LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

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-BM012825.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049535.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	87	90	102	rVV	57479	93653	0.92%	0.105%
2	4.699	285	291	299	rVB3	43163	82748	0.81%	0.093%
3	6.728	630	636	649	rVV2	182601	365954	3.59%	0.410%
4	6.863	652	659	665	rBV	153748	247278	2.42%	0.277%
5	7.057	685	692	700	rBV	200938	326378	3.20%	0.366%
6	7.510	762	769	780	rBV	853214	1331522	13.06%	1.493%
7	8.245	887	894	901	rBV	187228	327544	3.21%	0.367%
8	8.328	902	908	923	rVV	177100	314995	3.09%	0.353%
9	8.657	957	964	972	rBV	159335	270886	2.66%	0.304%
10	9.369	1080	1085	1096	rBV	128809	217811	2.14%	0.244%
11	9.586	1111	1122	1129	rBV2	28488	70940	0.70%	0.080%
12	9.928	1171	1180	1192	rBV	194829	371976	3.65%	0.417%
13	10.269	1230	1238	1244	rBV	1083452	1800411	17.65%	2.019%
14	10.322	1244	1247	1255	rVB	44385	70825	0.69%	0.079%
15	10.428	1257	1265	1276	rBV	57268	141029	1.38%	0.158%
16	11.945	1517	1523	1531	rBV	21694	41397	0.41%	0.046%
17	13.474	1777	1783	1788	rBV2	35470	65982	0.65%	0.074%
18	13.574	1795	1800	1811	rVV	397281	592591	5.81%	0.664%
19	13.839	1838	1845	1849	rBV	397334	663725	6.51%	0.744%
20	14.151	1889	1898	1905	rBV	1646030	2441511	23.94%	2.738%
21	14.216	1905	1909	1914	rVB	96156	134712	1.32%	0.151%
22	14.439	1942	1947	1958	rVV2	96386	235917	2.31%	0.265%
23	14.557	1961	1967	1975	rVV2	90335	173617	1.70%	0.195%
24	14.639	1977	1981	1988	rVB2	29099	46723	0.46%	0.052%
25	14.780	1999	2005	2011	rBV5	25469	59404	0.58%	0.067%
26	14.957	2025	2035	2038	rBV6	18563	44924	0.44%	0.050%
27	15.033	2045	2048	2054	rVB2	32311	45502	0.45%	0.051%
28	15.157	2063	2069	2074	rVV	509376	742209	7.28%	0.832%
29	15.210	2074	2078	2084	rVV	141703	224925	2.21%	0.252%
30	15.292	2088	2092	2097	rVV3	56841	102934	1.01%	0.115%
31	15.339	2097	2100	2103	rVV4	29162	46843	0.46%	0.053%
32	15.374	2103	2106	2110	rVV4	22988	43889	0.43%	0.049%
33	15.433	2110	2116	2124	rVV9	26124	96355	0.94%	0.108%
34	15.527	2124	2132	2143	rVV2	146396	342826	3.36%	0.384%
35	15.657	2150	2154	2163	rVV	55724	126875	1.24%	0.142%
36	15.892	2189	2194	2204	rVB3	76087	136468	1.34%	0.153%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

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-BM012825.MA.M
Title : SVOA CALIBRATION

37	16.092	2221	2228	2233	rBV6	22240	47511	0.47%	0.053%
38	16.215	2242	2249	2255	rBV5	45045	109529	1.07%	0.123%
39	16.268	2255	2258	2264	rVB3	32869	53877	0.53%	0.060%
40	16.451	2285	2289	2292	rBV2	34201	42557	0.42%	0.048%
41	16.492	2292	2296	2300	rVV3	42528	59446	0.58%	0.067%
42	16.568	2304	2309	2317	rVB2	336336	525888	5.16%	0.590%
43	16.651	2318	2323	2328	rBV3	38464	80153	0.79%	0.090%
44	16.727	2332	2336	2345	rVB	165401	249117	2.44%	0.279%
45	16.827	2349	2353	2356	rBV	37327	52797	0.52%	0.059%
46	16.910	2361	2367	2370	rBV	2170731	2956060	28.98%	3.315%
47	16.951	2370	2374	2379	rVV	3737285	4889430	47.94%	5.482%
48	17.010	2379	2384	2387	rVV	572082	883105	8.66%	0.990%
49	17.039	2387	2389	2395	rVV	376386	482300	4.73%	0.541%
50	17.104	2396	2400	2405	rVB3	65616	104687	1.03%	0.117%
51	17.227	2418	2421	2427	rVB	47269	62216	0.61%	0.070%
52	17.292	2427	2432	2433	rBV	74306	96355	0.94%	0.108%
53	17.321	2433	2437	2441	rVB	332809	420760	4.13%	0.472%
54	17.433	2452	2456	2460	rBV2	102814	137823	1.35%	0.155%
55	17.492	2462	2466	2472	rBV3	109902	160652	1.58%	0.180%
56	17.704	2500	2502	2506	rVB	48174	56265	0.55%	0.063%
57	17.786	2511	2516	2520	rVV	486071	660567	6.48%	0.741%
58	17.833	2520	2524	2532	rVV	945612	1304328	12.79%	1.462%
59	17.915	2534	2538	2543	rVB2	94158	142186	1.39%	0.159%
60	17.974	2543	2548	2552	rBV2	627302	1043136	10.23%	1.170%
61	18.015	2552	2555	2561	rVB	332452	440634	4.32%	0.494%
62	18.104	2567	2570	2572	rBV3	49047	67603	0.66%	0.076%
63	18.292	2598	2602	2605	rBV	344978	455023	4.46%	0.510%
64	18.333	2605	2609	2615	rVB	846571	1148583	11.26%	1.288%
65	18.545	2642	2645	2649	rVB3	99711	117817	1.16%	0.132%
66	18.592	2650	2653	2656	rVV	100591	122537	1.20%	0.137%
67	18.633	2656	2660	2664	rVB2	117987	151628	1.49%	0.170%
68	18.721	2670	2675	2680	rBV2	323198	512294	5.02%	0.574%
69	18.774	2680	2684	2688	rVV3	127242	204191	2.00%	0.229%
70	18.809	2688	2690	2693	rVB	81653	78738	0.77%	0.088%
71	18.856	2693	2698	2707	rBV	470024	790123	7.75%	0.886%
72	18.980	2713	2719	2726	rVB	7823769	10199305	100.00%	11.436%
73	19.080	2733	2736	2740	rVB2	110105	134781	1.32%	0.151%
74	19.127	2740	2744	2748	rBV2	268236	365428	3.58%	0.410%
75	19.186	2750	2754	2757	rVV3	167645	259473	2.54%	0.291%
76	19.221	2758	2760	2765	rVB	125944	177215	1.74%	0.199%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

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-BM012825.MA.M
Title : SVOA CALIBRATION

77	19.315	2771	2776	2778	rBV2	1608337	2285564	22.41%	2.563%
78	19.345	2778	2781	2790	rVV	5301995	6807198	66.74%	7.633%
79	19.421	2790	2794	2801	rVV3	229114	397681	3.90%	0.446%
80	19.527	2809	2812	2818	rVB	352860	458413	4.49%	0.514%
81	19.586	2819	2822	2829	rVB2	208425	314701	3.09%	0.353%
82	19.674	2832	2837	2844	rBV3	390522	977917	9.59%	1.097%
83	19.809	2856	2860	2863	rBV5	368018	667011	6.54%	0.748%
84	19.845	2864	2866	2871	rVB	666375	770917	7.56%	0.864%
85	19.951	2880	2884	2887	rBV	322022	382087	3.75%	0.428%
86	20.003	2889	2893	2898	rVB2	539882	774471	7.59%	0.868%
87	20.145	2914	2917	2921	rBV	253768	279136	2.74%	0.313%
88	20.192	2921	2925	2929	rBV	306216	420042	4.12%	0.471%
89	20.598	2990	2994	3002	rBV	898790	1093178	10.72%	1.226%
90	20.762	3017	3022	3026	rBV2	645207	1080024	10.59%	1.211%
91	20.803	3026	3029	3032	rVV	545632	618140	6.06%	0.693%
92	20.845	3032	3036	3042	rVV2	433363	964092	9.45%	1.081%
93	20.903	3042	3046	3053	rVB	877179	1175557	11.53%	1.318%
94	21.139	3080	3086	3091	rBV2	3652613	8268986	81.07%	9.272%
95	21.186	3091	3094	3102	rVB	3230925	4370997	42.86%	4.901%
96	21.862	3205	3209	3215	rVB3	445385	839786	8.23%	0.942%
97	23.062	3406	3413	3419	rBV	2392511	6558617	64.30%	7.354%
98	23.674	3513	3517	3524	rVB	452043	823651	8.08%	0.924%
99	23.797	3532	3538	3550	rVB	1040158	2434057	23.86%	2.729%
100	23.927	3553	3560	3575	rVV	1576112	4133254	40.52%	4.634%

