LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

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-BM011325.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049403.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.510	85	89	103	rBV	1186306	1734817	2.29%	0.275%
2	6.716	627	634	649	rVB	1286063	2126924	2.81%	0.337%
3	6.869	653	660	671	rBV	1151067	1748984	2.31%	0.277%
4	7.057	685	692	705	rVB	1405770	2232605	2.95%	0.354%
5	7.516	762	770	778	rBV	1394428	2162194	2.85%	0.343%
6	8.234	886	892	898	rBV	1492643	2378196	3.14%	0.377%
7	8.663	959	965	976	rVV	1187725	2017082	2.66%	0.320%
8	9.375	1076	1086	1092	rBV	976580	1644044	2.17%	0.260%
9	9.910	1169	1177	1186	rBV	1565041	2598923	3.43%	0.412%
10	10.280	1230	1240	1244	rBV	1837925	3474610	4.58%	0.551%
11	10.328	1244	1248	1257	rVB	2037573	3186775	4.20%	0.505%
12	10.422	1257	1264	1269	rBV2	1215074	2454805	3.24%	0.389%
13	11.322	1411	1417	1432	rBV	812380	1645646	2.17%	0.261%
14	12.074	1539	1545	1552	rBV	2523946	4044944	5.34%	0.641%
15	12.704	1647	1652	1658	rVV	1112958	1506926	1.99%	0.239%
16	12.986	1693	1700	1709	rBV2	1162302	2784352	3.67%	0.441%
17	13.316	1749	1756	1767	rBV	781804	2039803	2.69%	0.323%
18	13.474	1772	1783	1788	rBV	1386590	2915778	3.85%	0.462%
19	13.580	1796	1801	1806	rVB	2826736	3712937	4.90%	0.588%
20	13.668	1806	1816	1820	rBV3	1459079	3343266	4.41%	0.530%
21	13.710	1820	1823	1827	rVB2	851806	1243052	1.64%	0.197%
22	13.845	1841	1846	1850	rBV	2814432	3961419	5.23%	0.628%
23	14.086	1883	1887	1891	rVB	1122105	1329373	1.75%	0.211%
24	14.157	1891	1899	1905	rBV3	2845573	5576721	7.36%	0.884%
25	14.227	1905	1911	1920	rVB	12860644	19781631	26.10%	3.134%
26	14.386	1930	1938	1947	rBV3	1181396	3170078	4.18%	0.502%
27	14.474	1947	1953	1958	rVB2	1205147	1814157	2.39%	0.287%
28	14.563	1959	1968	1977	rVB	6295875	10426661	13.76%	1.652%
29	14.710	1989	1993	1998	rBV3	1034447	1529545	2.02%	0.242%
30	14.780	2001	2005	2011	rVB3	954910	1541439	2.03%	0.244%
31	14.839	2011	2015	2019	rVB	961437	1290767	1.70%	0.205%
32	15.045	2046	2050	2054	rVB	1007294	1265792	1.67%	0.201%
33	15.157	2064	2069	2074	rVB2	3209689	5064152	6.68%	0.802%
34	15.221	2074	2080	2084	rBV	13133475	18954063	25.01%	3.003%
35	15.310	2090	2095	2097	rBV3	799850	1181172	1.56%	0.187%
36	15.339	2097	2100	2103	rVB	1321572	1329666	1.75%	0.211%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

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-BM011325.MA.M
Title : SVOA CALIBRATION

37	15.380	2103	2107	2112	rVB	2975103	4176400	5.51%	0.662%
38	15.457	2112	2120	2125	rBV4	2245248	5003754	6.60%	0.793%
39	15.515	2125	2130	2140	rVB2	3651789	7768526	10.25%	1.231%
40	15.662	2149	2155	2162	rVB	3607128	7033049	9.28%	1.114%
41	15.727	2162	2166	2180	rVB3	1179160	2674189	3.53%	0.424%
42	15.933	2199	2201	2205	rVV	1878000	2278530	3.01%	0.361%
43	16.009	2209	2214	2221	rVB3	1636743	2903687	3.83%	0.460%
44	16.221	2239	2250	2255	rBV3	2661204	6095457	8.04%	0.966%
45	16.268	2255	2258	2263	rVV2	1373071	2167277	2.86%	0.343%
46	16.368	2271	2275	2281	rVB3	1404176	2220676	2.93%	0.352%
47	16.421	2281	2284	2287	rBV2	833215	1191255	1.57%	0.189%
48	16.492	2292	2296	2300	rVB3	1159703	1602349	2.11%	0.254%
49	16.668	2318	2326	2329	rBV2	1791693	4253303	5.61%	0.674%
50	16.733	2329	2337	2348	rVB2	4674263	10760041	14.20%	1.705%
51	16.915	2363	2368	2370	rBV	2184304	3192781	4.21%	0.506%
52	16.968	2370	2377	2381	rVV	25579774	43349704	57.19%	6.869%
53	17.015	2381	2385	2387	rVV2	3539411	4988727	6.58%	0.790%
54	17.051	2387	2391	2396	rVV	14340097	21298355	28.10%	3.375%
55	17.104	2396	2400	2407	rVV2	1227355	2050760	2.71%	0.325%
56	17.321	2433	2437	2441	rBV	2312288	2863662	3.78%	0.454%
57	17.439	2453	2457	2462	rBV	2490986	2950528	3.89%	0.467%
58	17.639	2486	2491	2500	rVB	797358	1457955	1.92%	0.231%
59	17.792	2512	2517	2521	rBV	5693587	7573882	9.99%	1.200%
60	17.839	2521	2525	2531	rVB	7018423	9437754	12.45%	1.495%
61	17.921	2534	2539	2544	rBV	2509079	3750620	4.95%	0.594%
62	17.992	2544	2551	2554	rVV2	14599617	23459140	30.95%	3.717%
63	18.021	2554	2556	2563	rVB	2747942	3208489	4.23%	0.508%
64	18.298	2599	2603	2607	rVV	5157228	6507359	8.59%	1.031%
65	18.545	2642	2645	2650	rVV	1187786	1573073	2.08%	0.249%
66	18.598	2650	2654	2657	rVV	1083101	1395123	1.84%	0.221%
67	18.721	2669	2675	2680	rBV	1659682	2973721	3.92%	0.471%
68	18.786	2680	2686	2689	rBV2	1367879	2165409	2.86%	0.343%
69	18.886	2695	2703	2707	rBV2	623252	1557277	2.05%	0.247%
70	19.003	2714	2723	2728	rVV2	33017721	72142252	95.18%	11.431%
71	19.227	2756	2761	2766	rVB	2155023	2997504	3.95%	0.475%
72	19.368	2772	2785	2791	rBV5	29730733	75793826	100.00%	12.009%
73	19.421	2791	2794	2802	rVB2	2016407	3167923	4.18%	0.502%
74	19.533	2808	2813	2820	rBV	2532145	3475137	4.58%	0.551%
75	19.680	2831	2838	2844	rBV2	2333538	5886042	7.77%	0.933%
76	19.815	2855	2861	2862	rVV2	1728006	2743736	3.62%	0.435%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

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-BM011325.MA.M
Title : SVOA CALIBRATION

77	19.850	2863	2867	2872	rVB	8112791	11048117	14.58%	1.751%
78	19.950	2879	2884	2888	rVV	8867472	11340759	14.96%	1.797%
79	20.009	2888	2894	2897	rVV2	2809578	4806982	6.34%	0.762%
80	20.045	2897	2900	2904	rVV	1944811	2602595	3.43%	0.412%
81	20.145	2913	2917	2921	rBV	1148642	1520740	2.01%	0.241%
82	20.192	2921	2925	2930	rVV3	1469304	2259779	2.98%	0.358%
83	20.562	2983	2988	2993	rBV	935996	1771039	2.34%	0.281%
84	20.768	3018	3023	3026	rBV	2315169	3085800	4.07%	0.489%
85	20.803	3026	3029	3032	rVV	2614724	3168624	4.18%	0.502%
86	20.844	3032	3036	3050	rVB3	1655166	4039251	5.33%	0.640%
87	21.133	3076	3085	3090	rVV2	13235934	24383541	32.17%	3.863%
88	21.186	3090	3094	3102	rVB	11075402	17323428	22.86%	2.745%
89	21.315	3112	3116	3126	rVB	2625323	4110688	5.42%	0.651%
90	21.497	3142	3147	3154	rBV2	909721	1809814	2.39%	0.287%
91	21.786	3189	3196	3201	rVV	929383	1795034	2.37%	0.284%
92	22.062	3240	3243	3250	rVB	1187803	1885060	2.49%	0.299%
93	23.056	3404	3412	3418	rBV	4024751	10524493	13.89%	1.668%
94	23.268	3443	3448	3457	rVB	704050	1357452	1.79%	0.215%
95	23.668	3509	3516	3522	rBV	1762260	3990192	5.26%	0.632%
96	23.733	3522	3527	3532	rVV	1671804	3558251	4.69%	0.564%
97	23.791	3532	3537	3550	rVB	2615697	5702702	7.52%	0.904%
98	23.921	3551	3559	3565	rBV2	1586612	3728679	4.92%	0.591%
99	23.985	3566	3570	3583	rVB2	614830	1526843	2.01%	0.242%
100	26.997	4074	4082	4101	rVB2	590815	2487379	3.28%	0.394%

Sum of corrected areas: 631129773

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
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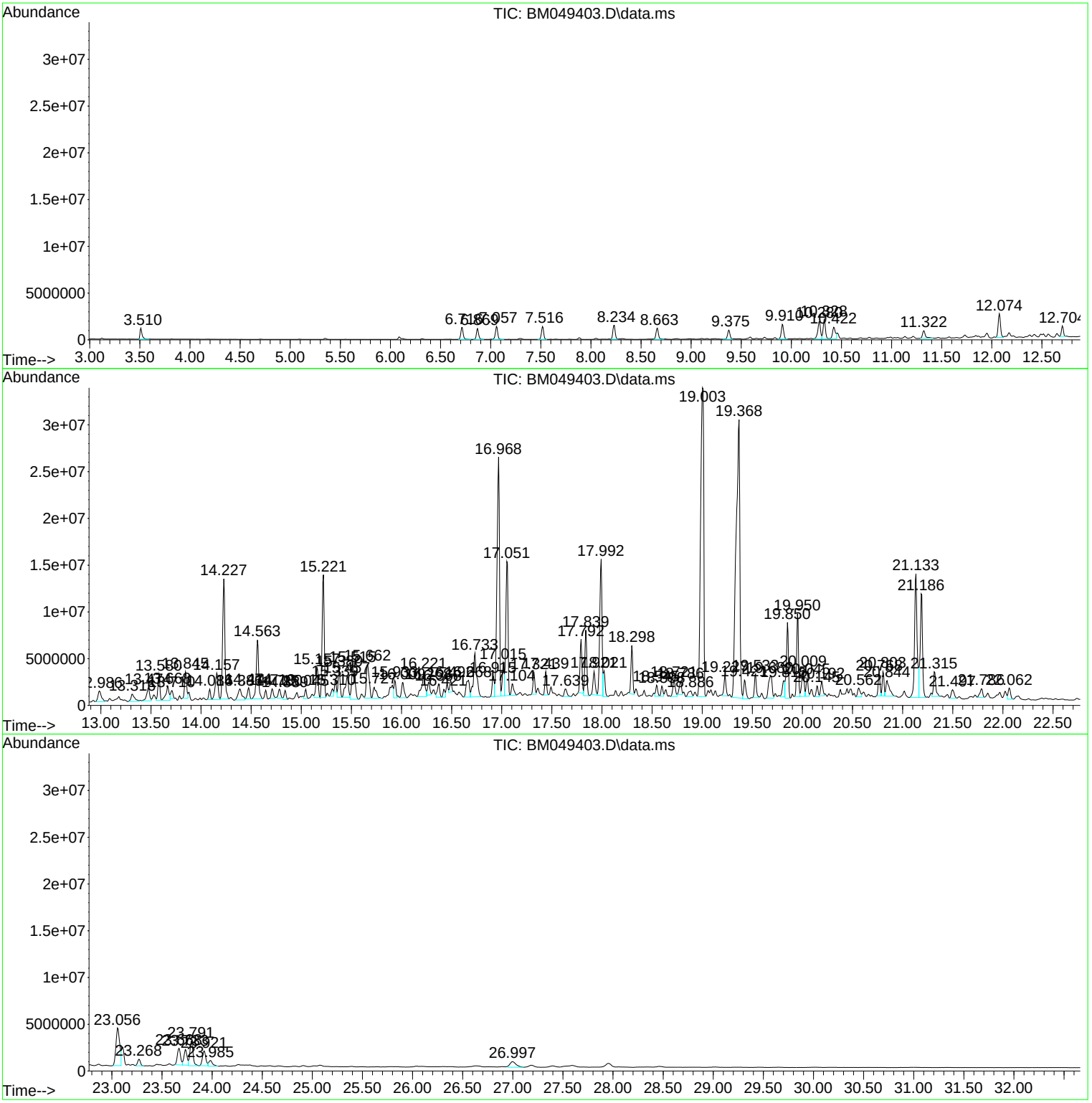
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.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\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

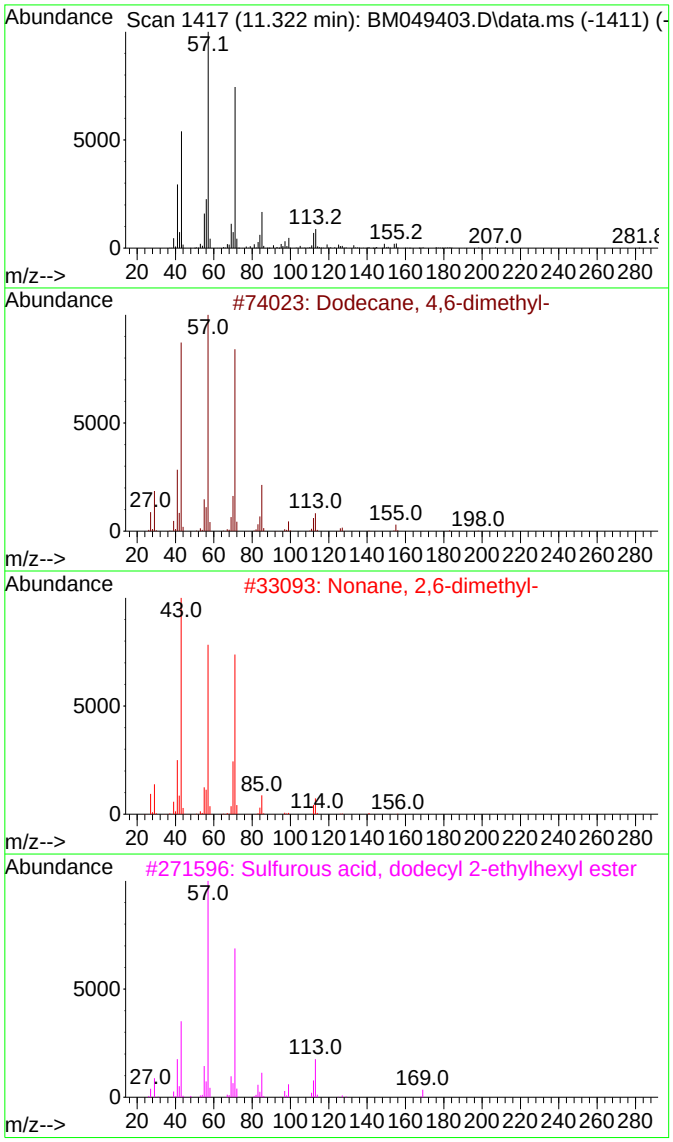
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

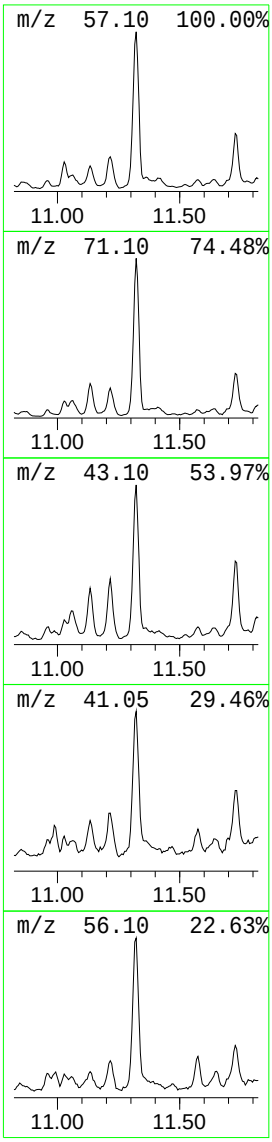
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	9.47 ng/ul	1645650	Naphthalene-d8	10.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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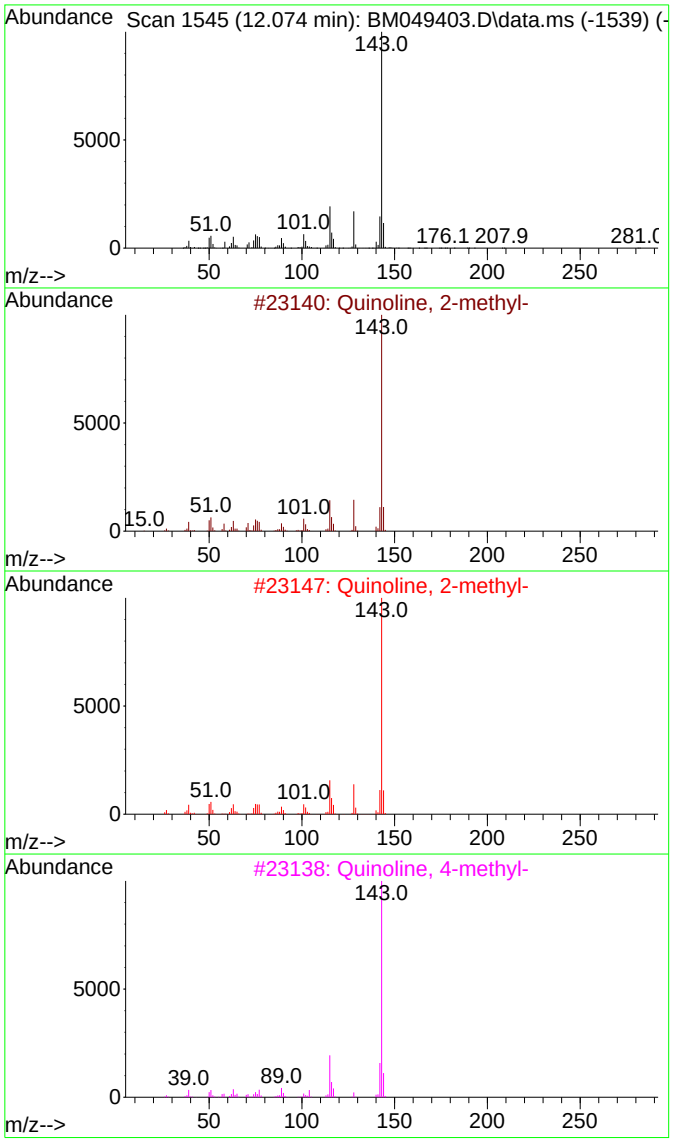
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

