LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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: BM049416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.516	763	770	780	rBV	1026177	1603209	2.60%	0.425%
2	10.281	1229	1240	1245	rBV	1275703	2147005	3.48%	0.569%
3	12.169	1550	1561	1567	rBV	548517	957054	1.55%	0.253%
4	12.980	1693	1699	1709	rBV	346246	566811	0.92%	0.150%
5	13.316	1748	1756	1766	rBV	279533	639935	1.04%	0.169%
6	13.474	1773	1783	1788	rBV	505482	900843	1.46%	0.239%
7	13.527	1788	1792	1797	rVV	276744	418745	0.68%	0.111%
8	13.845	1834	1846	1848	rBV	247678	375322	0.61%	0.099%
9	13.880	1848	1852	1859	rVB2	268697	439766	0.71%	0.116%
10	14.157	1890	1899	1904	rBV	1946731	2914080	4.73%	0.772%
11	14.227	1904	1911	1919	rVV	10103806	14909812	24.19%	3.948%
12	14.374	1930	1936	1946	rBV2	134854	379078	0.62%	0.100%
13	14.474	1946	1953	1958	rVB	465447	695173	1.13%	0.184%
14	14.563	1958	1968	1976	rBV	4453558	6535021	10.60%	1.731%
15	15.151	2064	2068	2073	rVB2	314833	494297	0.80%	0.131%
16	15.216	2073	2079	2084	rBV	10075569	13864347	22.49%	3.671%
17	15.310	2090	2095	2097	rBV	421921	577808	0.94%	0.153%
18	15.339	2097	2100	2103	rVV2	772391	1042958	1.69%	0.276%
19	15.374	2103	2106	2111	rVB	1090935	1399265	2.27%	0.371%
20	15.427	2111	2115	2117	rBV2	260693	361309	0.59%	0.096%
21	15.463	2117	2121	2125	rVV3	540623	755250	1.23%	0.200%
22	15.510	2125	2129	2139	rVB	1703498	2617990	4.25%	0.693%
23	15.657	2148	2154	2162	rVB	1755233	3431540	5.57%	0.909%
24	15.745	2162	2169	2178	rVB2	390085	726149	1.18%	0.192%
25	15.886	2189	2193	2198	rBV3	210945	375518	0.61%	0.099%
26	16.174	2238	2242	2244	rBV3	383326	541368	0.88%	0.143%
27	16.221	2244	2250	2255	rVV2	1345546	2550582	4.14%	0.675%
28	16.268	2255	2258	2263	rVV2	718893	1041849	1.69%	0.276%
29	16.368	2269	2275	2280	rVB2	676021	1109869	1.80%	0.294%
30	16.451	2286	2289	2292	rVV	556476	829113	1.35%	0.220%
31	16.492	2292	2296	2299	rVV2	681083	1086218	1.76%	0.288%
32	16.521	2299	2301	2306	rVV2	275253	448451	0.73%	0.119%
33	16.568	2306	2309	2317	rVB3	214667	424816	0.69%	0.112%
34	16.662	2318	2325	2329	rVV2	844943	1922818	3.12%	0.509%
35	16.727	2329	2336	2347	rVB	3358978	5295491	8.59%	1.402%
36	16.915	2362	2368	2370	rBV	1887148	2858226	4.64%	0.757%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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	16.968	2370	2377	2382	rVV2	27546979	50449222	81.85%	13.360%
38	17.015	2382	2385	2386	rVV2	507598	630028	1.02%	0.167%
39	17.045	2386	2390	2396	rVV	5401221	6911990	11.21%	1.830%
40	17.104	2396	2400	2406	rVV3	403936	723151	1.17%	0.192%
41	17.321	2432	2437	2440	rBV	602370	852376	1.38%	0.226%
42	17.357	2440	2443	2452	rVV3	317703	636463	1.03%	0.169%
43	17.433	2452	2456	2462	rVV	1061790	1518666	2.46%	0.402%
44	17.492	2462	2466	2476	rVB2	491514	911041	1.48%	0.241%
45	17.633	2486	2490	2499	rVB	464169	810334	1.31%	0.215%
46	17.786	2507	2516	2520	rVV	3910039	5408697	8.77%	1.432%
47	17.839	2520	2525	2531	rVB	5081060	7078715	11.48%	1.875%
48	17.915	2531	2538	2543	rBV	1007611	1620105	2.63%	0.429%
49	17.986	2543	2550	2554	rVV2	9651367	15588405	25.29%	4.128%
50	18.015	2554	2555	2563	rVB	1995354	2019788	3.28%	0.535%
51	18.186	2579	2584	2588	rBV3	443535	691430	1.12%	0.183%
52	18.298	2598	2603	2607	rVV	2825569	3845738	6.24%	1.018%
53	18.333	2607	2609	2615	rVB2	692048	901688	1.46%	0.239%
54	18.421	2620	2624	2628	rVB	300162	370440	0.60%	0.098%
55	18.539	2636	2644	2649	rBV2	685096	1162196	1.89%	0.308%
56	18.592	2649	2653	2657	rVV	564914	771657	1.25%	0.204%
57	18.633	2657	2660	2664	rVB	443399	514581	0.83%	0.136%
58	18.715	2669	2674	2679	rVV	930014	1543213	2.50%	0.409%
59	18.780	2679	2685	2688	rVV2	807140	1439915	2.34%	0.381%
60	18.809	2688	2690	2694	rVB	350509	400596	0.65%	0.106%
61	18.998	2713	2722	2727	rBV3	31978846	61638108	100.00%	16.323%
62	19.056	2727	2732	2734	rVV	490820	680035	1.10%	0.180%
63	19.086	2734	2737	2741	rVV3	436806	643920	1.04%	0.171%
64	19.186	2748	2754	2756	rBV4	275165	544302	0.88%	0.144%
65	19.227	2756	2761	2766	rVV	881170	1425725	2.31%	0.378%
66	19.356	2772	2783	2790	rBV3	20657744	44569850	72.31%	11.803%
67	19.421	2790	2794	2801	rVB	1280927	1857204	3.01%	0.492%
68	19.527	2807	2812	2820	rBV	1906318	2509784	4.07%	0.665%
69	19.686	2830	2839	2844	rBV2	1424947	3467612	5.63%	0.918%
70	19.809	2855	2860	2862	rVV2	1142178	1795025	2.91%	0.475%
71	19.851	2862	2867	2872	rVB	5902006	7925719	12.86%	2.099%
72	19.951	2878	2884	2888	rVV	5927215	7486889	12.15%	1.983%
73	20.003	2888	2893	2897	rVV2	1674164	2779626	4.51%	0.736%
74	20.045	2897	2900	2904	rVV	954235	1181546	1.92%	0.313%
75	20.086	2904	2907	2912	rVB	470271	616363	1.00%	0.163%
76	20.145	2913	2917	2920	rBV	576798	691491	1.12%	0.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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	20.192	2920	2925	2929	rBV2	671713	1058816	1.72%	0.280%
78	20.415	2958	2963	2965	rBV3	198346	374352	0.61%	0.099%
79	20.445	2965	2968	2970	rVV2	391748	528589	0.86%	0.140%
80	20.486	2970	2975	2978	rVV3	514409	954188	1.55%	0.253%
81	20.556	2983	2987	2992	rVV2	491821	918284	1.49%	0.243%
82	20.603	2993	2995	3001	rVB3	263723	420326	0.68%	0.111%
83	20.762	3017	3022	3026	rBV	1706682	2191717	3.56%	0.580%
84	20.803	3026	3029	3032	rVV	1500223	1743285	2.83%	0.462%
85	20.839	3032	3035	3041	rVB2	847421	1338281	2.17%	0.354%
86	21.015	3058	3065	3073	rBV	420588	880847	1.43%	0.233%
87	21.127	3078	3084	3090	rVV2	7522669	13988087	22.69%	3.704%
88	21.186	3090	3094	3102	rVB	9219081	12055150	19.56%	3.192%
89	21.315	3112	3116	3126	rBV	494284	941523	1.53%	0.249%
90	21.492	3142	3146	3154	rBV3	268824	562866	0.91%	0.149%
91	21.786	3189	3196	3201	rVV	510980	1056605	1.71%	0.280%
92	21.850	3203	3207	3214	rVB2	361646	631906	1.03%	0.167%
93	22.021	3232	3236	3239	rBV	300765	466952	0.76%	0.124%
94	22.062	3239	3243	3249	rVB	568028	904249	1.47%	0.239%
95	22.368	3290	3295	3301	rBV	246735	454873	0.74%	0.120%
96	23.056	3403	3412	3418	rBV	2176714	6106954	9.91%	1.617%
97	23.103	3418	3420	3427	rVB	1117432	1716280	2.78%	0.454%
98	23.662	3510	3515	3522	rBV	255314	537617	0.87%	0.142%
99	23.786	3530	3536	3548	rVB	451485	1017136	1.65%	0.269%
100	23.921	3551	3559	3575	rBV	1191111	2923179	4.74%	0.774%

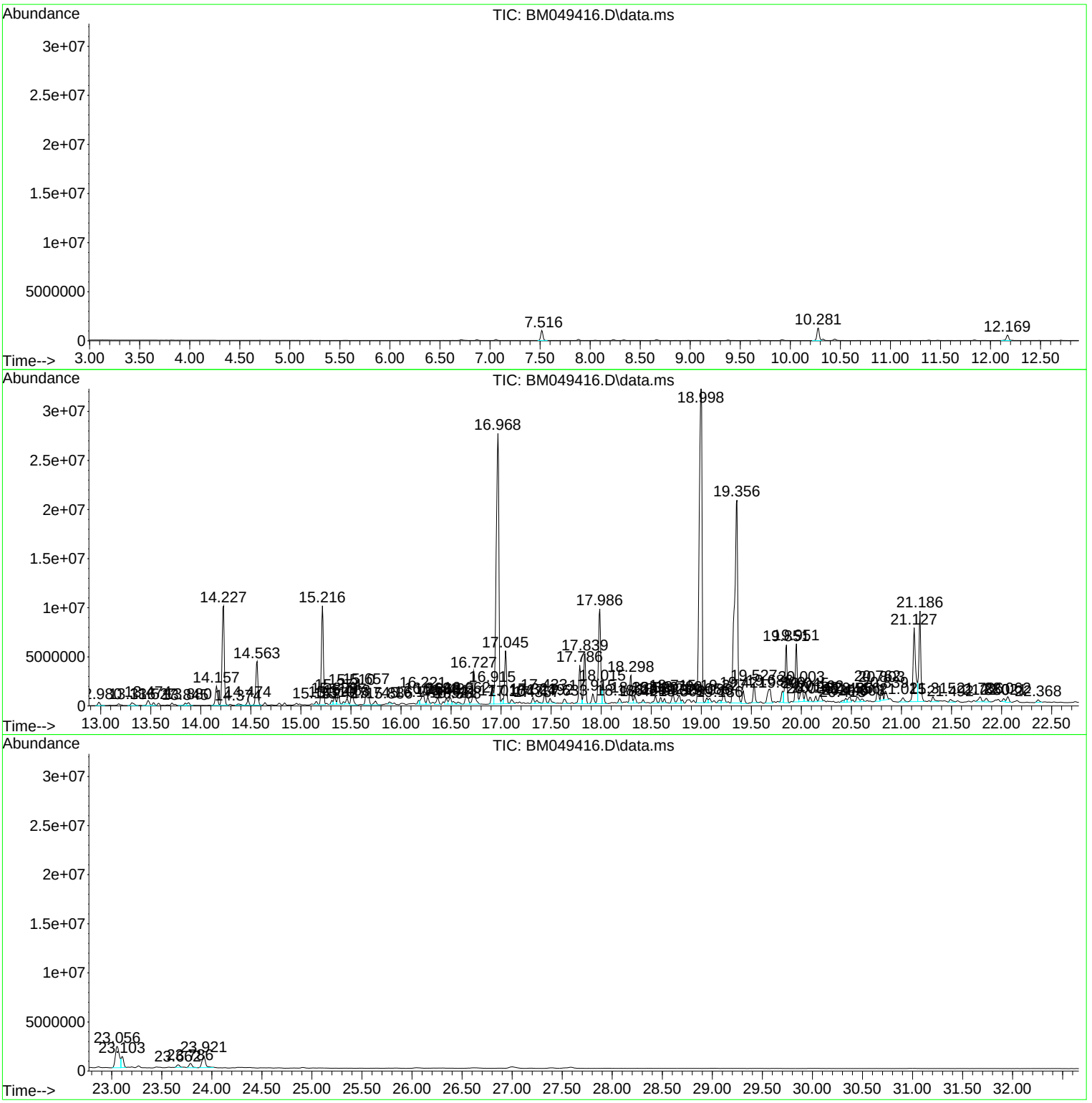
Sum of corrected areas: 377622782

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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 : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

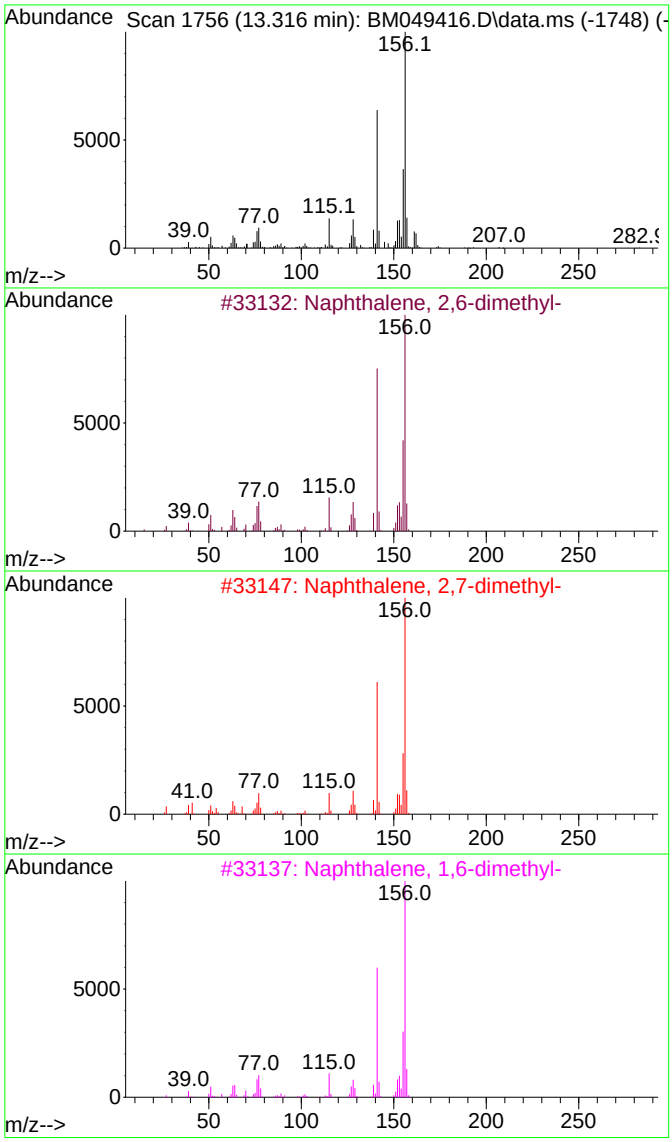
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

