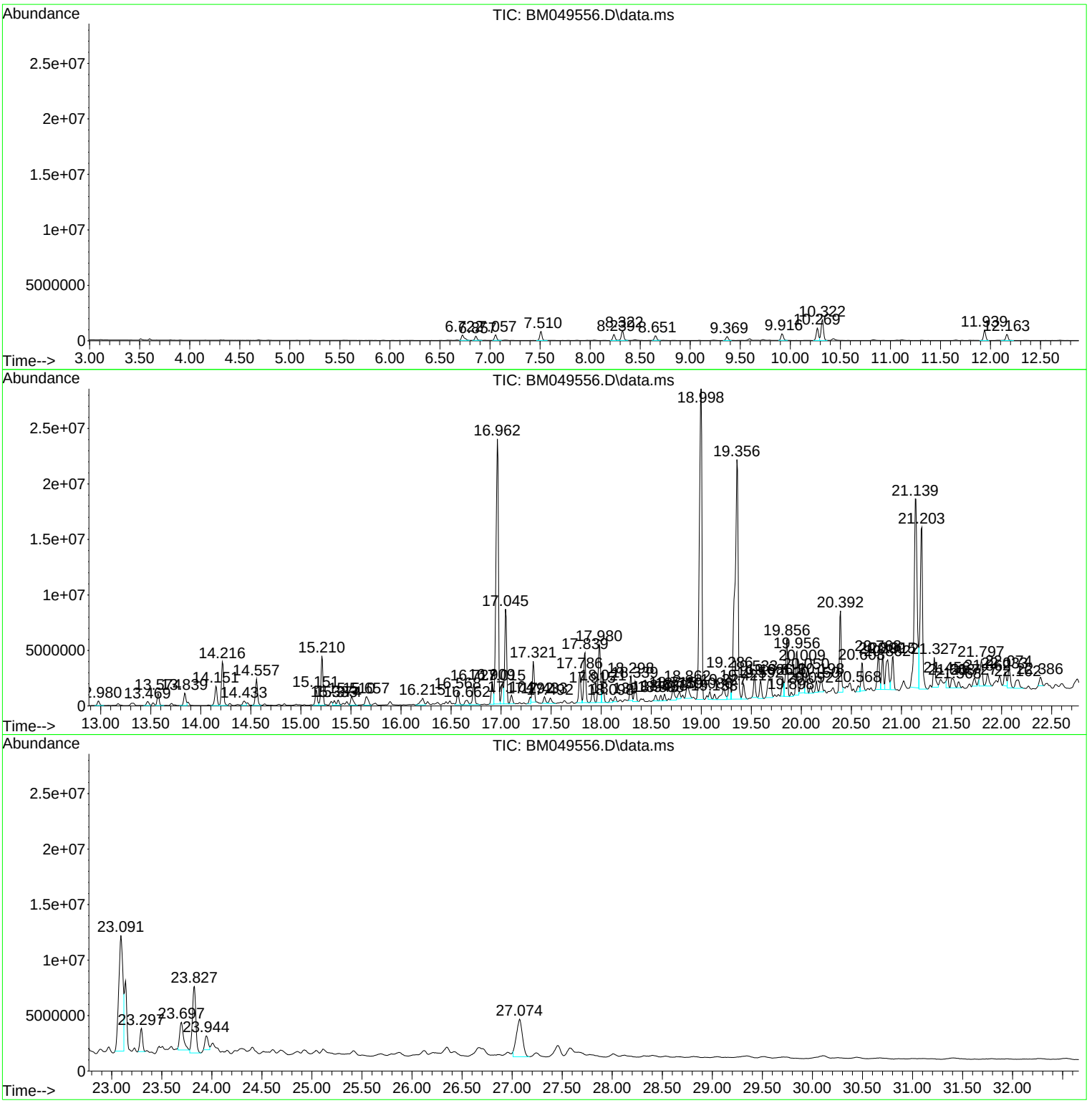
Sum of corrected areas: 480050017

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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 : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

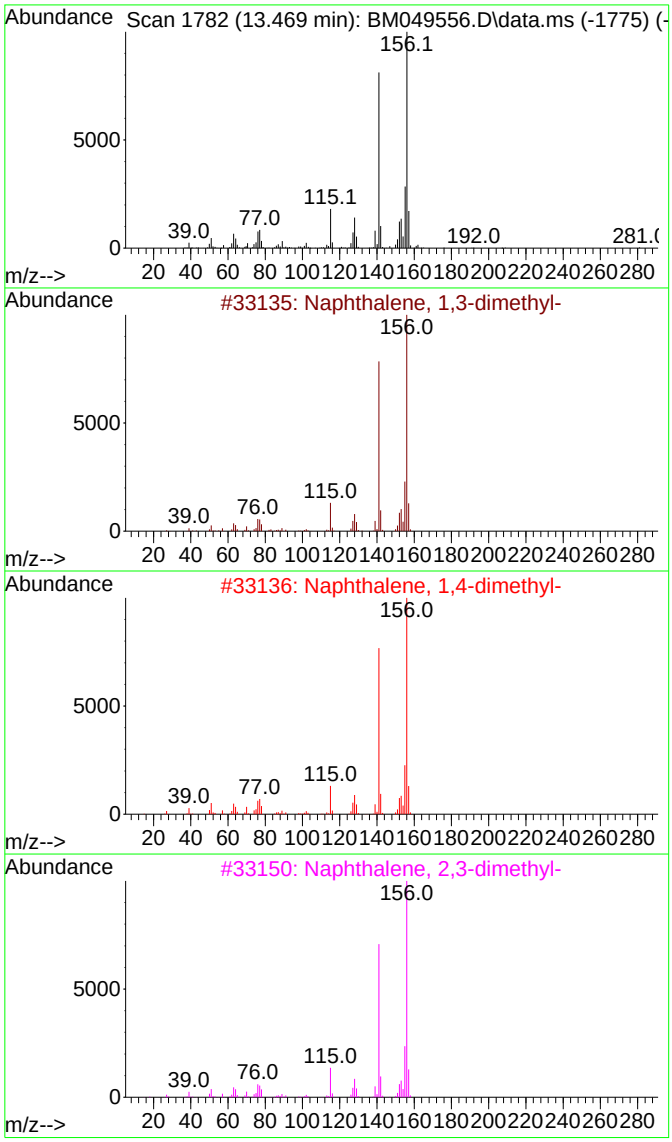
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

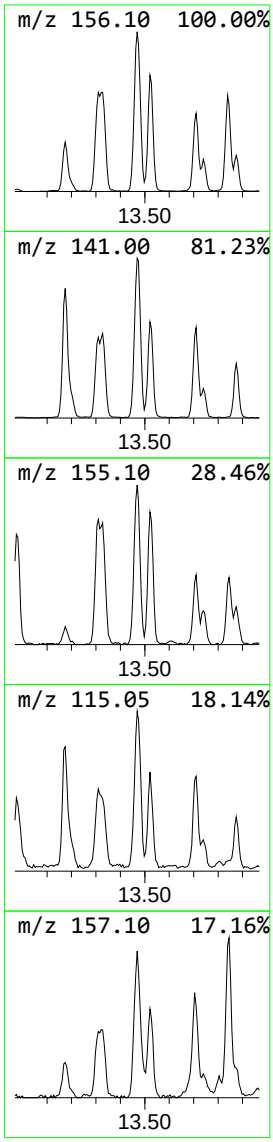
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	4.67 ng/ul	645891	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

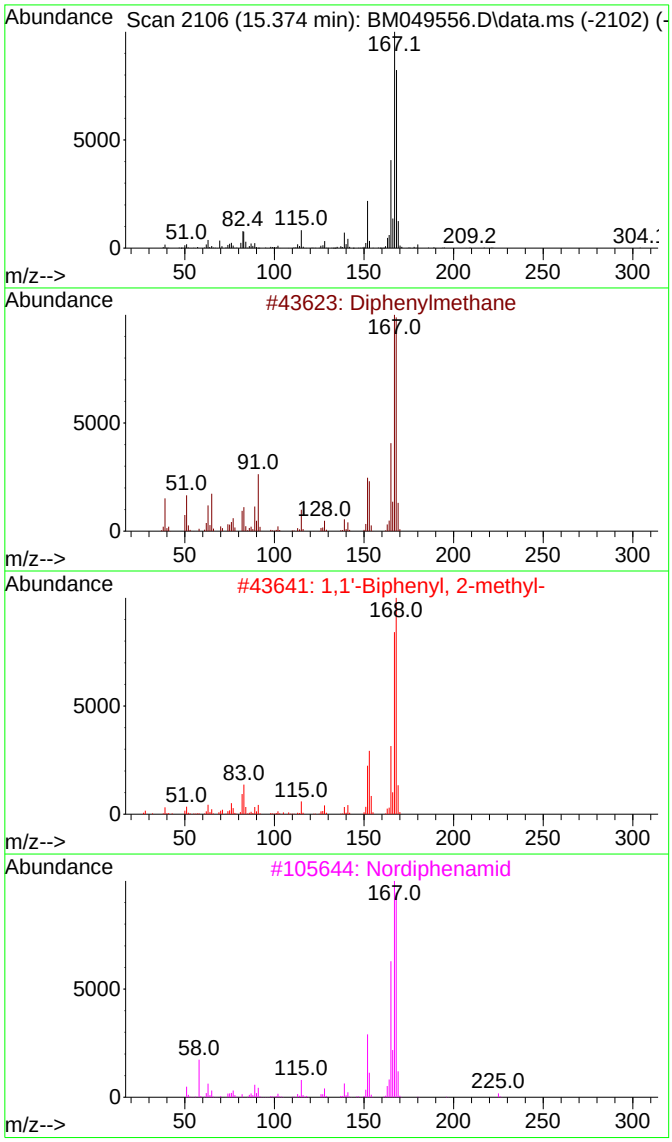
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

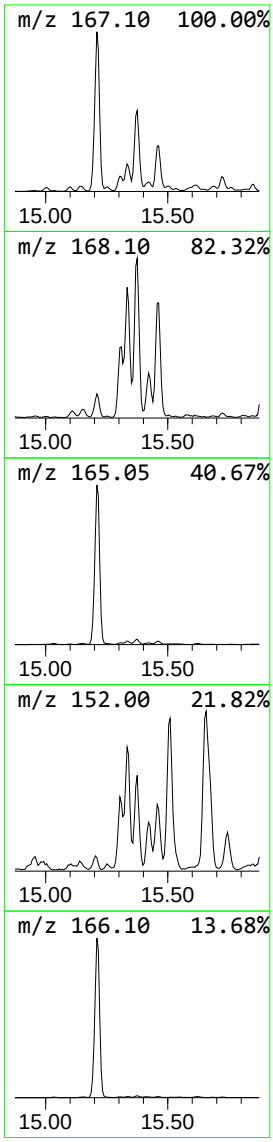
****

Peak Number 2 Diphenylmethane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	4.89 ng/ul	676061	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	74
3	Nordiphenamid	225	C15H15NO	000954-21-2	72
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
5	Diphenylmethane	168	C13H12	000101-81-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

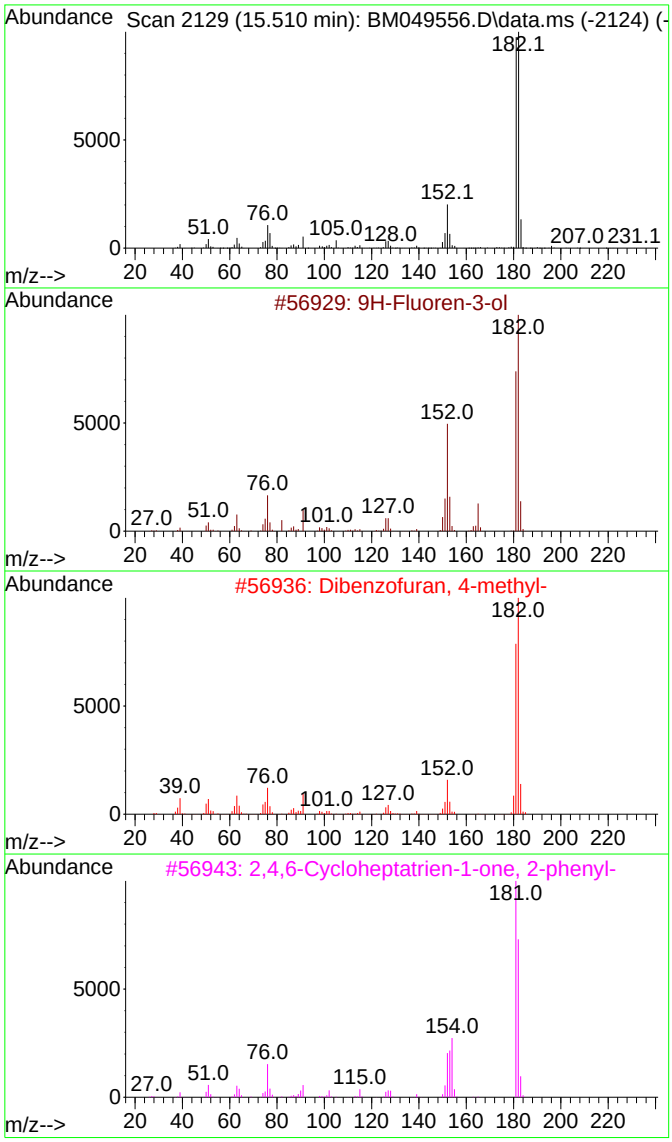
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

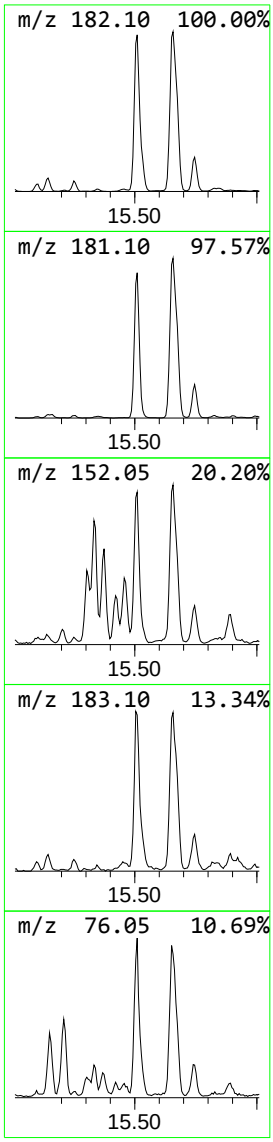
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	10.14 ng/ul	1403320	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

