LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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: BM037886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.087	791	799	807	rBV	1175969	1807416	1.75%	0.236%
2	10.910	1272	1279	1283	rVV	1598774	2631189	2.55%	0.344%
3	10.963	1283	1288	1295	rVV	1861440	3129550	3.03%	0.409%
4	12.557	1553	1559	1565	rVB	3098035	4665908	4.52%	0.610%
5	12.775	1587	1596	1605	rVB	2253200	3478308	3.37%	0.455%
6	13.557	1720	1729	1735	rVV	2066817	3259143	3.16%	0.426%
7	13.898	1776	1787	1794	rBV	1079755	2697603	2.61%	0.353%
8	14.039	1803	1811	1817	rBV	2338562	4326160	4.19%	0.566%
9	14.275	1839	1851	1855	rBV2	2206137	3973714	3.85%	0.519%
10	14.439	1875	1879	1889	rVB	987298	1640392	1.59%	0.214%
11	14.598	1901	1906	1911	rBV	786105	984087	0.95%	0.129%
12	14.686	1915	1921	1923	rVV	739795	1078640	1.04%	0.141%
13	14.722	1923	1927	1932	rVV	2117417	3148147	3.05%	0.412%
14	14.792	1932	1939	1945	rVB	18223344	29841925	28.90%	3.901%
15	14.922	1955	1961	1970	rVB3	557003	1374199	1.33%	0.180%
16	15.027	1970	1979	1983	rBV2	1295366	2215282	2.15%	0.290%
17	15.122	1987	1995	2001	rBV	14200254	22984035	22.26%	3.004%
18	15.186	2001	2006	2010	rBV	899335	1158911	1.12%	0.151%
19	15.327	2024	2030	2035	rBV2	838962	1490898	1.44%	0.195%
20	15.380	2035	2039	2046	rVB	1053026	1442102	1.40%	0.189%
21	15.498	2052	2059	2062	rBV2	597226	1201020	1.16%	0.157%
22	15.539	2062	2066	2071	rVB2	1092402	1612175	1.56%	0.211%
23	15.780	2098	2107	2114	rVV	21788469	41919709	40.60%	5.480%
24	15.857	2114	2120	2122	rVV	1092056	1640346	1.59%	0.214%
25	15.886	2122	2125	2128	rVV	2020272	2863638	2.77%	0.374%
26	15.921	2128	2131	2136	rVV2	2717811	4372666	4.24%	0.572%
27	15.974	2136	2140	2142	rVV2	775248	1247714	1.21%	0.163%
28	16.010	2142	2146	2150	rVV	2355711	3731108	3.61%	0.488%
29	16.051	2150	2153	2159	rVB	3509927	5046955	4.89%	0.660%
30	16.204	2174	2179	2186	rVB	3732406	7762579	7.52%	1.015%
31	16.292	2191	2194	2199	rVB	785870	1097679	1.06%	0.143%
32	16.404	2208	2213	2216	rBV2	1967076	3061772	2.97%	0.400%
33	16.557	2235	2239	2245	rVB3	597570	971325	0.94%	0.127%
34	16.763	2263	2274	2279	rBV2	3073776	6329192	6.13%	0.827%
35	16.810	2279	2282	2288	rVB2	1353205	1986261	1.92%	0.260%
36	16.910	2296	2299	2304	rVB	1327888	1810059	1.75%	0.237%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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	16.986	2309	2312	2315	rVV	823973	1127735	1.09%	0.147%
38	17.027	2316	2319	2323	rVB	966572	1255562	1.22%	0.164%
39	17.116	2330	2334	2340	rVB4	800364	1457584	1.41%	0.191%
40	17.198	2341	2348	2354	rVV4	2162187	4843039	4.69%	0.633%
41	17.280	2354	2362	2373	rVB	5960090	10030697	9.72%	1.311%
42	17.468	2388	2394	2395	rBV	1520549	2092858	2.03%	0.274%
43	17.539	2395	2406	2410	rVV2	27924348	73742385	71.42%	9.639%
44	17.651	2410	2425	2436	rVV2	30451713	103244562	100.00%	13.496%
45	17.751	2436	2442	2448	rVV	2000614	3069493	2.97%	0.401%
46	17.892	2456	2466	2470	rBV	19968638	39509127	38.27%	5.164%
47	17.933	2470	2473	2477	rVV	1290635	1622011	1.57%	0.212%
48	17.980	2477	2481	2487	rVV2	1616936	2308325	2.24%	0.302%
49	18.045	2489	2492	2500	rVB2	924488	1560258	1.51%	0.204%
50	18.186	2512	2516	2525	rVB	637743	1467145	1.42%	0.192%
51	18.339	2537	2542	2546	rBV	4458082	6207241	6.01%	0.811%
52	18.386	2546	2550	2556	rVB	6350525	9398168	9.10%	1.228%
53	18.474	2556	2565	2570	rBV	5238540	8292154	8.03%	1.084%
54	18.545	2570	2577	2580	rBV	12821764	22648585	21.94%	2.961%
55	18.633	2587	2592	2596	rVB3	1488649	2463730	2.39%	0.322%
56	18.680	2596	2600	2604	rBV	1312682	1589679	1.54%	0.208%
57	18.727	2604	2608	2612	rBV2	875786	1221904	1.18%	0.160%
58	18.827	2621	2625	2630	rBV	3045363	4051501	3.92%	0.530%
59	18.880	2630	2634	2642	rVV2	1410768	1952720	1.89%	0.255%
60	19.074	2663	2667	2671	rVB2	936124	1257962	1.22%	0.164%
61	19.121	2672	2675	2678	rVV	880594	1042137	1.01%	0.136%
62	19.162	2678	2682	2685	rVB2	897216	1138876	1.10%	0.149%
63	19.245	2691	2696	2700	rBV2	2106591	3546980	3.44%	0.464%
64	19.309	2704	2707	2710	rVB2	888580	1165294	1.13%	0.152%
65	19.409	2717	2724	2728	rBV4	685020	1531959	1.48%	0.200%
66	19.539	2736	2746	2750	rBV2	25630177	58194512	56.37%	7.607%
67	19.609	2754	2758	2762	rVB	1425833	1911923	1.85%	0.250%
68	19.757	2777	2783	2787	rVB2	2150148	3179157	3.08%	0.416%
69	19.892	2792	2806	2811	rBV4	22845084	58560386	56.72%	7.655%
70	19.939	2811	2814	2821	rVB2	2059856	2848812	2.76%	0.372%
71	20.051	2828	2833	2838	rVB	2769750	3558322	3.45%	0.465%
72	20.115	2840	2844	2850	rVB	2296516	3150604	3.05%	0.412%
73	20.186	2851	2856	2858	rBV	2305481	3874637	3.75%	0.506%
74	20.245	2863	2866	2874	rBV	787818	1138470	1.10%	0.149%
75	20.362	2874	2886	2891	rVB	6665979	13737026	13.31%	1.796%
76	20.462	2898	2903	2907	rVV	6535213	9133861	8.85%	1.194%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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	20.521	2907	2913	2917	rVV2	2790103	5679031	5.50%	0.742%
78	20.556	2917	2919	2923	rVV	1391916	1624666	1.57%	0.212%
79	20.598	2923	2926	2931	rVB3	707837	987694	0.96%	0.129%
80	20.662	2933	2937	2940	rVV	1693602	2223608	2.15%	0.291%
81	20.704	2941	2944	2952	rVB3	1660740	2702417	2.62%	0.353%
82	20.951	2983	2986	2988	rBV3	754730	875281	0.85%	0.114%
83	21.062	3001	3005	3010	rBV2	1046816	1904426	1.84%	0.249%
84	21.109	3010	3013	3018	rVB3	719034	1265462	1.23%	0.165%
85	21.274	3037	3041	3044	rBV	2925105	3776050	3.66%	0.494%
86	21.309	3044	3047	3051	rVB2	2921329	3533098	3.42%	0.462%
87	21.351	3051	3054	3059	rBV2	2670602	3560817	3.45%	0.465%
88	21.621	3091	3100	3104	rBV2	10240552	19570088	18.96%	2.558%
89	21.680	3105	3110	3114	rVB	9982915	15471657	14.99%	2.022%
90	21.798	3127	3130	3137	rVB	2013135	2852812	2.76%	0.373%
91	21.909	3146	3149	3154	rVB	1497226	2038632	1.97%	0.266%
92	21.962	3154	3158	3164	rVB2	1432046	2289274	2.22%	0.299%
93	22.545	3254	3257	3263	rVB2	658001	1001010	0.97%	0.131%
94	22.750	3288	3292	3299	rBV4	644870	1241254	1.20%	0.162%
95	23.368	3390	3397	3402	rBV	5787628	14961171	14.49%	1.956%
96	23.550	3424	3428	3434	rVB	975278	1645312	1.59%	0.215%
97	23.903	3482	3488	3495	rBV	2993040	6213984	6.02%	0.812%
98	24.015	3501	3507	3514	rVB	3530979	6782709	6.57%	0.887%
99	24.121	3521	3525	3530	rVB2	928910	1486995	1.44%	0.194%
100	26.721	3960	3967	3972	rBV2	1126241	3217131	3.12%	0.421%