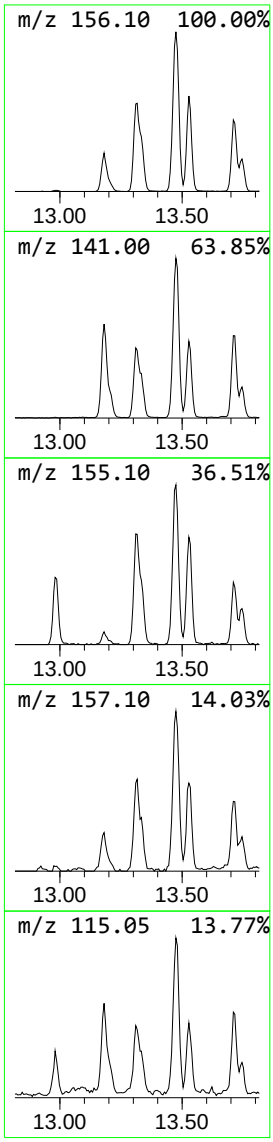
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	4.39 ng/ul	639935	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

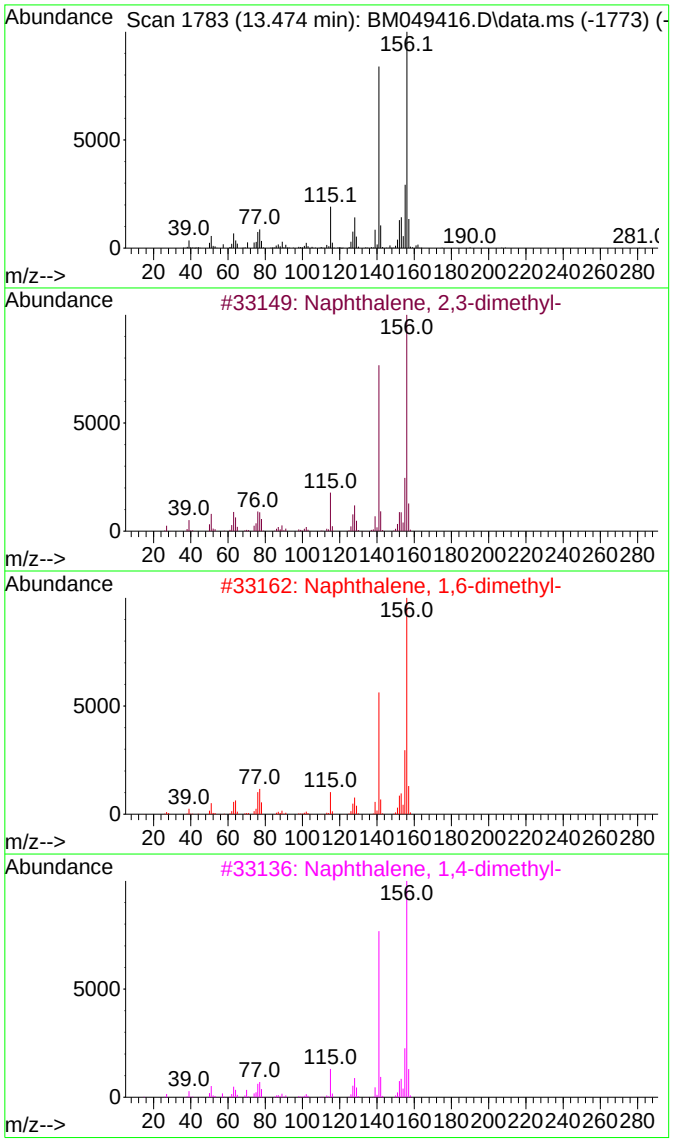
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

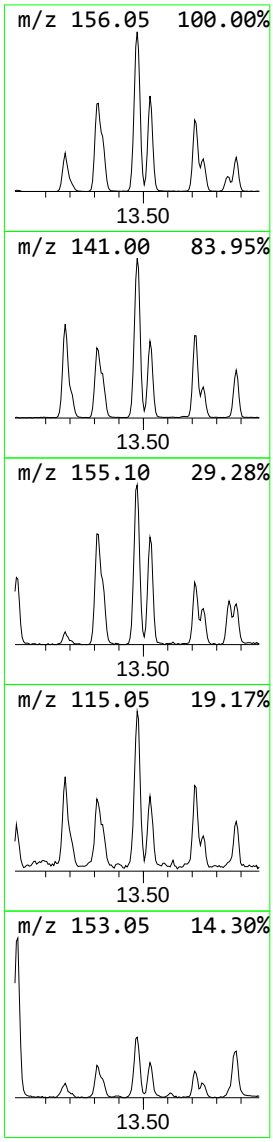
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	6.18 ng/ul	900843	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

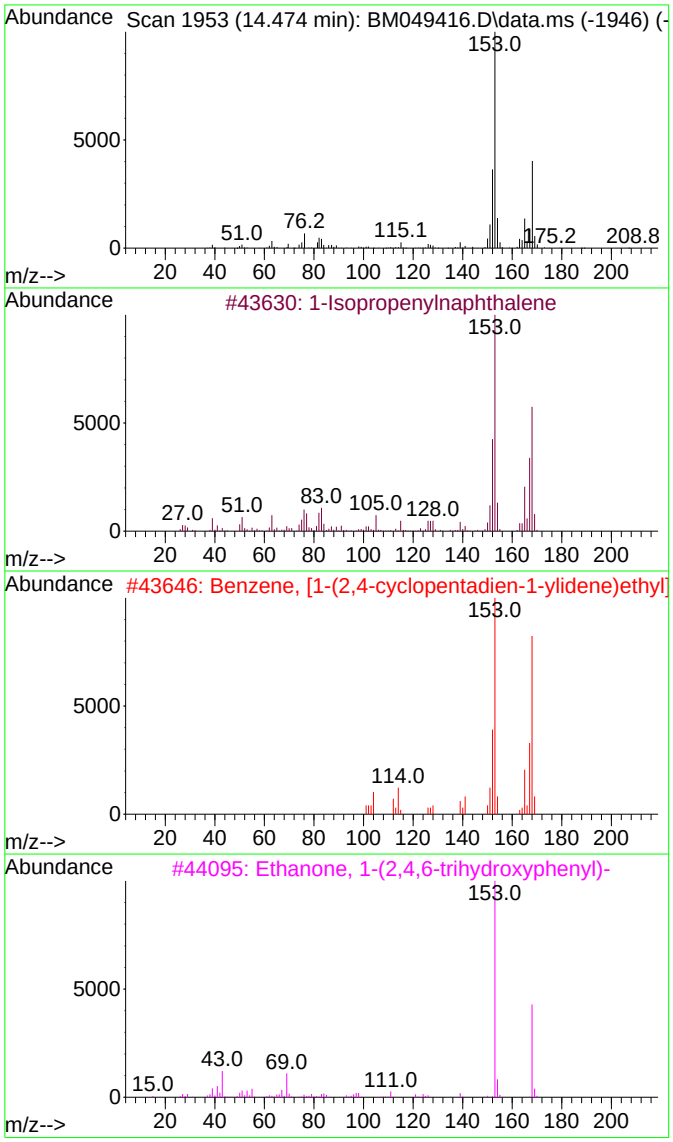
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

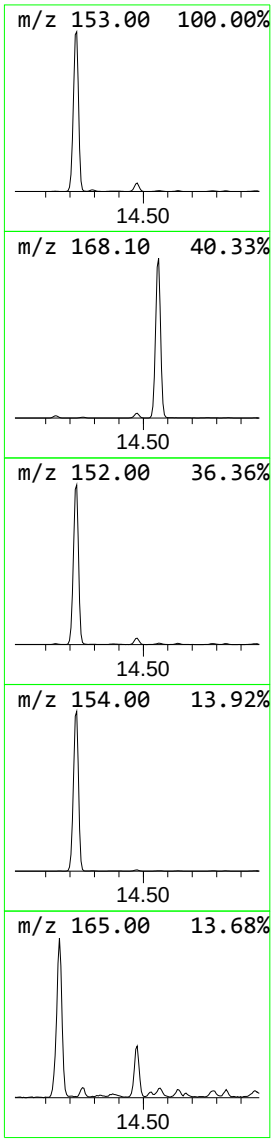
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	4.77 ng/ul	695173	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
4	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	53
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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

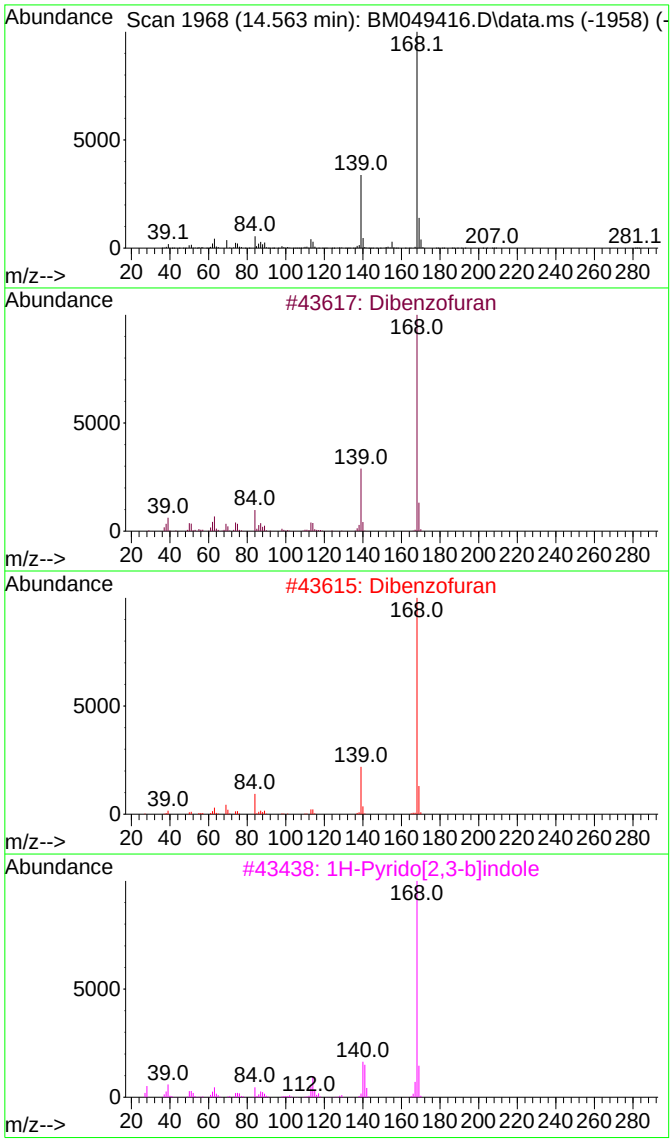
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

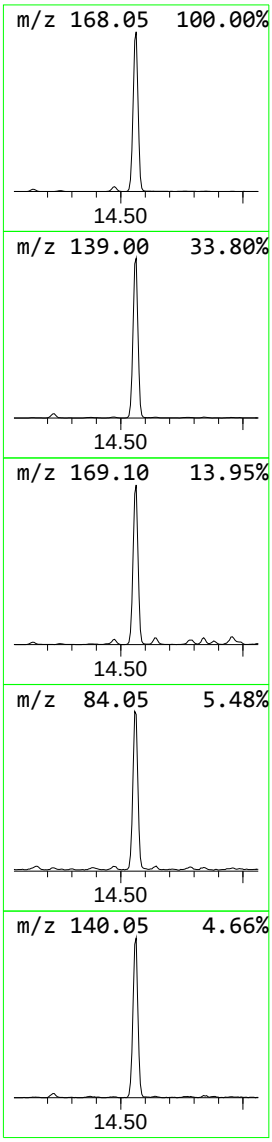
****

Peak Number 7 Dibenzo furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	44.85 ng/ul	6535020	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	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	59
4	Dibenzofuran	168	C12H8O	000132-64-9	56
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

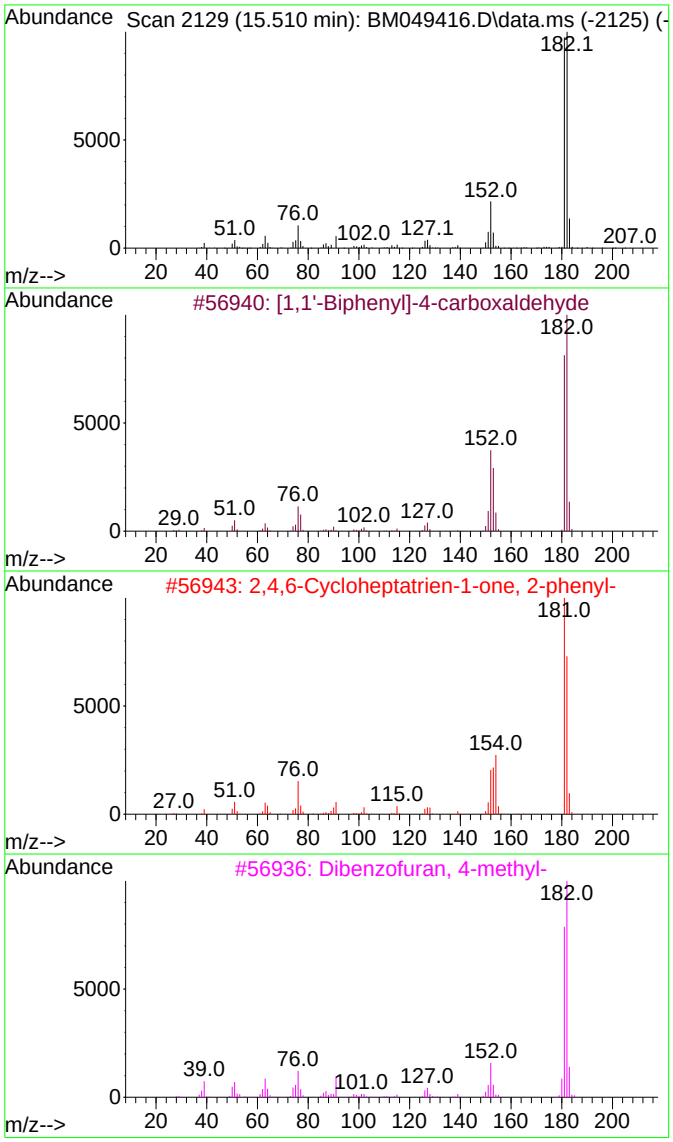
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

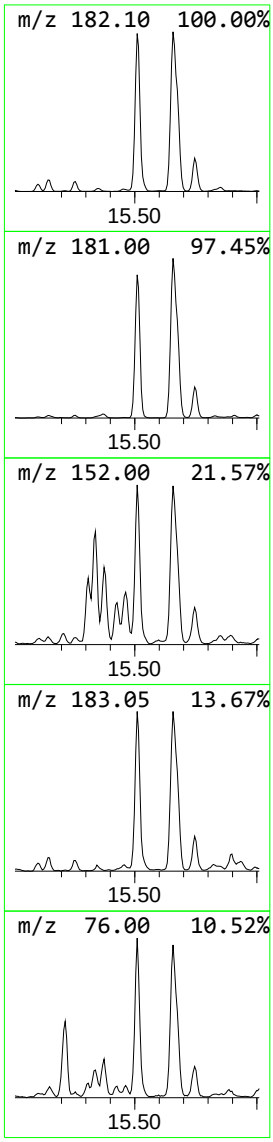
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	17.97 ng/ul	2617990	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