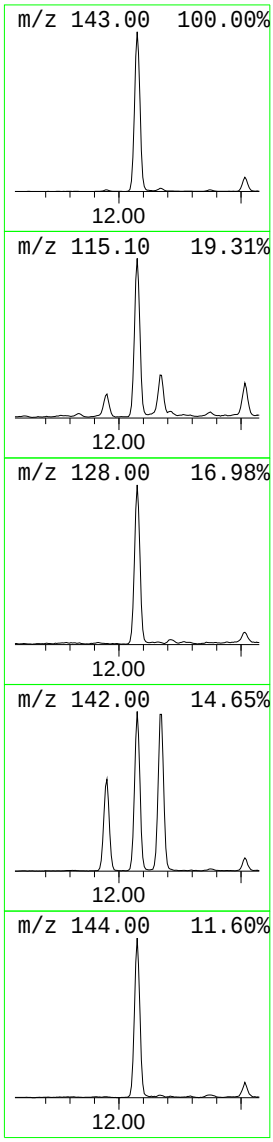
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Quinoline, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	23.28 ng/ul	4044940	Naphthalene-d8	10.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
4	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	87
5	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
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Instrument :
BNA_M
ClientSampleId :
DCZH8

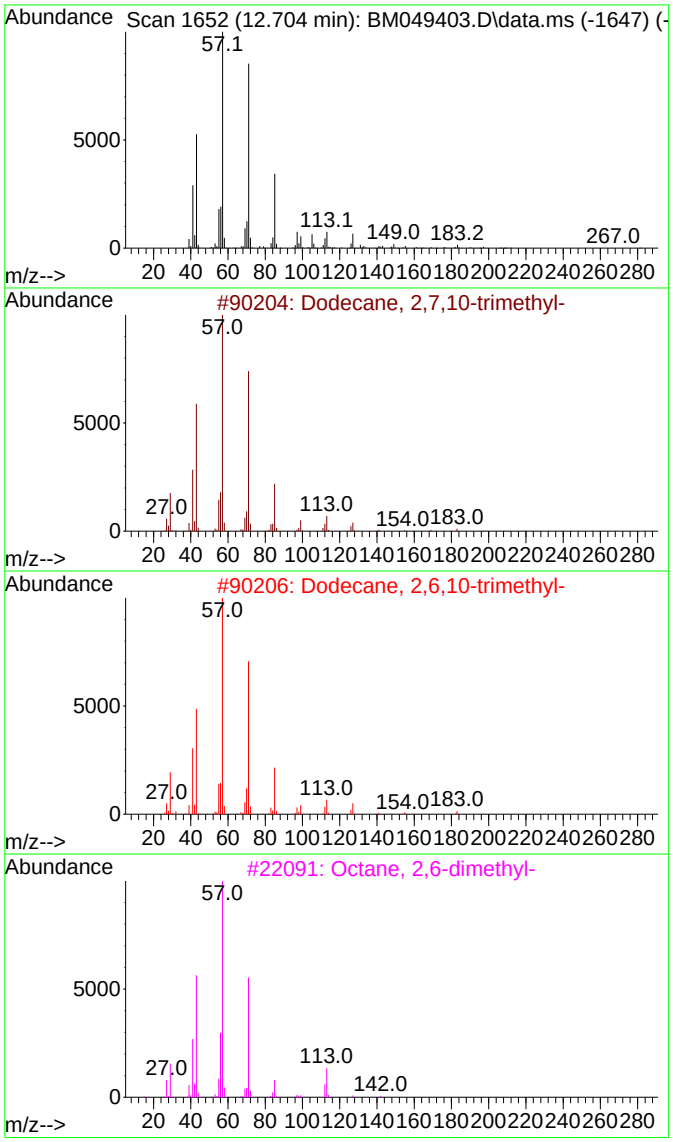
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

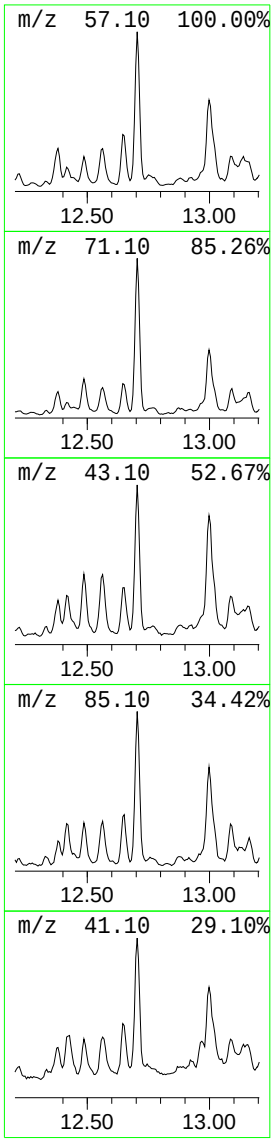
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	5.40 ng/ul	1506930	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

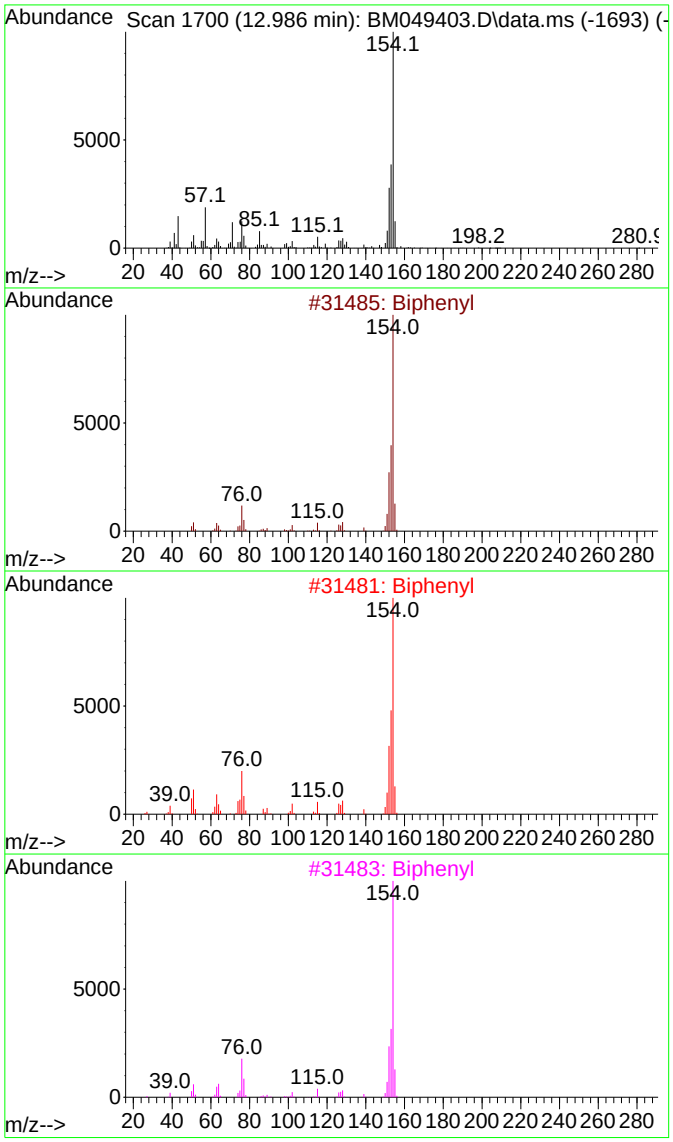
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

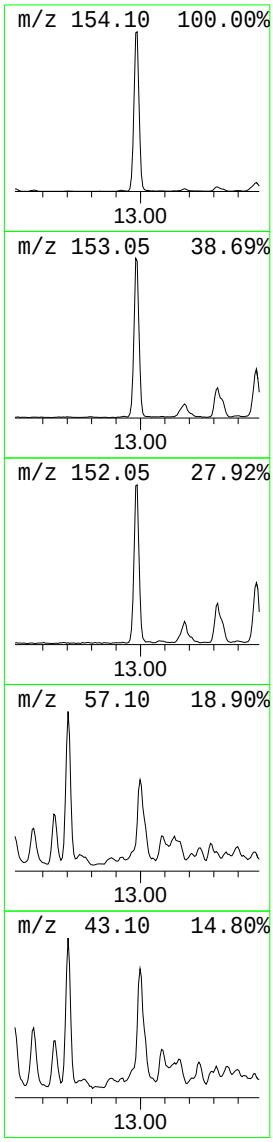
****

Peak Number 4 Biphenyl Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	9.99 ng/ul	2784350	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	92
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

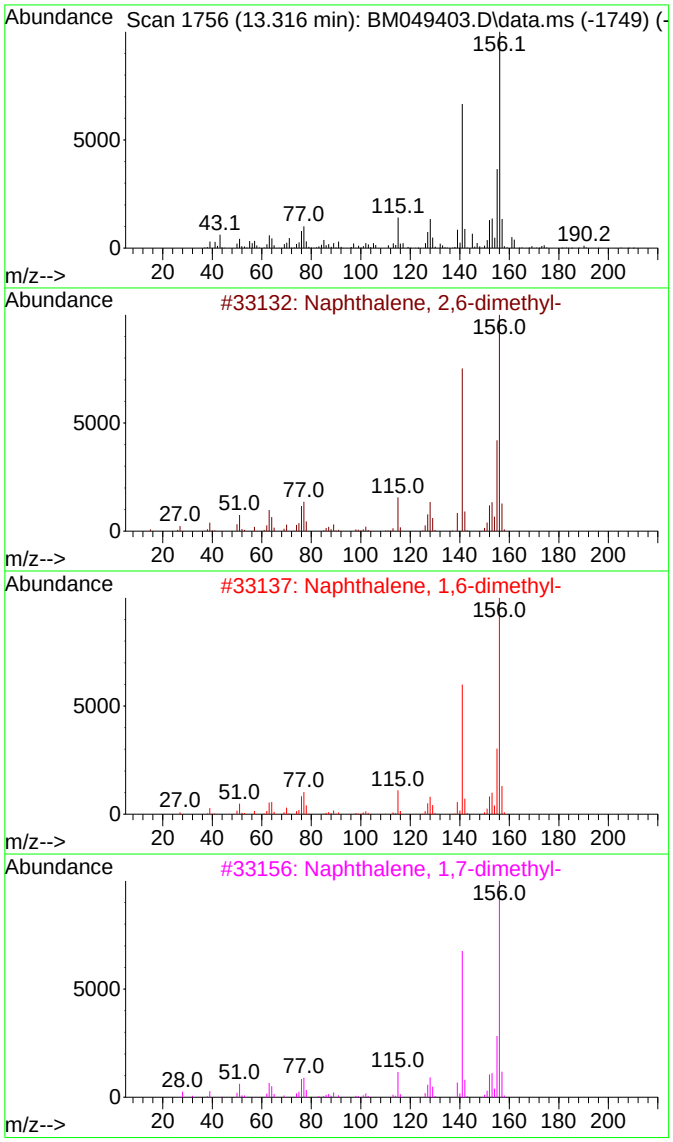
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

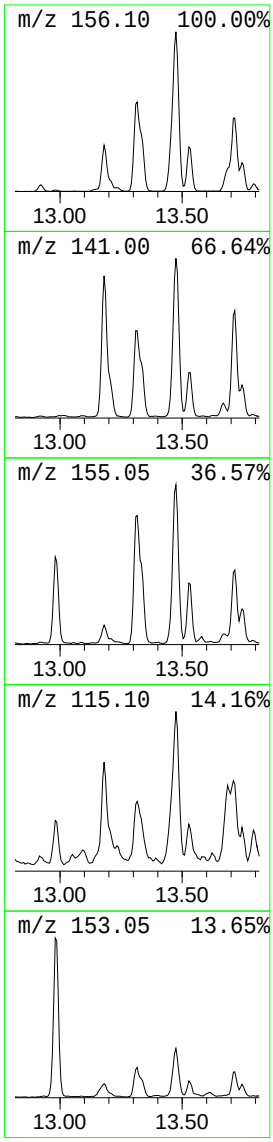
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	7.32 ng/ul	2039800	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

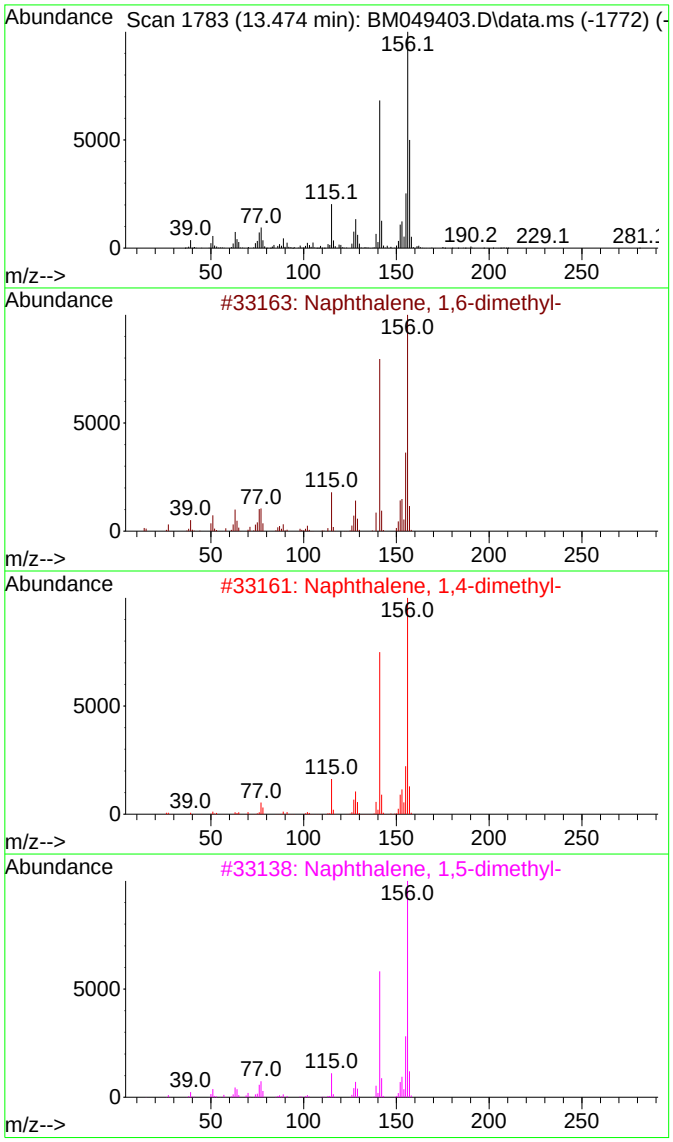
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

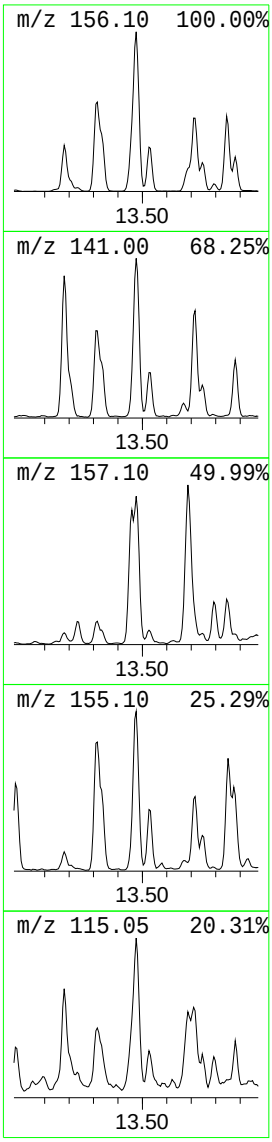
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.474	10.46 ng/ul	2915780	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

