LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

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: BM037895.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	82	85	95	rBV	20056	40869	0.14%	0.038%
2	7.239	649	655	664	rBV	96408	159728	0.54%	0.149%
3	7.410	679	684	693	rVB	76980	119621	0.41%	0.112%
4	7.616	712	719	724	rBV	94931	152727	0.52%	0.143%
5	8.086	792	799	807	rVB	1093514	1705171	5.80%	1.592%
6	8.634	886	892	905	rBV	39745	94686	0.32%	0.088%
7	8.792	913	919	927	rBV	105340	171611	0.58%	0.160%
8	9.257	991	998	1011	rVB	91771	155229	0.53%	0.145%
9	9.986	1114	1122	1129	rBV	63710	114647	0.39%	0.107%
10	10.522	1207	1213	1223	rVB	96930	169577	0.58%	0.158%
11	10.904	1267	1278	1284	rBV	1415195	2423680	8.24%	2.263%
12	10.957	1284	1287	1295	rVV	226250	342664	1.17%	0.320%
13	11.045	1295	1302	1314	rVV3	54748	123108	0.42%	0.115%
14	12.557	1553	1559	1567	rVB	277289	435362	1.48%	0.406%
15	12.680	1573	1580	1588	rBV8	13433	38121	0.13%	0.036%
16	12.774	1590	1596	1602	rVB2	28984	47585	0.16%	0.044%
17	13.551	1717	1728	1733	rBV2	86502	176268	0.60%	0.165%
18	13.604	1733	1737	1742	rVB2	30699	46429	0.16%	0.043%
19	13.880	1778	1784	1794	rVB2	47484	124935	0.42%	0.117%
20	14.039	1804	1811	1816	rBV4	22800	44336	0.15%	0.041%
21	14.121	1816	1825	1830	rVV	165067	264158	0.90%	0.247%
22	14.180	1830	1835	1839	rVV4	26703	47986	0.16%	0.045%
23	14.245	1839	1846	1847	rVV3	29737	47304	0.16%	0.044%
24	14.274	1847	1851	1861	rVB	93031	153693	0.52%	0.143%
25	14.410	1868	1874	1877	rBV2	198679	328989	1.12%	0.307%
26	14.439	1877	1879	1889	rVB	180219	262986	0.89%	0.246%
27	14.592	1900	1905	1910	rBV	98229	128477	0.44%	0.120%
28	14.715	1914	1926	1932	rVV	1938280	2876191	9.78%	2.685%
29	14.780	1932	1937	1945	rVV	172464	291136	0.99%	0.272%
30	14.910	1954	1959	1968	rVB8	39077	91769	0.31%	0.086%
31	15.110	1987	1993	2002	rVB	507017	737689	2.51%	0.689%
32	15.327	2026	2030	2035	rBV2	29490	45362	0.15%	0.042%
33	15.380	2035	2039	2045	rBV3	42923	75070	0.26%	0.070%
34	15.486	2052	2057	2061	rBV7	20247	42109	0.14%	0.039%
35	15.539	2061	2066	2070	rVB	125229	158998	0.54%	0.148%
36	15.704	2089	2094	2098	rBV	249623	345012	1.17%	0.322%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

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	15.757	2098	2103	2110	rVV	1469910	2052647	6.98%	1.916%
38	15.815	2110	2113	2121	rVV6	42396	83506	0.28%	0.078%
39	15.939	2127	2134	2140	rVV2	53480	146980	0.50%	0.137%
40	16.004	2141	2145	2149	rVV	102307	149190	0.51%	0.139%
41	16.051	2149	2153	2158	rVV2	68509	124211	0.42%	0.116%
42	16.168	2168	2173	2175	rBV2	76449	118143	0.40%	0.110%
43	16.192	2175	2177	2184	rVB	83903	149235	0.51%	0.139%
44	16.398	2208	2212	2215	rBV	231826	347234	1.18%	0.324%
45	16.551	2234	2238	2245	rBV5	32428	57589	0.20%	0.054%
46	16.757	2267	2273	2277	rBV4	78274	148748	0.51%	0.139%
47	16.804	2278	2281	2287	rVB3	61458	86931	0.30%	0.081%
48	16.909	2295	2299	2304	rVB3	47741	61348	0.21%	0.057%
49	16.980	2305	2311	2313	rBV4	50865	96377	0.33%	0.090%
50	17.109	2328	2333	2338	rBV3	102274	157926	0.54%	0.147%
51	17.192	2342	2347	2352	rVV2	243311	382907	1.30%	0.358%
52	17.245	2352	2356	2358	rVV	131354	194008	0.66%	0.181%
53	17.274	2358	2361	2367	rVB	185778	250334	0.85%	0.234%
54	17.456	2386	2392	2395	rBV	2104136	2946509	10.02%	2.751%
55	17.498	2395	2399	2405	rVV	3494122	4791378	16.29%	4.474%
56	17.598	2405	2416	2422	rVV	17178491	29406846	100.00%	27.456%
57	17.645	2422	2424	2434	rVV	351726	604133	2.05%	0.564%
58	17.733	2434	2439	2446	rVB	252868	388660	1.32%	0.363%
59	17.862	2455	2461	2469	rBV	3445043	4983091	16.95%	4.653%
60	17.927	2469	2472	2476	rVV	226764	274637	0.93%	0.256%
61	17.974	2477	2480	2484	rVB2	67634	86589	0.29%	0.081%
62	18.327	2536	2540	2544	rBV2	200394	259182	0.88%	0.242%
63	18.374	2544	2548	2554	rVB	277034	398388	1.35%	0.372%
64	18.456	2557	2562	2567	rVB	613629	824165	2.80%	0.769%
65	18.527	2568	2574	2578	rBV	1087563	1589237	5.40%	1.484%
66	18.621	2586	2590	2595	rBV2	284868	390102	1.33%	0.364%
67	18.668	2595	2598	2602	rBV	124567	152755	0.52%	0.143%
68	18.715	2602	2606	2611	rBV	180774	269482	0.92%	0.252%
69	18.821	2621	2624	2628	rVB	117415	148156	0.50%	0.138%
70	18.868	2628	2632	2636	rBV2	231737	288192	0.98%	0.269%
71	19.245	2691	2696	2700	rBV2	229660	344648	1.17%	0.322%
72	19.298	2700	2705	2710	rVV5	119864	249609	0.85%	0.233%
73	19.380	2715	2719	2728	rBV	443488	718544	2.44%	0.671%
74	19.503	2734	2740	2746	rBV	4906506	6274671	21.34%	5.858%
75	19.598	2753	2756	2760	rVB	141562	166566	0.57%	0.156%
76	19.727	2774	2778	2779	rBV	173352	218144	0.74%	0.204%

LSC Area Percent Report

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Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

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

77	19.833	2790	2796	2798	rBV2	936820	1544955	5.25%	1.442%
78	19.868	2798	2802	2809	rVV	5600058	7406622	25.19%	6.915%
79	19.933	2809	2813	2820	rVB2	153692	249533	0.85%	0.233%
80	20.039	2828	2831	2837	rVB	220537	268630	0.91%	0.251%
81	20.109	2838	2843	2849	rVB	634805	929879	3.16%	0.868%
82	20.197	2851	2858	2862	rVB4	215152	518329	1.76%	0.484%
83	20.350	2874	2884	2889	rVB	640620	1446732	4.92%	1.351%
84	20.403	2889	2893	2897	rBV	174798	259685	0.88%	0.242%
85	20.450	2897	2901	2905	rBV	457068	600944	2.04%	0.561%
86	20.509	2906	2911	2915	rVV2	400895	715136	2.43%	0.668%
87	20.550	2915	2918	2922	rVB2	130409	151885	0.52%	0.142%
88	20.650	2931	2935	2939	rBV2	351289	496928	1.69%	0.464%
89	20.697	2940	2943	2947	rVB	196391	256486	0.87%	0.239%
90	21.097	3008	3011	3018	rBV3	188888	298771	1.02%	0.279%
91	21.268	3036	3040	3043	rBV	307835	419441	1.43%	0.392%
92	21.303	3043	3046	3049	rVV2	377368	446570	1.52%	0.417%
93	21.344	3049	3053	3057	rVB2	537604	711552	2.42%	0.664%
94	21.621	3093	3100	3104	rBV2	2213108	4914822	16.71%	4.589%
95	21.662	3104	3107	3118	rVB	1889470	2575137	8.76%	2.404%
96	21.791	3126	3129	3135	rVB2	234492	399598	1.36%	0.373%
97	23.344	3388	3393	3399	rBV2	1669343	3868156	13.15%	3.612%
98	23.885	3480	3485	3492	rBV	841331	1603568	5.45%	1.497%
99	23.997	3499	3504	3511	rVB	880435	1710399	5.82%	1.597%
100	24.109	3517	3523	3529	rBV2	1220182	2346334	7.98%	2.191%