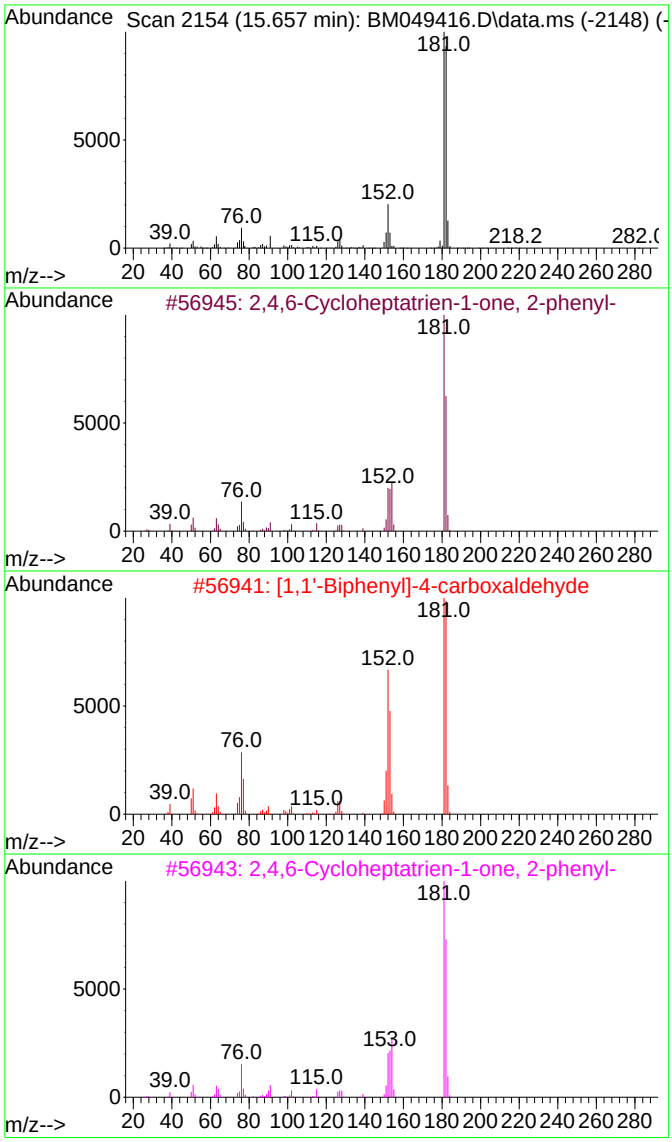
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

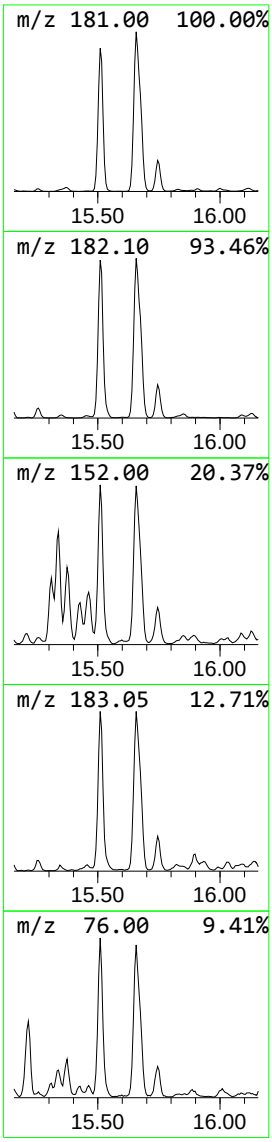
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	24.01 ng/ul	3431540	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
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	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
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Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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

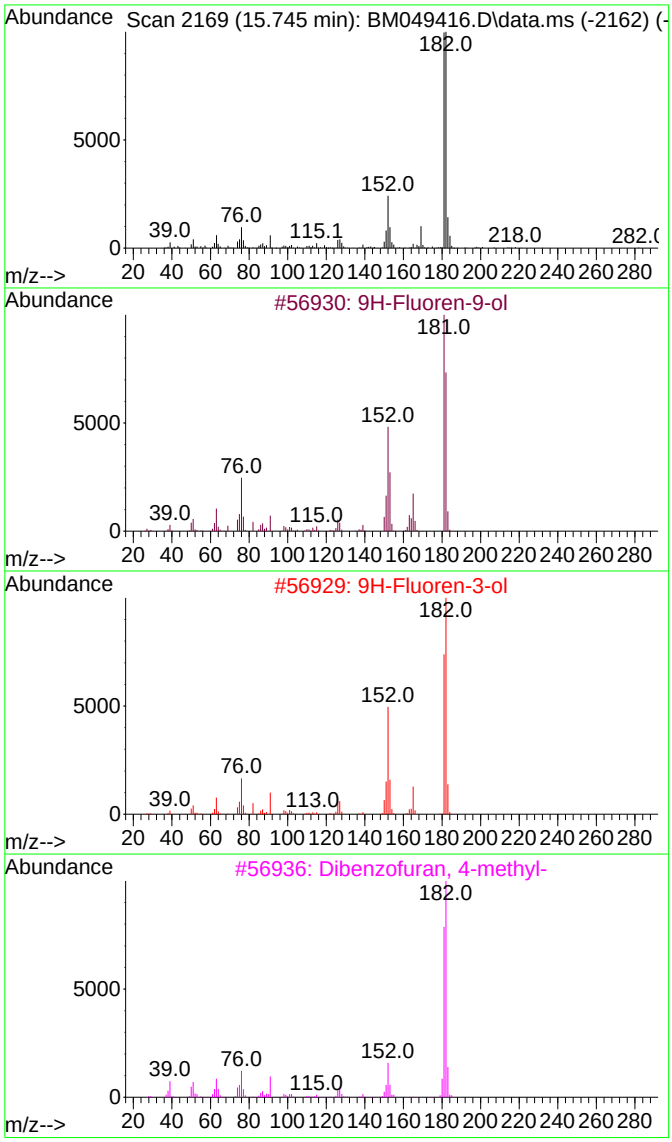
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

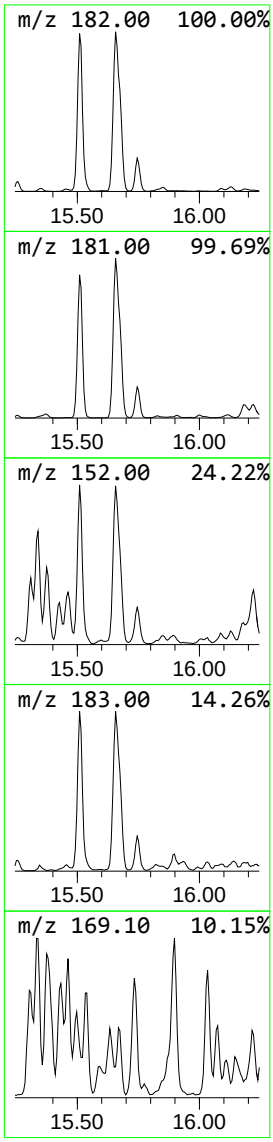
****

Peak Number 15 9H-Fluoren-9-ol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	5.08 ng/ul	726149	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





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Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

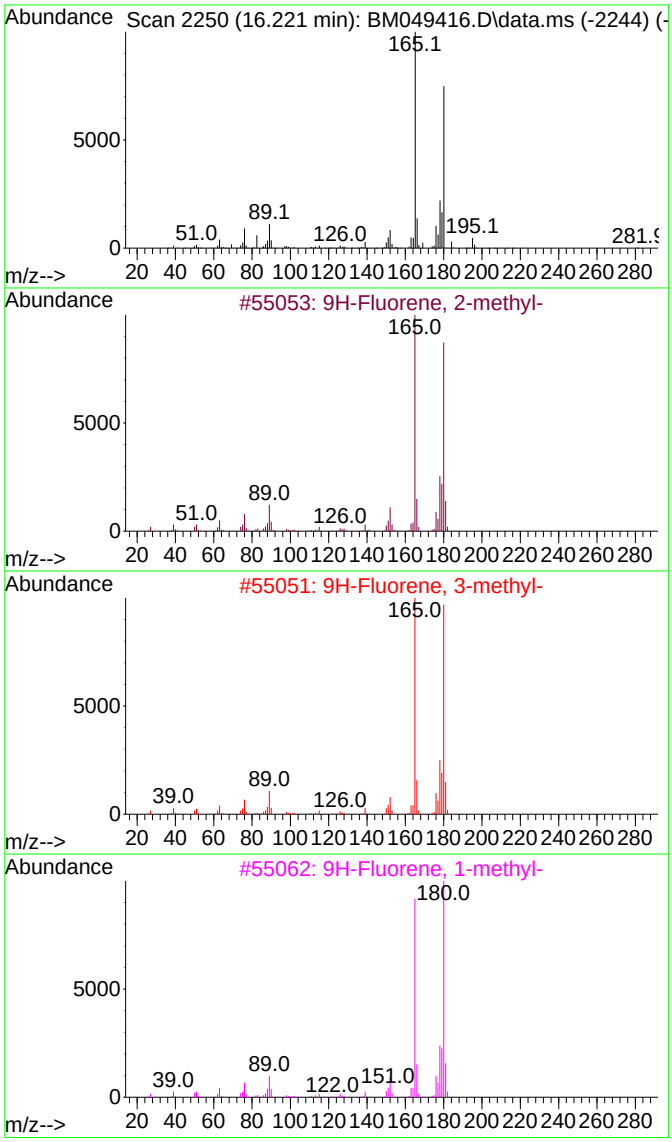
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

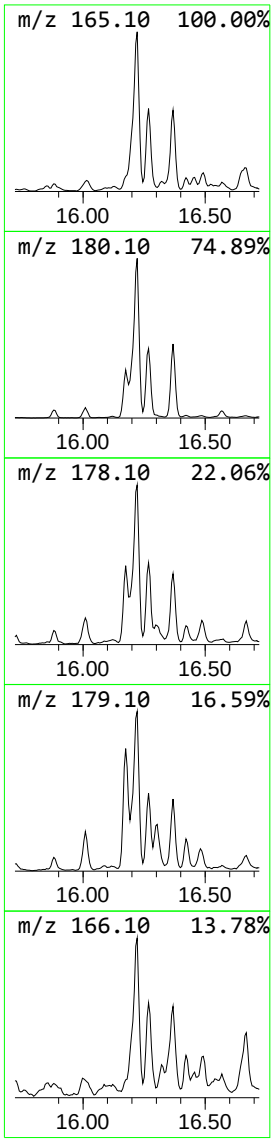
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	17.85 ng/ul	2550580	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, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94





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Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

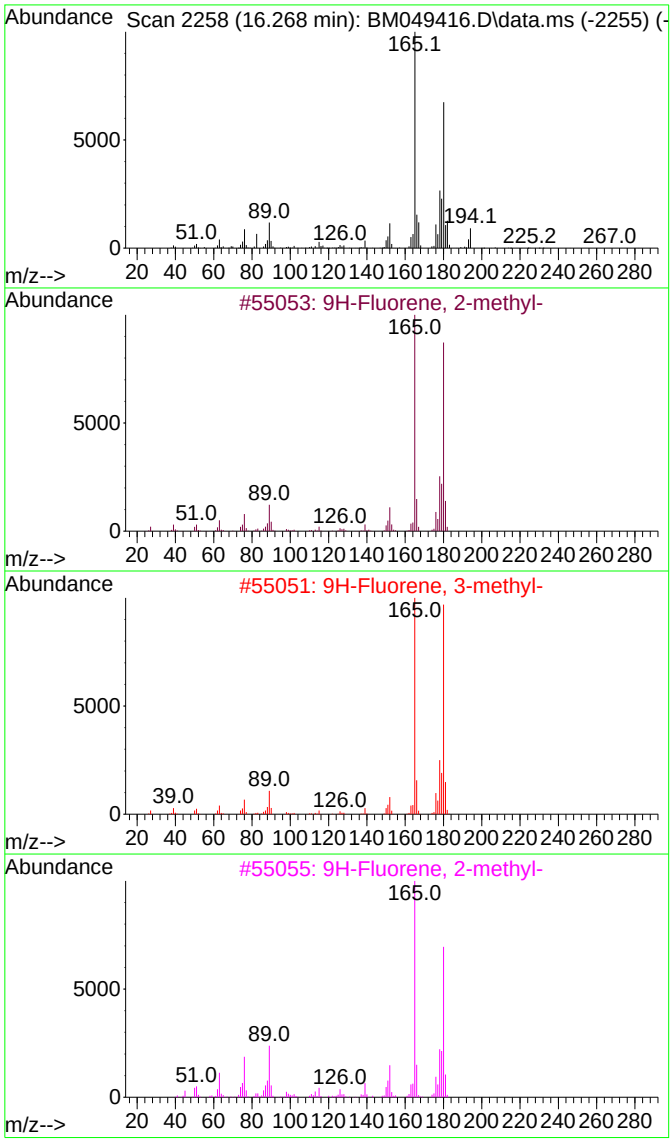
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

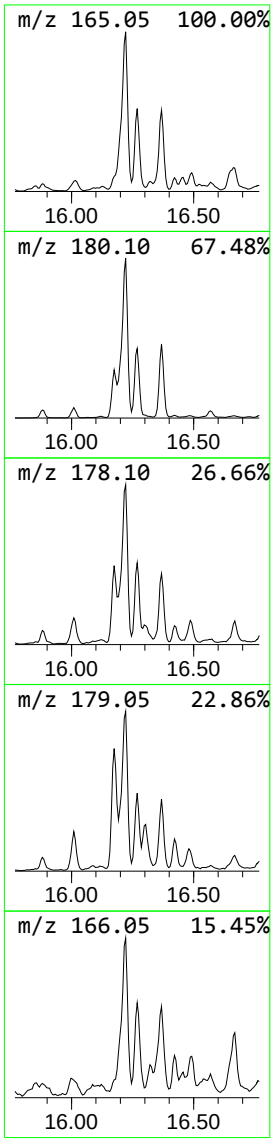
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9H-Fluorene, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	7.29 ng/ul	1041850	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	87
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86





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Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

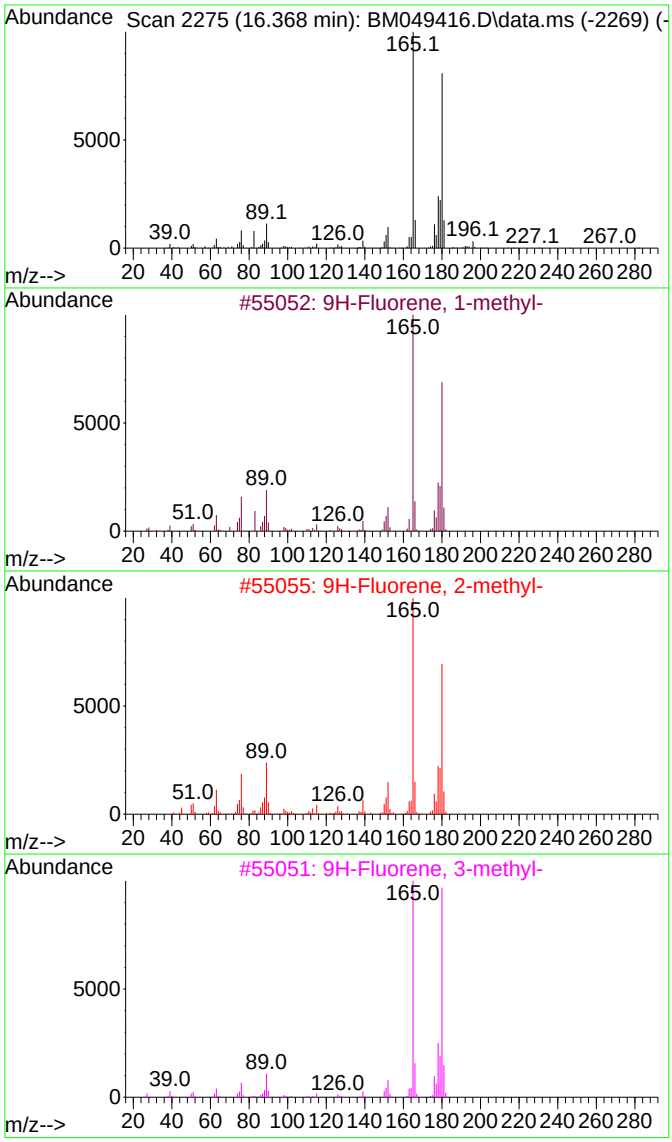
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