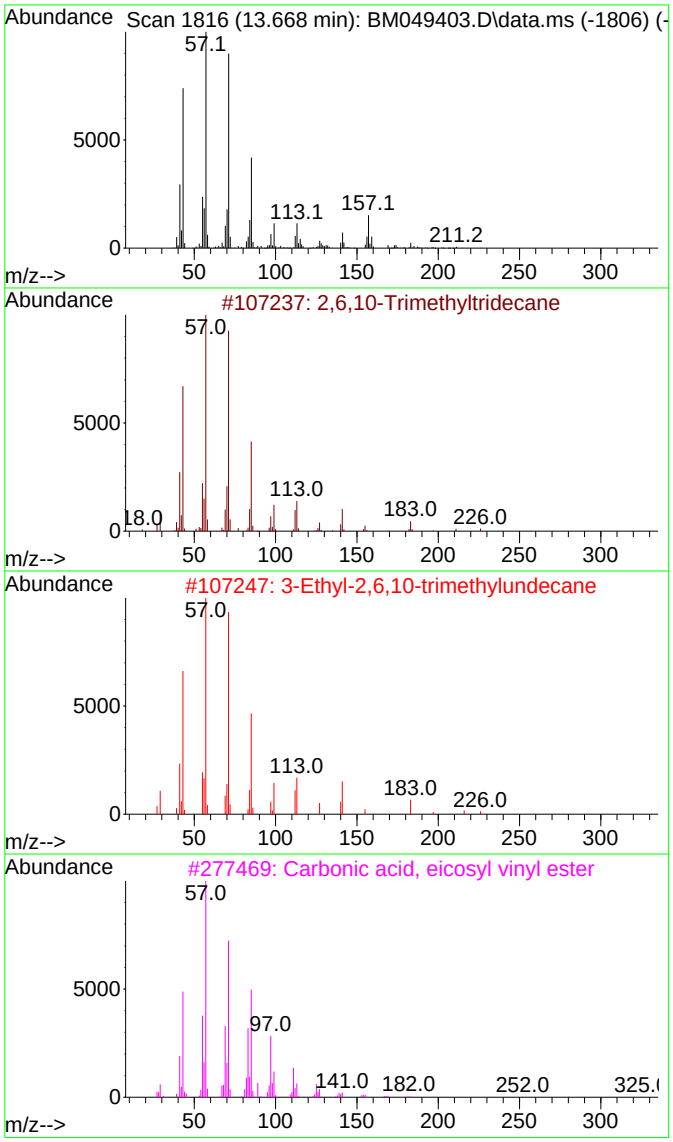
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

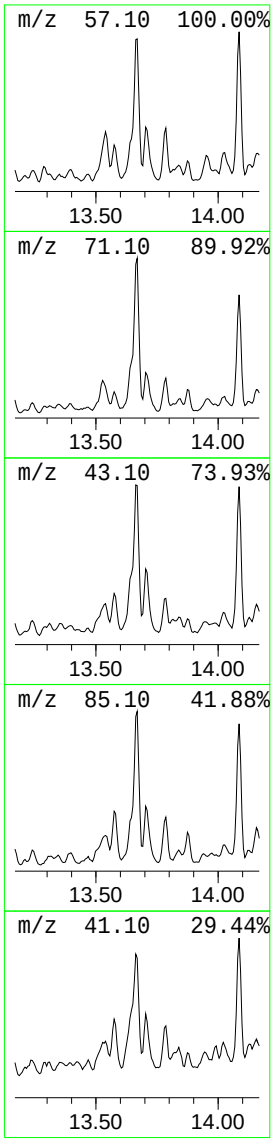
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	11.99 ng/ul	3343270	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	94
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64





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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

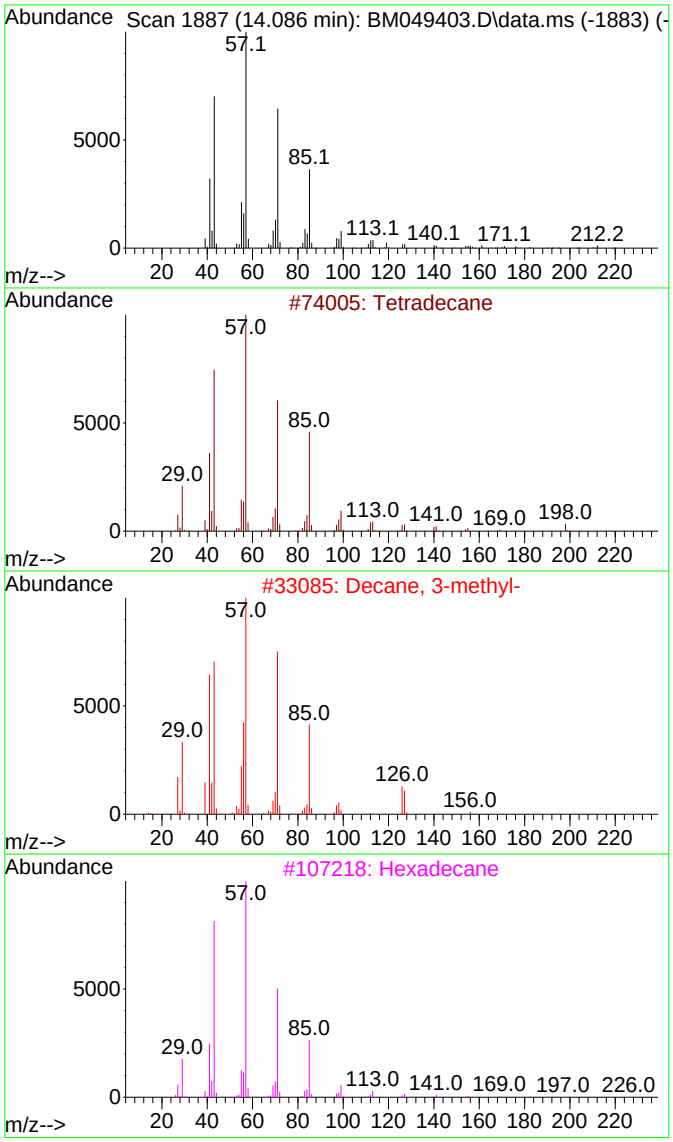
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

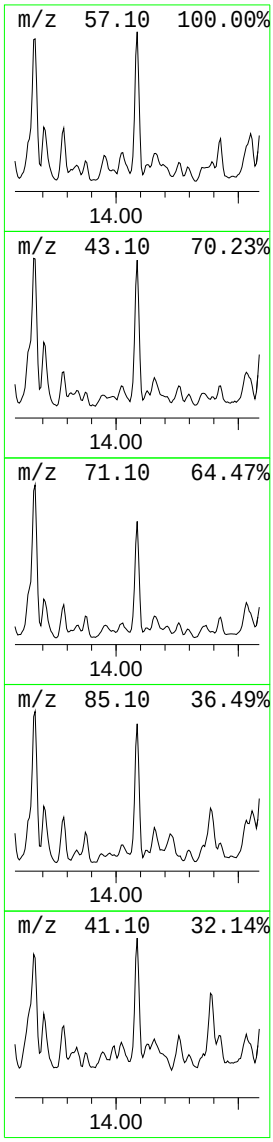
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	4.77 ng/ul	1329370	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Decane, 3-methyl-	156	C11H24	013151-34-3	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Undecane	156	C11H24	001120-21-4	80





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

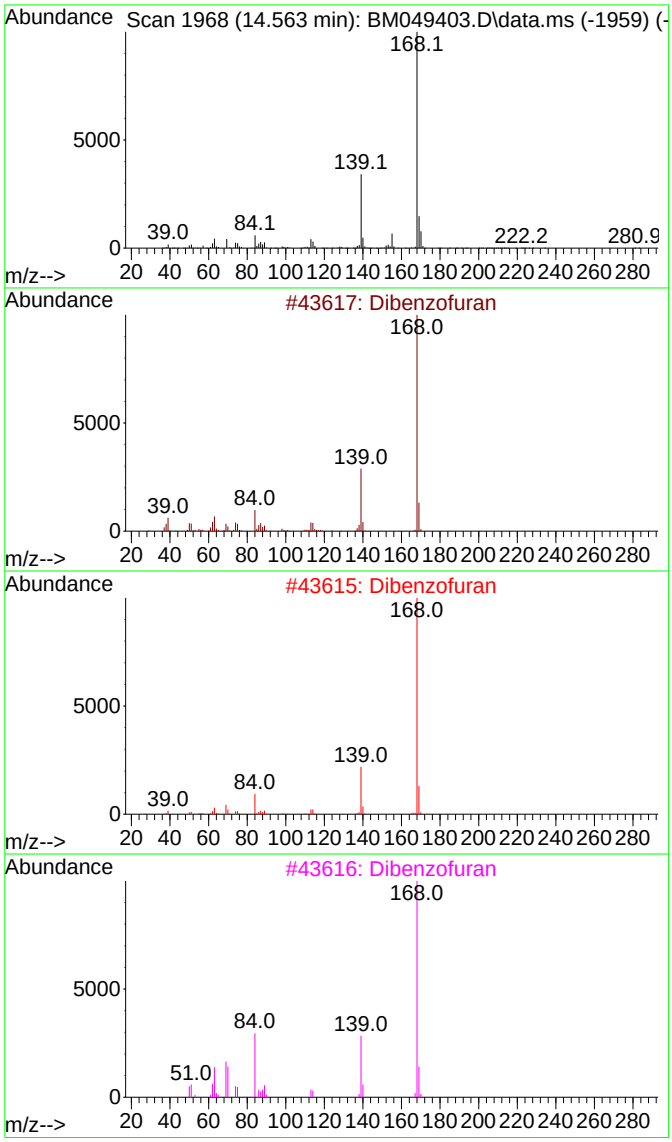
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

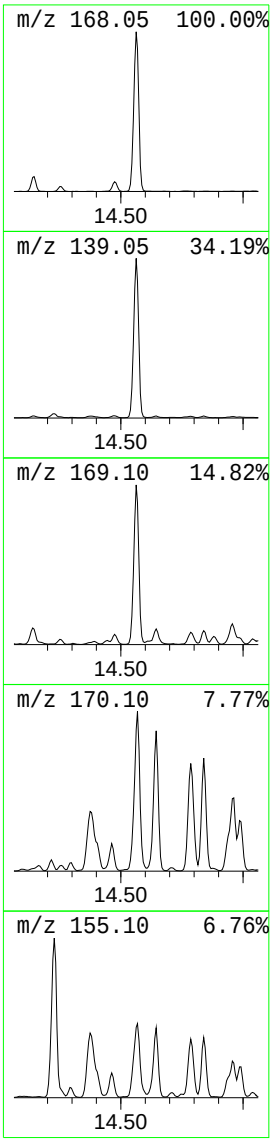
****

Peak Number 11 Dibenzo furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	37.39 ng/ul	10426700	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	3,6-Diazahomoadamantan-9-ol	168	C9H16N2O	138023-21-9	50
5	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50





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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

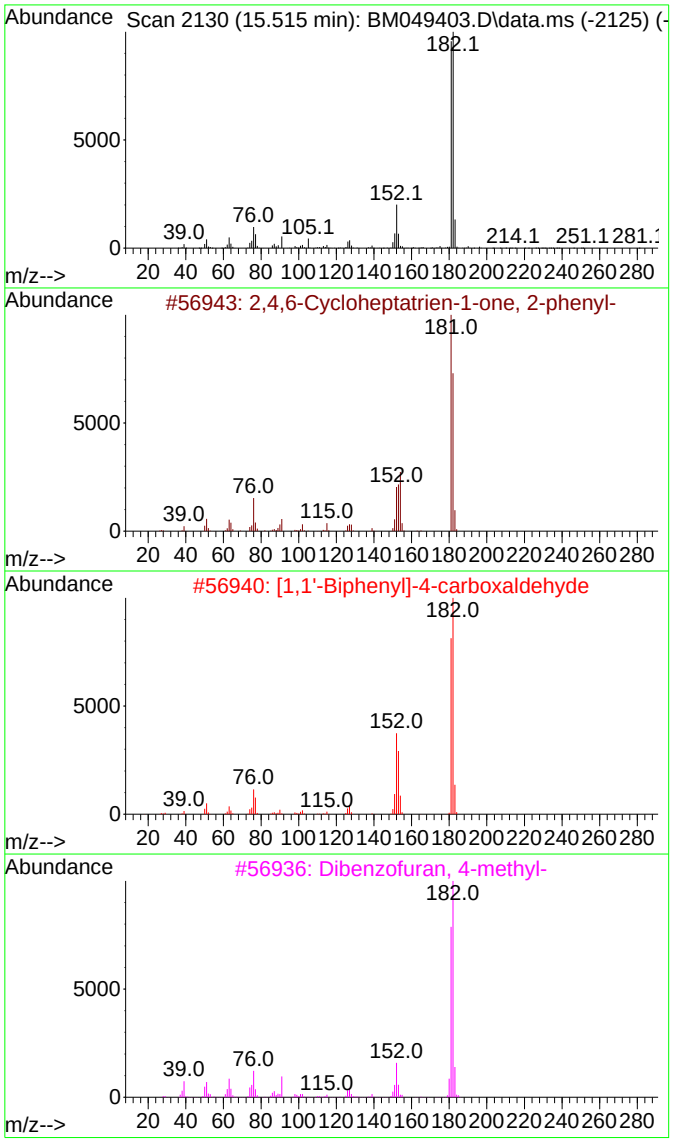
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

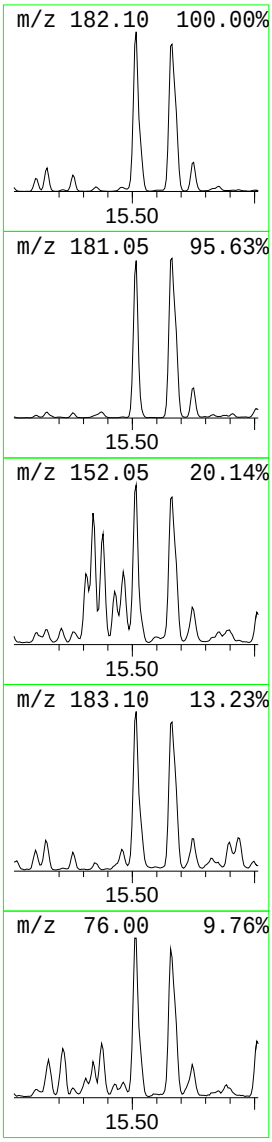
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,4,6-Cycloheptatrien-1-one... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.515	27.86 ng/ul	7768530	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

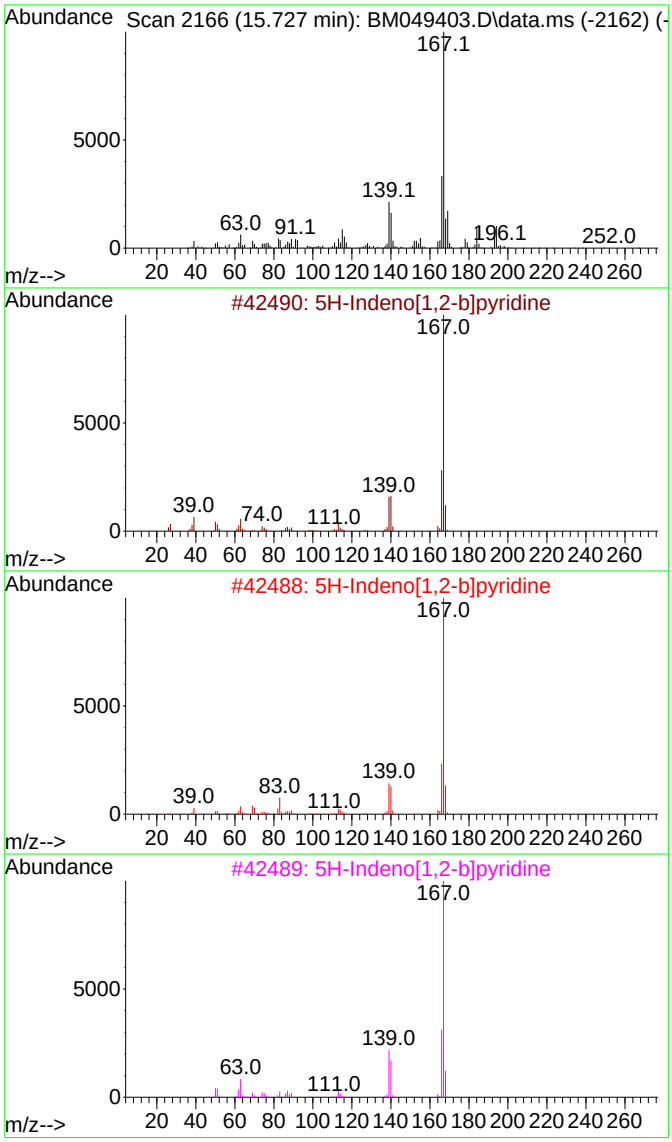
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

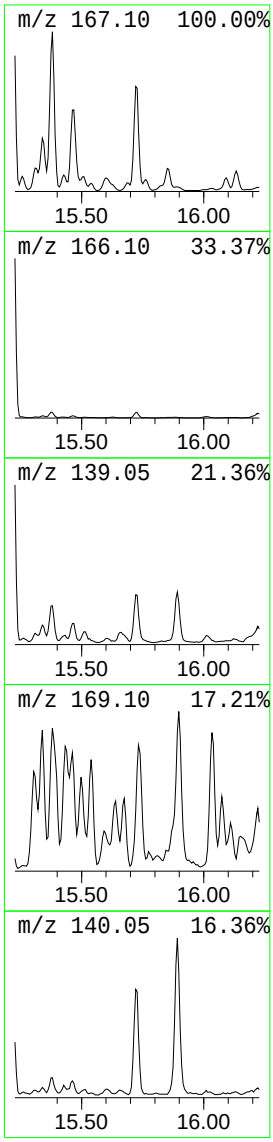
****

Peak Number 20 5H-Indeno[1,2-b]pyridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	16.75 ng/ul	2674190	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72
5	2-Azafluorene	167	C12H9N	000244-40-6	64