Sum of corrected areas: 107104373

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
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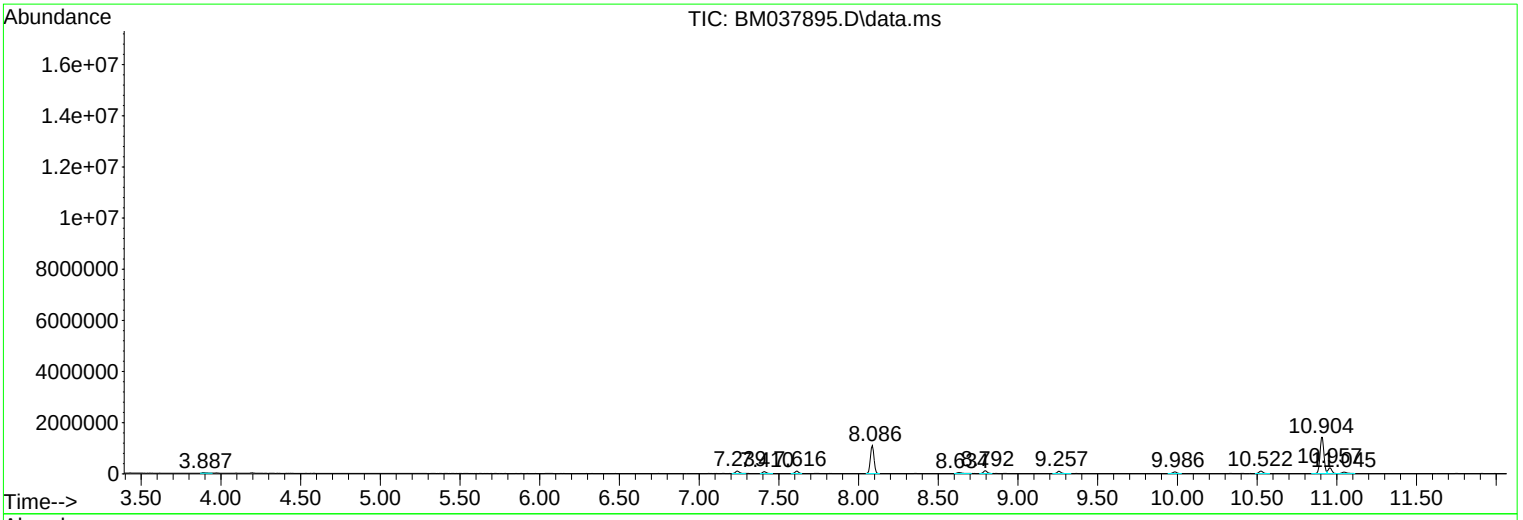
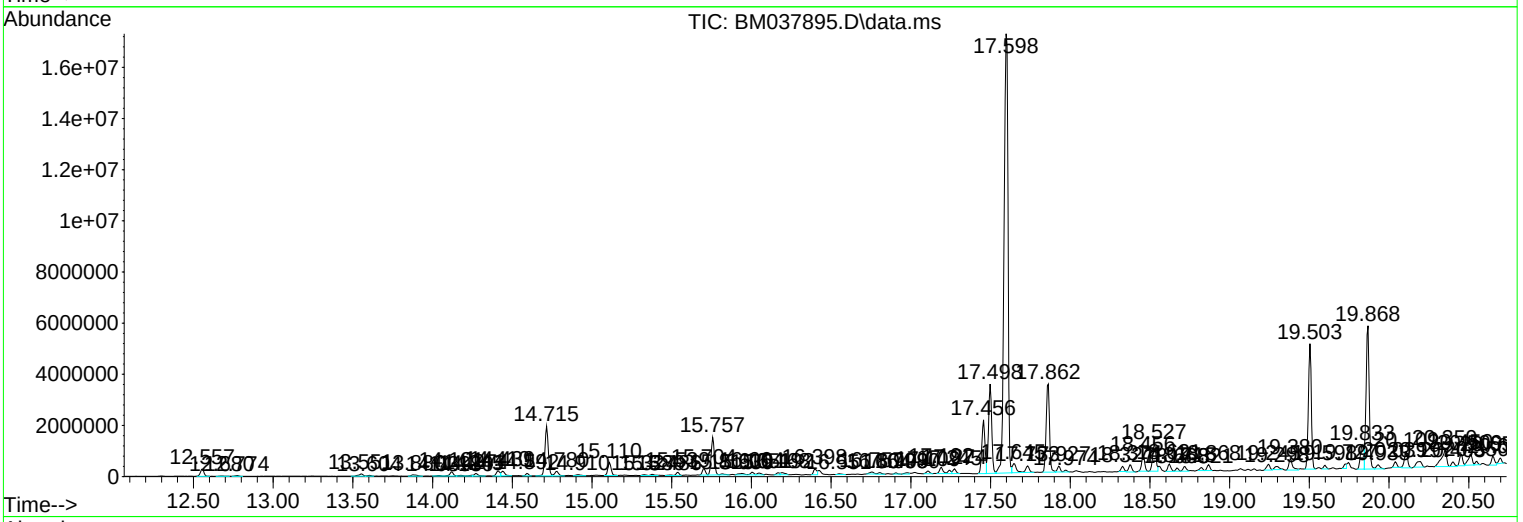
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

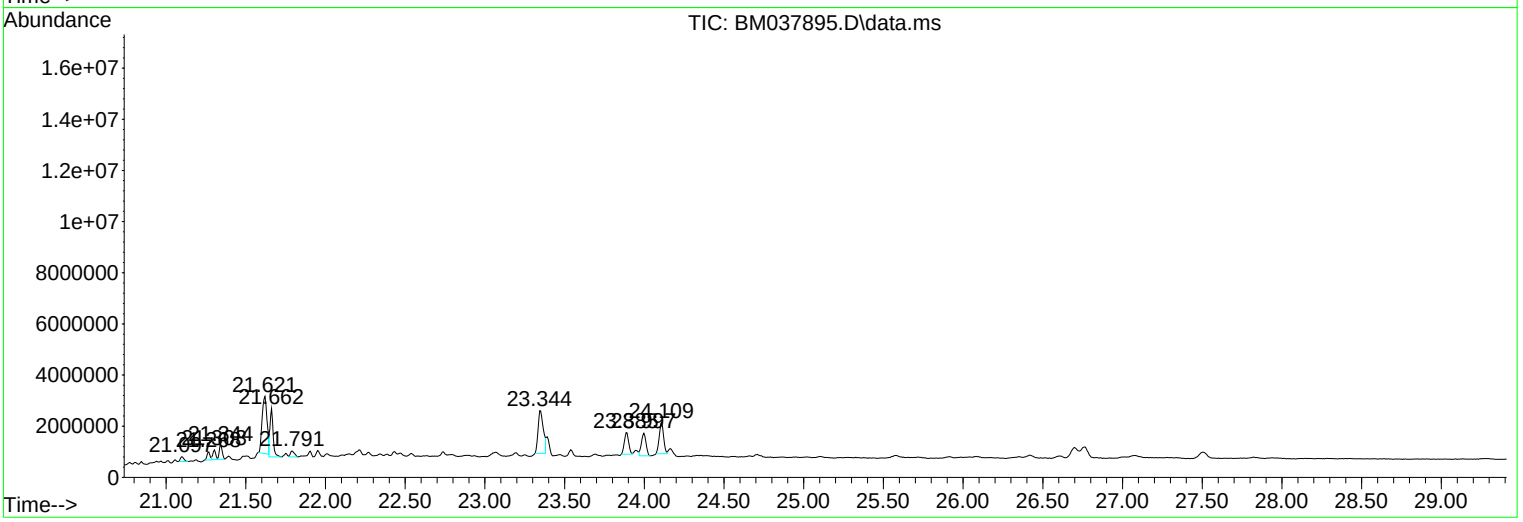
Instrument :
BNA_M
ClientSampleId :
DBXL4

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\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

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

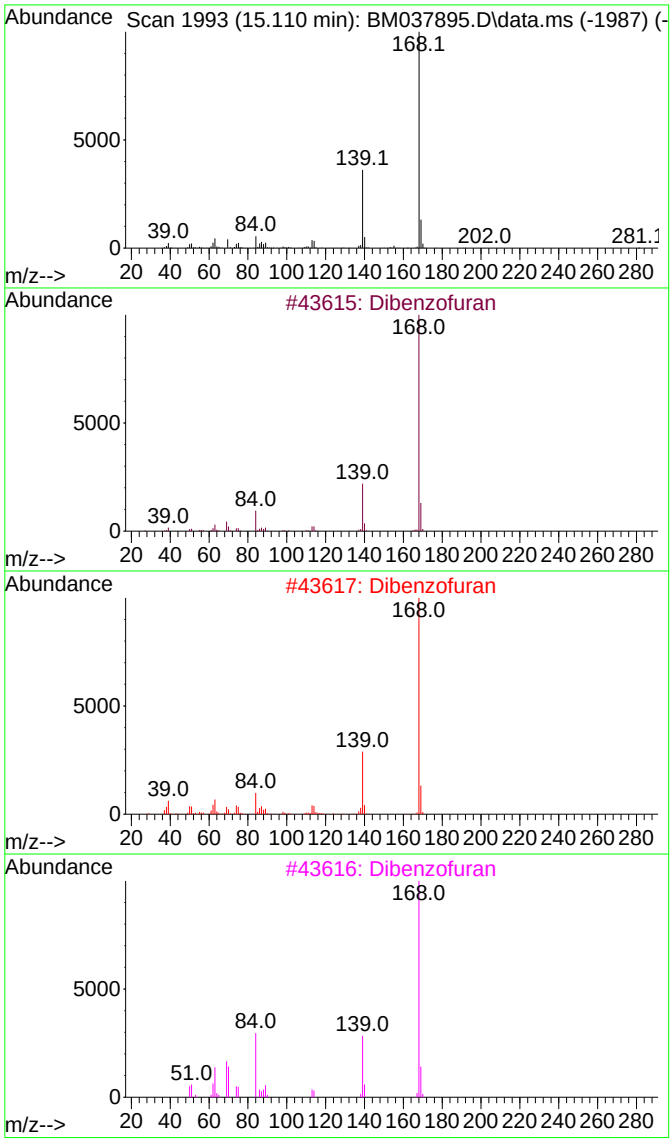
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

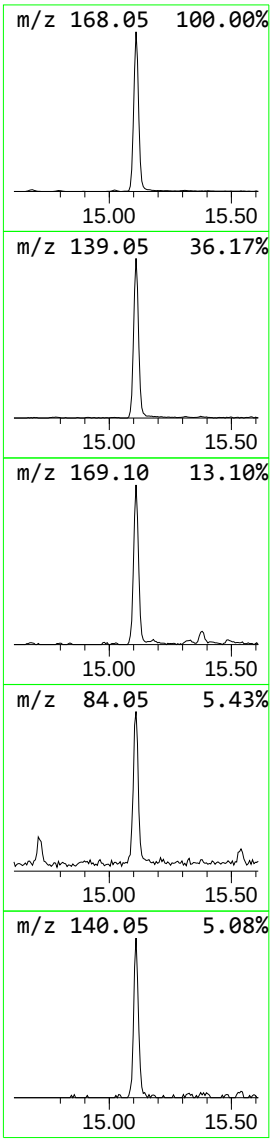
****

Peak Number 1 Dibenzo furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	5.13 ng/ul	737689	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	Dibenzofuran	168	C12H8O	000132-64-9	86
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	64
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

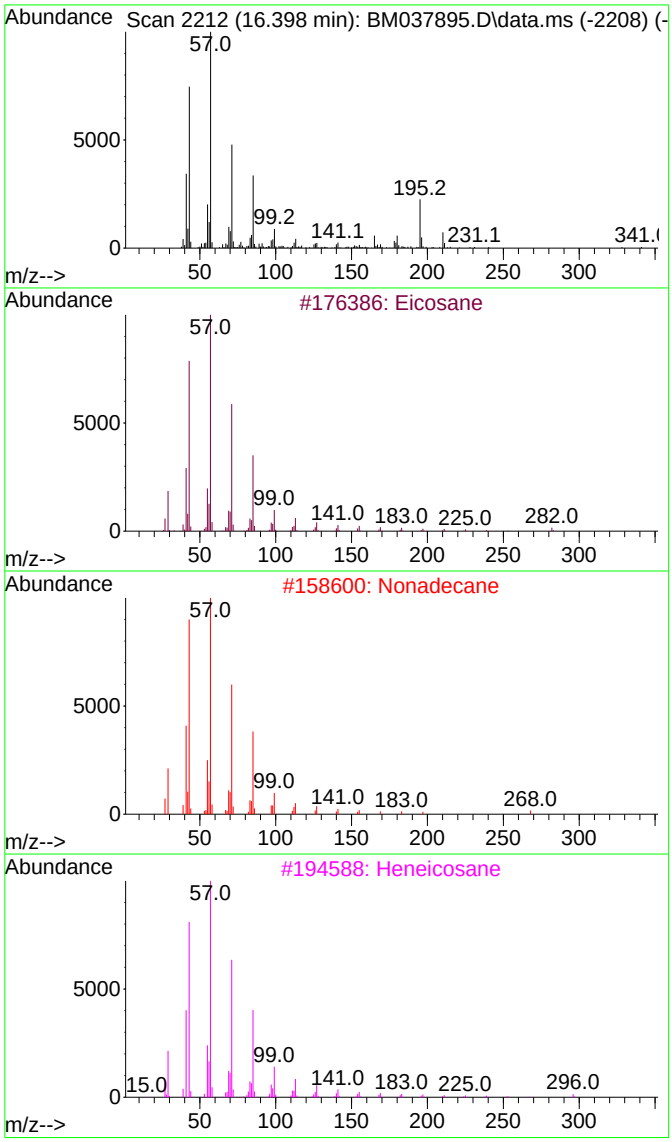
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