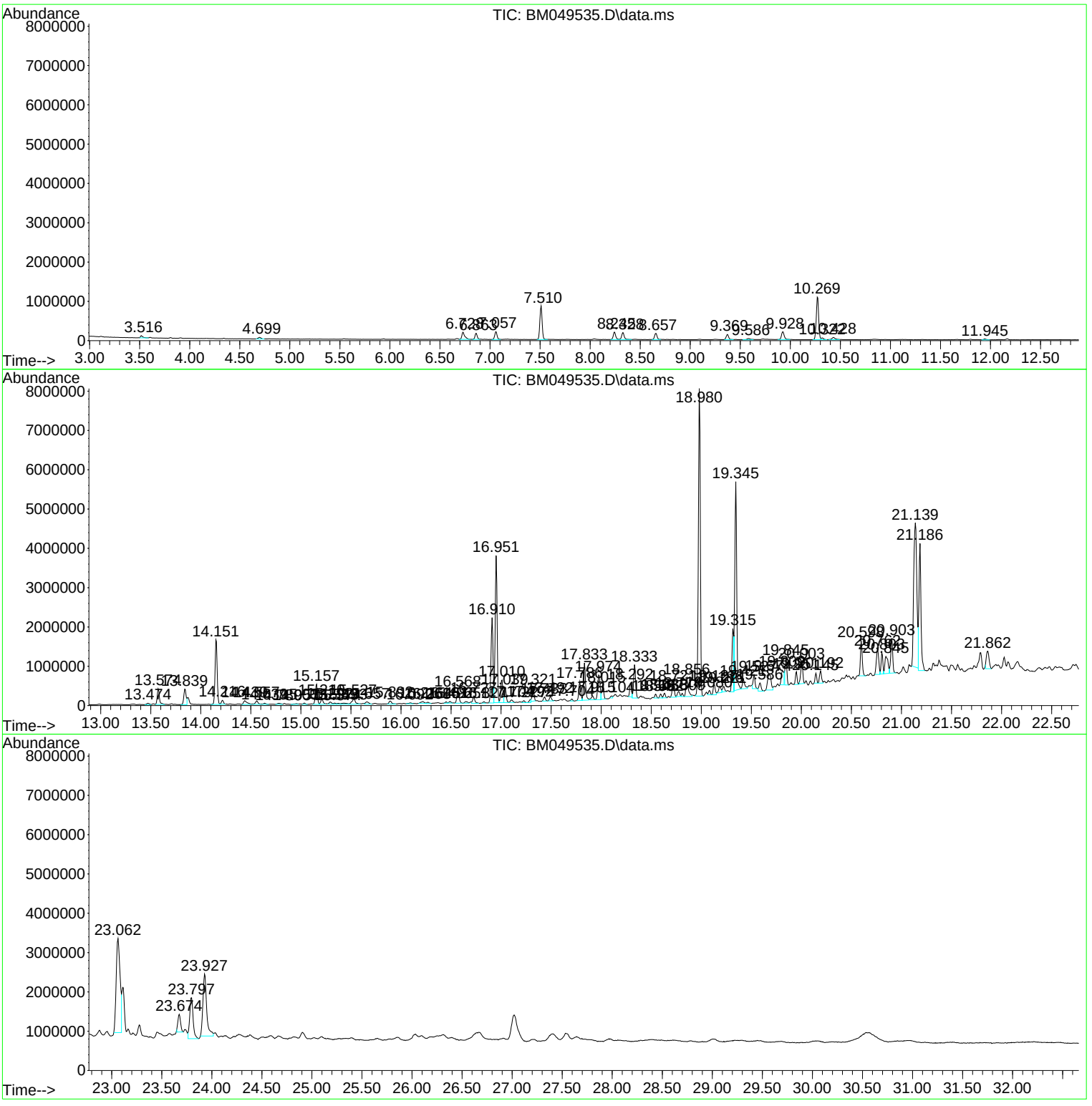
Sum of corrected areas: 89184874

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

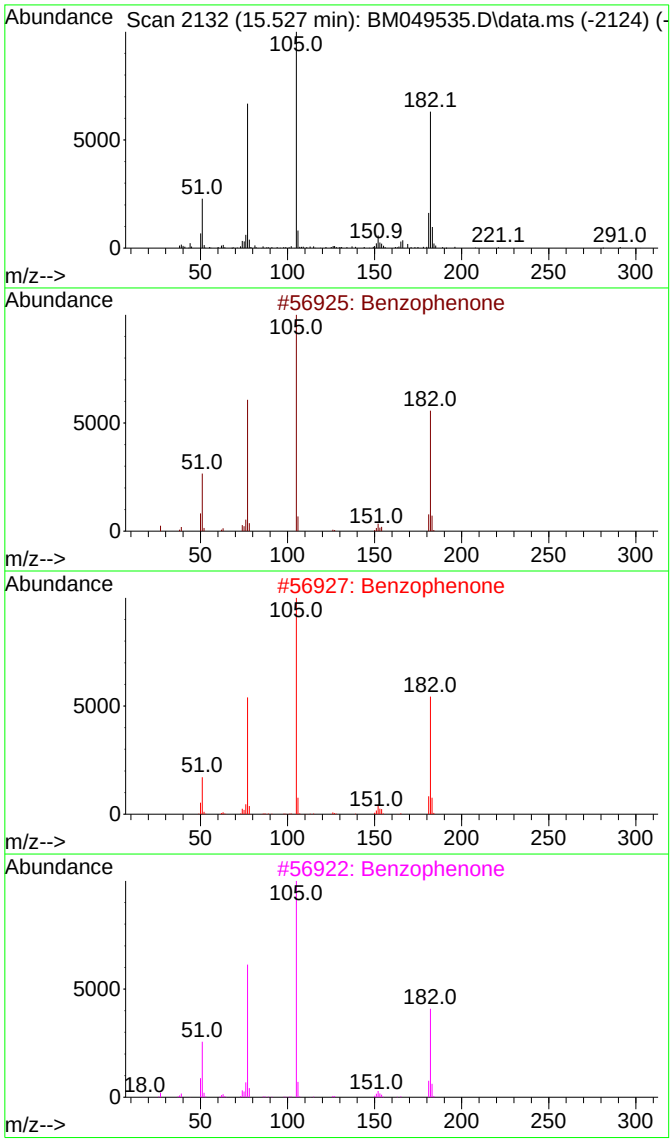
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

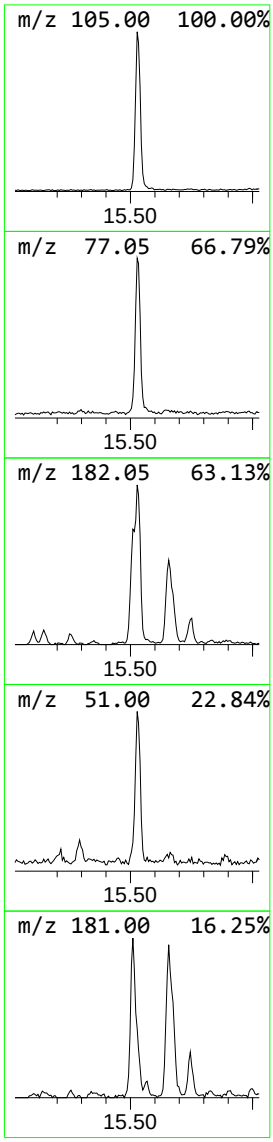
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	2.81 ng/ul	342826	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