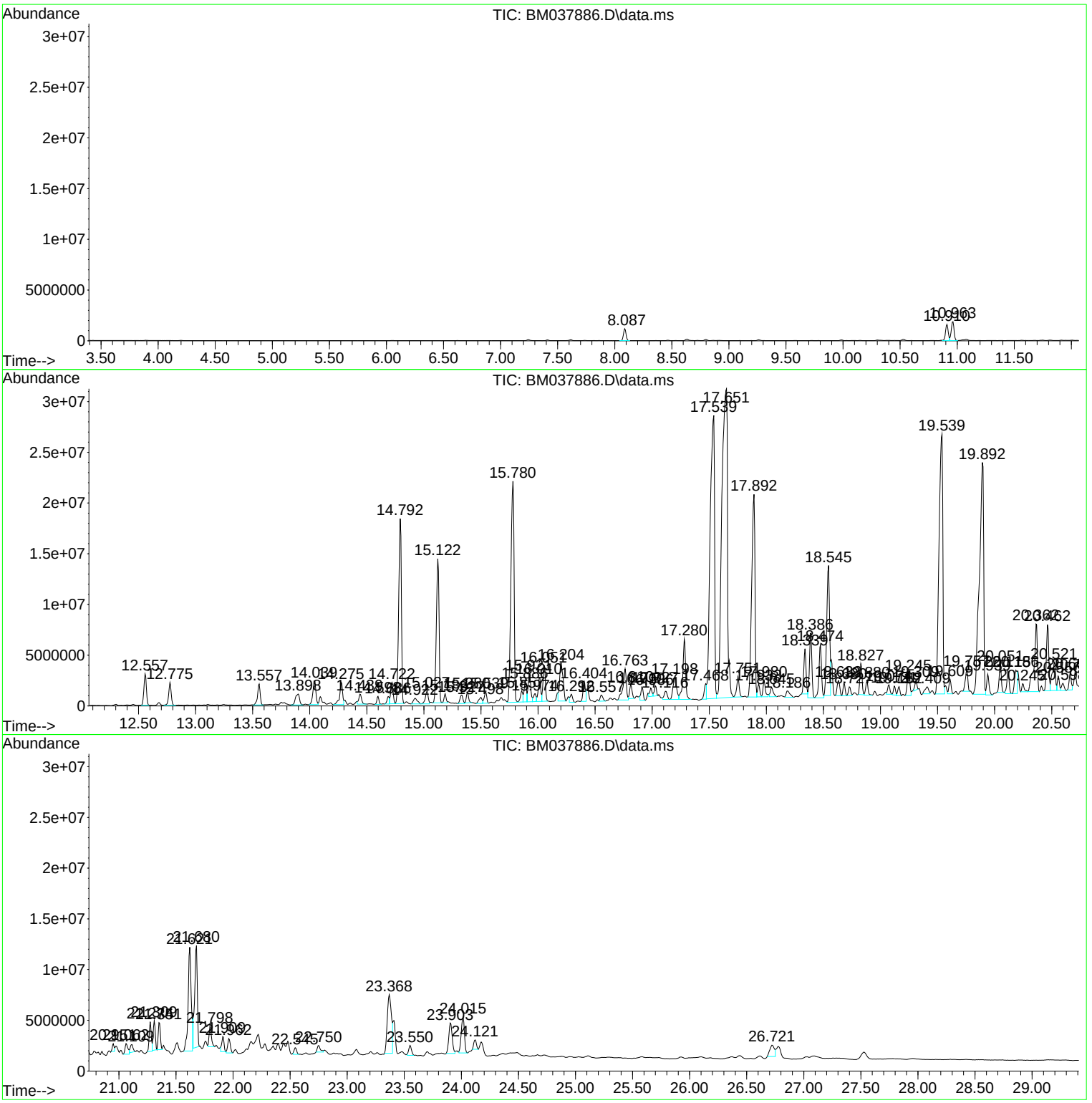
Sum of corrected areas: 765013767

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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 : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

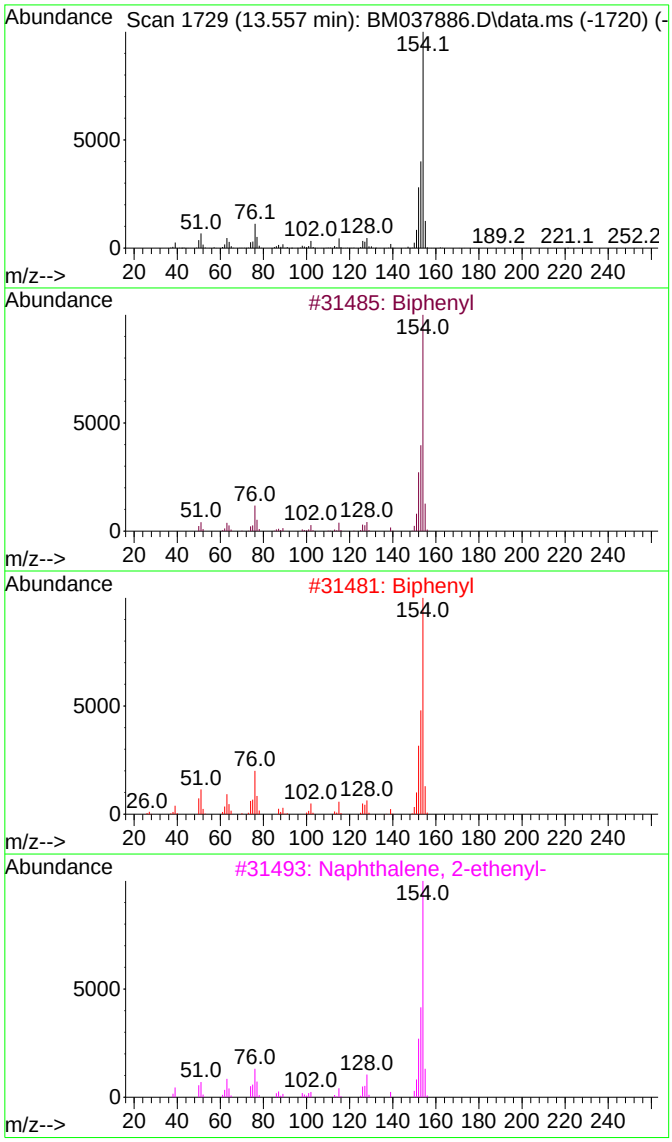
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

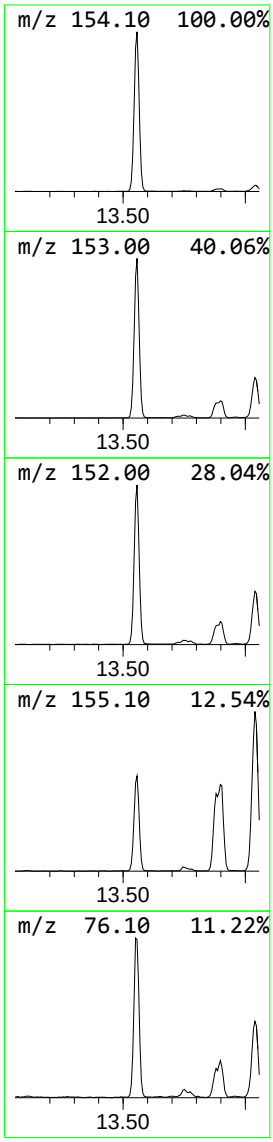
****

Peak Number 1 Biphenyl Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	20.71 ng/ul	3259140	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

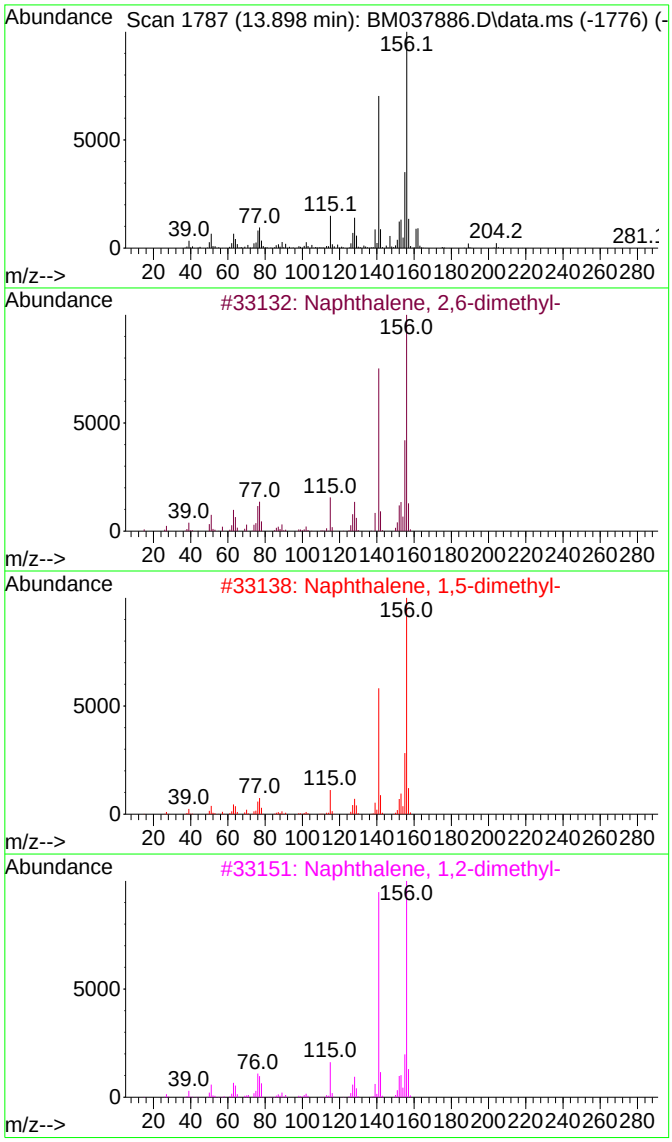
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

