LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049407.D
Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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: BM049407.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	110	rBV	1016548	1563255	4.25%	0.629%
2	6.710	623	633	650	rVV	1321206	2134128	5.81%	0.858%
3	6.869	654	660	677	rVB	1123599	1711271	4.66%	0.688%
4	7.057	686	692	702	rVB	1378147	2117408	5.76%	0.851%
5	7.516	763	770	780	rBV	1530441	2359292	6.42%	0.949%
6	8.228	884	891	902	rBV	1590662	2526817	6.88%	1.016%
7	8.663	957	965	979	rBV	1195656	1952857	5.31%	0.785%
8	9.375	1077	1086	1101	rBV	965837	1602062	4.36%	0.644%
9	9.910	1166	1177	1190	rBV	1595295	2609372	7.10%	1.049%
10	10.281	1232	1240	1246	rBV	1932762	3208834	8.73%	1.290%
11	10.422	1255	1264	1278	rBV	1106439	2087854	5.68%	0.839%
12	12.080	1538	1546	1556	rBV	217247	410015	1.12%	0.165%
13	13.463	1773	1781	1790	rBV	116180	322316	0.88%	0.130%
14	13.580	1794	1801	1807	rBV	2525689	3412709	9.29%	1.372%
15	13.692	1812	1820	1827	rVB	110870	276153	0.75%	0.111%
16	13.845	1840	1846	1859	rVB	2862058	4359446	11.86%	1.753%
17	14.157	1891	1899	1905	rVV	2927212	4130990	11.24%	1.661%
18	14.221	1905	1910	1919	rVB	200033	314102	0.85%	0.126%
19	14.386	1930	1938	1947	rBV	728455	1309511	3.56%	0.527%
20	14.557	1960	1967	1975	rVV2	247091	433289	1.18%	0.174%
21	14.704	1985	1992	2001	rVV	156312	401069	1.09%	0.161%
22	15.157	2063	2069	2074	rVV	3555784	4940641	13.44%	1.987%
23	15.210	2074	2078	2083	rVV	691052	996475	2.71%	0.401%
24	15.286	2083	2091	2097	rVV2	462716	790680	2.15%	0.318%
25	15.374	2103	2106	2112	rVV4	156794	270830	0.74%	0.109%
26	15.533	2124	2133	2140	rVV2	1544123	2791275	7.59%	1.122%
27	15.657	2148	2154	2161	rVV	477014	895418	2.44%	0.360%
28	15.727	2161	2166	2175	rVB3	154130	357312	0.97%	0.144%
29	15.886	2185	2193	2199	rBV4	215672	458188	1.25%	0.184%
30	16.092	2221	2228	2232	rBV2	251459	408582	1.11%	0.164%
31	16.221	2239	2250	2255	rBV4	320319	912768	2.48%	0.367%
32	16.268	2255	2258	2263	rVV2	218951	327284	0.89%	0.132%
33	16.368	2270	2275	2280	rVB3	225483	400543	1.09%	0.161%
34	16.451	2286	2289	2292	rVV	413856	540050	1.47%	0.217%
35	16.492	2292	2296	2299	rVV2	468014	652003	1.77%	0.262%
36	16.568	2306	2309	2317	rVB3	153677	328363	0.89%	0.132%

LSC Area Percent Report

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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	16.645	2317	2322	2329	rBV2	511423	1109513	3.02%	0.446%
38	16.727	2332	2336	2340	rVB	353074	436719	1.19%	0.176%
39	16.910	2361	2367	2371	rBV	3280507	4610809	12.55%	1.854%
40	16.951	2371	2374	2379	rVV	1982787	2642610	7.19%	1.063%
41	17.010	2379	2384	2387	rVV	3898482	5607485	15.26%	2.255%
42	17.045	2387	2390	2395	rVV	3106340	4016908	10.93%	1.615%
43	17.104	2395	2400	2406	rVV2	500697	802735	2.18%	0.323%
44	17.315	2432	2436	2440	rBV	543335	774387	2.11%	0.311%
45	17.433	2452	2456	2462	rVV	729579	984345	2.68%	0.396%
46	17.492	2462	2466	2475	rVV2	210879	383050	1.04%	0.154%
47	17.786	2507	2516	2520	rBV	2101801	2985825	8.12%	1.201%
48	17.839	2520	2525	2531	rVV2	1565264	2240356	6.10%	0.901%
49	17.915	2532	2538	2543	rVV	1193780	1798575	4.89%	0.723%
50	17.980	2543	2549	2553	rVV2	4611571	7315132	19.90%	2.941%
51	18.015	2553	2555	2563	rVB	1022089	1241401	3.38%	0.499%
52	18.298	2593	2603	2607	rBV	1740037	2726469	7.42%	1.096%
53	18.421	2620	2624	2630	rVB	245690	305549	0.83%	0.123%
54	18.545	2641	2645	2650	rVB	366428	472576	1.29%	0.190%
55	18.598	2650	2654	2657	rBV	364537	454237	1.24%	0.183%
56	18.633	2657	2660	2663	rVB	265954	309814	0.84%	0.125%
57	18.715	2669	2674	2679	rBV2	626274	1060979	2.89%	0.427%
58	18.780	2679	2685	2688	rBV3	555486	839406	2.28%	0.338%
59	18.809	2688	2690	2694	rVB2	283599	303517	0.83%	0.122%
60	18.856	2694	2698	2700	rBV	283660	395795	1.08%	0.159%
61	18.986	2713	2720	2725	rBV2	23927714	36753222	100.00%	14.778%
62	19.051	2725	2731	2734	rVV	277082	364771	0.99%	0.147%
63	19.080	2734	2736	2740	rVV2	274986	349067	0.95%	0.140%
64	19.127	2740	2744	2748	rVB2	361384	449539	1.22%	0.181%
65	19.221	2755	2760	2765	rBV	666901	959883	2.61%	0.386%
66	19.321	2771	2777	2778	rBV	8983781	11913089	32.41%	4.790%
67	19.351	2778	2782	2790	rVV	18520127	28203516	76.74%	11.340%
68	19.415	2790	2793	2801	rVB2	858571	1357651	3.69%	0.546%
69	19.527	2807	2812	2818	rBV	1416124	1736524	4.72%	0.698%
70	19.586	2819	2822	2827	rVB	268193	386142	1.05%	0.155%
71	19.680	2830	2838	2843	rBV2	1041929	2627138	7.15%	1.056%
72	19.809	2855	2860	2862	rBV4	740927	1209821	3.29%	0.486%
73	19.845	2862	2866	2871	rVB	3774675	4958655	13.49%	1.994%
74	19.945	2878	2883	2887	rBV	3984271	5157605	14.03%	2.074%
75	20.003	2887	2893	2897	rVV2	1313967	2229561	6.07%	0.896%
76	20.045	2897	2900	2904	rVB	571733	691146	1.88%	0.278%

LSC Area Percent Report

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Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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

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Peak separation: 5

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

77	20.086	2904	2907	2913	rVB	347188	418367	1.14%	0.168%
78	20.139	2913	2916	2920	rBV	500895	625309	1.70%	0.251%
79	20.186	2920	2924	2929	rBV2	662330	1027982	2.80%	0.413%
80	20.474	2970	2973	2977	rVB3	227771	361847	0.98%	0.145%
81	20.556	2983	2987	2992	rBV2	401590	734794	2.00%	0.295%
82	20.762	3018	3022	3025	rBV	846602	1102511	3.00%	0.443%
83	20.803	3025	3029	3032	rVV	1274180	1768272	4.81%	0.711%
84	20.839	3032	3035	3036	rVV	862459	1015341	2.76%	0.408%
85	20.856	3036	3038	3054	rVB5	998851	1911609	5.20%	0.769%
86	21.127	3078	3084	3090	rBV2	6685789	13676314	37.21%	5.499%
87	21.180	3090	3093	3102	rVB	5637511	7458470	20.29%	2.999%
88	21.309	3111	3115	3125	rVB	1102007	1729891	4.71%	0.696%
89	21.492	3142	3146	3154	rVB2	325832	664066	1.81%	0.267%
90	21.786	3192	3196	3200	rVB	452737	698583	1.90%	0.281%
91	21.845	3203	3206	3210	rVB	220934	289097	0.79%	0.116%
92	21.962	3224	3226	3231	rVB	233630	286085	0.78%	0.115%
93	22.021	3232	3236	3239	rVV	304535	496798	1.35%	0.200%
94	22.062	3239	3243	3249	rVB	503054	796906	2.17%	0.320%
95	23.050	3403	3411	3417	rBV	1695804	4631739	12.60%	1.862%
96	23.268	3443	3448	3455	rVB	297360	564749	1.54%	0.227%
97	23.662	3509	3515	3520	rBV	751238	1567783	4.27%	0.630%
98	23.727	3520	3526	3532	rVV	1632468	3500172	9.52%	1.407%
99	23.786	3532	3536	3542	rVB	929815	1738518	4.73%	0.699%
100	23.915	3551	3558	3565	rBV2	1785819	4159189	11.32%	1.672%

Sum of corrected areas: 248703076

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049407.D
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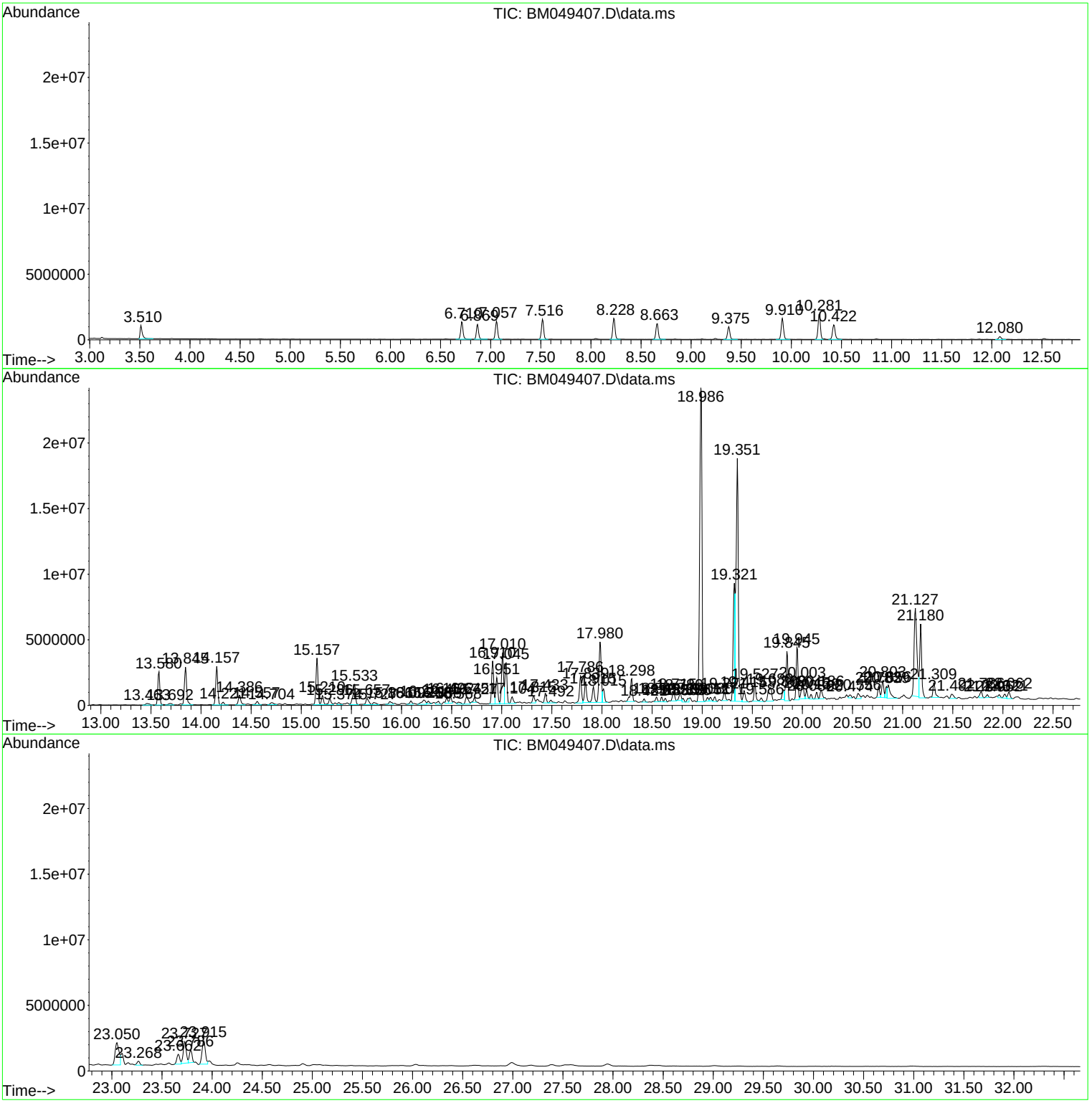
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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 : BM049407.D
Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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

