LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

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-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM037917.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.887	83	85	96	rBV2	18909	44469	0.38%	0.059%
2	4.193	132	137	141	rBV	20501	25198	0.21%	0.034%
3	7.234	648	654	661	rVB	68519	110081	0.93%	0.147%
4	7.404	675	683	689	rBV	56569	88102	0.75%	0.118%
5	7.610	711	718	726	rVB	70406	115778	0.98%	0.154%
6	8.081	789	798	806	rBV	990045	1540418	13.03%	2.055%
7	8.628	884	891	897	rBV	43185	84983	0.72%	0.113%
8	8.792	912	919	926	rBV2	76282	125915	1.06%	0.168%
9	9.251	990	997	1006	rVV	63714	107456	0.91%	0.143%
10	9.981	1111	1121	1127	rBV	49416	84859	0.72%	0.113%
11	10.522	1207	1213	1224	rBV	69344	123174	1.04%	0.164%
12	10.904	1267	1278	1283	rBV	1336009	2218318	18.76%	2.959%
13	10.951	1283	1286	1295	rVB	107730	173791	1.47%	0.232%
14	11.045	1295	1302	1314	rBV2	51690	109935	0.93%	0.147%
15	12.551	1552	1558	1565	rVB	73104	113286	0.96%	0.151%
16	12.680	1574	1580	1585	rBV6	10106	24935	0.21%	0.033%
17	12.775	1589	1596	1602	rVB2	39612	70662	0.60%	0.094%
18	13.522	1714	1723	1726	rBV2	30479	54189	0.46%	0.072%
19	13.551	1726	1728	1732	rVV2	23542	27004	0.23%	0.036%
20	13.598	1732	1736	1743	rVV5	16499	29193	0.25%	0.039%
21	13.874	1777	1783	1785	rBV7	16098	26396	0.22%	0.035%
22	14.033	1804	1810	1816	rBV6	17472	35546	0.30%	0.047%
23	14.116	1816	1824	1829	rBV	120836	197572	1.67%	0.264%
24	14.174	1829	1834	1838	rVB4	24964	43573	0.37%	0.058%
25	14.239	1839	1845	1854	rBV2	49835	112095	0.95%	0.150%
26	14.404	1868	1873	1876	rBV	141049	232073	1.96%	0.310%
27	14.439	1876	1879	1890	rVV	148715	240119	2.03%	0.320%
28	14.592	1900	1905	1909	rBV	109860	141117	1.19%	0.188%
29	14.710	1919	1925	1932	rVV	1827742	2700516	22.84%	3.603%
30	14.774	1932	1936	1945	rVB	123759	209740	1.77%	0.280%
31	14.910	1954	1959	1968	rVB7	24765	67477	0.57%	0.090%
32	15.021	1975	1978	1984	rVB7	14749	27946	0.24%	0.037%
33	15.104	1986	1992	1998	rBV	137420	230109	1.95%	0.307%
34	15.204	2006	2009	2015	rVB4	24499	38629	0.33%	0.052%
35	15.327	2025	2030	2034	rBV2	35346	57502	0.49%	0.077%
36	15.480	2052	2056	2061	rBV6	14264	27344	0.23%	0.036%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

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-BM120722.M
Title : SVOA CALIBRATION

37	15.533	2061	2065	2070	rVB	141852	179818	1.52%	0.240%
38	15.698	2088	2093	2098	rBV	184486	253286	2.14%	0.338%
39	15.751	2098	2102	2109	rVV2	234052	344722	2.92%	0.460%
40	15.816	2110	2113	2120	rVB7	30433	63857	0.54%	0.085%
41	15.939	2126	2134	2138	rBV2	65244	144653	1.22%	0.193%
42	16.057	2147	2154	2157	rBV6	52088	106580	0.90%	0.142%
43	16.157	2167	2171	2174	rBV4	33671	49515	0.42%	0.066%
44	16.192	2174	2177	2183	rVB	33891	62757	0.53%	0.084%
45	16.392	2207	2211	2214	rBV	249020	352277	2.98%	0.470%
46	16.421	2214	2216	2228	rVB3	184520	296329	2.51%	0.395%
47	16.745	2267	2271	2277	rBV8	32493	62190	0.53%	0.083%
48	16.851	2287	2289	2293	rVB5	27415	30653	0.26%	0.041%
49	16.904	2294	2298	2303	rBV3	46067	62725	0.53%	0.084%
50	16.968	2307	2309	2313	rVV3	22827	31734	0.27%	0.042%
51	17.104	2327	2332	2337	rBV	117451	176873	1.50%	0.236%
52	17.186	2342	2346	2351	rVV	278948	373515	3.16%	0.498%
53	17.239	2351	2355	2358	rVV	143135	223188	1.89%	0.298%
54	17.268	2358	2360	2367	rVB	91790	120361	1.02%	0.161%
55	17.451	2385	2391	2395	rBV	2186217	3092090	26.15%	4.125%
56	17.492	2395	2398	2403	rVV	1203109	1636048	13.84%	2.183%
57	17.551	2404	2408	2409	rVV2	227350	300820	2.54%	0.401%
58	17.586	2409	2414	2420	rVV	4773739	6636755	56.13%	8.854%
59	17.645	2420	2424	2433	rVV	183707	382997	3.24%	0.511%
60	17.727	2434	2438	2444	rVB2	76465	122902	1.04%	0.164%
61	17.851	2454	2459	2468	rBV	586269	833887	7.05%	1.112%
62	17.927	2468	2472	2476	rVB	266663	310816	2.63%	0.415%
63	17.968	2476	2479	2483	rBV3	45735	60807	0.51%	0.081%
64	18.321	2536	2539	2543	rVV2	143299	183782	1.55%	0.245%
65	18.374	2544	2548	2553	rVB2	191101	276839	2.34%	0.369%
66	18.451	2558	2561	2567	rVB	179327	255329	2.16%	0.341%
67	18.521	2568	2573	2578	rBV	743380	1134223	9.59%	1.513%
68	18.615	2585	2589	2594	rVB	266133	329314	2.79%	0.439%
69	18.715	2602	2606	2610	rBV	111765	165090	1.40%	0.220%
70	18.821	2621	2624	2627	rVB	96110	113701	0.96%	0.152%
71	18.862	2627	2631	2636	rBV	369505	472439	4.00%	0.630%
72	19.245	2691	2696	2701	rBV2	233109	326672	2.76%	0.436%
73	19.380	2714	2719	2727	rBV	1769121	2376788	20.10%	3.171%
74	19.498	2734	2739	2745	rVB	3541706	4681121	39.59%	6.245%
75	19.598	2752	2756	2761	rVB	190777	251873	2.13%	0.336%
76	19.745	2779	2781	2790	rVB	375798	449997	3.81%	0.600%

LSC Area Percent Report

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Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

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-BM120722.M
Title : SVOA CALIBRATION

77	19.833	2790	2796	2797	rBV3	721296	1098901	9.29%	1.466%
78	19.868	2797	2802	2809	rVV	8416689	11823902	100.00%	15.773%
79	19.927	2809	2812	2818	rVB3	135440	211343	1.79%	0.282%
80	20.039	2828	2831	2837	rVB	130236	147864	1.25%	0.197%
81	20.104	2837	2842	2848	rVB	813776	1173962	9.93%	1.566%
82	20.180	2850	2855	2856	rBV3	202368	295163	2.50%	0.394%
83	20.351	2873	2884	2888	rVB3	537757	1486439	12.57%	1.983%
84	20.398	2889	2892	2896	rBV	206751	242303	2.05%	0.323%
85	20.451	2897	2901	2904	rBV	304269	387787	3.28%	0.517%
86	20.509	2905	2911	2915	rVV2	487268	750884	6.35%	1.002%
87	20.651	2931	2935	2939	rBV2	414678	552183	4.67%	0.737%
88	20.698	2939	2943	2947	rVB	277737	364072	3.08%	0.486%
89	21.098	3008	3011	3017	rVB2	275194	373672	3.16%	0.498%
90	21.268	3036	3040	3042	rBV	258095	320865	2.71%	0.428%
91	21.303	3043	3046	3049	rVV3	317961	392547	3.32%	0.524%
92	21.345	3049	3053	3057	rVB2	602292	795971	6.73%	1.062%
93	21.621	3094	3100	3104	rBV2	2187267	4511485	38.16%	6.018%
94	21.662	3104	3107	3114	rVB	1333450	1774133	15.00%	2.367%
95	21.792	3125	3129	3135	rVB2	312090	519784	4.40%	0.693%
96	21.950	3153	3156	3161	rVB2	272381	399126	3.38%	0.532%
97	23.350	3387	3394	3400	rBV	1935202	4700098	39.75%	6.270%
98	23.886	3480	3485	3491	rBV	820518	1531021	12.95%	2.042%
99	23.997	3499	3504	3511	rVB	963403	1872230	15.83%	2.498%
100	24.109	3517	3523	3528	rBV2	1177516	2246041	19.00%	2.996%