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

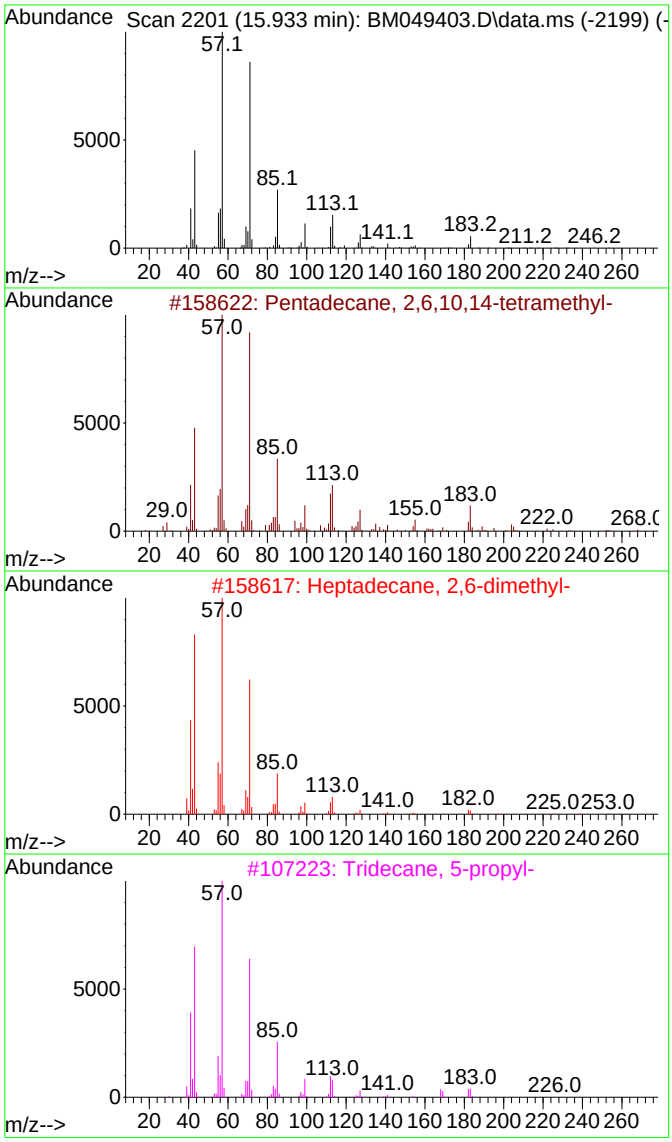
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

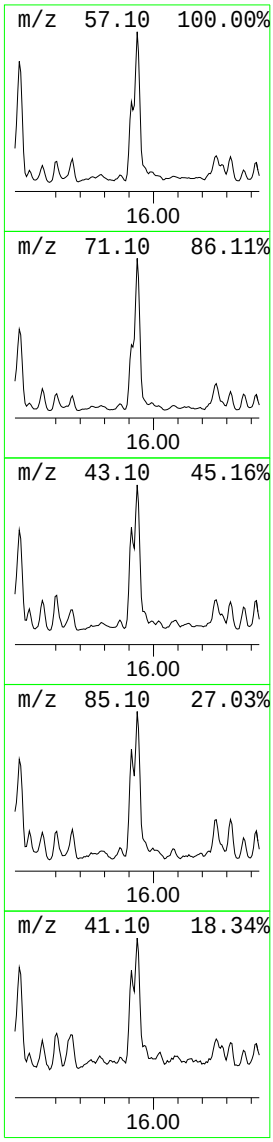
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.933	14.27 ng/ul	2278530	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

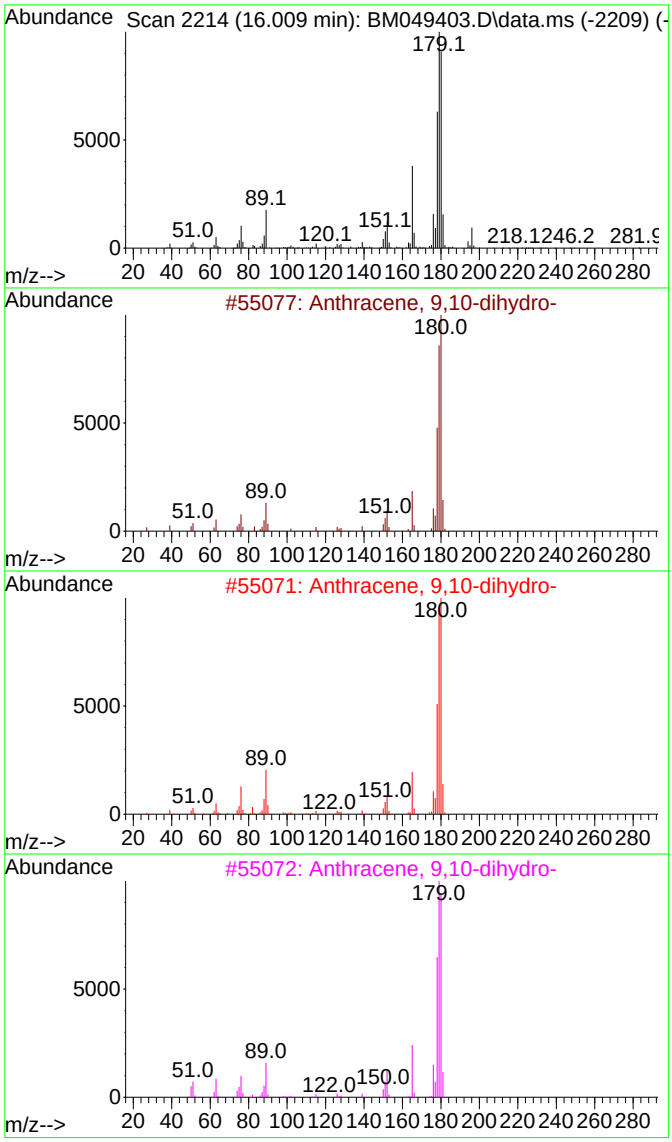
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

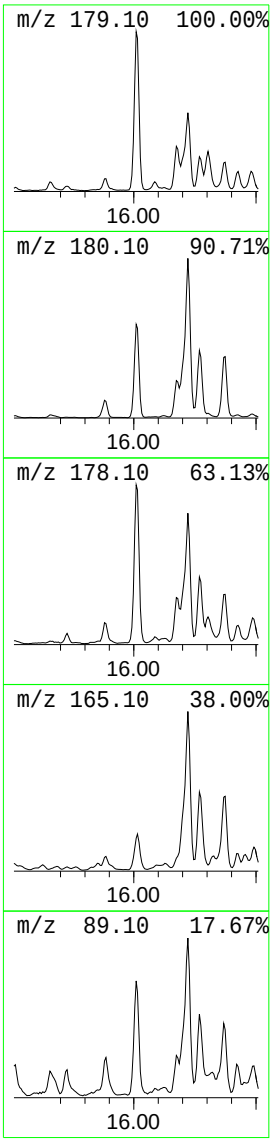
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Anthracene, 9,10-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	18.19 ng/ul	2903690	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
4	Phenanthrene, 1,2-dihydro-	180	C14H12	056179-83-0	93
5	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	92





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Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

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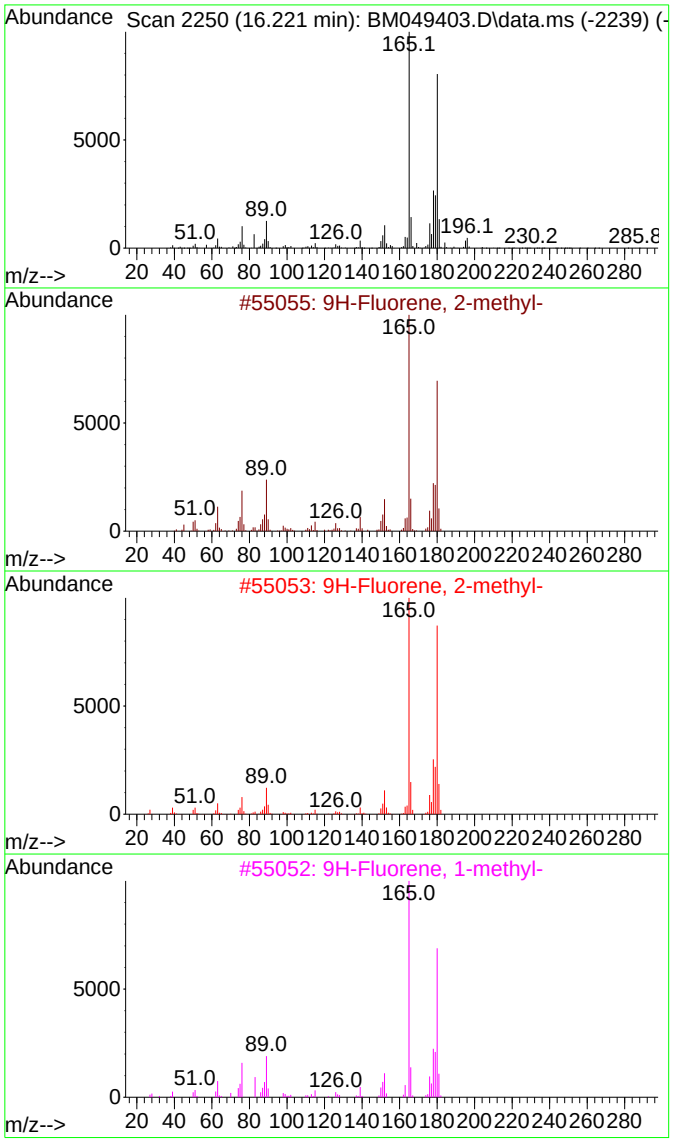
Quant Title : SVOA CALIBRATION

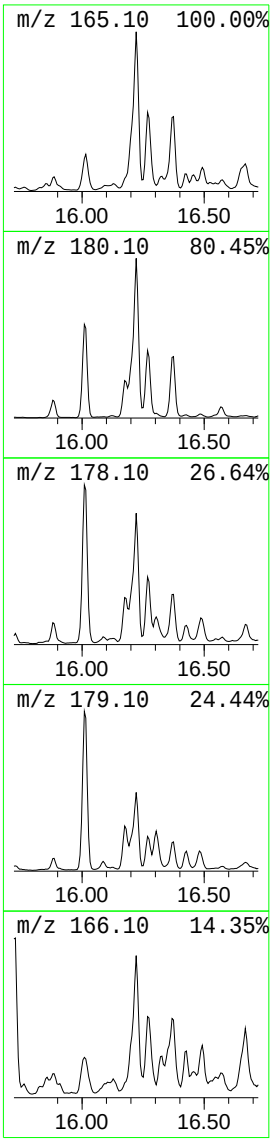
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9H-Fluorene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	38.18 ng/ul	6095460	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

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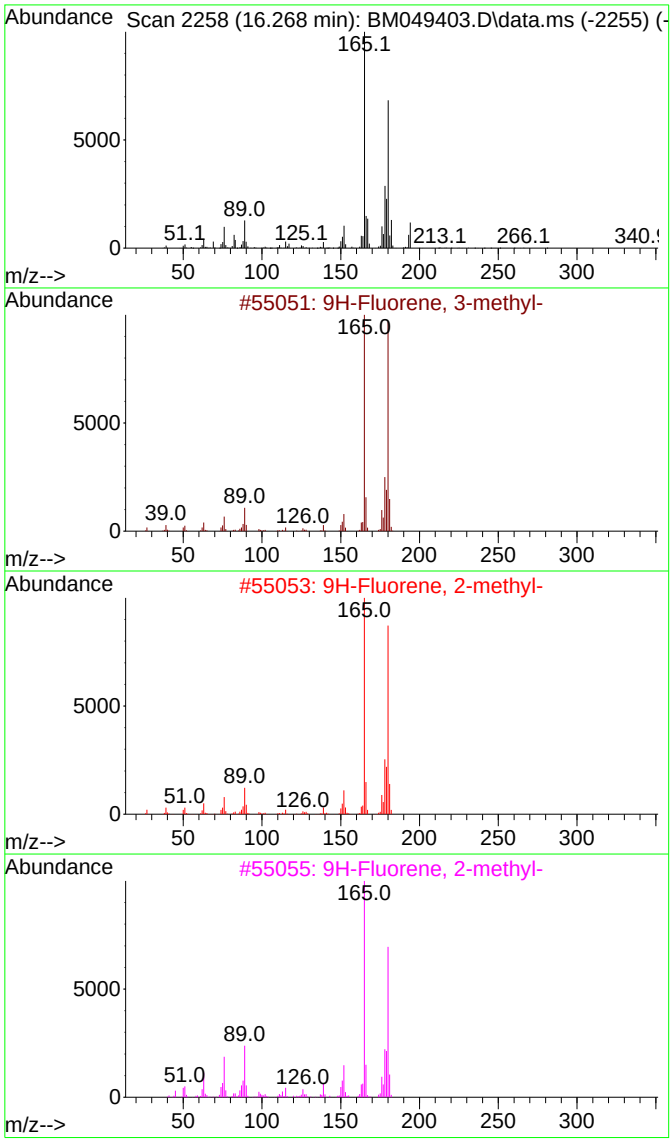
Quant Title : SVOA CALIBRATION

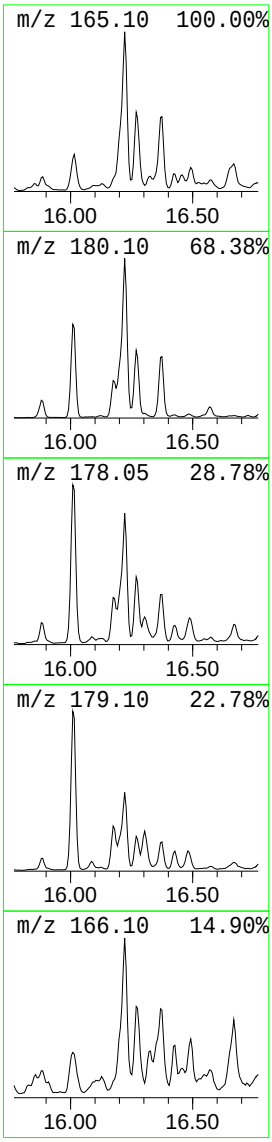
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9H-Fluorene, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	13.58 ng/ul	2167280	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62





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Sample : Q1139-11
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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
DCZH8

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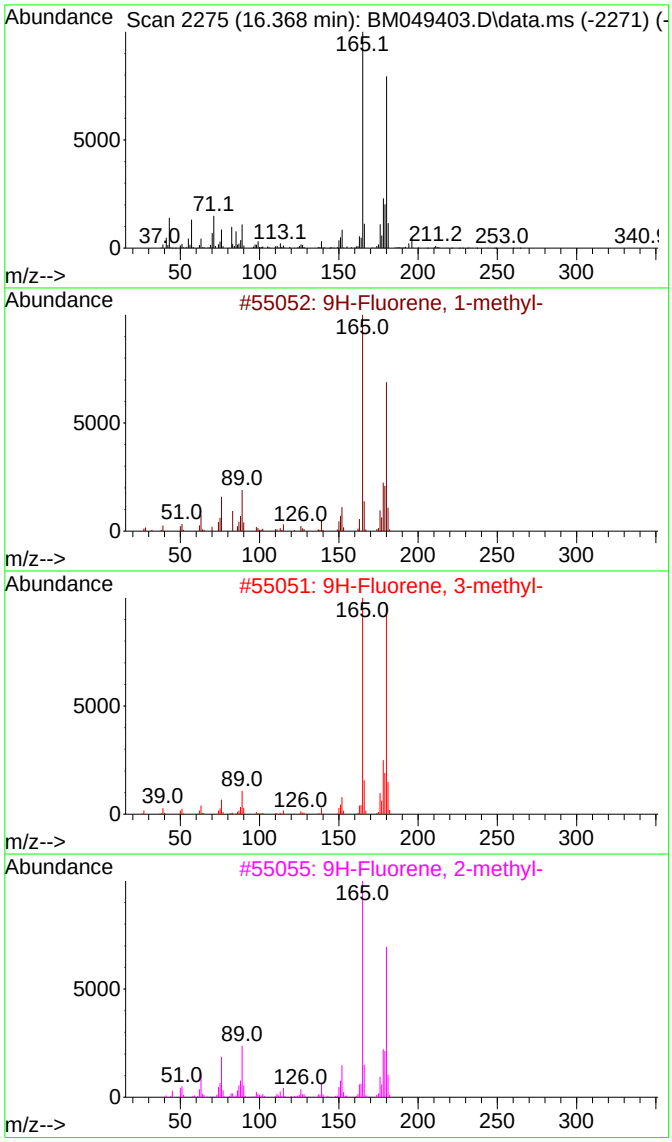
Quant Title : SVOA CALIBRATION

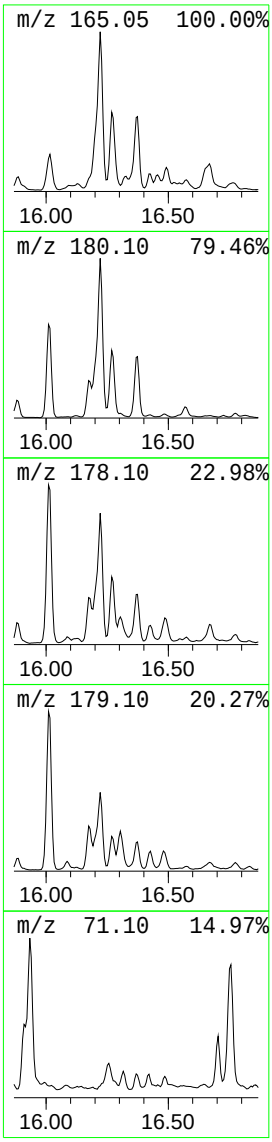
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 9H-Fluorene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.368	13.91 ng/ul	2220680	Phenanthrene-d10	16.915