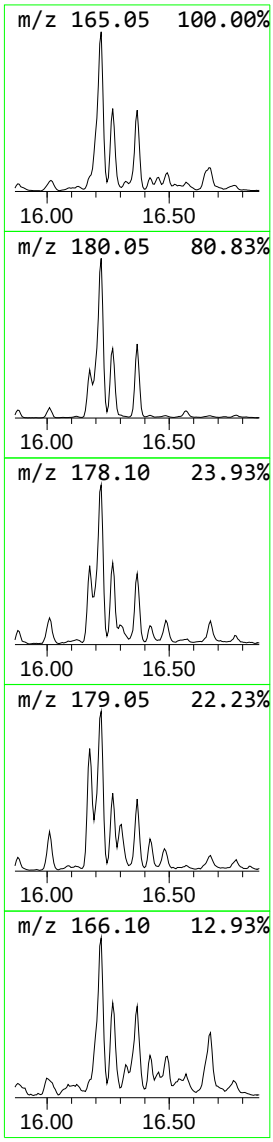
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.368	7.77 ng/ul	1109870	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, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94





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Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

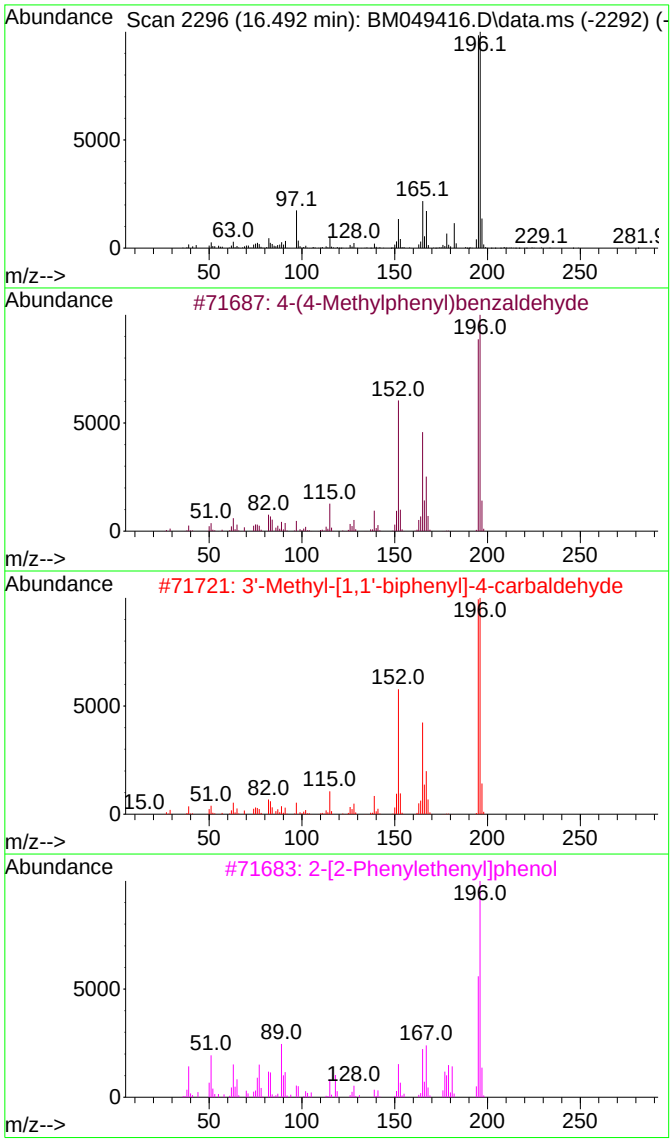
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

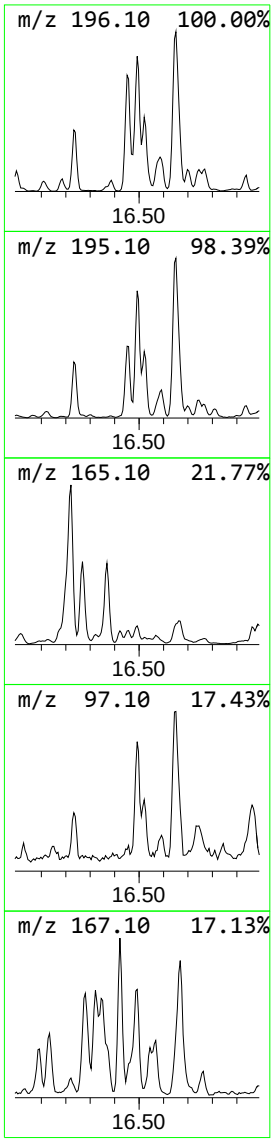
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4-(4-Methylphenyl)benzaldehyde Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	7.60 ng/ul	1086220	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	53
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	50
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49





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Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH9DL

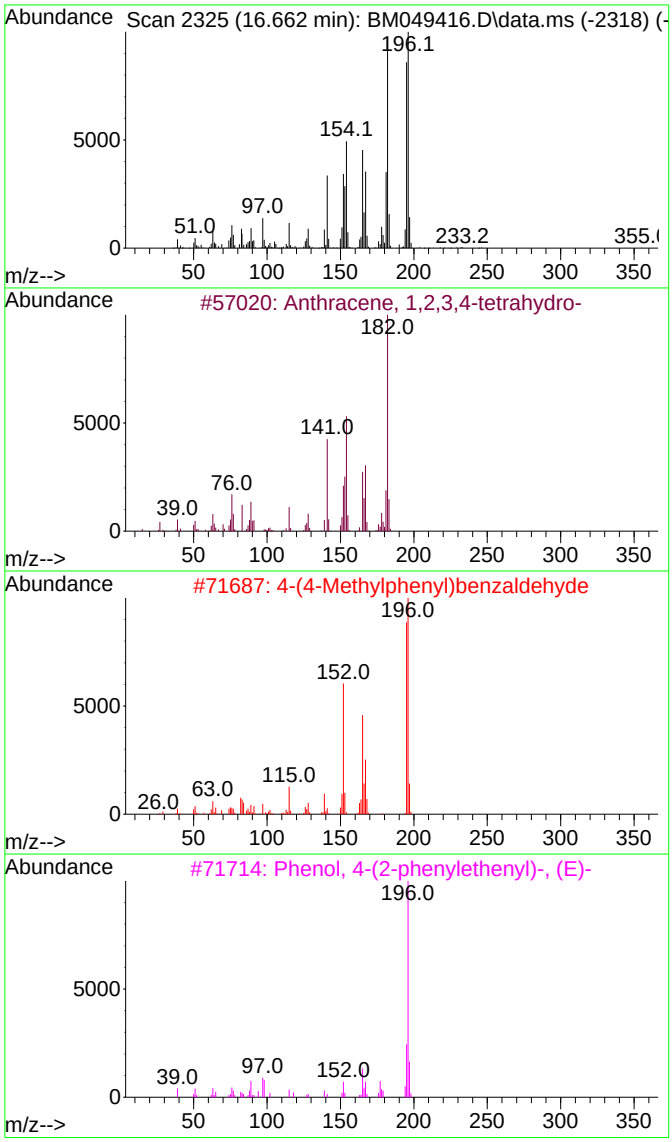
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

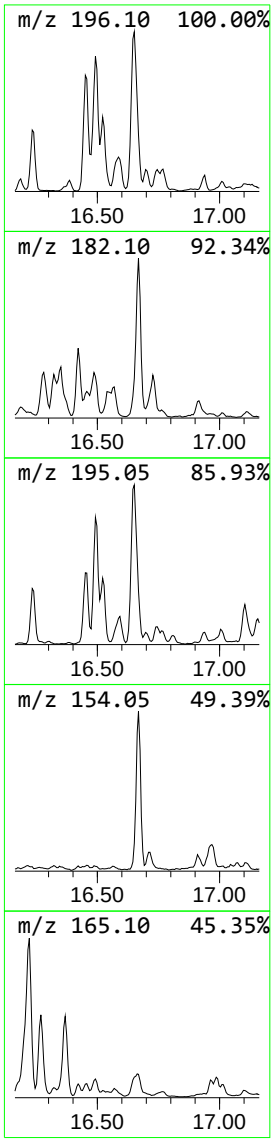
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	13.45 ng/ul	1922820	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	90
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	50
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	48
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38





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Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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

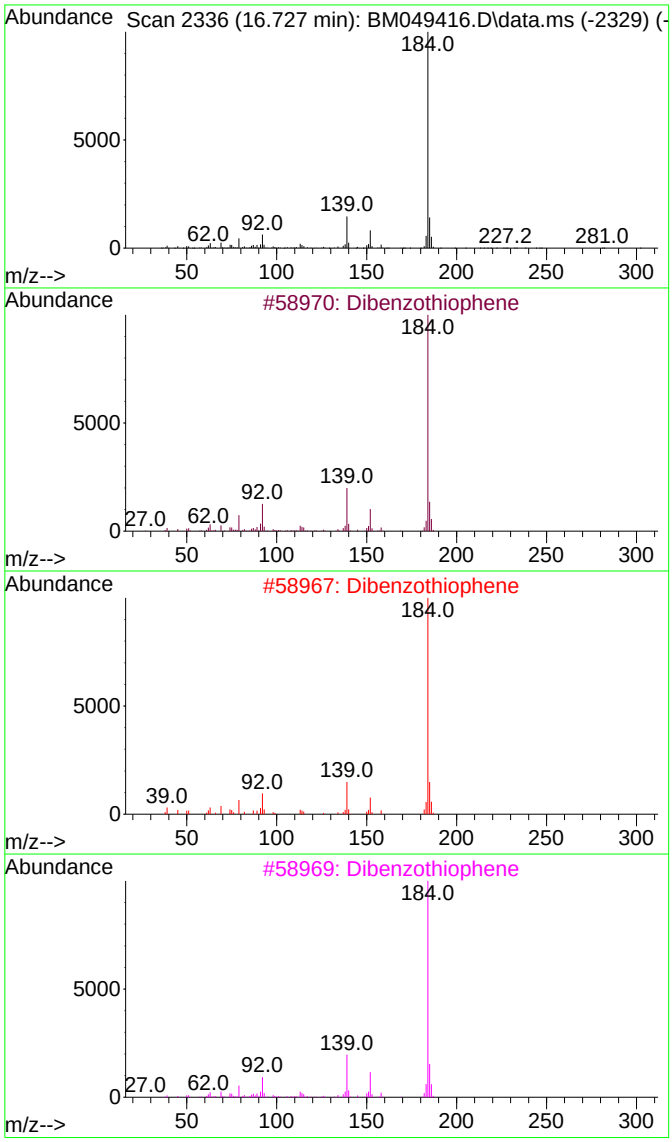
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

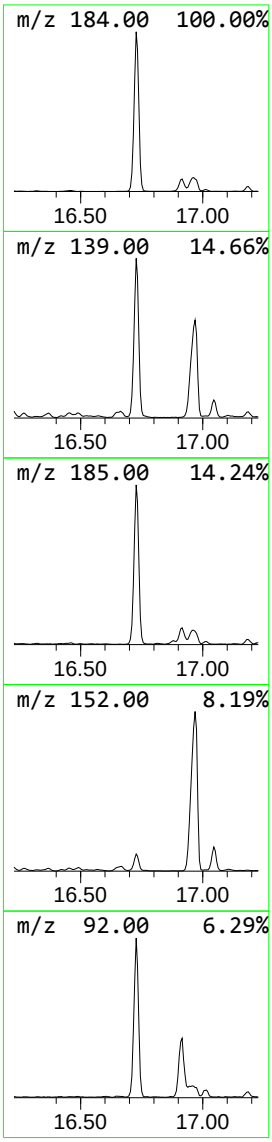
****

Peak Number 26 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	37.05 ng/ul	5295490	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

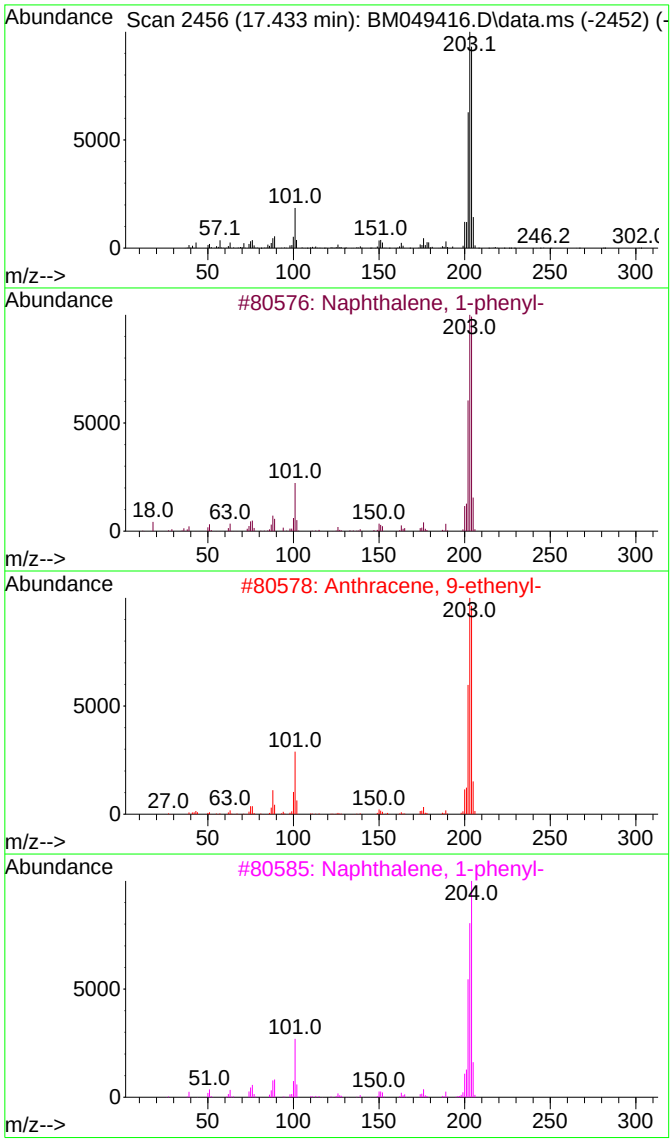
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