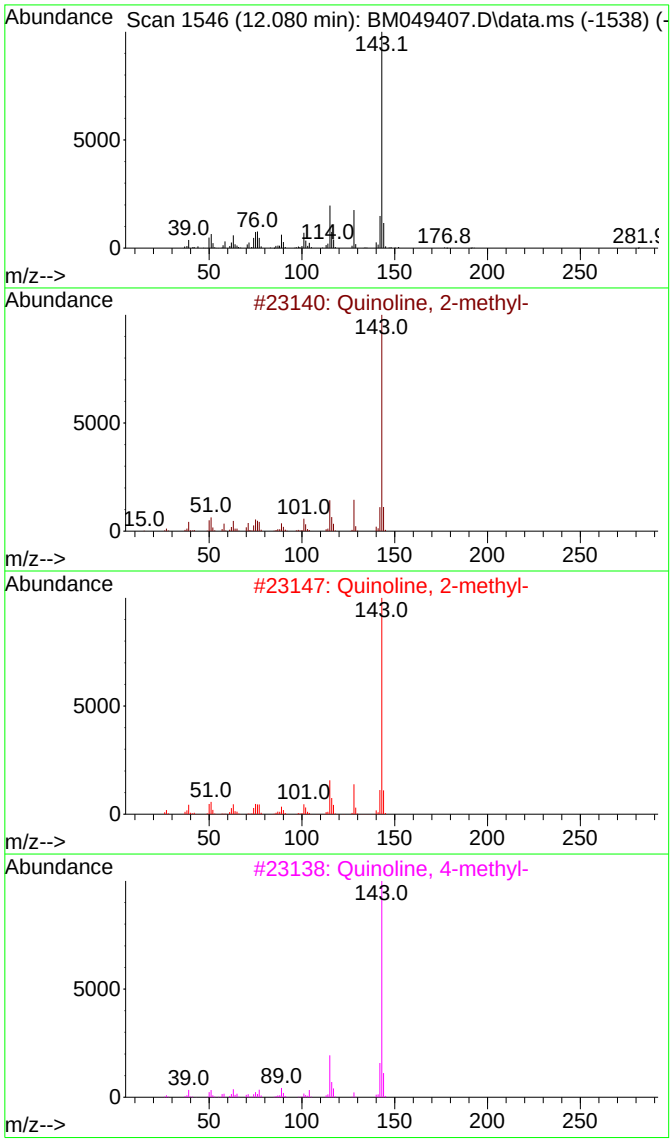
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

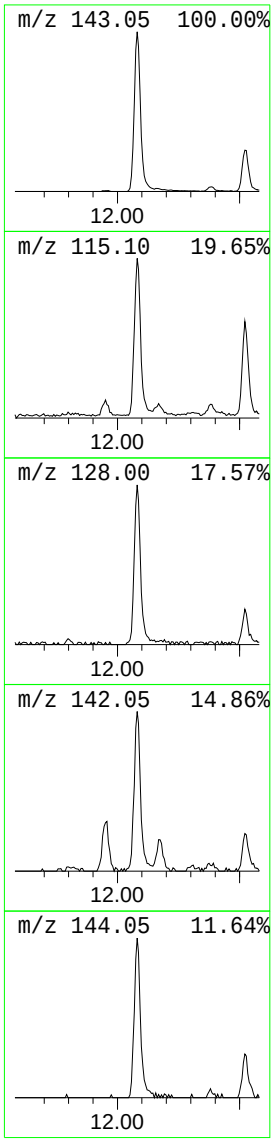
****

Peak Number 1 Quinoline, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	2.56 ng/ul	410015	Naphthalene-d8	10.281

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	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049407.D
Acq On : 23 Jan 2025 07:06
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Misc :
ALS Vial : 29 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

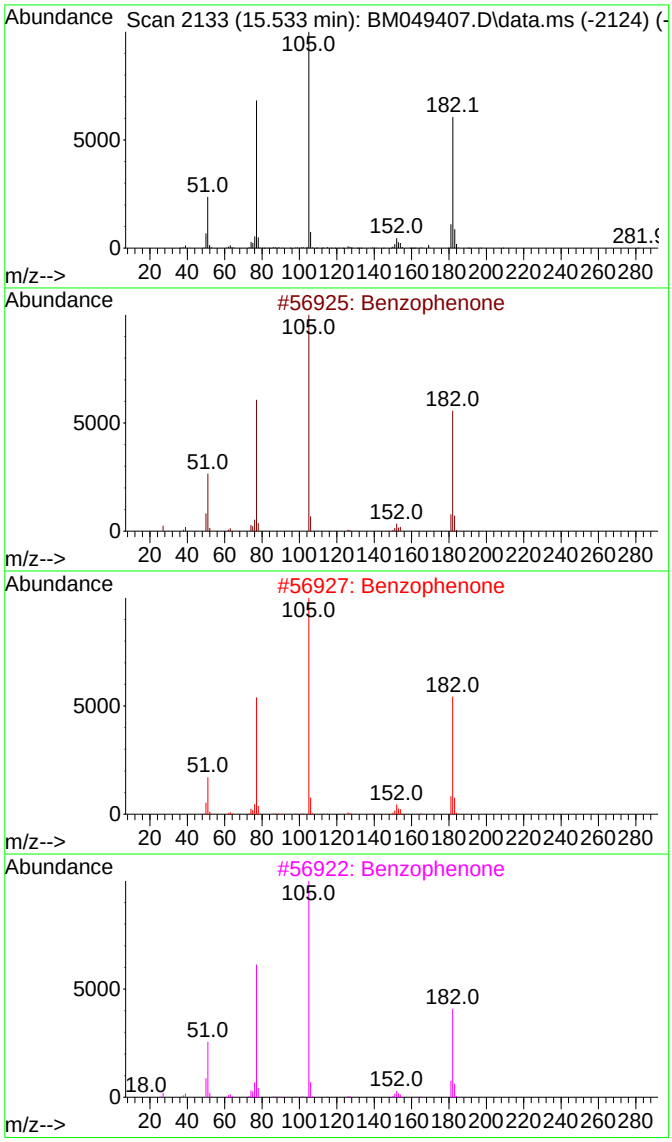
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

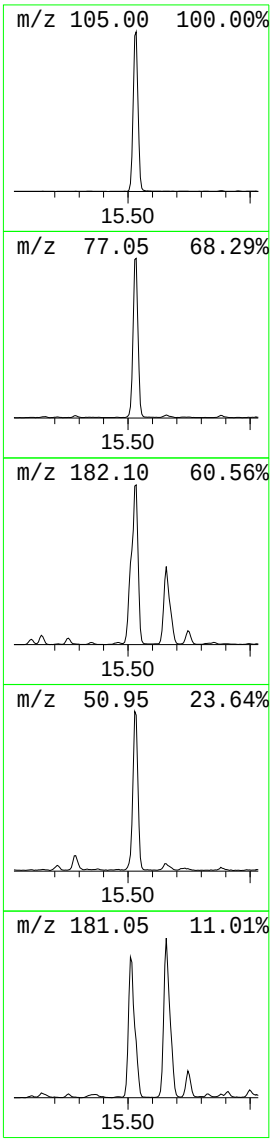
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	12.11 ng/ul	2791280	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	90





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Acq On : 23 Jan 2025 07:06
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

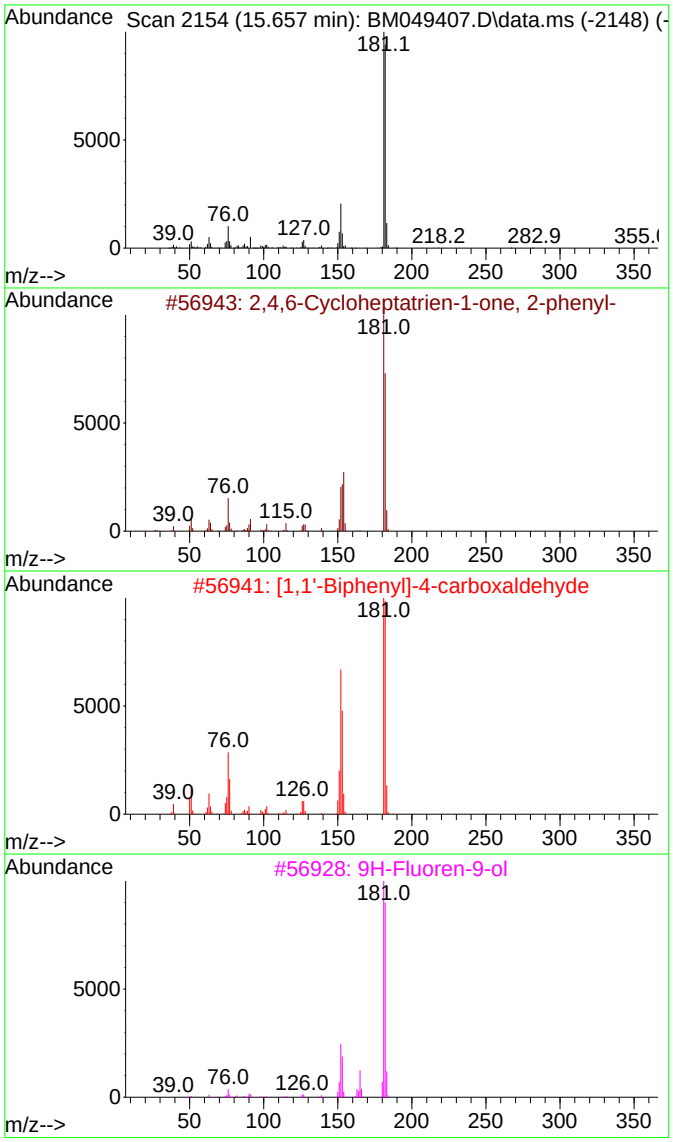
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

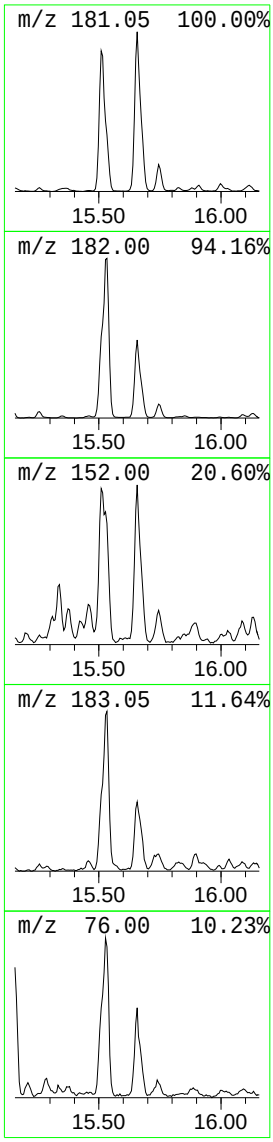
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	3.88 ng/ul	895418	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	64





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Acq On : 23 Jan 2025 07:06
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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

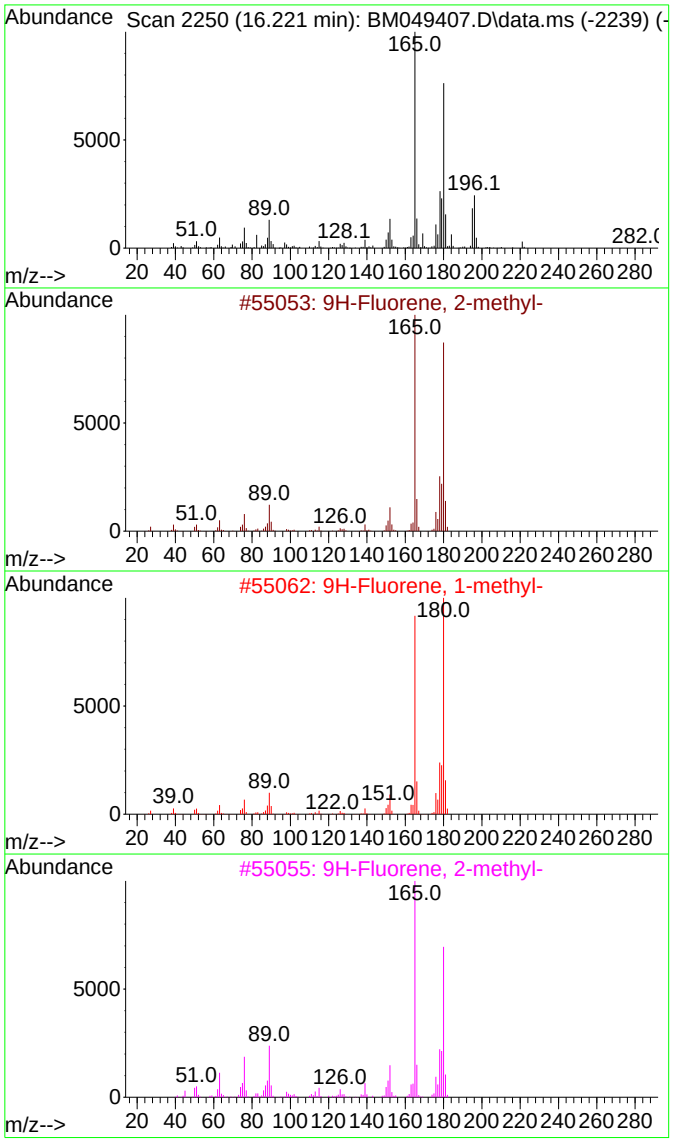
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