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





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Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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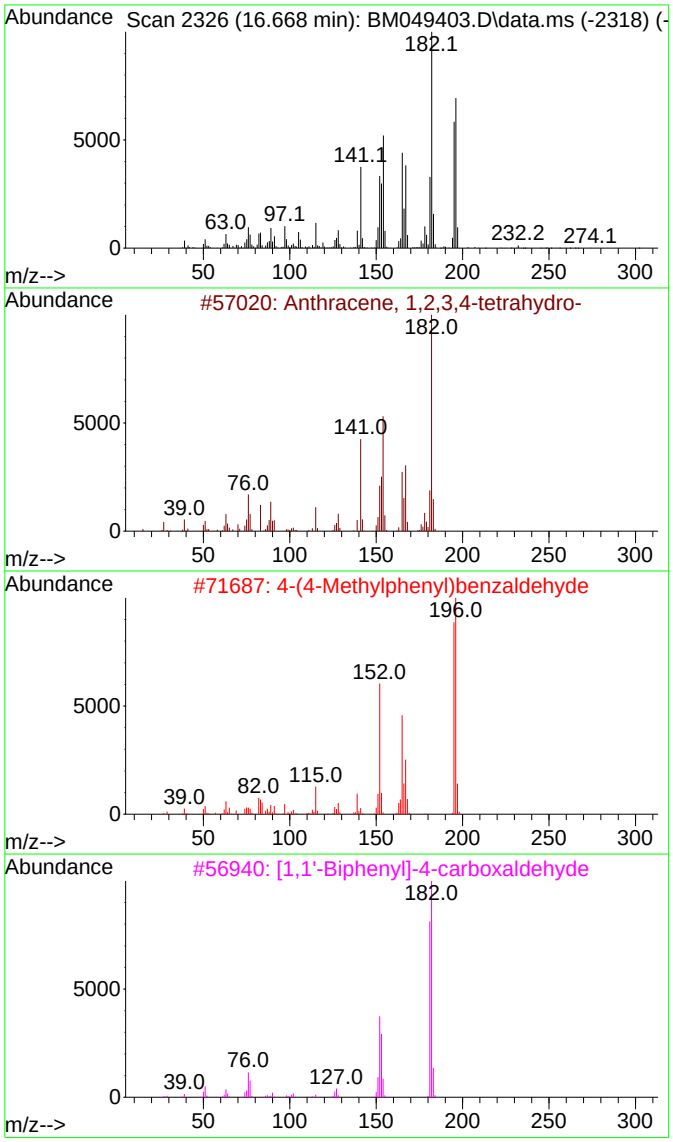
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

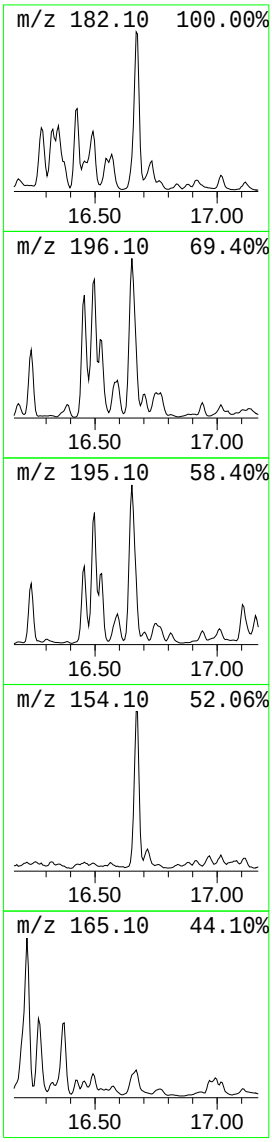
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.668	26.64 ng/ul	4253300	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	70
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55
5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	55





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

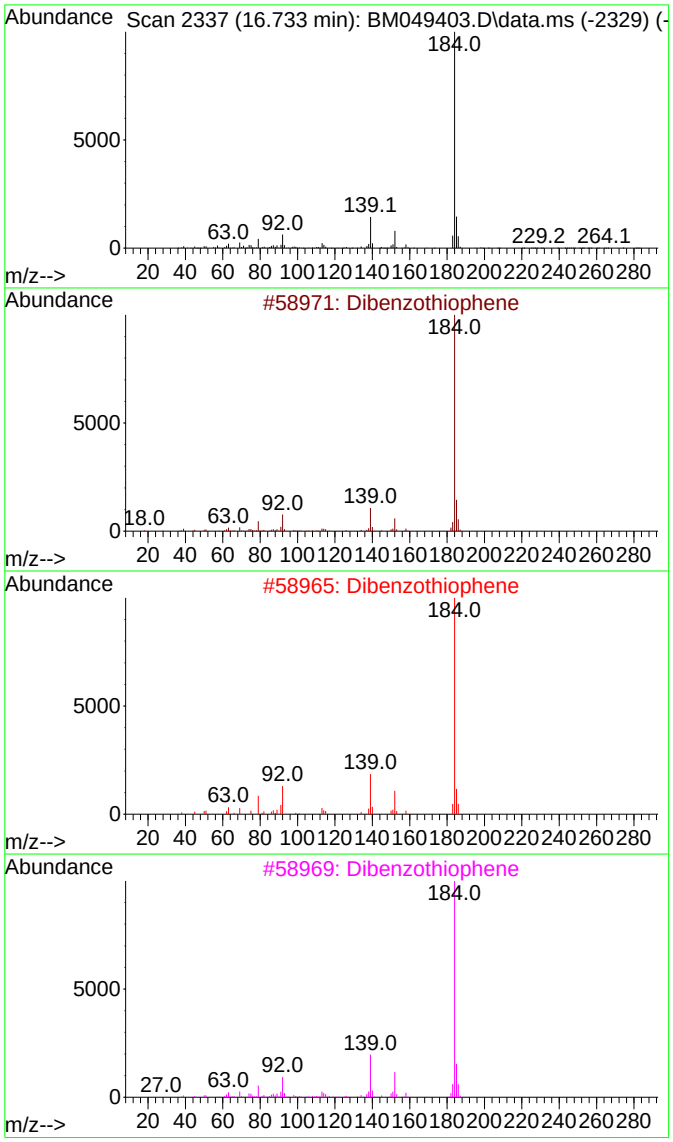
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

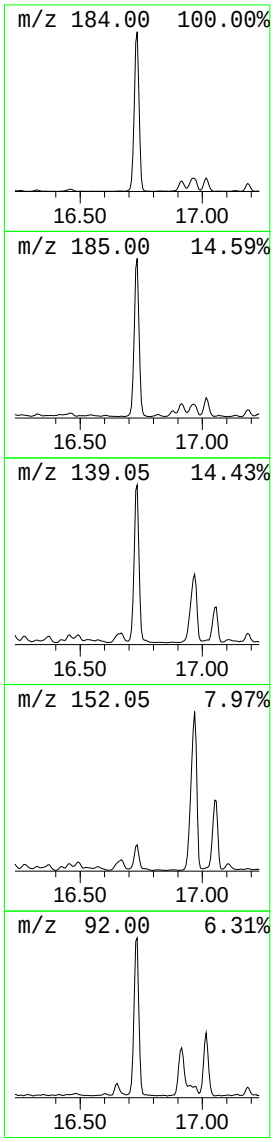
****

Peak Number 29 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.733	67.40 ng/ul	10760000	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

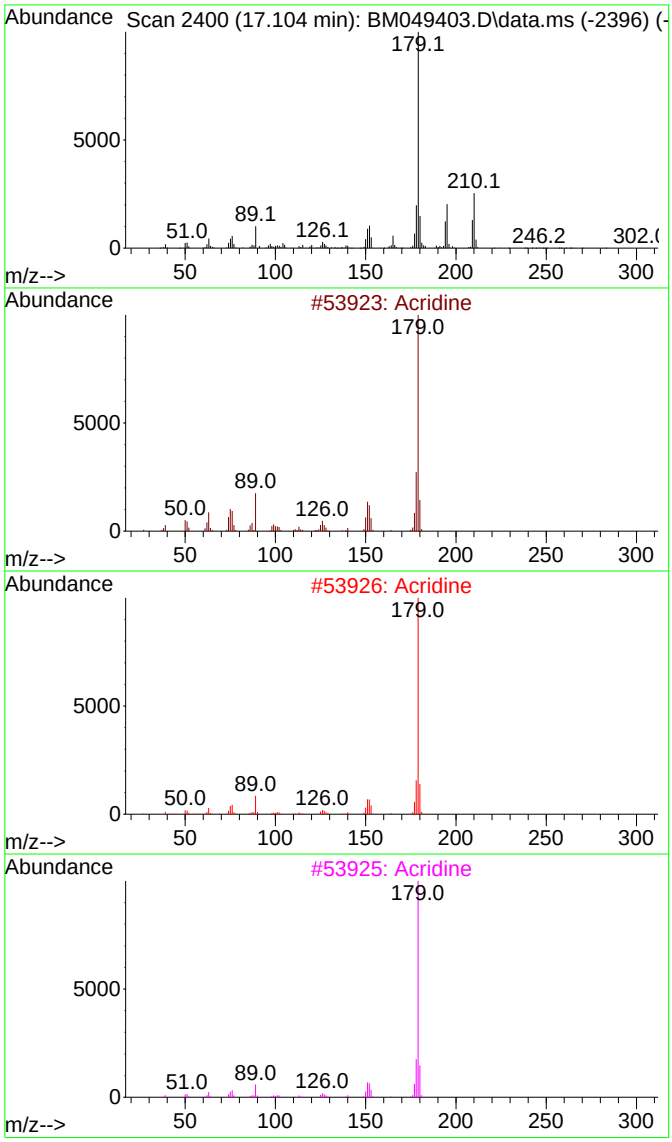
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

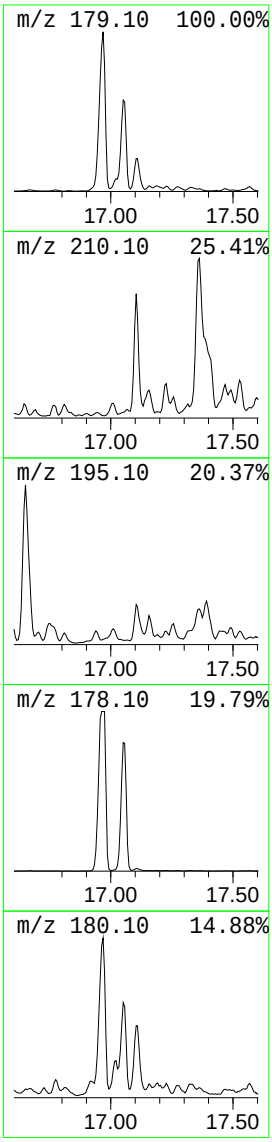
****

Peak Number 30 Acridine Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	12.85 ng/ul	2050760	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Acridine	179	C13H9N	000260-94-6	93
3	Acridine	179	C13H9N	000260-94-6	93
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	92
5	Acridine	179	C13H9N	000260-94-6	92





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

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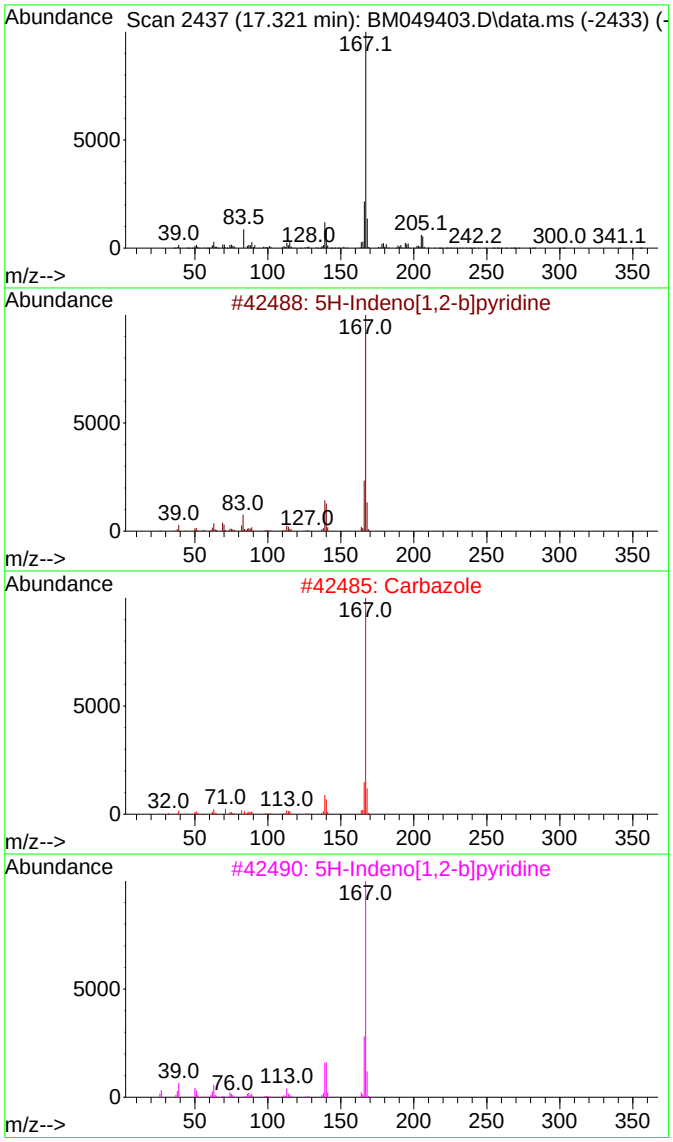
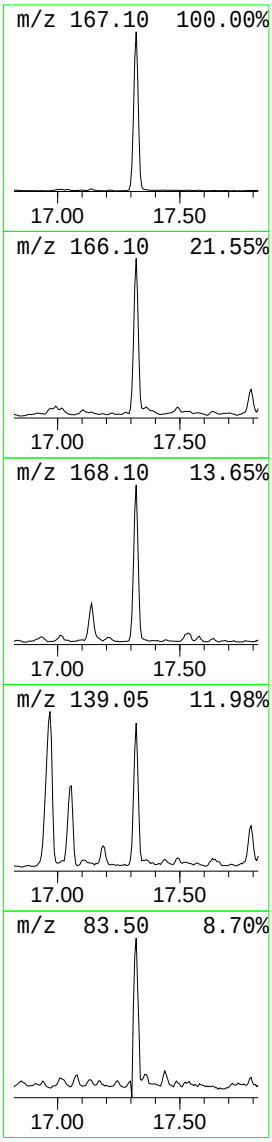
Peak Number 31 Carba zole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.321	17.94 ng/ul	2863660	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	Carbazole	167	C12H9N	000086-74-8	90
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	Carbazole	167	C12H9N	000086-74-8	86
5	Carbazole	167	C12H9N	000086-74-8	81





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Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

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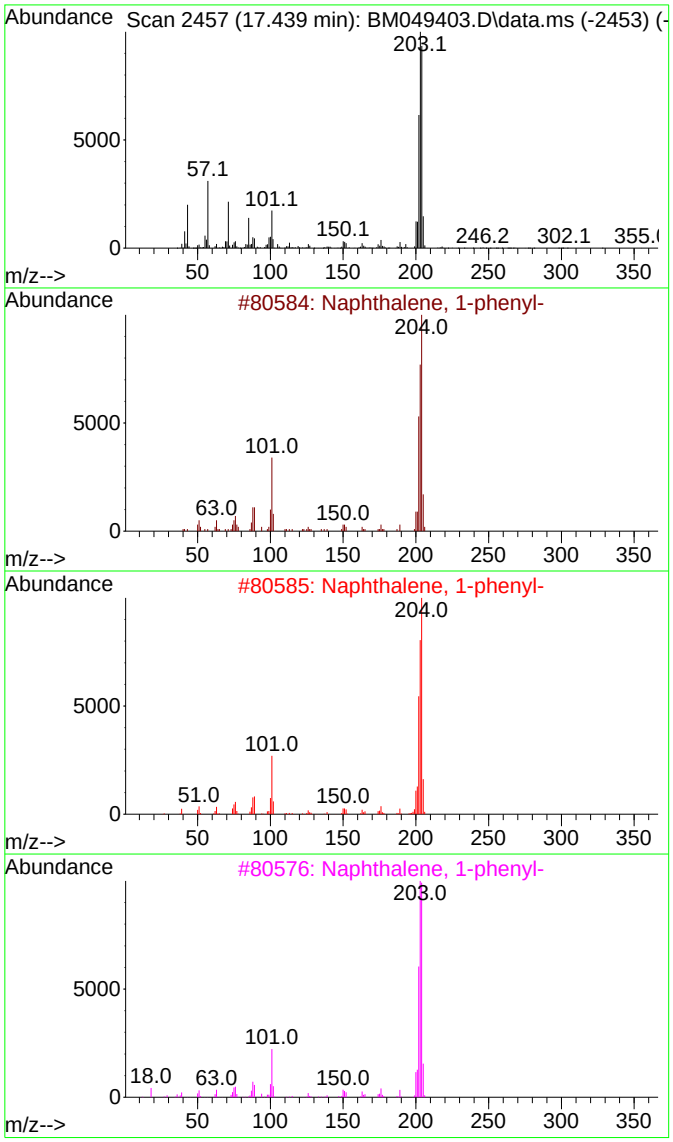
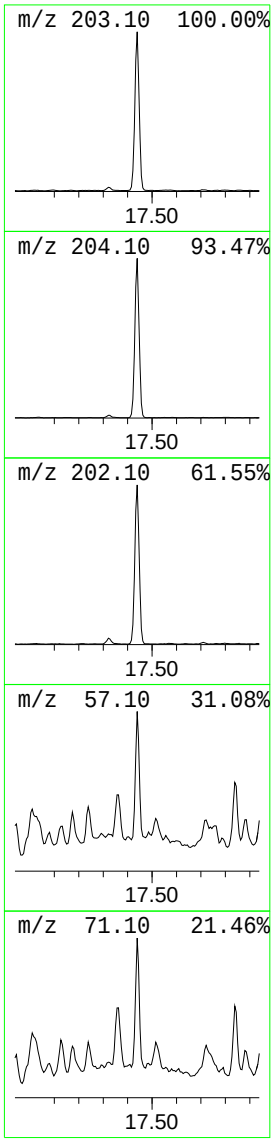
Peak Number 32 Naphthalene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.439	18.48 ng/ul	2950530	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	70
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	70