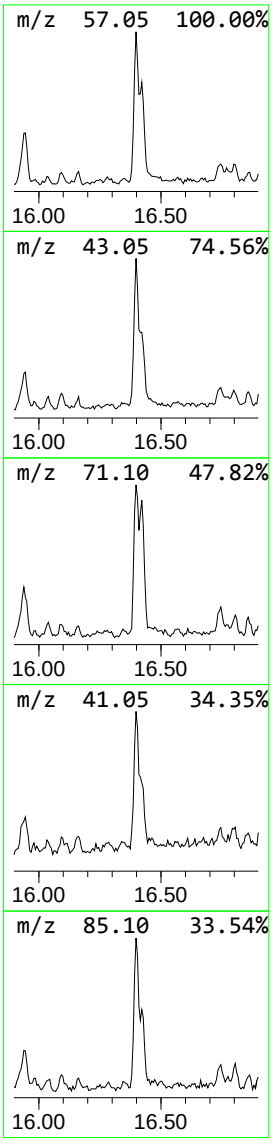
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	2.36 ng/ul	347234	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	62
2	Nonadecane	268	C19H40	000629-92-5	60
3	Heneicosane	296	C21H44	000629-94-7	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

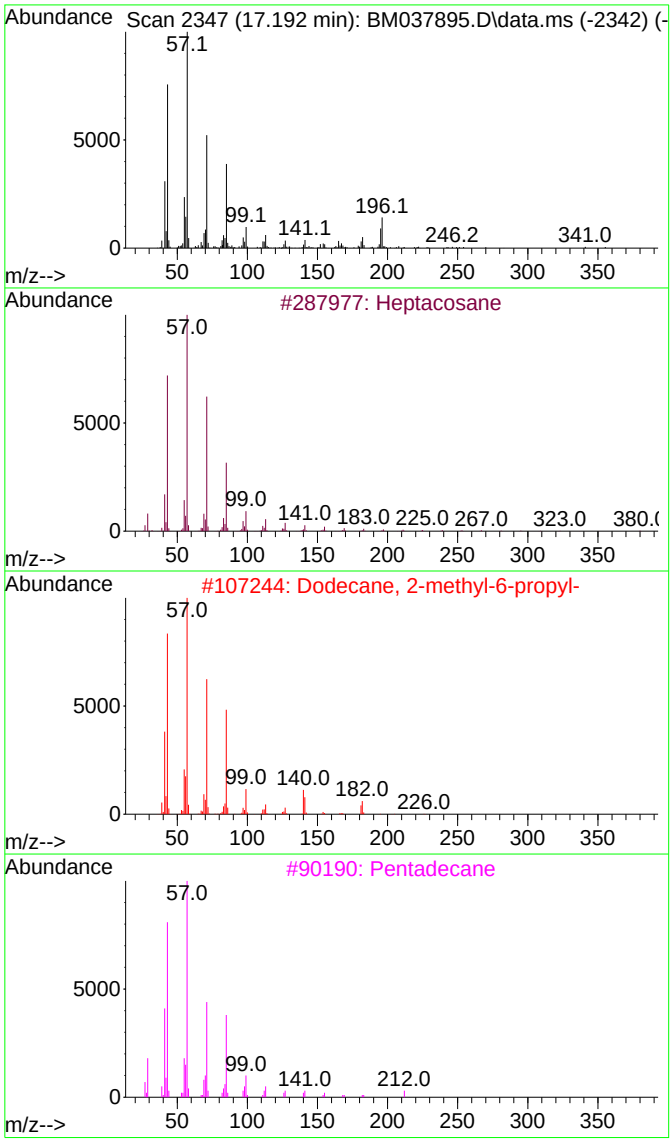
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

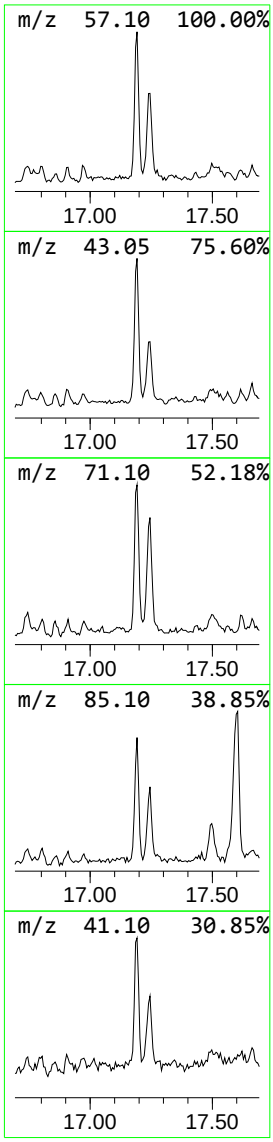
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	2.60 ng/ul	382907	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	81
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74
3	Pentadecane	212	C15H32	000629-62-9	74
4	Nonadecane	268	C19H40	000629-92-5	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

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

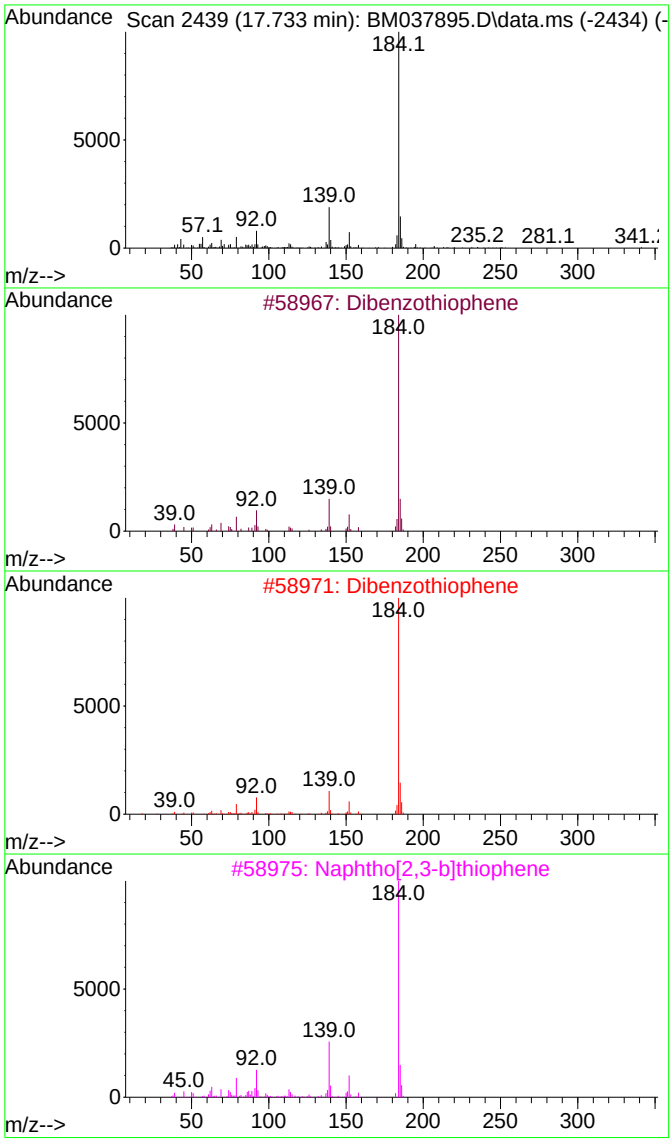
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

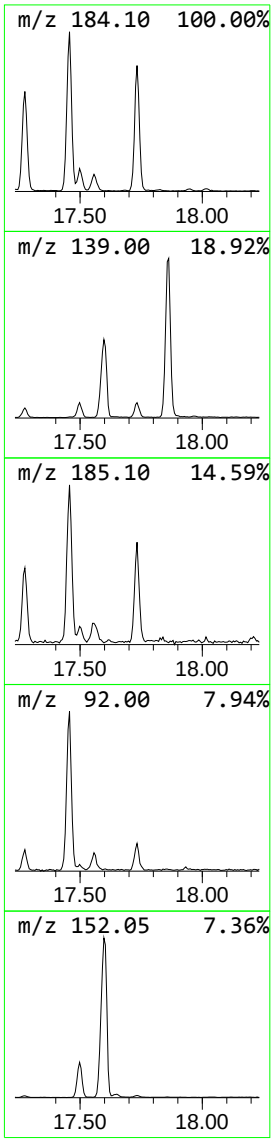
****

Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	2.64 ng/ul	388660	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

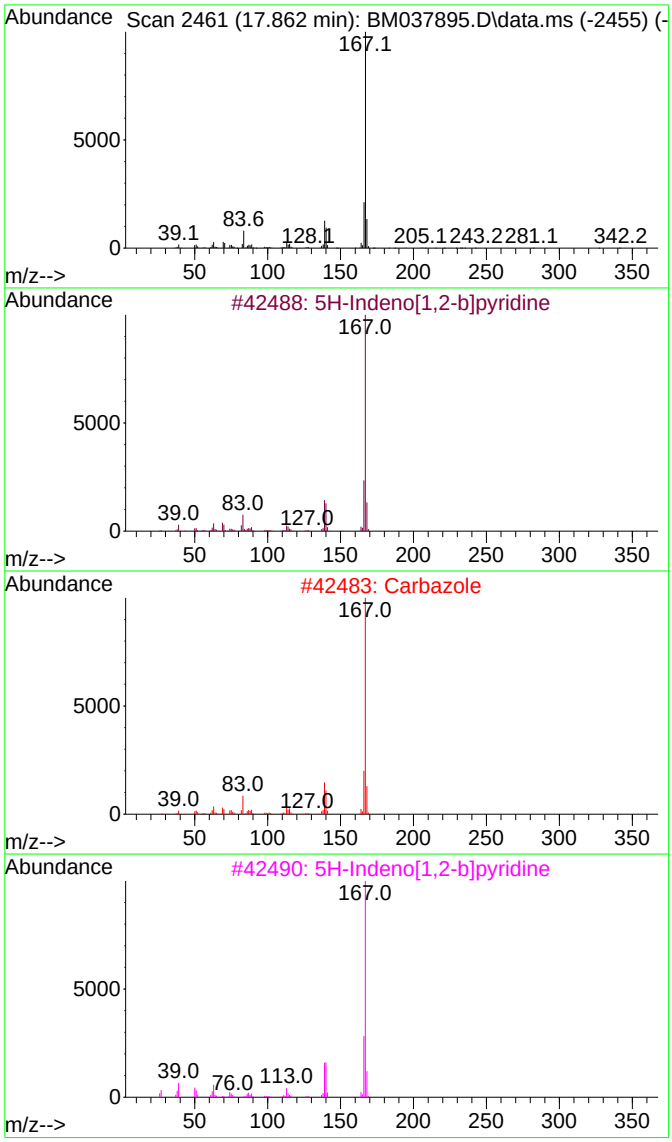
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