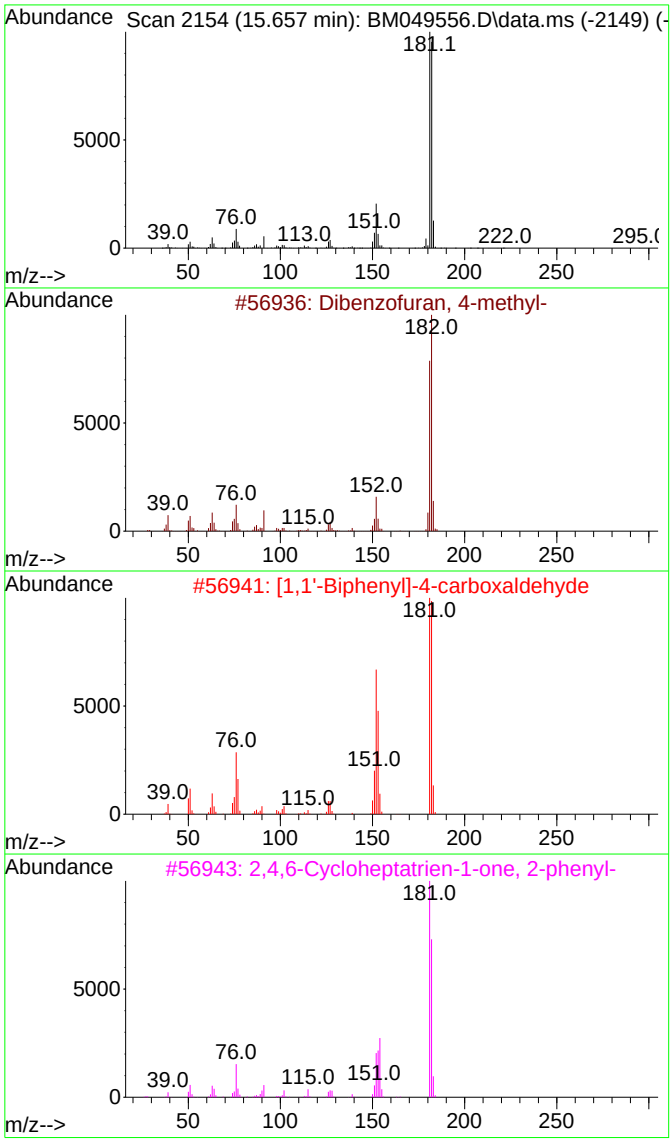
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

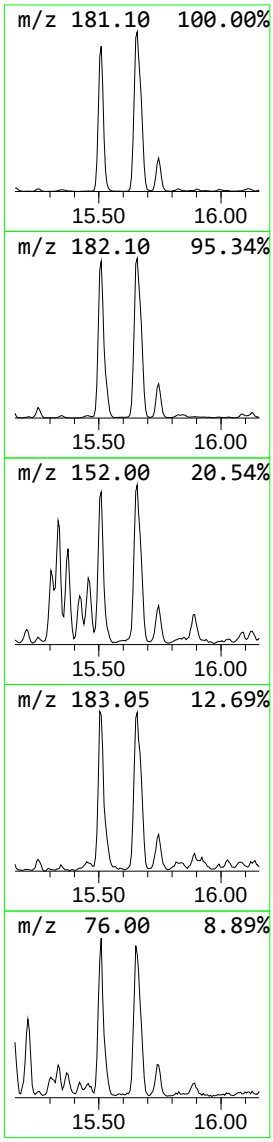
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	11.06 ng/ul	1601290	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

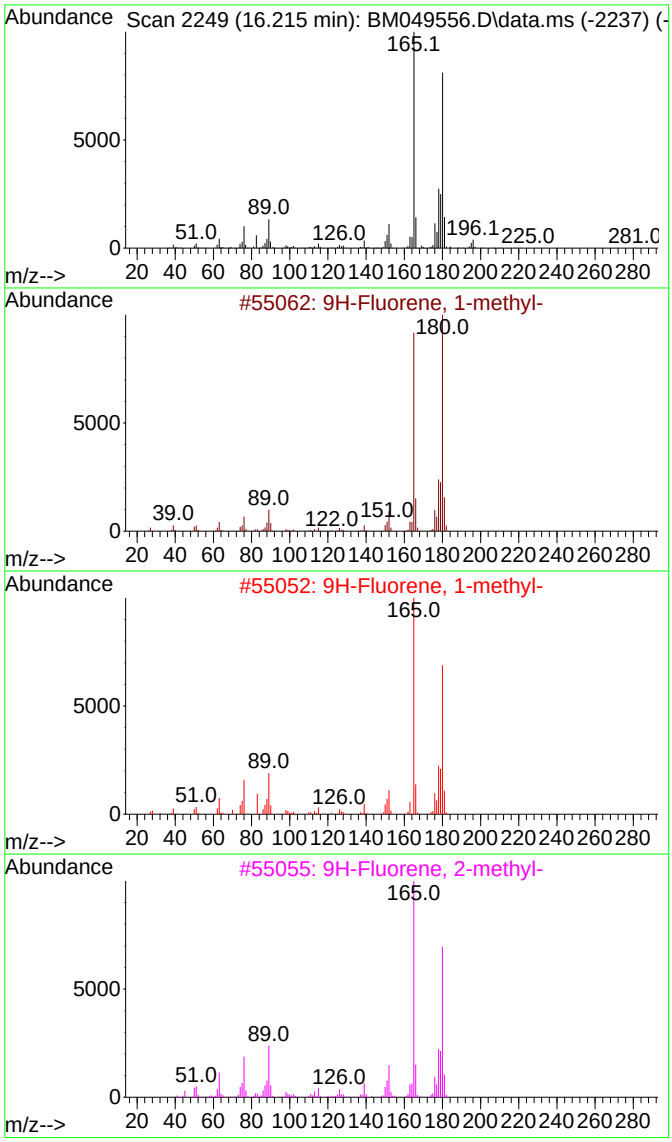
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

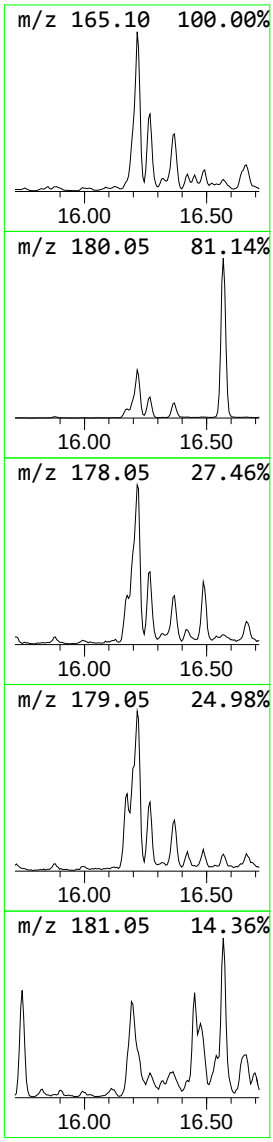
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.215	10.00 ng/ul	1447570	Phenanthrene-d10	16.910

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

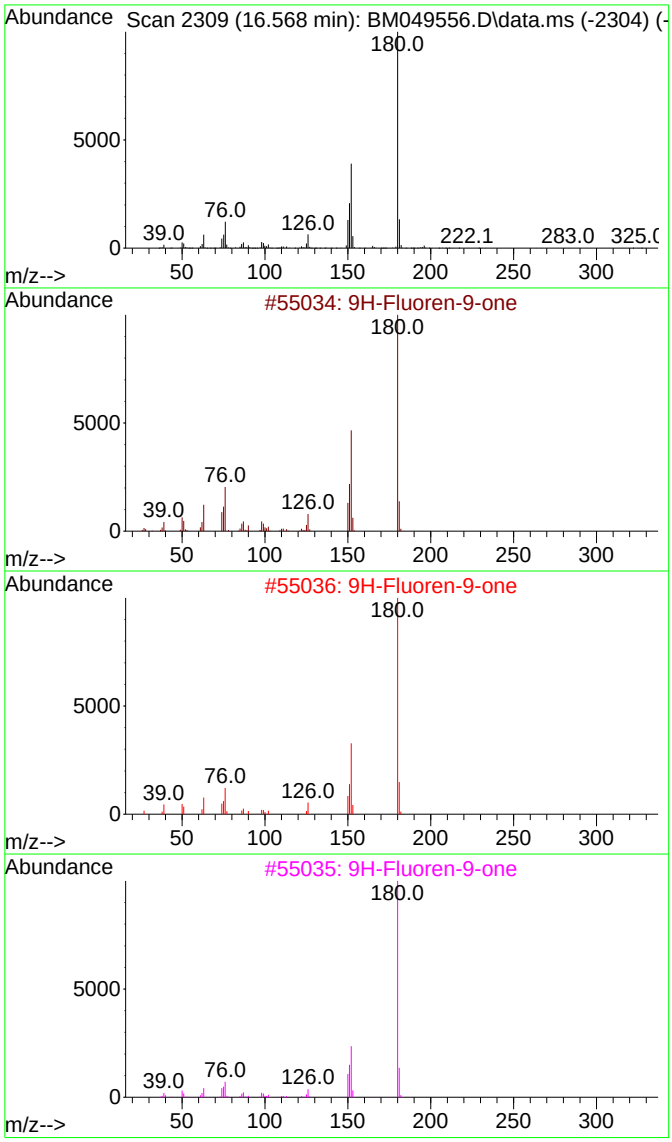
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

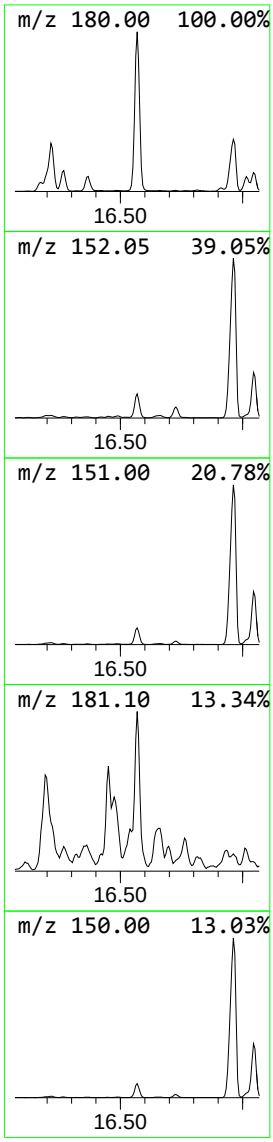
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.568	11.64 ng/ul	1685790	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	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

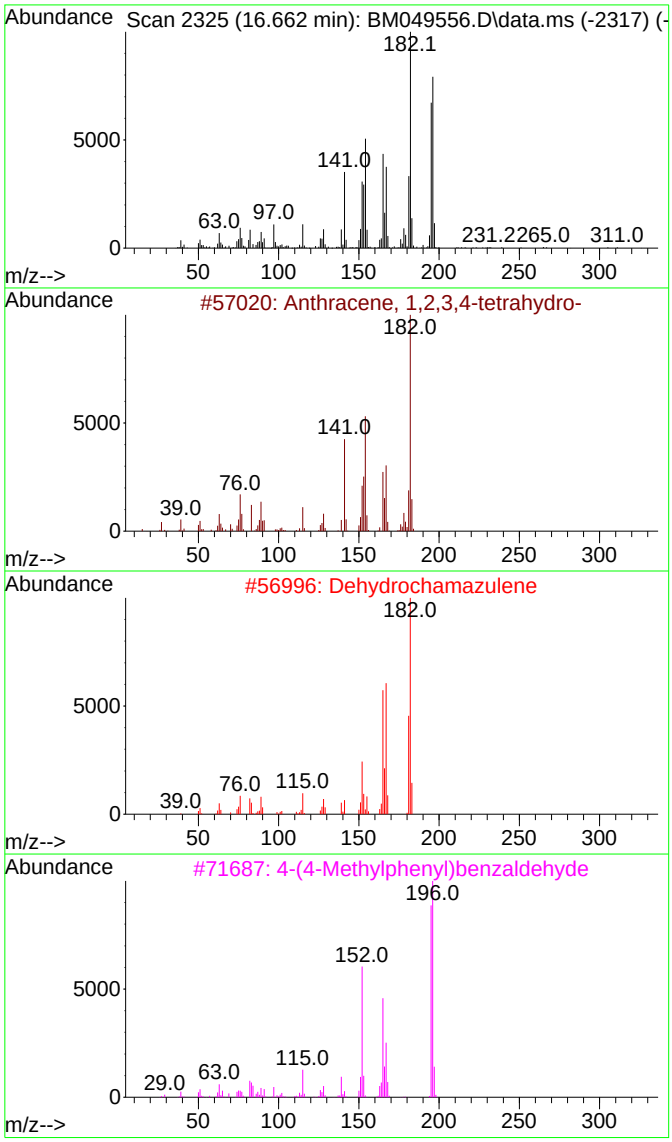
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

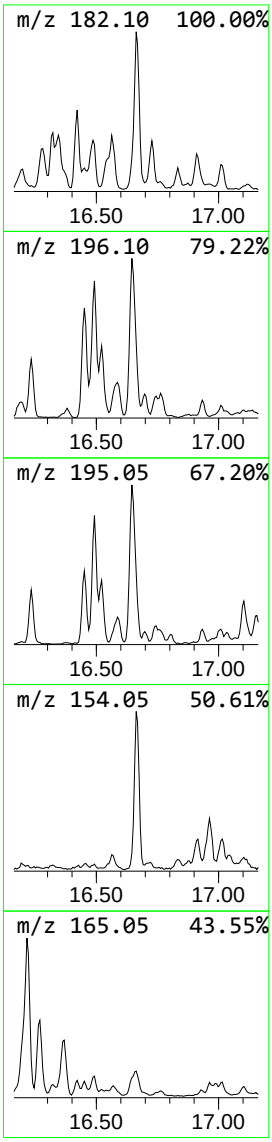
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.662	6.55 ng/ul	948617	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
2	Dehydrochamazulene	182	C14H14	321732-25-6	62
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	50
4	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

