LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

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: BM049418.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.522	87	91	100	rBV	64813	113284	1.15%	0.172%
2	6.716	629	634	645	rVB	63367	118674	1.20%	0.180%
3	6.869	655	660	668	rBV	62642	100910	1.02%	0.153%
4	7.057	686	692	700	rBV	73970	129044	1.31%	0.196%
5	7.516	763	770	783	rBV	772679	1204868	12.20%	1.831%
6	8.234	886	892	899	rBV	59903	120337	1.22%	0.183%
7	8.663	959	965	976	rBV	53972	109745	1.11%	0.167%
8	9.922	1170	1179	1189	rBV	55503	131706	1.33%	0.200%
9	10.275	1230	1239	1245	rBV	925561	1576437	15.96%	2.396%
10	10.328	1245	1248	1257	rVB	136255	215369	2.18%	0.327%
11	10.439	1259	1267	1268	rBV	47108	80759	0.82%	0.123%
12	11.322	1410	1417	1424	rBV2	50680	97856	0.99%	0.149%
13	12.081	1540	1546	1554	rBV	121843	256352	2.60%	0.390%
14	12.704	1647	1652	1658	rVV	64209	95307	0.97%	0.145%
15	12.992	1693	1701	1710	rVV2	71560	181989	1.84%	0.277%
16	13.310	1748	1755	1766	rBV3	49791	135936	1.38%	0.207%
17	13.475	1777	1783	1788	rBV2	75972	144377	1.46%	0.219%
18	13.580	1796	1801	1805	rVB	159194	217359	2.20%	0.330%
19	13.663	1806	1815	1819	rBV2	75062	151500	1.53%	0.230%
20	13.704	1819	1822	1827	rVB3	55326	89439	0.91%	0.136%
21	13.845	1841	1846	1849	rBV	163958	240102	2.43%	0.365%
22	13.875	1849	1851	1857	rVB2	69090	94169	0.95%	0.143%
23	14.086	1882	1887	1890	rBV	64988	88777	0.90%	0.135%
24	14.157	1890	1899	1904	rBV	1428708	2058472	20.84%	3.129%
25	14.222	1904	1910	1915	rBV	939395	1324629	13.41%	2.013%
26	14.375	1929	1936	1942	rBV3	40588	125081	1.27%	0.190%
27	14.475	1947	1953	1957	rVV2	84860	143346	1.45%	0.218%
28	14.557	1959	1967	1976	rVV	423778	737954	7.47%	1.122%
29	14.645	1978	1982	1986	rVV	61872	87049	0.88%	0.132%
30	14.704	1988	1992	2000	rVB3	69535	109014	1.10%	0.166%
31	14.780	2000	2005	2010	rBV2	62617	107309	1.09%	0.163%
32	15.157	2064	2069	2073	rVV2	238332	366225	3.71%	0.557%
33	15.210	2073	2078	2083	rVV	1058709	1451982	14.70%	2.207%
34	15.310	2091	2095	2097	rVV2	72750	116418	1.18%	0.177%
35	15.339	2097	2100	2103	rVV	140021	200275	2.03%	0.304%
36	15.374	2103	2106	2111	rVV	219116	309313	3.13%	0.470%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

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	15.457	2111	2120	2124	rVV4	163031	386159	3.91%	0.587%
38	15.510	2124	2129	2140	rVB2	257266	550041	5.57%	0.836%
39	15.657	2149	2154	2161	rVV	251301	504134	5.10%	0.766%
40	15.727	2161	2166	2179	rVB3	74825	206815	2.09%	0.314%
41	15.886	2189	2193	2194	rVV	77074	105913	1.07%	0.161%
42	15.904	2194	2196	2198	rVV2	96657	121569	1.23%	0.185%
43	15.933	2198	2201	2208	rVV	119841	176926	1.79%	0.269%
44	16.010	2209	2214	2221	rVB3	112402	197504	2.00%	0.300%
45	16.221	2244	2250	2255	rVV2	165793	345821	3.50%	0.526%
46	16.269	2255	2258	2262	rVV2	100298	145747	1.48%	0.222%
47	16.369	2271	2275	2280	rVB	104156	153975	1.56%	0.234%
48	16.486	2292	2295	2299	rVB3	79580	111475	1.13%	0.169%
49	16.663	2317	2325	2329	rBV2	136301	322938	3.27%	0.491%
50	16.698	2329	2331	2332	rVV2	86008	81836	0.83%	0.124%
51	16.727	2332	2336	2350	rVB	356193	735660	7.45%	1.118%
52	16.910	2361	2367	2370	rBV	1617861	2212546	22.40%	3.363%
53	16.951	2370	2374	2379	rVV	3391979	4464341	45.21%	6.786%
54	17.010	2379	2384	2385	rVV	271883	382978	3.88%	0.582%
55	17.039	2385	2389	2396	rVV	1427170	1972804	19.98%	2.999%
56	17.104	2396	2400	2407	rVB3	89468	168738	1.71%	0.256%
57	17.315	2432	2436	2440	rBV	158911	214961	2.18%	0.327%
58	17.357	2440	2443	2450	rVB5	57704	88260	0.89%	0.134%
59	17.439	2452	2457	2462	rBV	173629	243162	2.46%	0.370%
60	17.486	2462	2465	2470	rBV2	63344	91834	0.93%	0.140%
61	17.633	2486	2490	2499	rVB	65520	123569	1.25%	0.188%
62	17.786	2511	2516	2520	rBV	479687	617239	6.25%	0.938%
63	17.833	2520	2524	2530	rVB	522713	686972	6.96%	1.044%
64	17.915	2533	2538	2542	rBV	193180	268839	2.72%	0.409%
65	17.980	2543	2549	2553	rVV	1281420	1963813	19.89%	2.985%
66	18.015	2553	2555	2563	rVB	233115	282126	2.86%	0.429%
67	18.292	2598	2602	2606	rBV	394900	515876	5.22%	0.784%
68	18.333	2606	2609	2615	rVB5	54054	86952	0.88%	0.132%
69	18.545	2641	2645	2649	rVV	90636	131482	1.33%	0.200%
70	18.592	2650	2653	2657	rVV	83312	118509	1.20%	0.180%
71	18.715	2668	2674	2678	rBV	132079	225509	2.28%	0.343%
72	18.774	2680	2684	2688	rVV3	99786	144135	1.46%	0.219%
73	18.980	2712	2719	2726	rBV	7715329	9875589	100.00%	15.010%
74	19.051	2728	2731	2733	rVV	60688	79356	0.80%	0.121%
75	19.080	2733	2736	2740	rVV3	61409	92198	0.93%	0.140%
76	19.221	2755	2760	2765	rBV	191963	248833	2.52%	0.378%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

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	19.339	2771	2780	2785	rBV	4733887	8263161	83.67%	12.560%
78	19.415	2790	2793	2801	rVB2	180391	291192	2.95%	0.443%
79	19.527	2808	2812	2819	rBV	228370	292645	2.96%	0.445%
80	19.668	2831	2836	2843	rBV4	192281	481586	4.88%	0.732%
81	19.809	2855	2860	2861	rBV2	128160	172815	1.75%	0.263%
82	19.845	2861	2866	2871	rVB	695966	980648	9.93%	1.491%
83	19.945	2878	2883	2887	rBV	718476	934538	9.46%	1.420%
84	19.998	2887	2892	2896	rVV2	242789	388421	3.93%	0.590%
85	20.039	2896	2899	2904	rVV	157322	198997	2.02%	0.302%
86	20.086	2904	2907	2913	rVB4	61413	81398	0.82%	0.124%
87	20.139	2913	2916	2920	rBV	98276	127499	1.29%	0.194%
88	20.186	2920	2924	2929	rBV2	116897	167924	1.70%	0.255%
89	20.562	2984	2988	2992	rBV3	59085	112262	1.14%	0.171%
90	20.762	3018	3022	3025	rBV	201306	248968	2.52%	0.378%
91	20.804	3025	3029	3032	rVV	185532	228805	2.32%	0.348%
92	20.839	3032	3035	3041	rVB2	102395	160200	1.62%	0.243%
93	21.133	3078	3085	3090	rBV2	2074685	4354307	44.09%	6.618%
94	21.174	3090	3092	3101	rVB	989137	1331266	13.48%	2.023%
95	21.309	3111	3115	3120	rBV2	197512	266885	2.70%	0.406%
96	22.056	3240	3242	3250	rVB	96836	142807	1.45%	0.217%
97	23.045	3404	3410	3417	rBV	311747	832087	8.43%	1.265%
98	23.656	3510	3514	3520	rVB	135433	242748	2.46%	0.369%
99	23.786	3531	3536	3549	rVB	198174	456587	4.62%	0.694%
100	23.915	3550	3558	3583	rVB	1067089	2755808	27.91%	4.189%