Sum of corrected areas: 74960599

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
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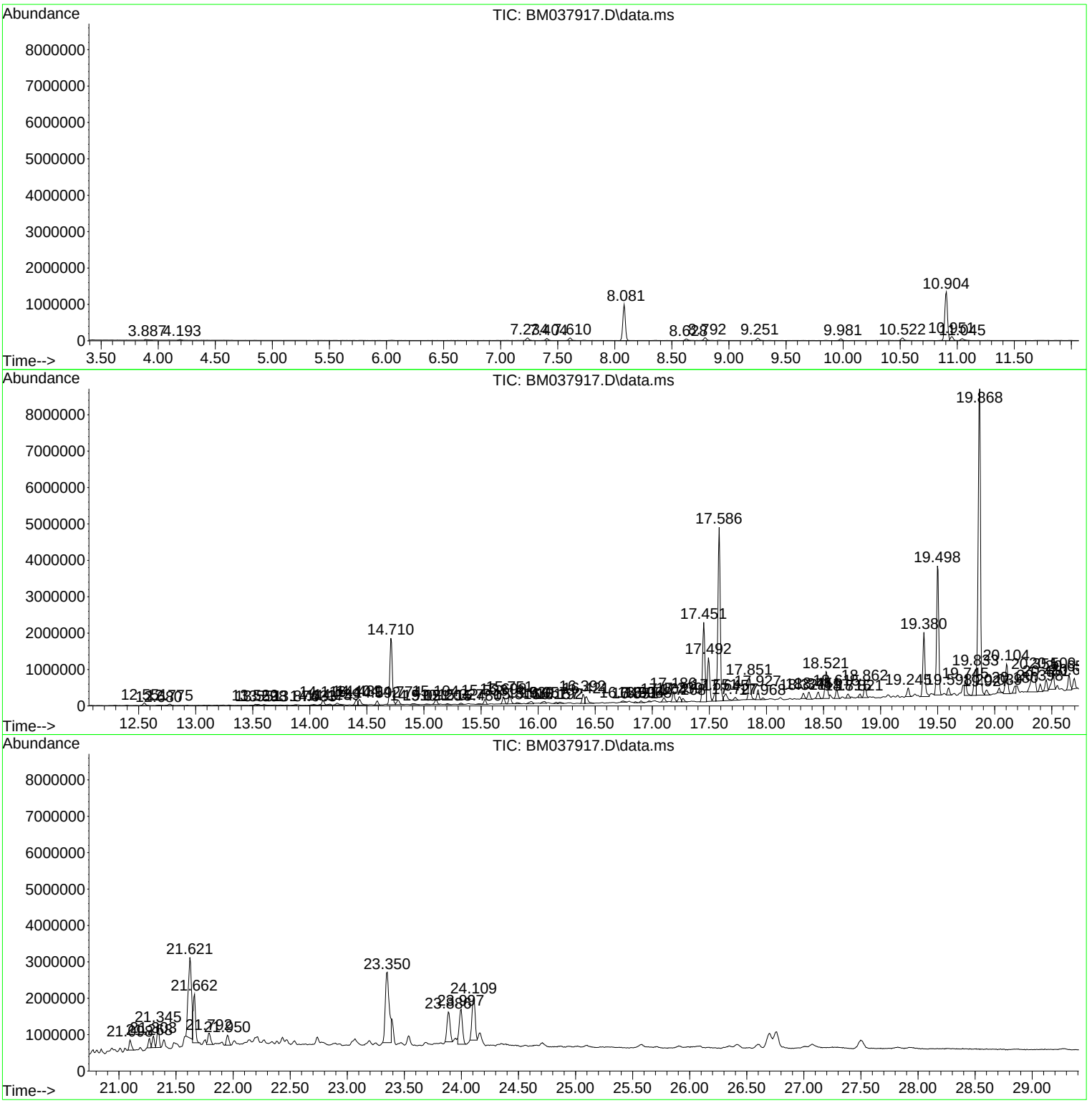
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

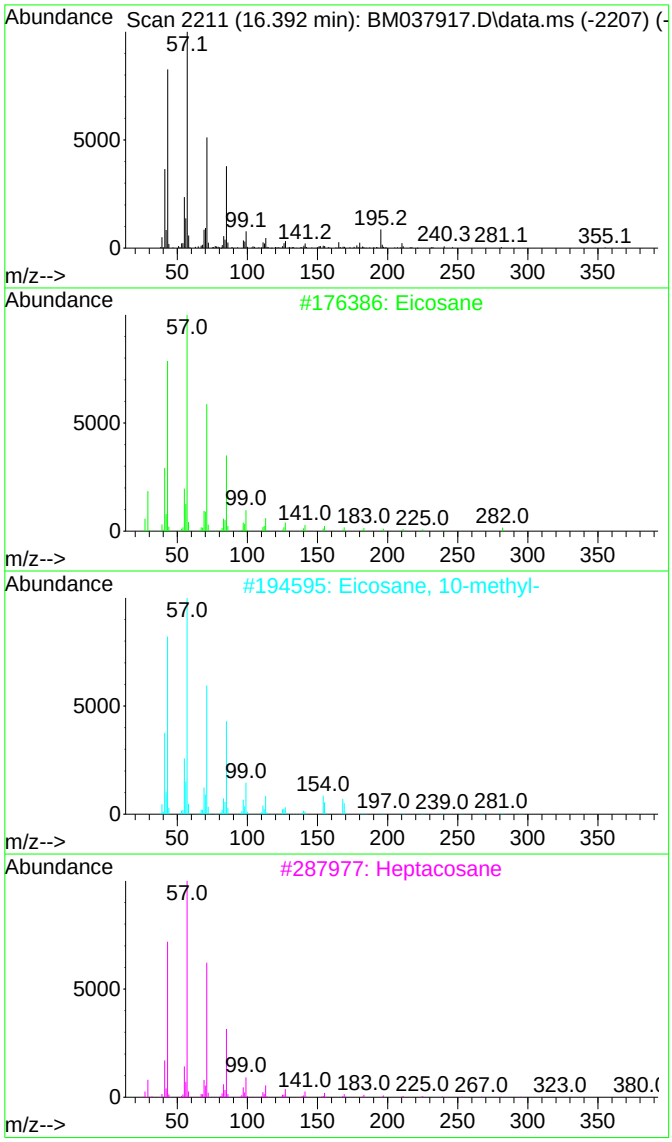
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

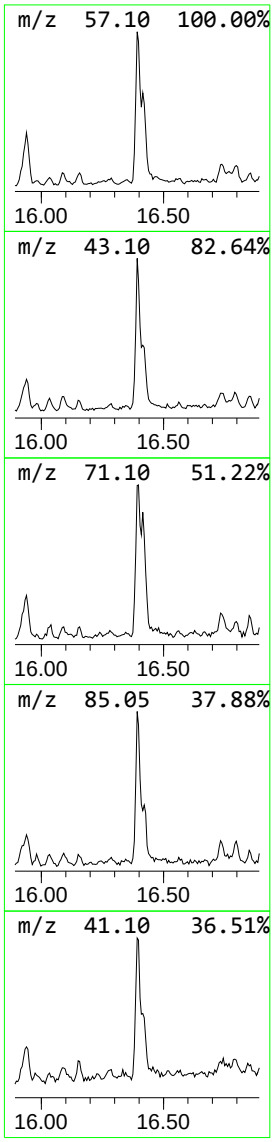
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	2.28 ng/ul	352277	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

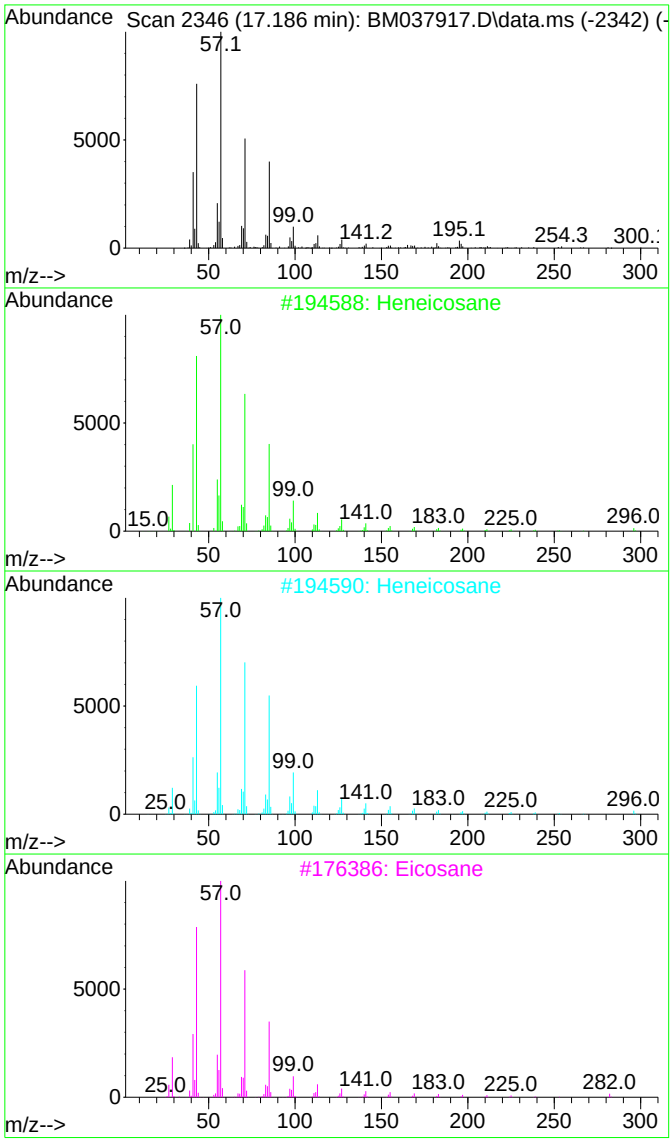
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