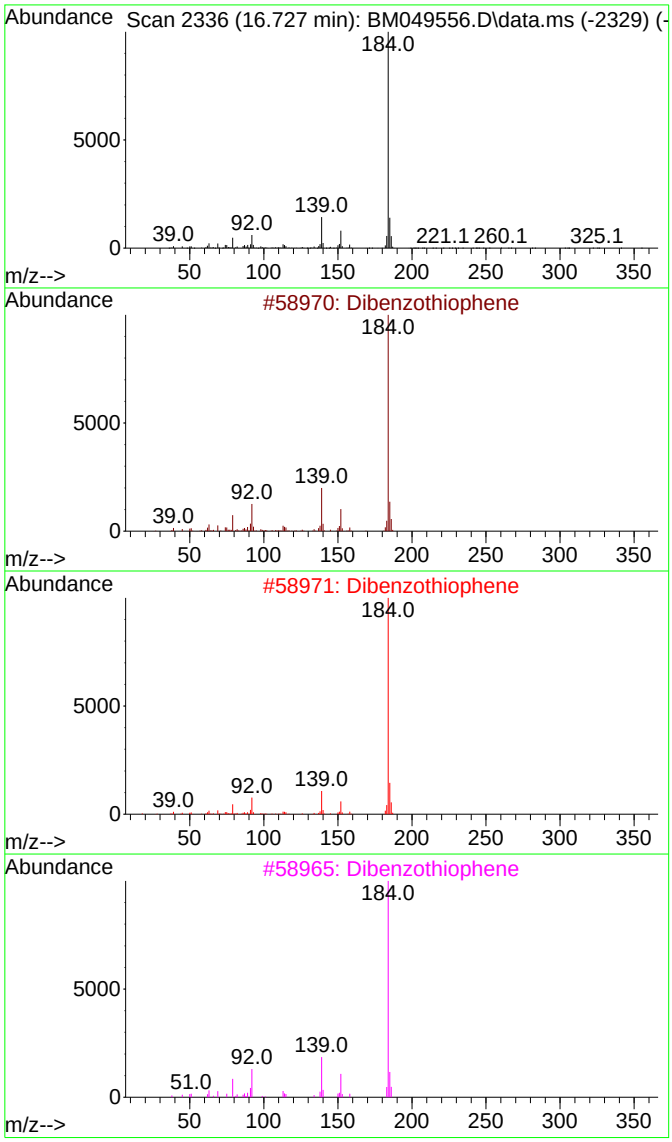
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

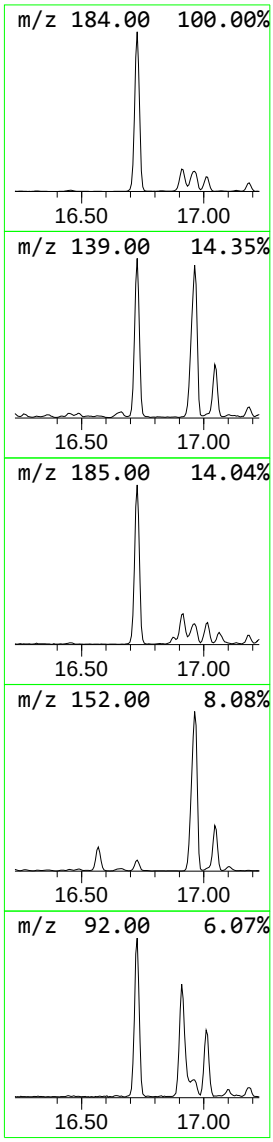
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	19.26 ng/ul	2788090	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	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

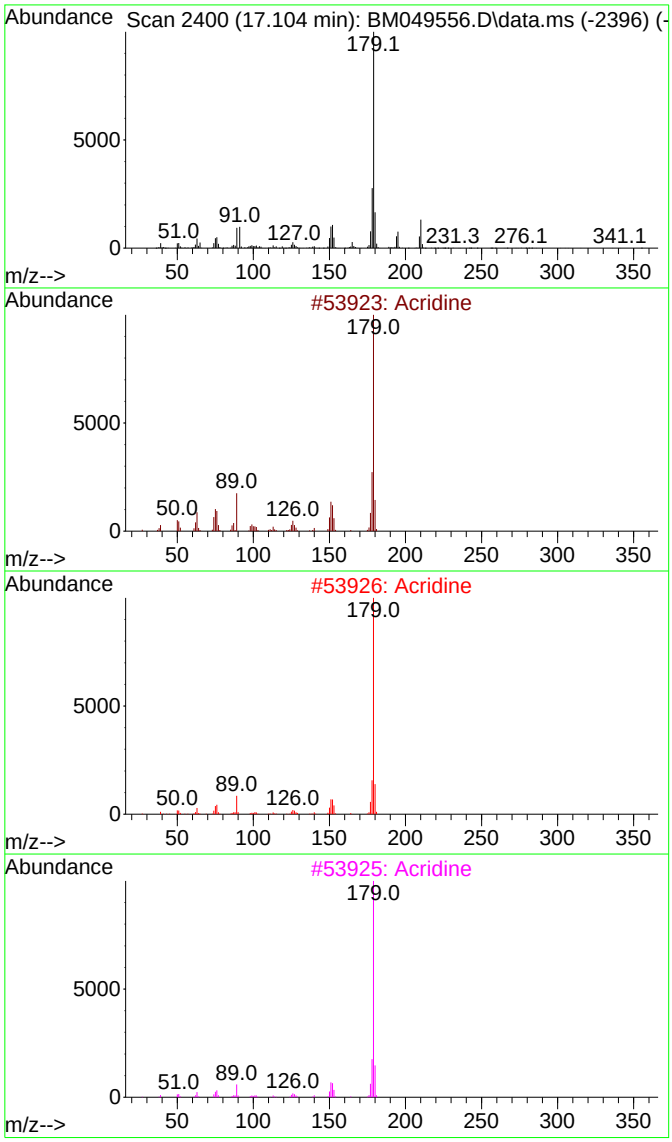
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

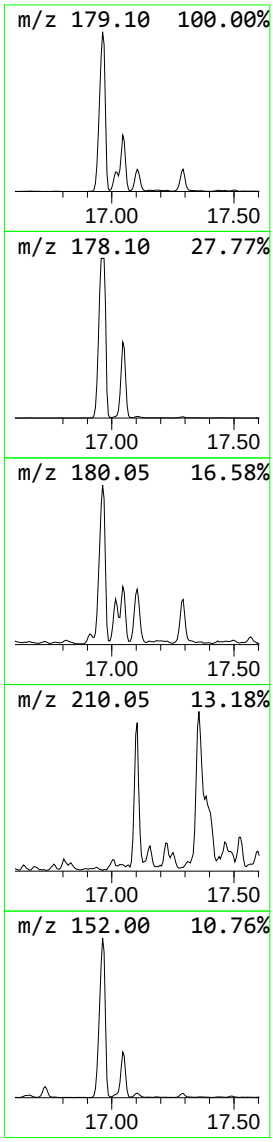
****

Peak Number 9 Acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	7.81 ng/ul	1131010	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Acridine	179	C13H9N	000260-94-6	94
3	Acridine	179	C13H9N	000260-94-6	94
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
5	Phenanthridine	179	C13H9N	000229-87-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

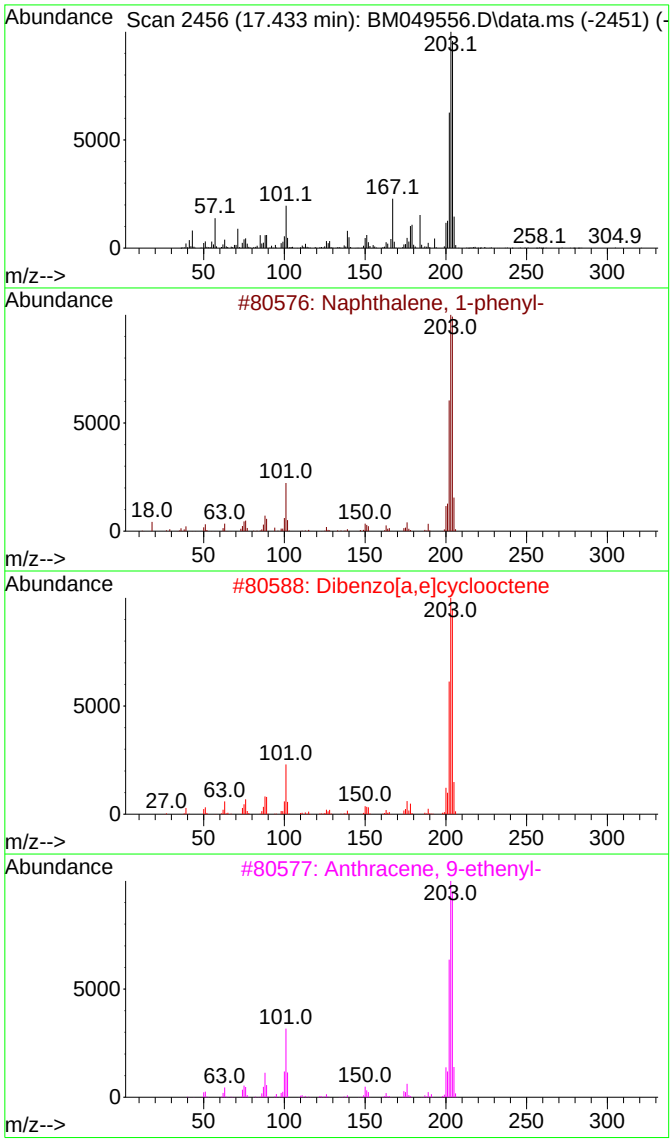
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

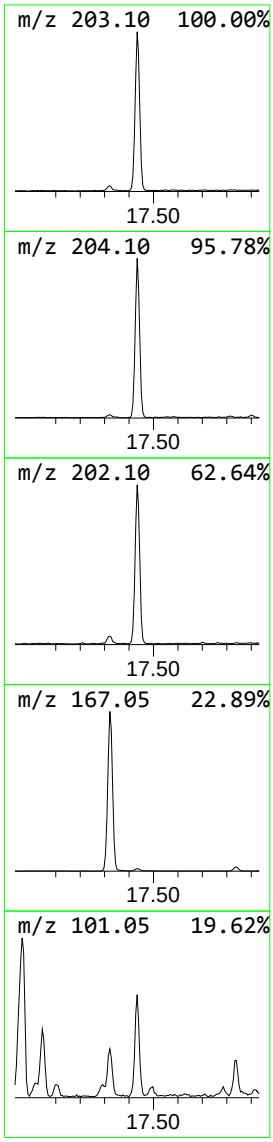
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	6.23 ng/ul	901703	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	92
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	92
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

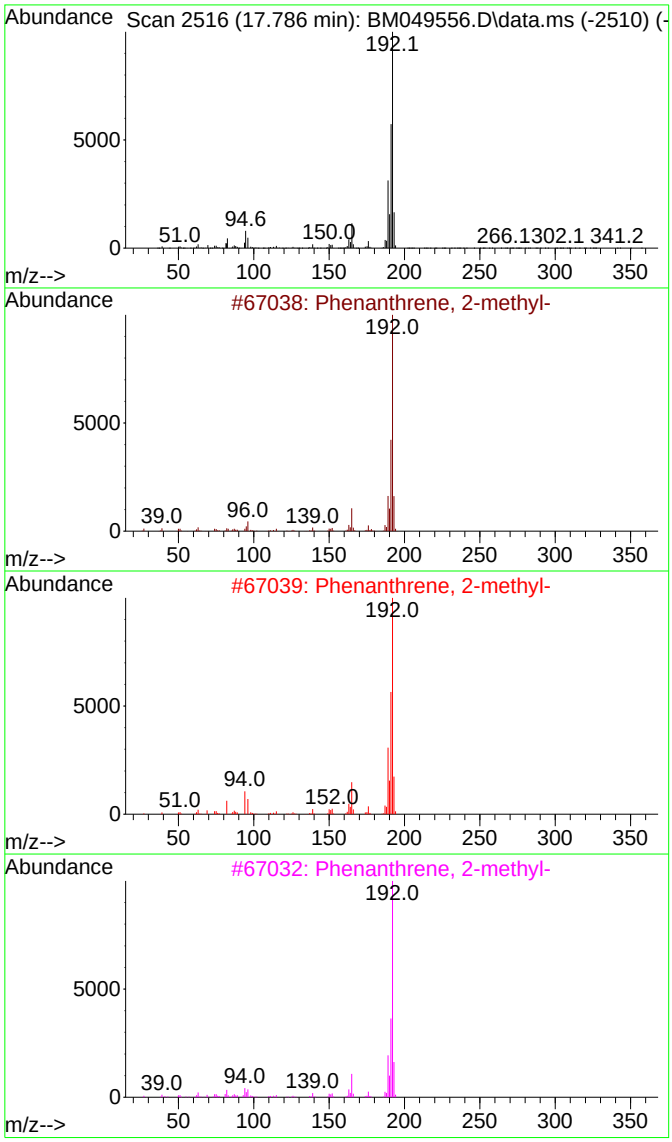
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

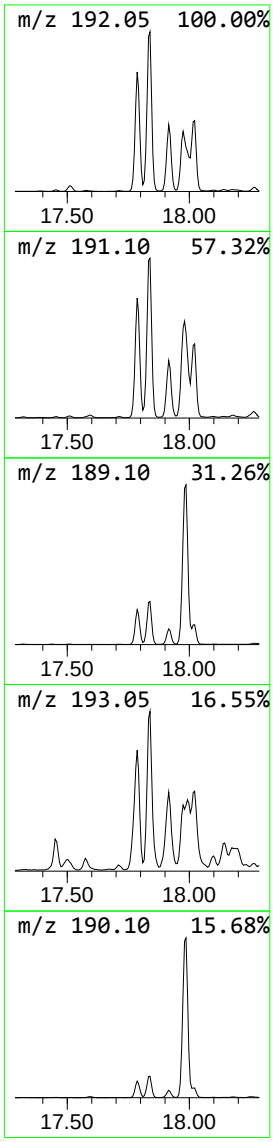
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	26.55 ng/ul	3844570	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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

