LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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: BM049414.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.516	86	90	100	rBV	155661	253224	3.60%	0.493%
2	6.710	627	633	644	rBV	193370	336879	4.78%	0.656%
3	6.869	654	660	671	rVB	174103	280575	3.98%	0.546%
4	7.057	686	692	704	rVB	223449	359539	5.11%	0.700%
5	7.516	764	770	779	rBV	951703	1461631	20.76%	2.846%
6	8.228	885	891	899	rBV	206232	373897	5.31%	0.728%
7	8.663	958	965	973	rBV	169714	308685	4.38%	0.601%
8	9.375	1080	1086	1094	rBV	112833	199818	2.84%	0.389%
9	9.916	1169	1178	1189	rBV	181766	378279	5.37%	0.737%
10	10.275	1230	1239	1254	rBV	1133358	1935881	27.49%	3.770%
11	10.428	1257	1265	1277	rBV	117225	272075	3.86%	0.530%
12	12.092	1543	1548	1556	rBV	27721	59556	0.85%	0.116%
13	12.533	1614	1623	1628	rBV6	9849	21543	0.31%	0.042%
14	13.469	1777	1782	1789	rBV2	15324	39834	0.57%	0.078%
15	13.580	1795	1801	1814	rBV	358388	550031	7.81%	1.071%
16	13.692	1814	1820	1829	rVB2	18311	45456	0.65%	0.089%
17	13.845	1841	1846	1859	rVB2	428824	672591	9.55%	1.310%
18	14.157	1892	1899	1906	rVV	1646504	2373377	33.71%	4.621%
19	14.222	1906	1910	1918	rVB2	34556	54654	0.78%	0.106%
20	14.404	1930	1941	1946	rBV8	27619	74427	1.06%	0.145%
21	14.469	1948	1952	1958	rVB7	13341	25182	0.36%	0.049%
22	14.563	1963	1968	1973	rBV3	34679	52992	0.75%	0.103%
23	14.698	1986	1991	1997	rBV4	12689	25797	0.37%	0.050%
24	15.157	2063	2069	2074	rVV	525603	752171	10.68%	1.465%
25	15.210	2074	2078	2083	rVV2	110342	164565	2.34%	0.320%
26	15.286	2083	2091	2097	rVV3	51229	103914	1.48%	0.202%
27	15.339	2097	2100	2103	rVV4	20754	30509	0.43%	0.059%
28	15.380	2103	2107	2112	rVV5	22734	37492	0.53%	0.073%
29	15.457	2117	2120	2124	rVV6	18259	27652	0.39%	0.054%
30	15.533	2124	2133	2142	rVB2	216134	395546	5.62%	0.770%
31	15.657	2148	2154	2162	rVV	68153	130154	1.85%	0.253%
32	15.727	2162	2166	2175	rVB4	24154	57717	0.82%	0.112%
33	15.886	2188	2193	2200	rBV4	33256	72027	1.02%	0.140%
34	16.092	2222	2228	2233	rBV2	33751	63242	0.90%	0.123%
35	16.227	2240	2251	2255	rBV3	49078	138601	1.97%	0.270%
36	16.269	2255	2258	2263	rVV2	33563	46528	0.66%	0.091%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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	16.369	2270	2275	2280	rVB4	31126	59003	0.84%	0.115%
38	16.421	2280	2284	2285	rBV2	24573	26086	0.37%	0.051%
39	16.451	2285	2289	2292	rVV	67362	90671	1.29%	0.177%
40	16.492	2292	2296	2299	rVV2	73005	103721	1.47%	0.202%
41	16.521	2299	2301	2306	rVB3	19246	24200	0.34%	0.047%
42	16.574	2306	2310	2317	rVB5	23393	49788	0.71%	0.097%
43	16.645	2317	2322	2329	rBV3	80418	174960	2.48%	0.341%
44	16.727	2333	2336	2340	rVB	55553	70081	1.00%	0.136%
45	16.910	2360	2367	2371	rVV	1828951	2574108	36.56%	5.012%
46	16.951	2371	2374	2378	rVV	308812	406825	5.78%	0.792%
47	17.004	2378	2383	2386	rVV2	531511	793700	11.27%	1.545%
48	17.039	2386	2389	2395	rVV	482796	675697	9.60%	1.316%
49	17.104	2396	2400	2406	rVV2	65654	102429	1.45%	0.199%