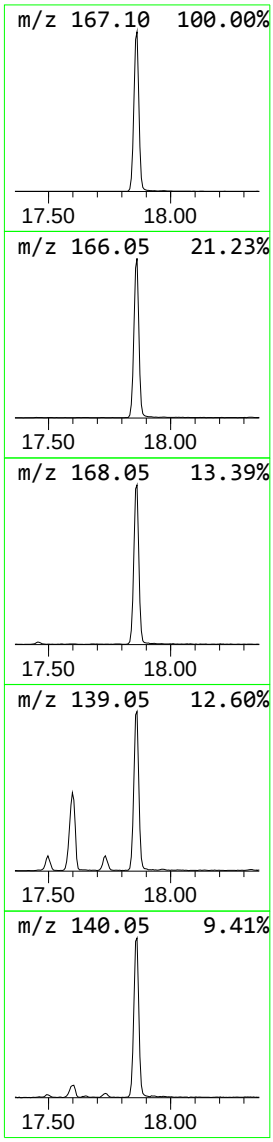
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.862	33.82 ng/ul	4983090	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90





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Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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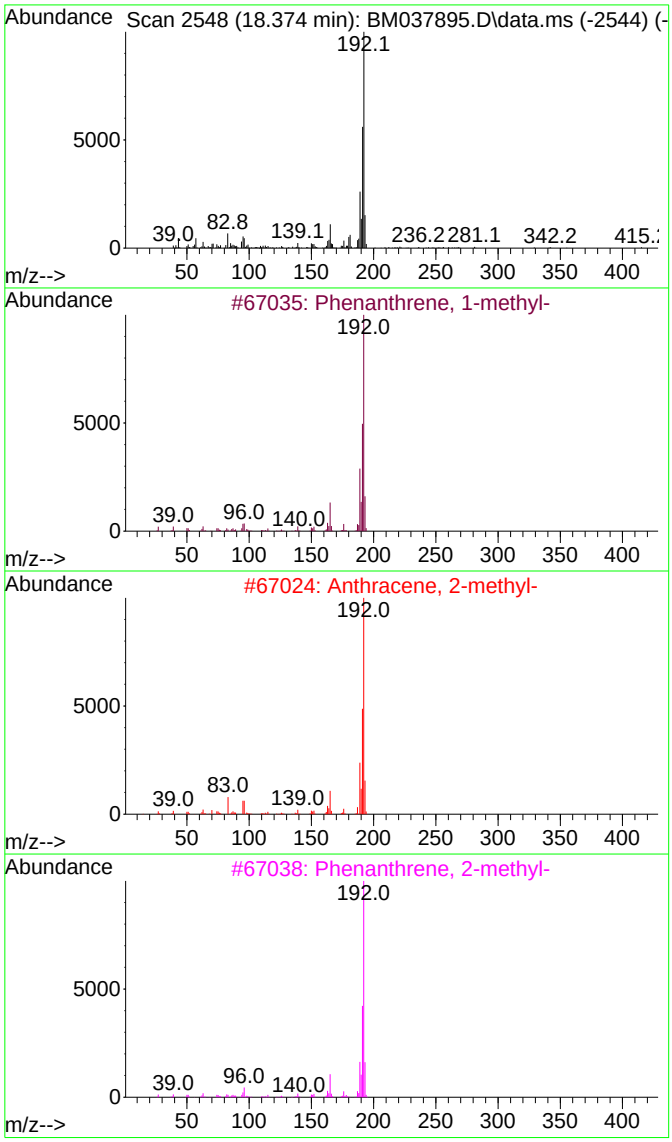
Quant Title : SVOA CALIBRATION

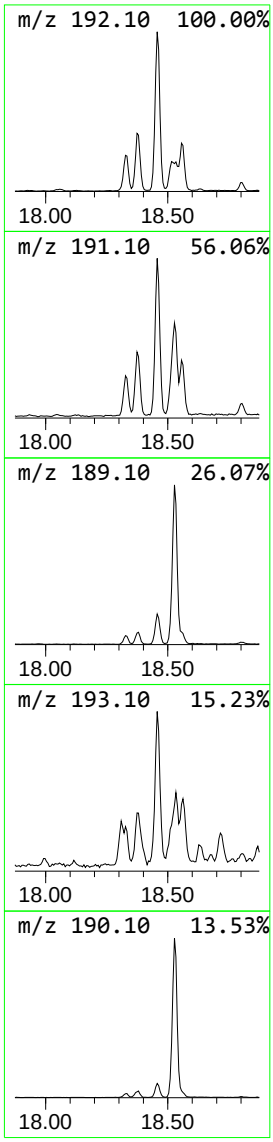
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.70 ng/ul	398388	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 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

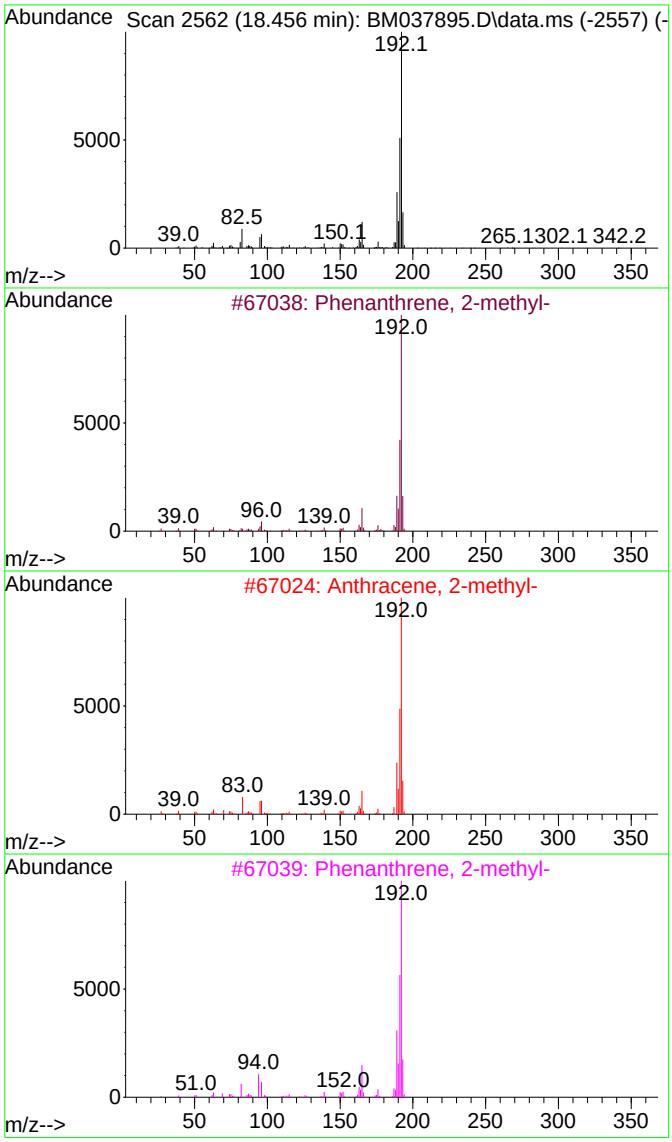
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

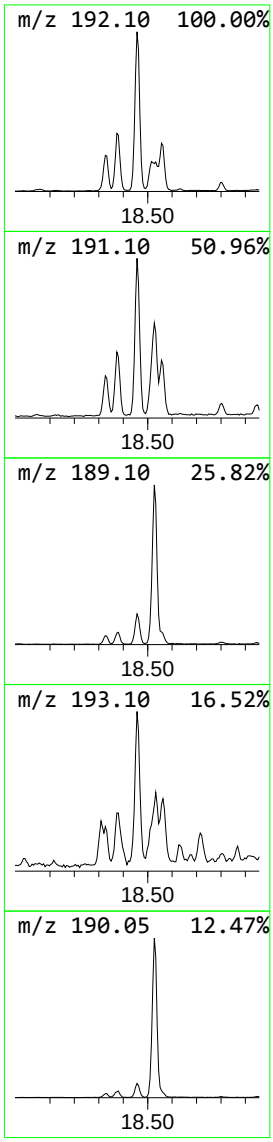
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	5.59 ng/ul	824165	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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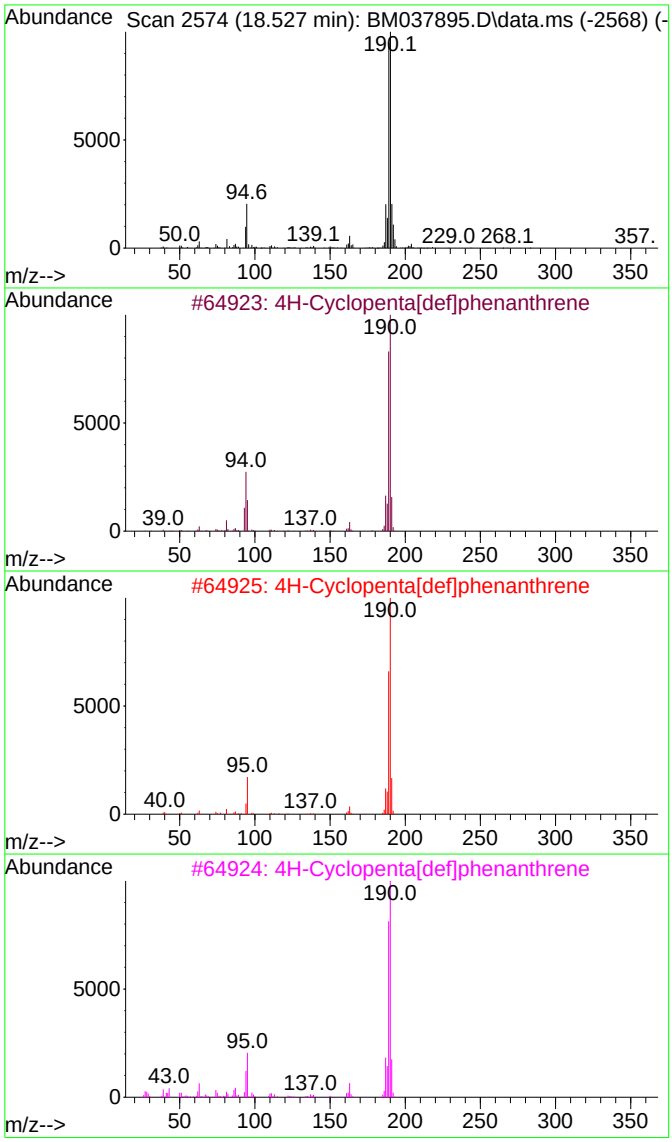
Quant Title : SVOA CALIBRATION