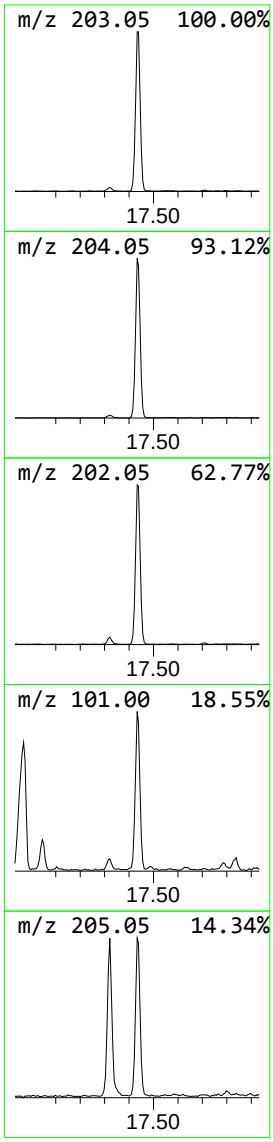
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	10.63 ng/ul	1518670	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	78





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Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

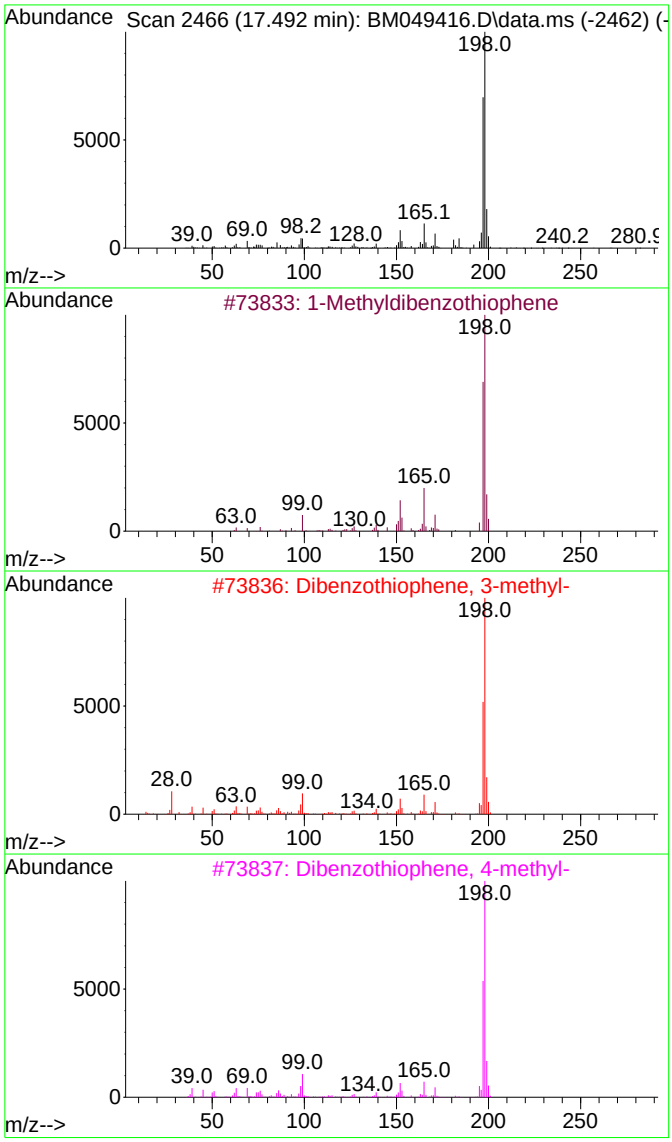
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

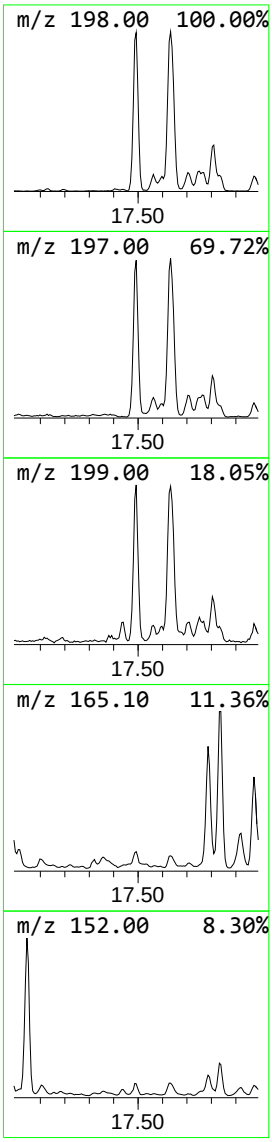
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1-Methyldibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	6.37 ng/ul	911041	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
5	2,3,4,5,6-Pentafluorobenzyl alcohol	198	C7H3F5O	000440-60-8	76





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Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

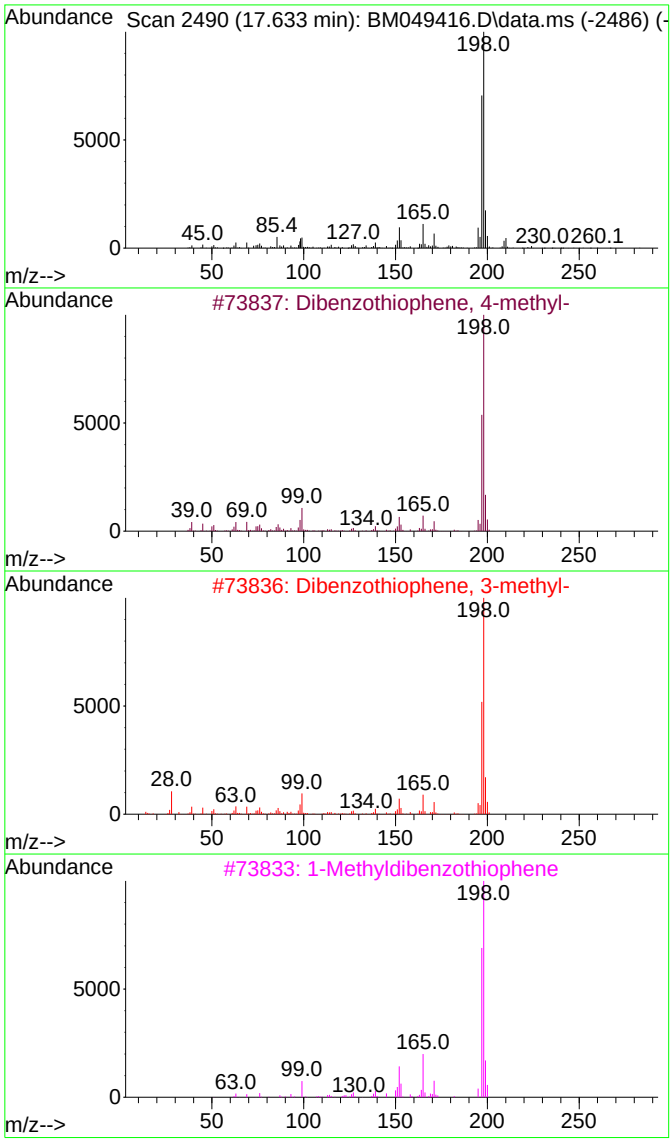
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

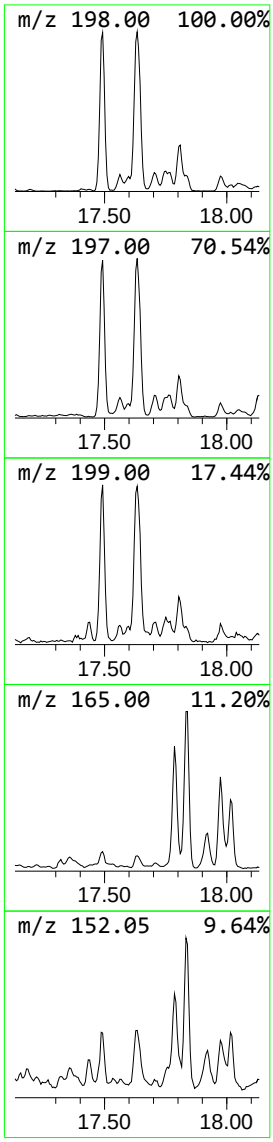
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Dibenzothiophene, 4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	5.67 ng/ul	810334	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

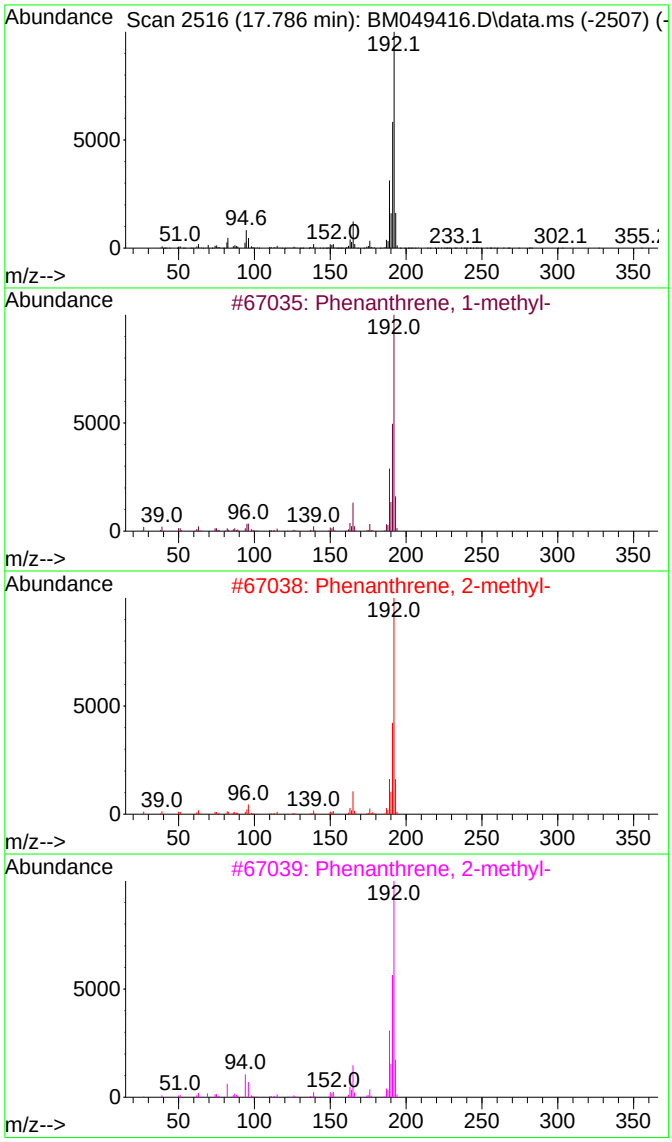
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

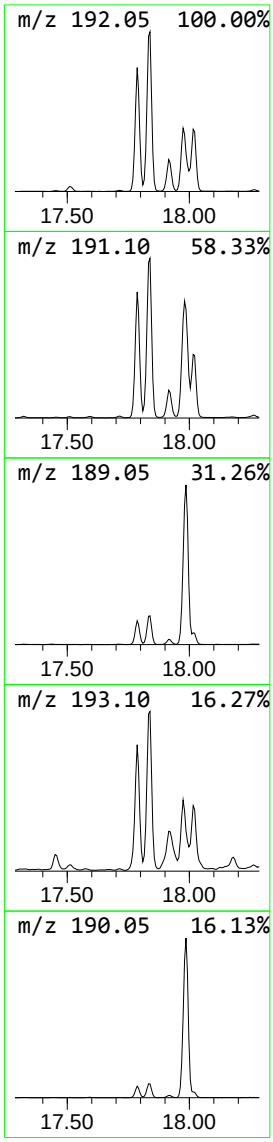
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	37.85 ng/ul	5408700	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	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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

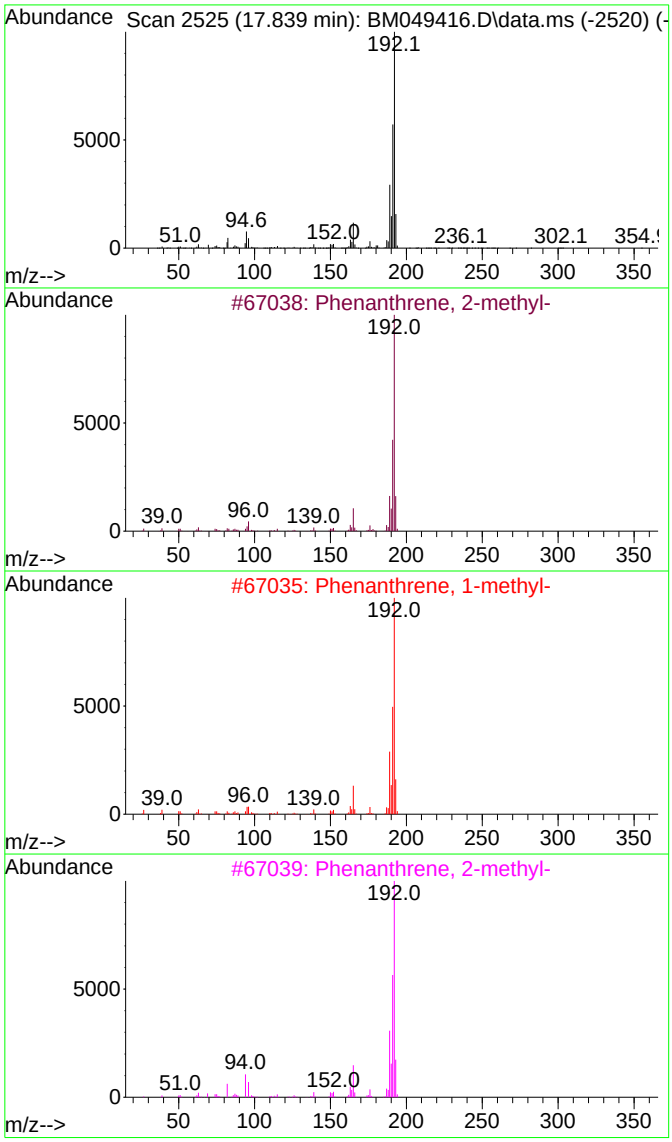
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

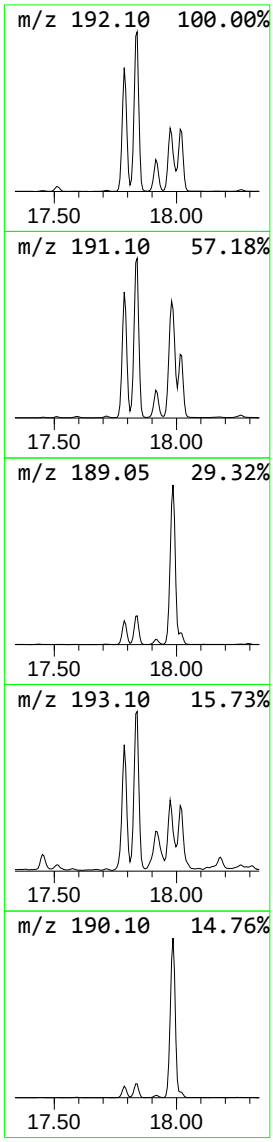
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	49.53 ng/ul	7078720	Phenanthrene-d10	16.915

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





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Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