50	17.316	2432	2436	2440	rBV	72189	107802	1.53%	0.210%
51	17.357	2440	2443	2452	rVV3	45891	91249	1.30%	0.178%
52	17.433	2452	2456	2462	rVV	114674	159876	2.27%	0.311%
53	17.492	2462	2466	2476	rVV3	32932	66774	0.95%	0.130%
54	17.627	2486	2489	2495	rVV	26441	37134	0.53%	0.072%
55	17.786	2509	2516	2520	rBV	318710	452716	6.43%	0.882%
56	17.833	2520	2524	2531	rVB	156926	229020	3.25%	0.446%
57	17.915	2531	2538	2543	rBV	167730	261530	3.71%	0.509%
58	17.980	2543	2549	2553	rBV	690912	1121095	15.92%	2.183%
59	18.015	2553	2555	2564	rVB	163972	201129	2.86%	0.392%
60	18.192	2581	2585	2588	rBV5	17075	26511	0.38%	0.052%
61	18.268	2593	2598	2599	rBV5	43064	61038	0.87%	0.119%
62	18.292	2599	2602	2607	rVB	249237	338245	4.80%	0.659%
63	18.421	2620	2624	2628	rBV2	39931	49567	0.70%	0.097%
64	18.545	2641	2645	2649	rVB	54105	72623	1.03%	0.141%
65	18.592	2650	2653	2657	rBV2	55878	66725	0.95%	0.130%
66	18.633	2657	2660	2663	rVB2	41168	46322	0.66%	0.090%
67	18.715	2669	2674	2679	rBV	104907	178284	2.53%	0.347%
68	18.780	2679	2685	2688	rBV3	82168	132931	1.89%	0.259%
69	18.857	2693	2698	2699	rBV2	48234	65934	0.94%	0.128%
70	18.980	2713	2719	2726	rBV	5248554	7040978	100.00%	13.710%
71	19.051	2727	2731	2733	rBV	53708	62822	0.89%	0.122%
72	19.080	2733	2736	2740	rVB3	47443	55153	0.78%	0.107%
73	19.121	2740	2743	2747	rVB2	47622	58747	0.83%	0.114%
74	19.168	2747	2751	2755	rBV6	26489	47675	0.68%	0.093%
75	19.221	2755	2760	2764	rBV	117127	180470	2.56%	0.351%
76	19.315	2770	2776	2777	rBV	1606615	2021198	28.71%	3.936%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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	2777	2780	2785	rVV	3826683	5026983	71.40%	9.788%
78	19.415	2789	2793	2801	rVB	156665	243827	3.46%	0.475%
79	19.527	2807	2812	2817	rBV	232960	308995	4.39%	0.602%
80	19.686	2830	2839	2843	rBV3	182040	465917	6.62%	0.907%
81	19.845	2855	2866	2871	rVB	625009	1066275	15.14%	2.076%
82	19.898	2873	2875	2877	rBV2	22518	21505	0.31%	0.042%
83	19.945	2878	2883	2887	rBV	690481	842485	11.97%	1.640%
84	19.998	2887	2892	2896	rVV2	239637	380462	5.40%	0.741%
85	20.039	2896	2899	2903	rVB	98769	125189	1.78%	0.244%
86	20.086	2904	2907	2912	rVB	64534	74811	1.06%	0.146%
87	20.139	2913	2916	2920	rVB	81967	100083	1.42%	0.195%
88	20.186	2920	2924	2929	rBV2	111693	184834	2.63%	0.360%
89	20.556	2984	2987	2991	rBV4	56535	90741	1.29%	0.177%
90	20.762	3018	3022	3025	rBV	151677	198212	2.82%	0.386%
91	20.804	3025	3029	3032	rVV	205908	279155	3.96%	0.544%
92	20.839	3032	3035	3051	rVB3	145372	373661	5.31%	0.728%
93	21.133	3078	3085	3090	rBV2	2200660	4417940	62.75%	8.603%
94	21.180	3090	3093	3101	rVB	972122	1302325	18.50%	2.536%
95	21.309	3111	3115	3126	rVB	190201	304860	4.33%	0.594%
96	23.045	3404	3410	3417	rBV	311802	864731	12.28%	1.684%
97	23.662	3510	3515	3519	rBV	120373	227476	3.23%	0.443%
98	23.727	3521	3526	3531	rVV	292859	587828	8.35%	1.145%
99	23.780	3532	3535	3542	rVB	165203	302736	4.30%	0.589%
100	23.915	3550	3558	3580	rVB	1184008	3004423	42.67%	5.850%