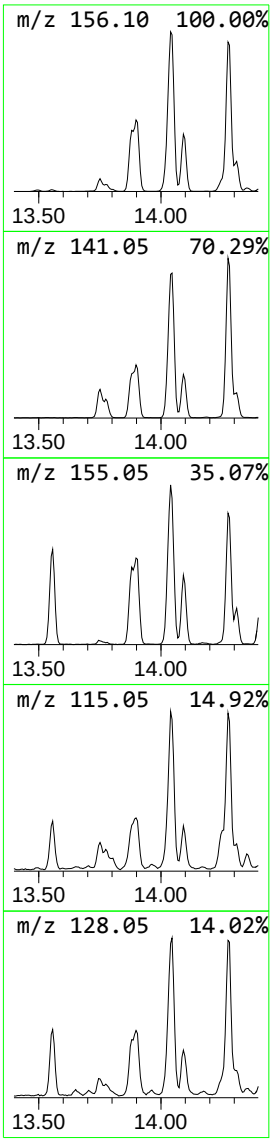
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	17.14 ng/ul	2697600	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

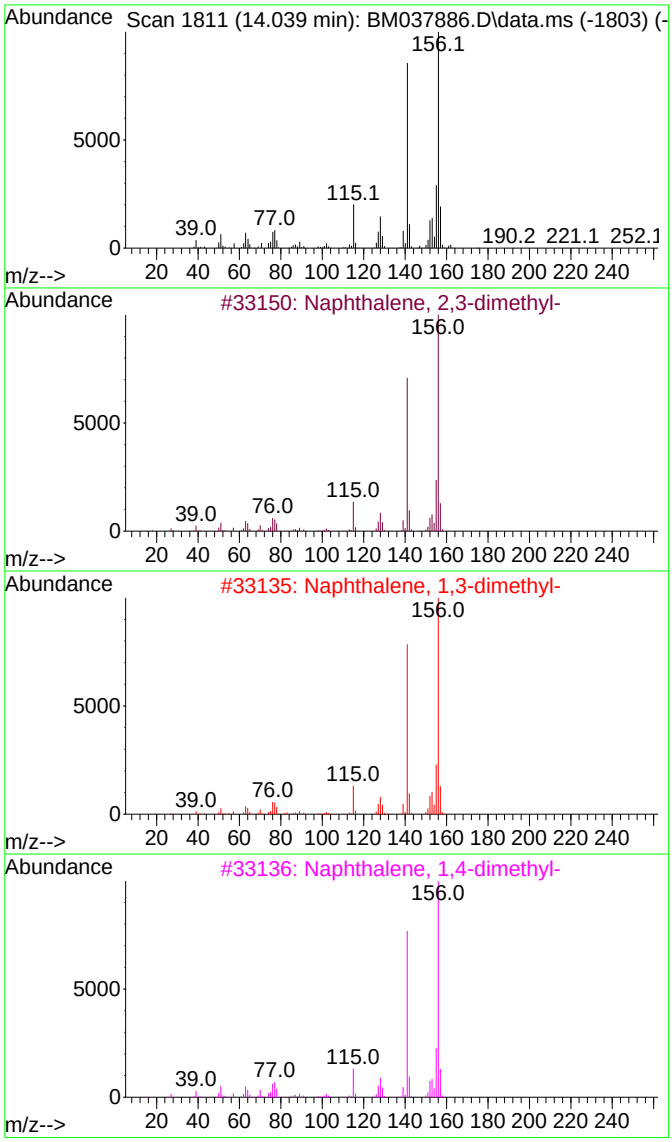
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

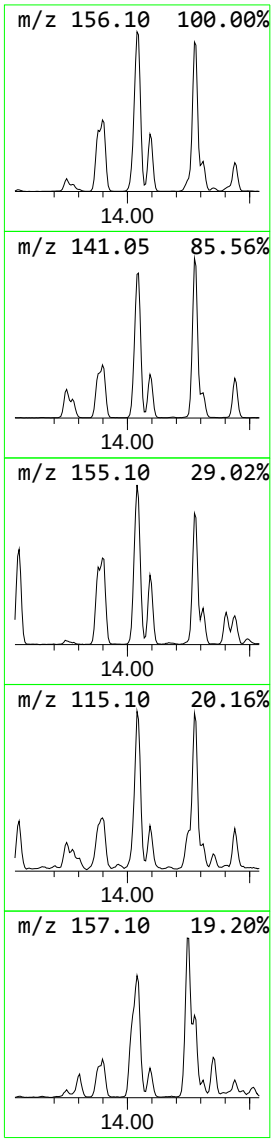
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	27.48 ng/ul	4326160	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

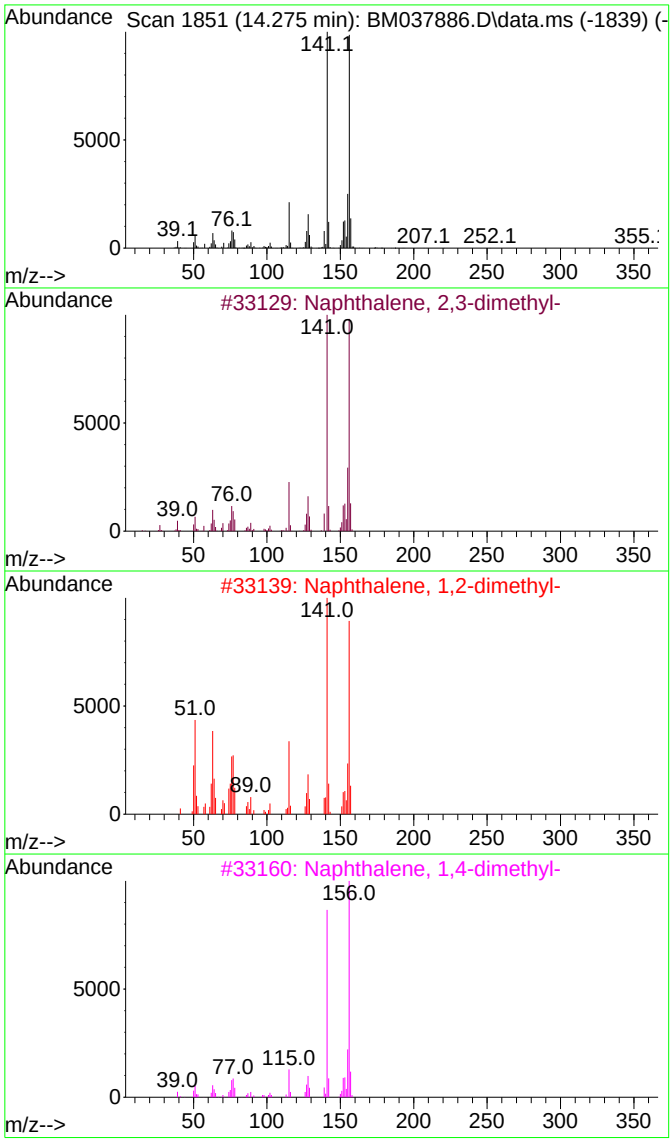
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

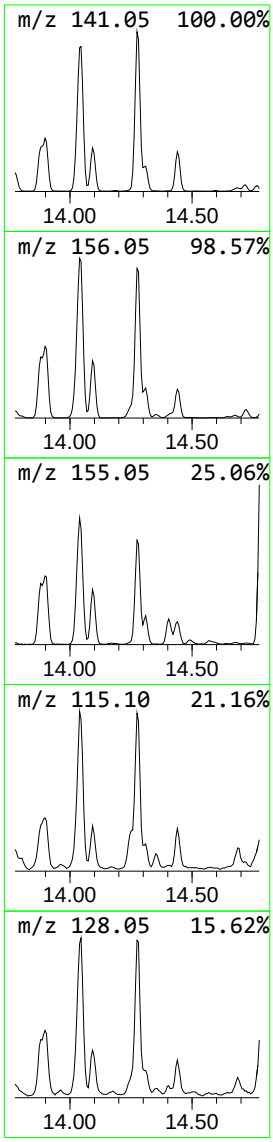
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.275	25.24 ng/ul	3973710	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