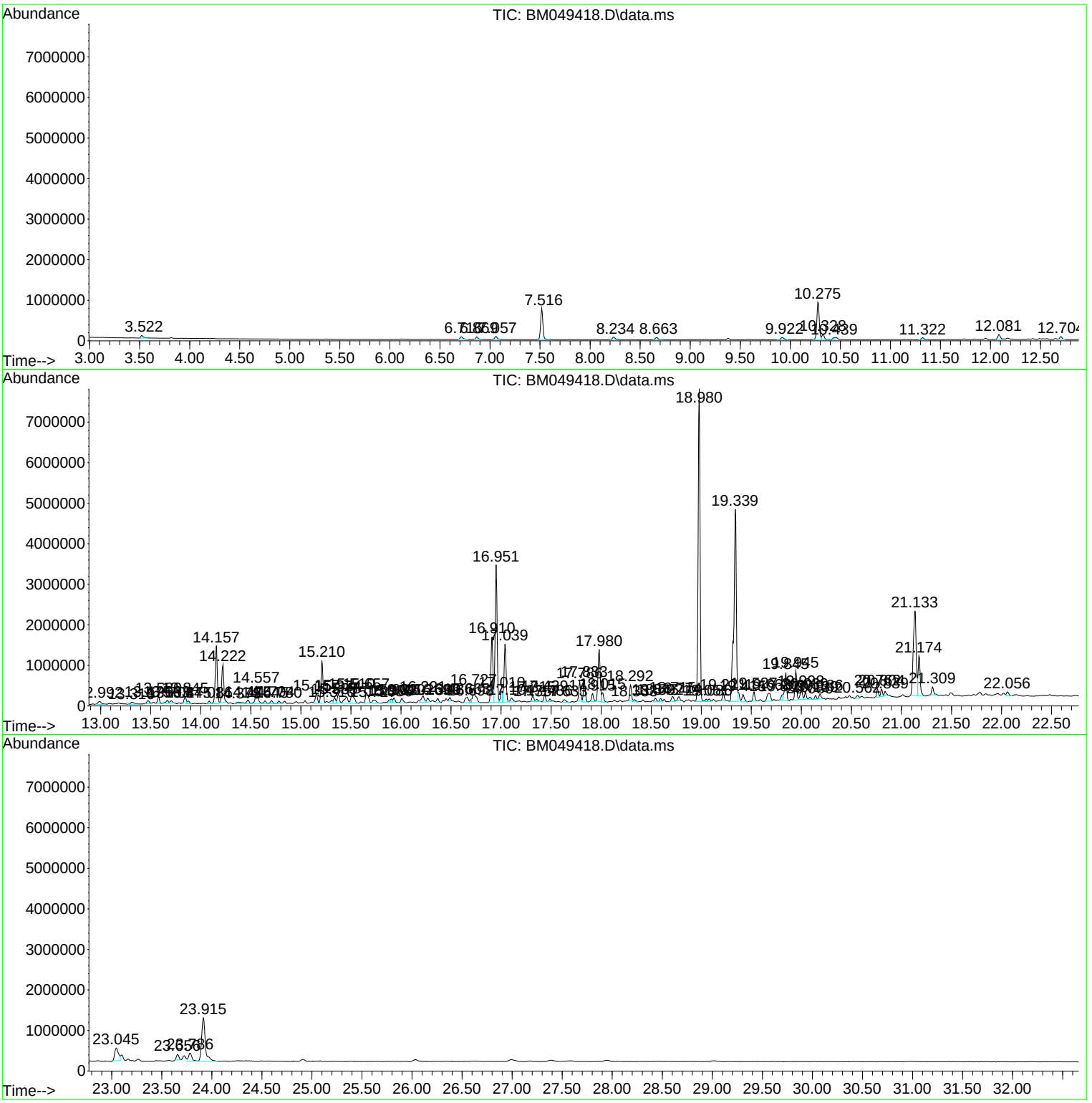
Sum of corrected areas: 65792051

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

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 : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

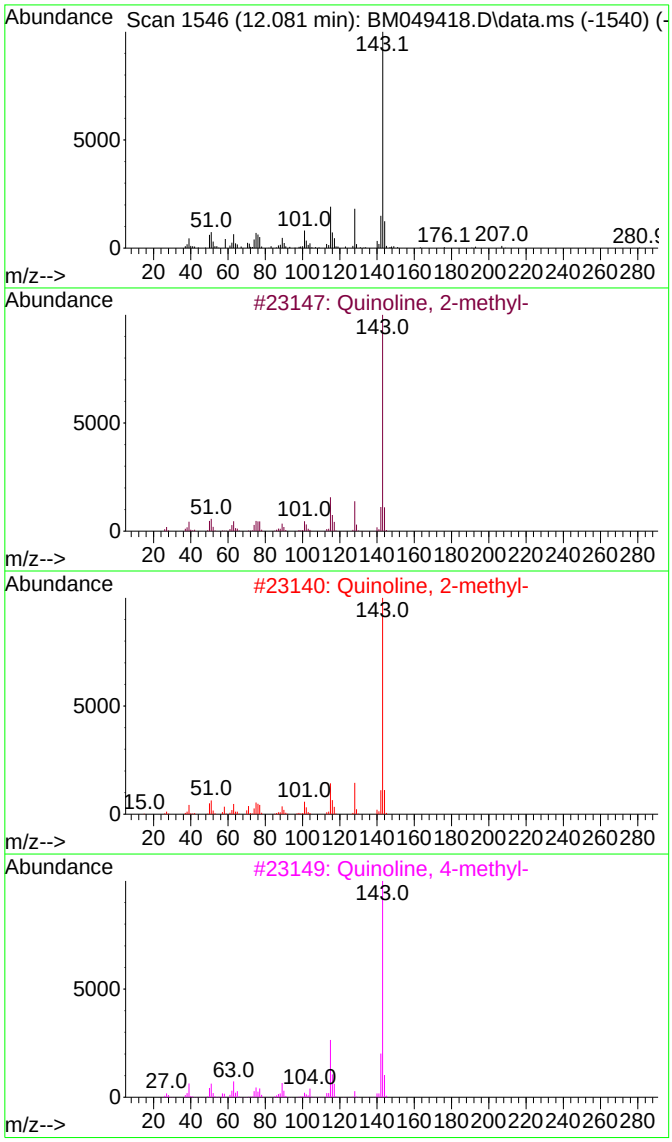
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

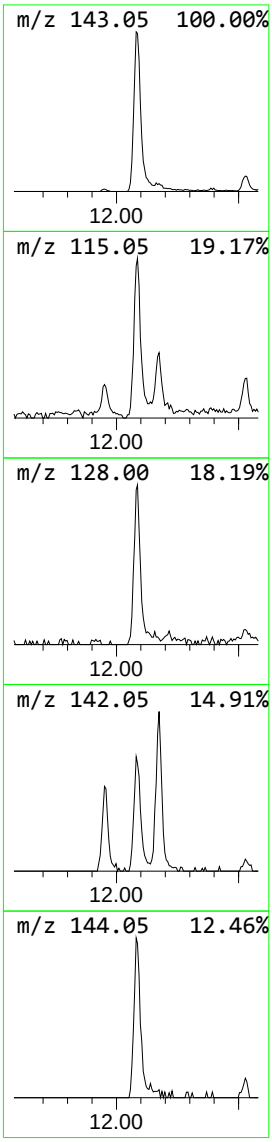
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Quinoline, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	3.25 ng/ul	256352	Naphthalene-d8	10.275

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, 4-methyl-	143	C10H9N	000491-35-0	90
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

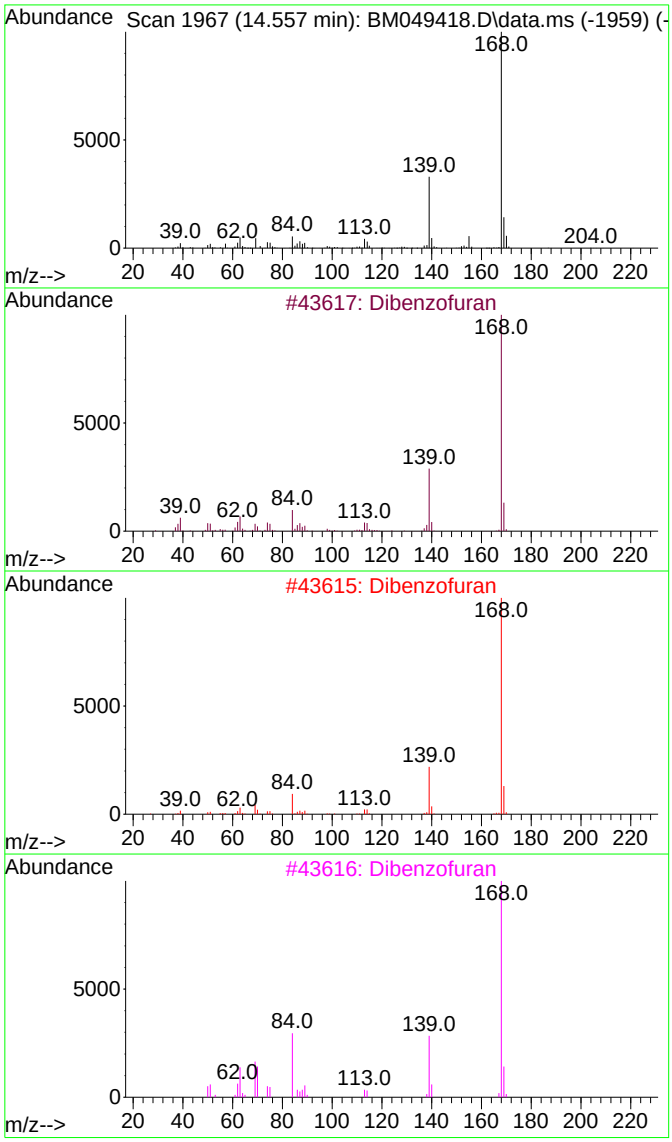
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

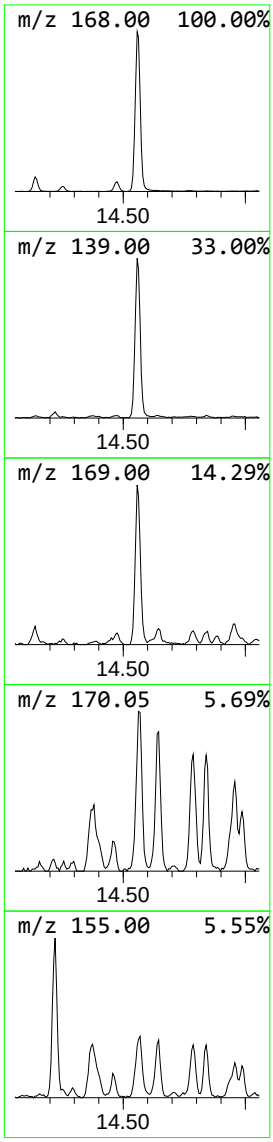
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzo furan Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	7.17 ng/ul	737954	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	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	64
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