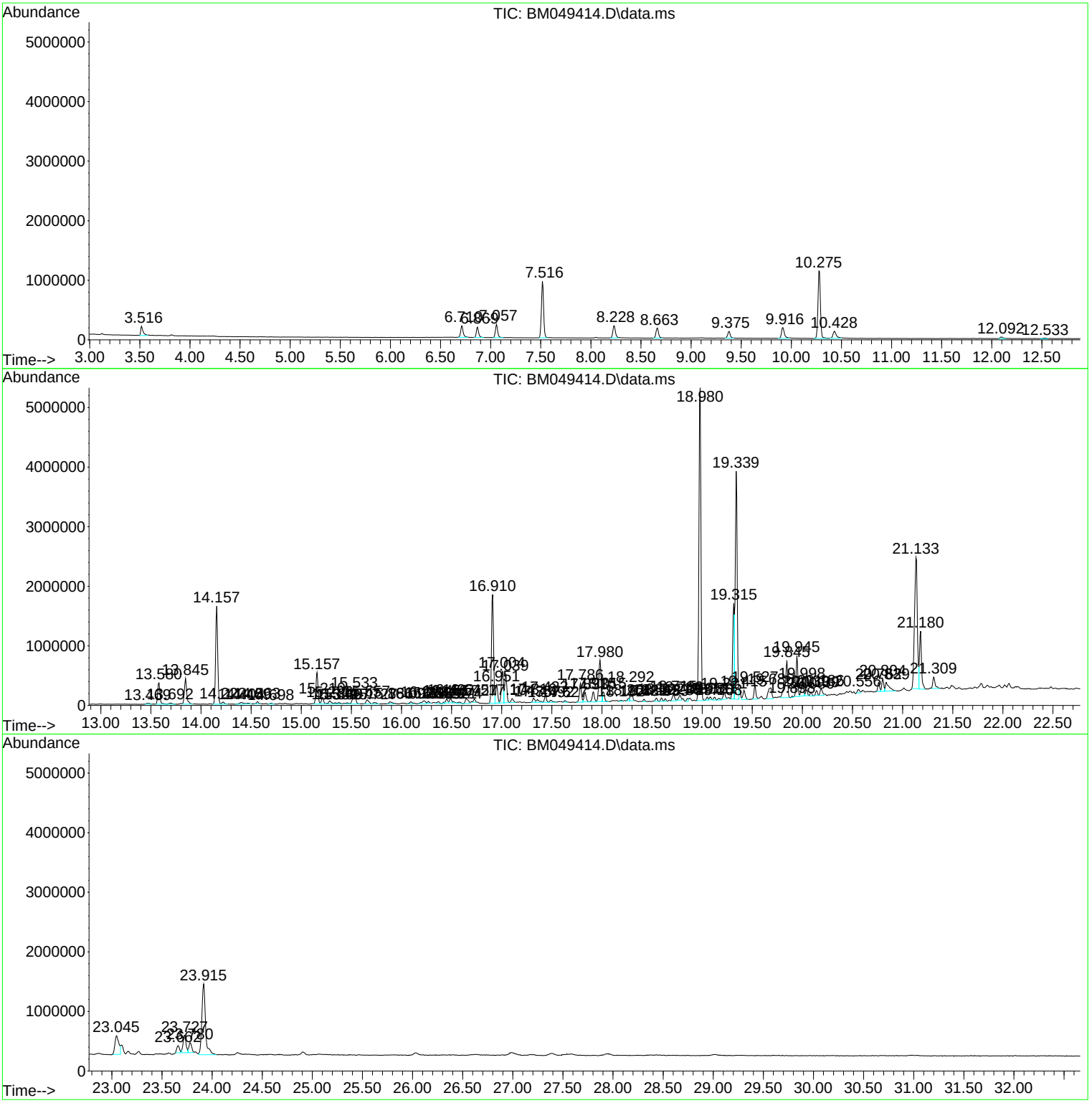
Sum of corrected areas: 51356312

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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 : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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

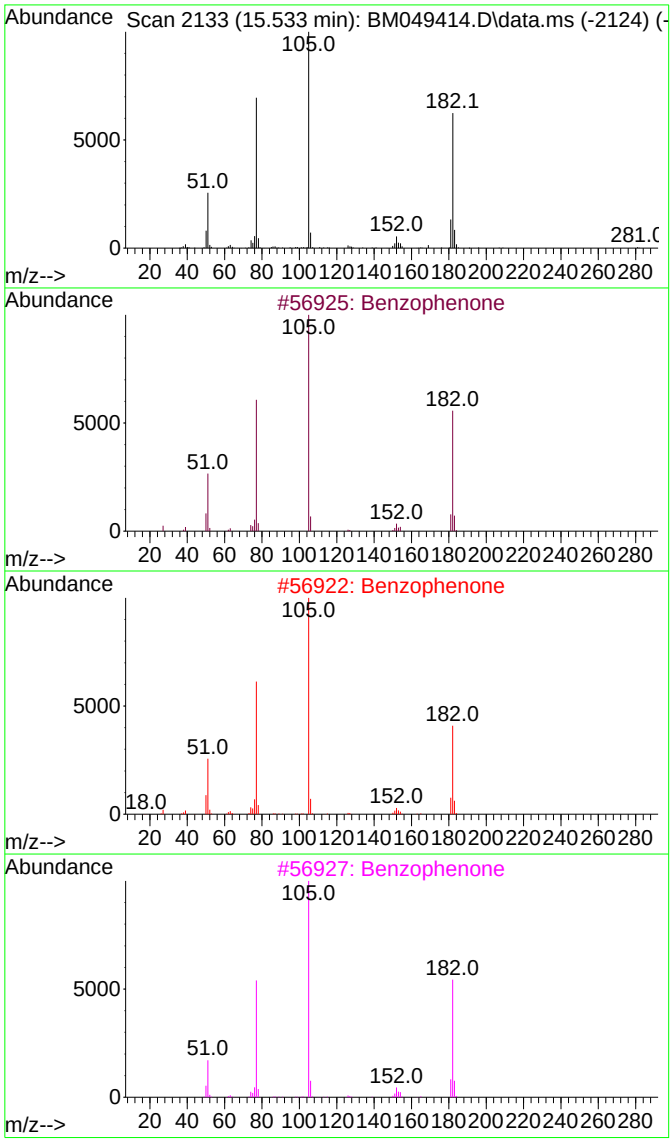
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