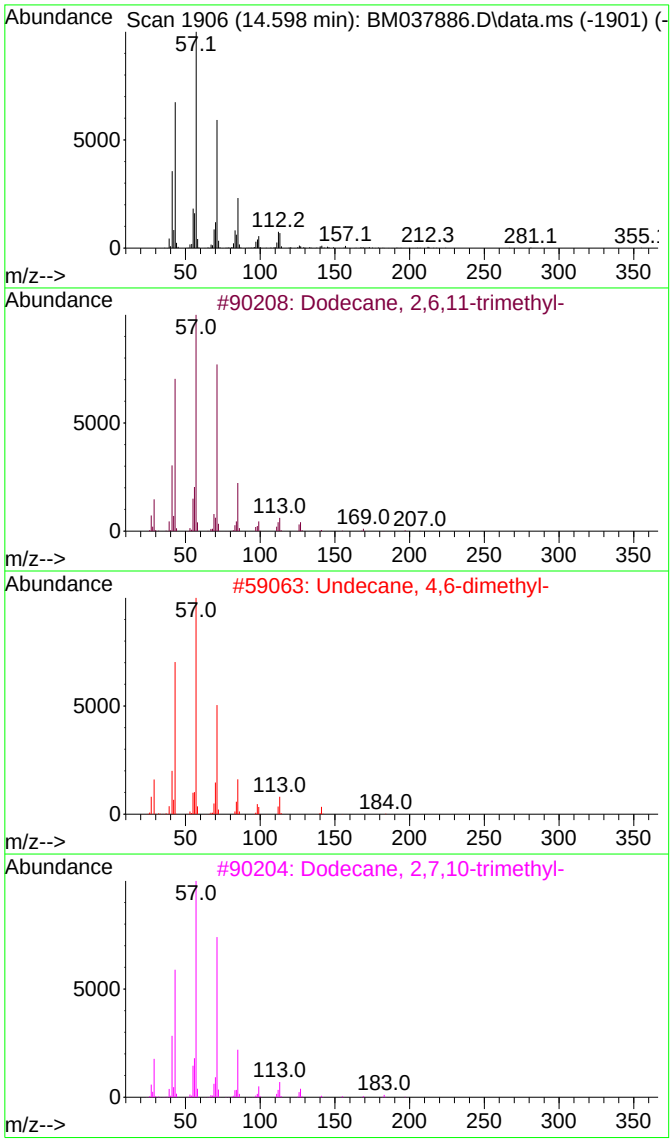
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

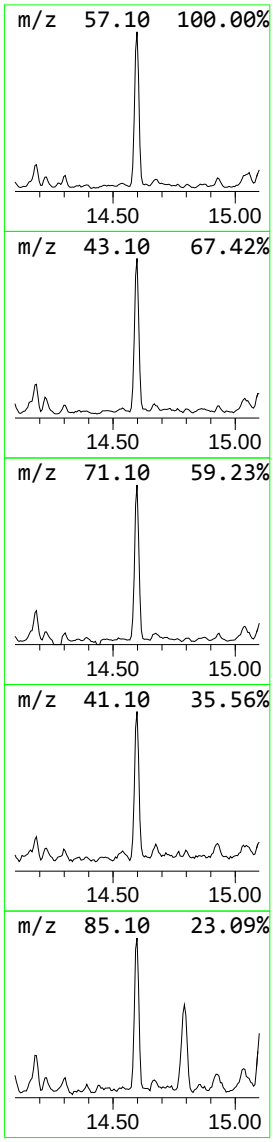
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	6.25 ng/ul	984087	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Hexadecane	226	C16H34	000544-76-3	78
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

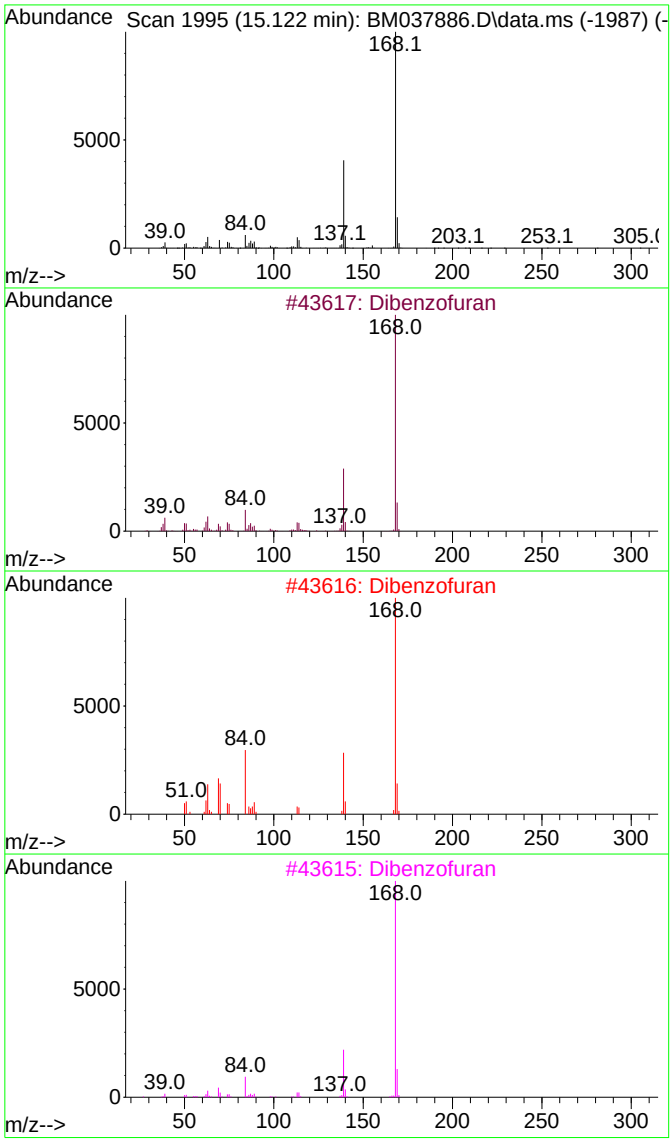
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

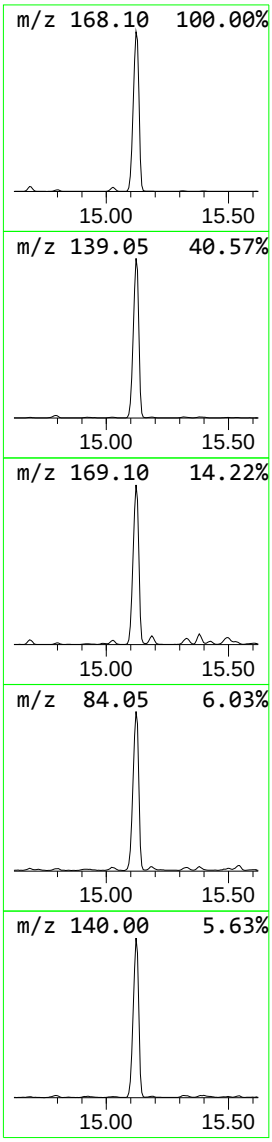
****

Peak Number 7 Dibenzo furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	146.02 ng/ul	22984000	Acenaphthene-d10	14.722

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	59
4	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

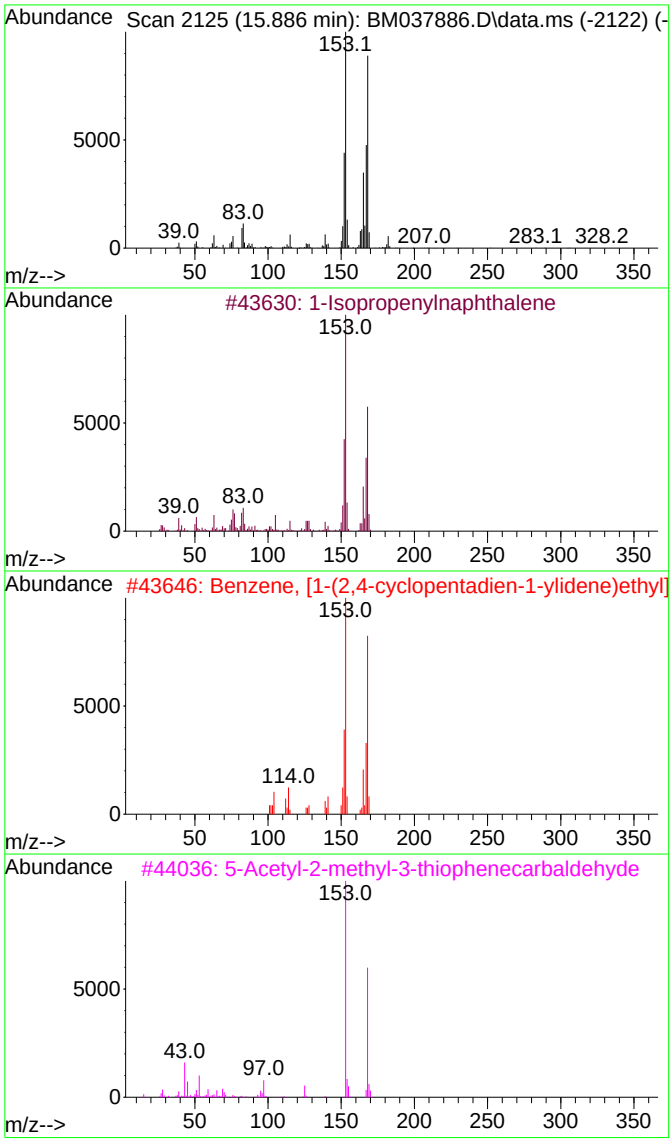
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