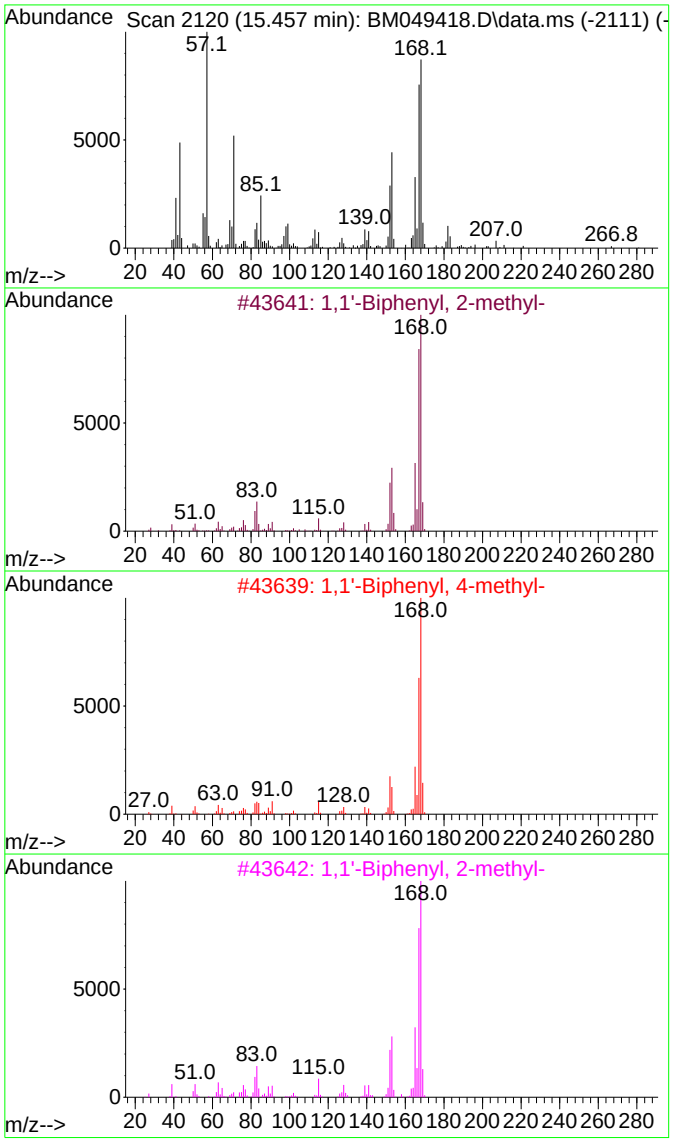
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

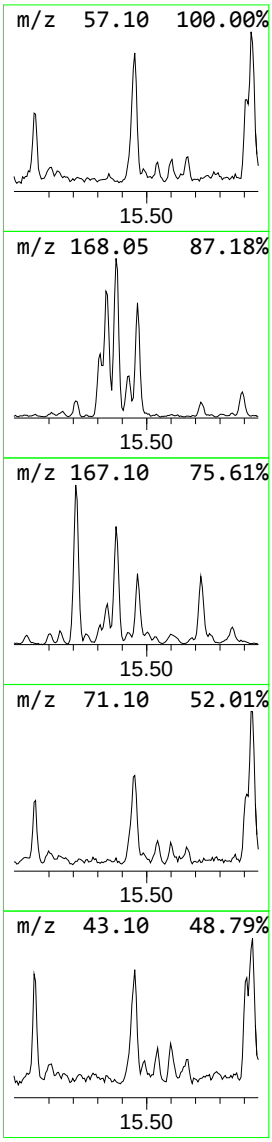
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	3.75 ng/ul	386159	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	86
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
5	2-Allylnaphthalene	168	C13H12	002489-87-4	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

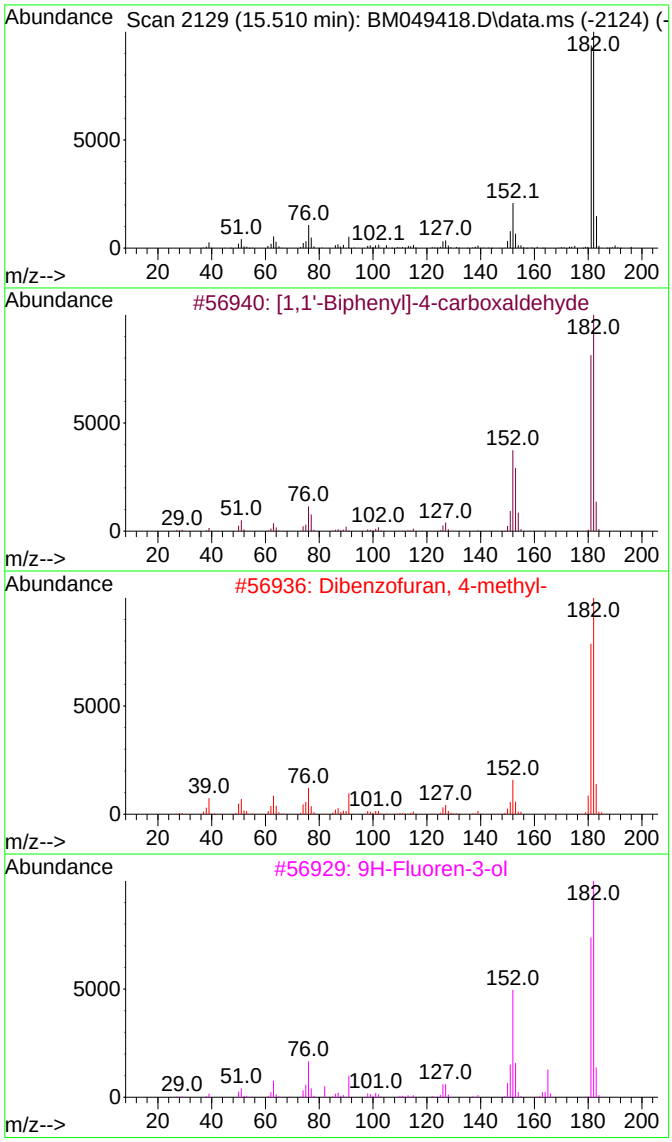
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

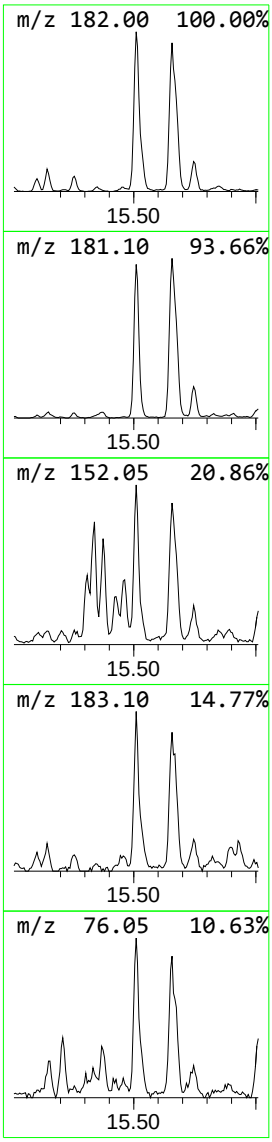
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	5.34 ng/ul	550041	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	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

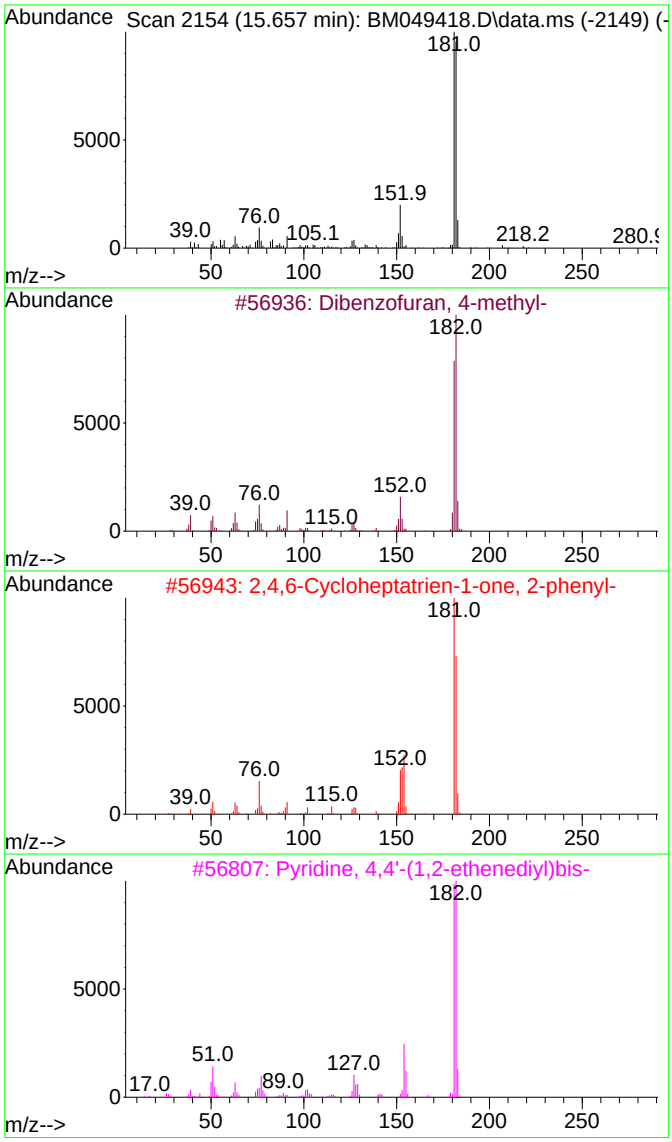
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

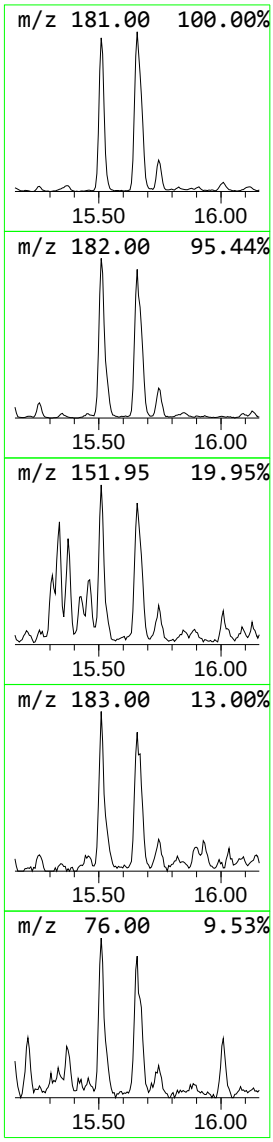
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	4.56 ng/ul	504134	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
4	9H-Xanthene	182	C13H10O	000092-83-1	60
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	59





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Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