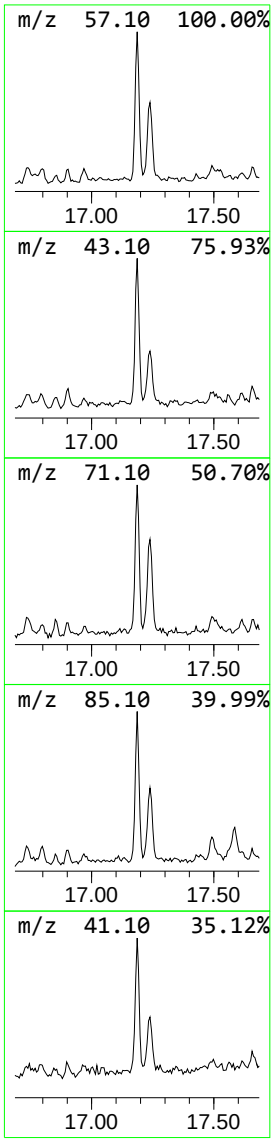
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	2.42 ng/ul	373515	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

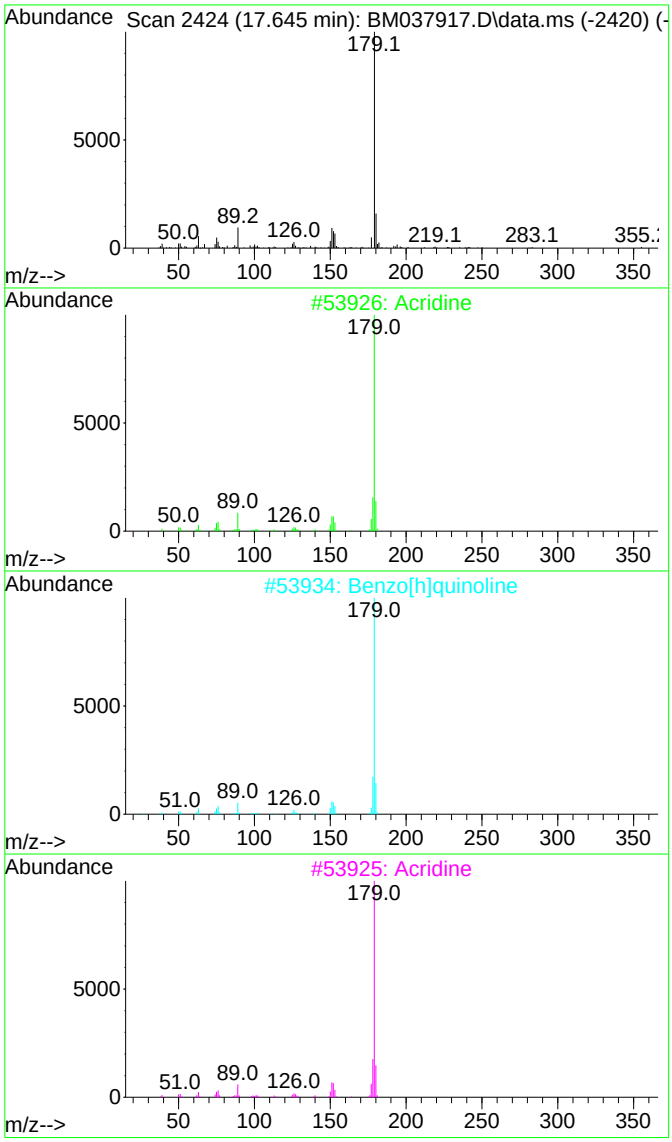
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

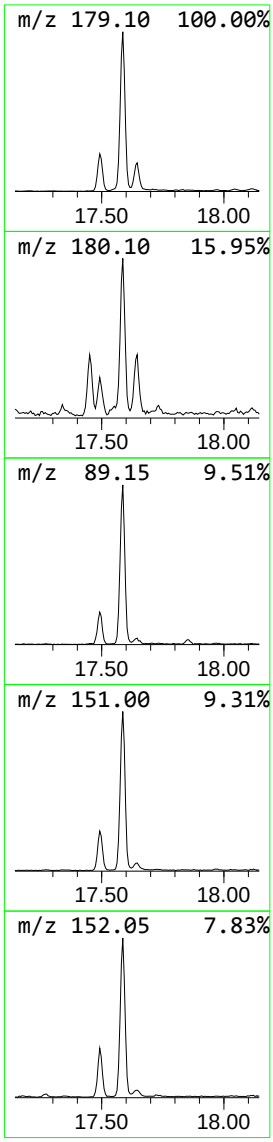
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Acridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	2.48 ng/ul	382997	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	91
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
3	Acridine	179	C13H9N	000260-94-6	90
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	90
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

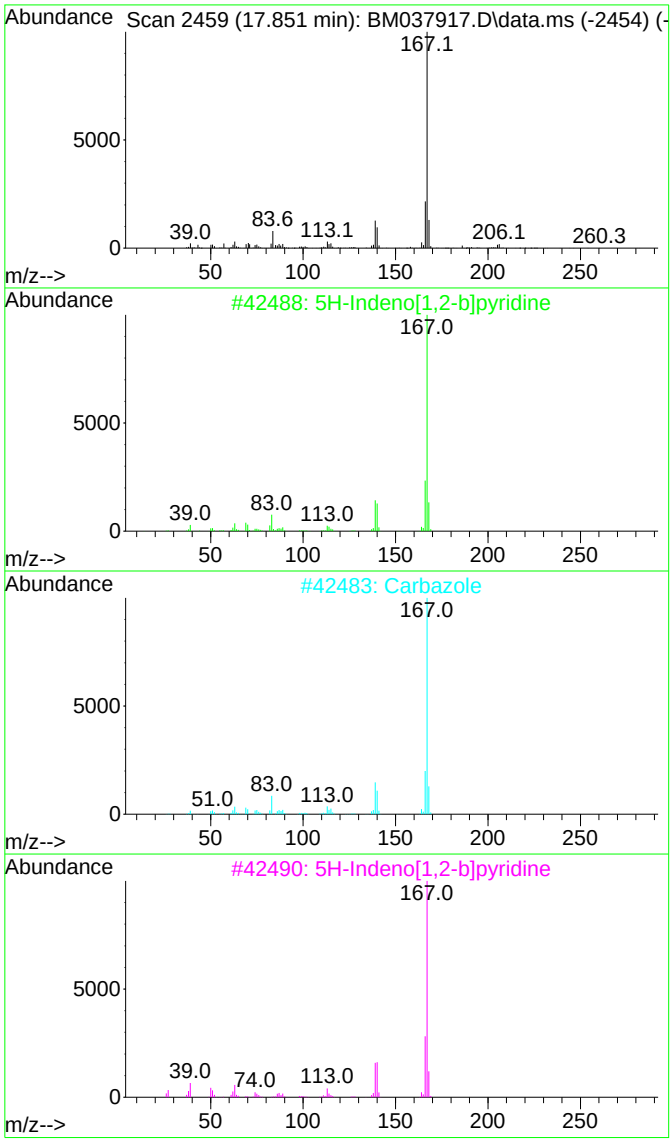
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

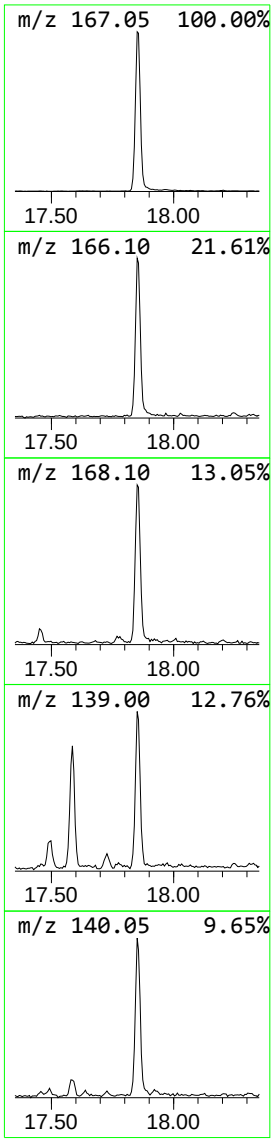
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	5.39 ng/ul	833887	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
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	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

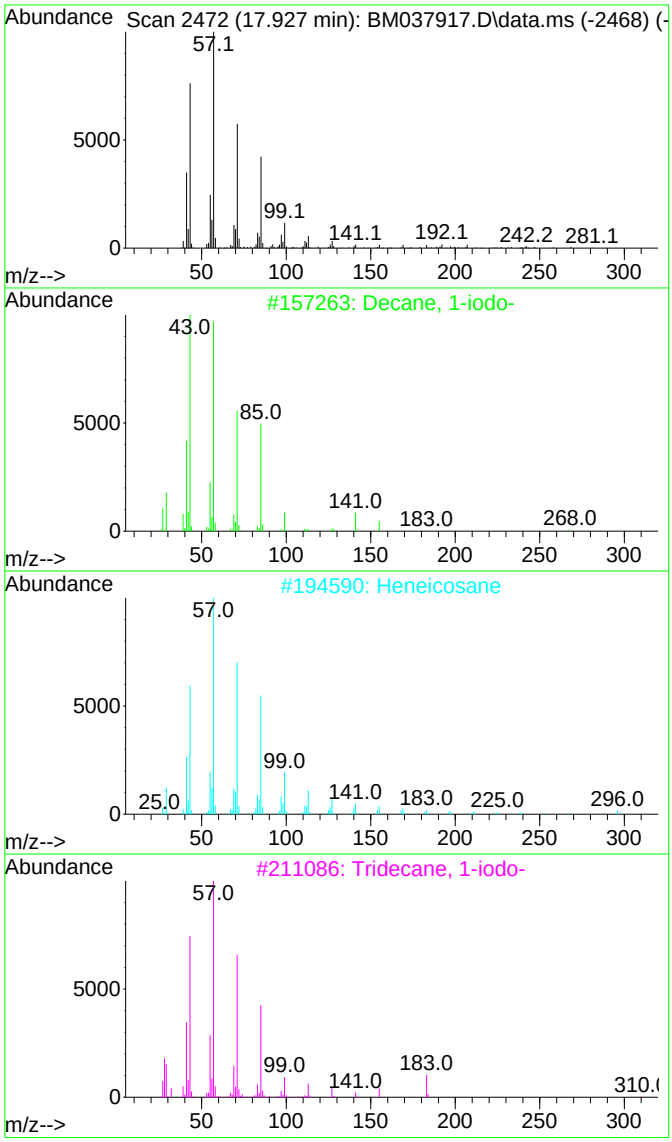
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