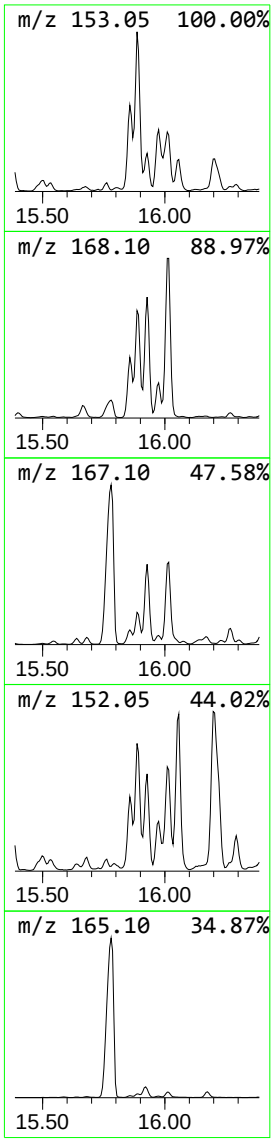
****

Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.886	18.19 ng/ul	2863640	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	74
3	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	49
4	Diphenylmethane	168	C13H12	000101-81-5	47
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

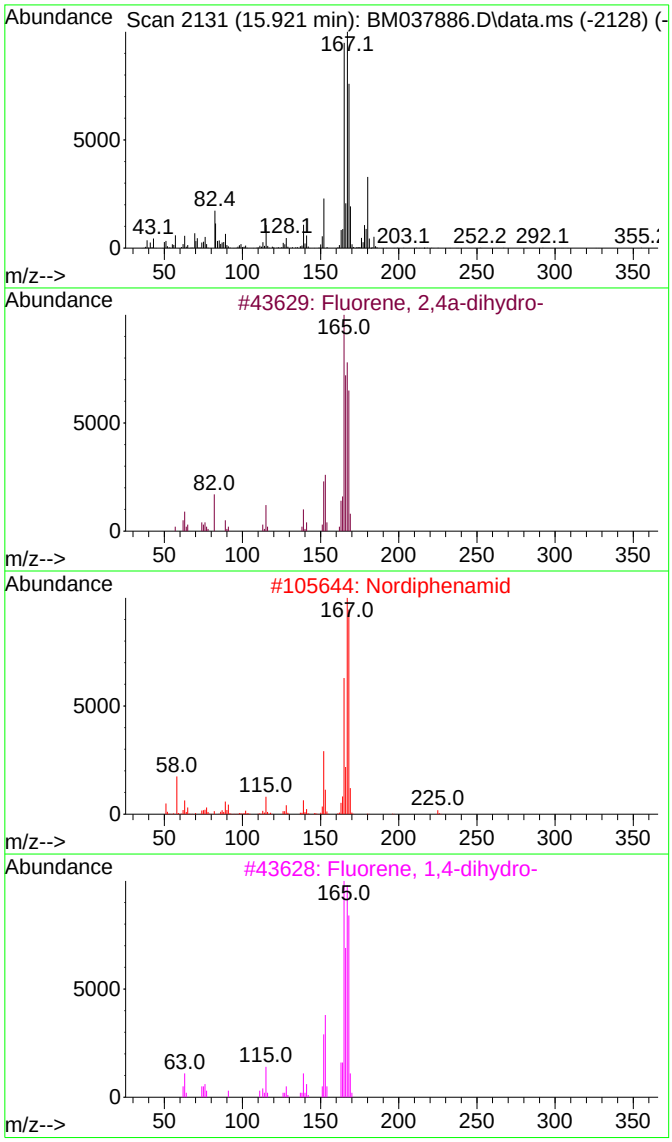
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

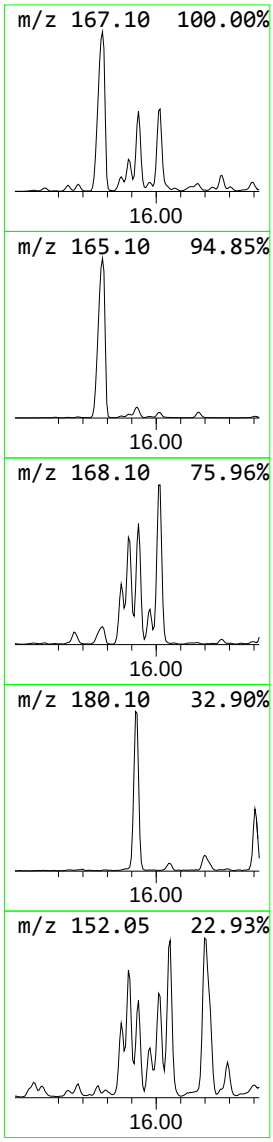
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluorene, 2,4a-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.922	27.78 ng/ul	4372670	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	64
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	55
4	Diphenylmethane	168	C13H12	000101-81-5	53
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

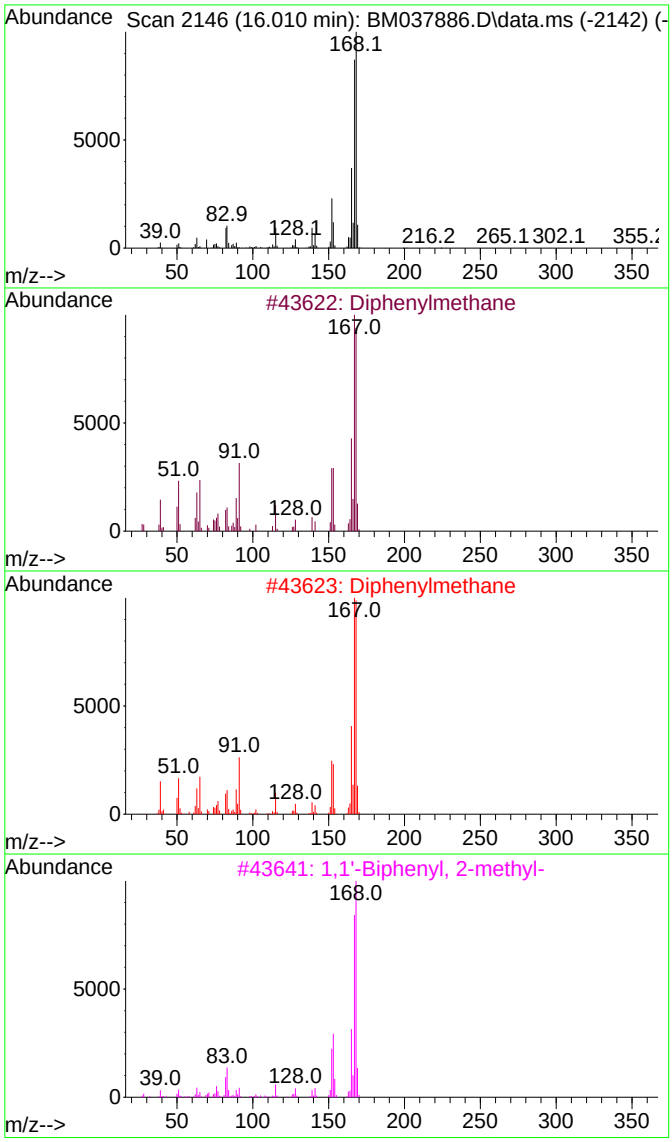
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

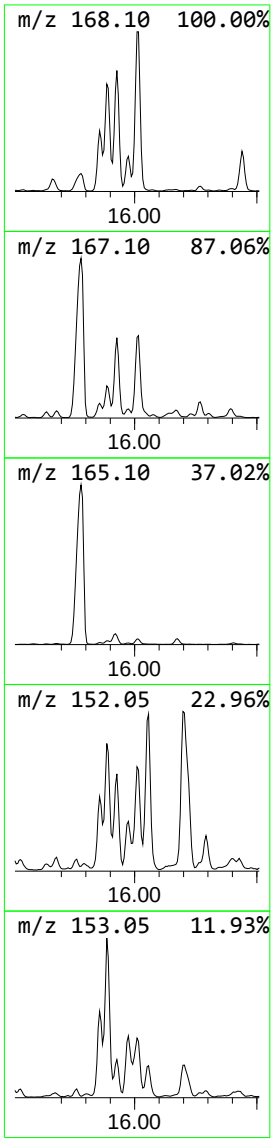
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Diphenylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.010	23.70 ng/ul	3731110	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	Diphenylmethane	168	C13H12	000101-81-5	91
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
4	Nordiphenamid	225	C15H15NO	000954-21-2	90
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