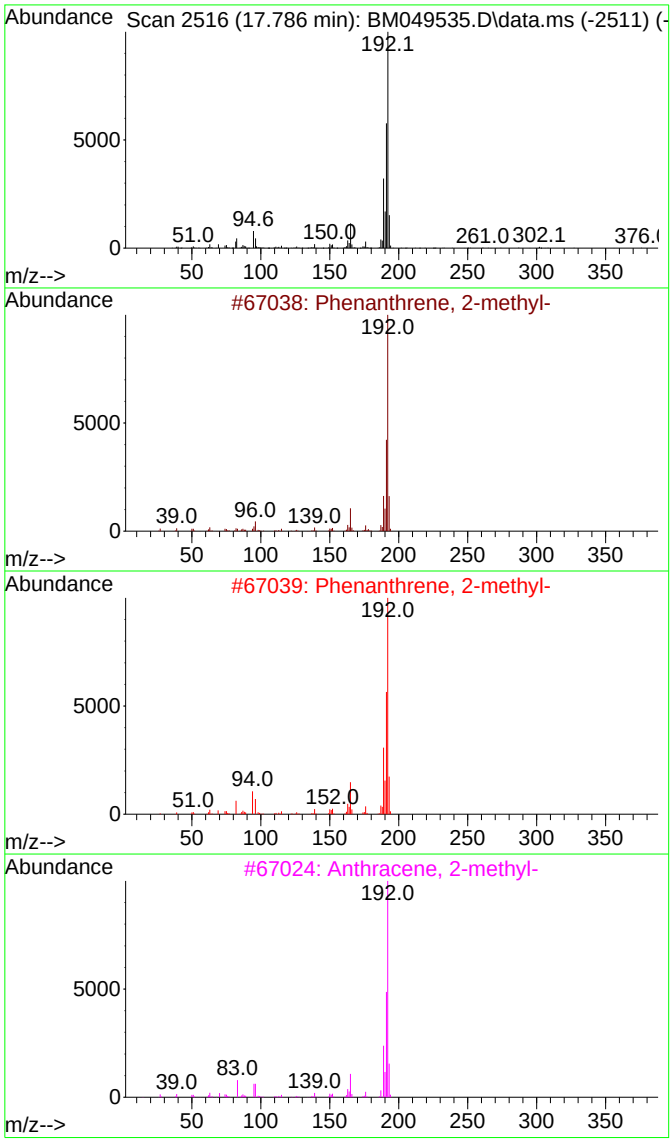
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

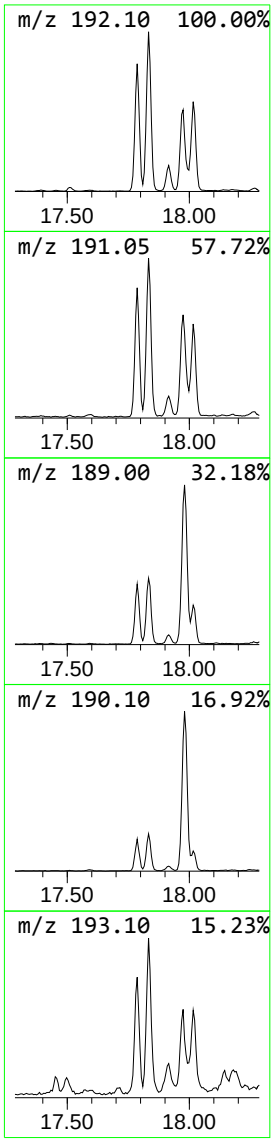
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	4.47 ng/ul	660567	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, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

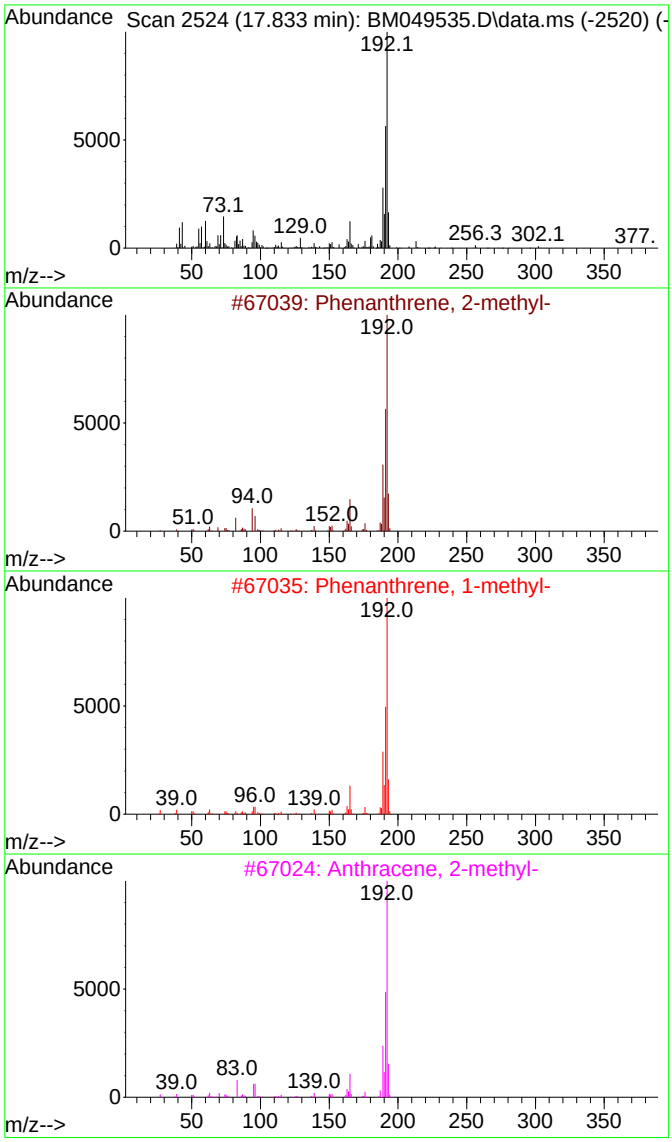
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

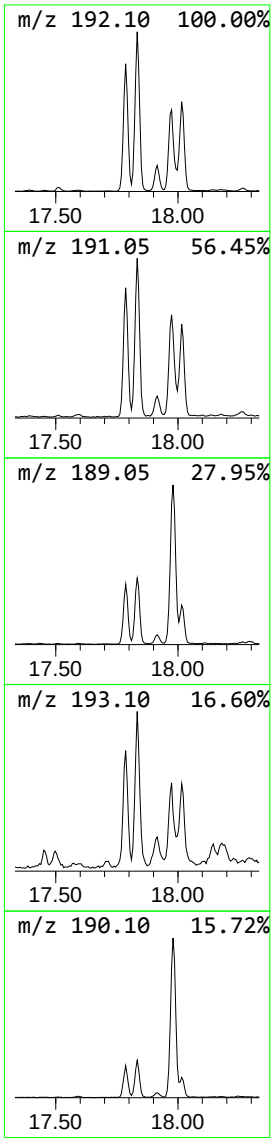
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	8.82 ng/ul	1304330	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