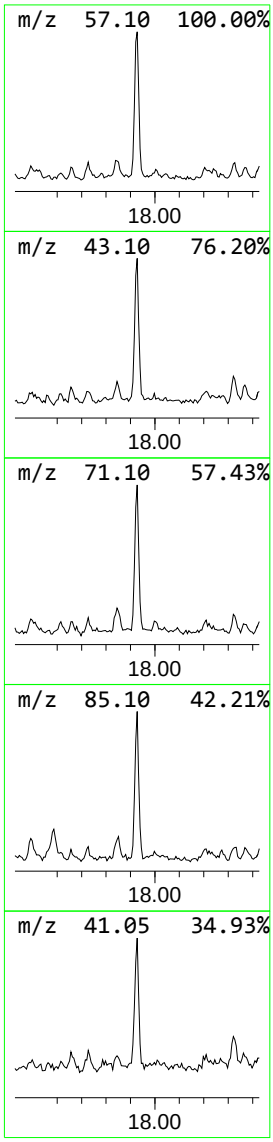
****

Peak Number 5 Decane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	2.01 ng/ul	310816	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonadecane	268	C19H40	000629-92-5	87





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Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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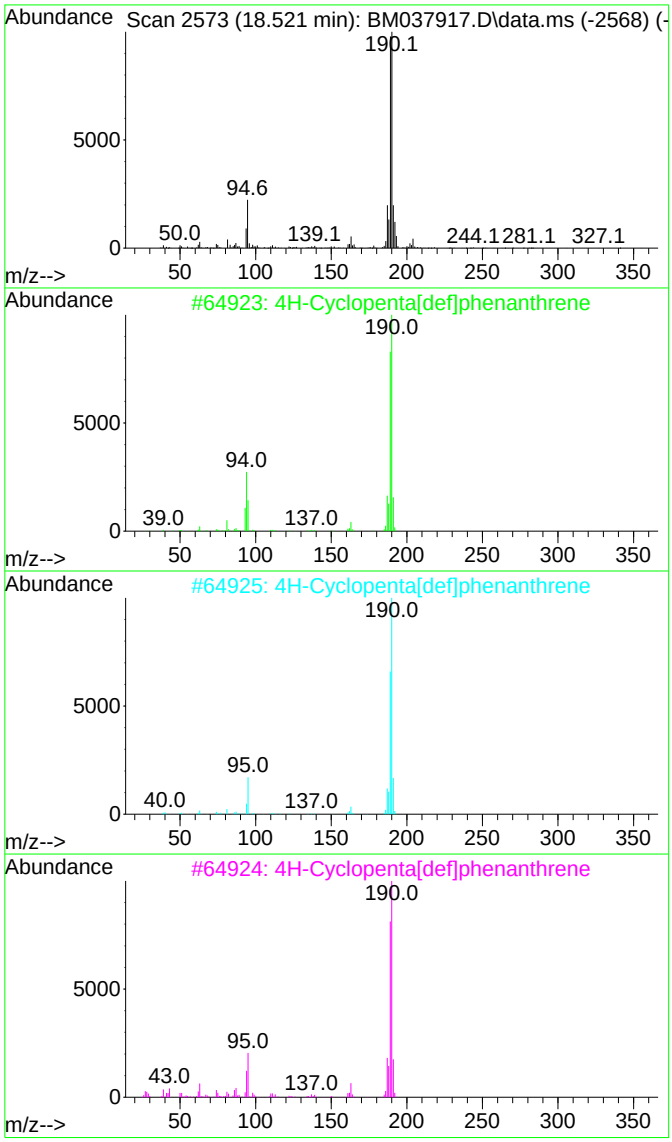
Quant Title : SVOA CALIBRATION

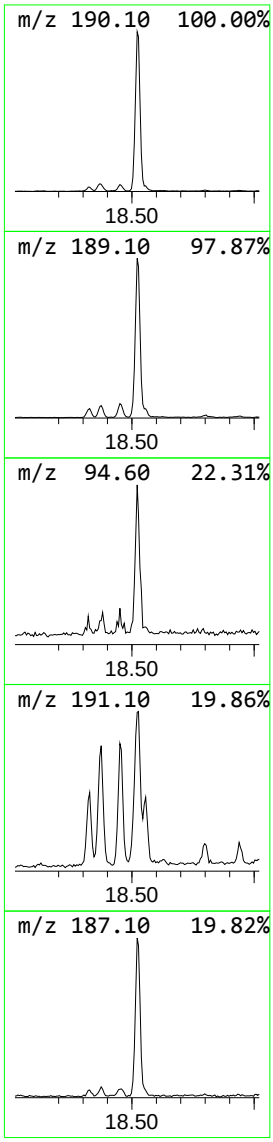
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	7.34 ng/ul	1134220	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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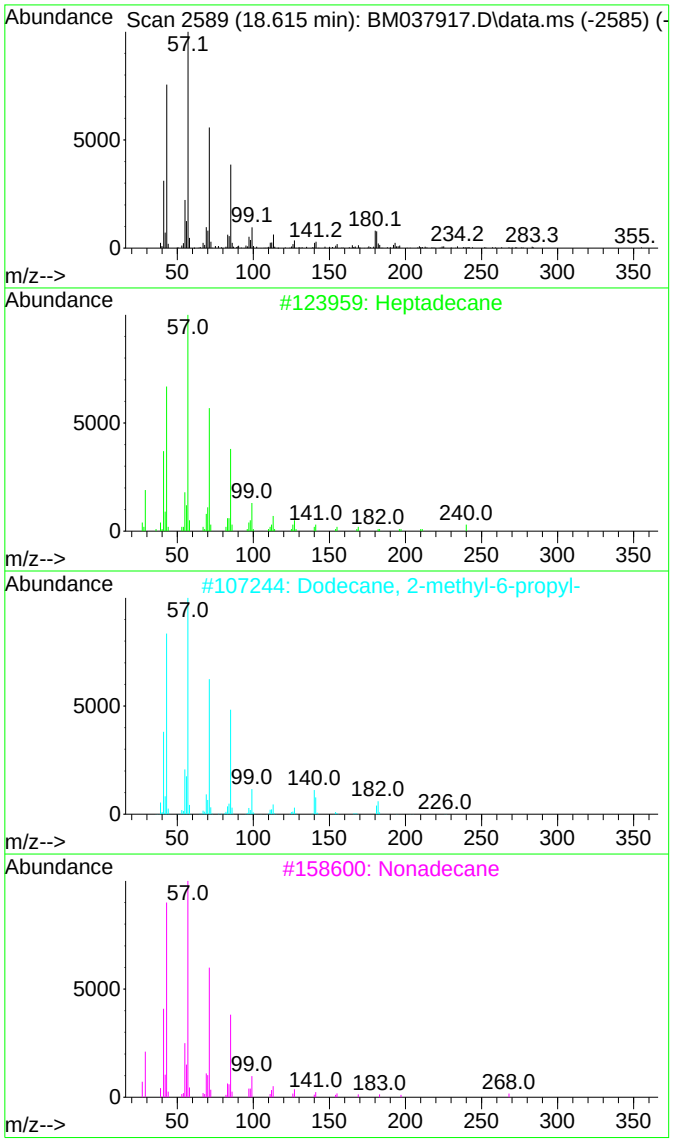
Quant Title : SVOA CALIBRATION

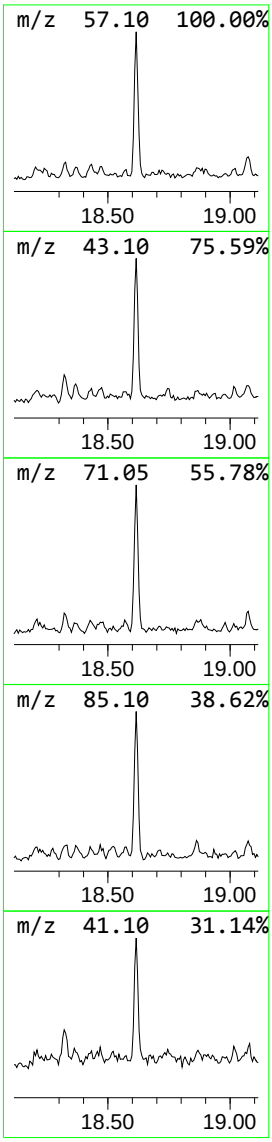
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	2.13 ng/ul	329314	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octadecane	254	C18H38	000593-45-3	83