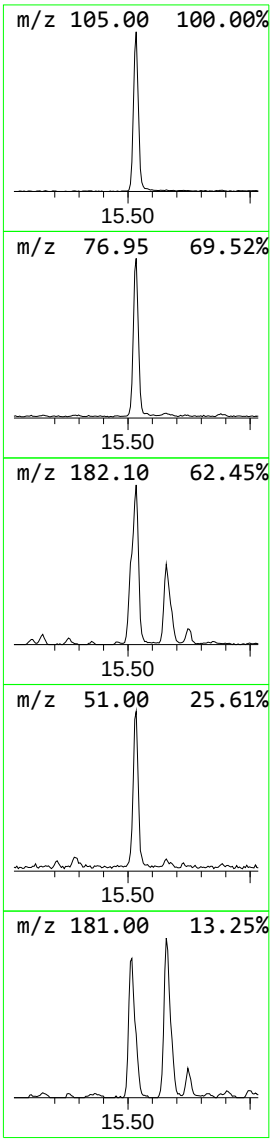
****

Peak Number 1 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	3.07 ng/ul	395546	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	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

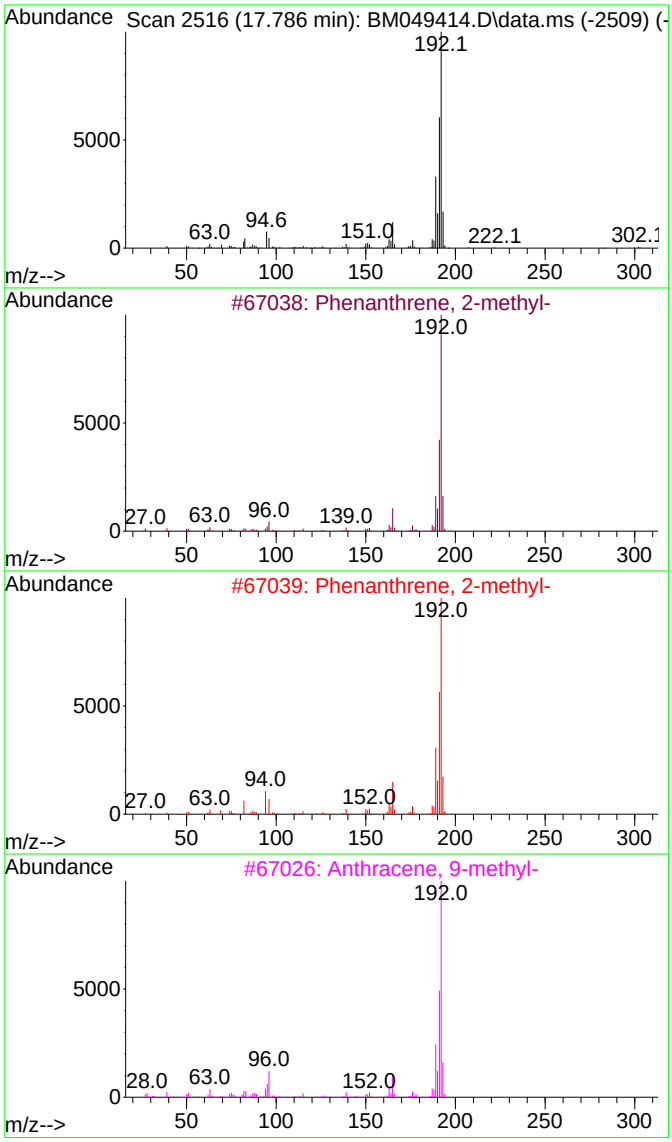
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