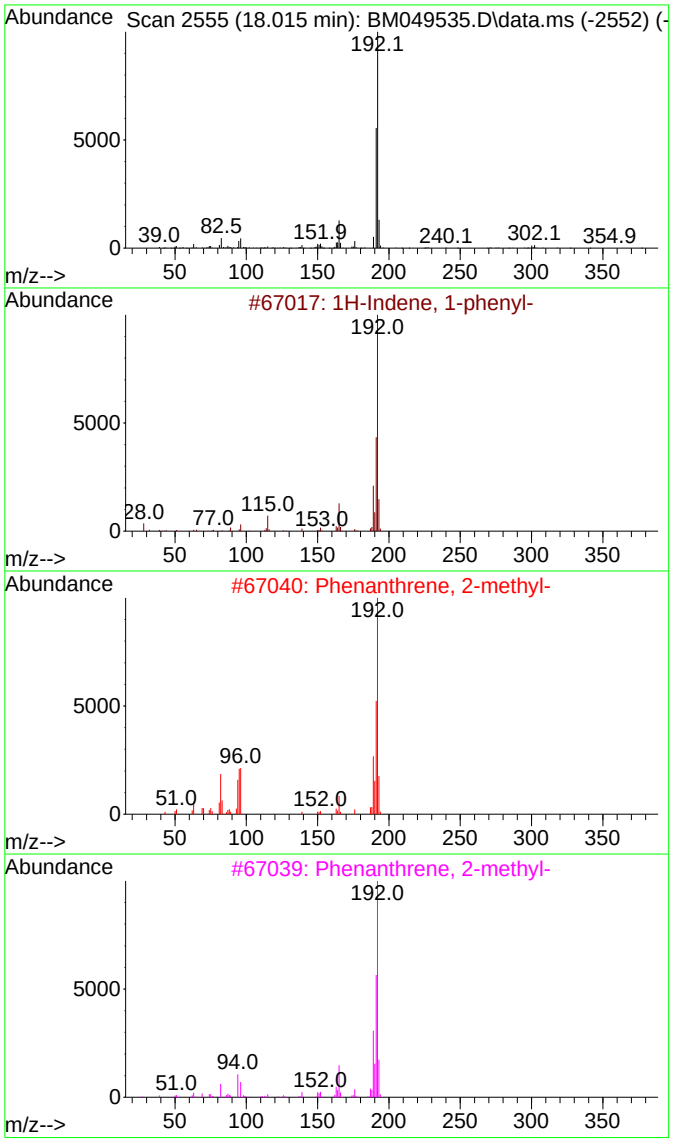
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

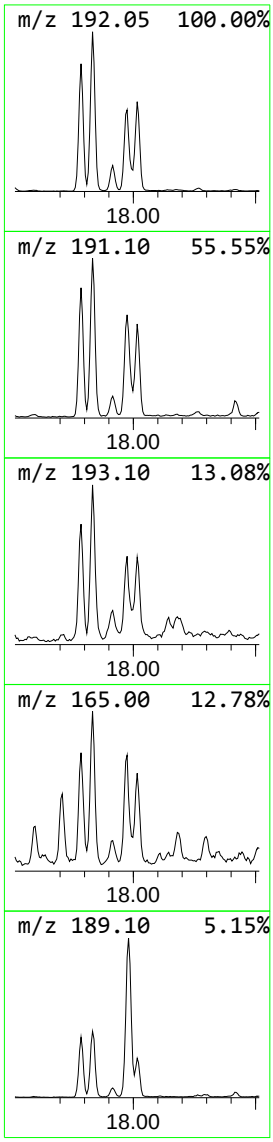
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 1-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	2.98 ng/ul	440634	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

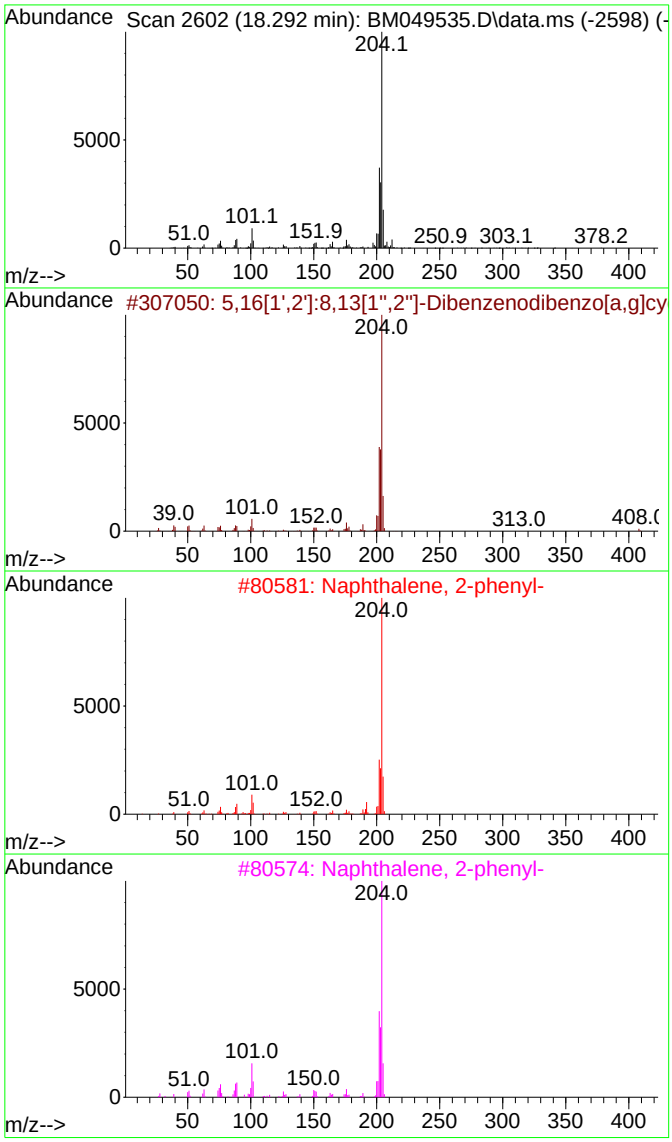
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

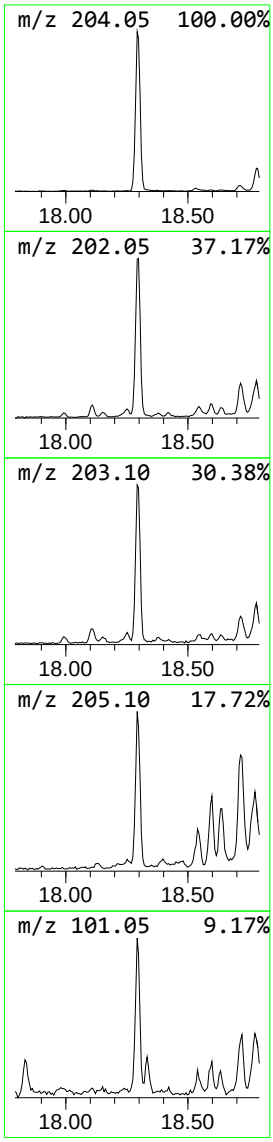
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	3.08 ng/ul	455023	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

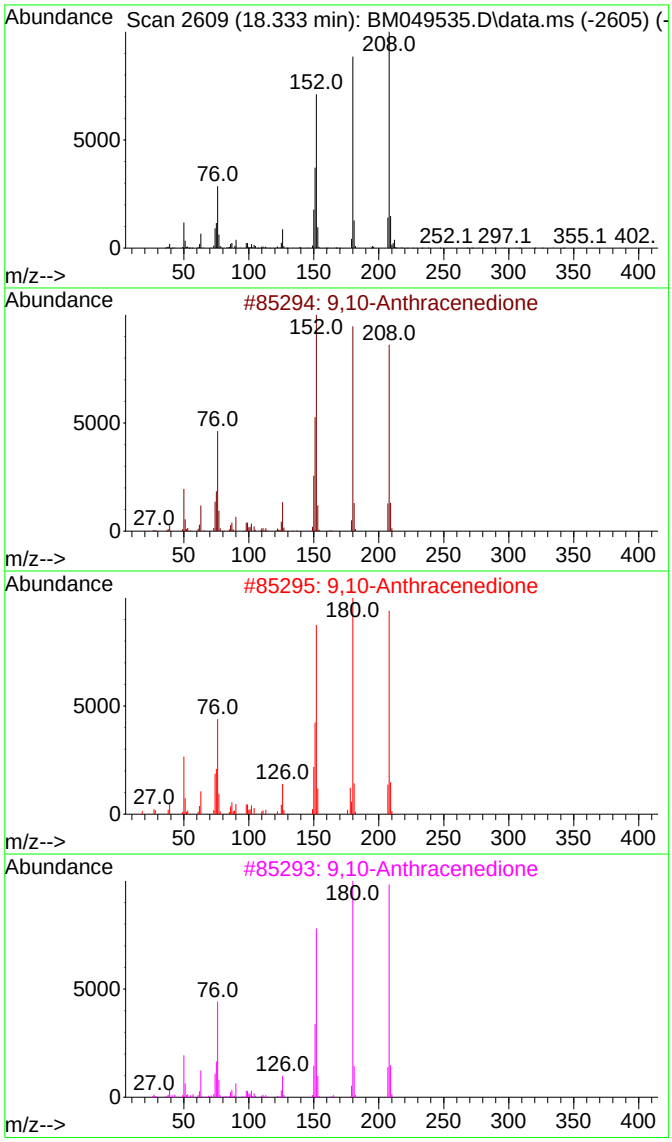
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