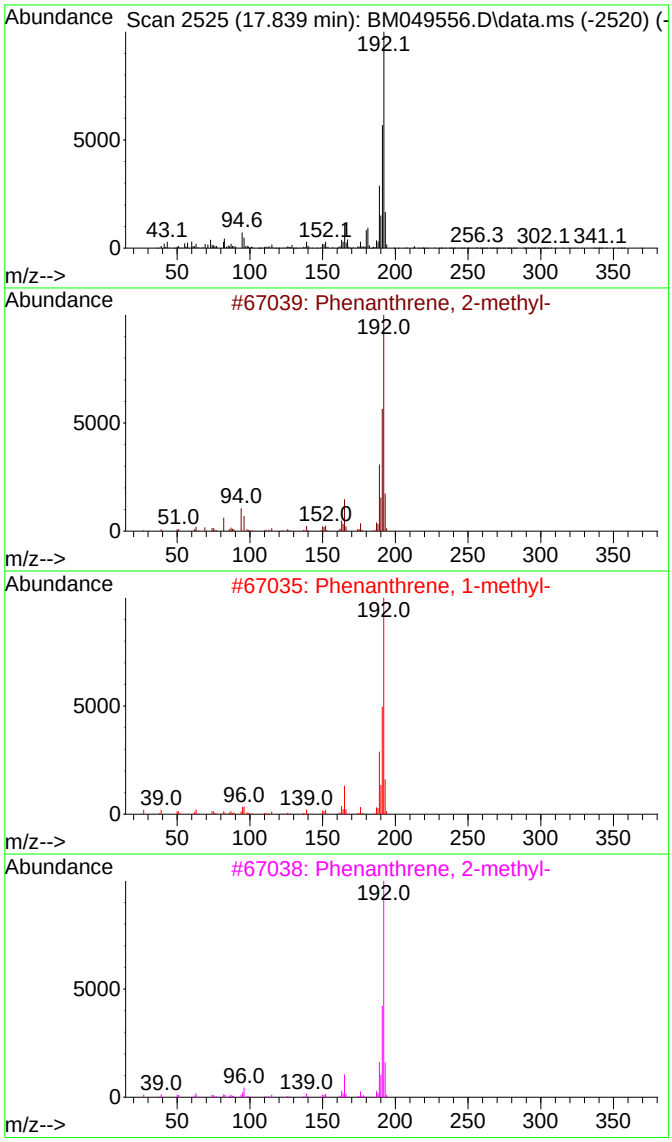
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

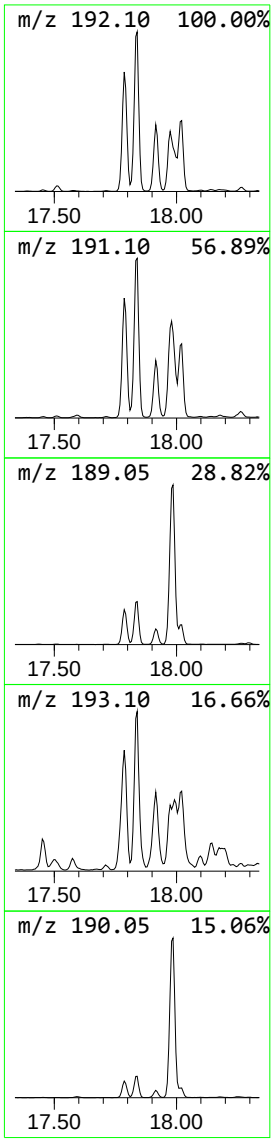
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	41.86 ng/ul	6060870	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

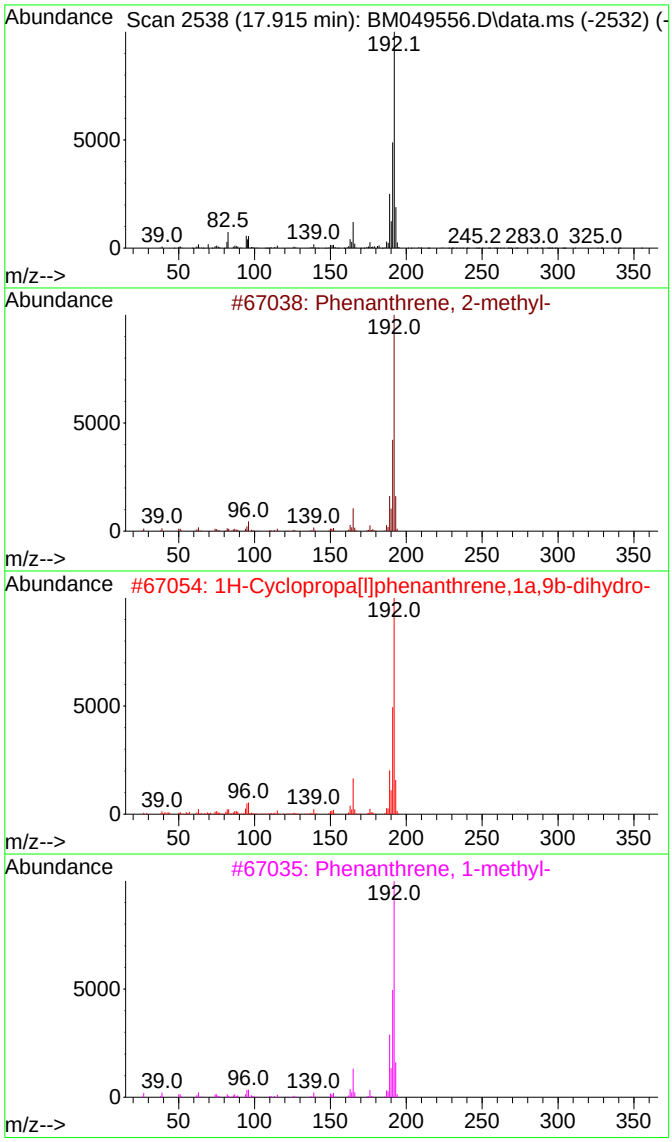
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

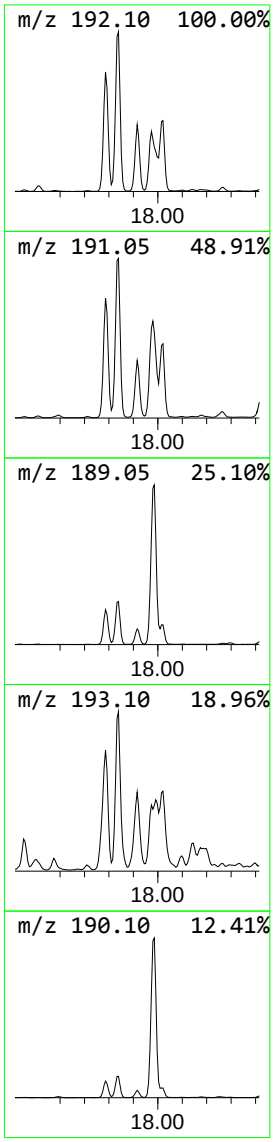
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	14.24 ng/ul	2061590	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

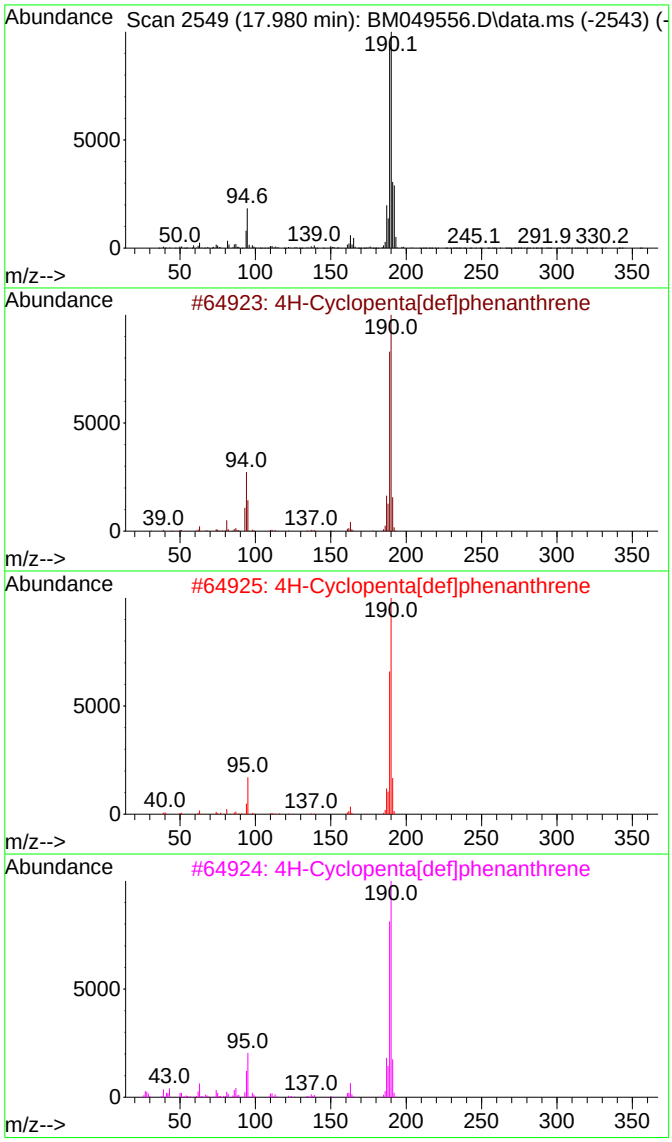
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

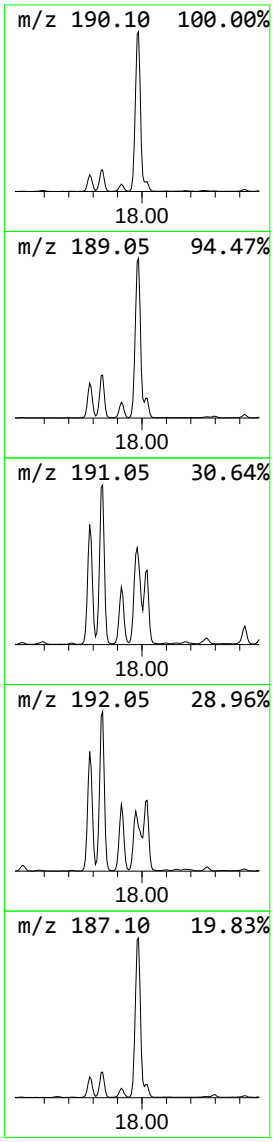
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	60.06 ng/ul	8696300	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	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

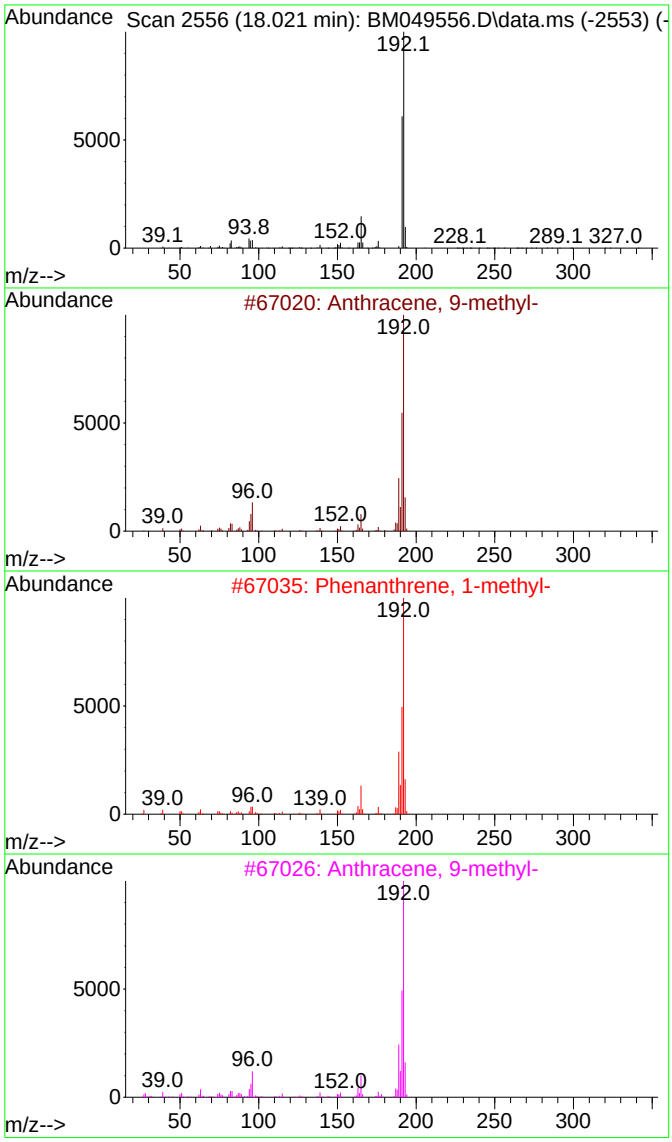
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

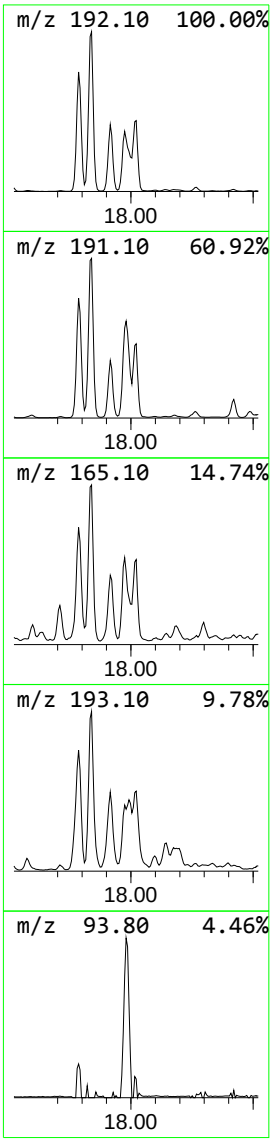
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	15.09 ng/ul	2185530	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