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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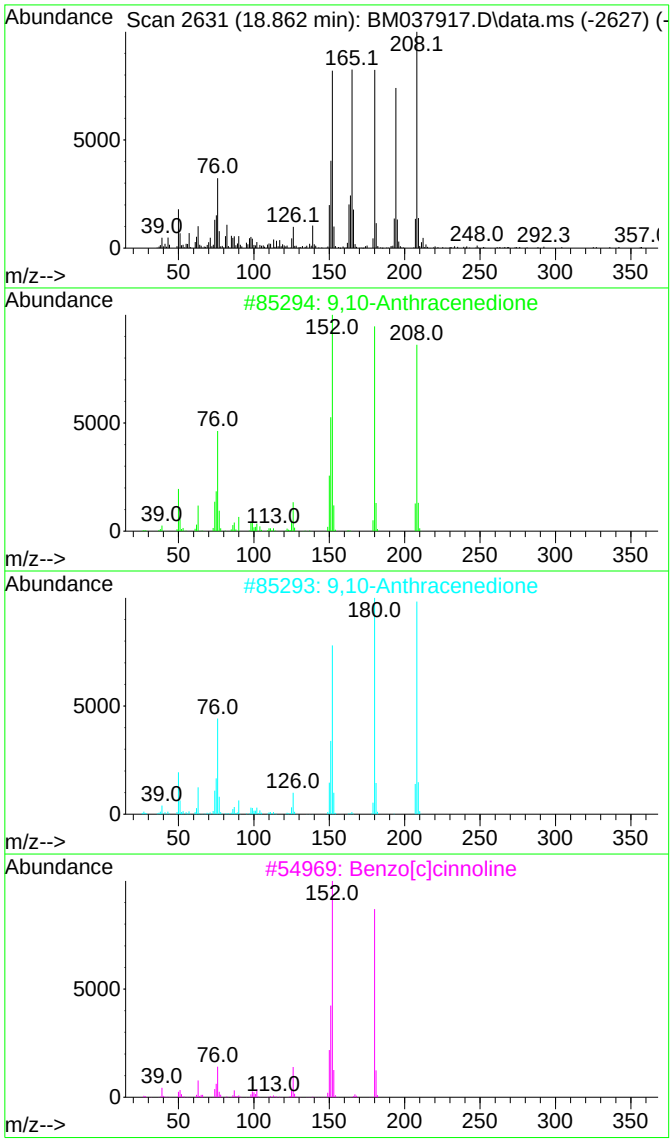
Quant Title : SVOA CALIBRATION

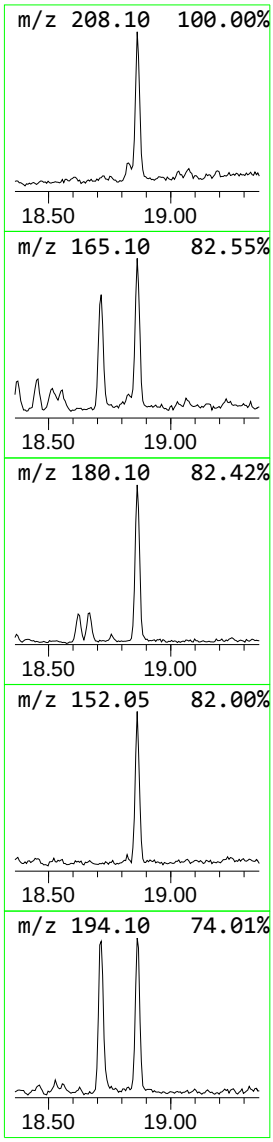
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	3.06 ng/ul	472439	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	74





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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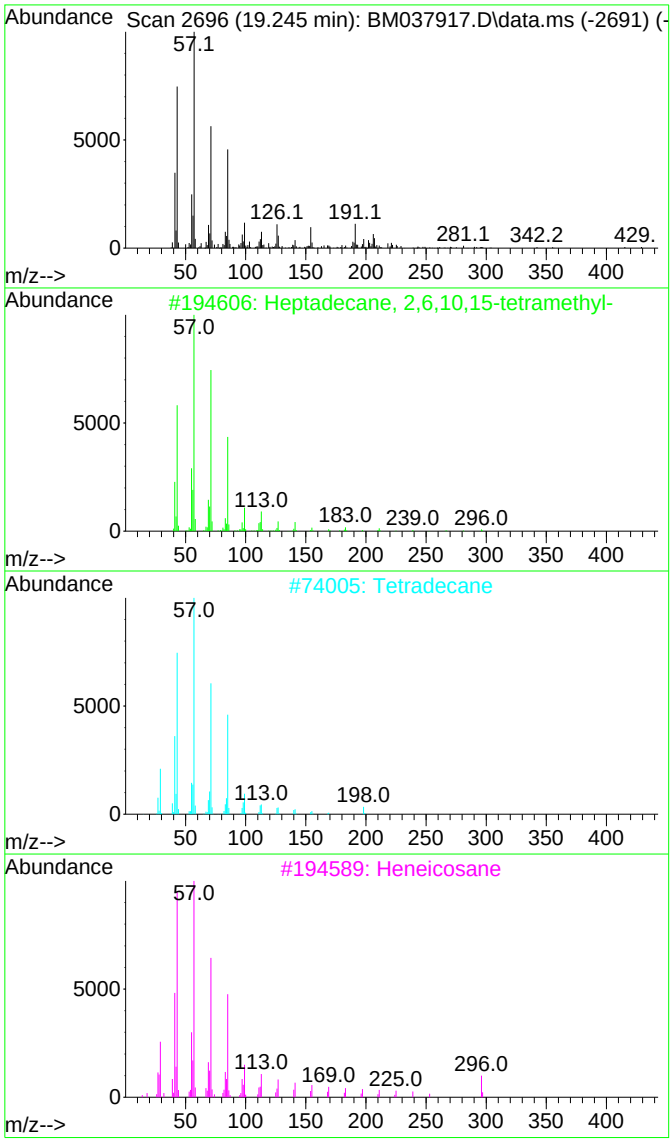
Quant Title : SVOA CALIBRATION

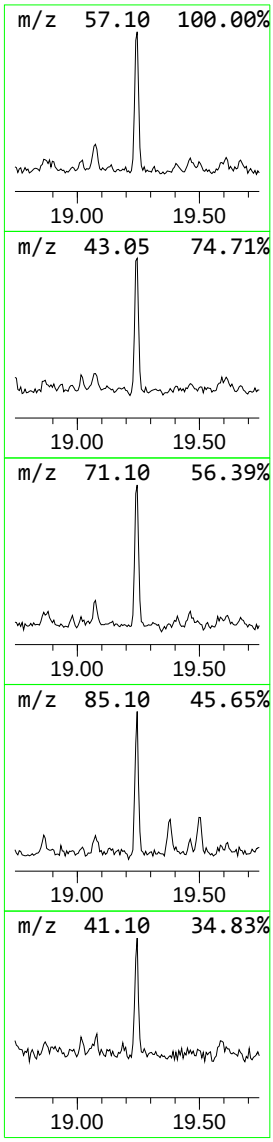
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	2.11 ng/ul	326672	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Tetradecane	198	C14H30	000629-59-4	89
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetradecane	198	C14H30	000629-59-4	76
5	Eicosane	282	C20H42	000112-95-8	68





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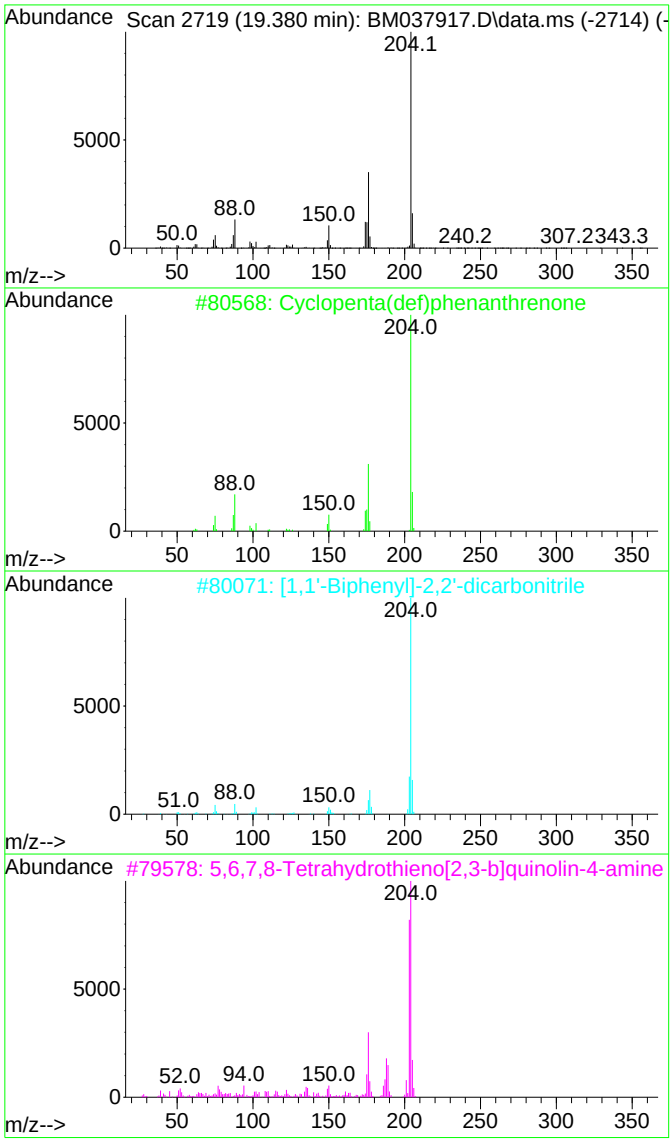
Quant Title : SVOA CALIBRATION