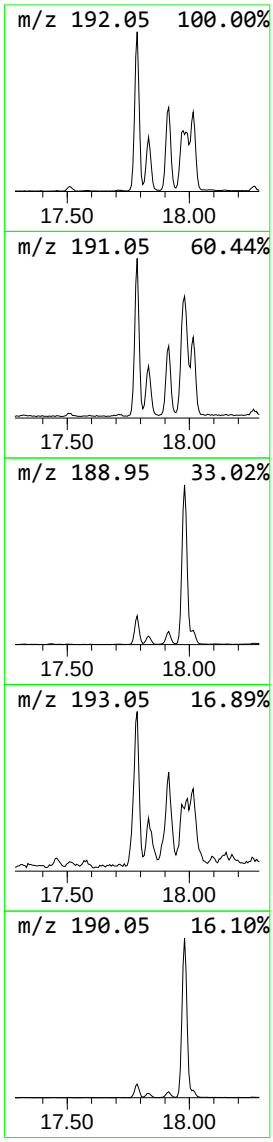
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	3.52 ng/ul	452716	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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

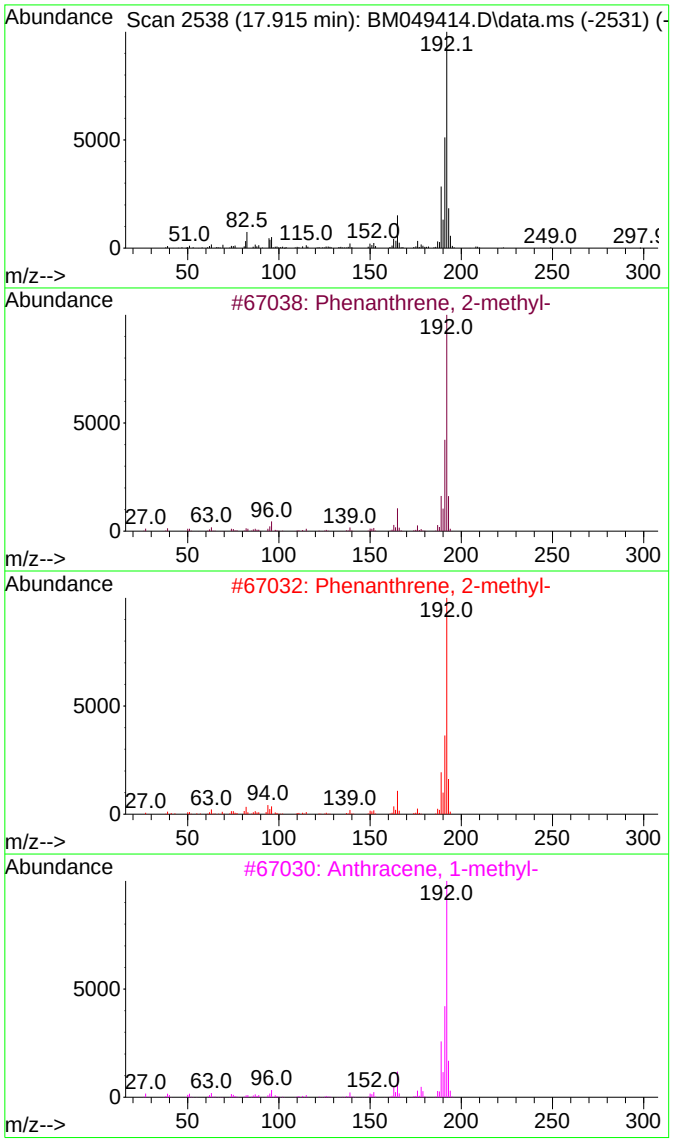
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

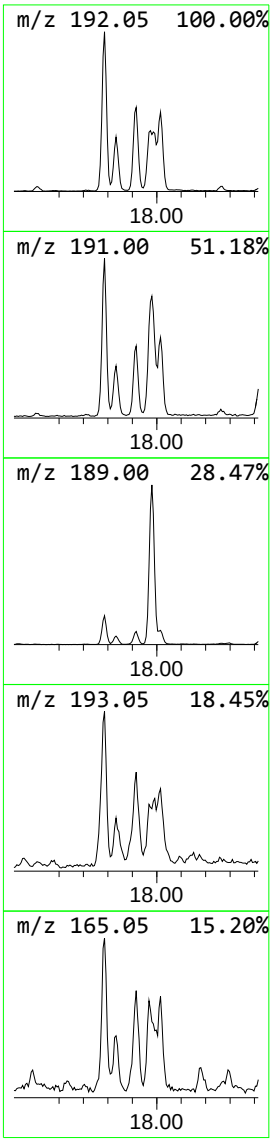
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	2.03 ng/ul	261530	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	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