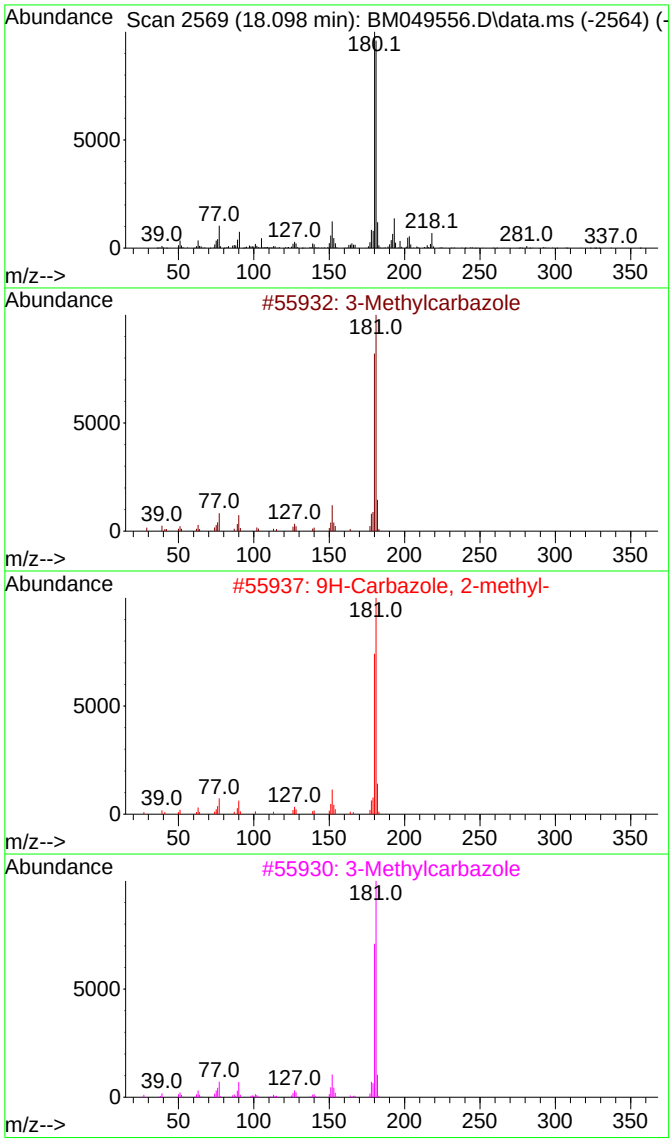
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

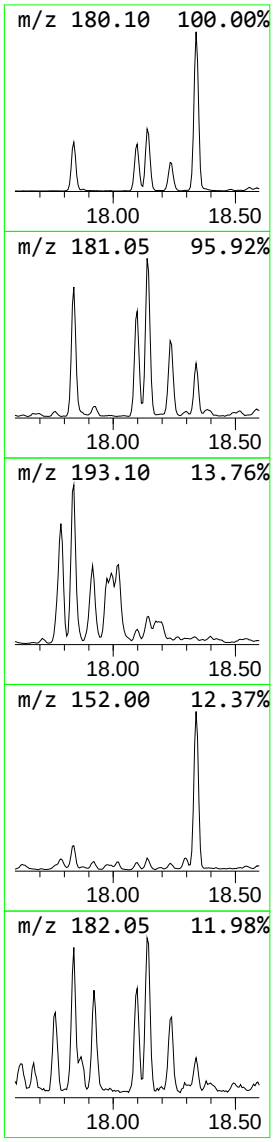
****

Peak Number 17 3-Methylcarbazole Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	4.22 ng/ul	610437	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	4-Methylcarbazole	181	C13H11N	003770-48-7	96
5	4-Methylcarbazole	181	C13H11N	003770-48-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

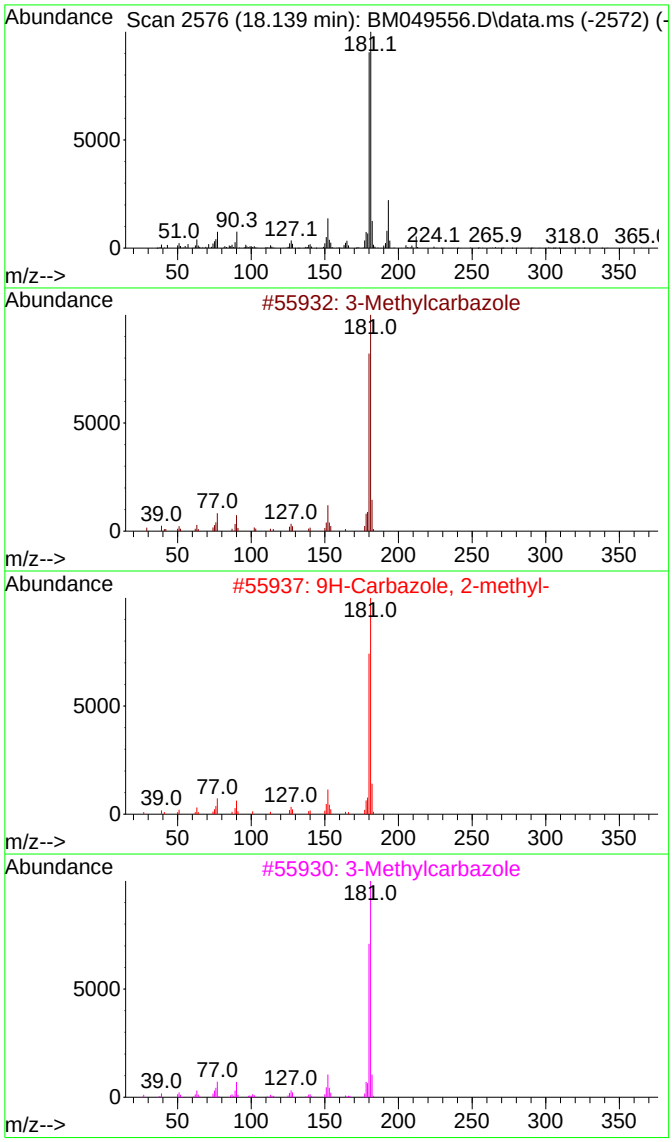
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

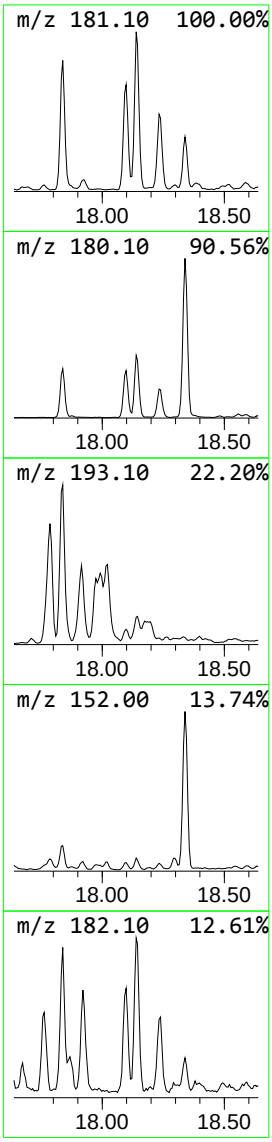
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Carbazole, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	4.27 ng/ul	618299	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94
5	1-Methylcarbazole	181	C13H11N	006510-65-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

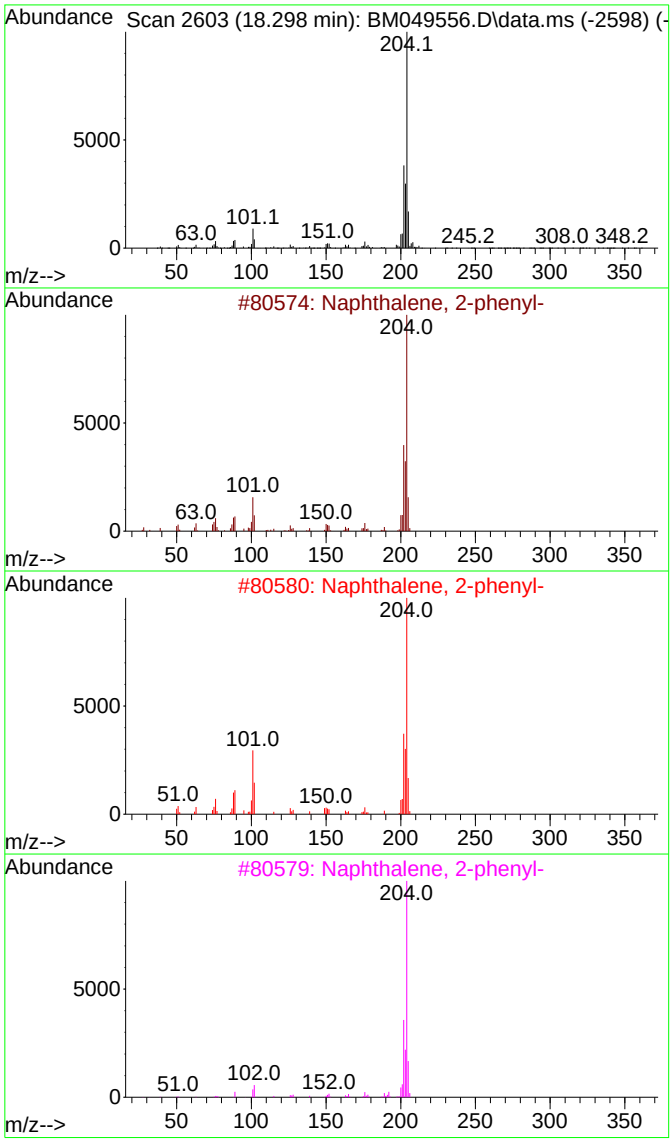
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

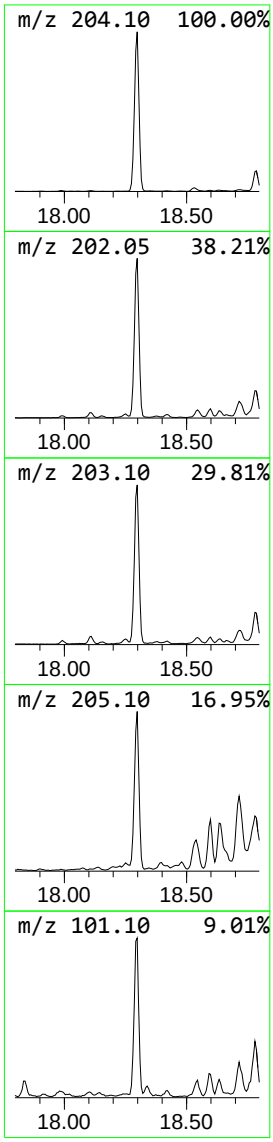
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	19.00 ng/ul	2751690	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	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

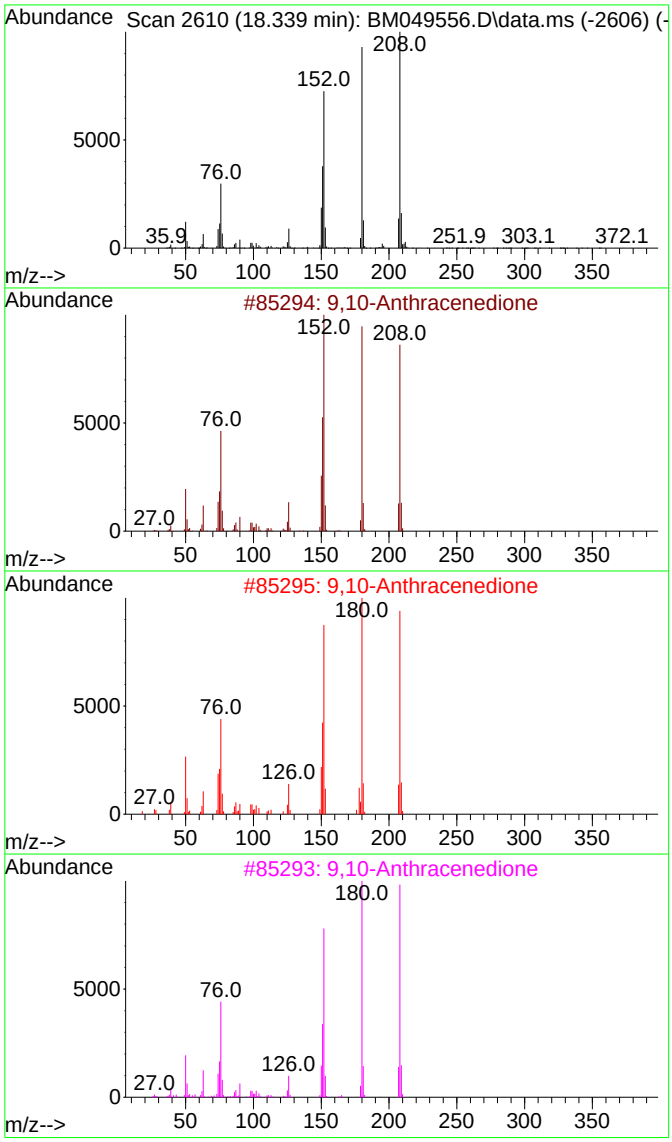
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

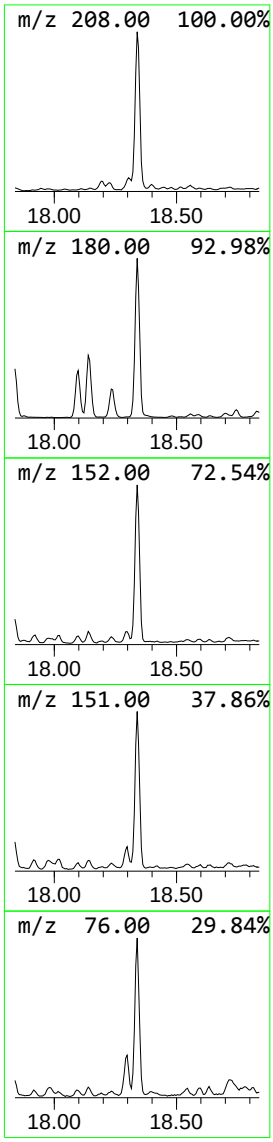
****

Peak Number 20 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	16.58 ng/ul	2401240	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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