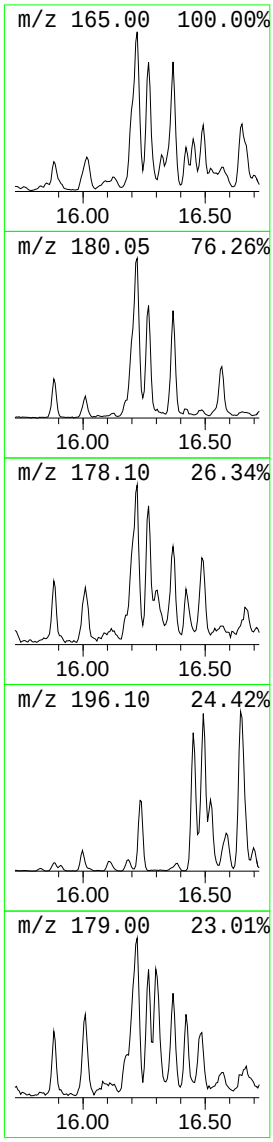
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	3.96 ng/ul	912768	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049407.D
Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

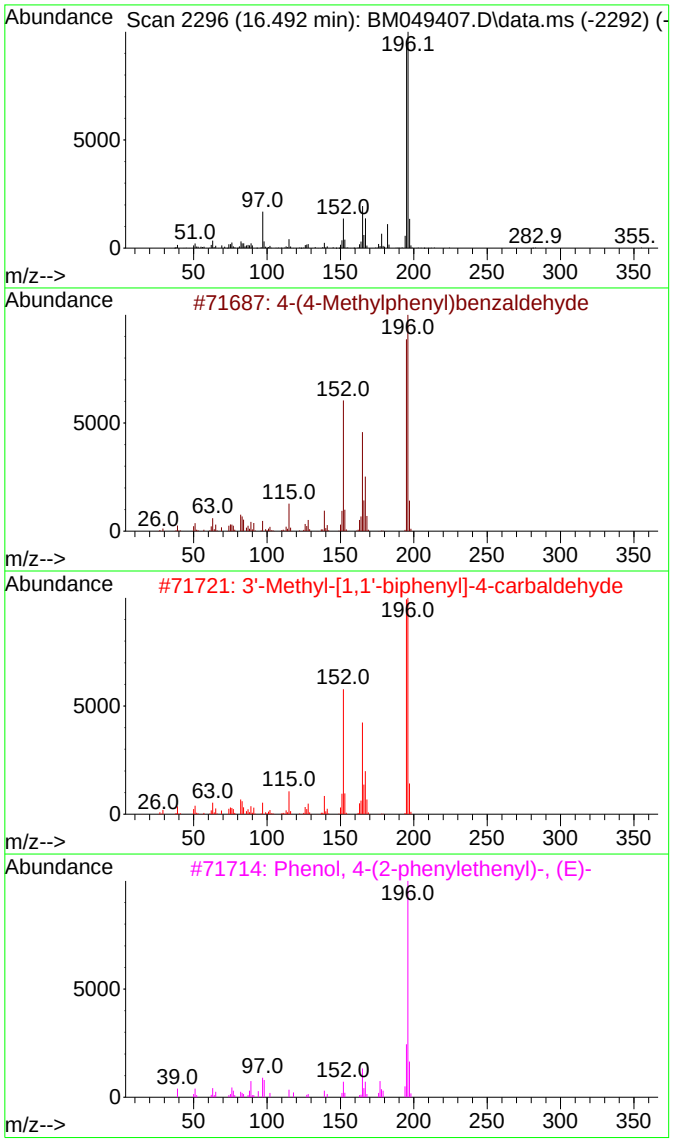
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

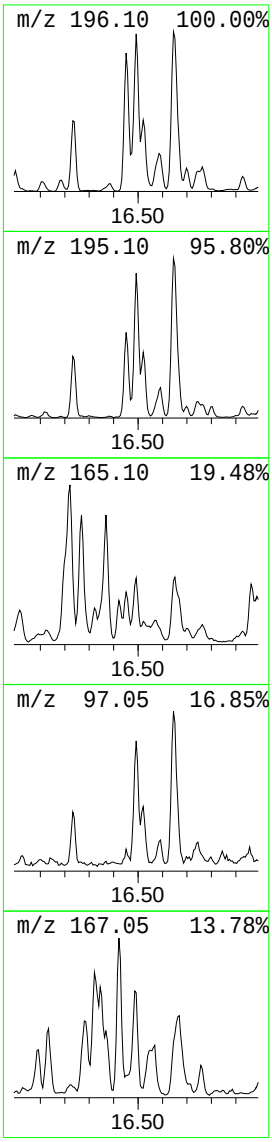
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-(4-Methylphenyl)benzaldehyde Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	2.83 ng/ul	652003	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	93
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	93
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	64
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	64
5	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	58





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Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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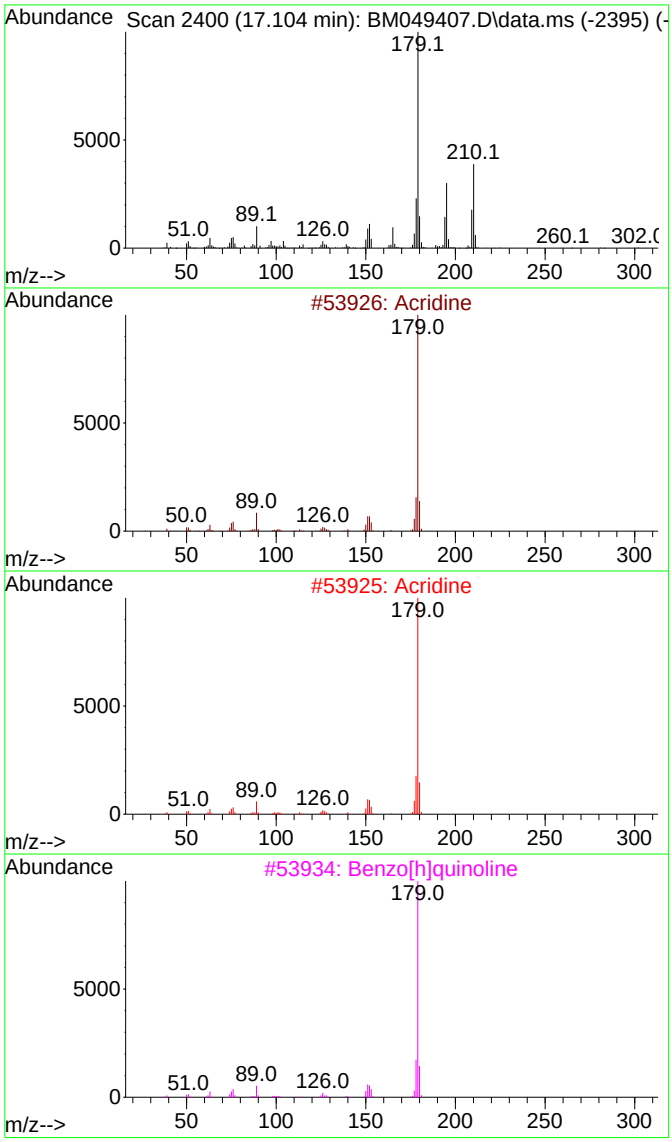
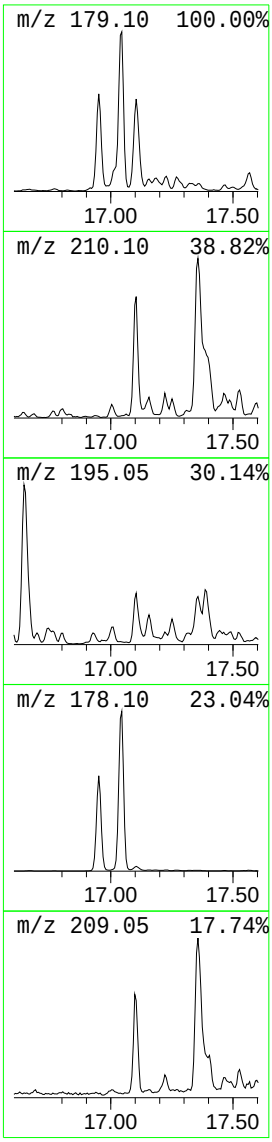
Peak Number 9 Acridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	3.48 ng/ul	802735	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	91
2	Acridine	179	C13H9N	000260-94-6	91
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	87
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	70
5	Phenanthridine	179	C13H9N	000229-87-8	64





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Sample : Q1139-13
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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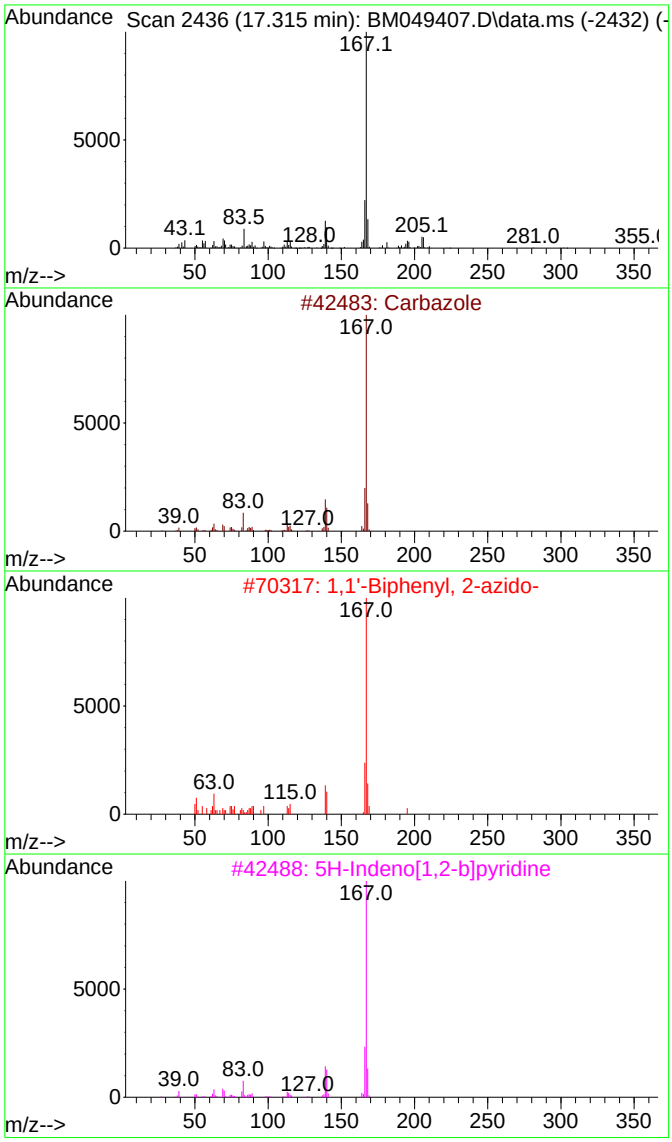
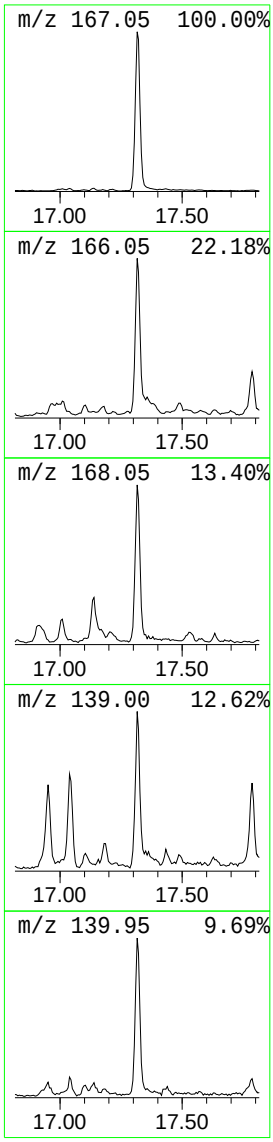
Peak Number 10 Carba zole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	3.36 ng/ul	774387	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	93
2	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	90
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	83





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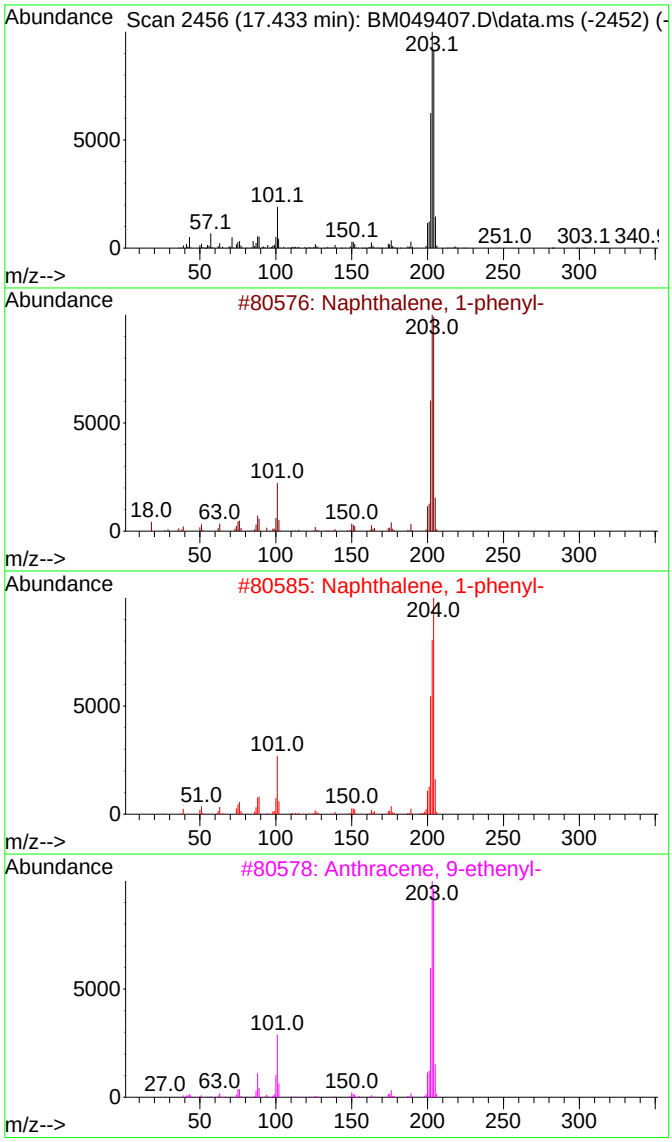
Quant Title : SVOA CALIBRATION