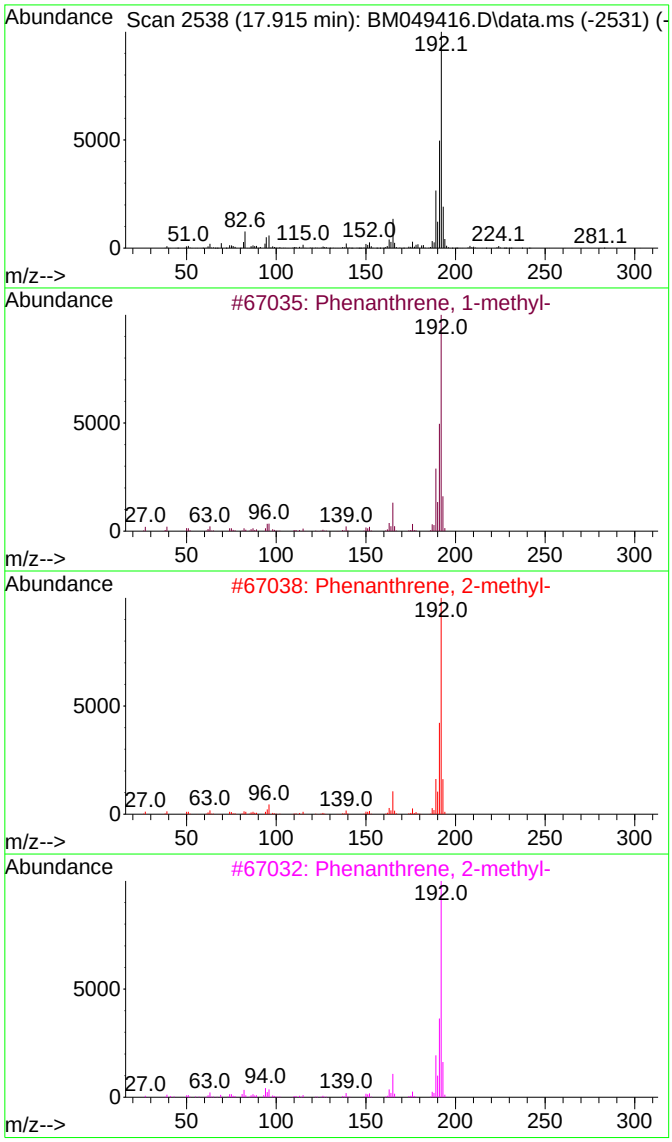
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

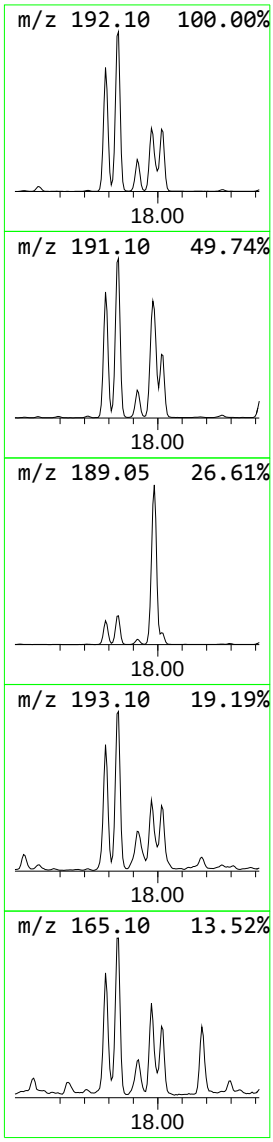
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	11.34 ng/ul	1620110	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

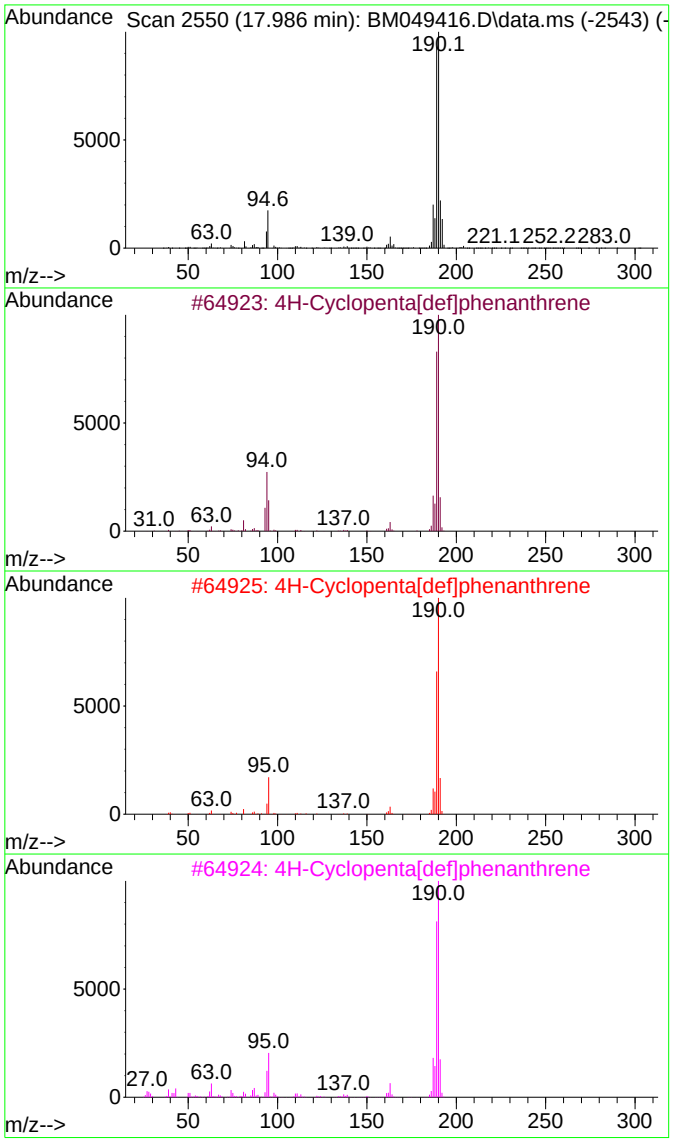
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

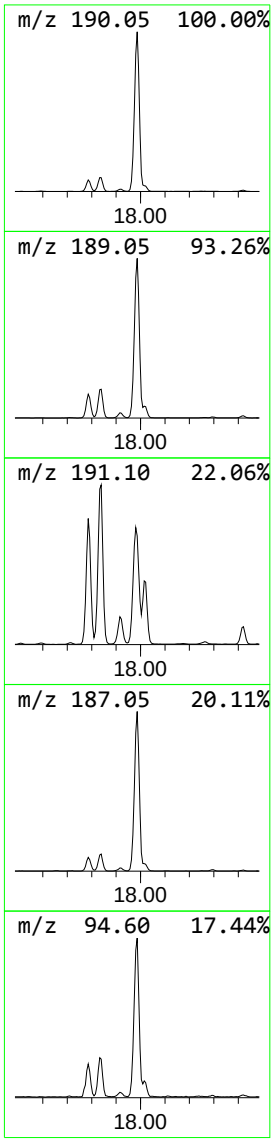
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	109.08 ng/ul	15588400	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
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Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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

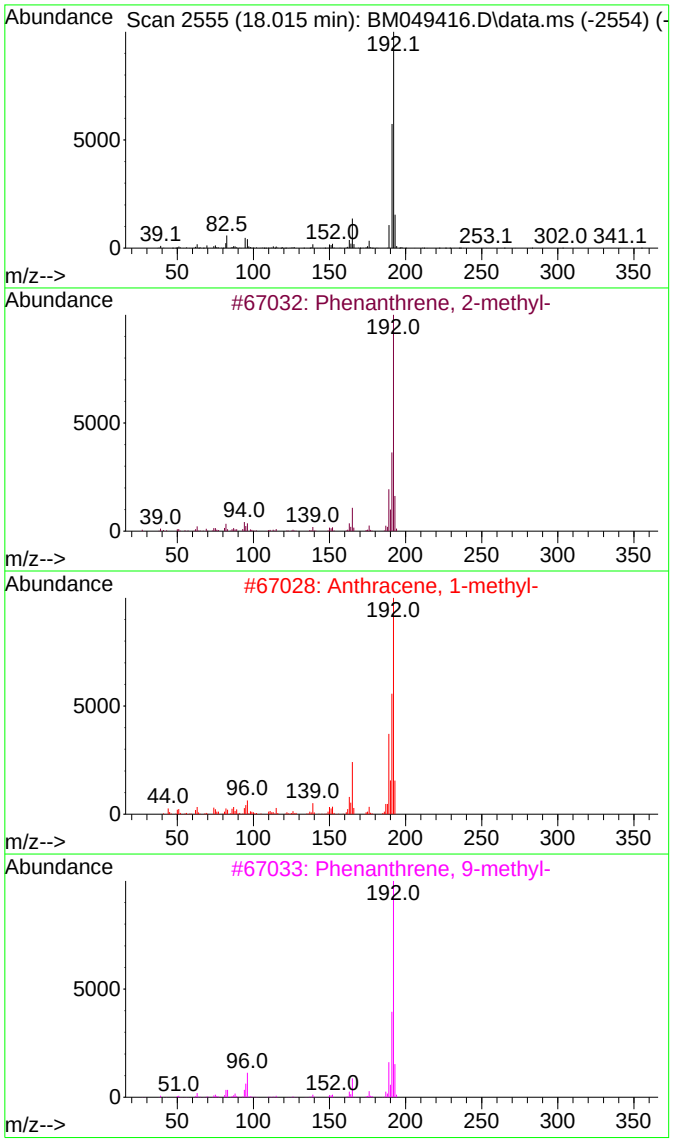
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

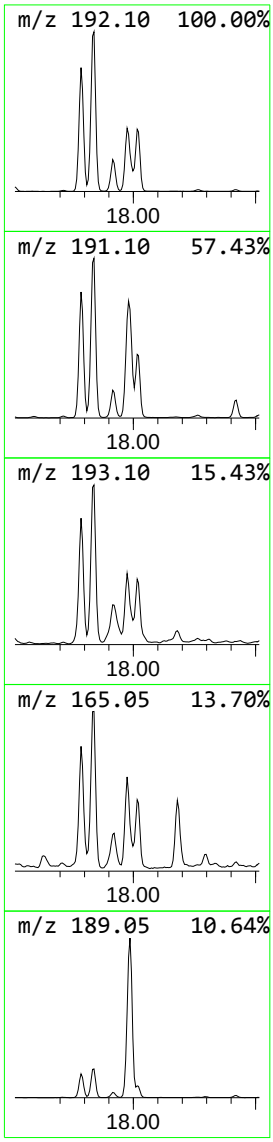
****

Peak Number 37 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	14.13 ng/ul	2019790	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

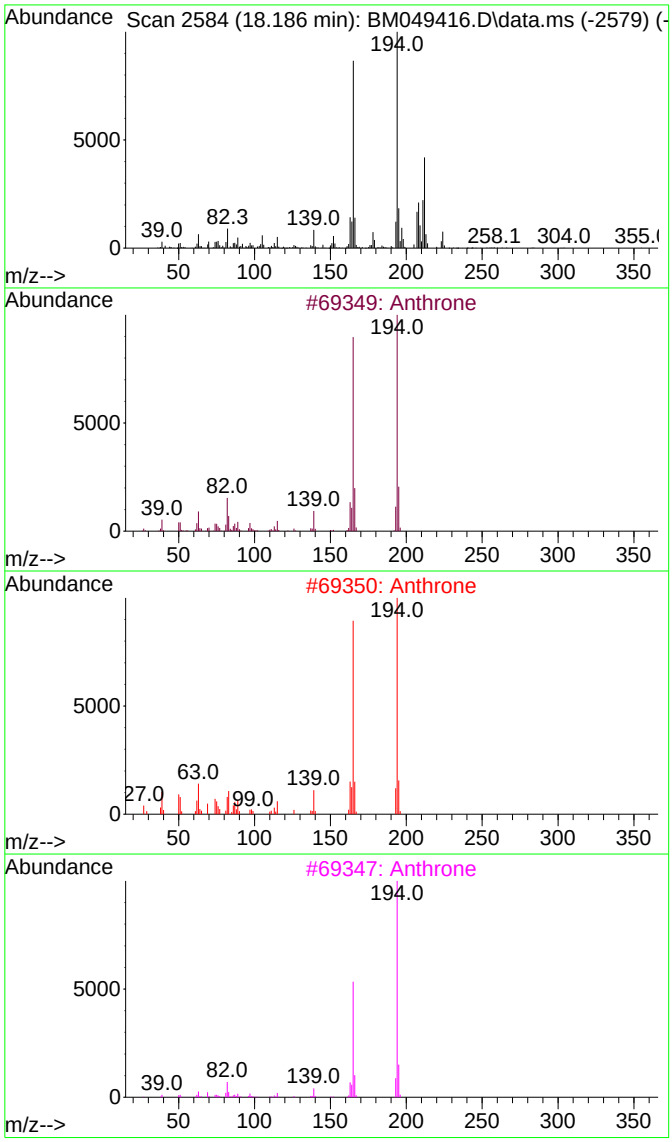
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

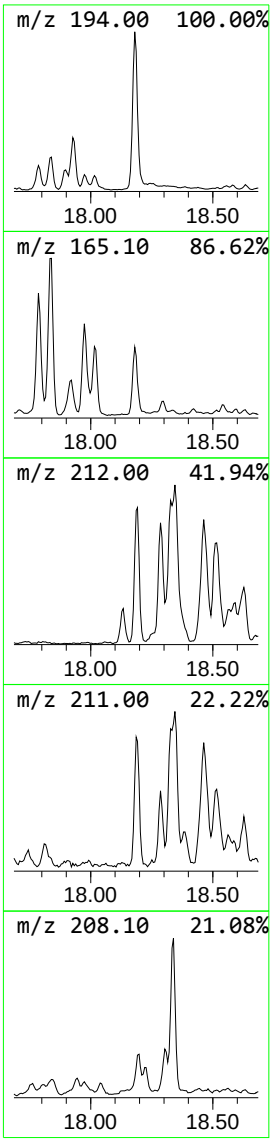
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Anthrone Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	4.84 ng/ul	691430	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	90
2	Anthrone	194	C14H10O	000090-44-8	87
3	Anthrone	194	C14H10O	000090-44-8	70
4	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	55
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