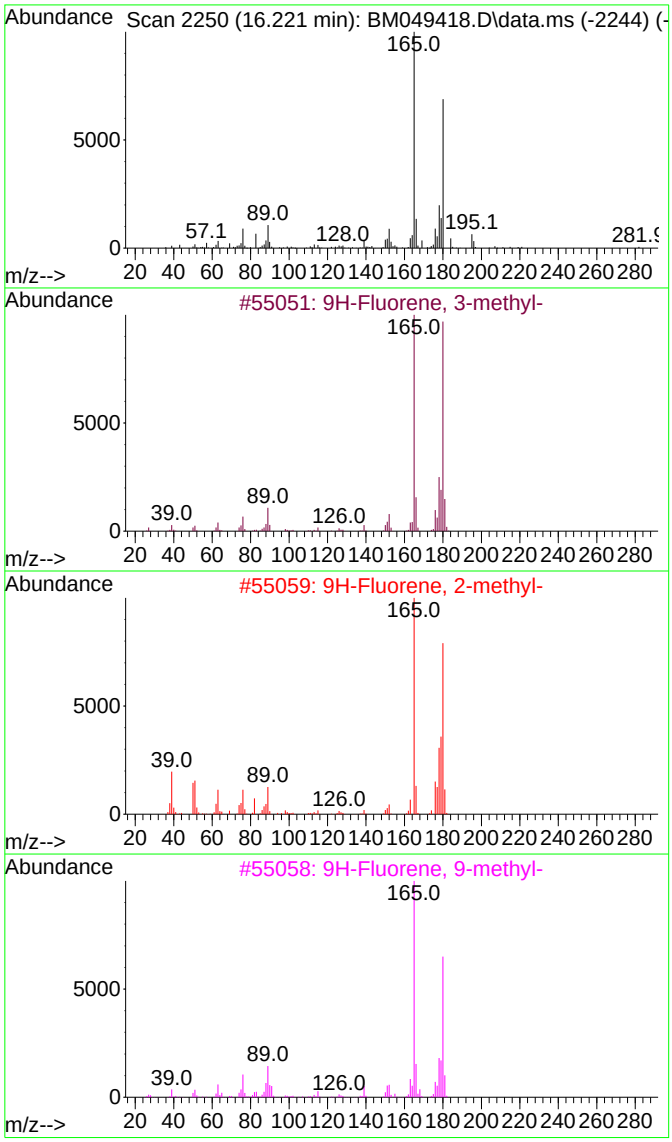
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

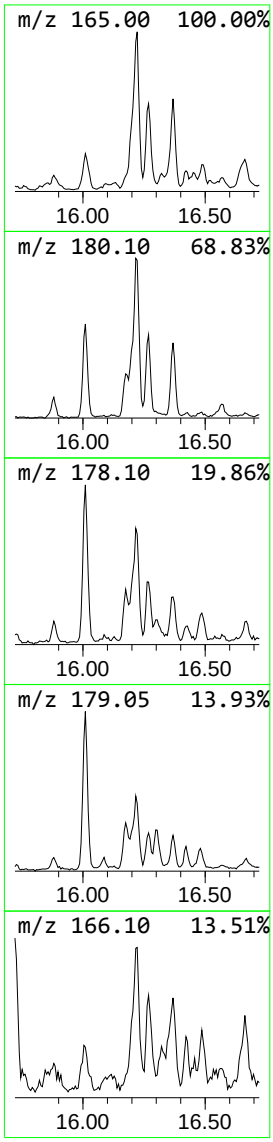
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	3.13 ng/ul	345821	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60





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Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

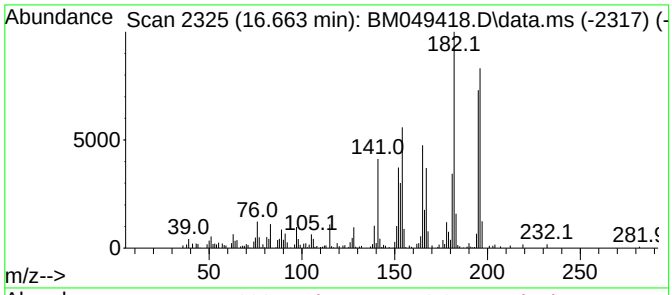
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

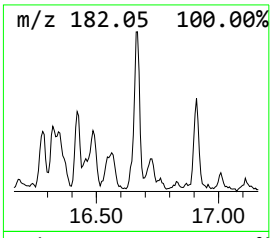
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

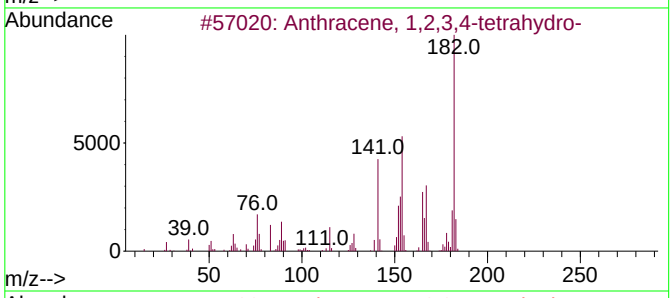
****
Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

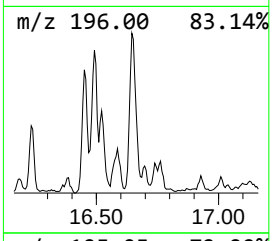
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	2.92 ng/ul	322938	Phenanthrene-d10	16.910

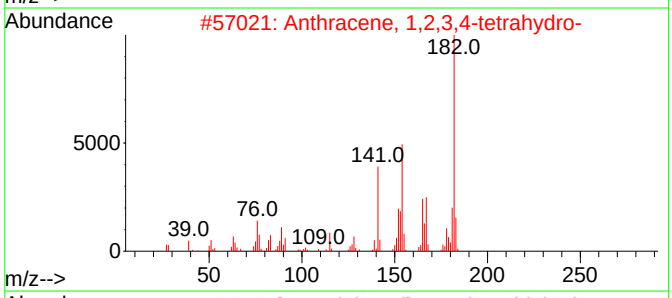
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	55
5	Dehydrochamazulene	182	C14H14	321732-25-6	50

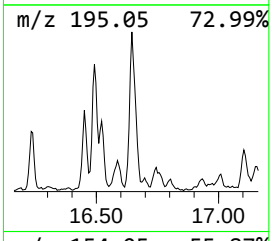


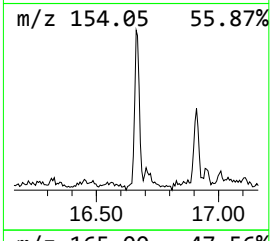


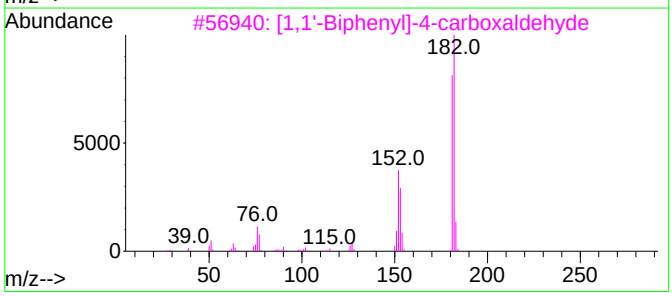


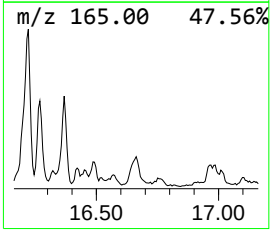












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

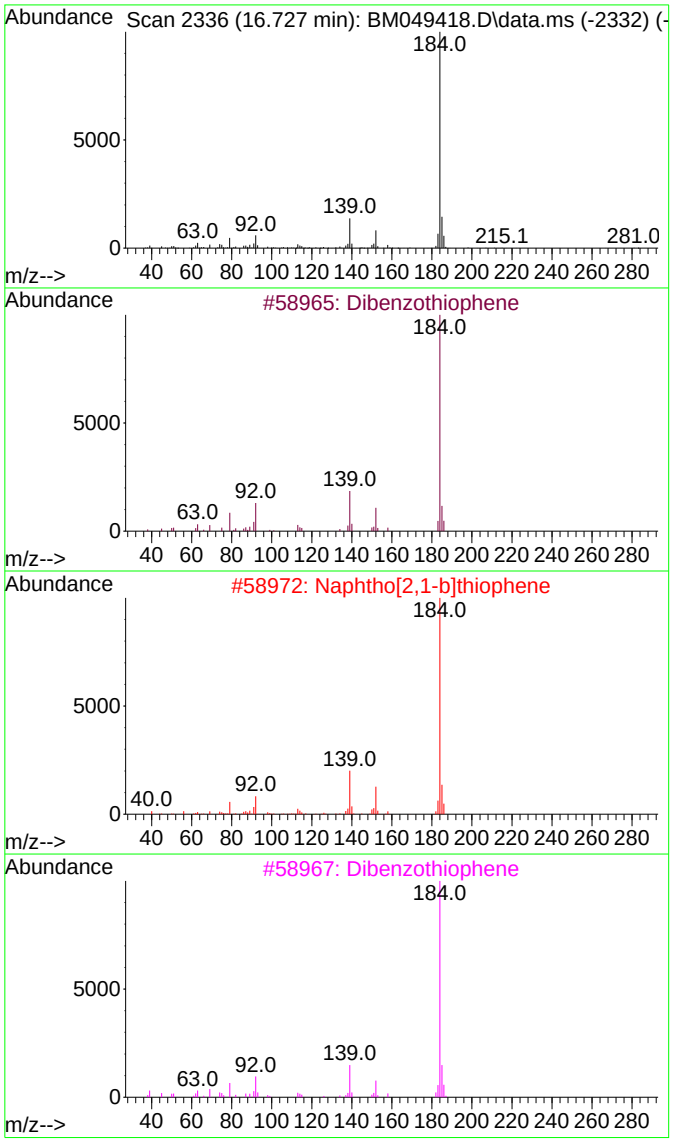
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

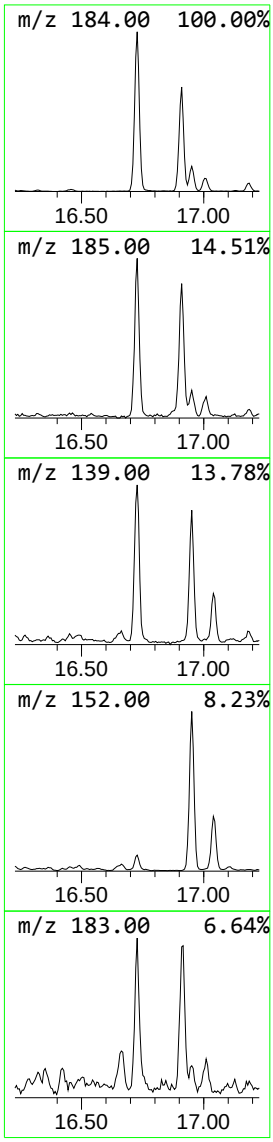
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	6.65 ng/ul	735660	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