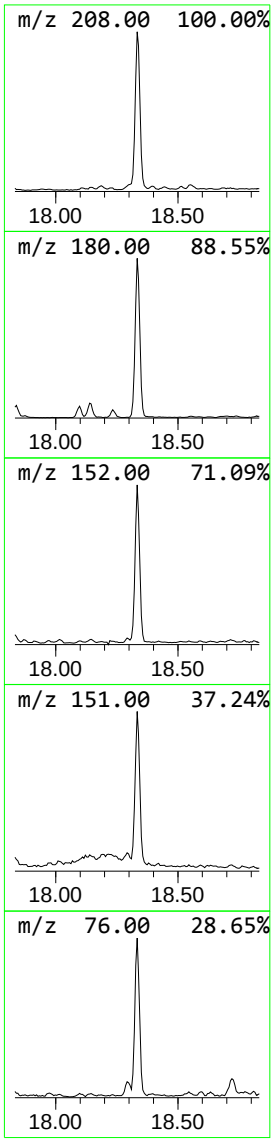
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	7.77 ng/ul	1148580	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

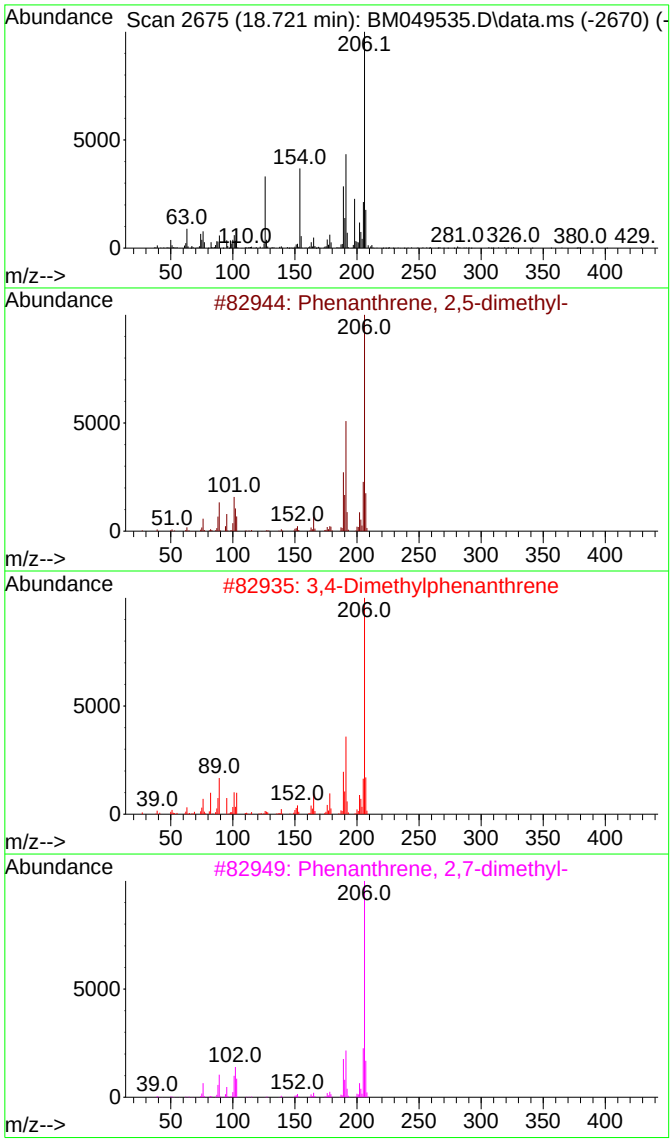
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

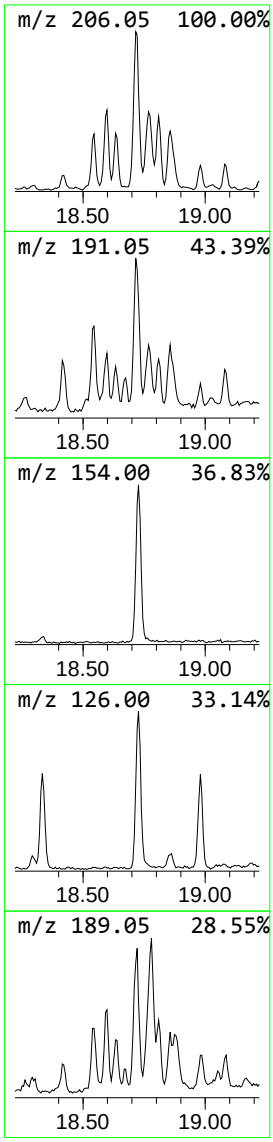
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.721	3.47 ng/ul	512294	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	92
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	70
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64





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Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

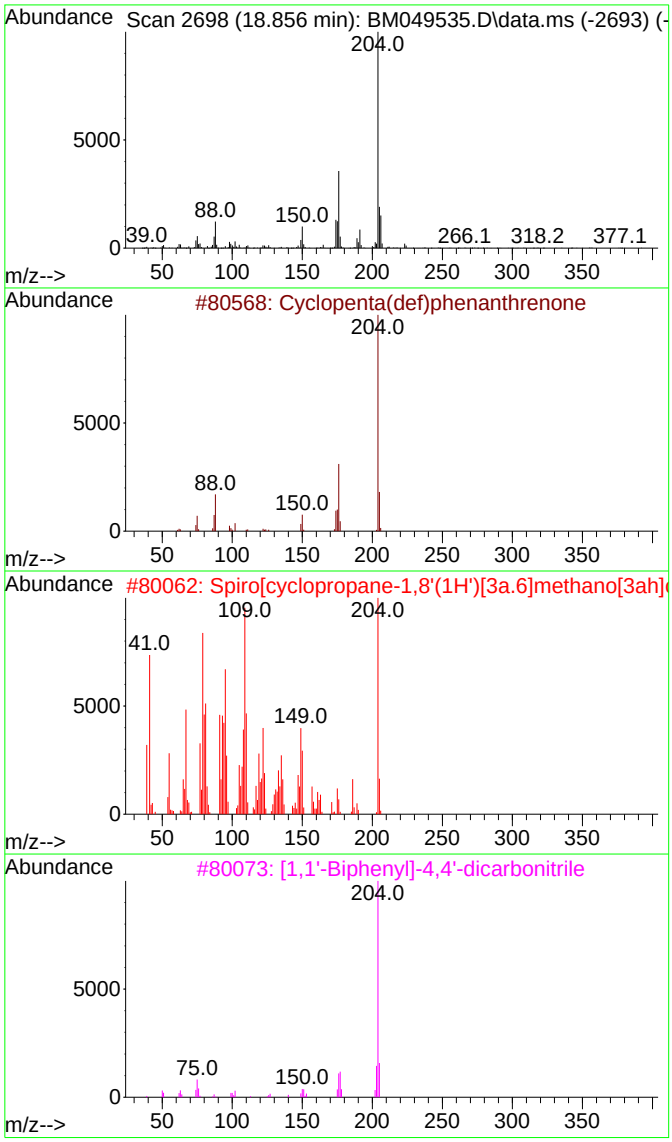
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