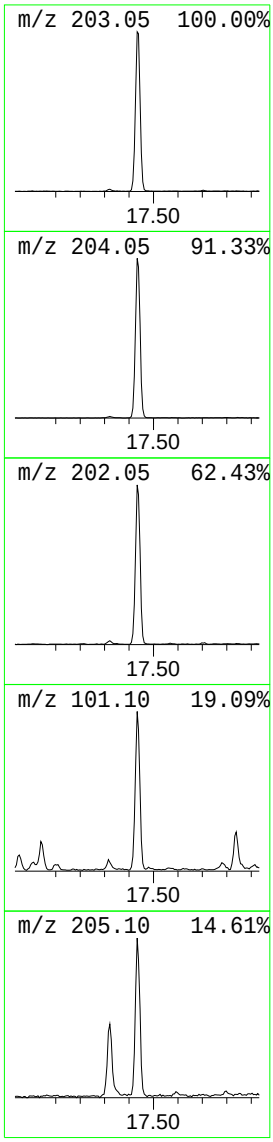
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	4.27 ng/ul	984345	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	94
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	81
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81





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Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

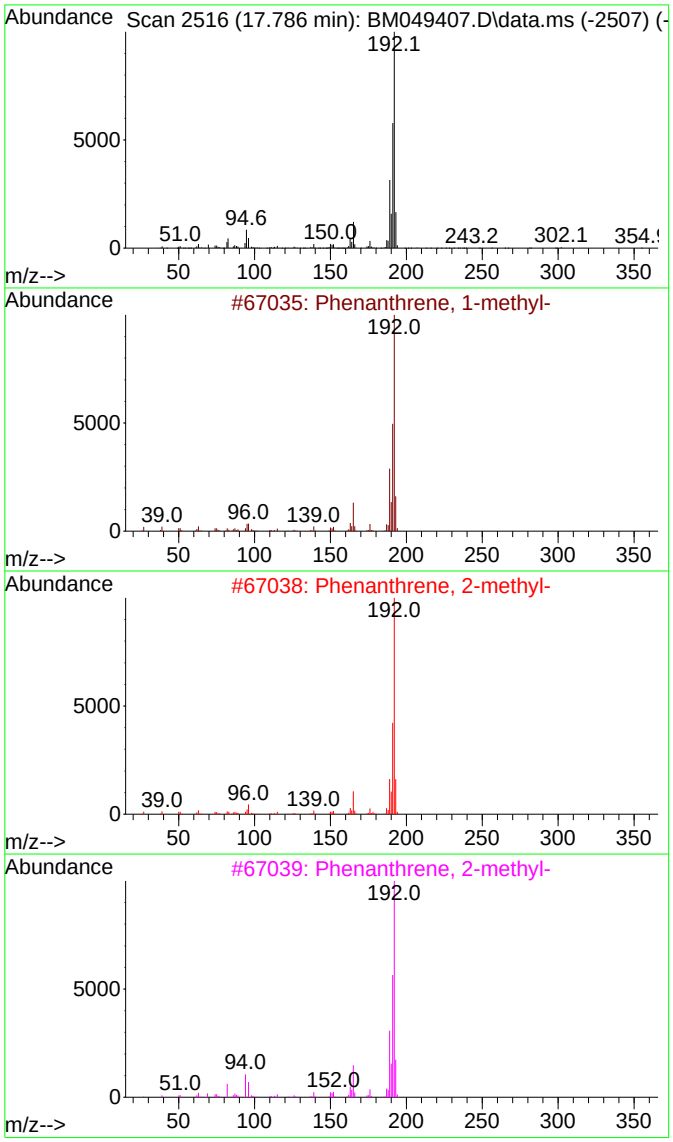
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

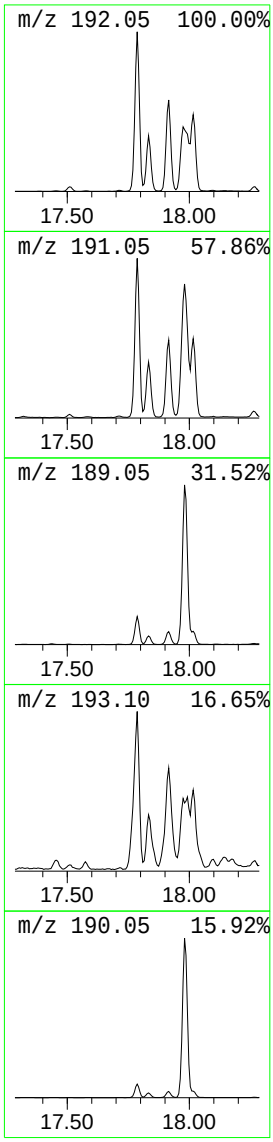
****

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	12.95 ng/ul	2985830	Phenanthrene-d10	16.910

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	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

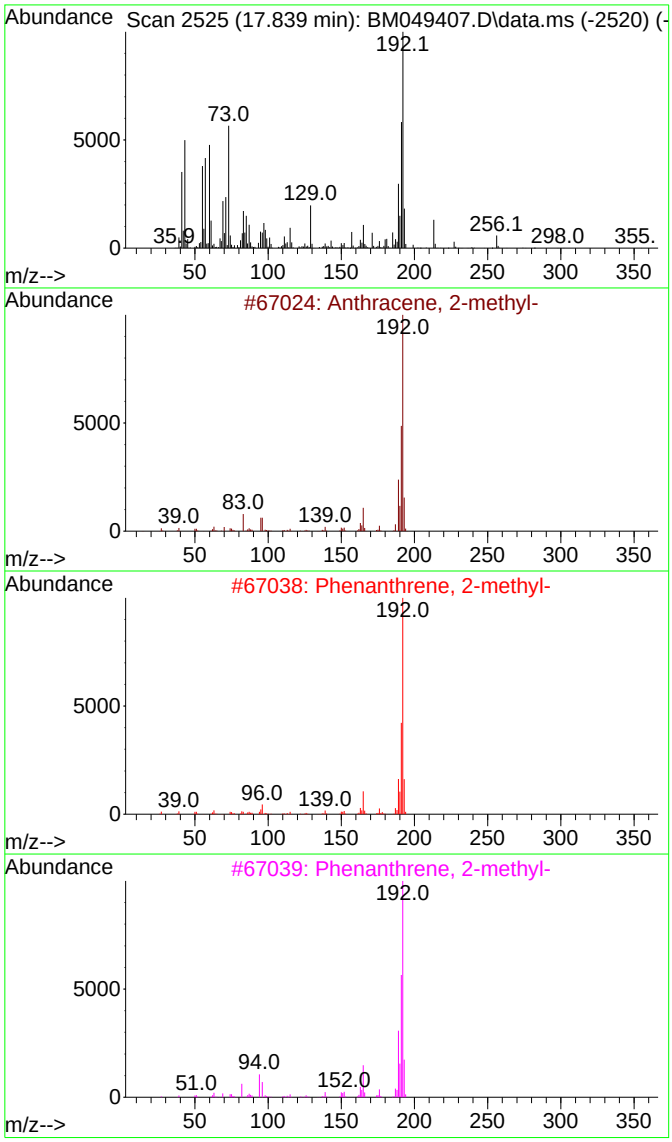
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

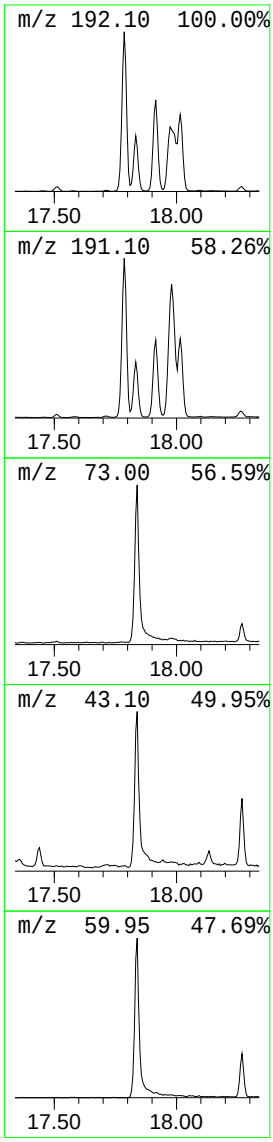
****

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	9.72 ng/ul	2240360	Phenanthrene-d10	16.910

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





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Misc :
ALS Vial : 29 Sample Multiplier: 1

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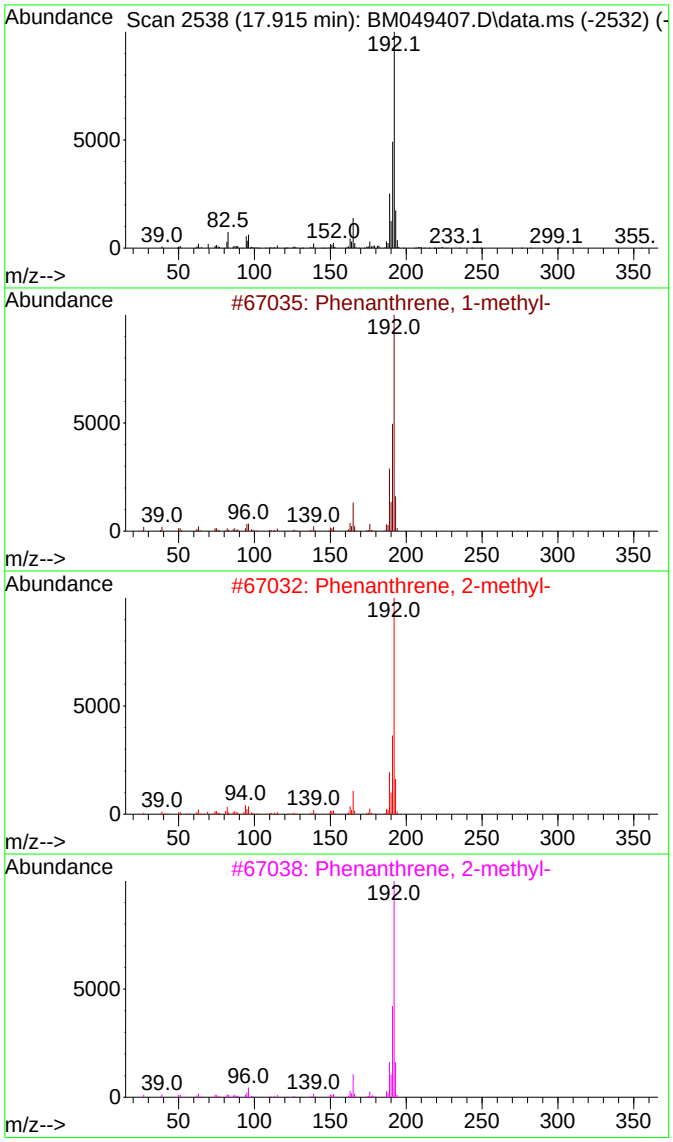
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

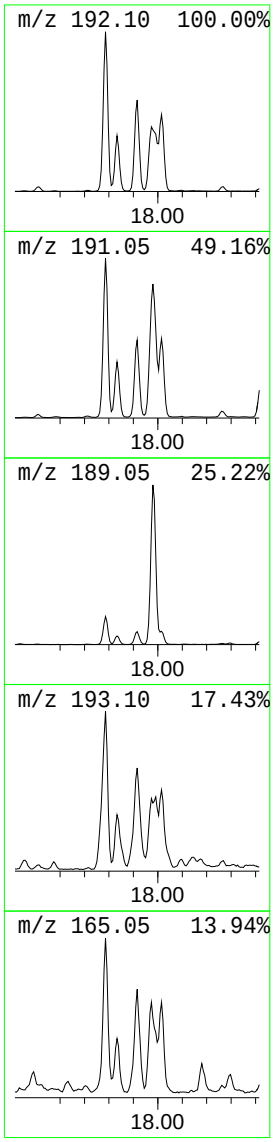
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	7.80 ng/ul	1798580	Phenanthrene-d10	16.910

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	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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Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZJ0