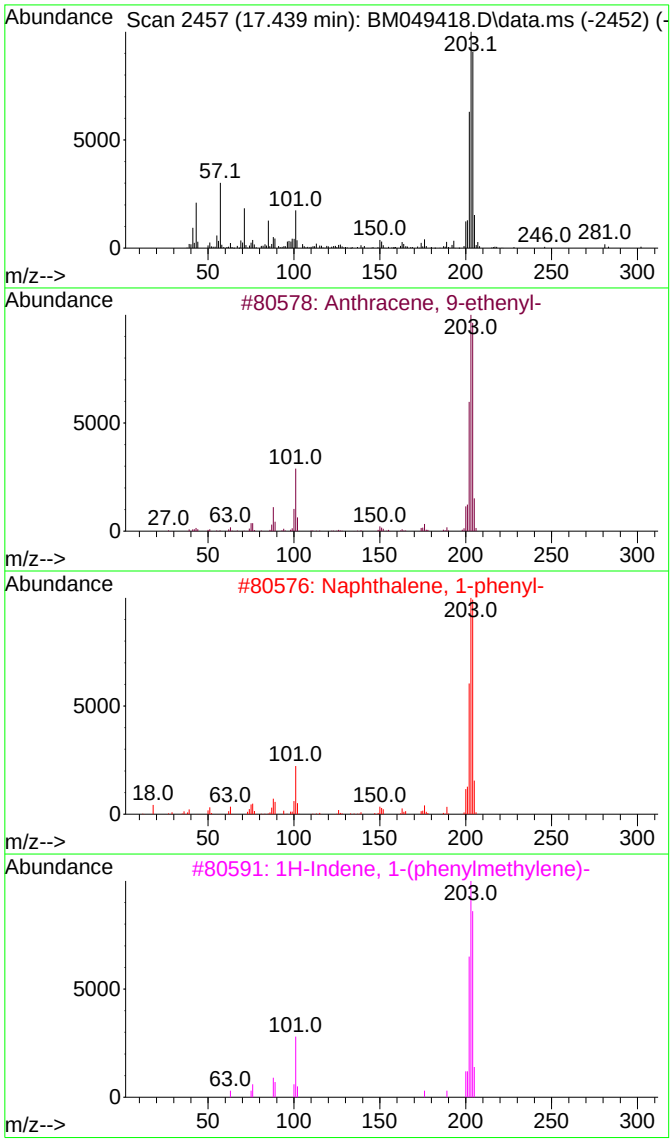
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

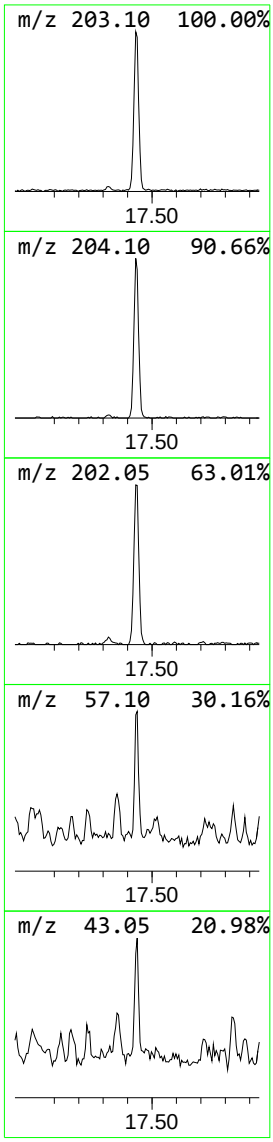
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 9-ethenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.439	2.20 ng/ul	243162	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	92
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
3	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	89
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	68
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	68





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Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

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

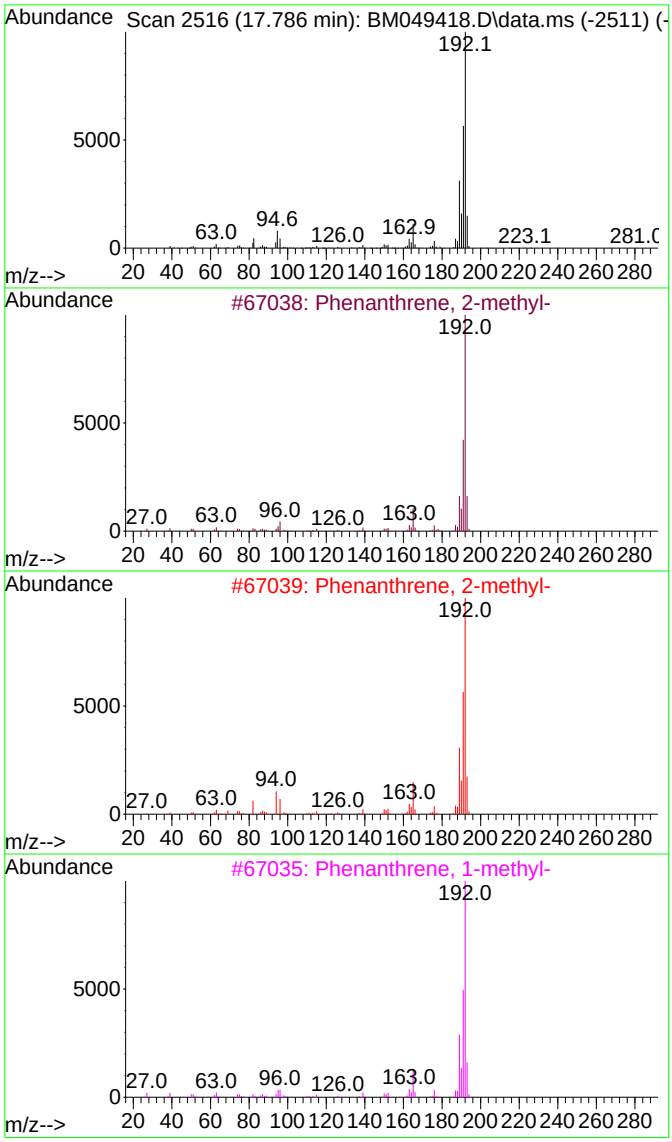
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

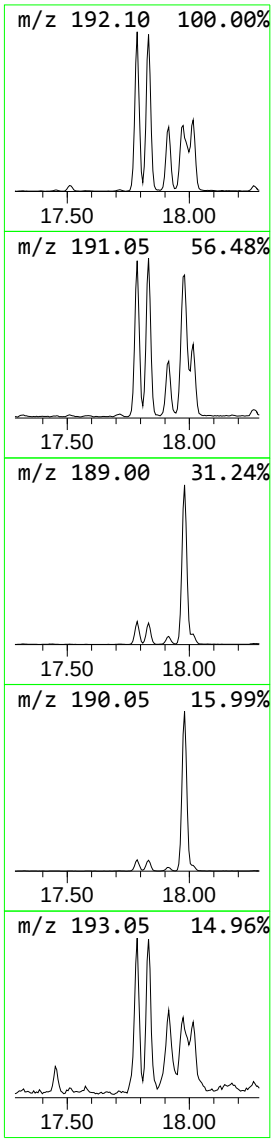
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	5.58 ng/ul	617239	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

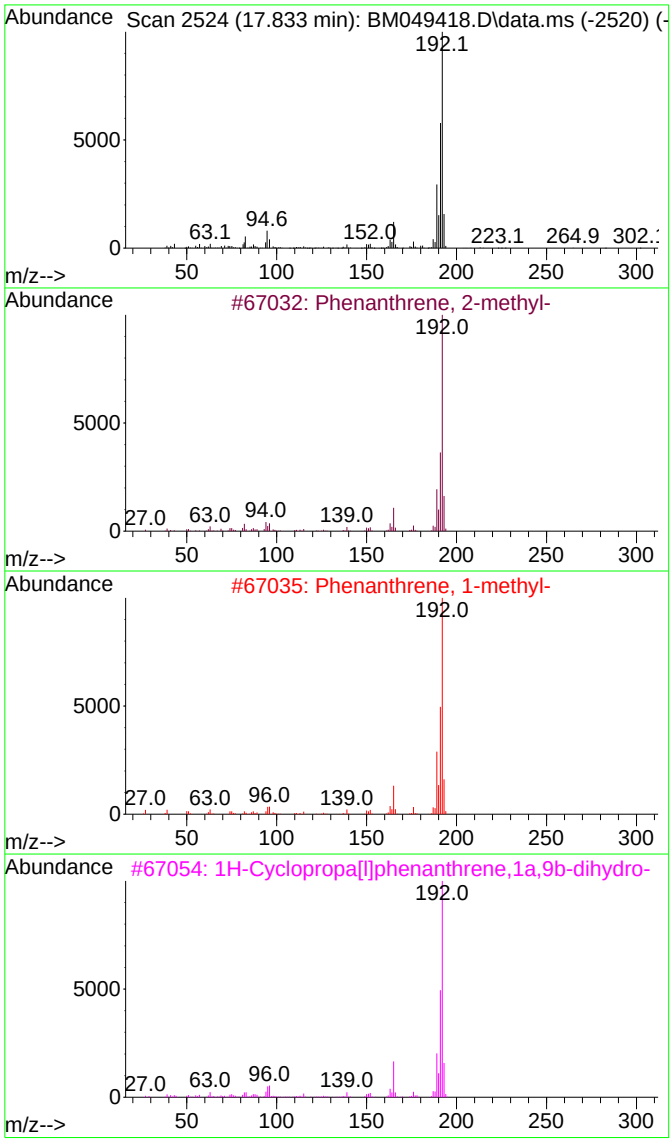
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