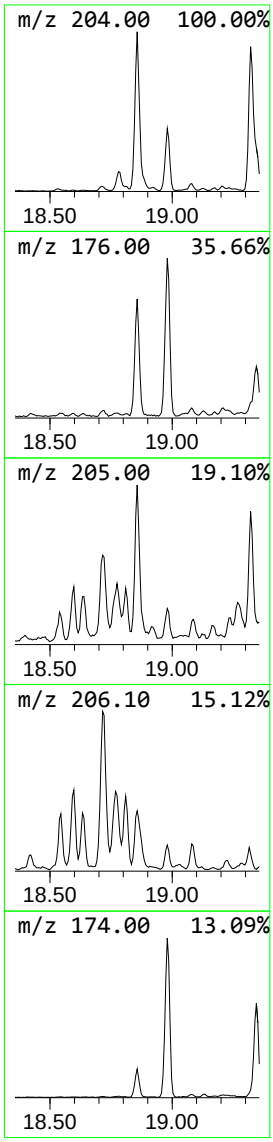
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	5.35 ng/ul	790123	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	83
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50





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Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

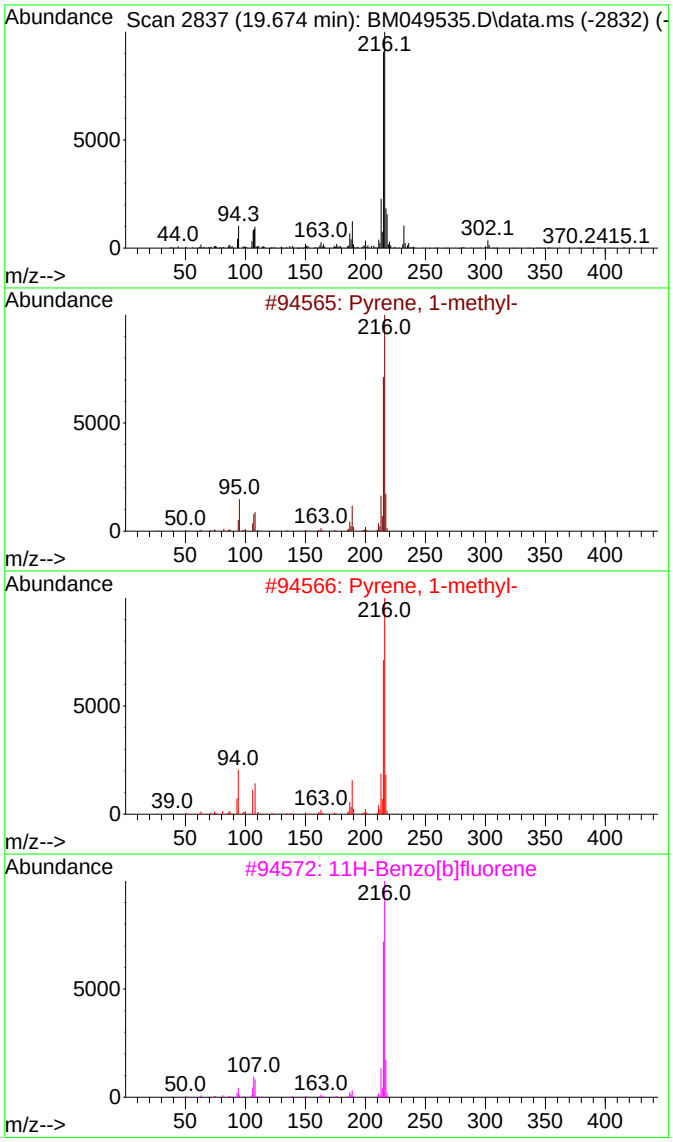
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

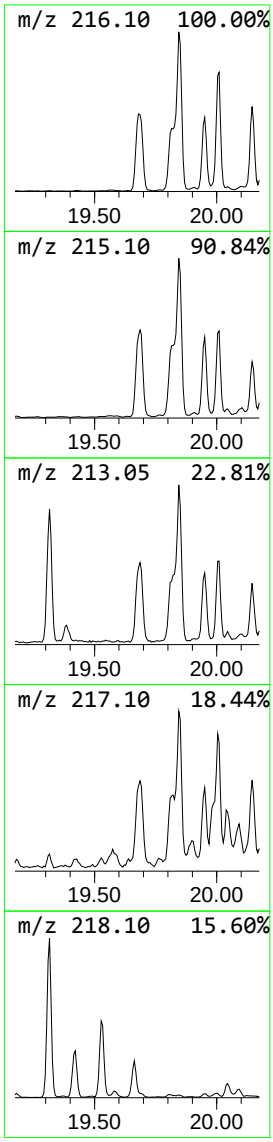
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.674	2.37 ng/ul	977917	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

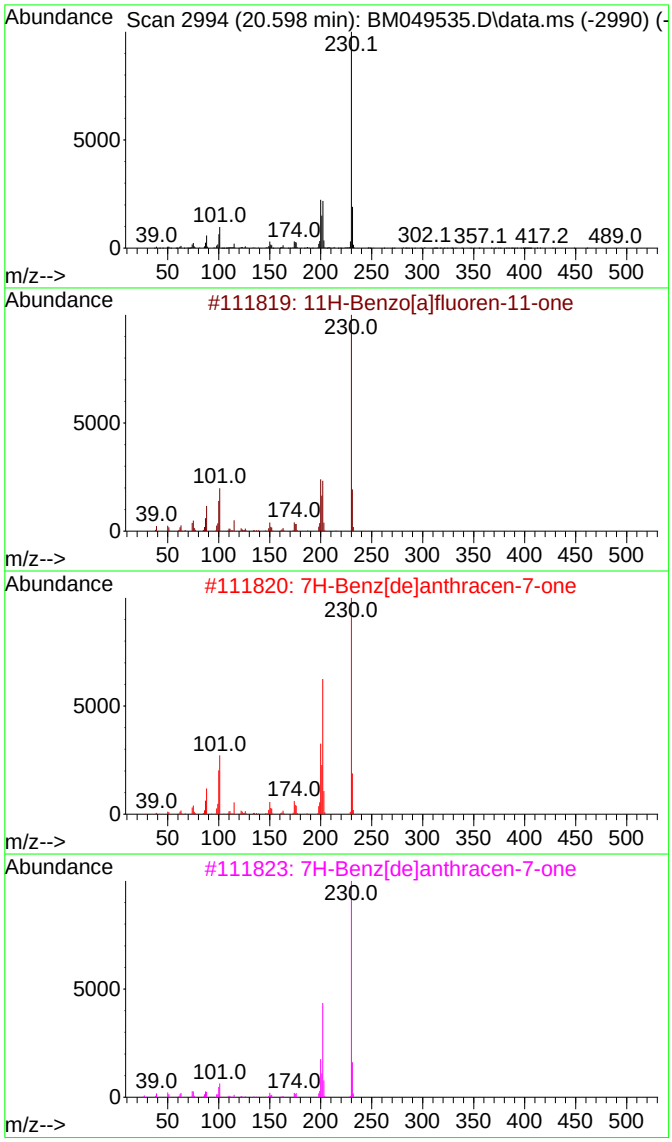
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

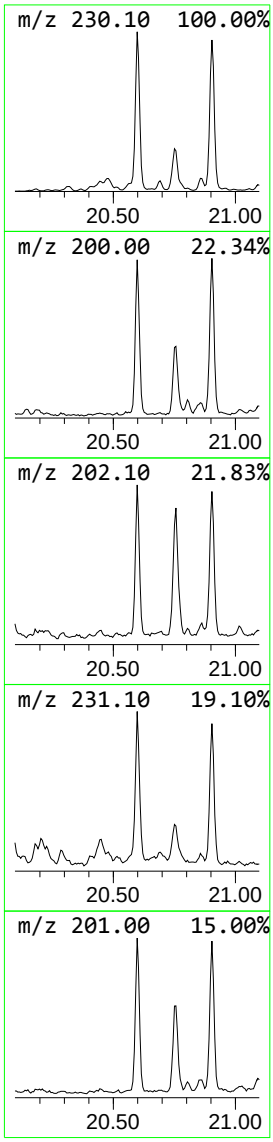
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.598	2.64 ng/ul	1093180	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