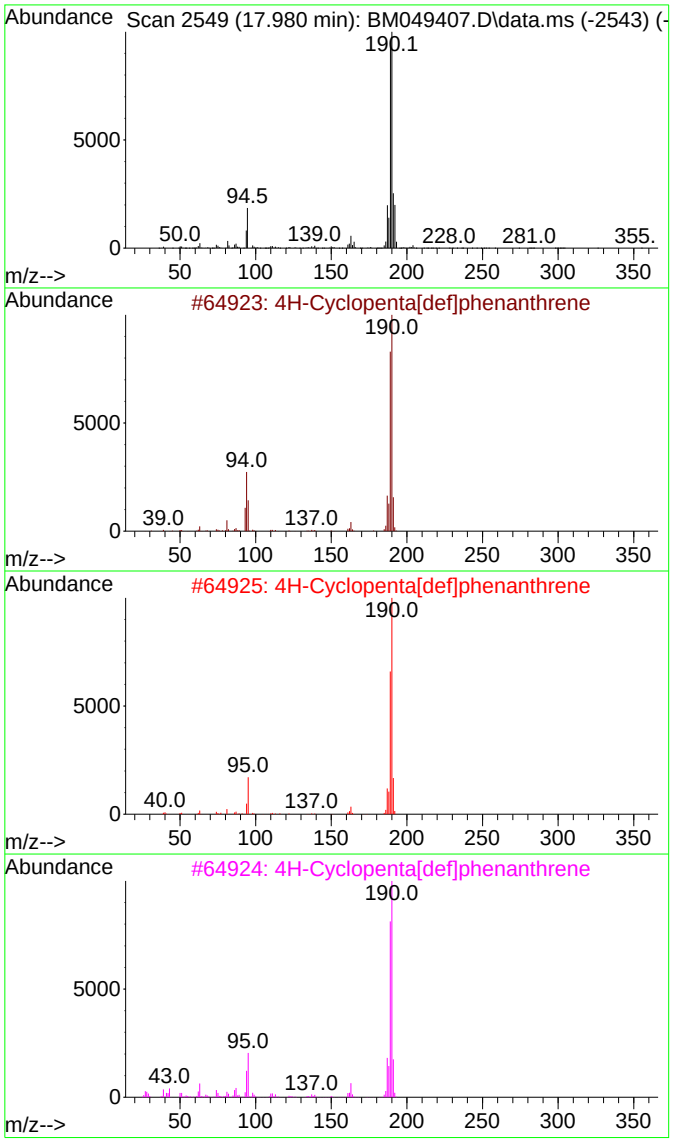
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

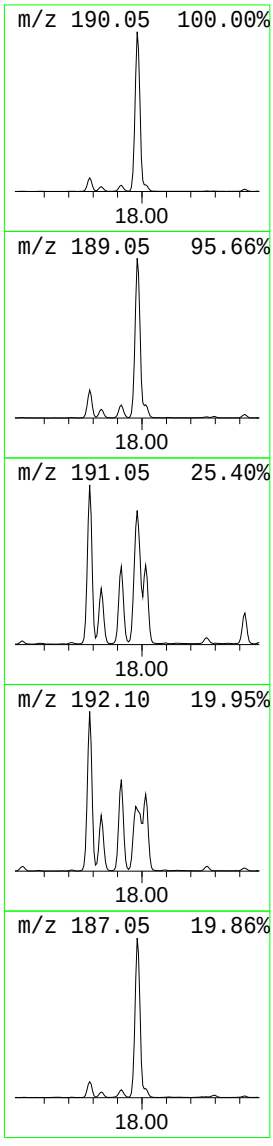
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	31.73 ng/ul	7315130	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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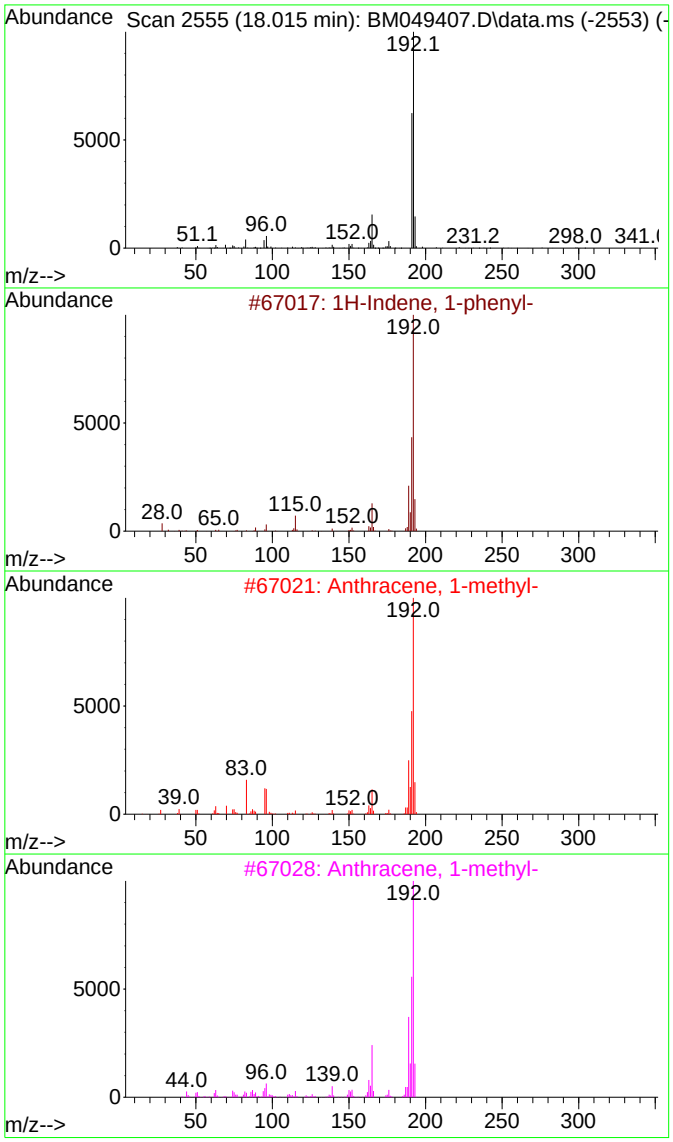
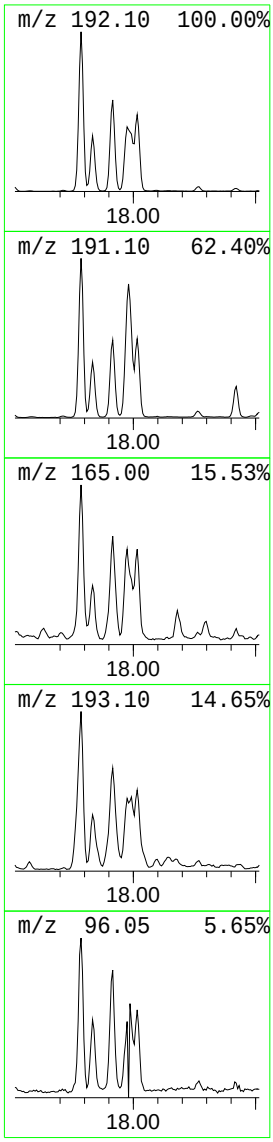
Peak Number 16 1H-Indene, 1-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	5.38 ng/ul	1241400	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Quant Title : SVOA CALIBRATION

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

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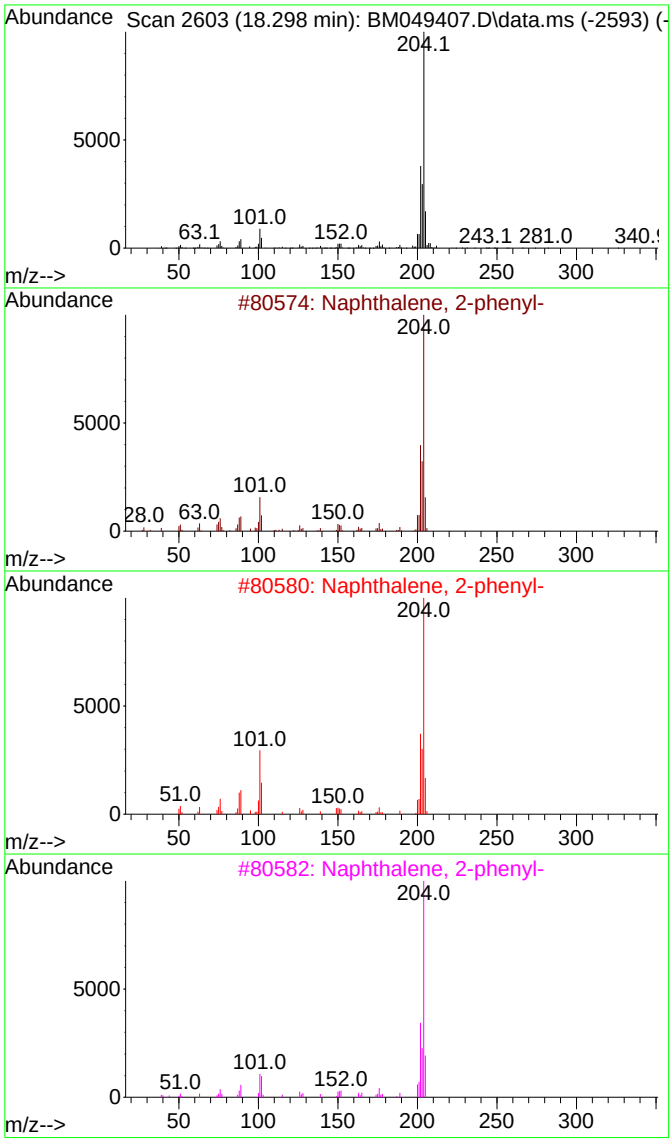
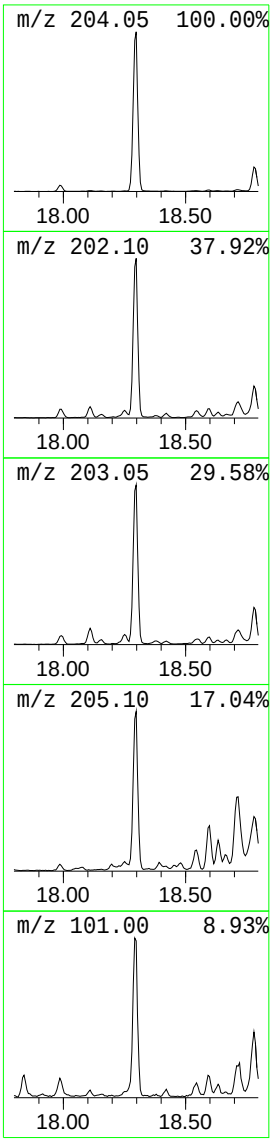
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	11.83 ng/ul	2726470	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91





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ALS Vial : 29 Sample Multiplier: 1

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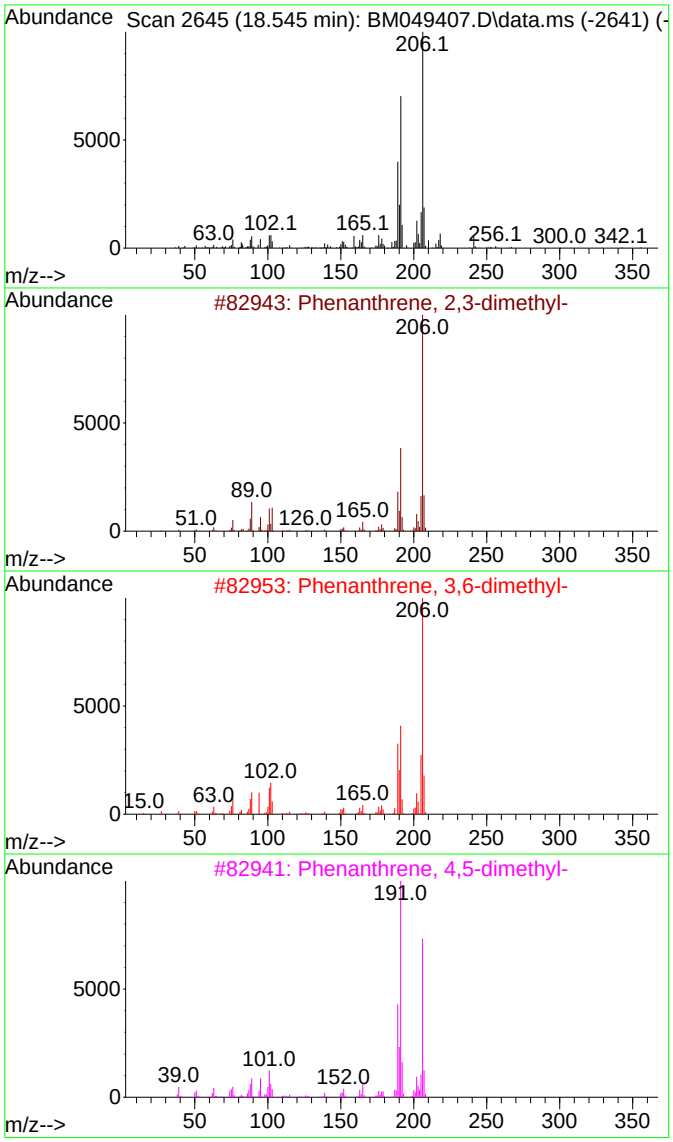
Quant Title : SVOA CALIBRATION