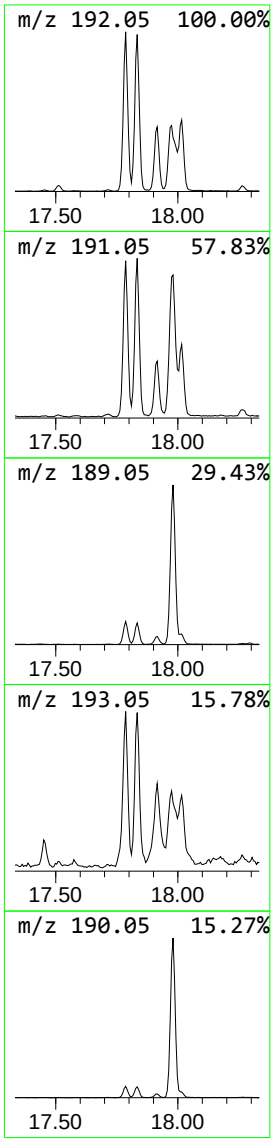
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	6.21 ng/ul	686972	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





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Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

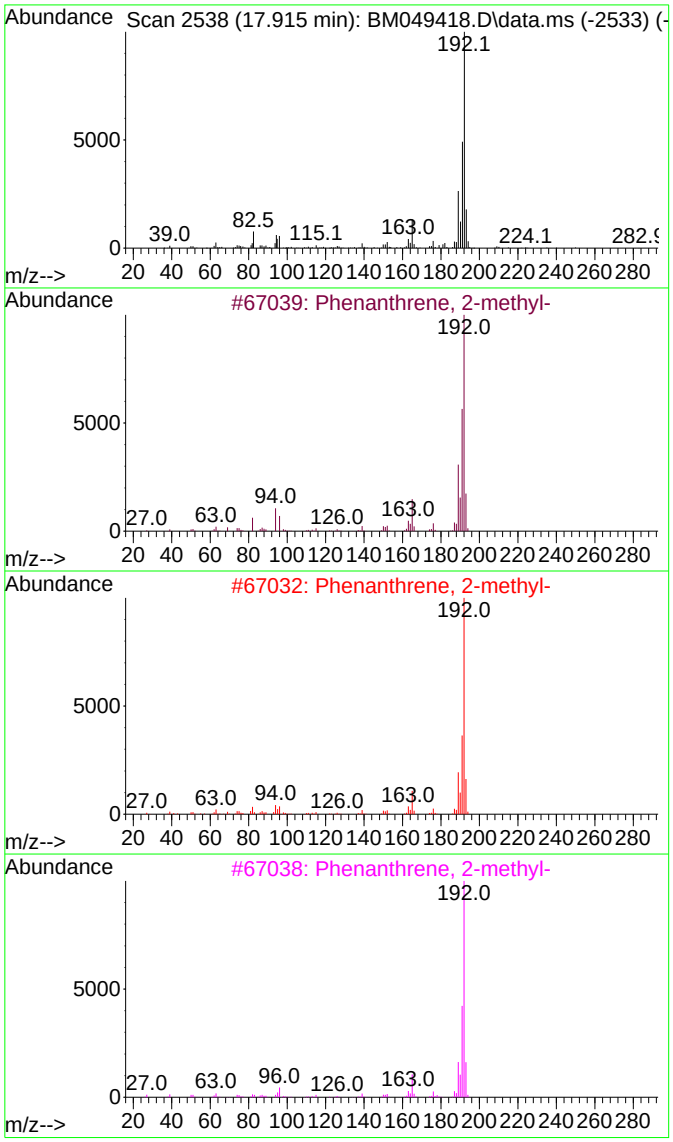
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

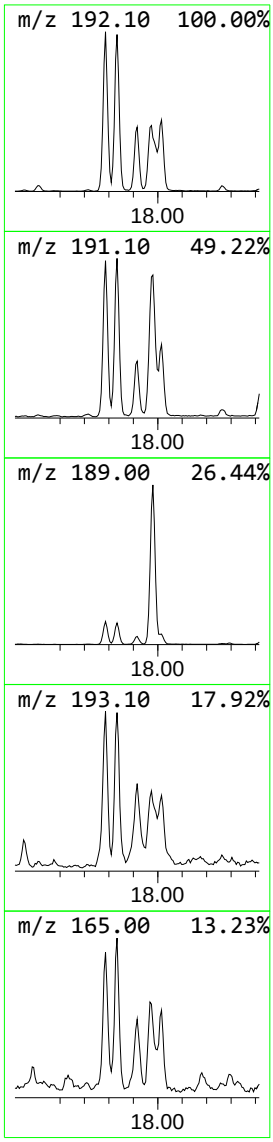
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	2.43 ng/ul	268839	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

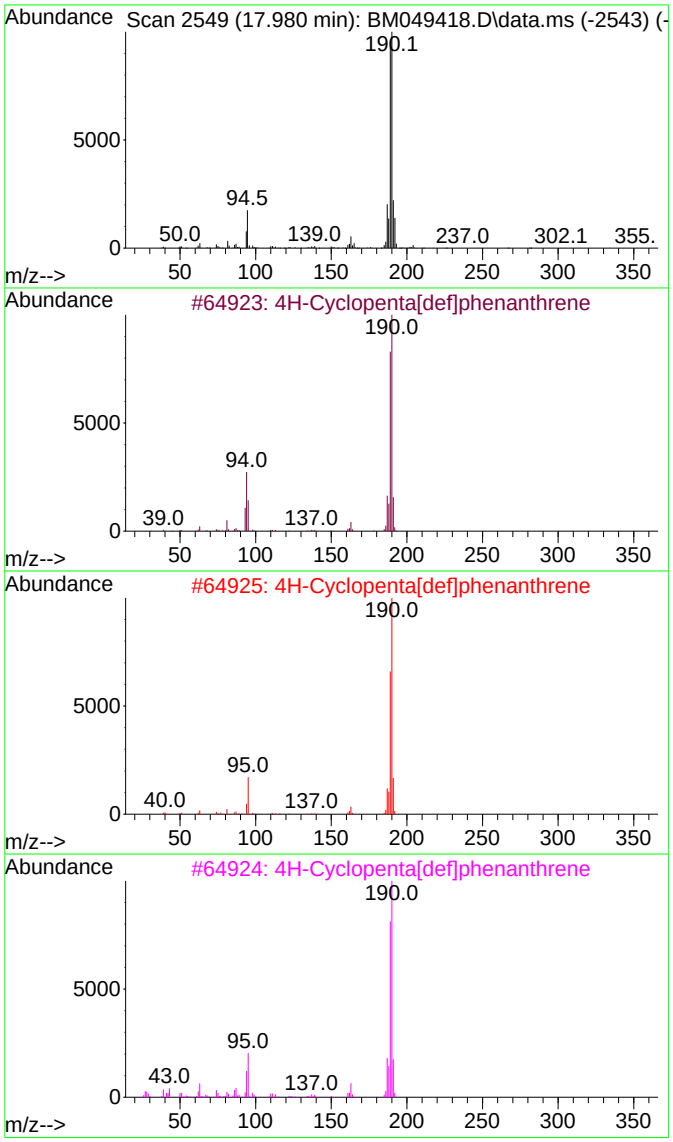
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

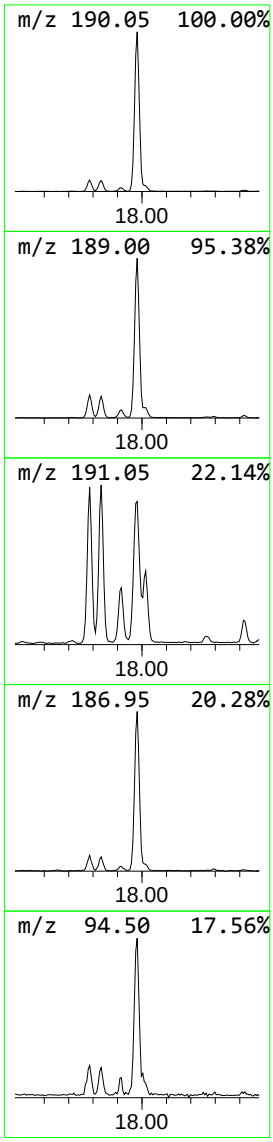
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	17.75 ng/ul	1963810	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





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Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

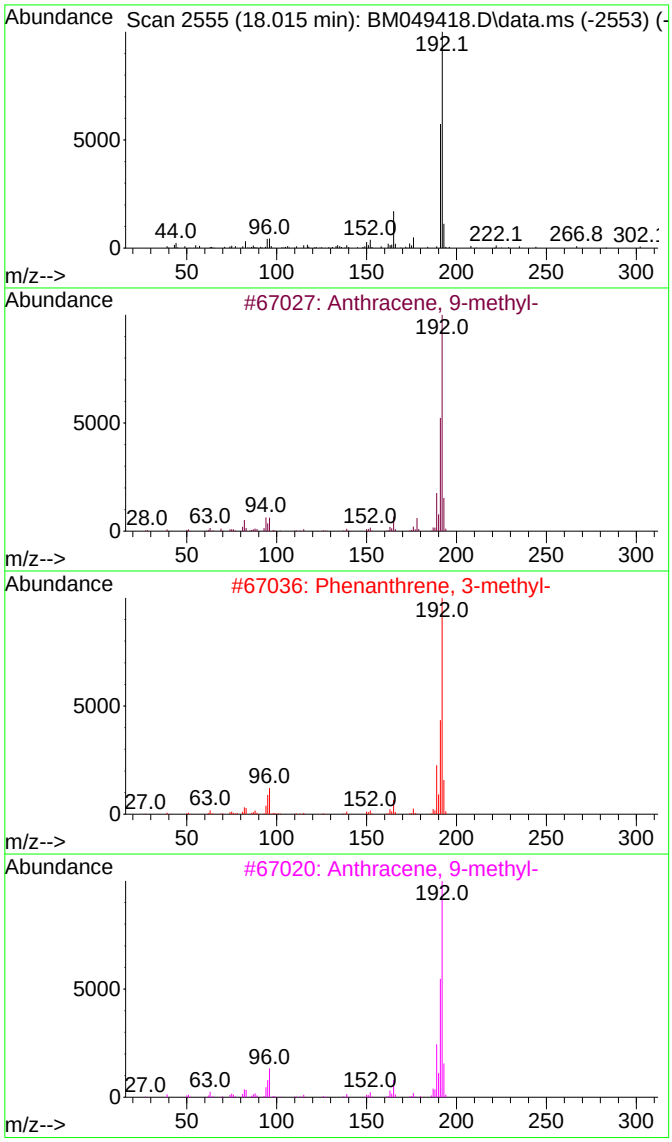
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