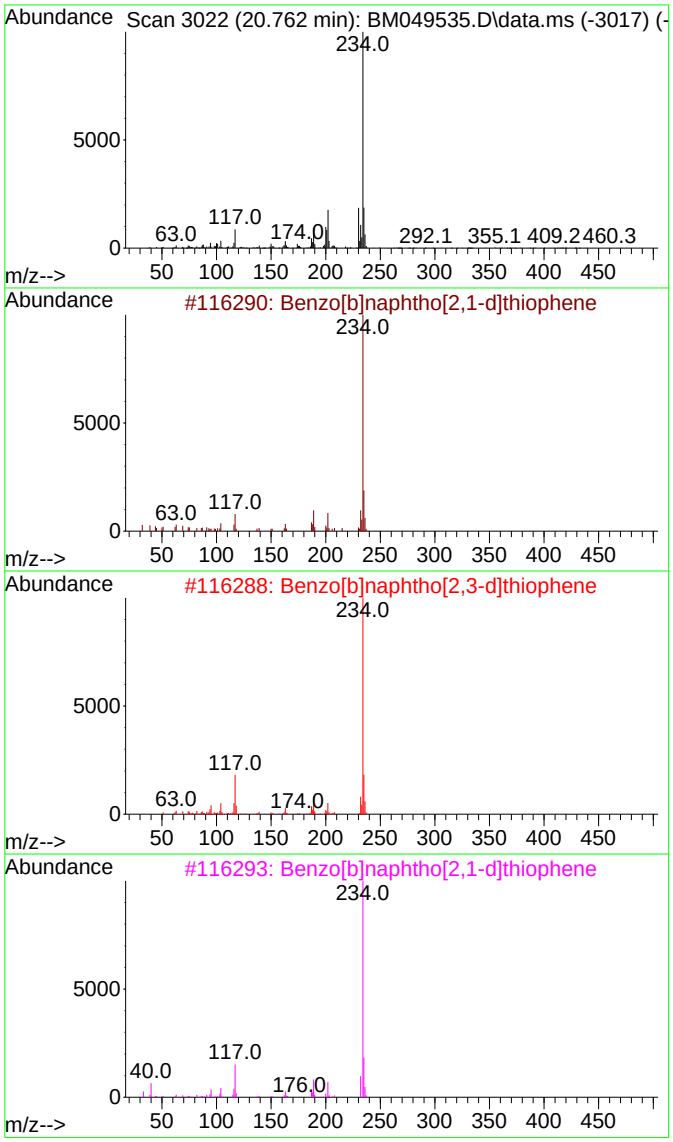
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

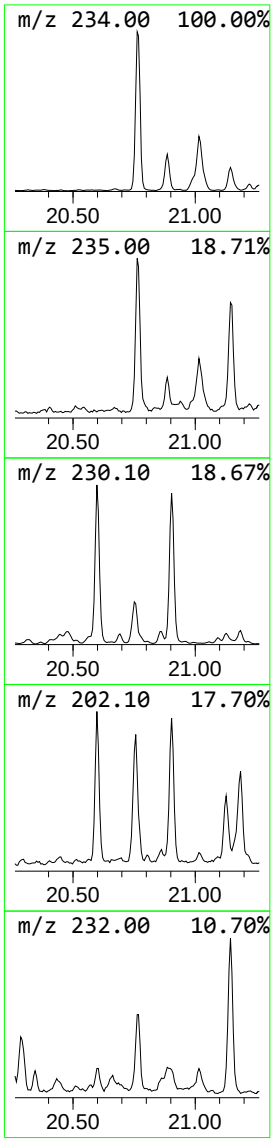
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.762	2.61 ng/ul	1080020	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	74





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Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

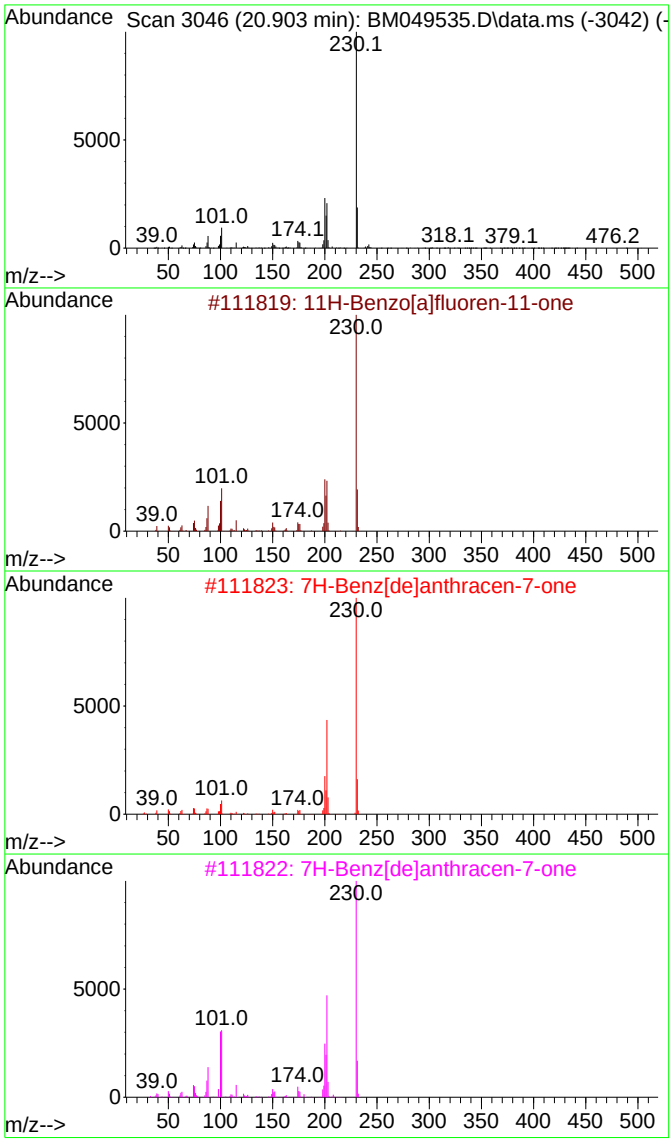
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

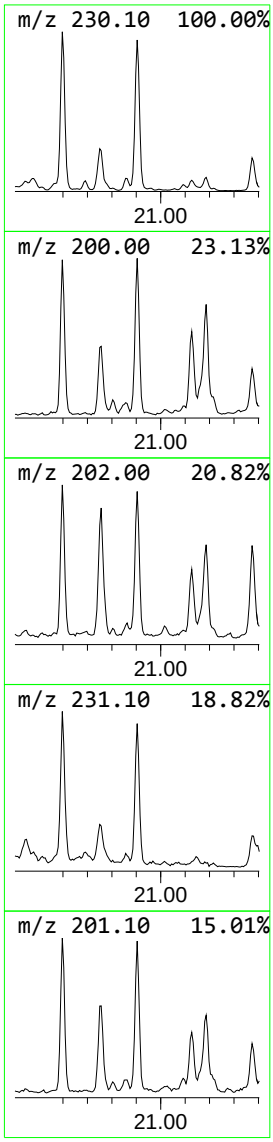
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.903	2.84 ng/ul	1175560	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