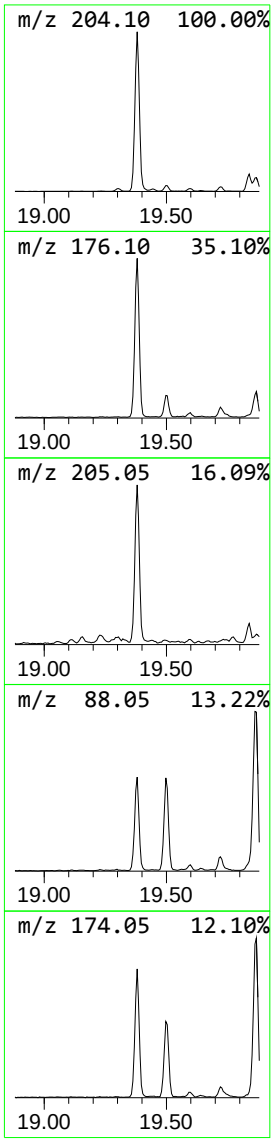
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	15.37 ng/ul	2376790	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
4	3-(4-Fluorophenoxy)phenol	204	C12H9FO2	025967-60-6	52
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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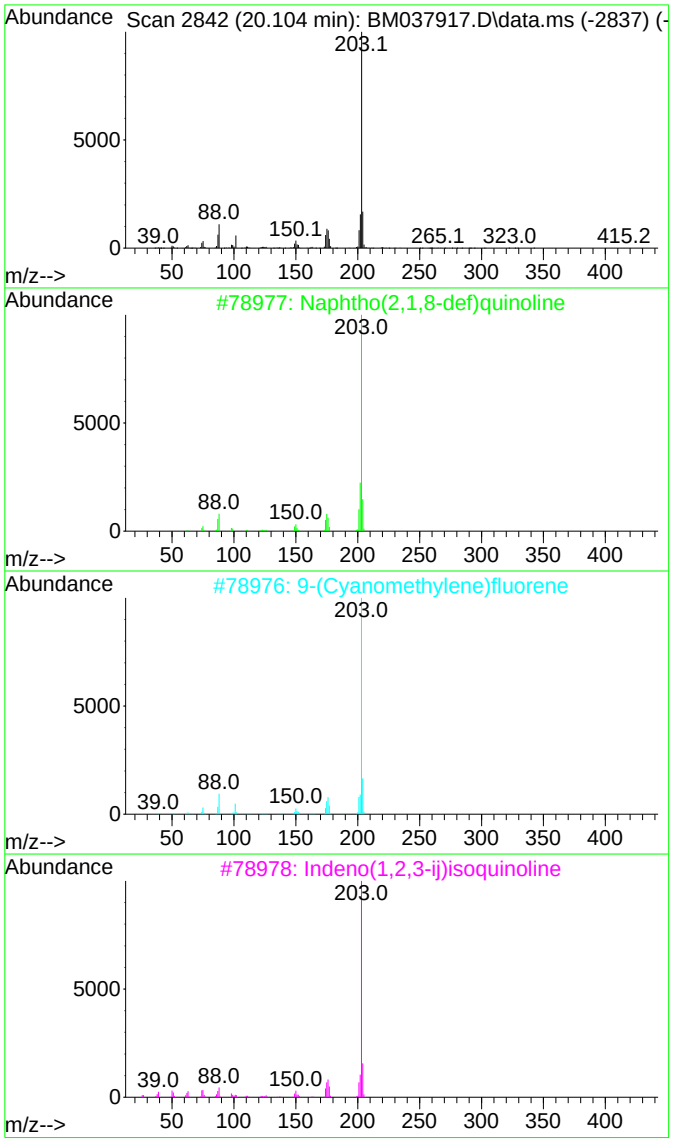
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

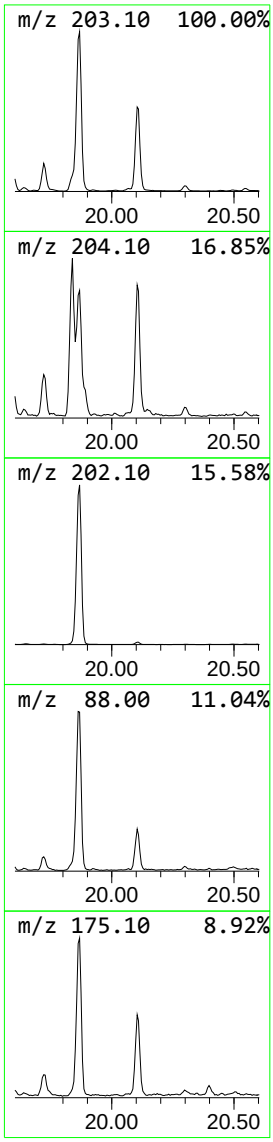
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphtho(2,1,8-def)quinoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	5.20 ng/ul	1173960	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
3	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94





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Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

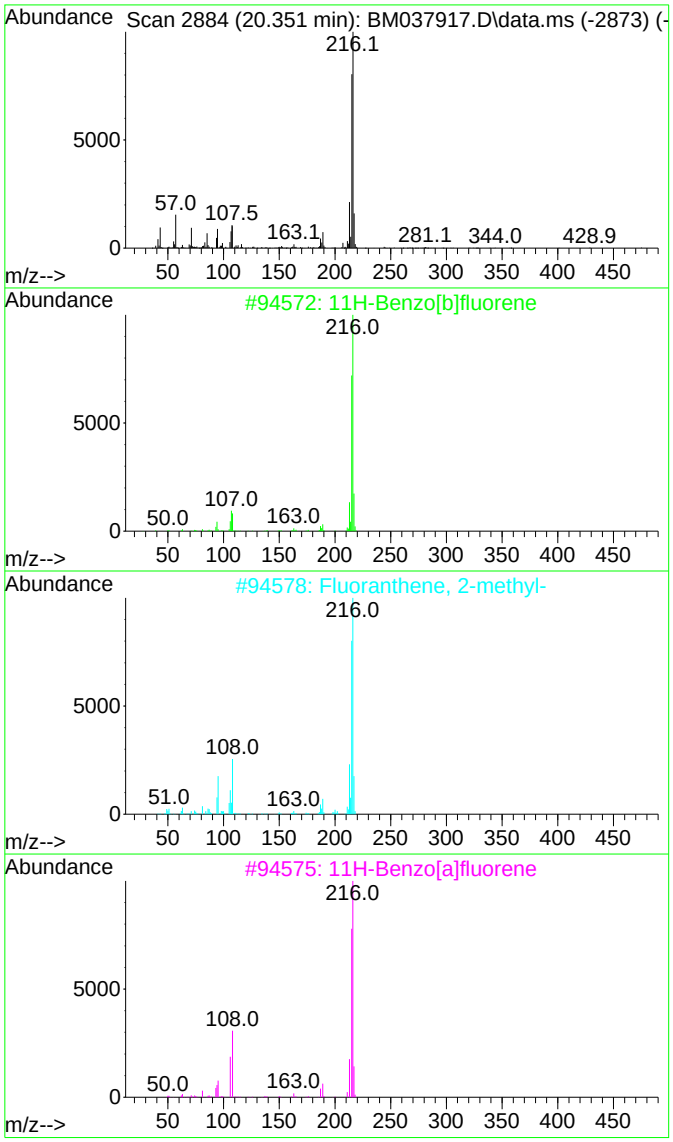
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

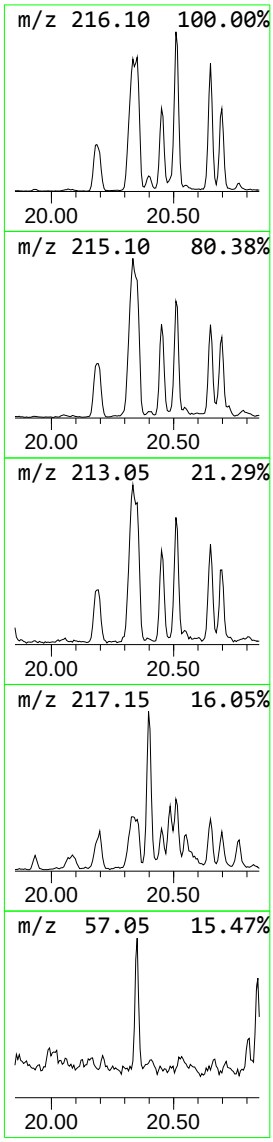
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	6.59 ng/ul	1486440	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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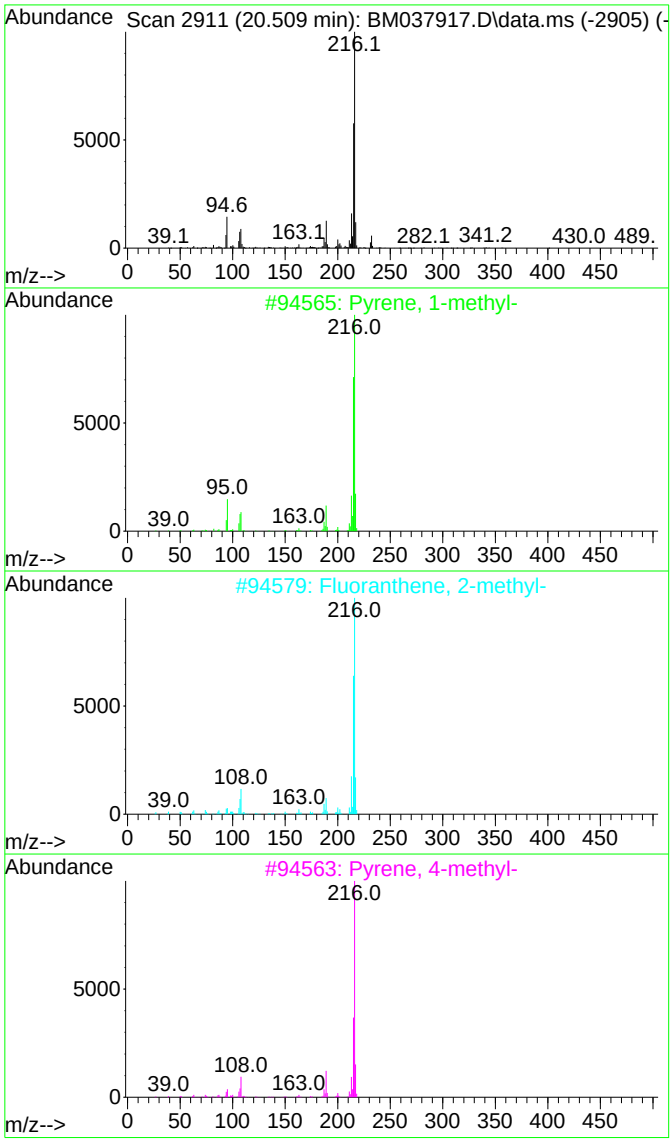
Quant Title : SVOA CALIBRATION