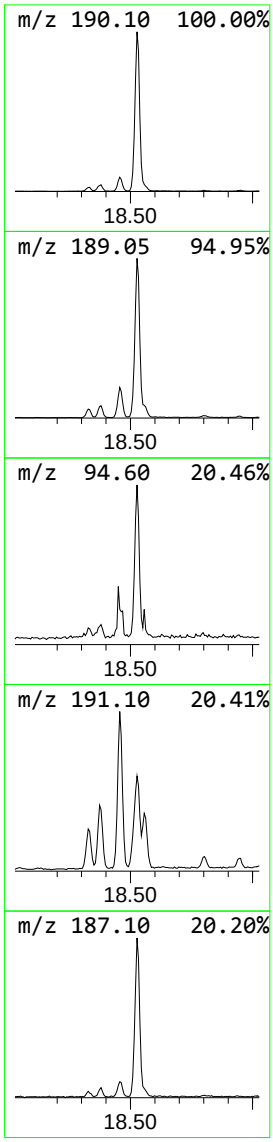
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	10.79 ng/ul	1589240	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64





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Sample : N5832-19 10X
Misc :
ALS Vial : 20 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

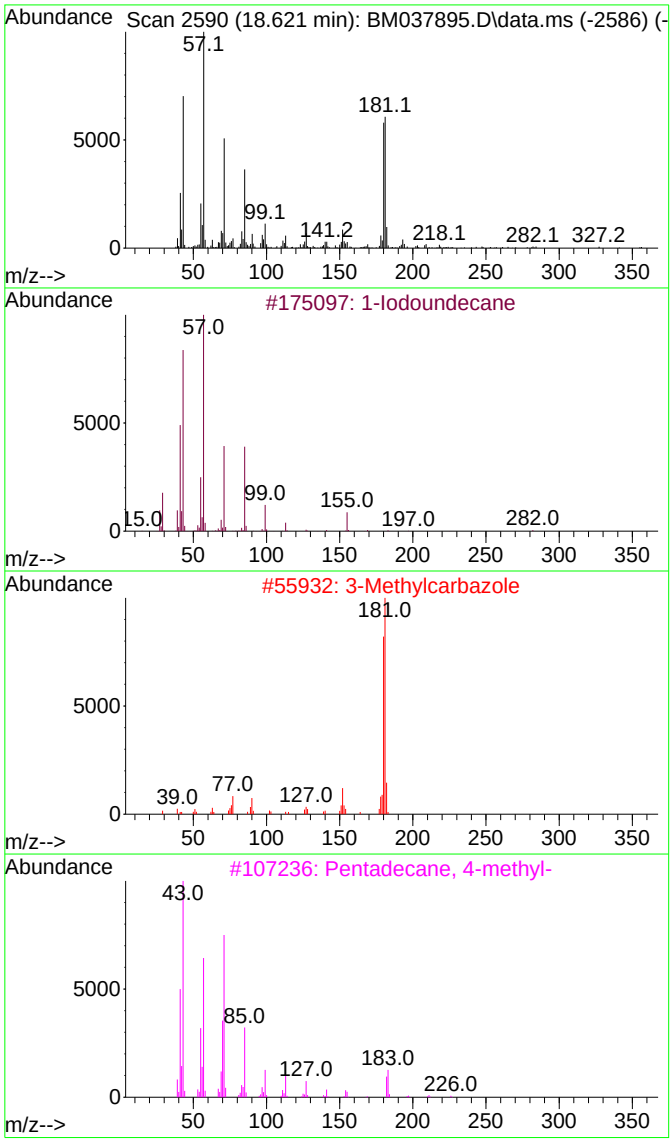
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

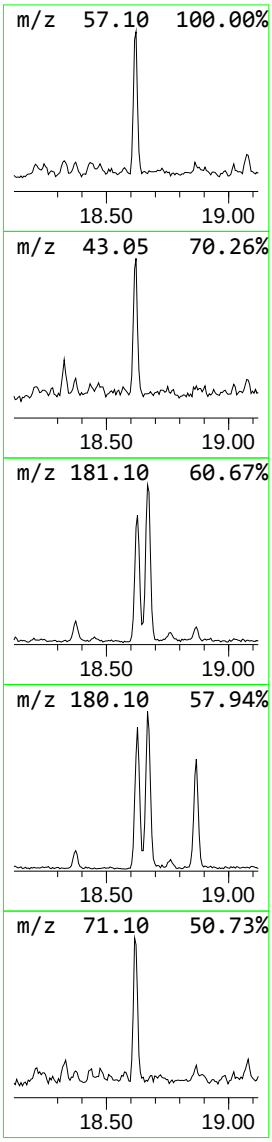
****

Peak Number 9 1-Iodoundecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.621	2.65 ng/ul	390102	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	70
2	3-Methylcarbazole	181	C13H11N	004630-20-0	60
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	55
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	55
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	52





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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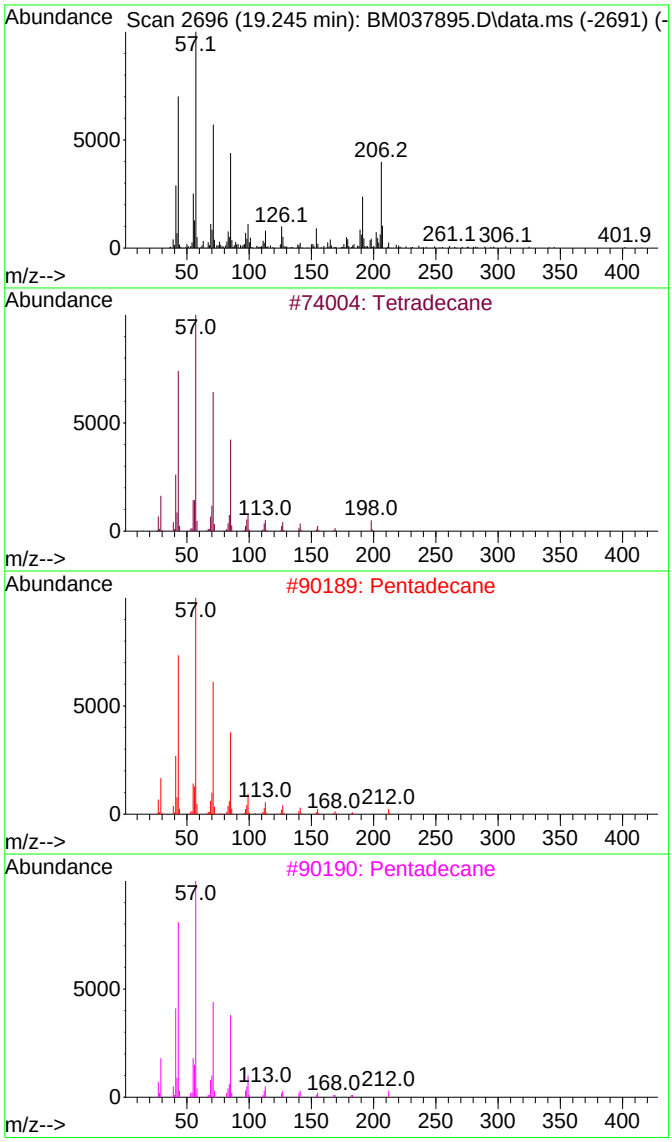
Quant Title : SVOA CALIBRATION

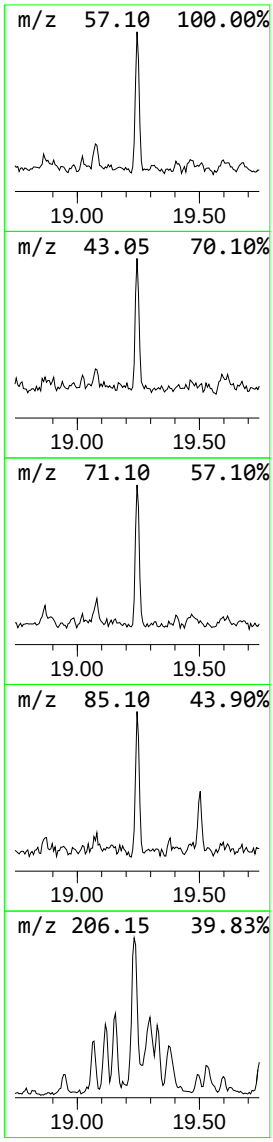
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	2.34 ng/ul	344648	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Pentadecane	212	C15H32	000629-62-9	92
3	Pentadecane	212	C15H32	000629-62-9	52
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	51
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	49





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Acq On : 08 Dec 2022 20:17
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Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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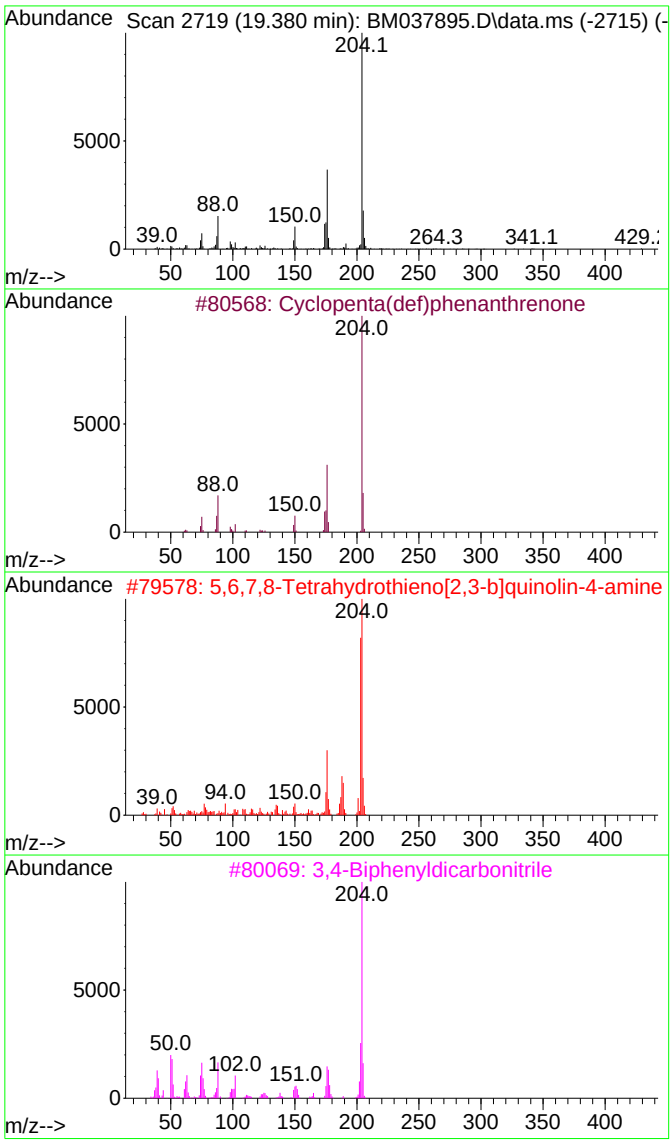
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