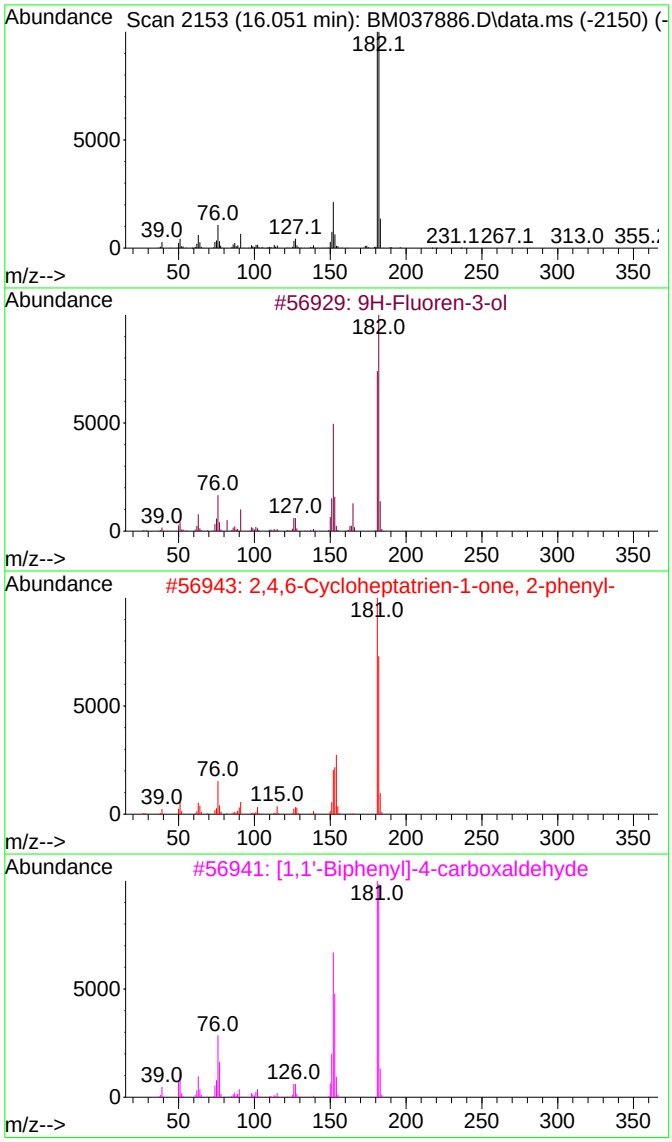
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

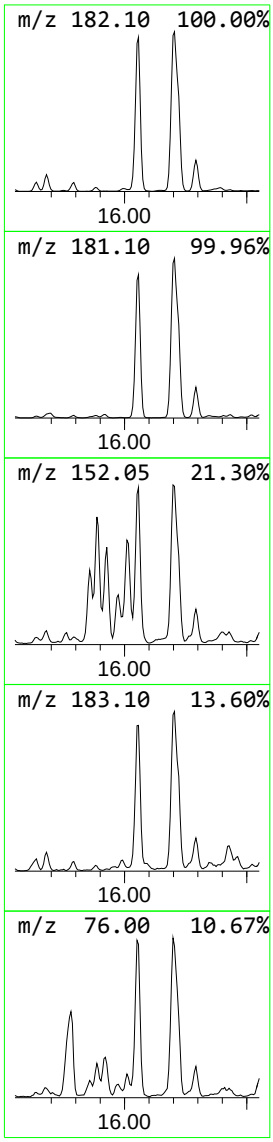
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Fluoren-3-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	32.06 ng/ul	5046960	Acenaphthene-d10	14.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

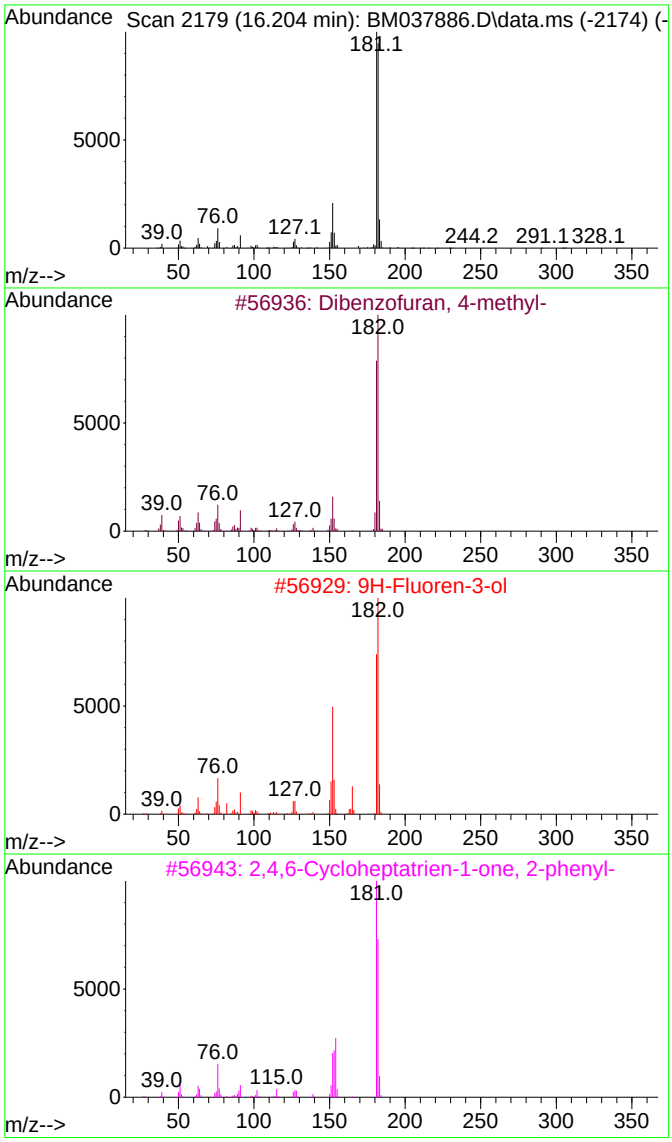
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

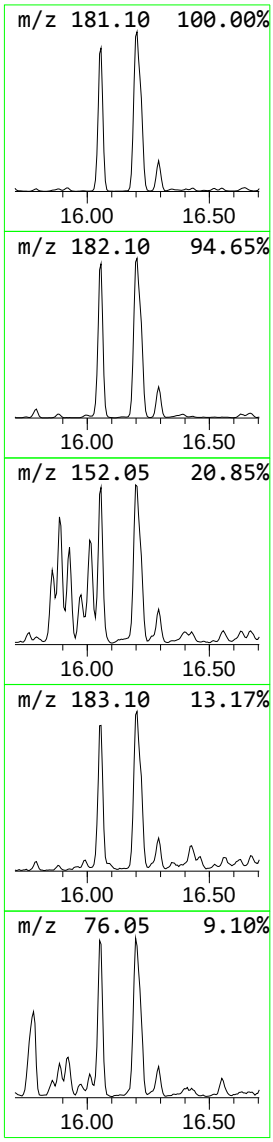
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	74.18 ng/ul	7762580	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

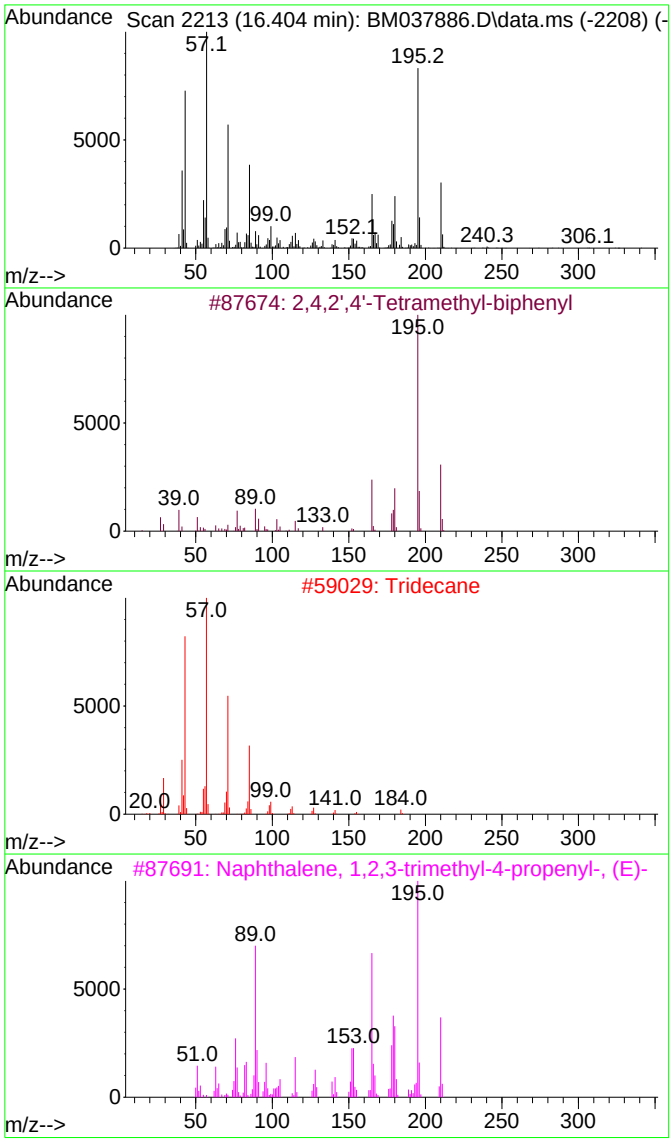
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