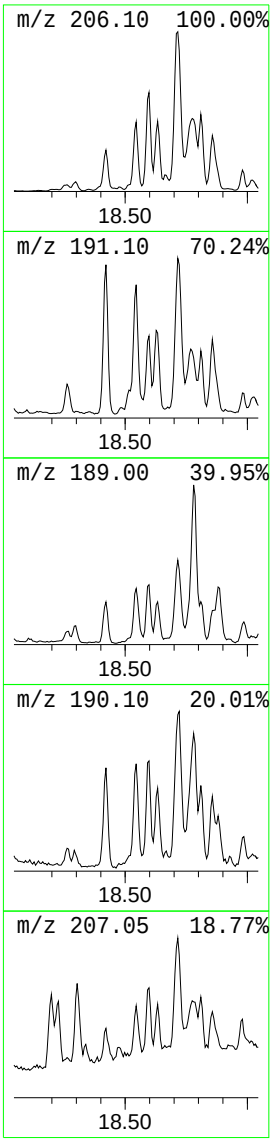
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	2.05 ng/ul	472576	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	78





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Quant Title : SVOA CALIBRATION

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

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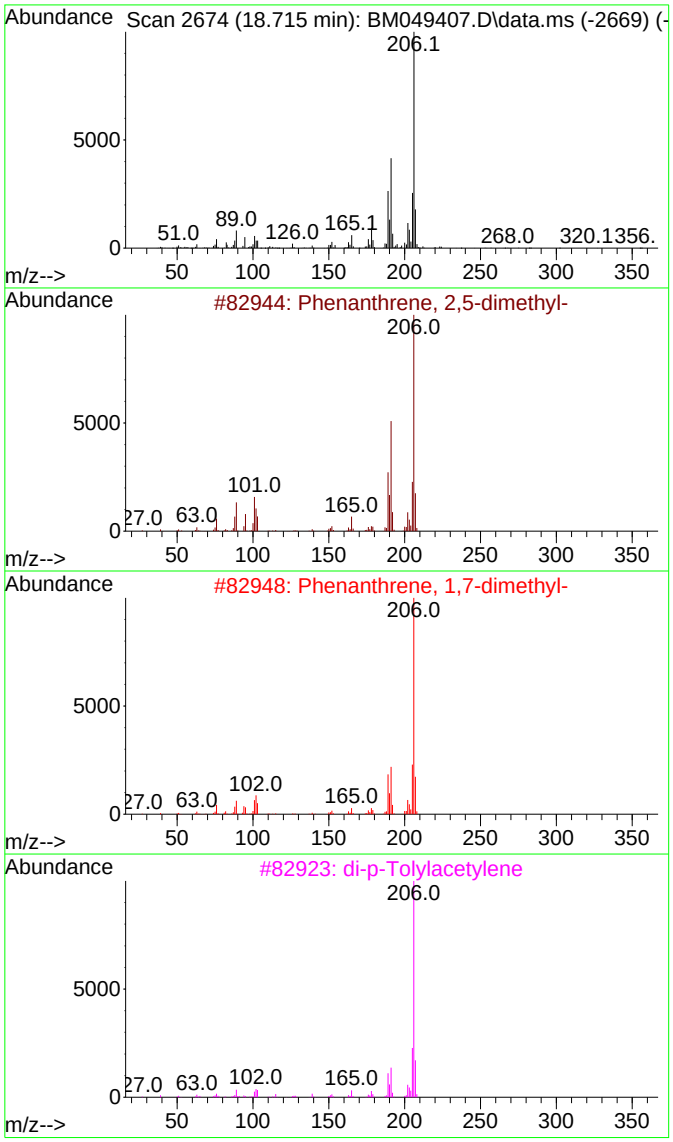
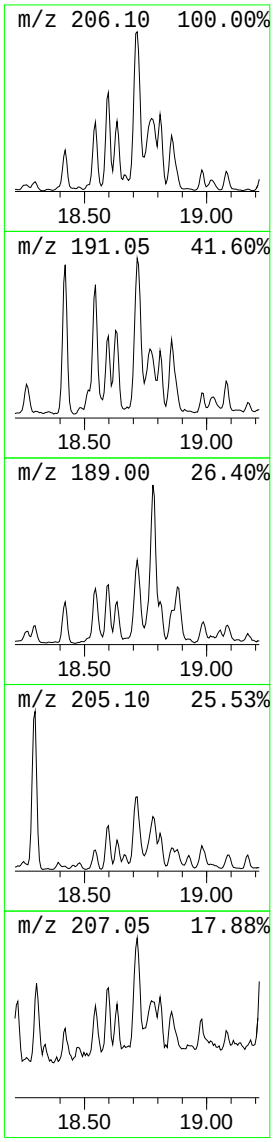
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	4.60 ng/ul	1060980	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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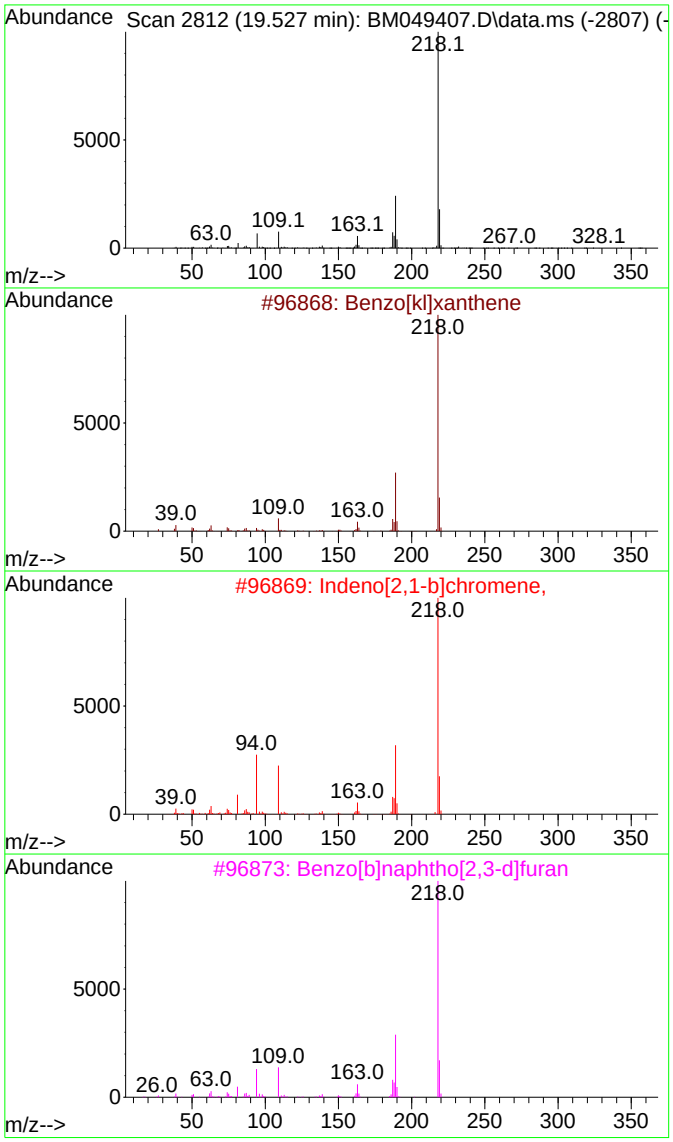
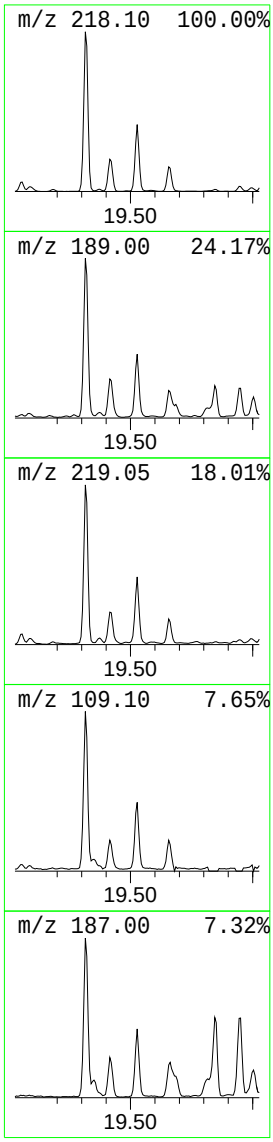
Peak Number 21 Benzo[kl]xanthene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	2.54 ng/ul	1736520	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	94
2	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	94





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Data File : BM049407.D
Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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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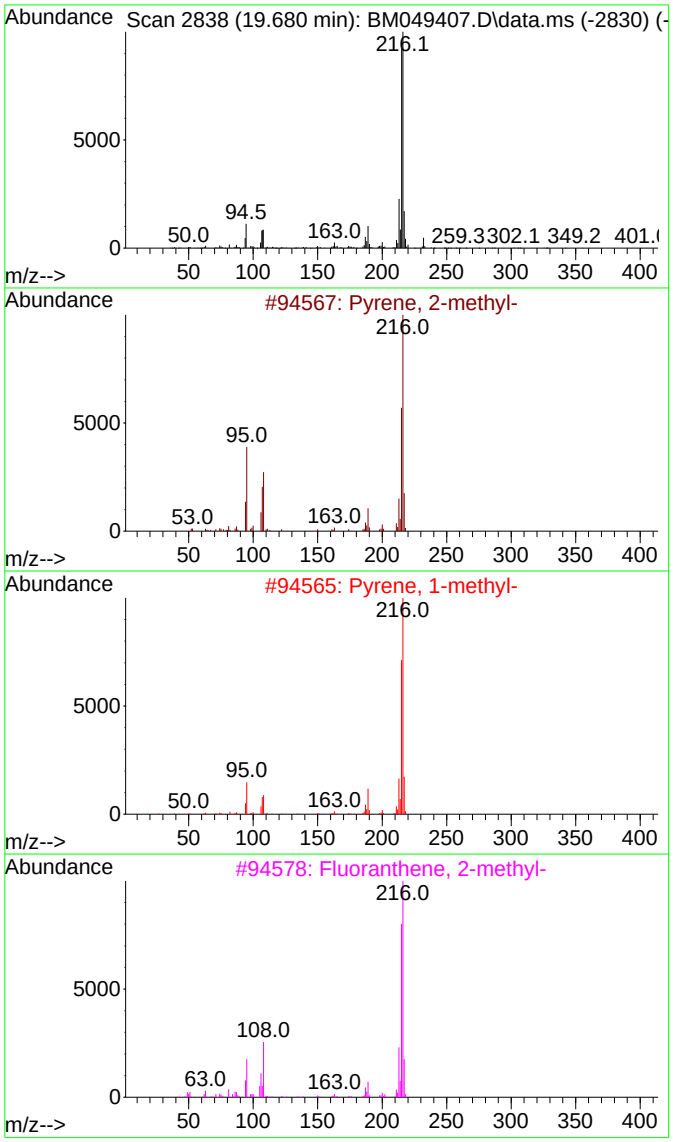
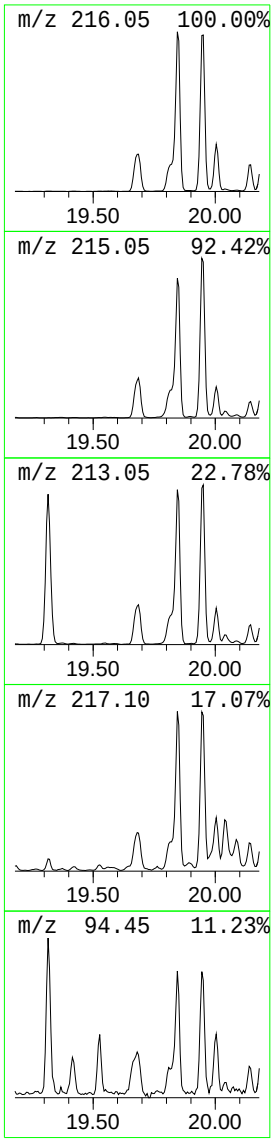
Peak Number 22 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.680	3.84 ng/ul	2627140	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 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