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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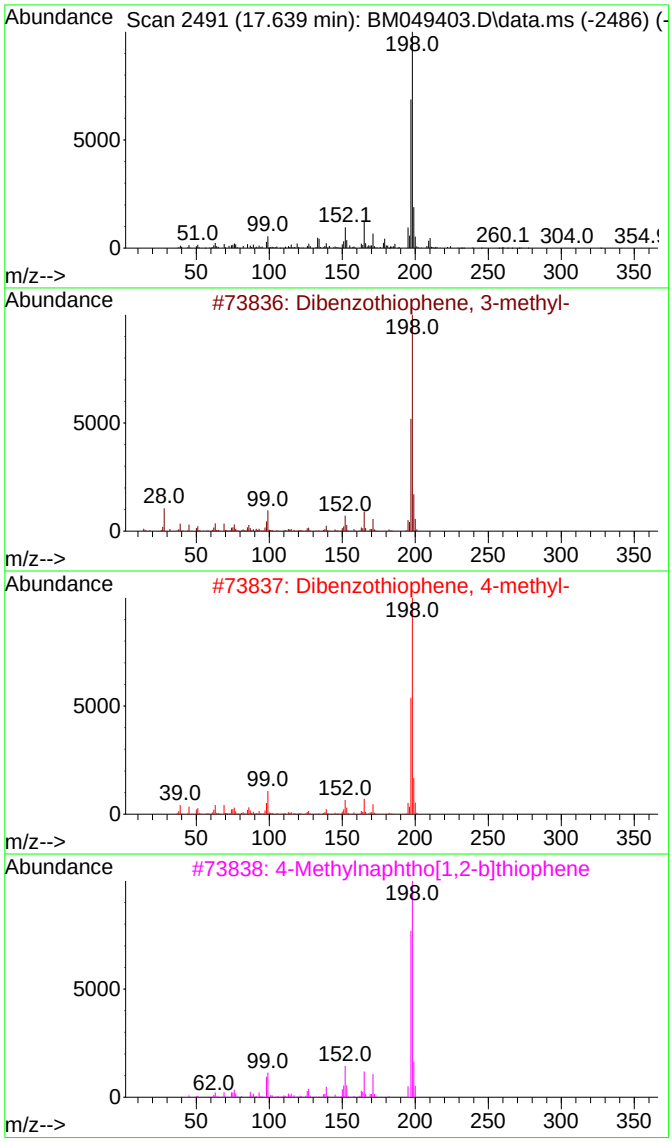
Quant Title : SVOA CALIBRATION

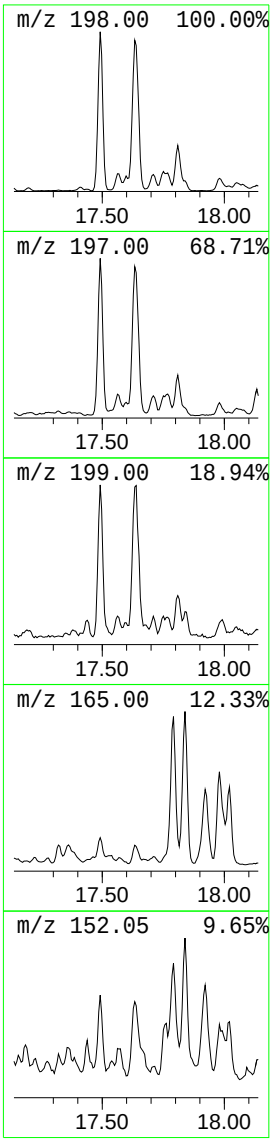
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Dibenzothiophene, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.639	9.13 ng/ul	1457960	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

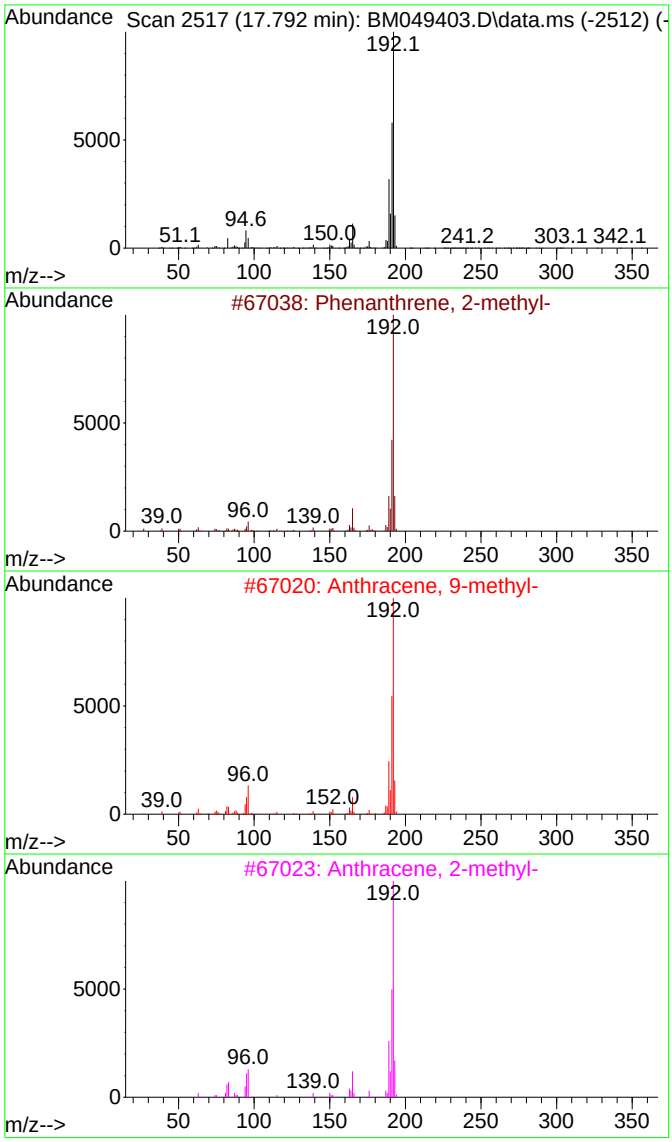
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

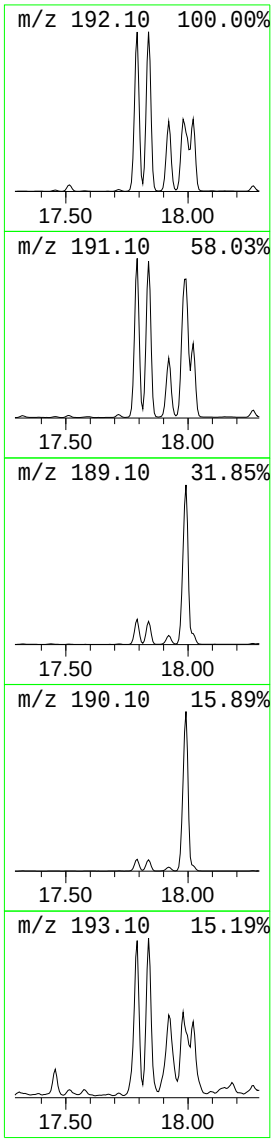
****

Peak Number 34 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	47.44 ng/ul	7573880	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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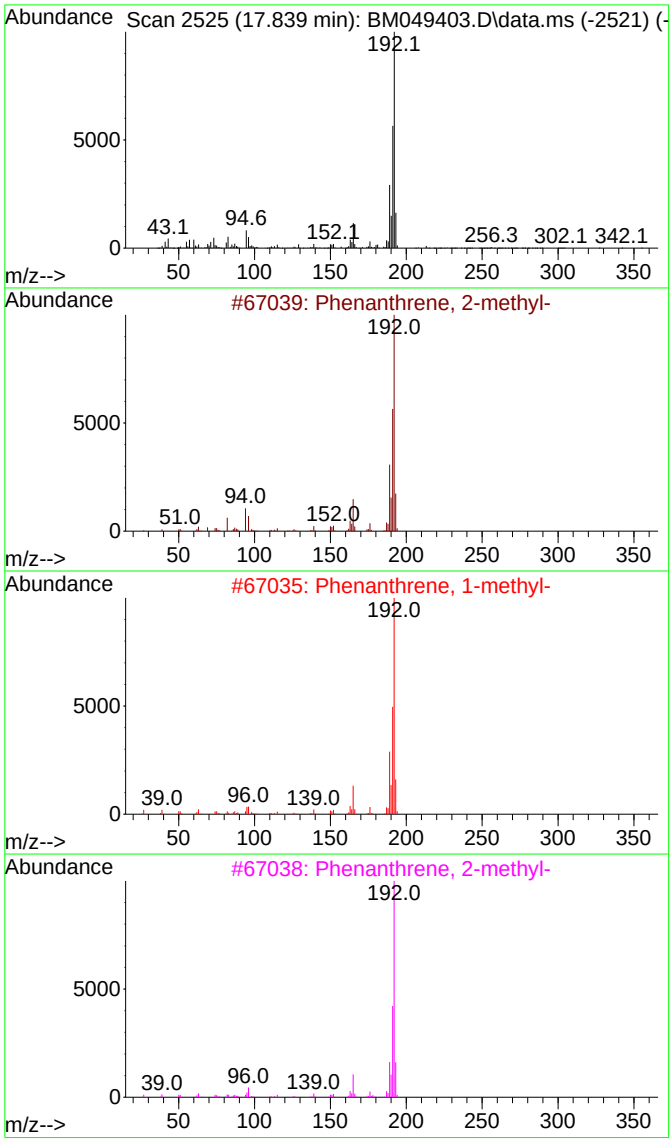
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

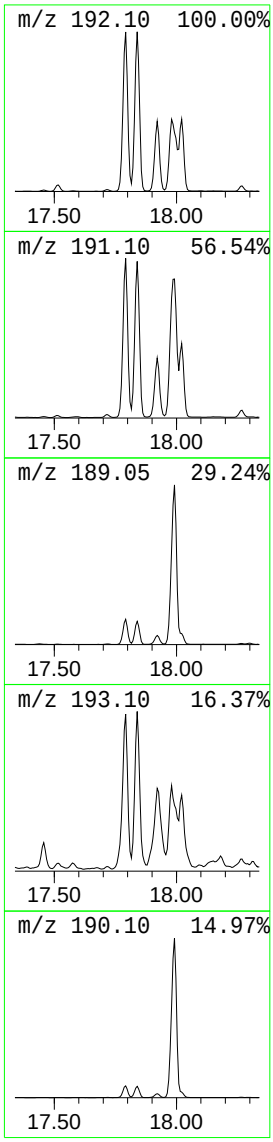
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	59.12 ng/ul	9437750	Phenanthrene-d10	16.915

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

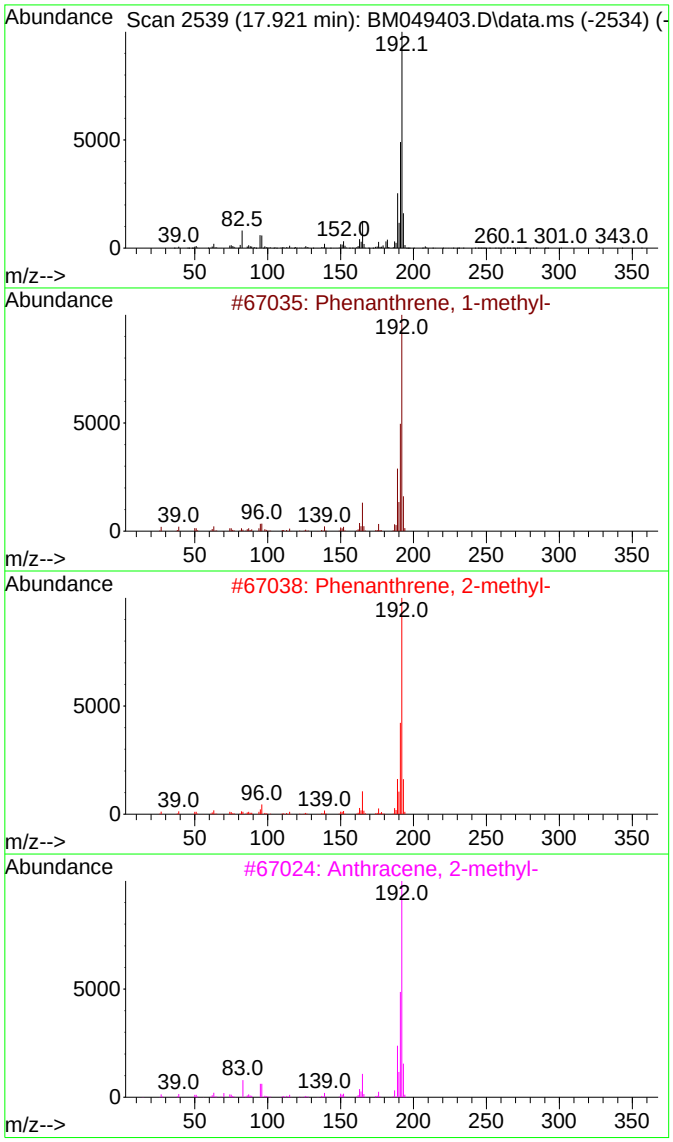
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

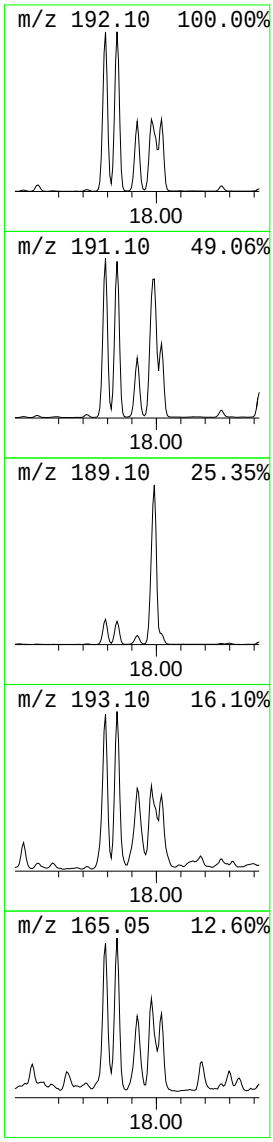
****

Peak Number 36 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	23.49 ng/ul	3750620	Phenanthrene-d10	16.915

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97





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Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

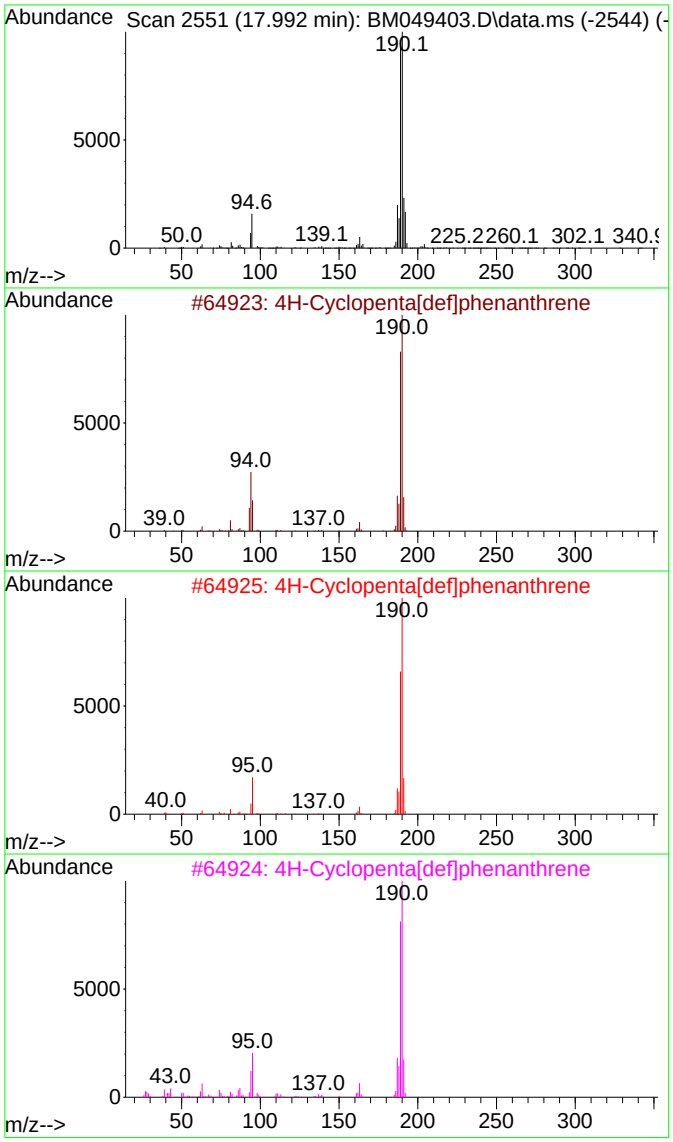
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

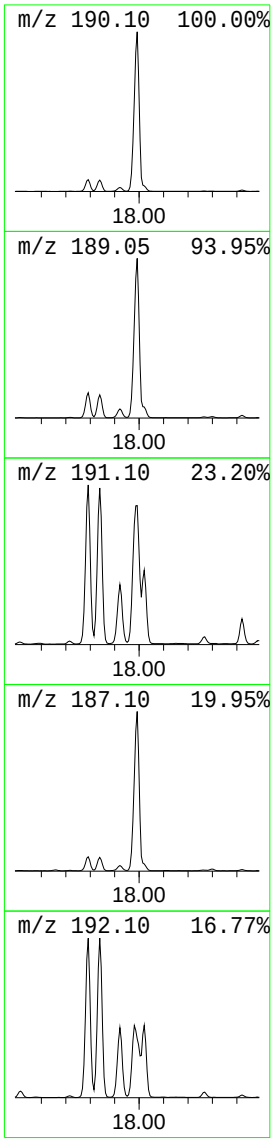
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	146.95 ng/ul	23459100	Phenanthrene-d10	16.915