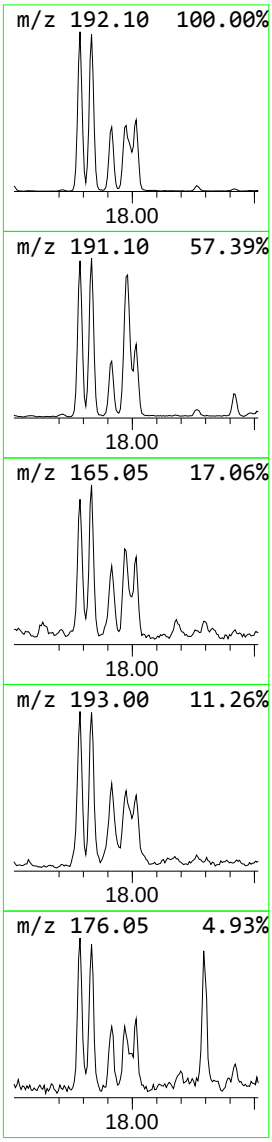
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	2.55 ng/ul	282126	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

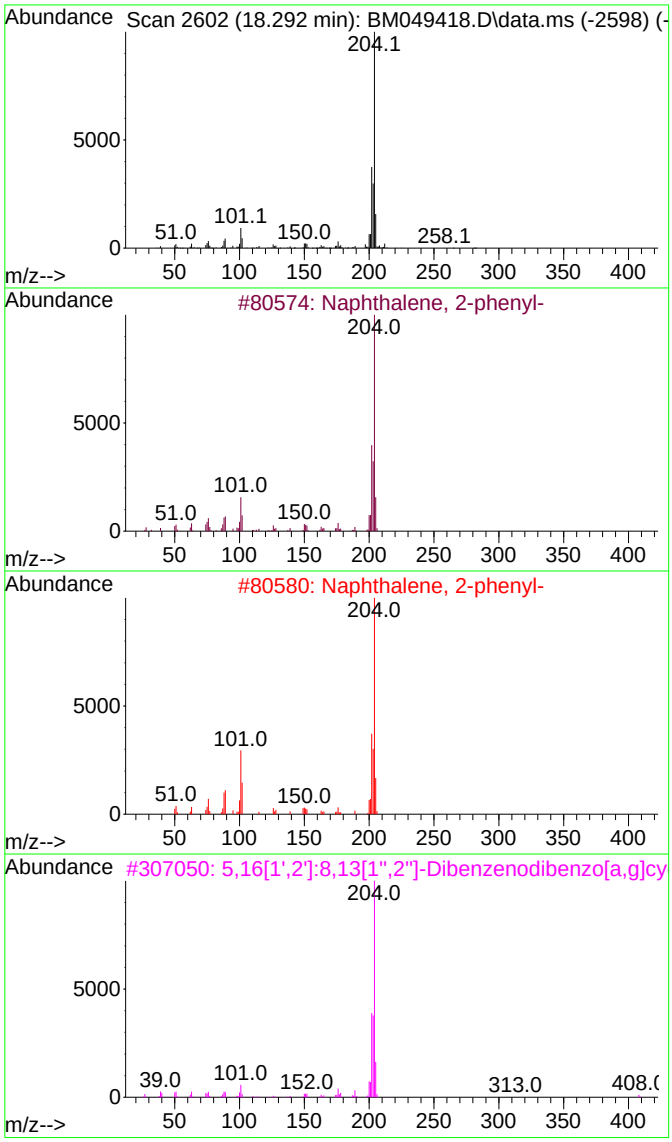
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

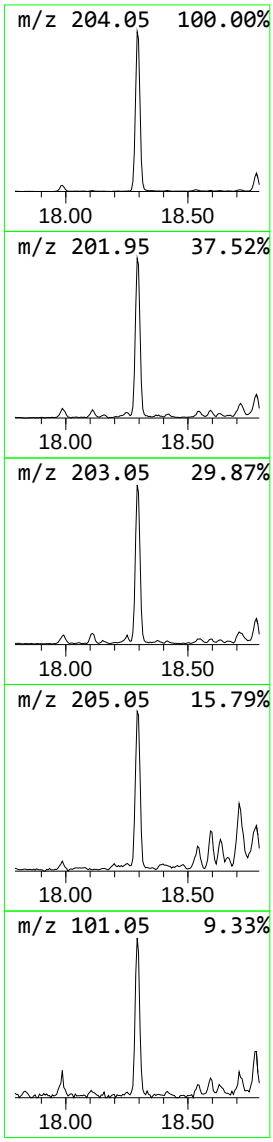
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	4.66 ng/ul	515876	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

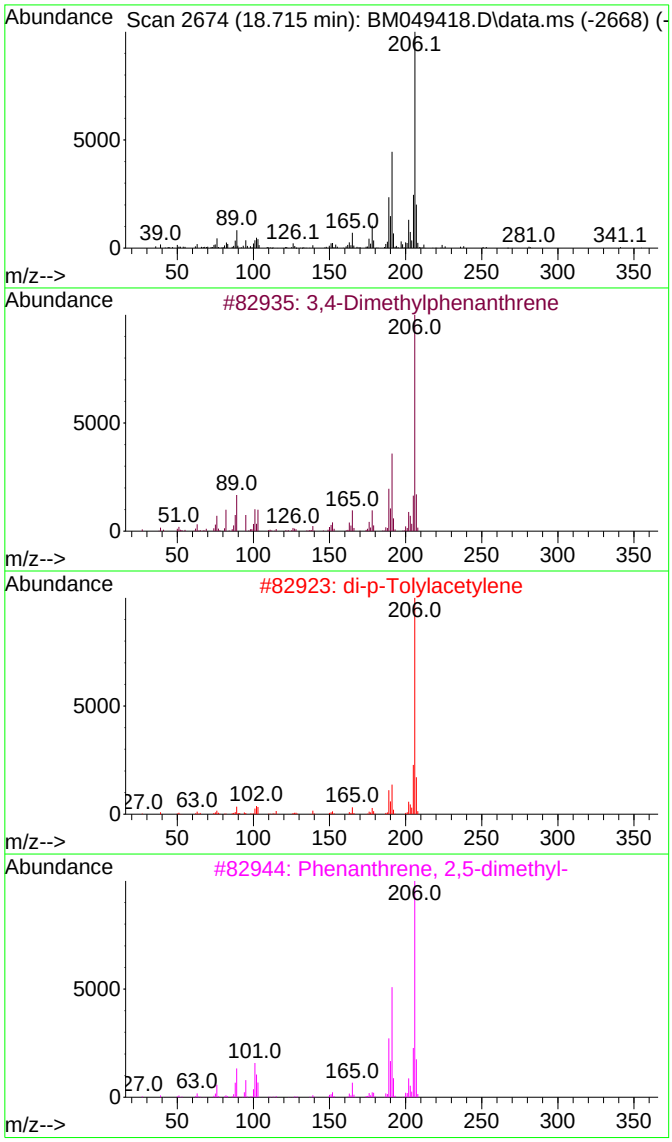
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

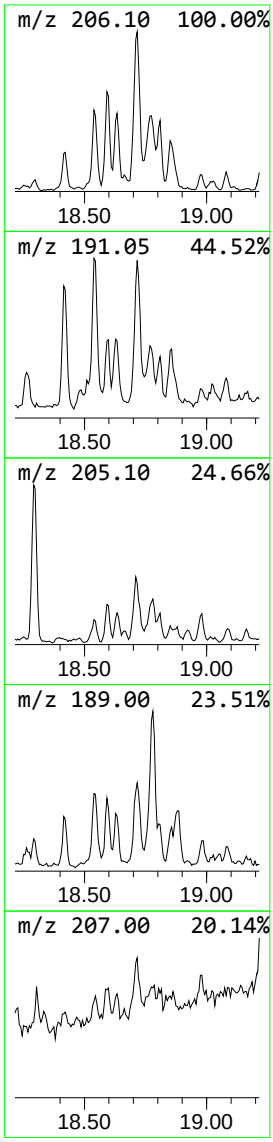
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3,4-Dimethylphenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	2.04 ng/ul	225509	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

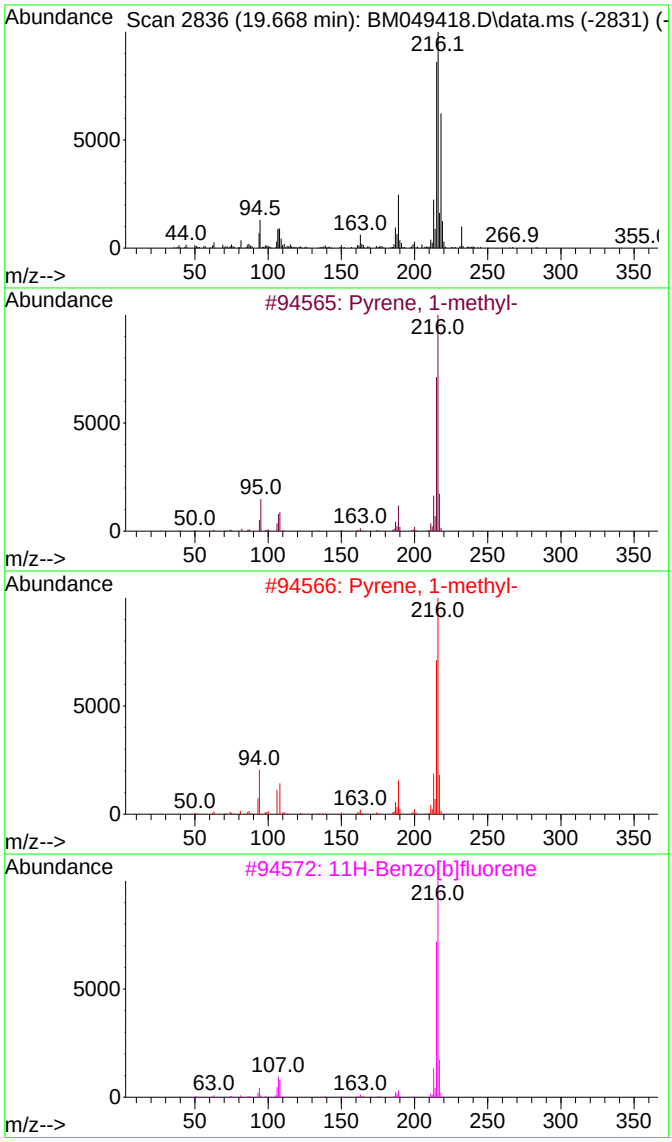
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