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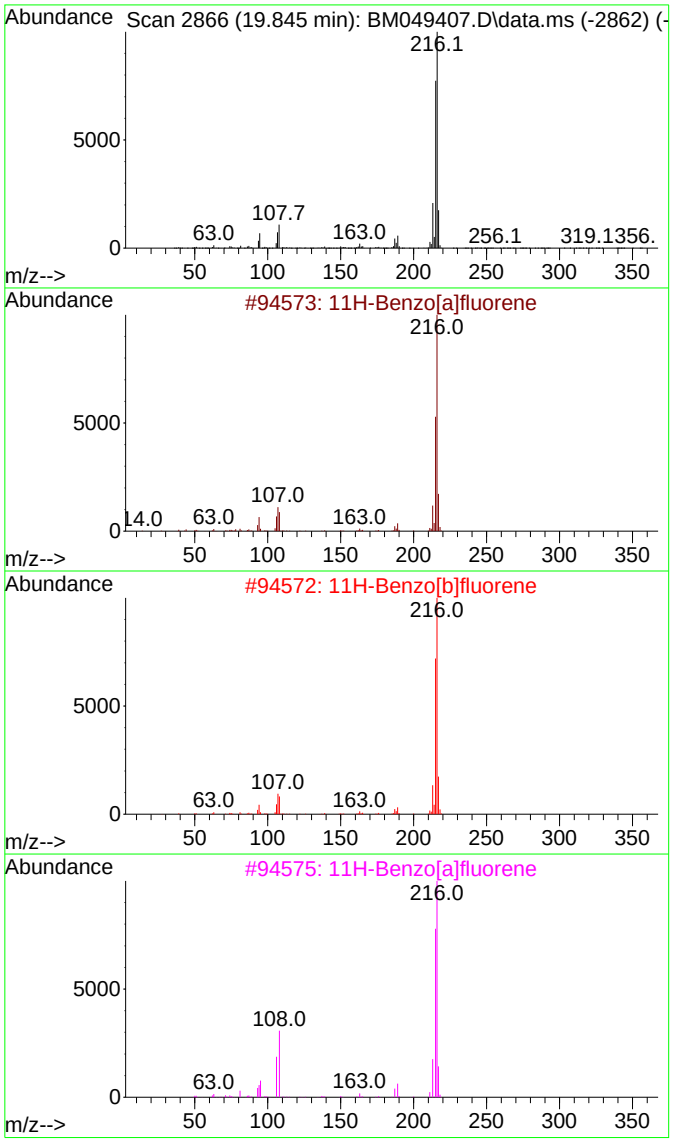
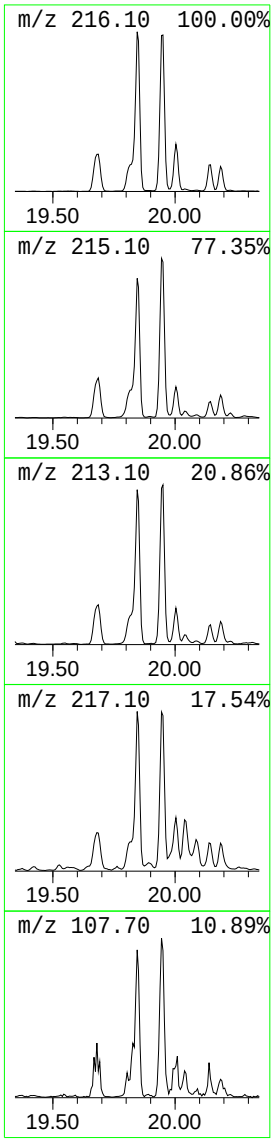
Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	7.25 ng/ul	4958660	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 23 Jan 2025 07:06
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Sample : Q1139-13
Misc :
ALS Vial : 29 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

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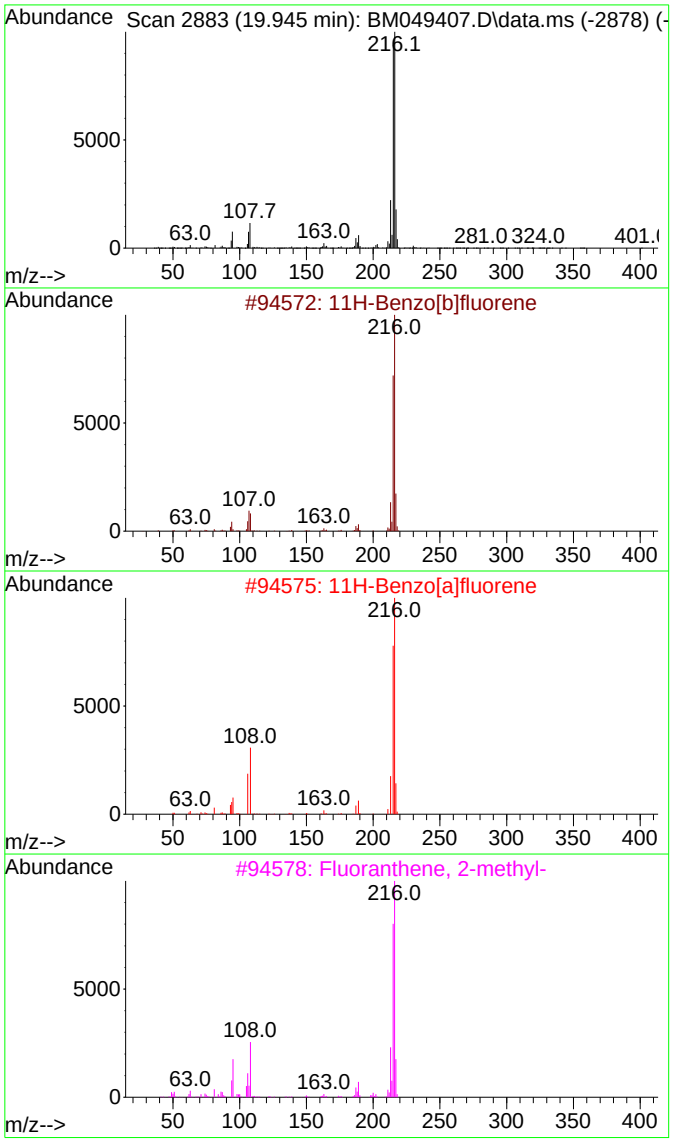
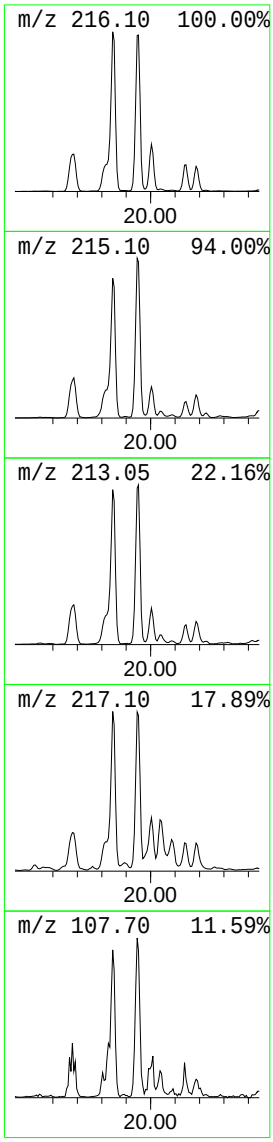
Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	7.54 ng/ul	5157610	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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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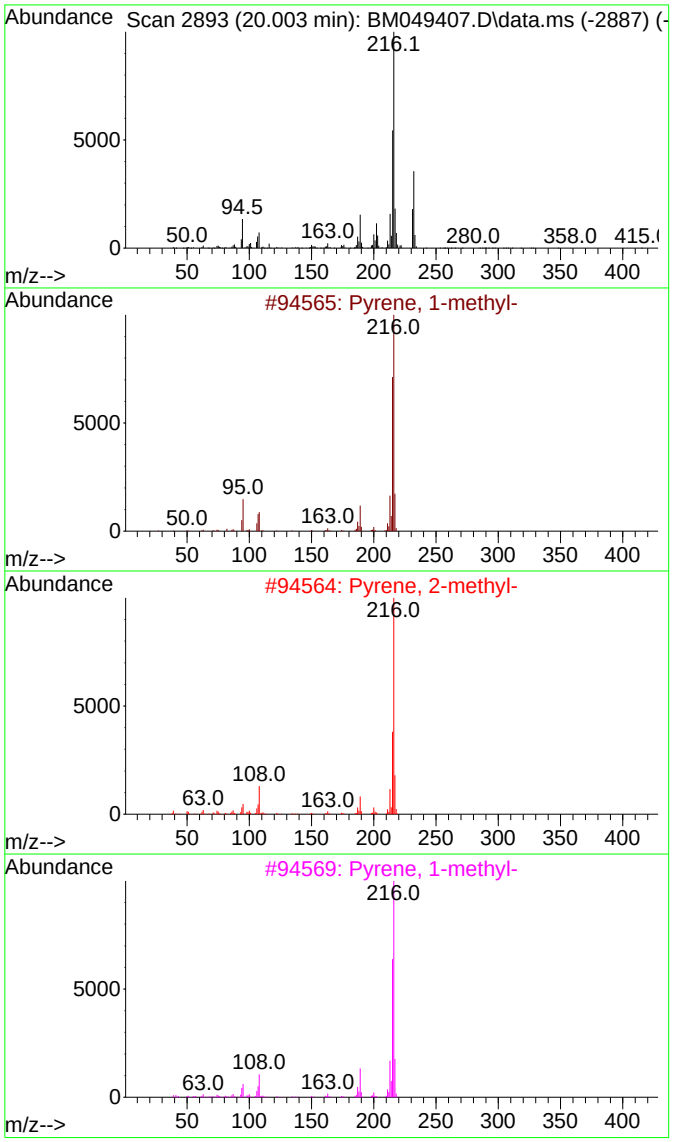
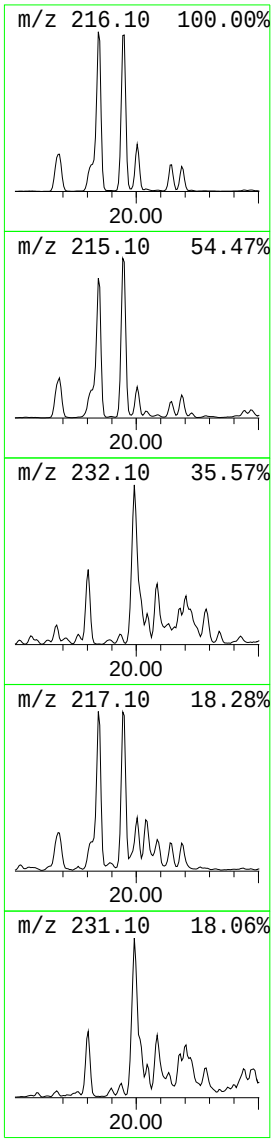
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.003	3.26 ng/ul	2229560	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

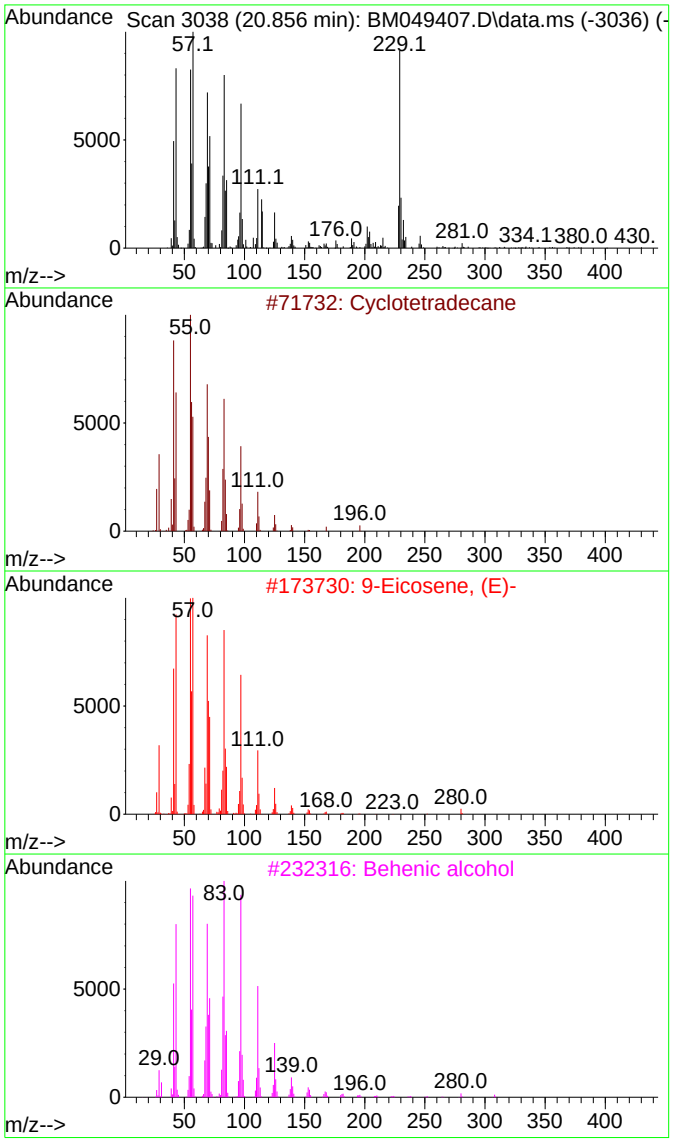
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

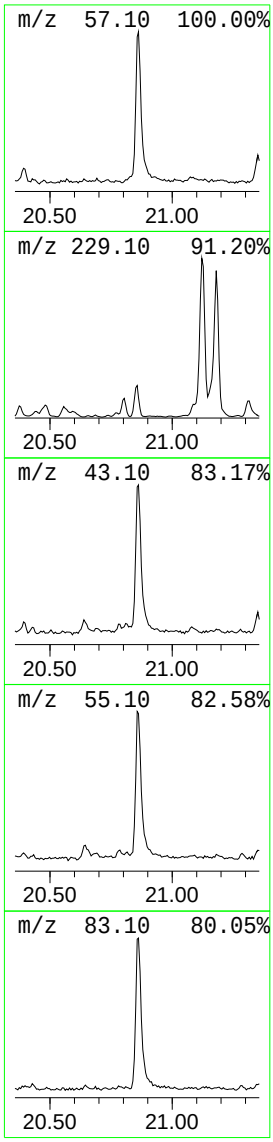
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic20.856 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.856	2.80 ng/ul	1911610	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	86
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
3	Behenic alcohol	326	C22H46O	000661-19-8	55
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	55





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Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