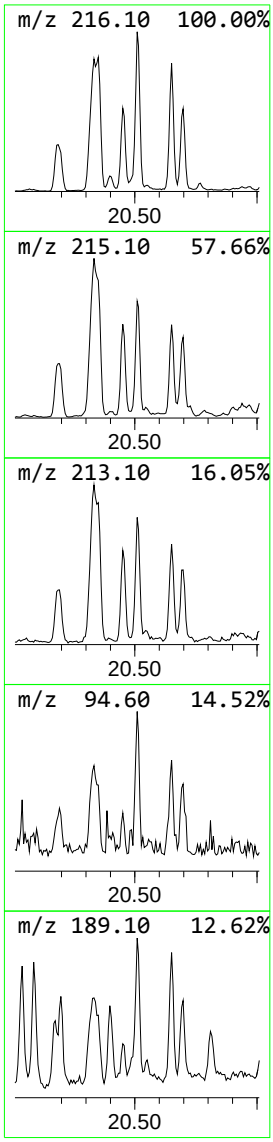
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.509	3.33 ng/ul	750884	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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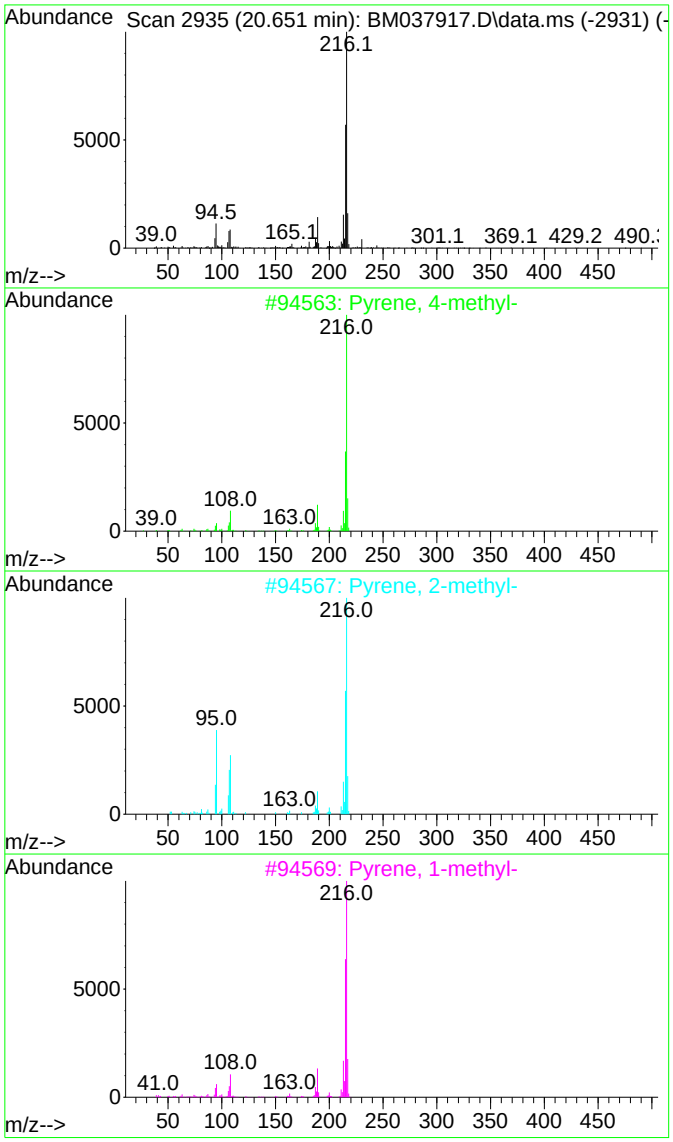
Quant Title : SVOA CALIBRATION

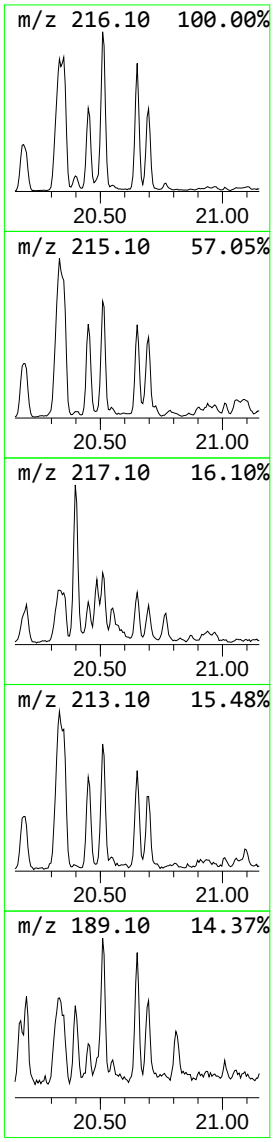
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.651	2.45 ng/ul	552183	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

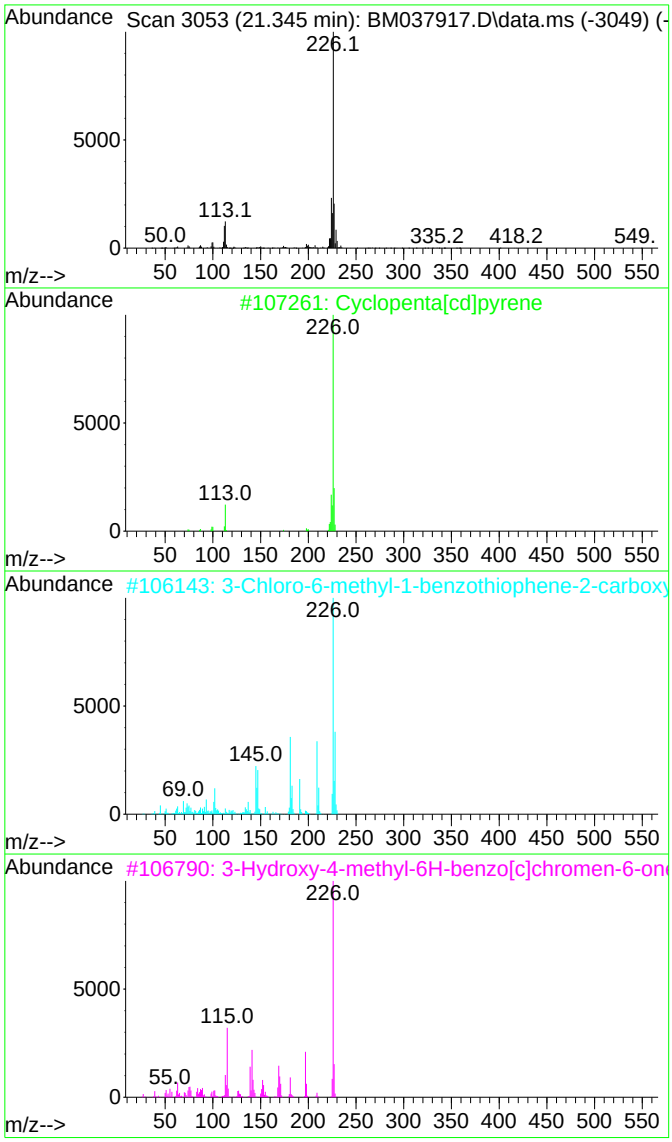
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

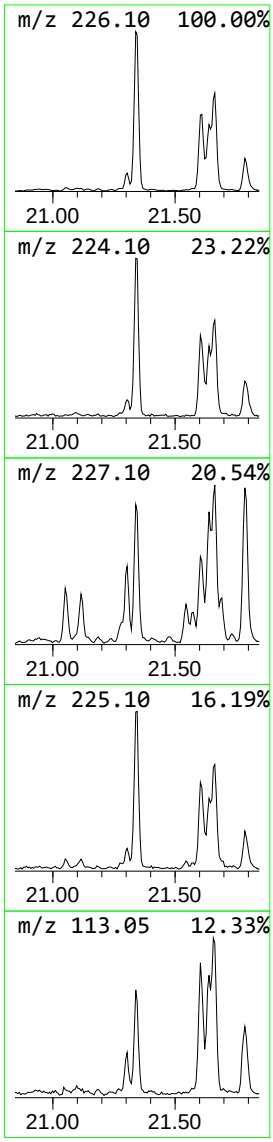
****

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	3.53 ng/ul	795971	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
3	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	52
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50