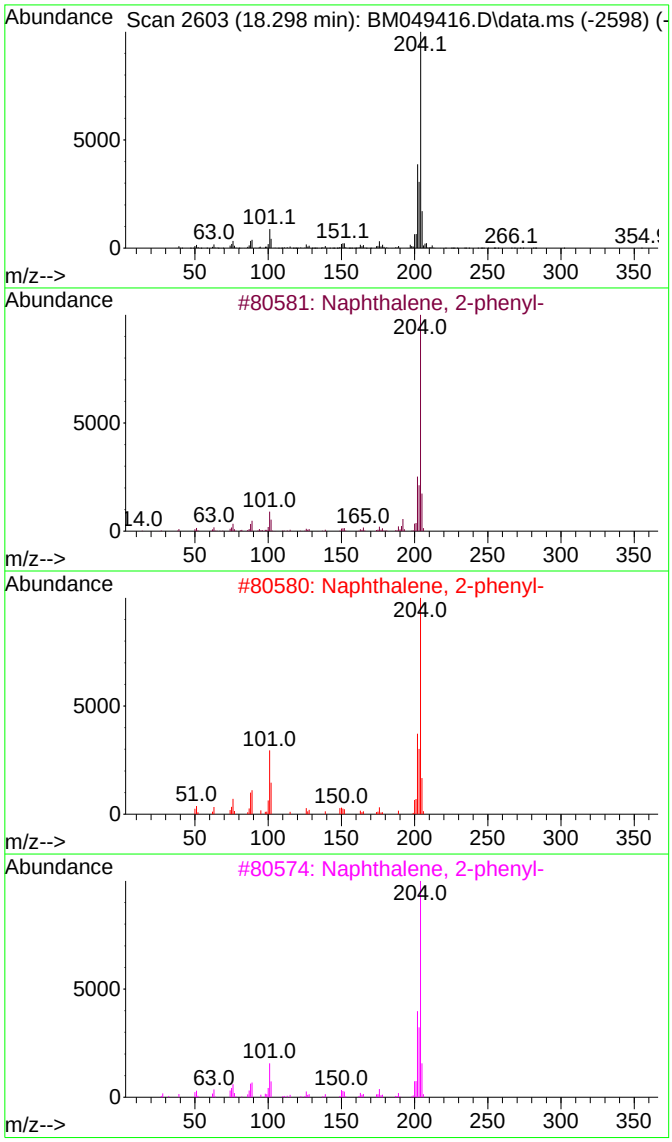
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

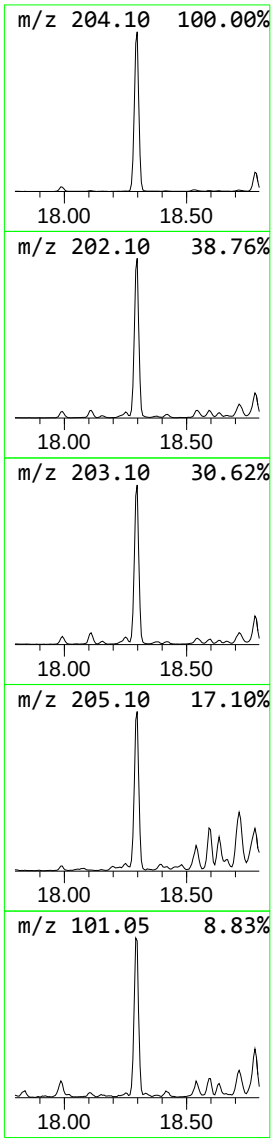
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	26.91 ng/ul	3845740	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

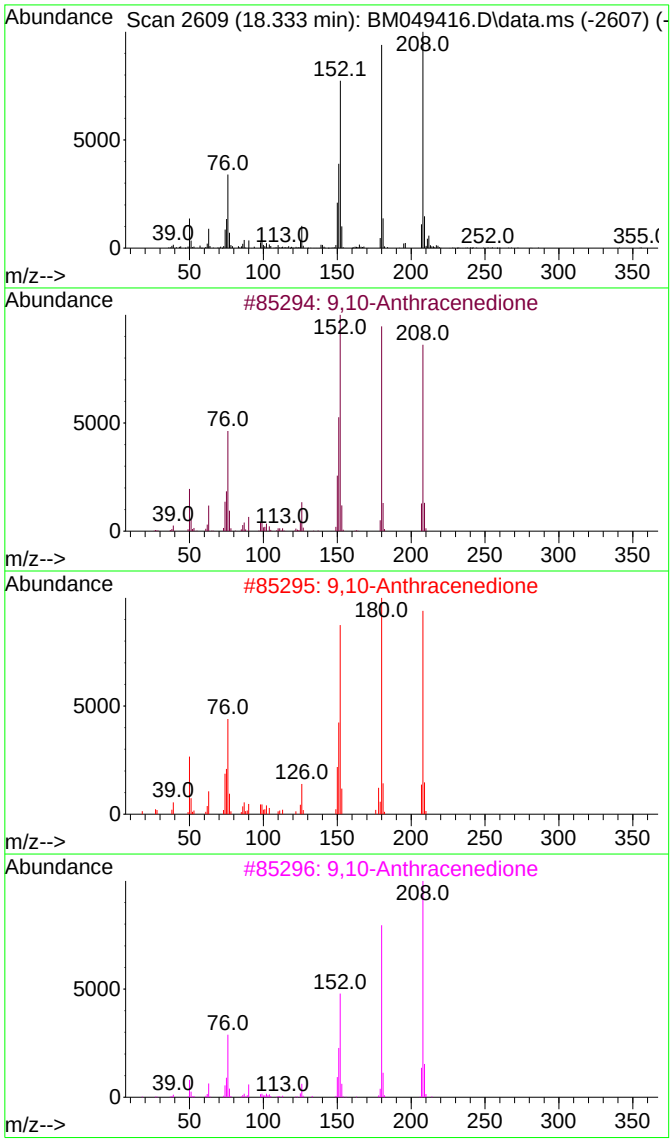
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

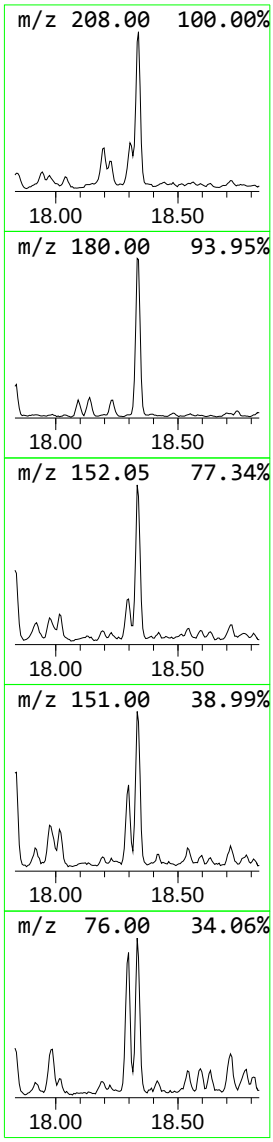
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 9,10-Anthracenedione Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	6.31 ng/ul	901688	Phenanthrene-d10	16.915

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

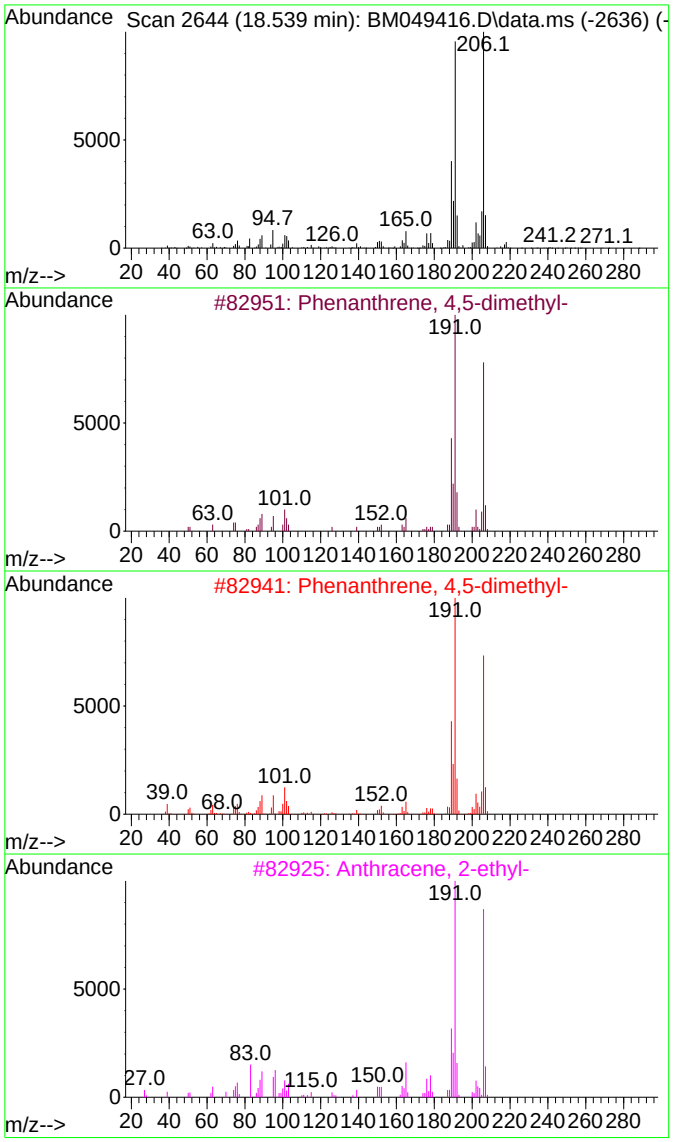
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

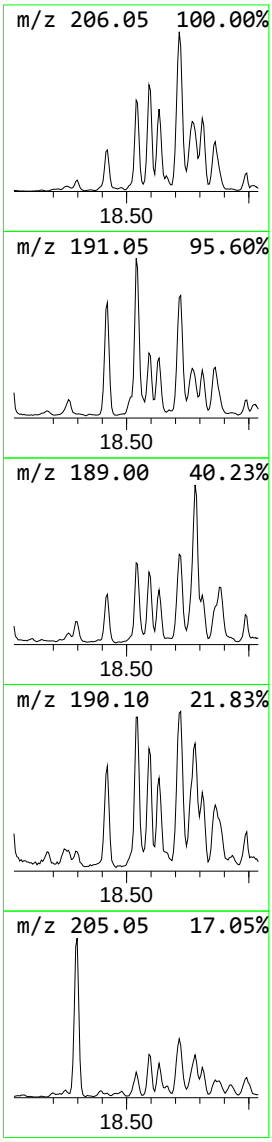
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Anthracene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	8.13 ng/ul	1162200	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

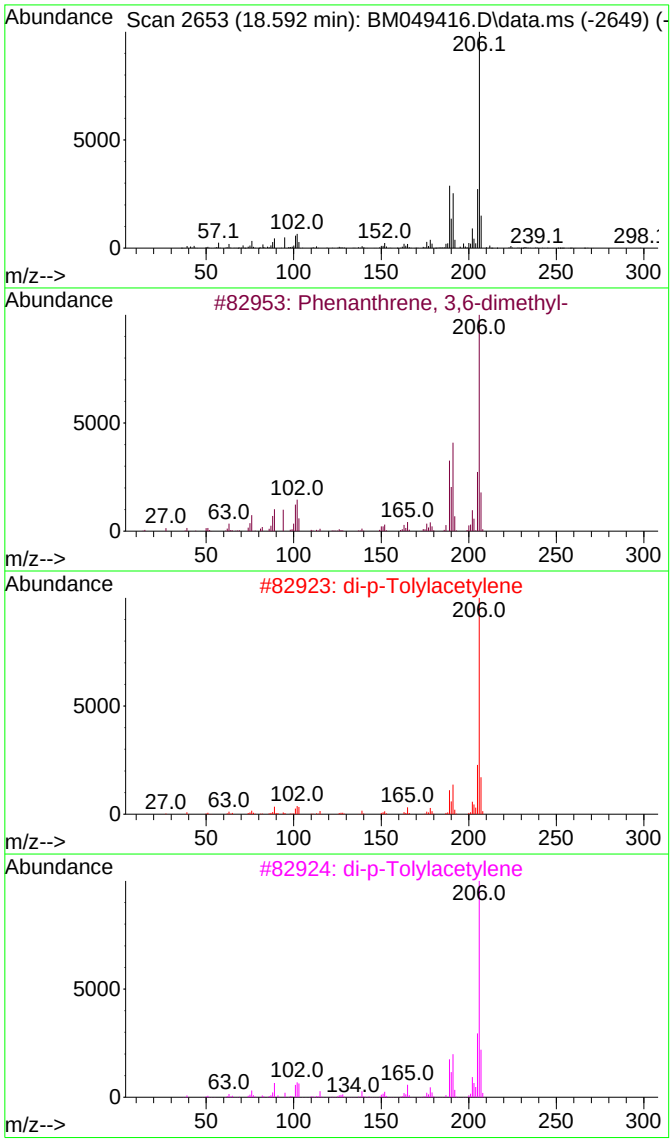
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

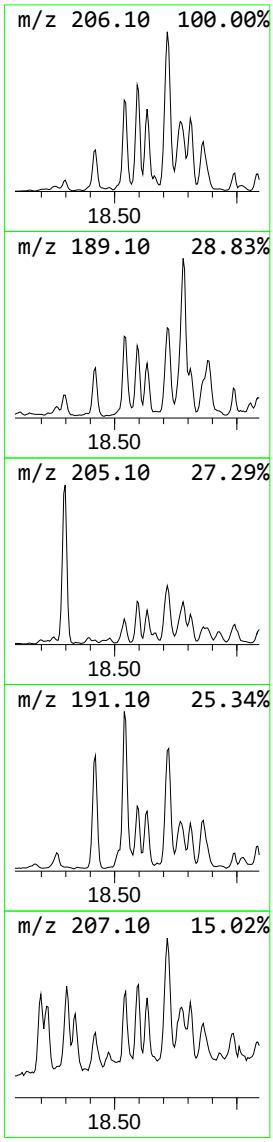
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Phenanthrene, 3,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	5.40 ng/ul	771657	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80





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Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

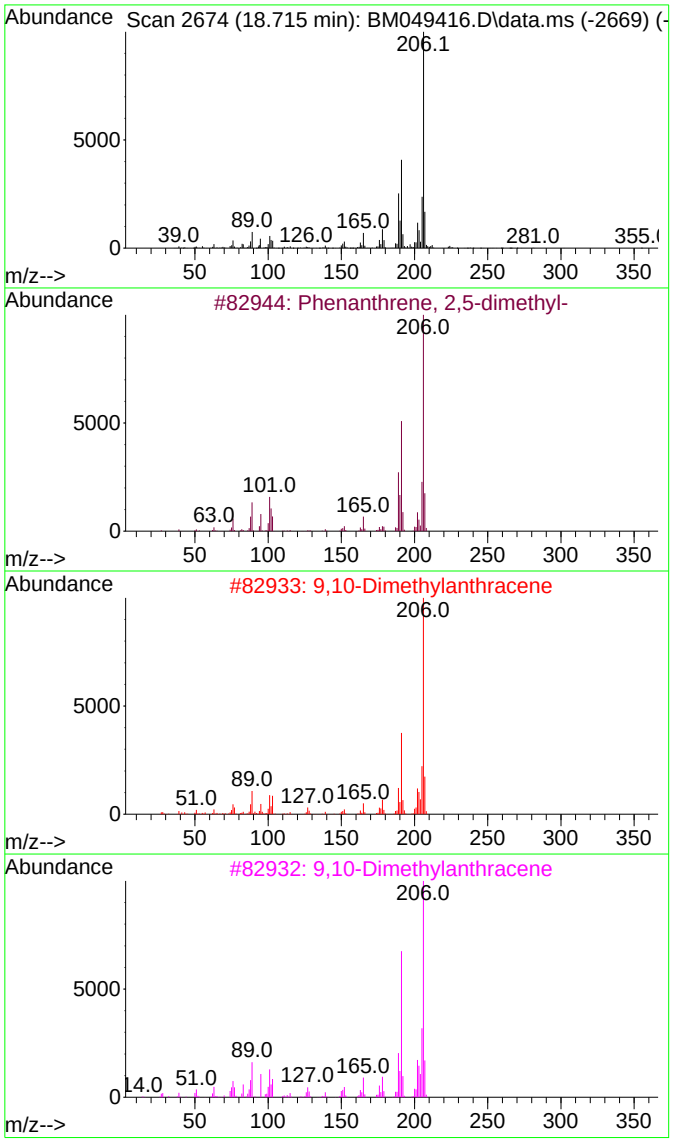
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