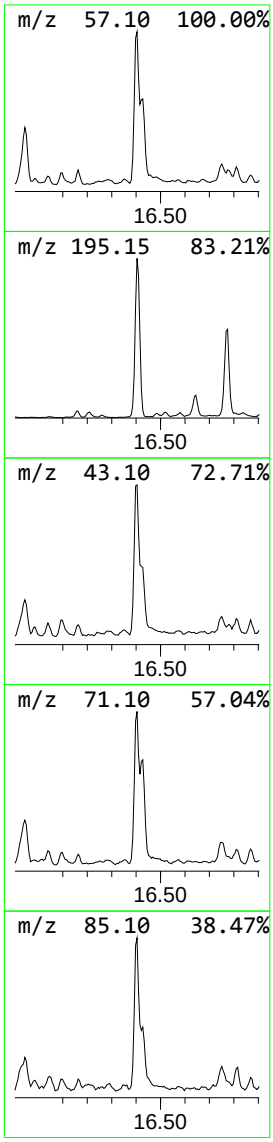
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	29.26 ng/ul	3061770	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	90
2	Tridecane	184	C13H28	000629-50-5	62
3	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	60
4	Tridecane	184	C13H28	000629-50-5	50
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

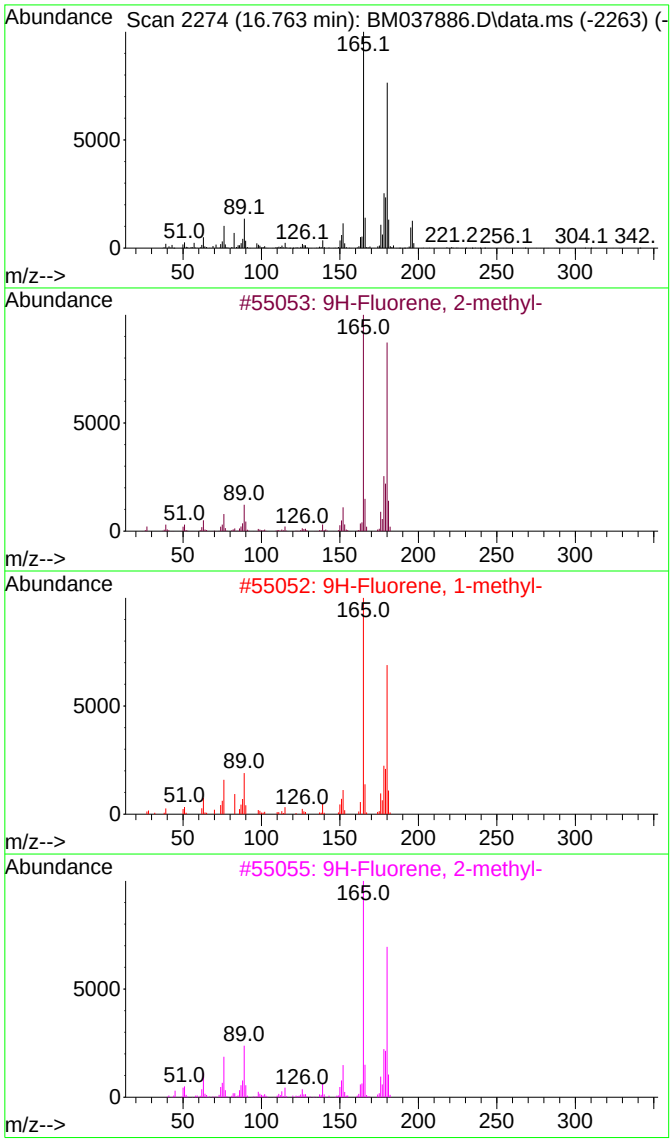
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

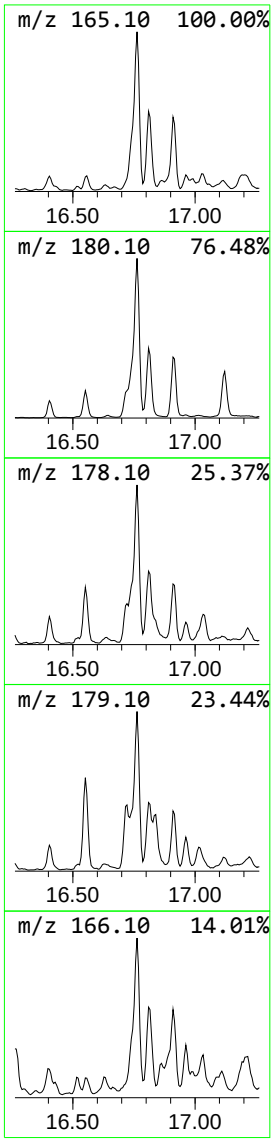
****

Peak Number 23 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	60.48 ng/ul	6329190	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

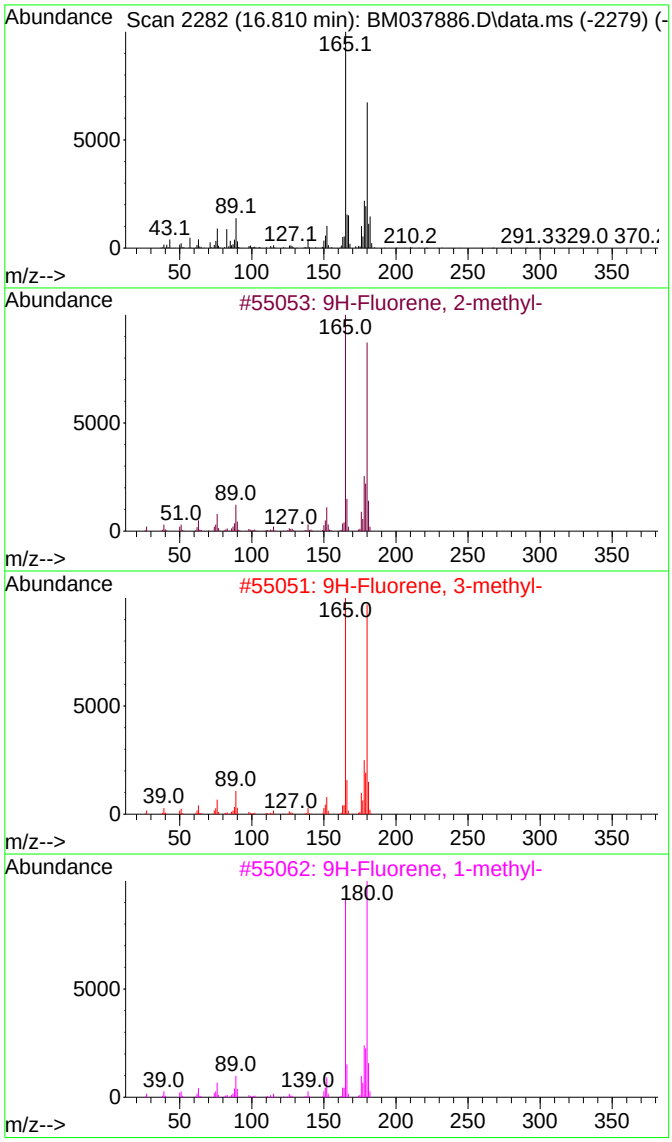
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

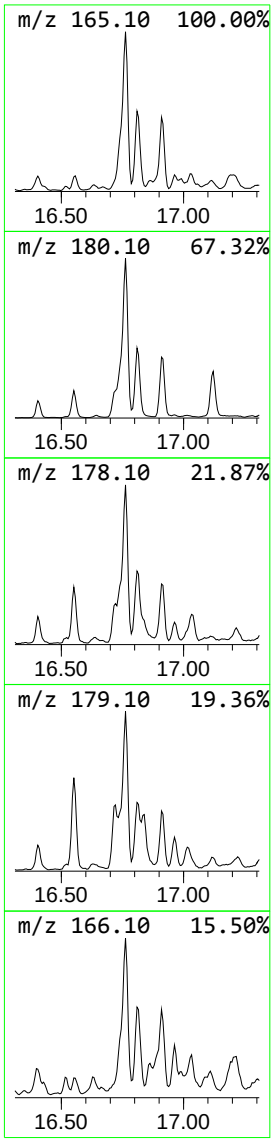
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9H-Fluorene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.810	18.98 ng/ul	1986260	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