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	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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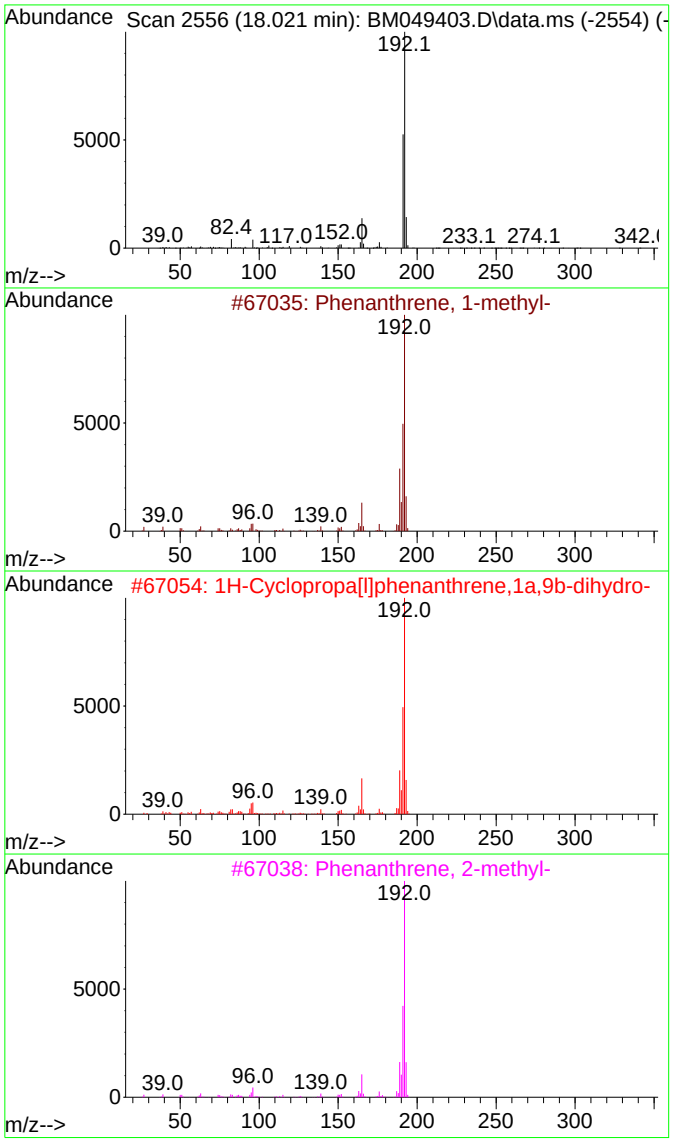
Quant Title : SVOA CALIBRATION

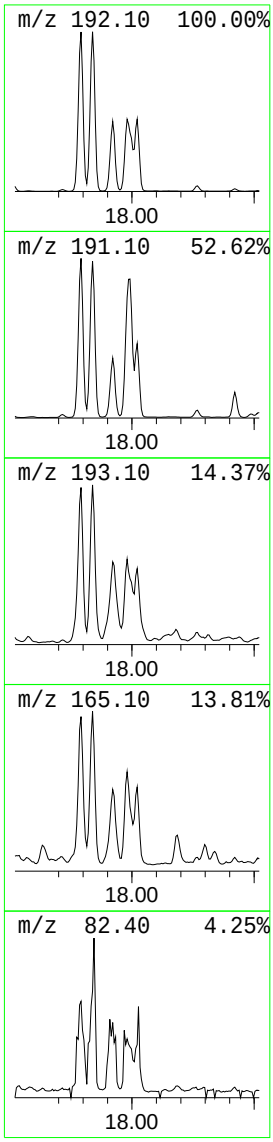
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	20.10 ng/ul	3208490	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

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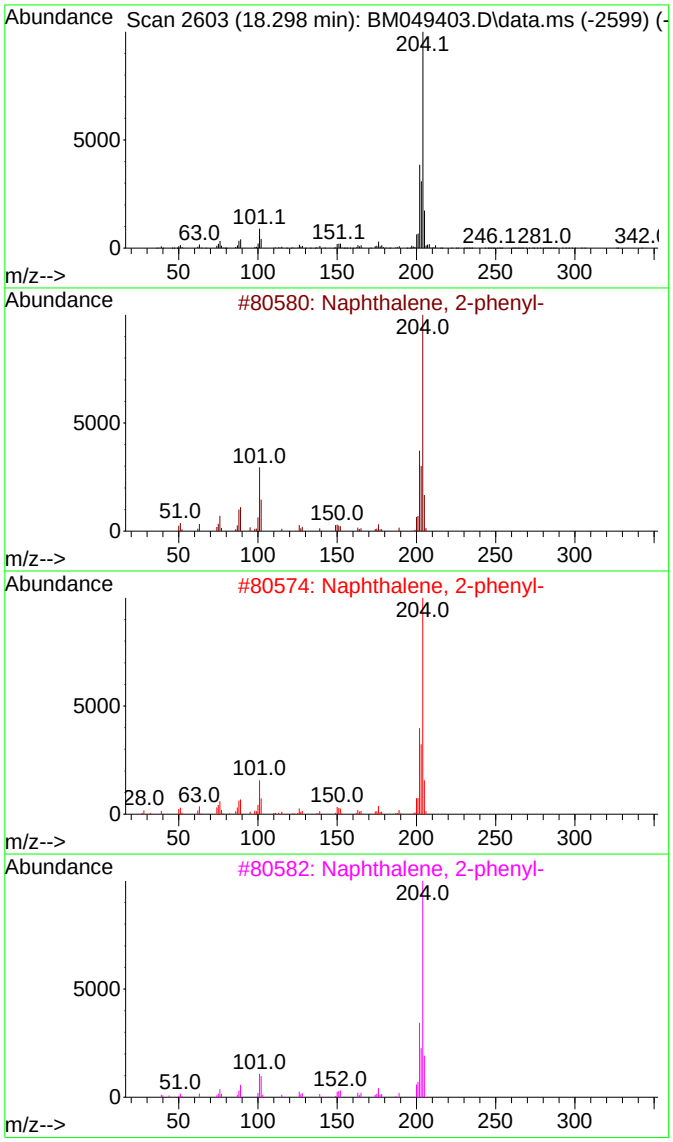
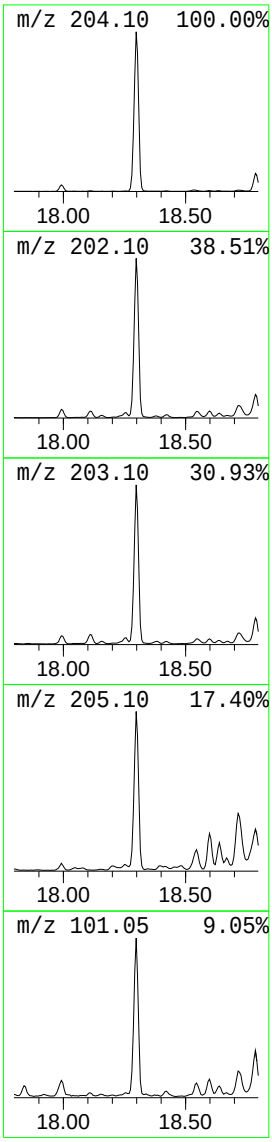
Peak Number 39 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	40.76 ng/ul	6507360	Phenanthrene-d10	16.915

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	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
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\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

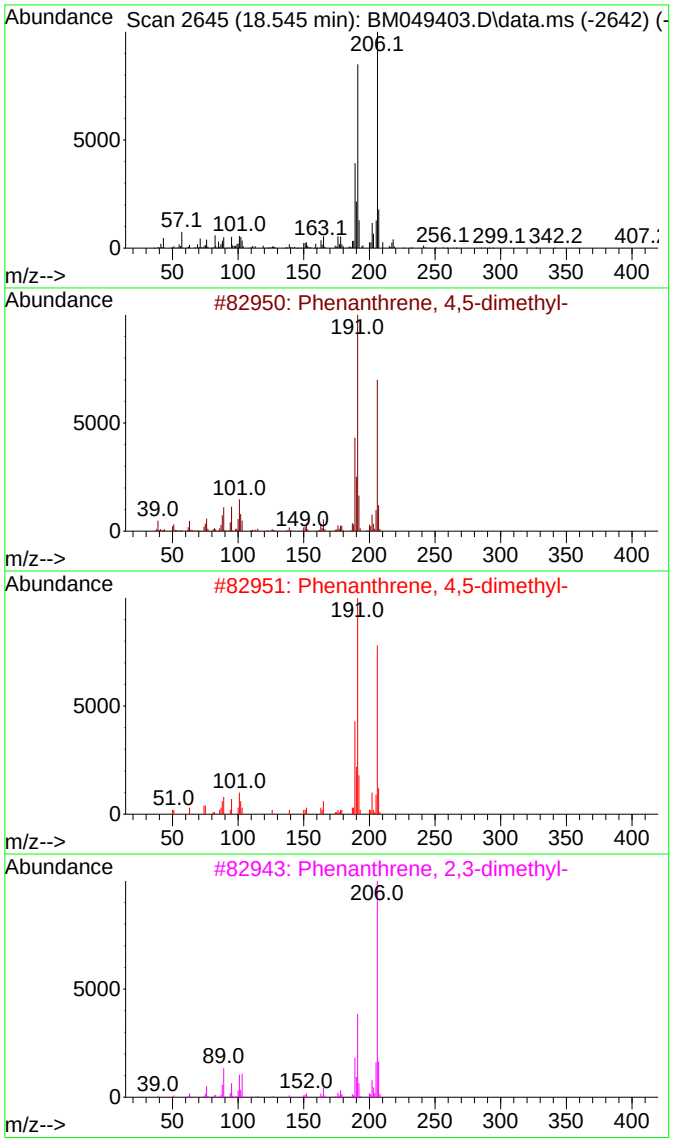
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

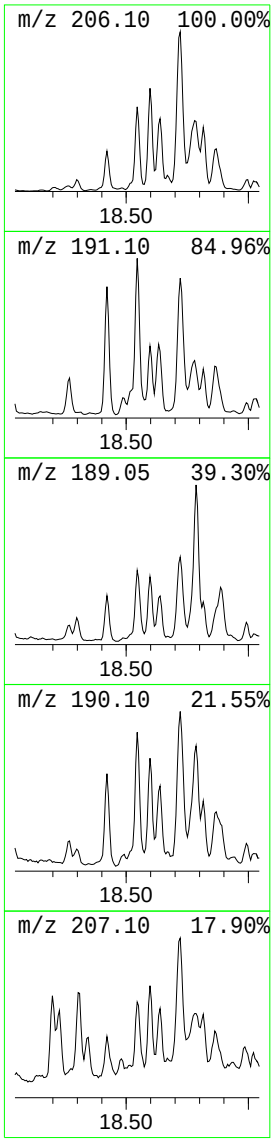
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Phenanthrene, 4,5-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	9.85 ng/ul	1573070	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

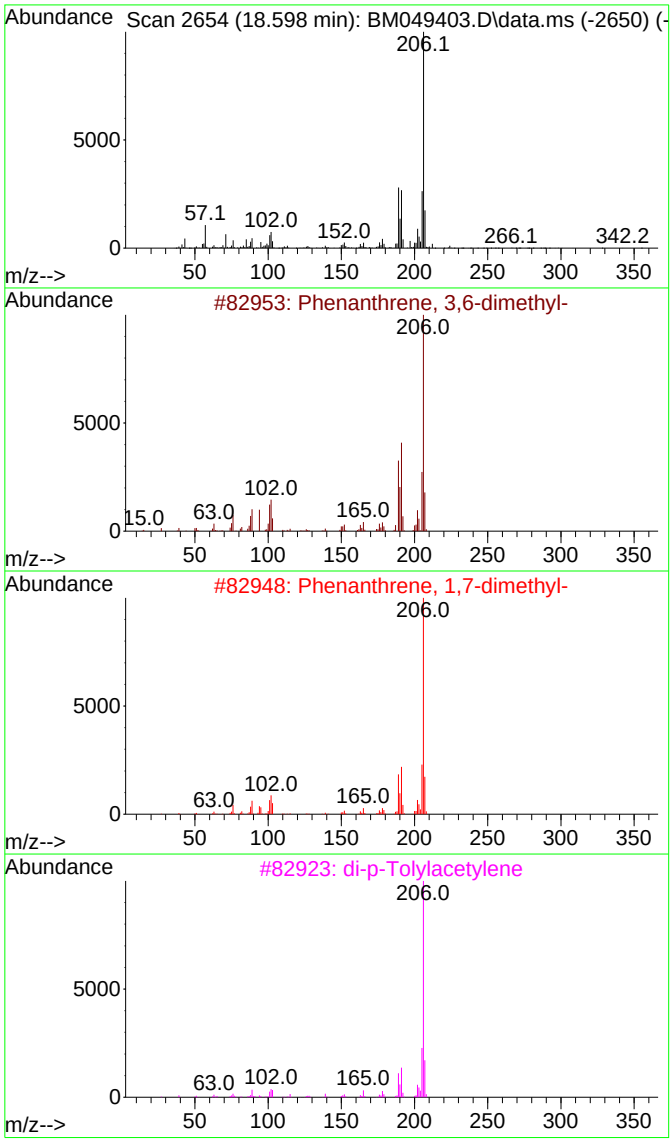
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

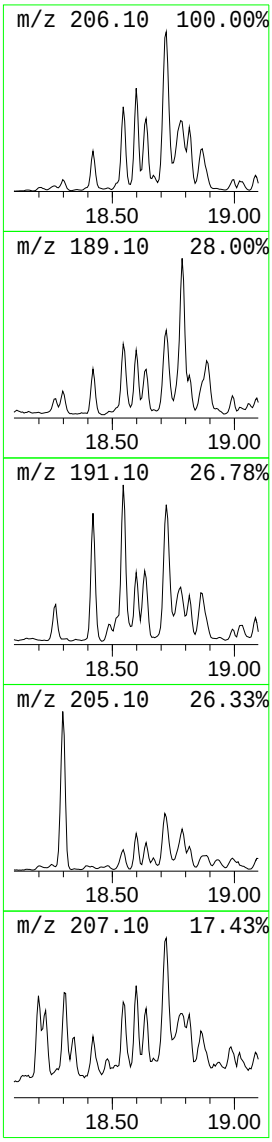
****

Peak Number 41 Phenanthrene, 3,6-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	8.74 ng/ul	1395120	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

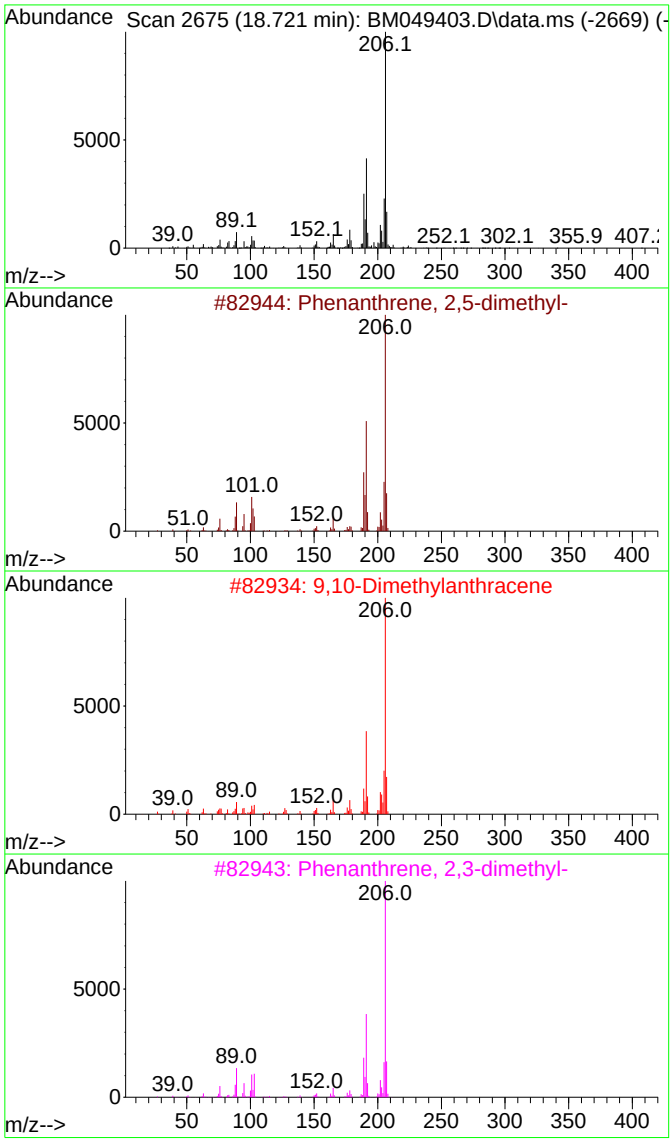
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

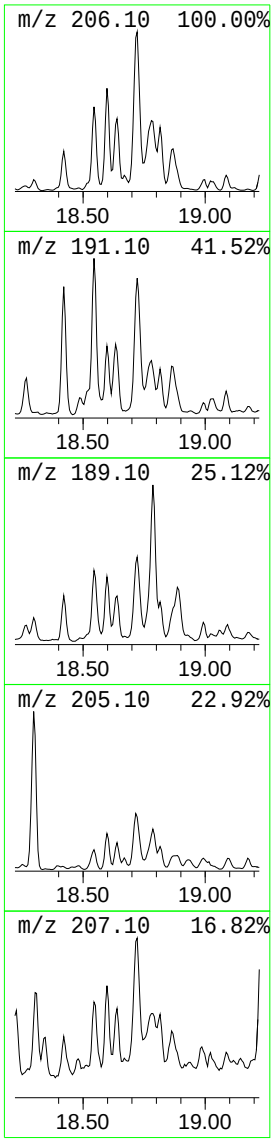
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.721	18.63 ng/ul	2973720	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