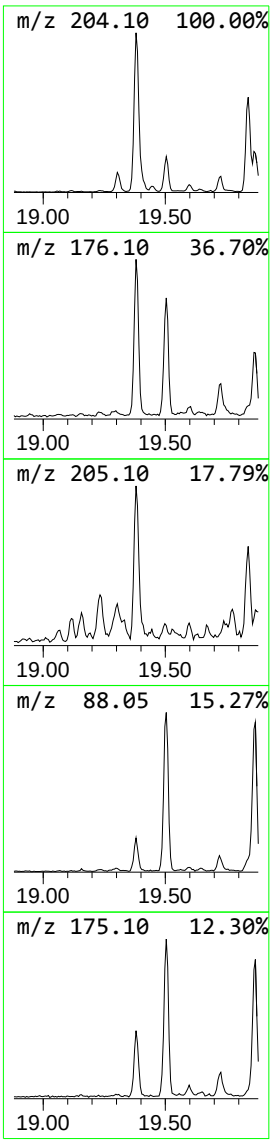
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	4.88 ng/ul	718544	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





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Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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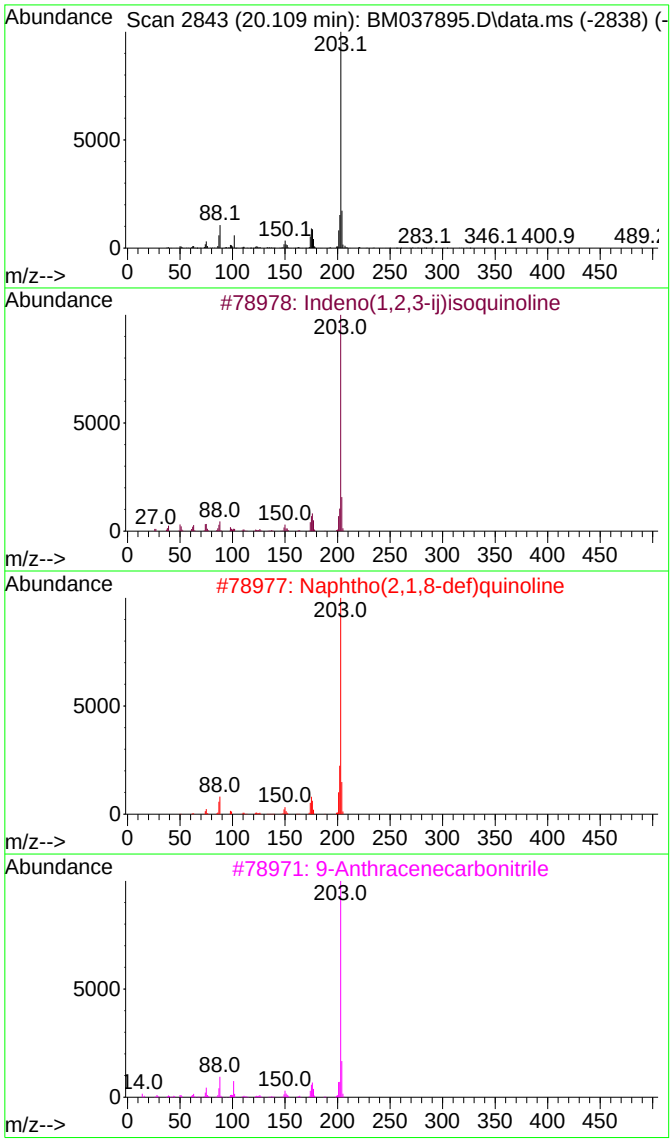
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

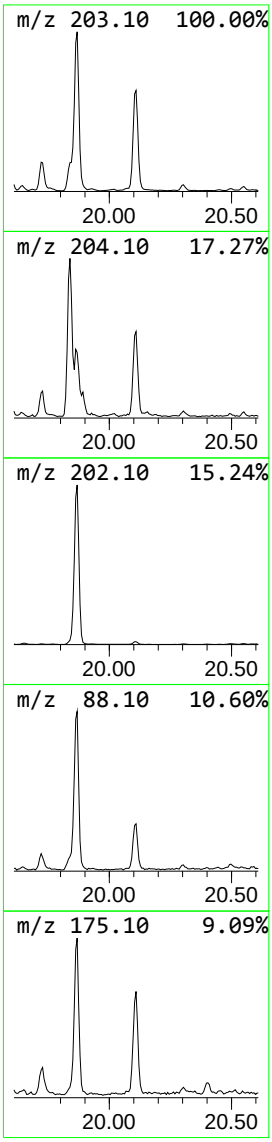
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Indeno(1,2,3-ij)isoquinoline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.109	3.78 ng/ul	929879	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95





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Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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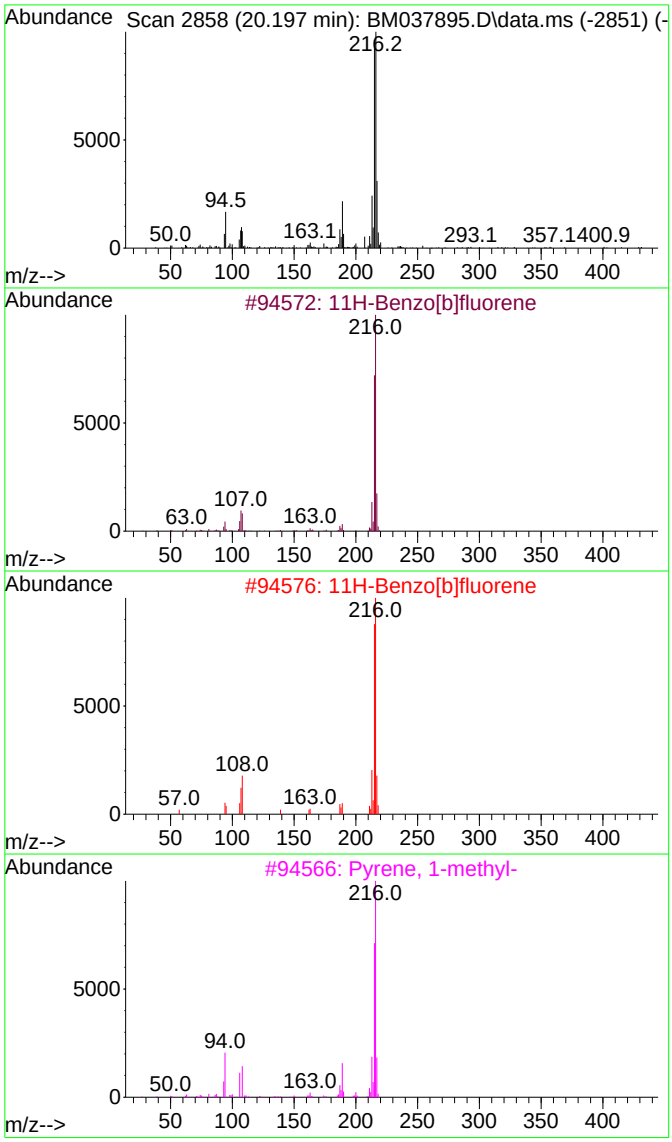
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

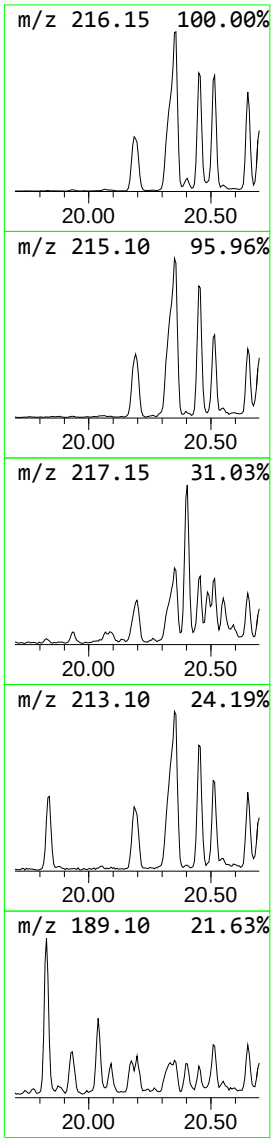
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	2.11 ng/ul	518329	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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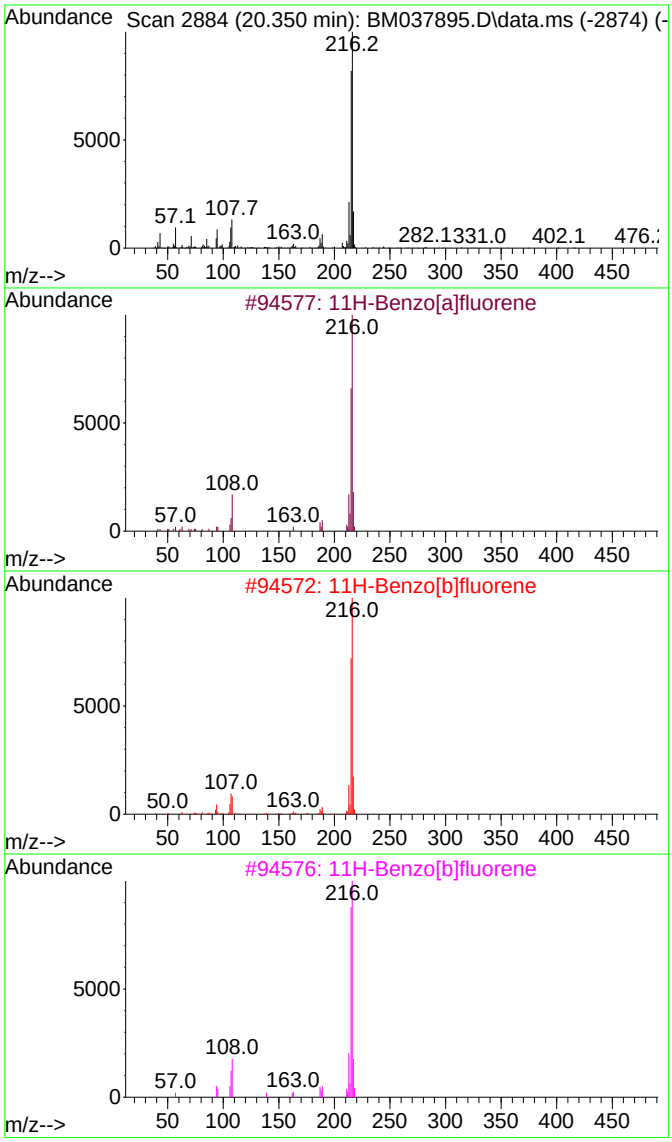
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