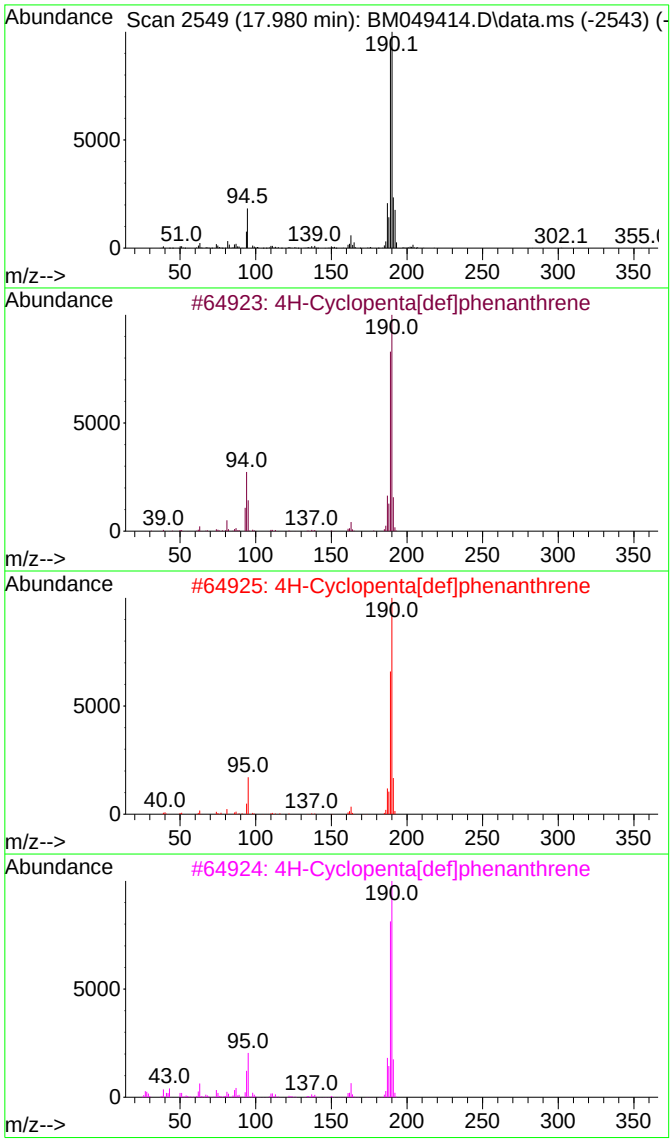
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

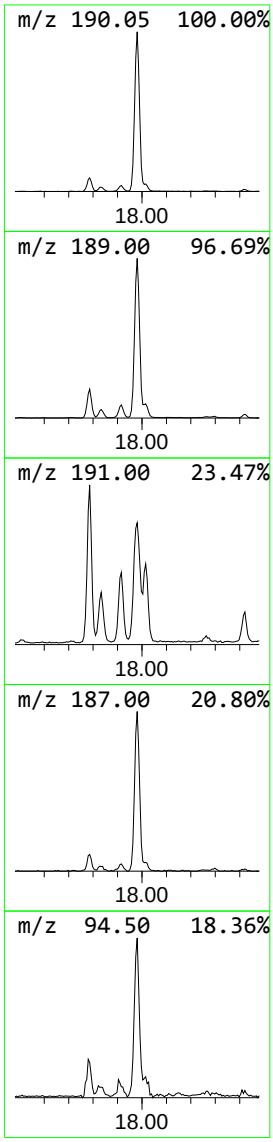
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	8.71 ng/ul	1121100	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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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

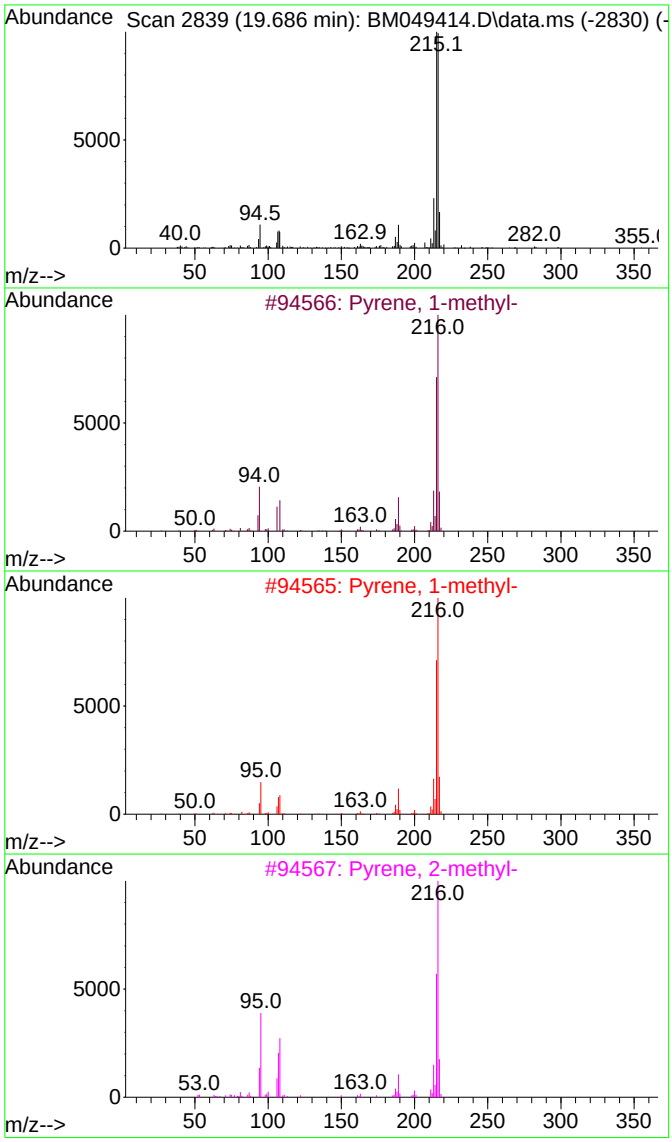
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