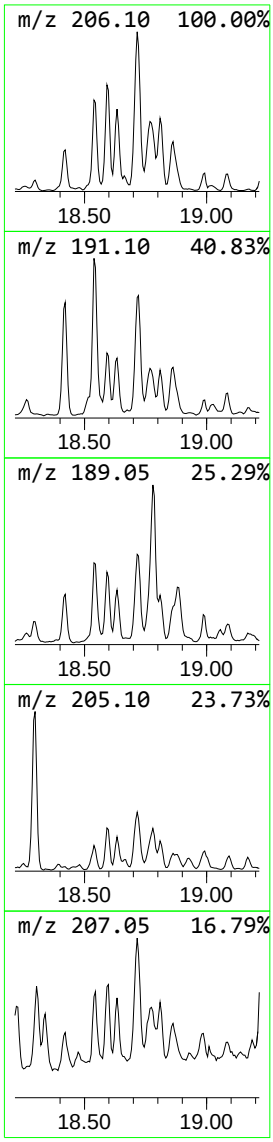
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	10.80 ng/ul	1543210	Phenanthrene-d10	16.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

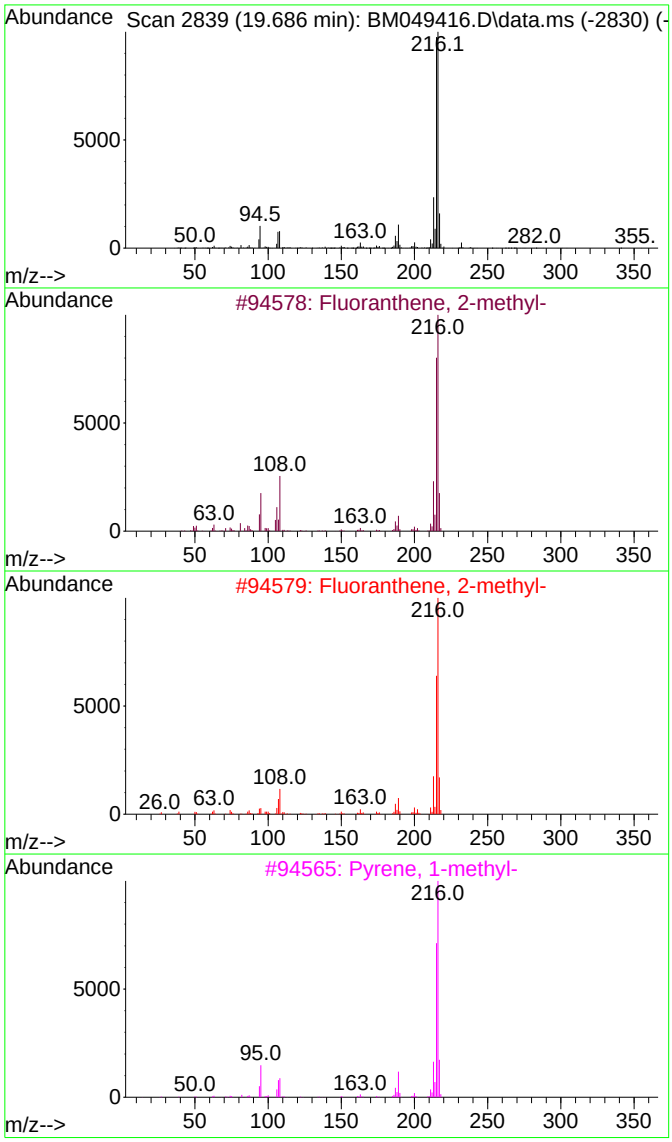
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

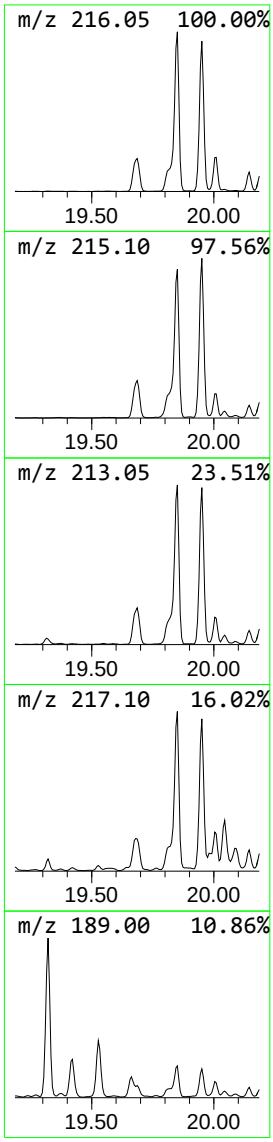
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Fluoranthene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.686	4.96 ng/ul	3467610	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

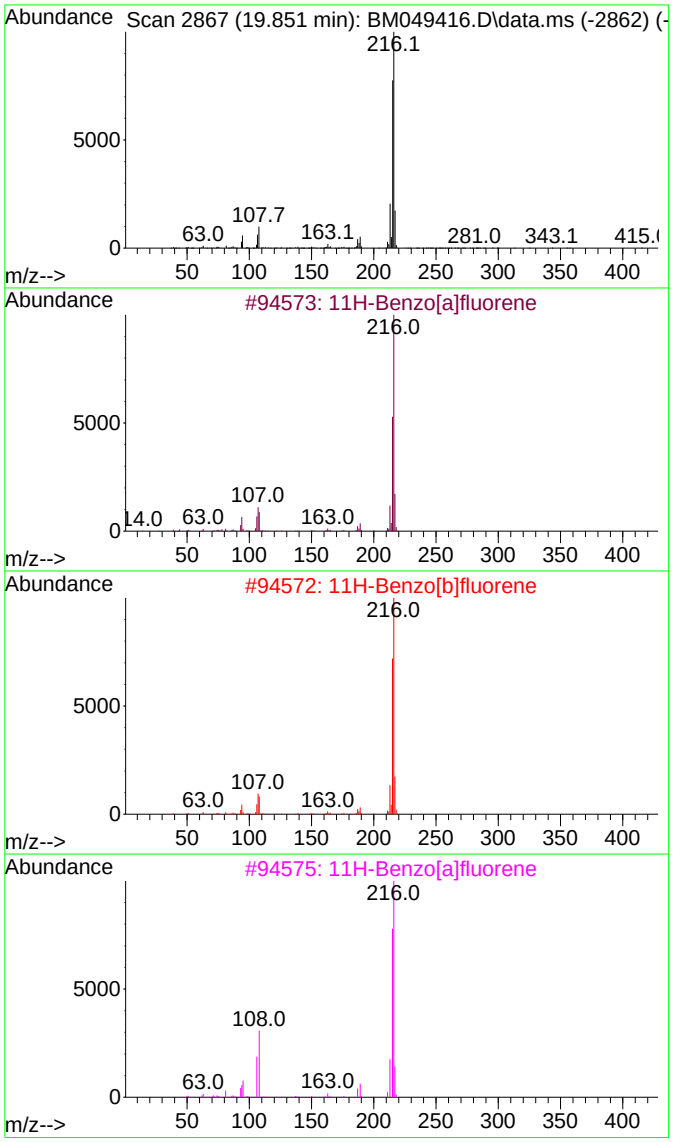
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

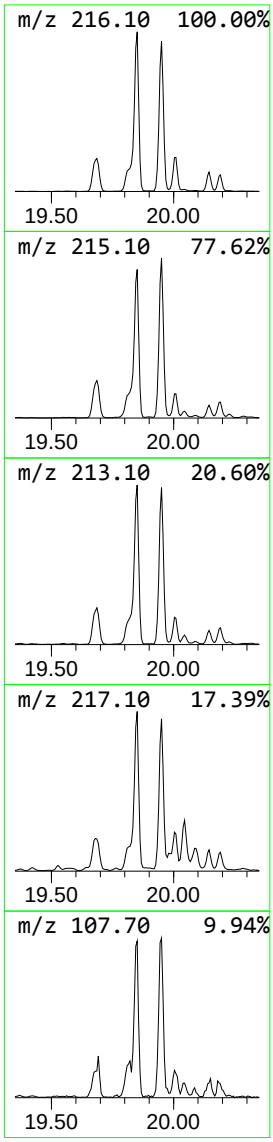
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.851	11.33 ng/ul	7925720	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

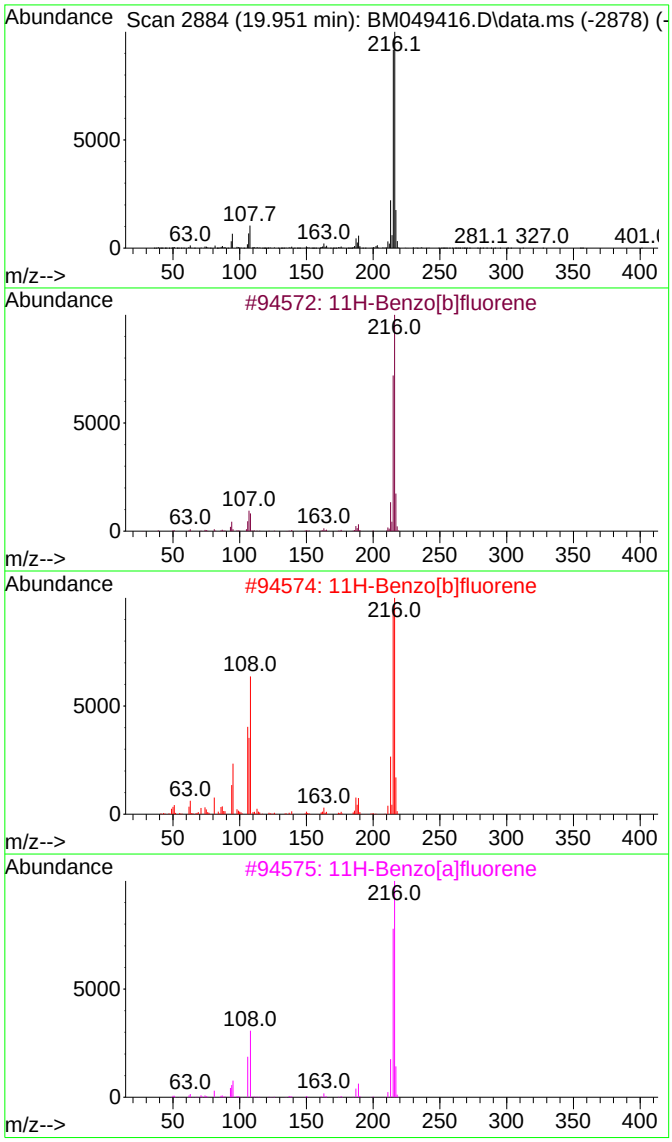
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

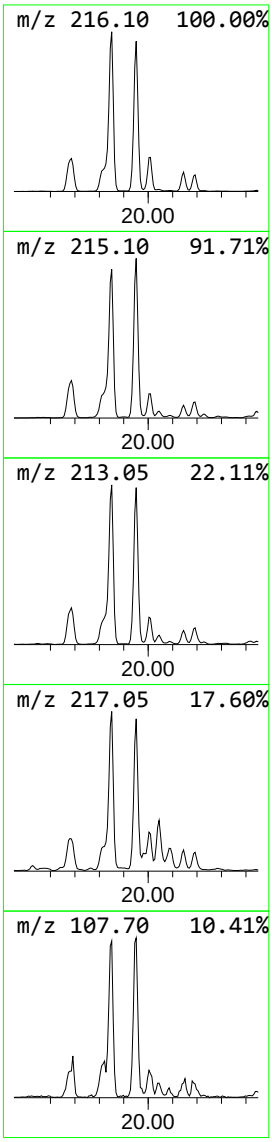
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.951	10.70 ng/ul	7486890	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049416.D
Acq On : 23 Jan 2025 12:56
Operator : RC/JU
Sample : Q1139-12DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL

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
Naphthalene, 2,...	13.316	4.4	ng/ul	639935	3	14.157	2914080	20.0
Naphthalene, 2,...	13.475	6.2	ng/ul	900843	3	14.157	2914080	20.0
1-Isopropenylna...	14.474	4.8	ng/ul	695173	3	14.157	2914080	20.0
Dibenzo furan	14.563	44.9	ng/ul	6535020	3	14.157	2914080	20.0
[1,1'-Biphenyl]...	15.510	18.0	ng/ul	2617990	3	14.157	2914080	20.0
2,4,6-Cycloheptt...	15.657	24.0	ng/ul	3431540	4	16.915	2858230	20.0
9H-Fluoren-9-ol	15.745	5.1	ng/ul	726149	4	16.915	2858230	20.0
9H-Fluorene, 2-...	16.221	17.9	ng/ul	2550580	4	16.915	2858230	20.0
9H-Fluorene, 3-...	16.268	7.3	ng/ul	1041850	4	16.915	2858230	20.0
9H-Fluorene, 1-...	16.368	7.8	ng/ul	1109870	4	16.915	2858230	20.0
4-(4-Methylphen...	16.492	7.6	ng/ul	1086220	4	16.915	2858230	20.0
Anthracene, 1,2...	16.663	13.4	ng/ul	1922820	4	16.915	2858230	20.0
Dibenzothiophene	16.727	37.0	ng/ul	5295490	4	16.915	2858230	20.0
Naphthalene, 1-...	17.433	10.6	ng/ul	1518670	4	16.915	2858230	20.0
1-Methyldibenzo...	17.492	6.4	ng/ul	911041	4	16.915	2858230	20.0
Dibenzothiophen...	17.633	5.7	ng/ul	810334	4	16.915	2858230	20.0
Phenanthrene, 1...	17.786	37.9	ng/ul	5408700	4	16.915	2858230	20.0
Phenanthrene, 2...	17.839	49.5	ng/ul	7078720	4	16.915	2858230	20.0
1H-Cyclopropa[l...	17.915	11.3	ng/ul	1620110	4	16.915	2858230	20.0
4H-Cyclopenta[d...	17.986	109.1	ng/ul	15588400	4	16.915	2858230	20.0
Anthracene, 1-m...	18.015	14.1	ng/ul	2019790	4	16.915	2858230	20.0
Anthrone	18.186	4.8	ng/ul	691430	4	16.915	2858230	20.0
Naphthalene, 2-...	18.298	26.9	ng/ul	3845740	4	16.915	2858230	20.0
9,10-Anthracene...	18.333	6.3	ng/ul	901688	4	16.915	2858230	20.0
Anthracene, 2-e...	18.539	8.1	ng/ul	1162200	4	16.915	2858230	20.0
Phenanthrene, 3...	18.592	5.4	ng/ul	771657	4	16.915	2858230	20.0
Phenanthrene, 2...	18.715	10.8	ng/ul	1543210	4	16.915	2858230	20.0
Fluoranthene, 2...	19.686	5.0	ng/ul	3467610	5	21.145	13988100	20.0
11H-Benzo[a]flu...	19.851	11.3	ng/ul	7925720	5	21.145	13988100	20.0
11H-Benzo[b]flu...	19.951	10.7	ng/ul	7486890	5	21.145	13988100	20.0