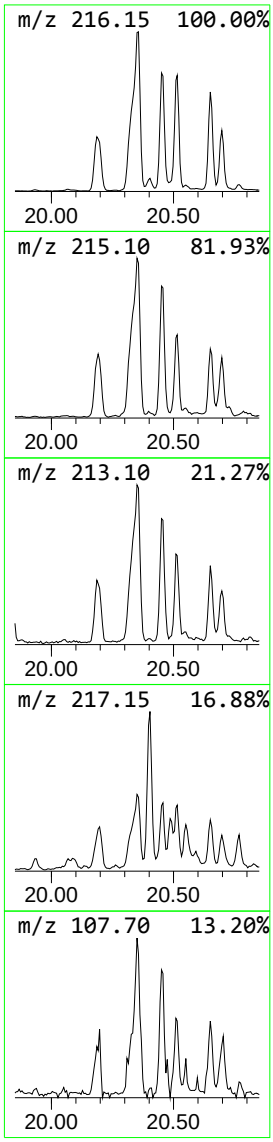
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.350	5.89 ng/ul	1446730	Chrysene-d12	21.621

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	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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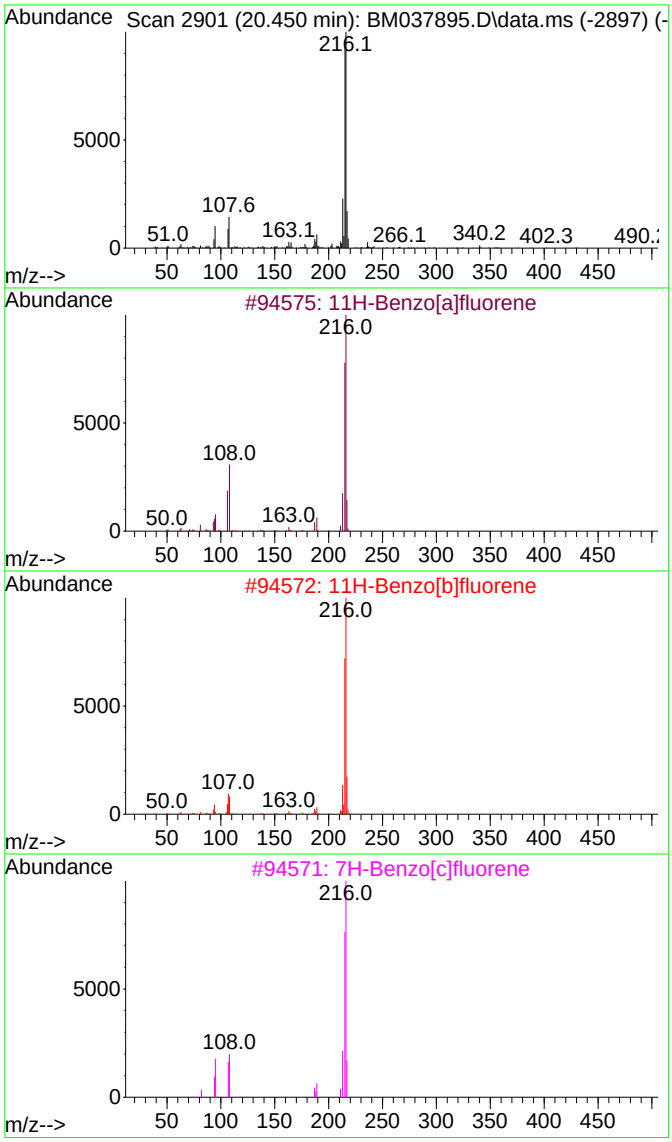
Quant Title : SVOA CALIBRATION

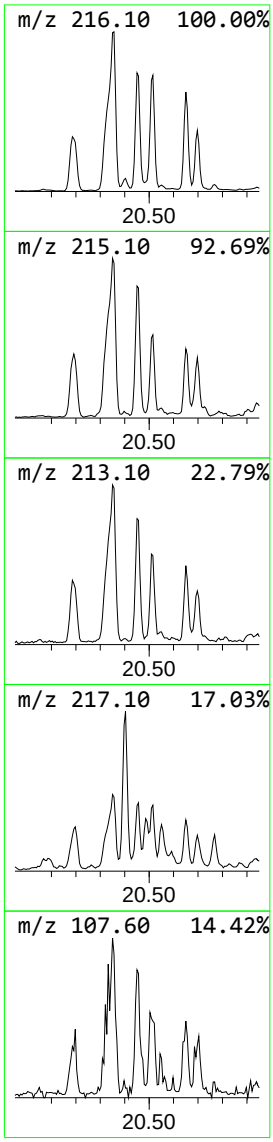
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 7H-Benzo[c]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.450	2.45 ng/ul	600944	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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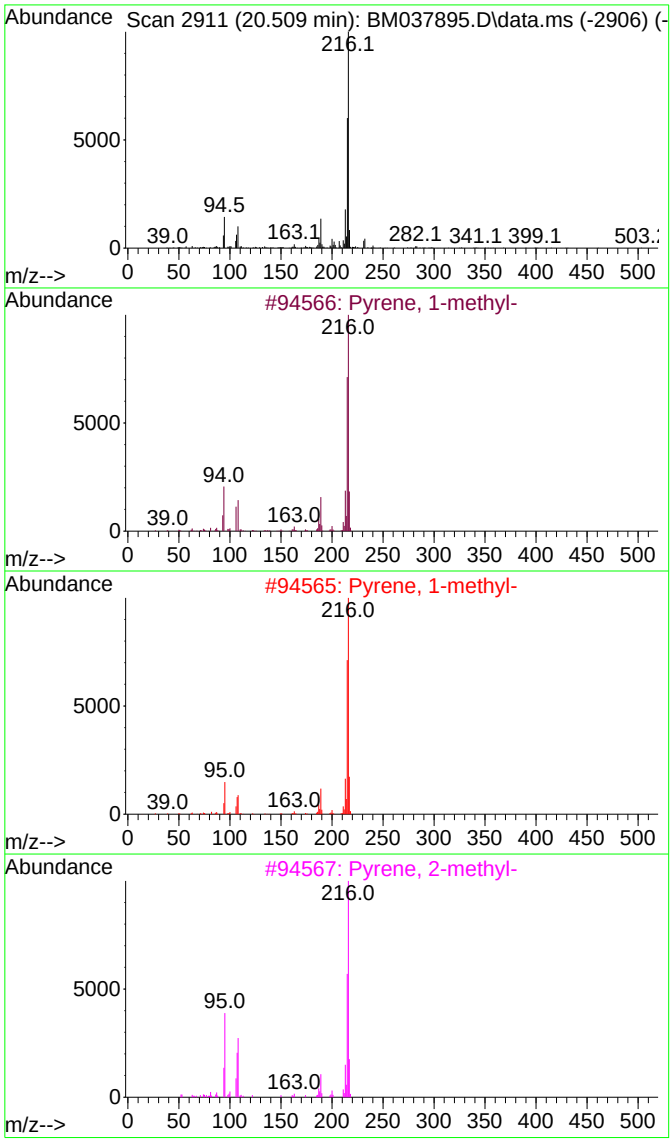
Quant Title : SVOA CALIBRATION

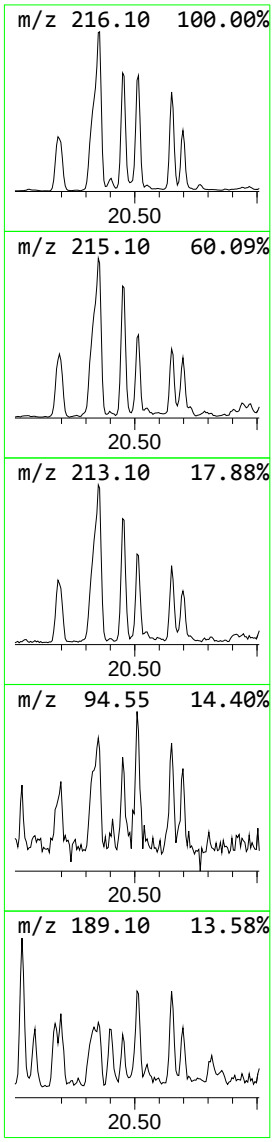
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.509	2.91 ng/ul	715136	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

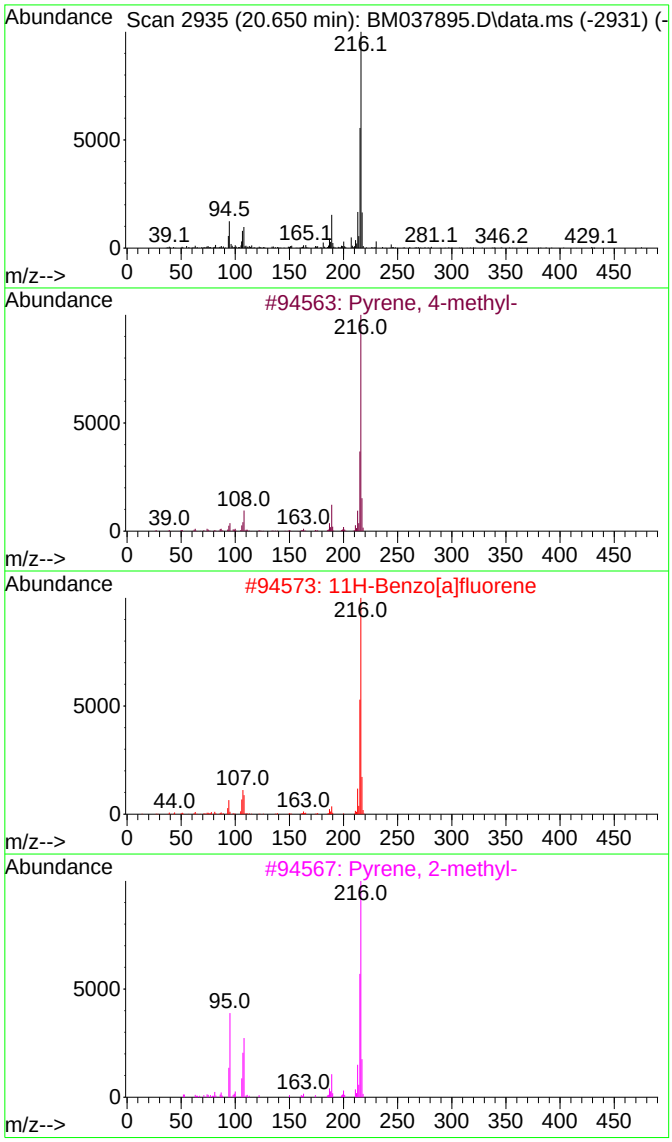
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