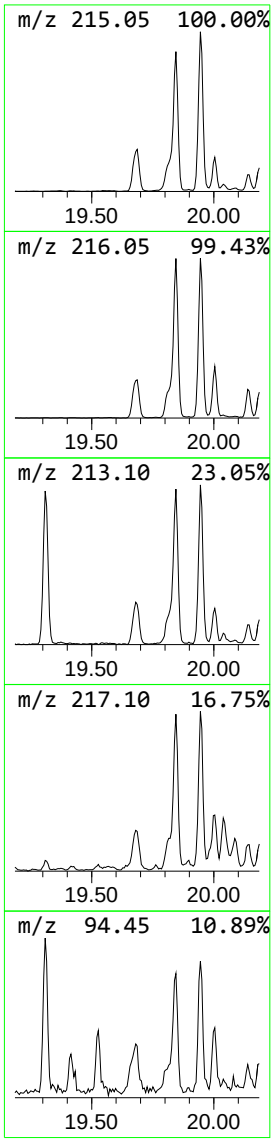
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.686	2.11 ng/ul	465917	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, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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

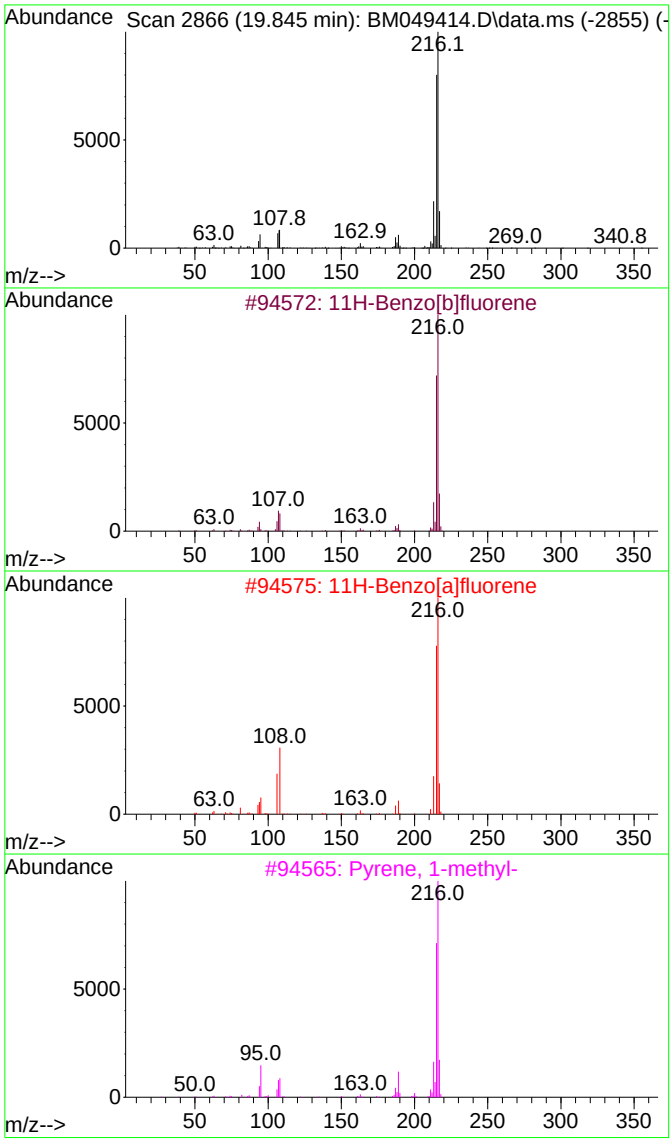
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

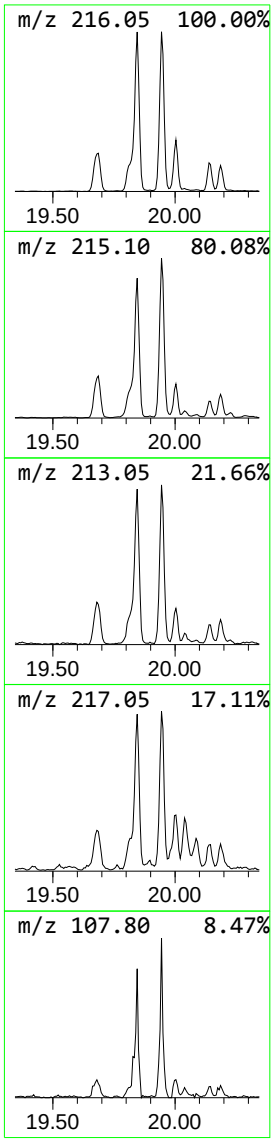
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	4.83 ng/ul	1066280	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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