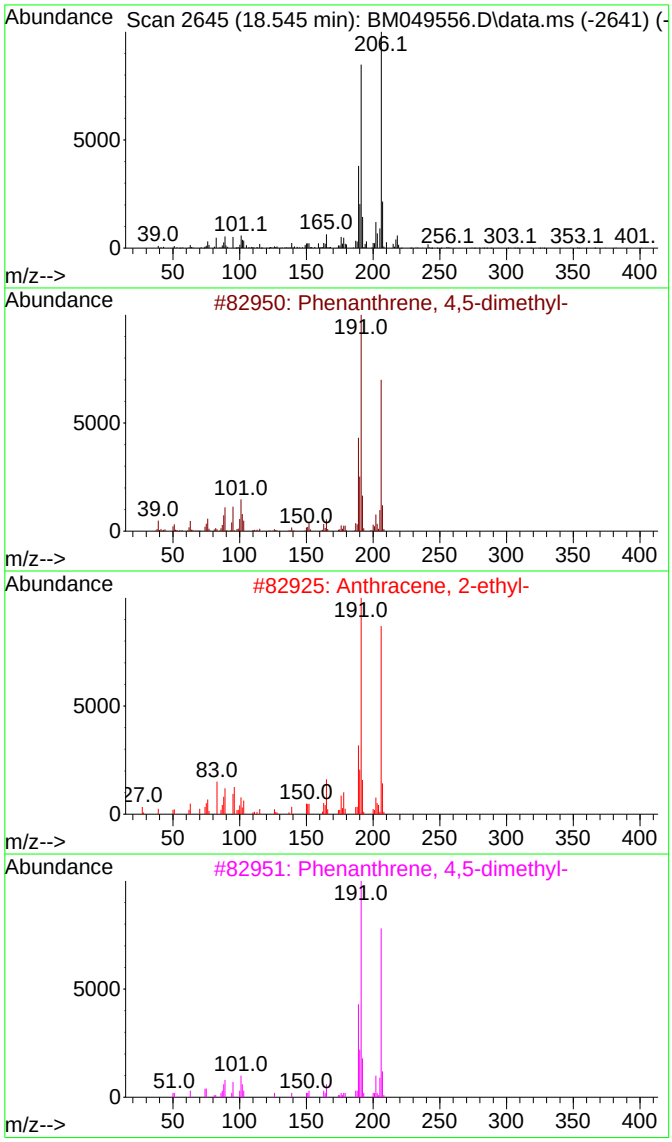
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

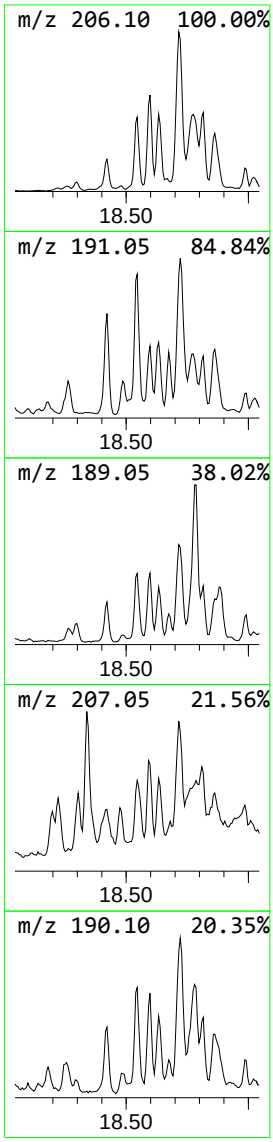
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 4,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	4.94 ng/ul	714843	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

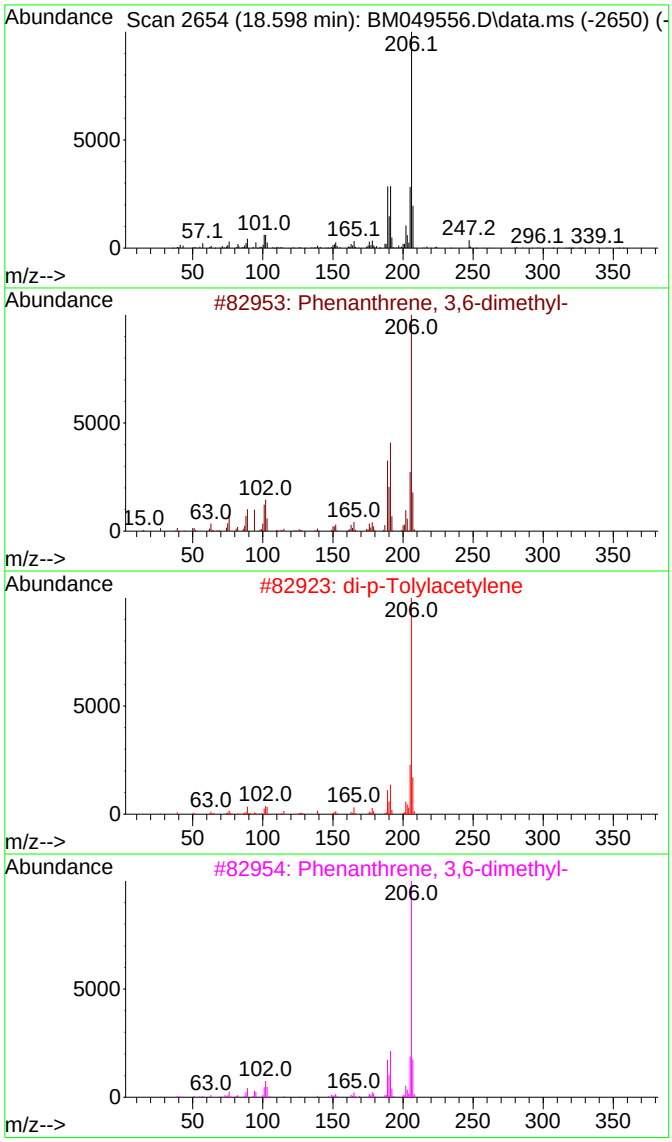
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

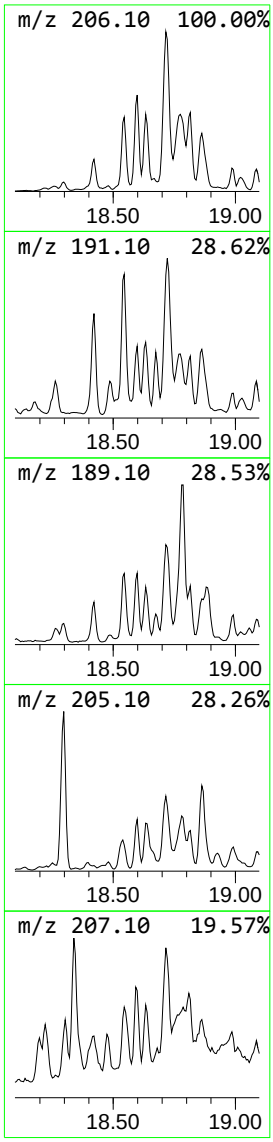
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 3,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	4.39 ng/ul	635425	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

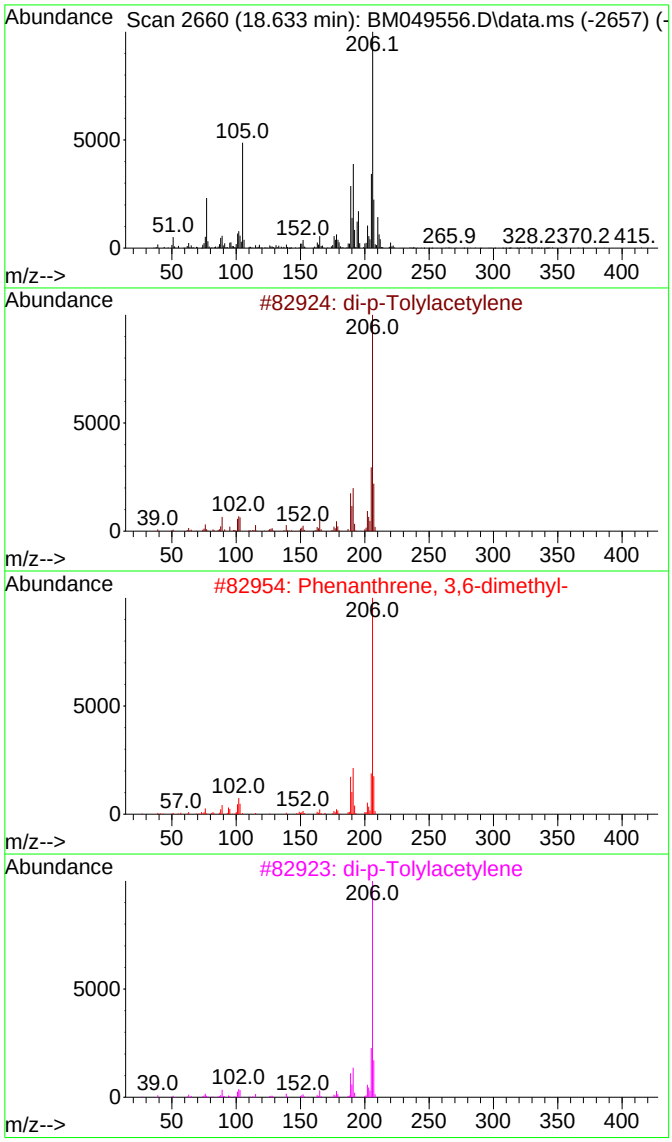
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

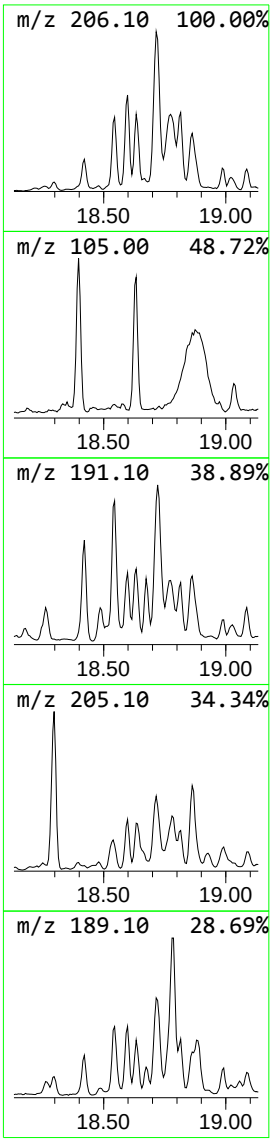
****

Peak Number 23 di-p-Tolylacetylene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	4.66 ng/ul	675195	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

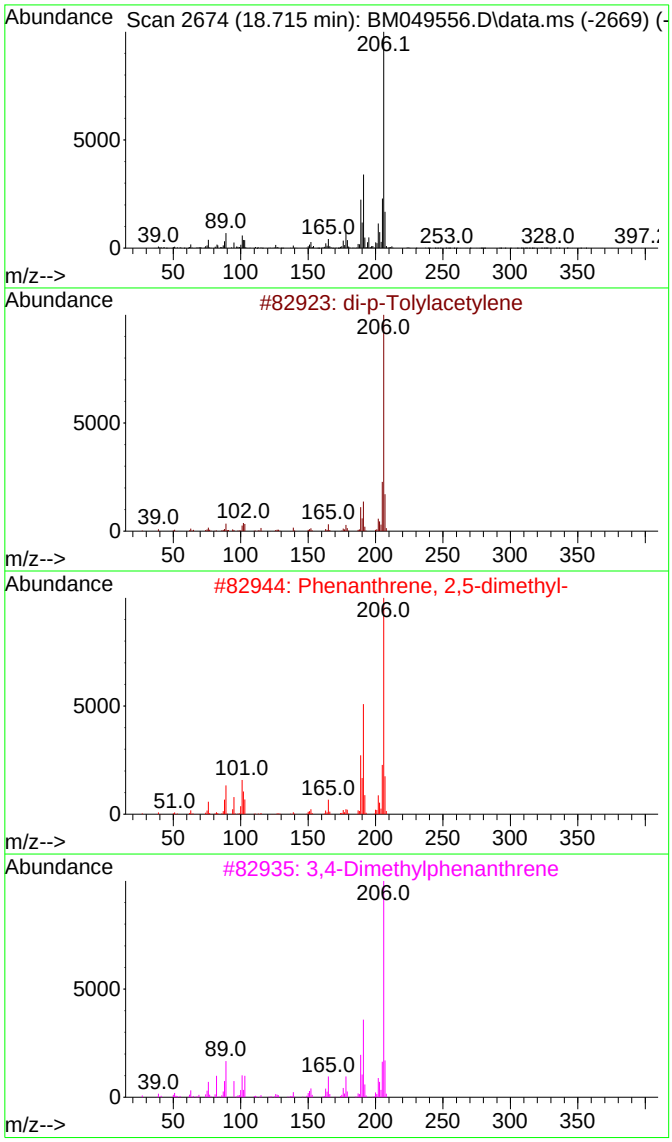
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

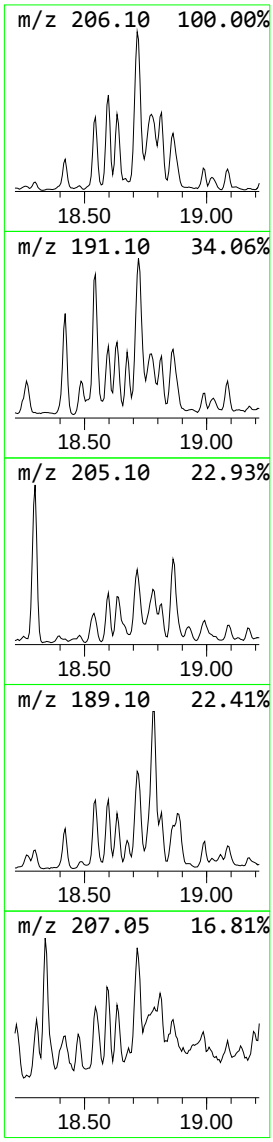
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	11.96 ng/ul	1731710	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