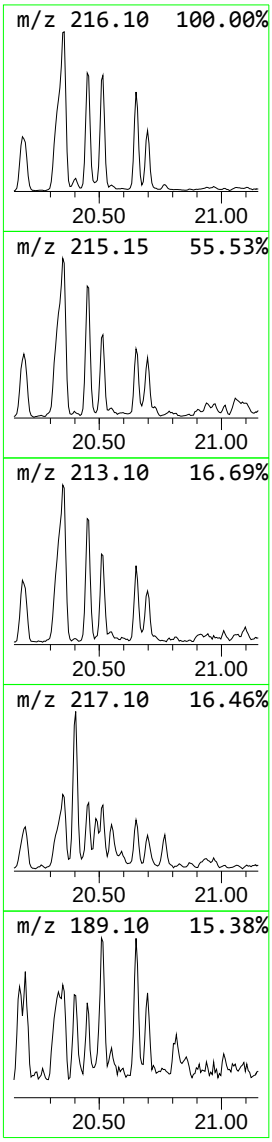
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.650	2.02 ng/ul	496928	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

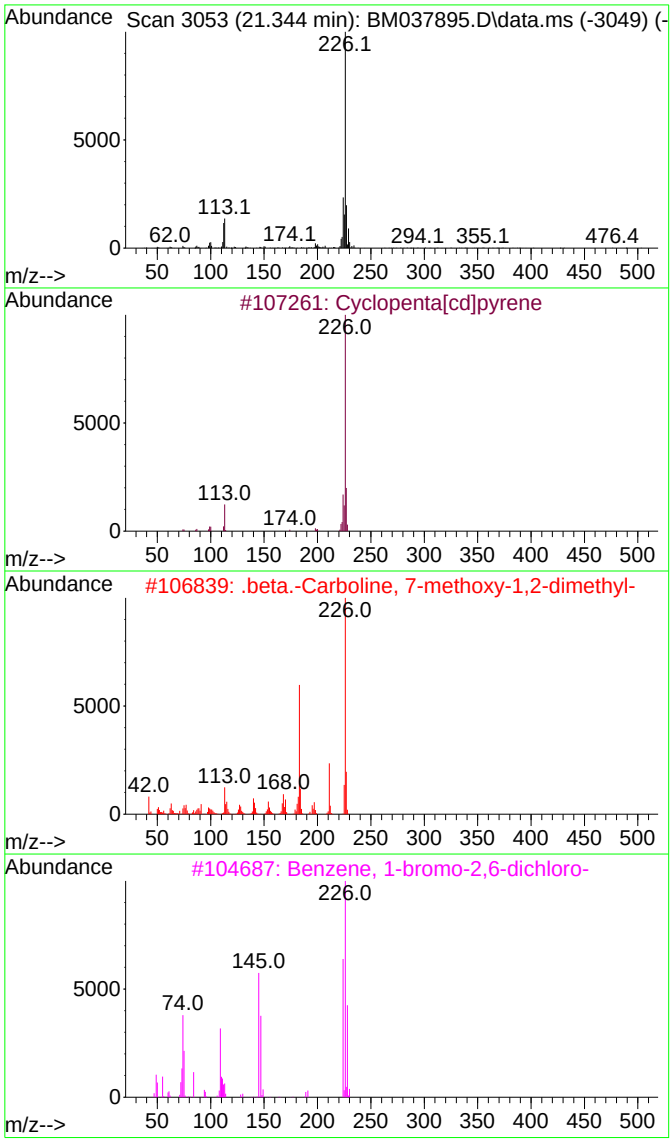
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

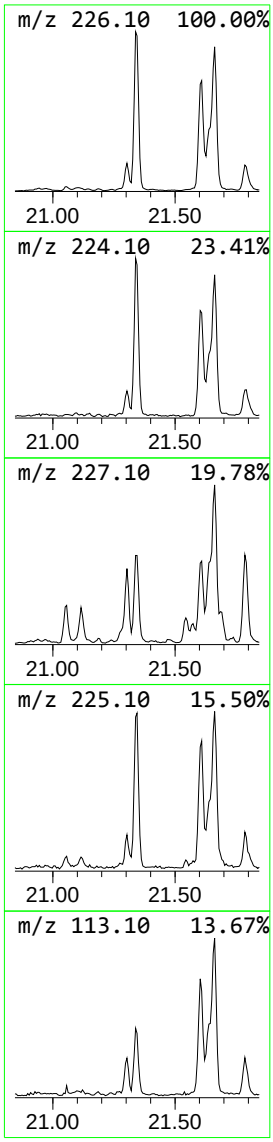
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	2.90 ng/ul	711552	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	53
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

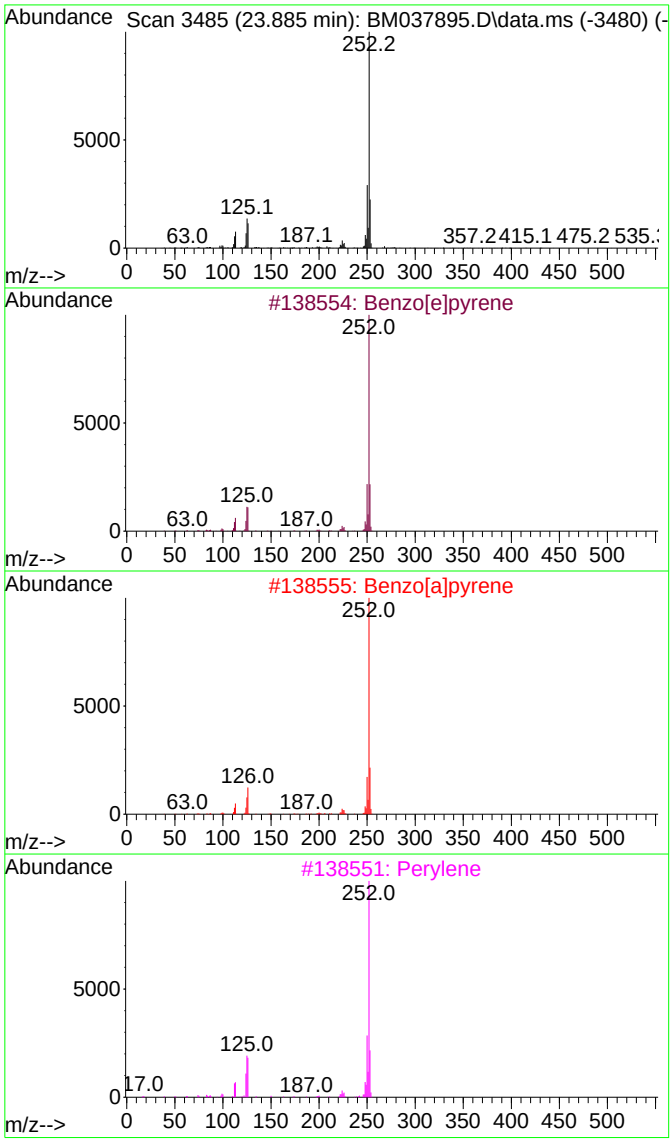
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

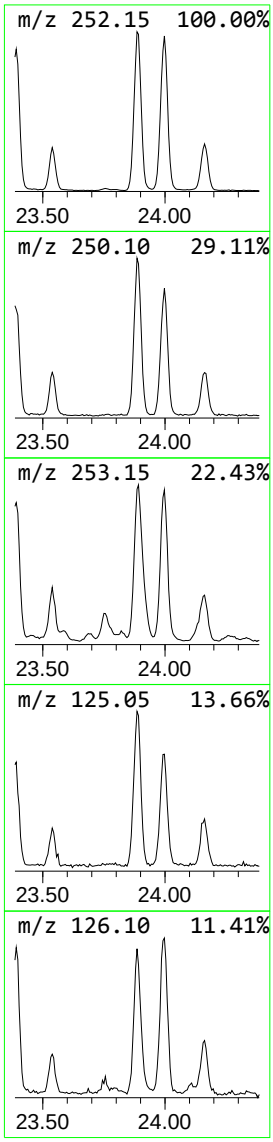
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	13.67 ng/ul	1603570	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	98
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4

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
Dibenzo furan	15.110	5.1	ng/ul	737689	3	14.716	2876190	20.0
(DEL) Alkane: S...	16.398	2.4	ng/ul	347234	4	17.456	2946510	20.0
(DEL) Alkane: S...	17.192	2.6	ng/ul	382907	4	17.456	2946510	20.0
Dibenzothiophene	17.733	2.6	ng/ul	388660	4	17.456	2946510	20.0
5H-Indeno[1,2-b...	17.862	33.8	ng/ul	4983090	4	17.456	2946510	20.0
Phenanthrene, 1...	18.374	2.7	ng/ul	398388	4	17.456	2946510	20.0
Phenanthrene, 2...	18.456	5.6	ng/ul	824165	4	17.456	2946510	20.0
4H-Cyclopenta[d...	18.527	10.8	ng/ul	1589240	4	17.456	2946510	20.0
1-Iodoundecane	18.621	2.6	ng/ul	390102	4	17.456	2946510	20.0
(DEL) Alkane: S...	19.245	2.3	ng/ul	344648	4	17.456	2946510	20.0
Cyclopenta(def)...	19.380	4.9	ng/ul	718544	4	17.456	2946510	20.0
Indeno(1,2,3-ij...	20.109	3.8	ng/ul	929879	5	21.621	4914820	20.0
11H-Benzo[b]flu...	20.198	2.1	ng/ul	518329	5	21.621	4914820	20.0
11H-Benzo[a]flu...	20.350	5.9	ng/ul	1446730	5	21.621	4914820	20.0
7H-Benzo[c]fluo...	20.450	2.5	ng/ul	600944	5	21.621	4914820	20.0
Pyrene, 1-methyl-	20.509	2.9	ng/ul	715136	5	21.621	4914820	20.0
Pyrene, 4-methyl-	20.650	2.0	ng/ul	496928	5	21.621	4914820	20.0
Cyclopenta[cd]p...	21.345	2.9	ng/ul	711552	5	21.621	4914820	20.0
Benzo[e]pyrene	23.886	13.7	ng/ul	1603570	6	24.109	2346330	20.0