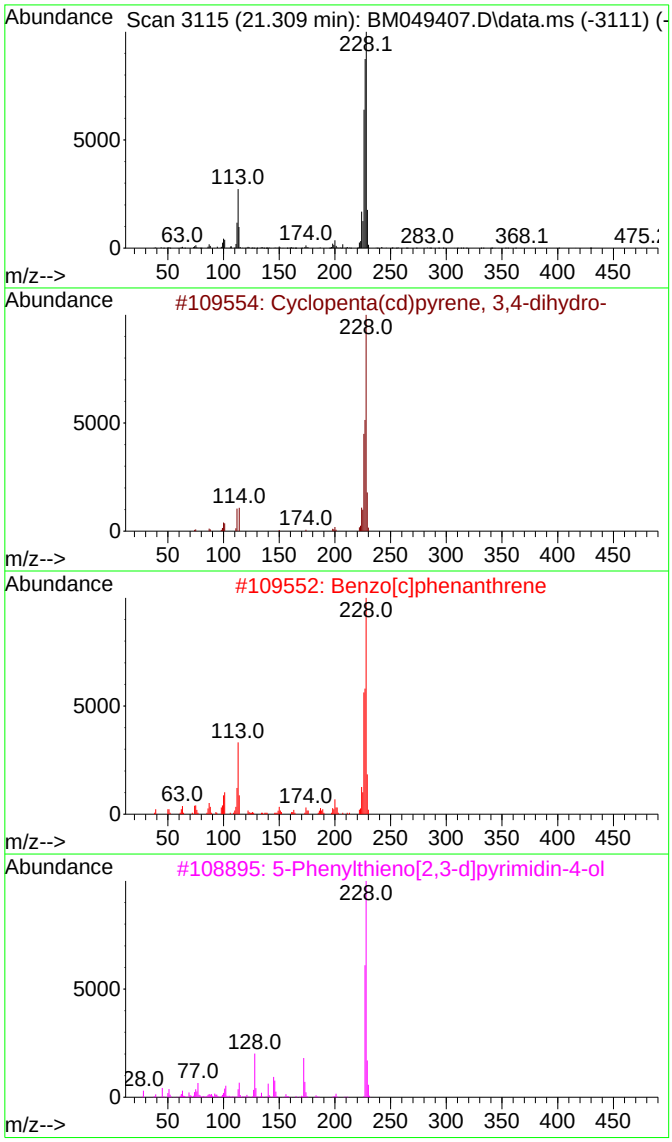
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

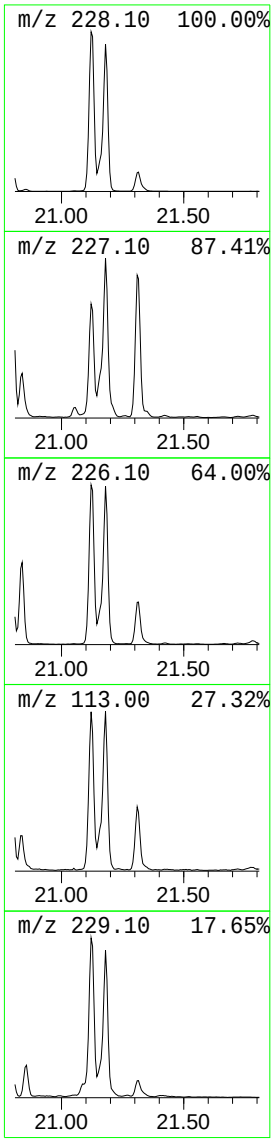
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.309	2.53 ng/ul	1729890	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
4	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49





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Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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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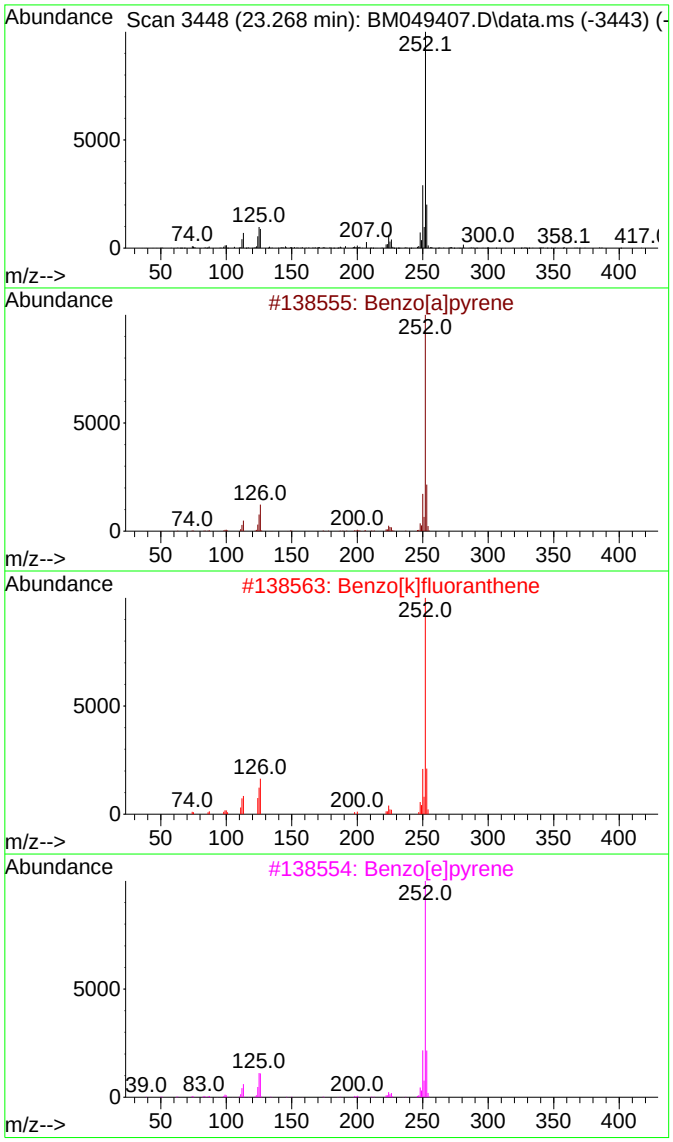
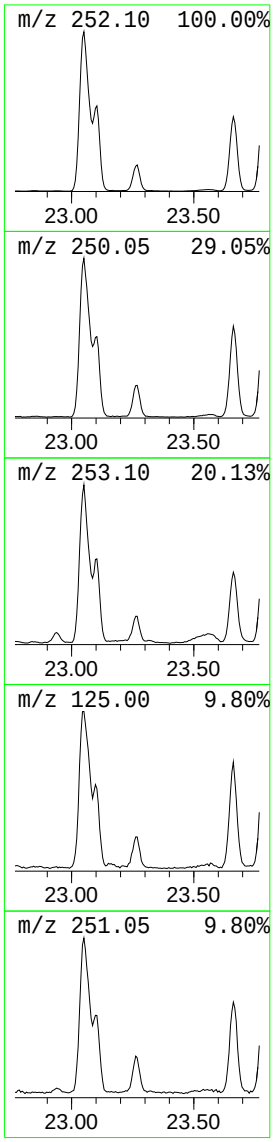
Peak Number 29 Benzo[e]pyrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.268	2.72 ng/ul	564749	Perylene-d12	23.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0

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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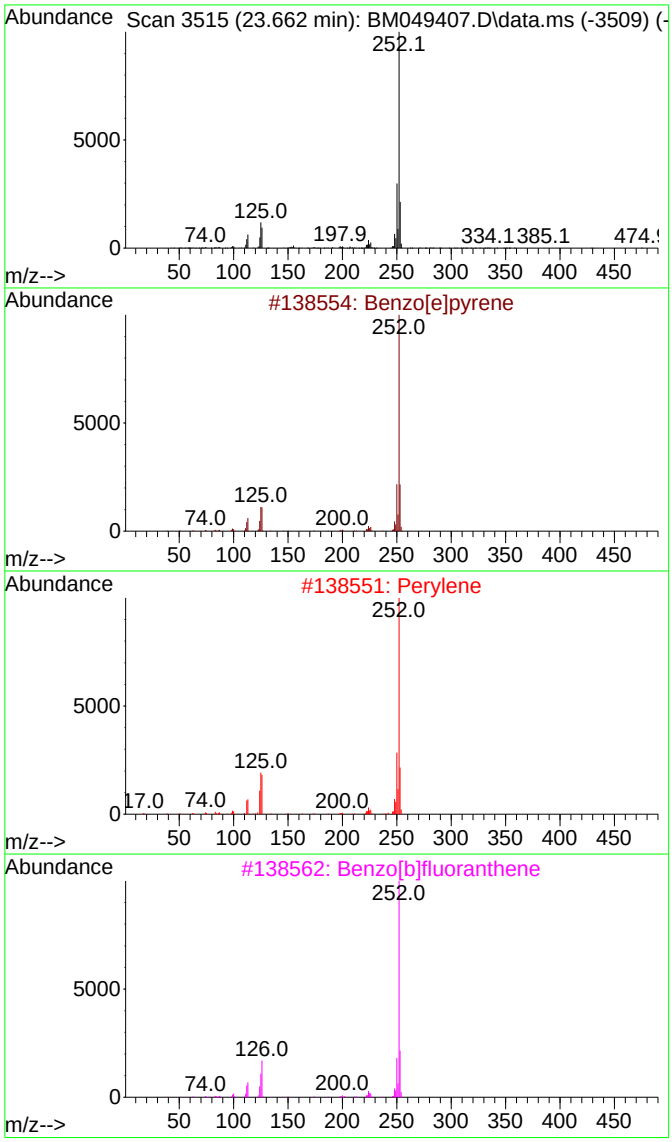
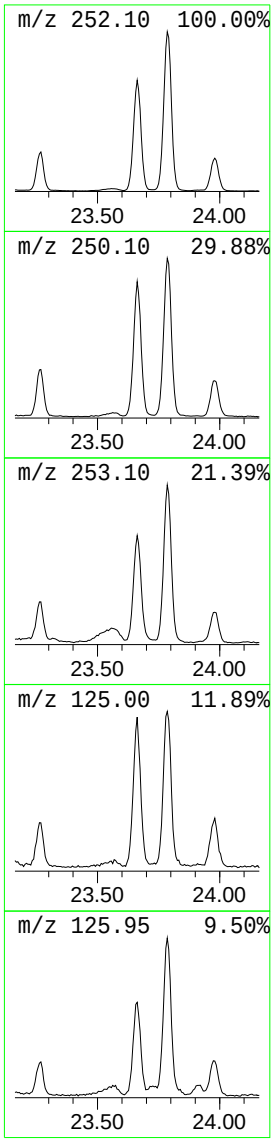
Peak Number 30 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.662	7.54 ng/ul	1567780	Perylene-d12	23.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049407.D
Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZJ0

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...	12.080	2.6	ng/ul	410015	2	10.281	3208830	20.0
Benzophenone	15.533	12.1	ng/ul	2791280	4	16.910	4610810	20.0
2,4,6-Cycloheptt...	15.657	3.9	ng/ul	895418	4	16.910	4610810	20.0
9H-Fluorene, 2-...	16.221	4.0	ng/ul	912768	4	16.910	4610810	20.0
4-(4-Methylphen...	16.492	2.8	ng/ul	652003	4	16.910	4610810	20.0
Acridine	17.104	3.5	ng/ul	802735	4	16.910	4610810	20.0
Carba zole	17.315	3.4	ng/ul	774387	4	16.910	4610810	20.0
Naphthalene, 1-...	17.433	4.3	ng/ul	984345	4	16.910	4610810	20.0
Phenanthrene, 1...	17.786	12.9	ng/ul	2985830	4	16.910	4610810	20.0
Anthracene, 2-m...	17.839	9.7	ng/ul	2240360	4	16.910	4610810	20.0
Phenanthrene, 2...	17.915	7.8	ng/ul	1798580	4	16.910	4610810	20.0
4H-Cyclopenta[d...	17.980	31.7	ng/ul	7315130	4	16.910	4610810	20.0
1H-Indene, 1-ph...	18.015	5.4	ng/ul	1241400	4	16.910	4610810	20.0
Naphthalene, 2-...	18.298	11.8	ng/ul	2726470	4	16.910	4610810	20.0
Phenanthrene, 2...	18.545	2.0	ng/ul	472576	4	16.910	4610810	20.0
Phenanthrene, 2...	18.715	4.6	ng/ul	1060980	4	16.910	4610810	20.0
Benzo[kl]xanthene	19.527	2.5	ng/ul	1736520	5	21.139	13676300	20.0
Pyrene, 2-methyl-	19.680	3.8	ng/ul	2627140	5	21.139	13676300	20.0
11H-Benzo[a]flu...	19.845	7.3	ng/ul	4958660	5	21.139	13676300	20.0
11H-Benzo[b]flu...	19.945	7.5	ng/ul	5157610	5	21.139	13676300	20.0
Pyrene, 1-methyl-	20.003	3.3	ng/ul	2229560	5	21.139	13676300	20.0
(DEL) Alkane: C...	20.856	2.8	ng/ul	1911610	5	21.139	13676300	20.0
Cyclopenta(cd)p...	21.309	2.5	ng/ul	1729890	5	21.139	13676300	20.0
Benzo[e]pyrene	23.268	2.7	ng/ul	564749	6	23.915	4159190	20.0
Perylene	23.662	7.5	ng/ul	1567780	6	23.915	4159190	20.0