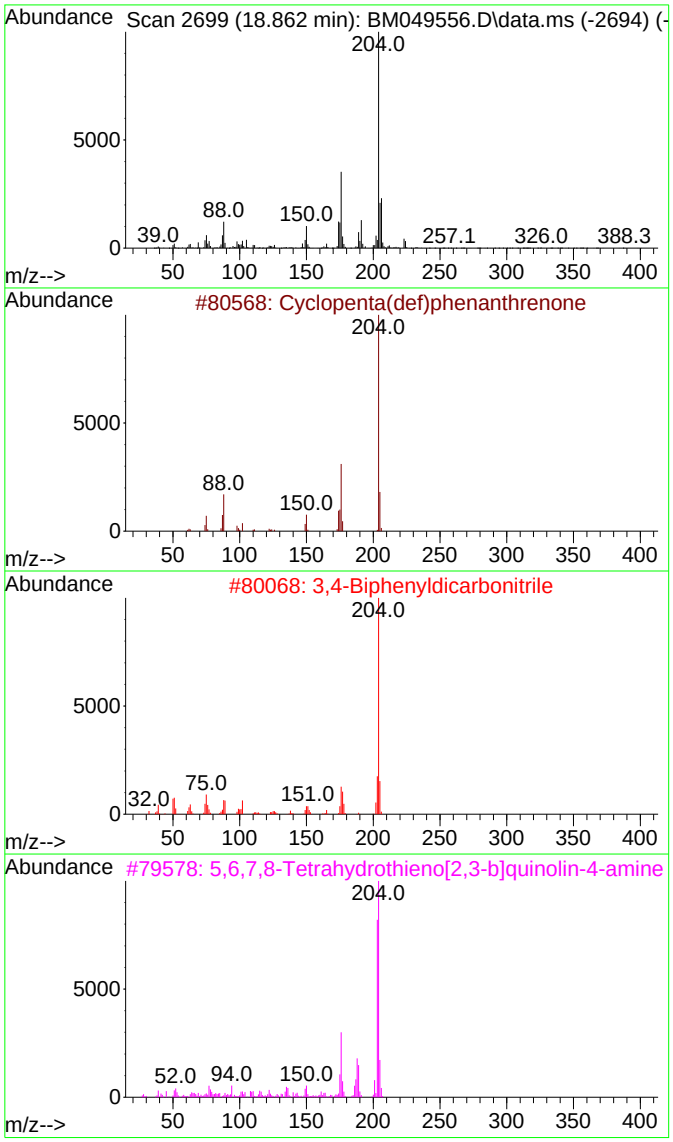
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

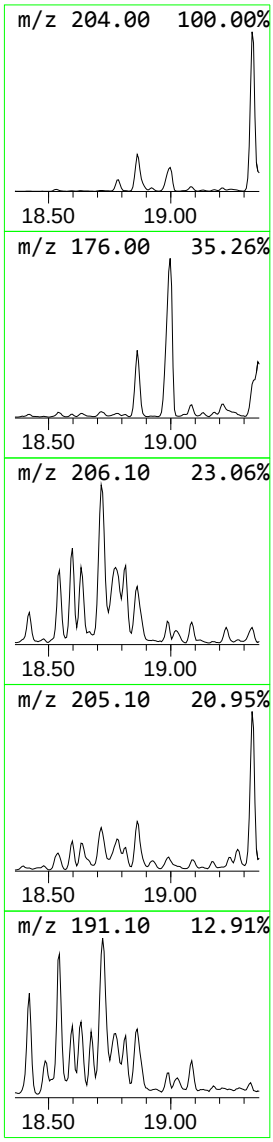
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	16.98 ng/ul	2458630	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

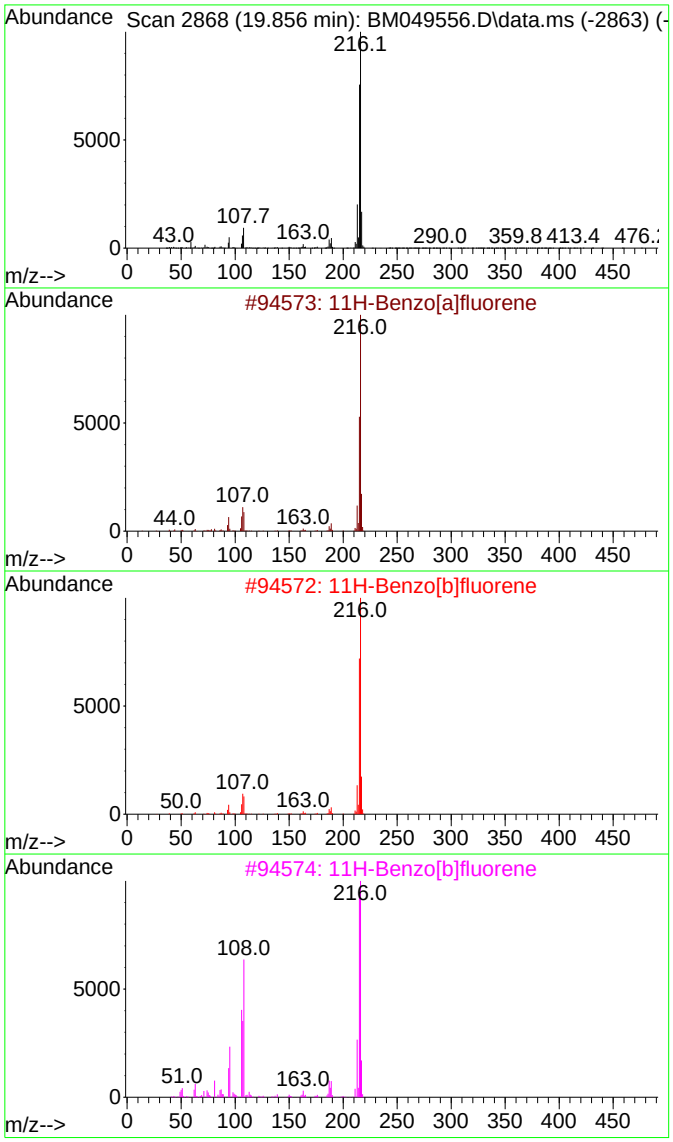
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

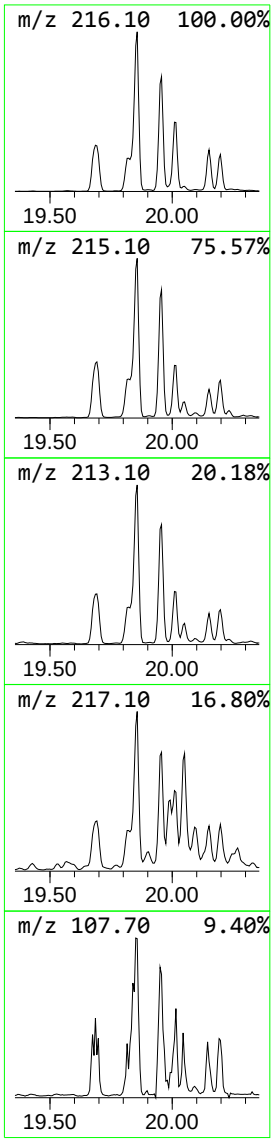
****

Peak Number 28 11H-Benzo[a]fluorene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.856	4.09 ng/ul	7294530	Chrysene-d12	21.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

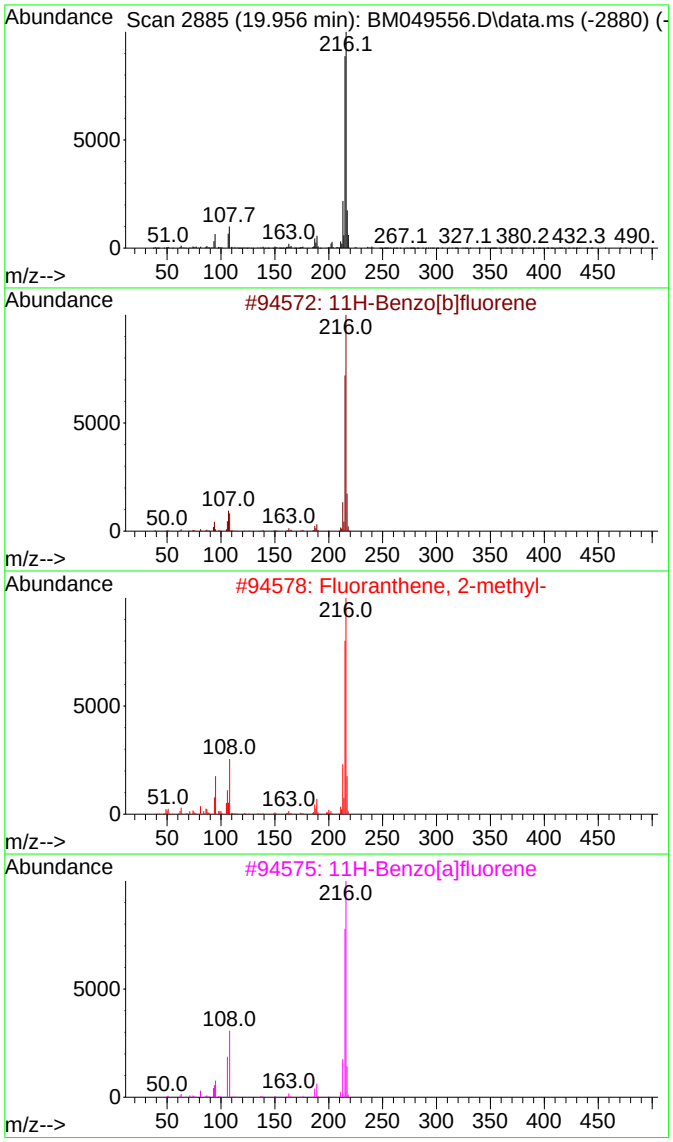
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

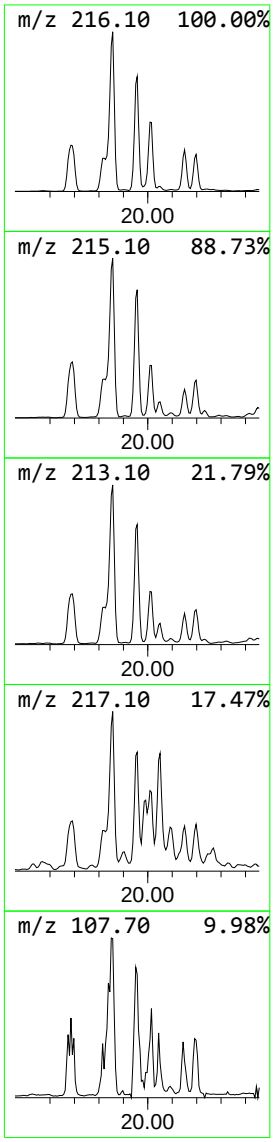
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 11H-Benzo[b]fluorene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.956	2.81 ng/ul	5019470	Chrysene-d12	21.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

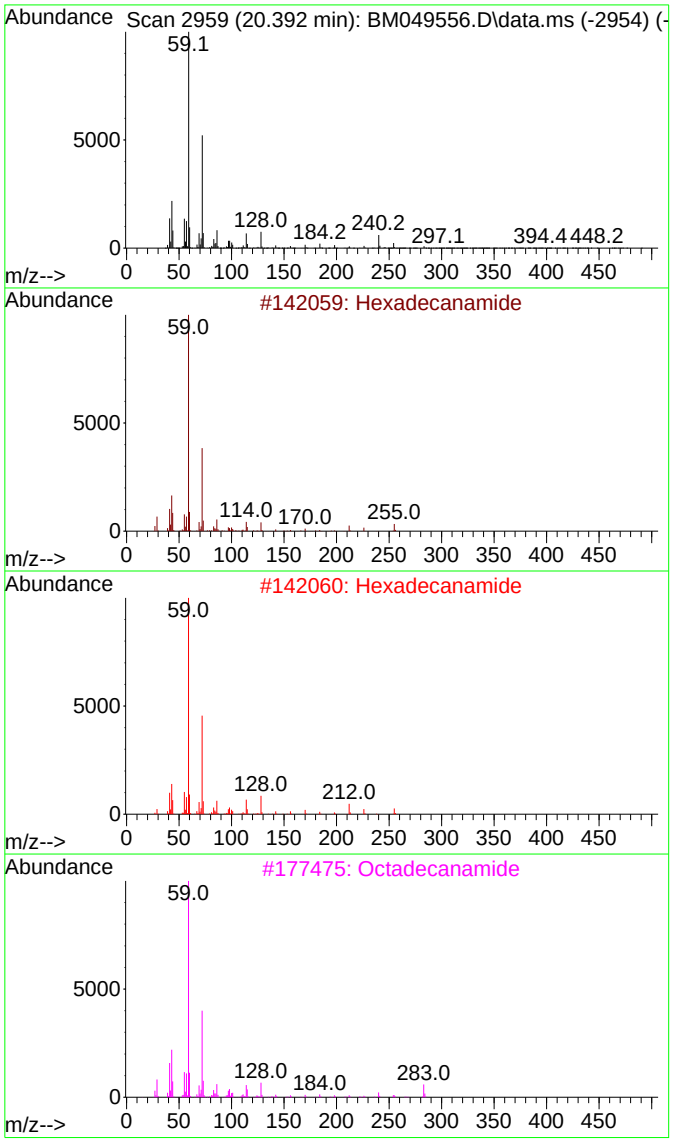
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

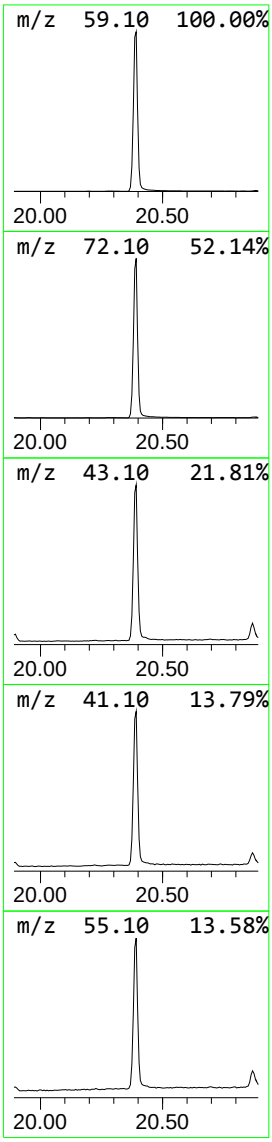
****

Peak Number 31 Hexadecanamide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.392	5.02 ng/ul	8958820	Chrysene-d12	21.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	86
2	Hexadecanamide	255	C16H33NO	000629-54-9	86
3	Octadecanamide	283	C18H37NO	000124-26-5	81
4	Tetradecanamide	227	C14H29NO	000638-58-4	78
5	Tetradecanamide	227	C14H29NO	000638-58-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