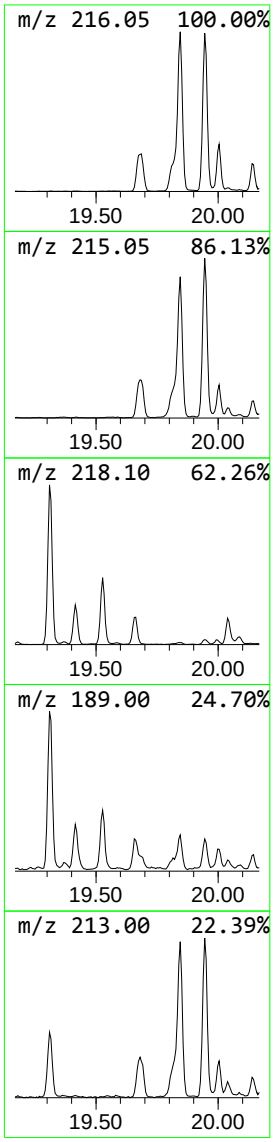
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.668	2.21 ng/ul	481586	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

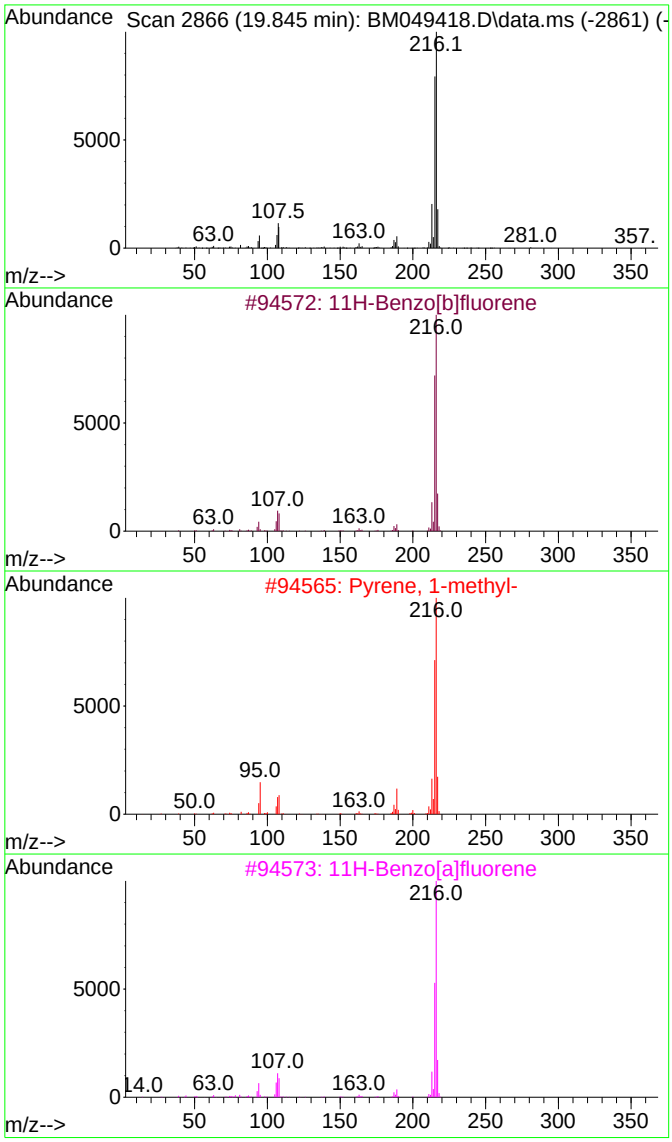
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

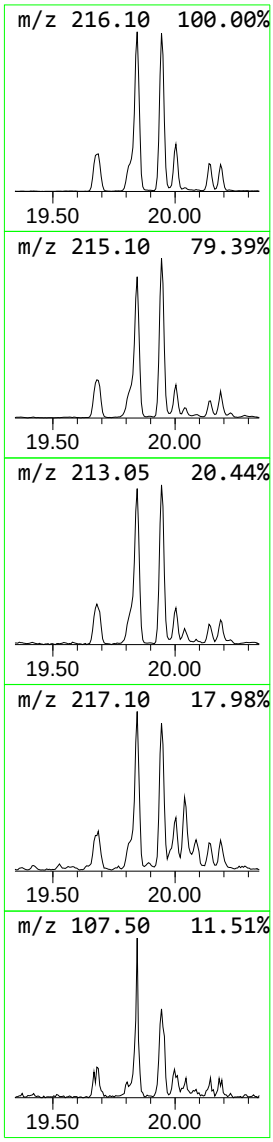
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	4.50 ng/ul	980648	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

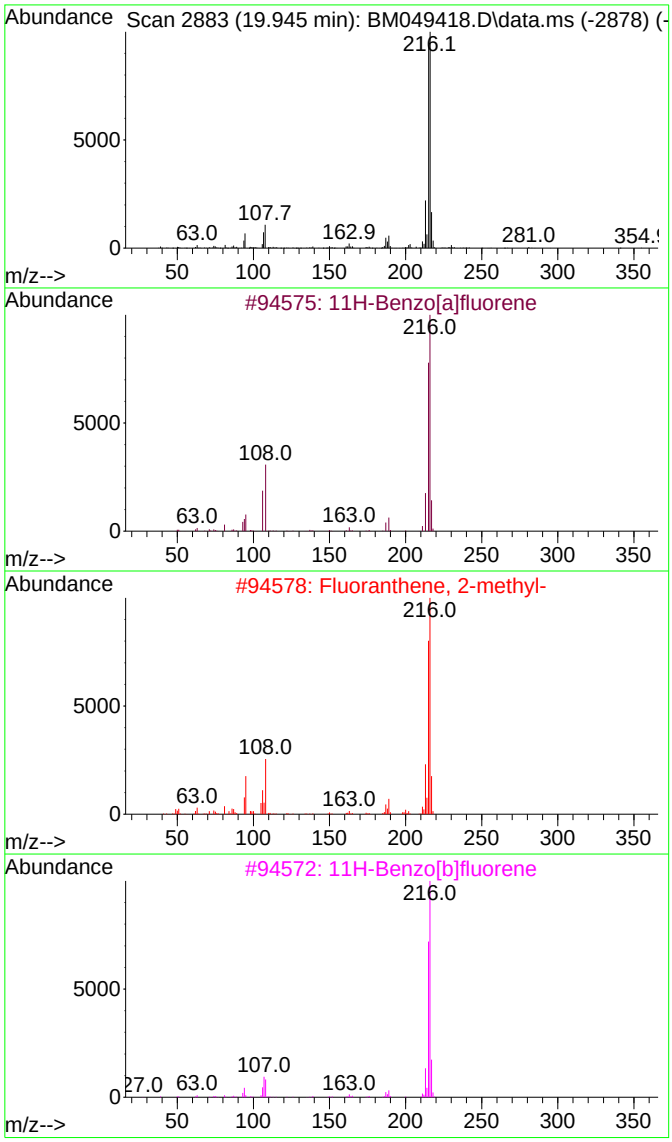
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

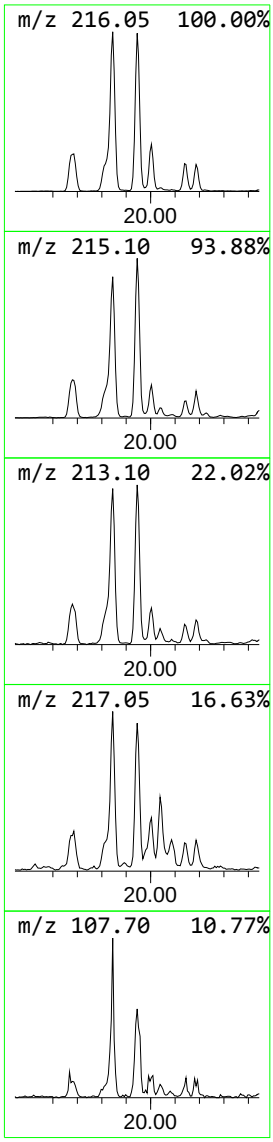
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	4.29 ng/ul	934538	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

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
Quinoline, 2-me...	12.081	3.3	ng/ul	256352	2	10.275	1576440	20.0
Dibenzo furan	14.557	7.2	ng/ul	737954	3	14.157	2058470	20.0
1,1'-Biphenyl, ...	15.457	3.8	ng/ul	386159	3	14.157	2058470	20.0
[1,1'-Biphenyl]...	15.510	5.3	ng/ul	550041	3	14.157	2058470	20.0
Dibenzofuran, 4...	15.657	4.6	ng/ul	504134	4	16.910	2212550	20.0
9H-Fluorene, 3-...	16.221	3.1	ng/ul	345821	4	16.910	2212550	20.0
Anthracene, 1,2...	16.663	2.9	ng/ul	322938	4	16.910	2212550	20.0
Dibenzothiophene	16.727	6.7	ng/ul	735660	4	16.910	2212550	20.0
Anthracene, 9-e...	17.439	2.2	ng/ul	243162	4	16.910	2212550	20.0
Phenanthrene, 2...	17.786	5.6	ng/ul	617239	4	16.910	2212550	20.0
Phenanthrene, 1...	17.833	6.2	ng/ul	686972	4	16.910	2212550	20.0
Anthracene, 1-m...	17.916	2.4	ng/ul	268839	4	16.910	2212550	20.0
4H-Cyclopenta[d...	17.980	17.8	ng/ul	1963810	4	16.910	2212550	20.0
Anthracene, 9-m...	18.015	2.5	ng/ul	282126	4	16.910	2212550	20.0
Naphthalene, 2-...	18.292	4.7	ng/ul	515876	4	16.910	2212550	20.0
3,4-Dimethylphe...	18.715	2.0	ng/ul	225509	4	16.910	2212550	20.0
Pyrene, 1-methyl-	19.668	2.2	ng/ul	481586	5	21.139	4354310	20.0
11H-Benzo[b]flu...	19.845	4.5	ng/ul	980648	5	21.139	4354310	20.0
11H-Benzo[a]flu...	19.945	4.3	ng/ul	934538	5	21.139	4354310	20.0