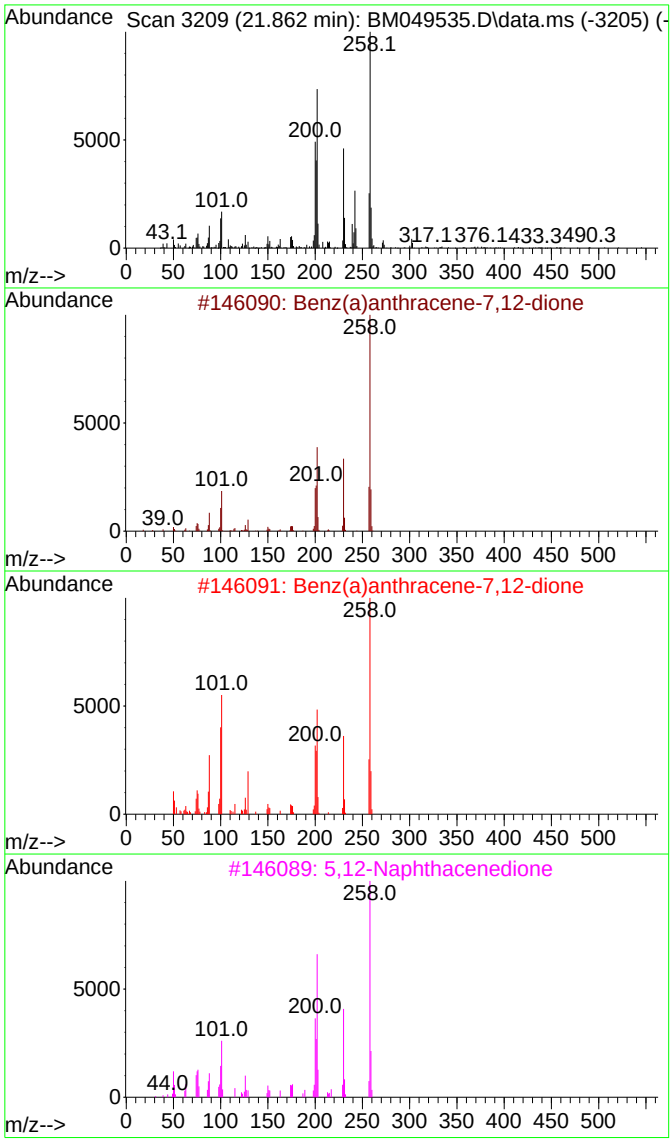
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

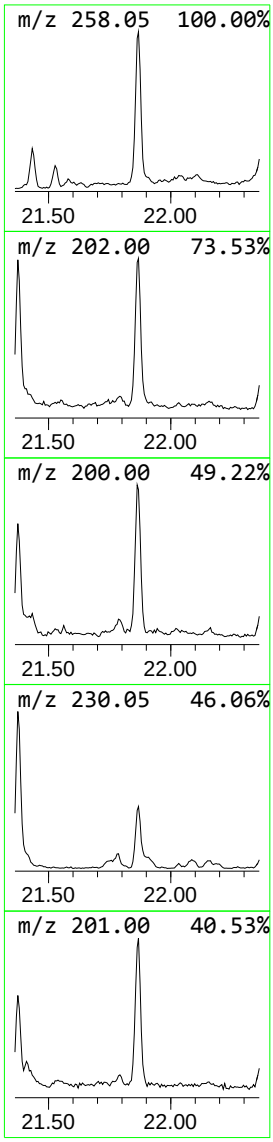
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benz(a)anthracene-7,12-dione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.862	2.03 ng/ul	839786	Chrysene-d12	21.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	91
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	91
5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	89





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Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

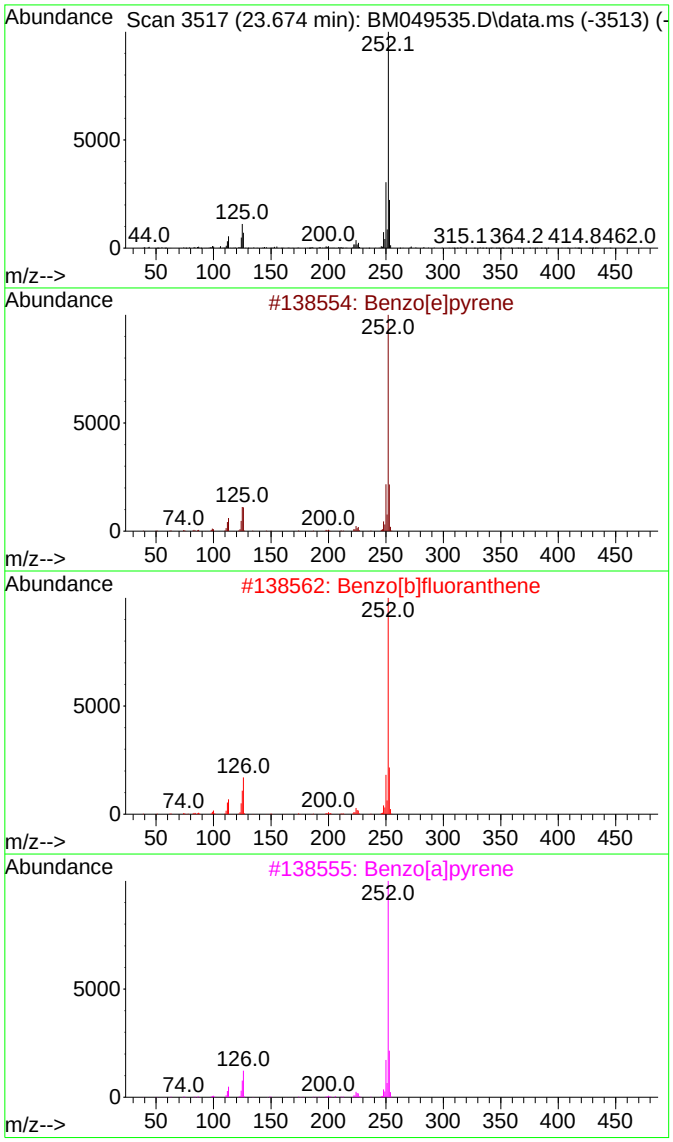
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

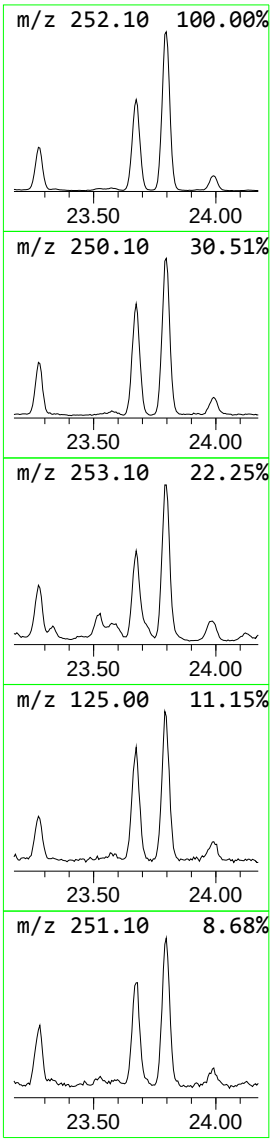
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.674	3.99 ng/ul	823651	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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	15.527	2.8	ng/ul	342826	3	14.151	2441510	20.0
Phenanthrene, 2...	17.786	4.5	ng/ul	660567	4	16.910	2956060	20.0
Phenanthrene, 1...	17.833	8.8	ng/ul	1304330	4	16.910	2956060	20.0
1H-Indene, 1-ph...	18.015	3.0	ng/ul	440634	4	16.910	2956060	20.0
5,16[1',2']:8,1...	18.292	3.1	ng/ul	455023	4	16.910	2956060	20.0
9,10-Anthracene...	18.333	7.8	ng/ul	1148580	4	16.910	2956060	20.0
Phenanthrene, 2...	18.721	3.5	ng/ul	512294	4	16.910	2956060	20.0
Cyclopenta(def)...	18.857	5.3	ng/ul	790123	4	16.910	2956060	20.0
Pyrene, 1-methyl-	19.674	2.4	ng/ul	977917	5	21.145	8268990	20.0
11H-Benzo[a]flu...	20.598	2.6	ng/ul	1093180	5	21.145	8268990	20.0
Benzo[b]naphtho...	20.762	2.6	ng/ul	1080020	5	21.145	8268990	20.0
7H-Benz[de]anth...	20.903	2.8	ng/ul	1175560	5	21.145	8268990	20.0
Benz(a)anthrace...	21.862	2.0	ng/ul	839786	5	21.145	8268990	20.0
Benzo[e]pyrene	23.674	4.0	ng/ul	823651	6	23.927	4133250	20.0