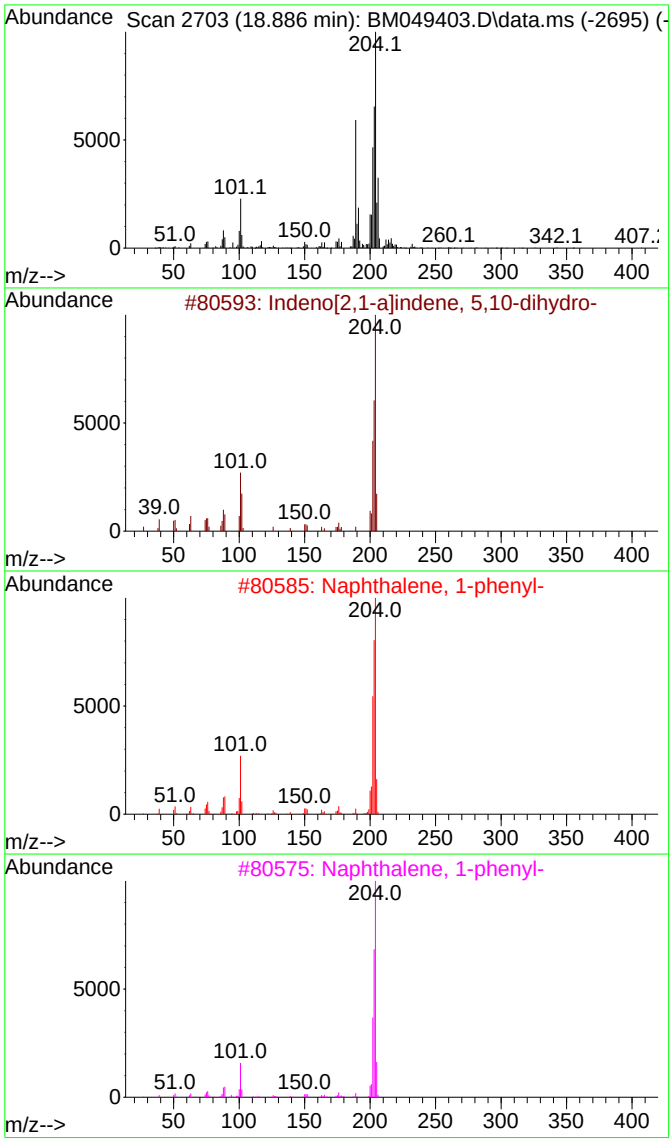
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

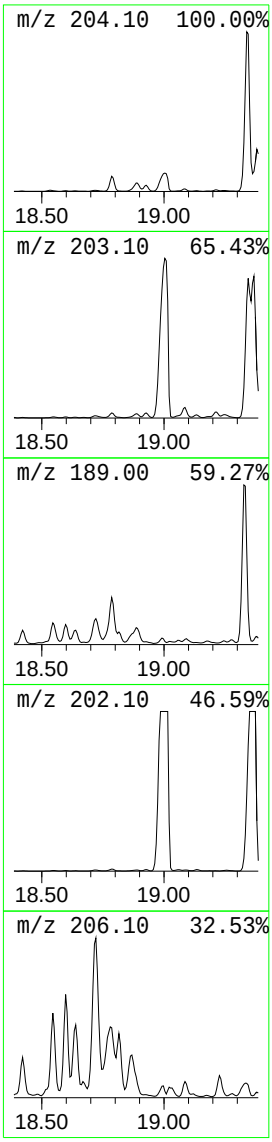
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	9.75 ng/ul	1557280	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	90
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	55
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

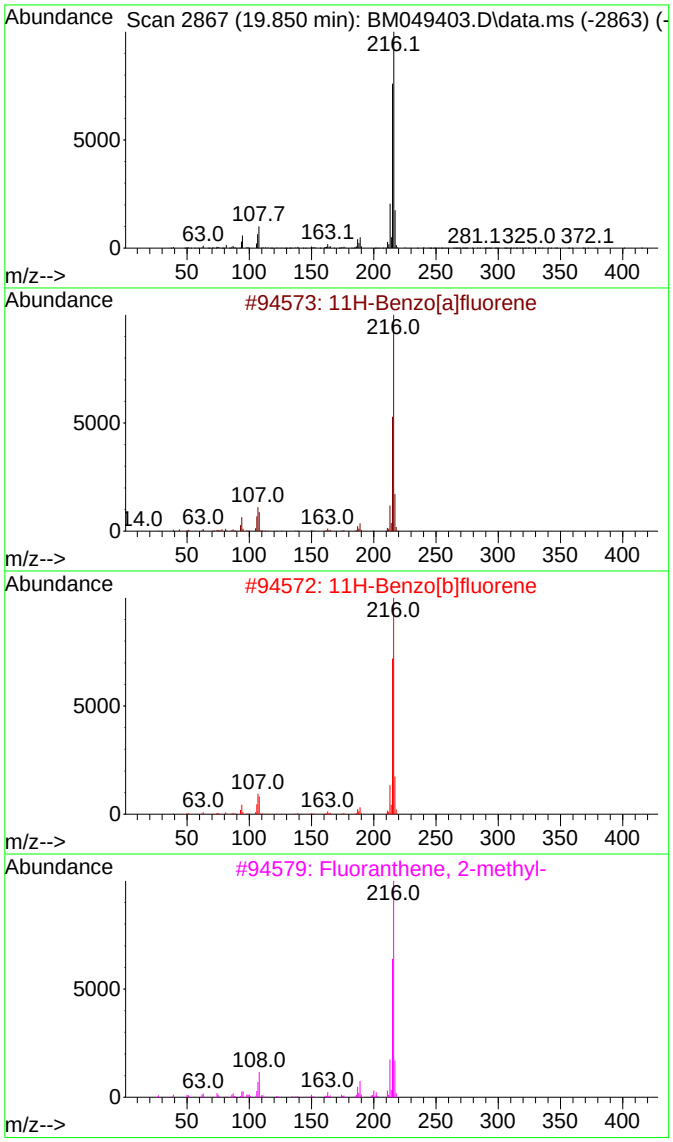
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

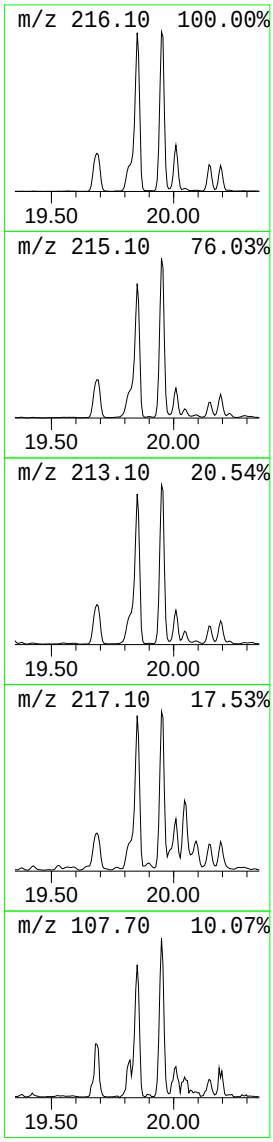
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 11H-Benzo[a]fluorene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.850	9.06 ng/ul	11048100	Chrysene-d12	21.144

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

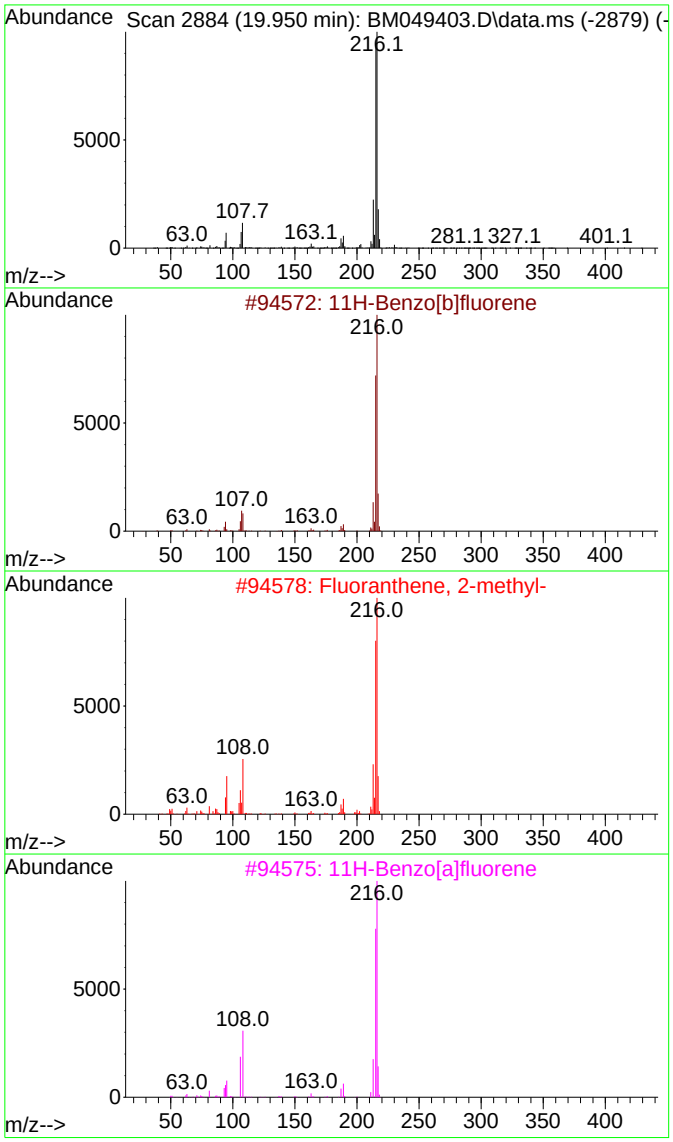
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

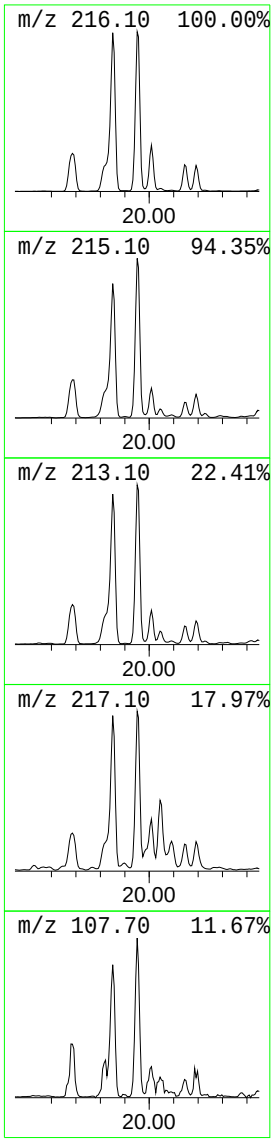
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 11H-Benzo[b]fluorene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.950	9.30 ng/ul	11340800	Chrysene-d12	21.144

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
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	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

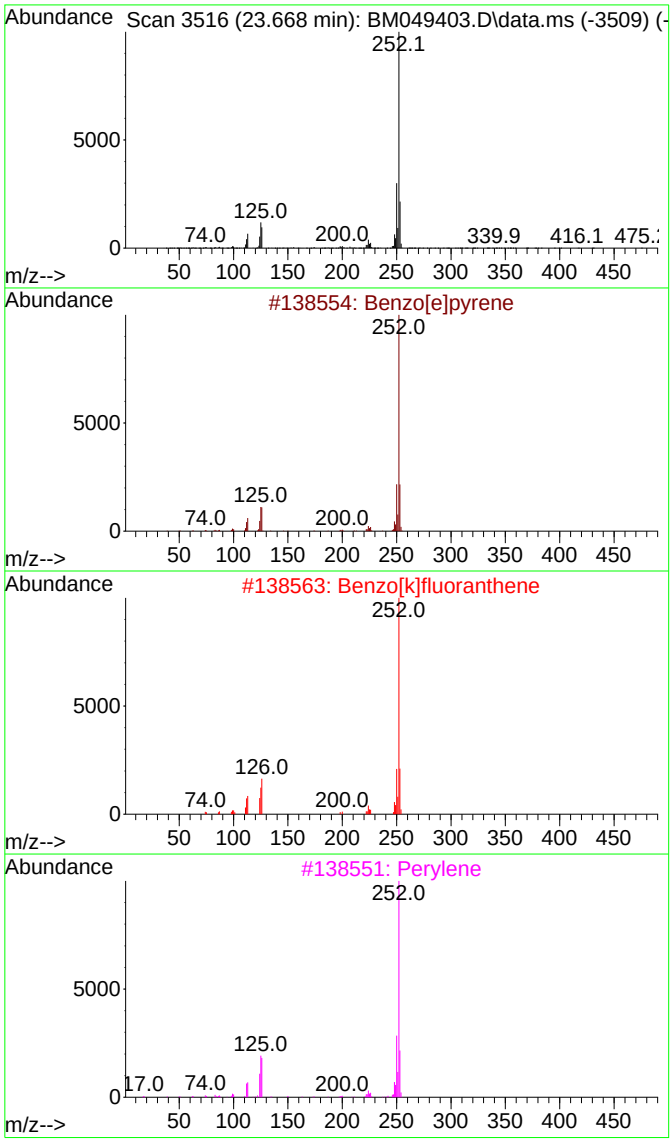
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

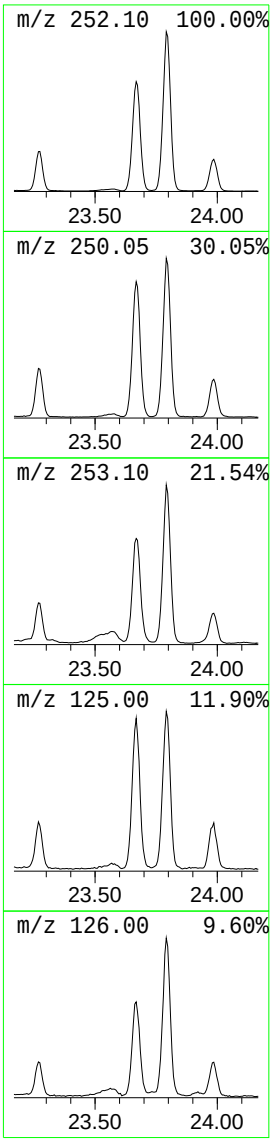
****

Peak Number 59 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.668	21.40 ng/ul	3990190	Perylene-d12	23.921

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	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.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
(DEL) Alkane: S...	11.322	9.5	ng/ul	1645650	2	10.280	3474610	20.0
Quinoline, 2-me...	12.074	23.3	ng/ul	4044940	2	10.280	3474610	20.0
(DEL) Alkane: S...	12.704	5.4	ng/ul	1506930	3	14.157	5576720	20.0
Biphenyl	12.986	10.0	ng/ul	2784350	3	14.157	5576720	20.0
Naphthalene, 2,...	13.316	7.3	ng/ul	2039800	3	14.157	5576720	20.0
Naphthalene, 1,...	13.474	10.5	ng/ul	2915780	3	14.157	5576720	20.0
(DEL) Alkane: S...	13.669	12.0	ng/ul	3343270	3	14.157	5576720	20.0
(DEL) Alkane: S...	14.086	4.8	ng/ul	1329370	3	14.157	5576720	20.0
Dibenzo furan	14.563	37.4	ng/ul	10426700	3	14.157	5576720	20.0
2,4,6-Cyclohept...	15.515	27.9	ng/ul	7768530	3	14.157	5576720	20.0
5H-Indeno[1,2-b...	15.727	16.8	ng/ul	2674190	4	16.915	3192780	20.0
(DEL) Alkane: S...	15.933	14.3	ng/ul	2278530	4	16.915	3192780	20.0
Anthracene, 9,1...	16.009	18.2	ng/ul	2903690	4	16.915	3192780	20.0
9H-Fluorene, 2-...	16.221	38.2	ng/ul	6095460	4	16.915	3192780	20.0
9H-Fluorene, 3-...	16.268	13.6	ng/ul	2167280	4	16.915	3192780	20.0
9H-Fluorene, 1-...	16.368	13.9	ng/ul	2220680	4	16.915	3192780	20.0
Anthracene, 1,2...	16.668	26.6	ng/ul	4253300	4	16.915	3192780	20.0
Dibenzothiophene	16.733	67.4	ng/ul	10760000	4	16.915	3192780	20.0
Acridine	17.104	12.9	ng/ul	2050760	4	16.915	3192780	20.0
Carba zole	17.321	17.9	ng/ul	2863660	4	16.915	3192780	20.0
Naphthalene, 1-...	17.439	18.5	ng/ul	2950530	4	16.915	3192780	20.0
Dibenzothiophen...	17.639	9.1	ng/ul	1457960	4	16.915	3192780	20.0
Phenanthrene, 2...	17.792	47.4	ng/ul	7573880	4	16.915	3192780	20.0
Phenanthrene, 1...	17.839	59.1	ng/ul	9437750	4	16.915	3192780	20.0
Anthracene, 2-m...	17.921	23.5	ng/ul	3750620	4	16.915	3192780	20.0
4H-Cyclopenta[d...	17.992	146.9	ng/ul	23459100	4	16.915	3192780	20.0
1H-Cyclopropa[l...	18.021	20.1	ng/ul	3208490	4	16.915	3192780	20.0
Naphthalene, 2-...	18.298	40.8	ng/ul	6507360	4	16.915	3192780	20.0
Phenanthrene, 4...	18.545	9.8	ng/ul	1573070	4	16.915	3192780	20.0
Phenanthrene, 3...	18.598	8.7	ng/ul	1395120	4	16.915	3192780	20.0
Phenanthrene, 2...	18.721	18.6	ng/ul	2973720	4	16.915	3192780	20.0
Indeno[2,1-a]in...	18.886	9.8	ng/ul	1557280	4	16.915	3192780	20.0
11H-Benzo[a]flu...	19.850	9.1	ng/ul	11048100	5	21.144	24383500	20.0
11H-Benzo[b]flu...	19.950	9.3	ng/ul	11340800	5	21.144	24383500	20.0
Benzo[e]pyrene	23.668	21.4	ng/ul	3990190	6	23.921	3728680	20.0