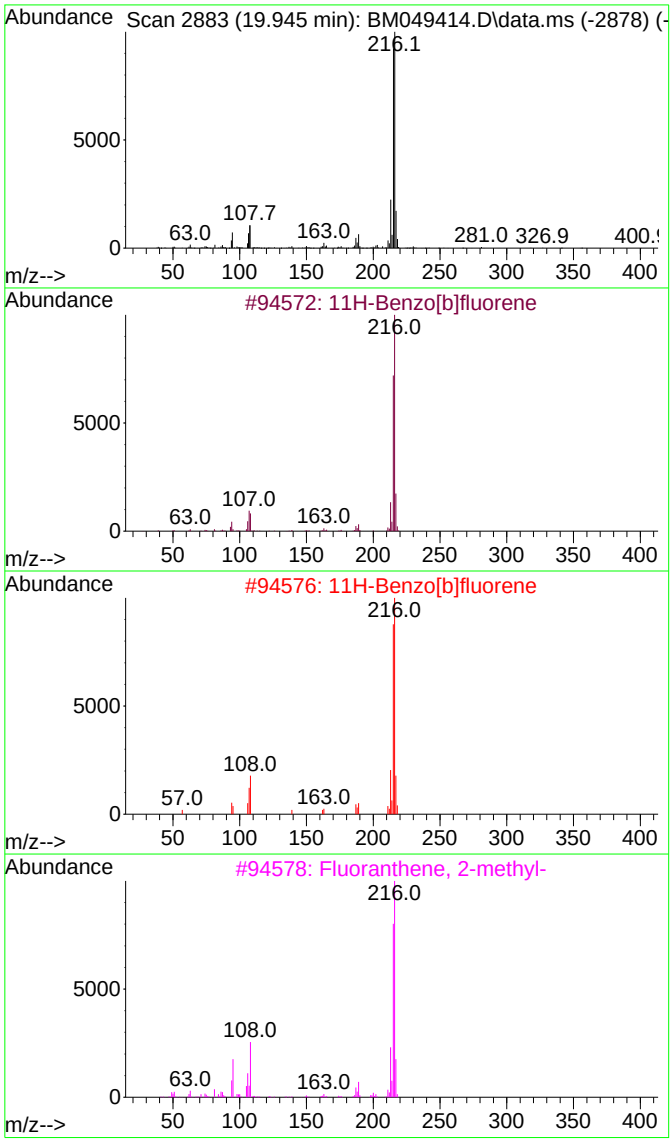
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

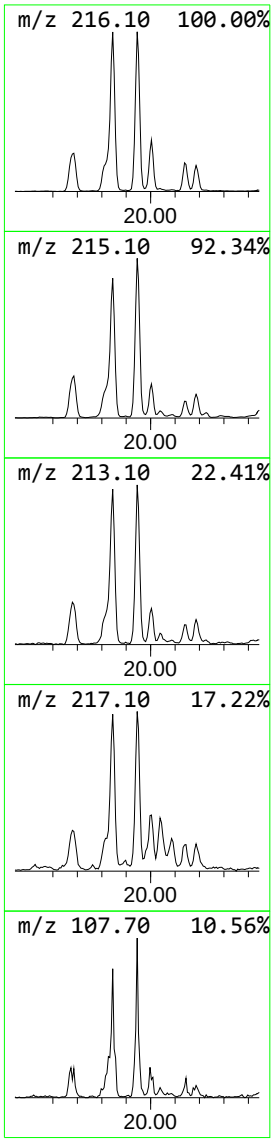
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	3.81 ng/ul	842485	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[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
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 : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

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
Benzophenone	15.533	3.1	ng/ul	395546	4	16.910	2574110	20.0
Phenanthrene, 2...	17.786	3.5	ng/ul	452716	4	16.910	2574110	20.0
Anthracene, 1-m...	17.916	2.0	ng/ul	261530	4	16.910	2574110	20.0
4H-Cyclopenta[d...	17.980	8.7	ng/ul	1121100	4	16.910	2574110	20.0
Pyrene, 1-methyl-	19.686	2.1	ng/ul	465917	5	21.139	4417940	20.0
11H-Benzo[b]flu...	19.845	4.8	ng/ul	1066280	5	21.139	4417940	20.0
Fluoranthene, 2...	19.945	3.8	ng/ul	842485	5	21.139	4417940	20.0