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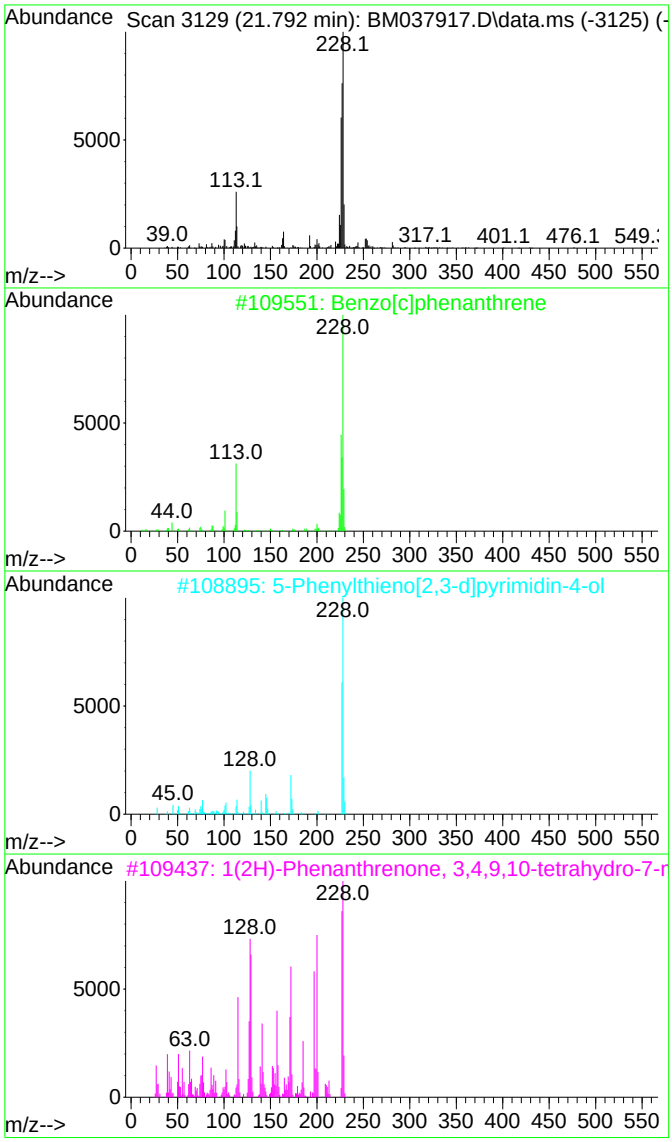
Quant Title : SVOA CALIBRATION

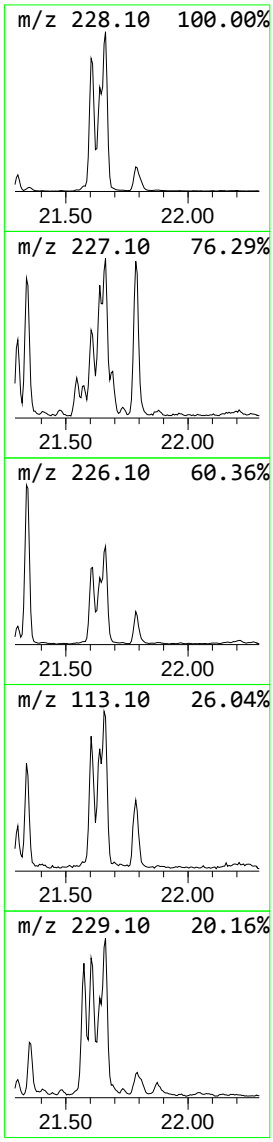
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.792	2.30 ng/ul	519784	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
2	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	58
3	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	52
4	9-Borabicyclo[3.3.1]nonane, 9-[(...	228	C14H21BN2	1000162-55-4	50
5	Triphenylene	228	C18H12	000217-59-4	50





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Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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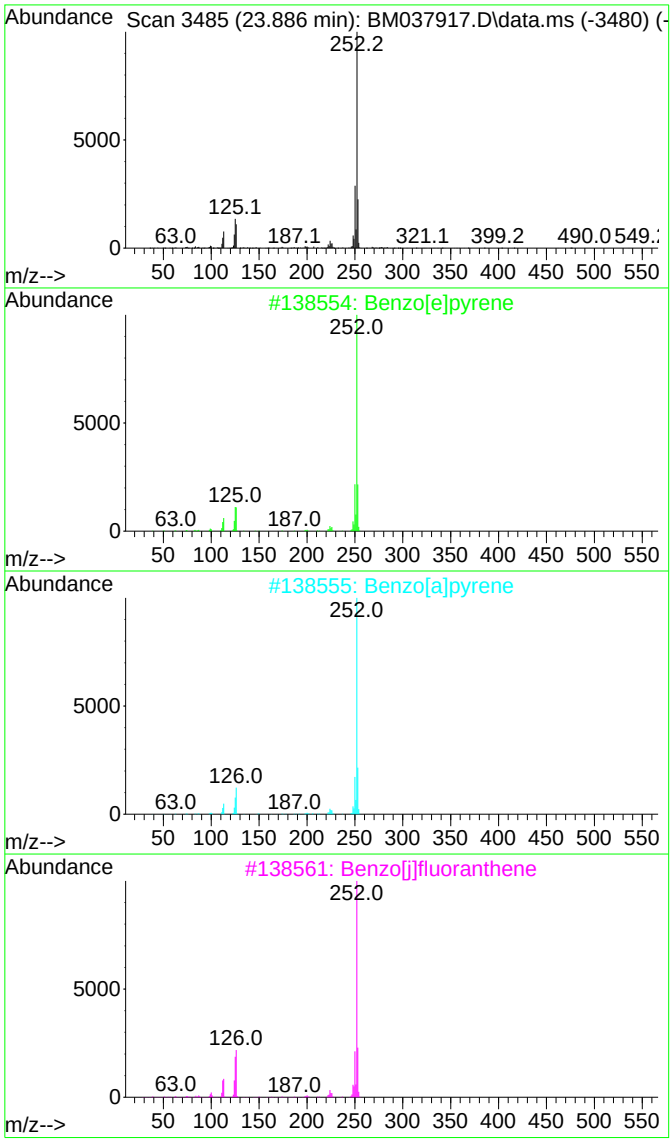
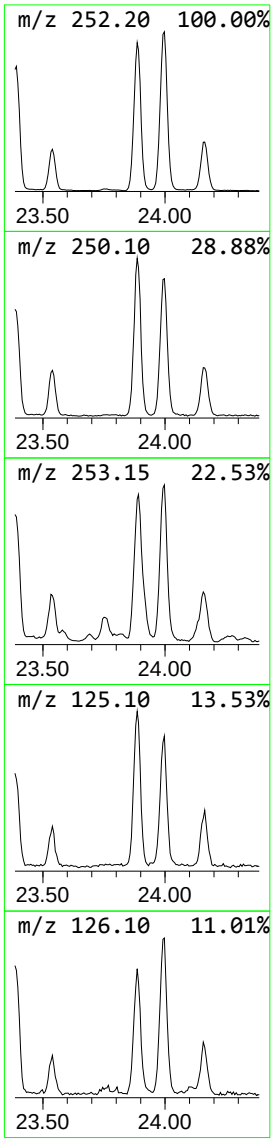
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	13.63 ng/ul	1531020	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037917.D
Acq On : 09 Dec 2022 15:16
Operator : CG/JU
Sample : N5896-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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
(DEL) Alkane: S...	16.392	2.3	ng/ul	352277	4	17.451	3092090	20.0
(DEL) Alkane: S...	17.186	2.4	ng/ul	373515	4	17.451	3092090	20.0
Acridine	17.645	2.5	ng/ul	382997	4	17.451	3092090	20.0
5H-Indeno[1,2-b...	17.851	5.4	ng/ul	833887	4	17.451	3092090	20.0
Decane, 1-iodo-	17.927	2.0	ng/ul	310816	4	17.451	3092090	20.0
4H-Cyclopenta[d...	18.521	7.3	ng/ul	1134220	4	17.451	3092090	20.0
(DEL) Alkane: S...	18.615	2.1	ng/ul	329314	4	17.451	3092090	20.0
9,10-Anthracene...	18.862	3.1	ng/ul	472439	4	17.451	3092090	20.0
(DEL) Alkane: S...	19.245	2.1	ng/ul	326672	4	17.451	3092090	20.0
Cyclopenta(def)...	19.380	15.4	ng/ul	2376790	4	17.451	3092090	20.0
Naphtho(2,1,8-d...	20.104	5.2	ng/ul	1173960	5	21.621	4511490	20.0
11H-Benzo[b]flu...	20.351	6.6	ng/ul	1486440	5	21.621	4511490	20.0
Pyrene, 1-methyl-	20.509	3.3	ng/ul	750884	5	21.621	4511490	20.0
Pyrene, 4-methyl-	20.651	2.5	ng/ul	552183	5	21.621	4511490	20.0
Cyclopenta[cd]p...	21.345	3.5	ng/ul	795971	5	21.621	4511490	20.0
Benzo[c]phenant...	21.792	2.3	ng/ul	519784	5	21.621	4511490	20.0
Benzo[e]pyrene	23.886	13.6	ng/ul	1531020	6	24.109	2246040	20.0