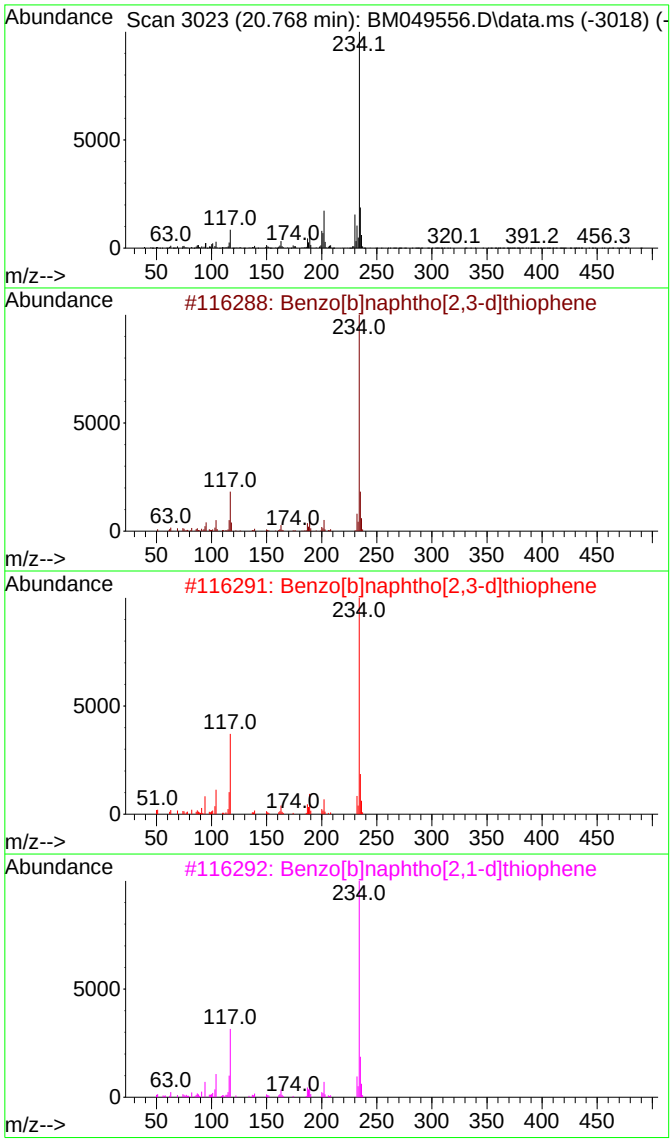
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

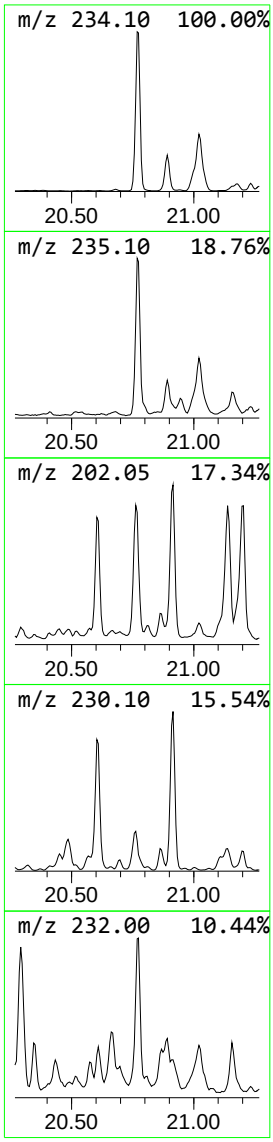
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.768	2.67 ng/ul	4762230	Chrysene-d12	21.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

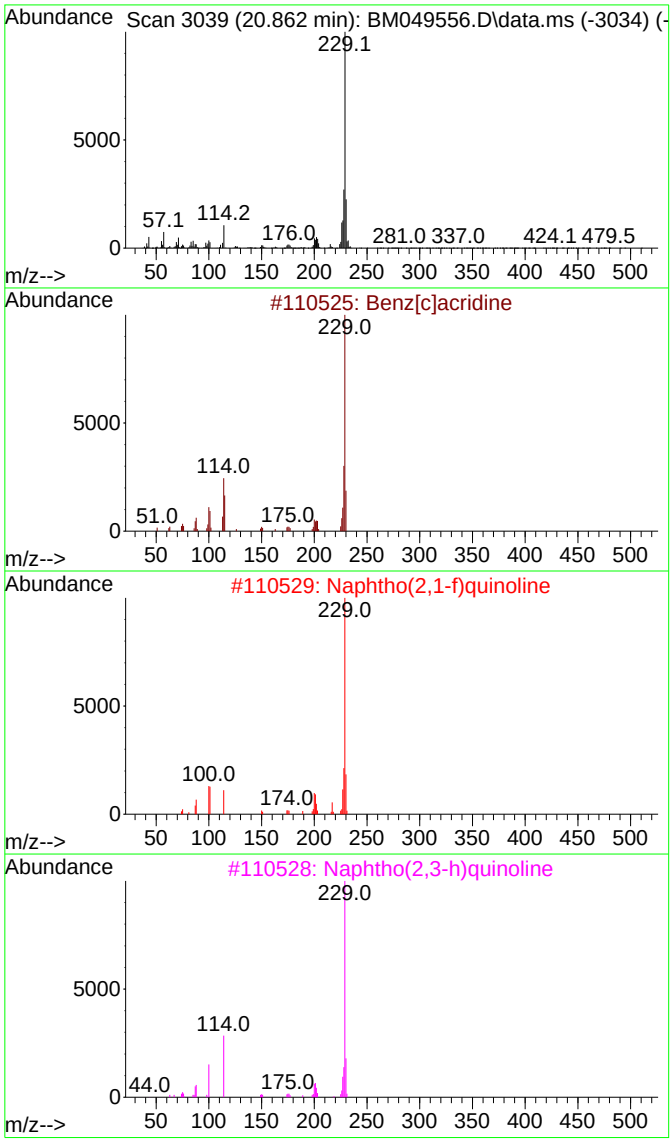
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

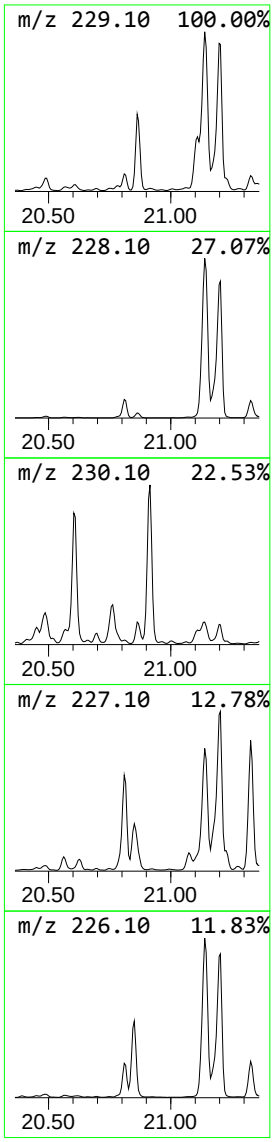
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benz[c]acridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.862	3.19 ng/ul	5696320	Chrysene-d12	21.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	95
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	87
3	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	76
4	Benzo(a)acridine	229	C17H11N	000225-11-6	64
5	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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

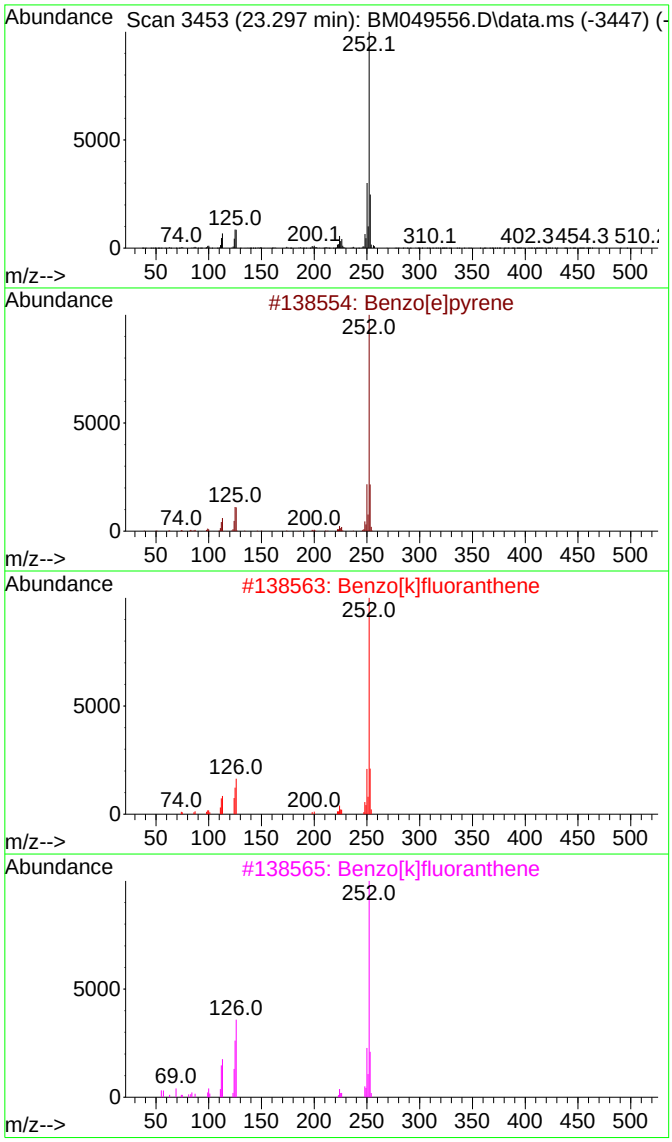
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

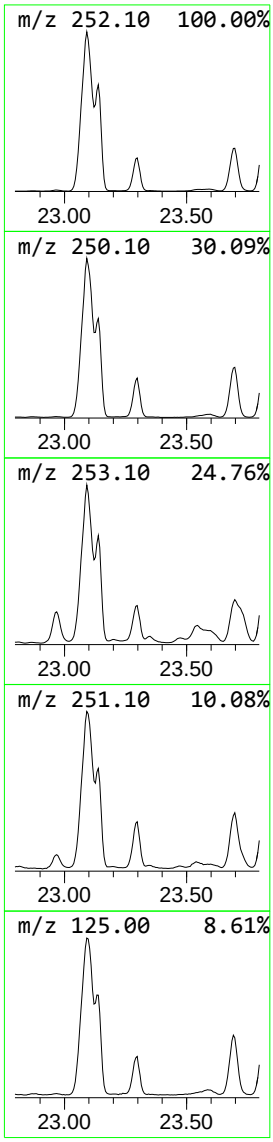
****

Peak Number 38 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.297	26.75 ng/ul	3815840	Perylene-d12	23.944

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	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

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
Naphthalene, 1,...	13.469	4.7	ng/ul	645891	3	14.151	2766980	20.0
Diphenylmethane	15.374	4.9	ng/ul	676061	3	14.151	2766980	20.0
9H-Fluoren-3-ol	15.510	10.1	ng/ul	1403320	3	14.151	2766980	20.0
Dibenzofuran, 4...	15.657	11.1	ng/ul	1601290	4	16.910	2895830	20.0
9H-Fluorene, 1-...	16.215	10.0	ng/ul	1447570	4	16.910	2895830	20.0
9H-Fluoren-9-one	16.568	11.6	ng/ul	1685790	4	16.910	2895830	20.0
Anthracene, 1,2...	16.662	6.5	ng/ul	948617	4	16.910	2895830	20.0
Dibenzothiophene	16.727	19.3	ng/ul	2788090	4	16.910	2895830	20.0
Acridine	17.104	7.8	ng/ul	1131010	4	16.910	2895830	20.0
Naphthalene, 1-...	17.433	6.2	ng/ul	901703	4	16.910	2895830	20.0
Phenanthrene, 2...	17.786	26.6	ng/ul	3844570	4	16.910	2895830	20.0
Phenanthrene, 1...	17.839	41.9	ng/ul	6060870	4	16.910	2895830	20.0
1H-Cyclopropa[1...	17.915	14.2	ng/ul	2061590	4	16.910	2895830	20.0
4H-Cyclopenta[d...	17.980	60.1	ng/ul	8696300	4	16.910	2895830	20.0
Anthracene, 9-m...	18.021	15.1	ng/ul	2185530	4	16.910	2895830	20.0
3-Methylcarbazole	18.098	4.2	ng/ul	610437	4	16.910	2895830	20.0
9H-Carbazole, 2...	18.139	4.3	ng/ul	618299	4	16.910	2895830	20.0
Naphthalene, 2-...	18.298	19.0	ng/ul	2751690	4	16.910	2895830	20.0
9,10-Anthracene...	18.339	16.6	ng/ul	2401240	4	16.910	2895830	20.0
Phenanthrene, 4...	18.545	4.9	ng/ul	714843	4	16.910	2895830	20.0
Phenanthrene, 3...	18.598	4.4	ng/ul	635425	4	16.910	2895830	20.0
di-p-Tolylacety...	18.633	4.7	ng/ul	675195	4	16.910	2895830	20.0
Phenanthrene, 2...	18.715	12.0	ng/ul	1731710	4	16.910	2895830	20.0
Cyclopenta(def)...	18.862	17.0	ng/ul	2458630	4	16.910	2895830	20.0
11H-Benzo[a]flu...	19.856	4.1	ng/ul	7294530	5	21.156	35675800	20.0
11H-Benzo[b]flu...	19.956	2.8	ng/ul	5019470	5	21.156	35675800	20.0
Hexadecanamide	20.392	5.0	ng/ul	8958820	5	21.156	35675800	20.0
Benzo[b]naphtho...	20.768	2.7	ng/ul	4762230	5	21.156	35675800	20.0
Benz[c]acridine	20.862	3.2	ng/ul	5696320	5	21.156	35675800	20.0
Benzo[e]pyrene	23.297	26.8	ng/ul	3815840	6	23.944	2852670	20.0