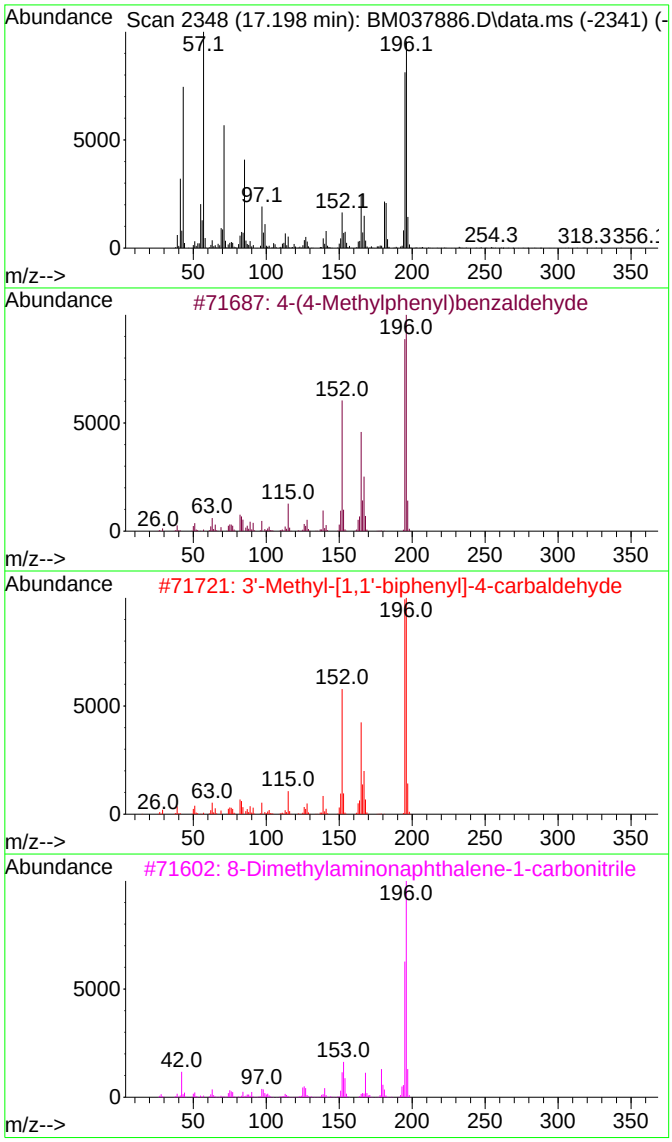
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

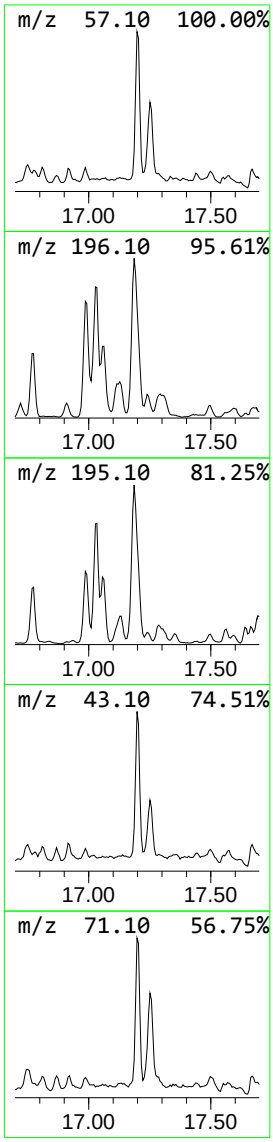
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 4-(4-Methylphenyl)benzaldehyde Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	46.28 ng/ul	4843040	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	70
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	70
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	46
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

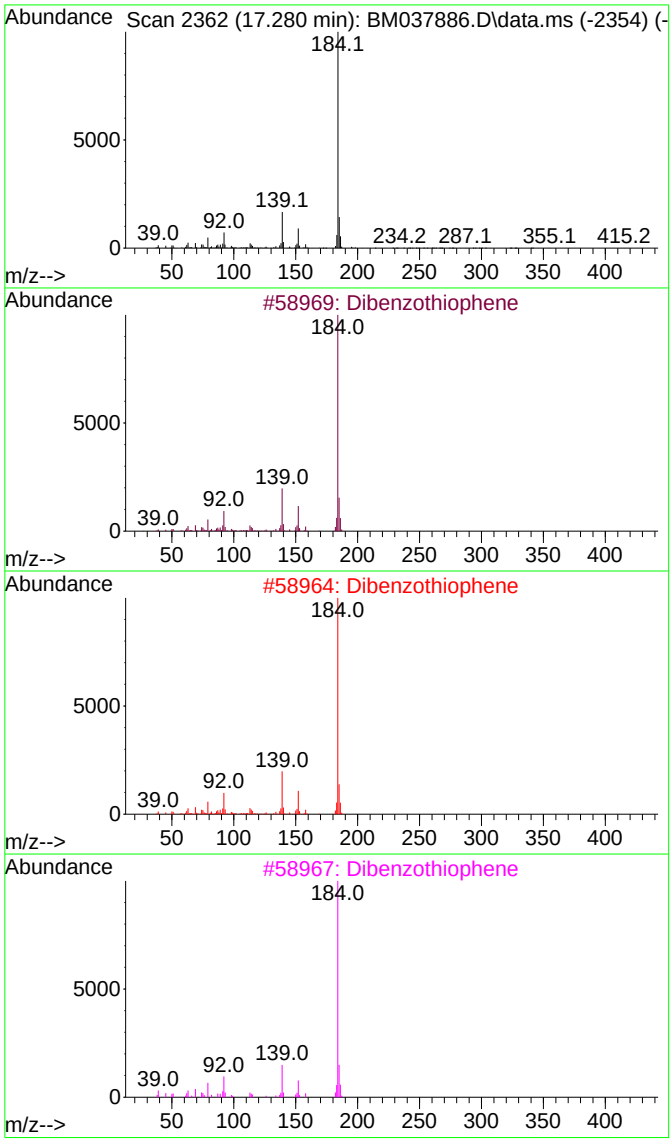
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

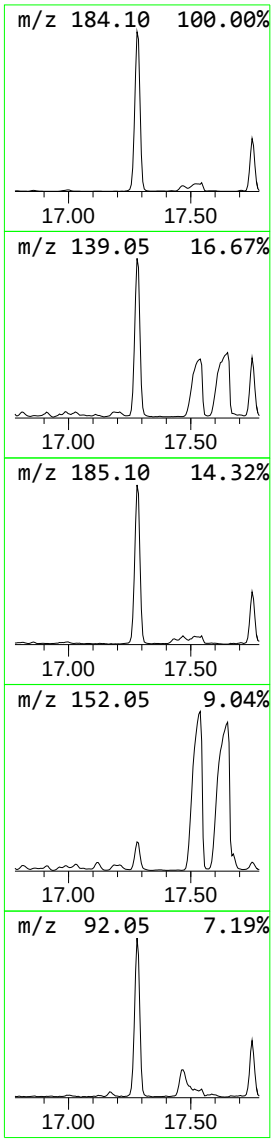
****

Peak Number 29 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	95.86 ng/ul	10030700	Phenanthrene-d10	17.468

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

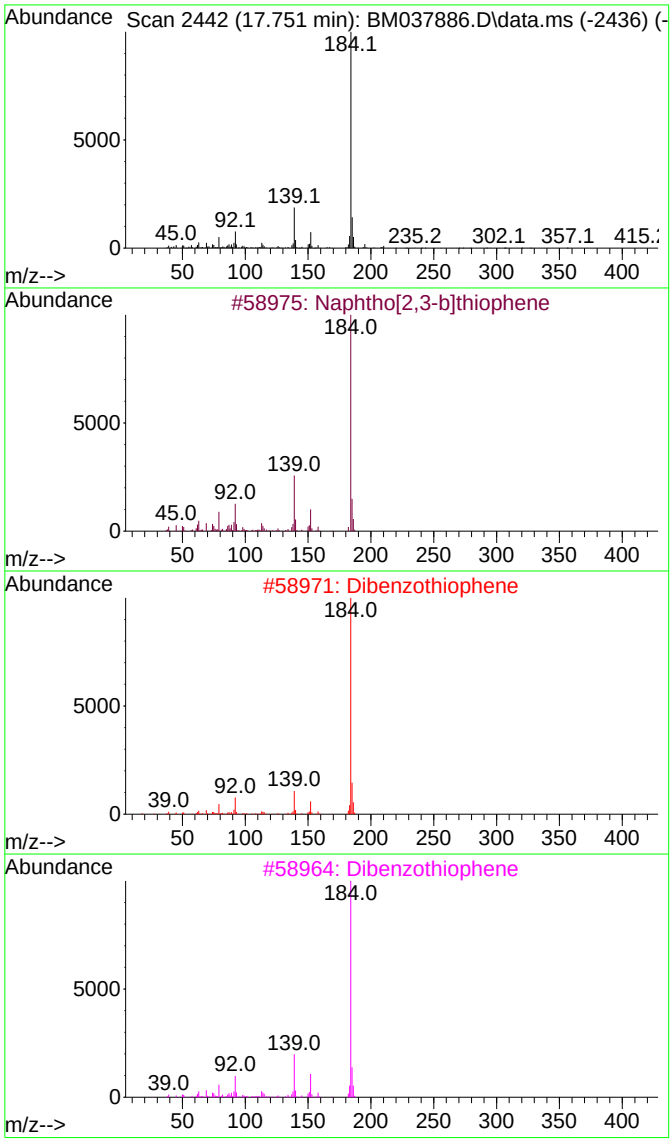
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

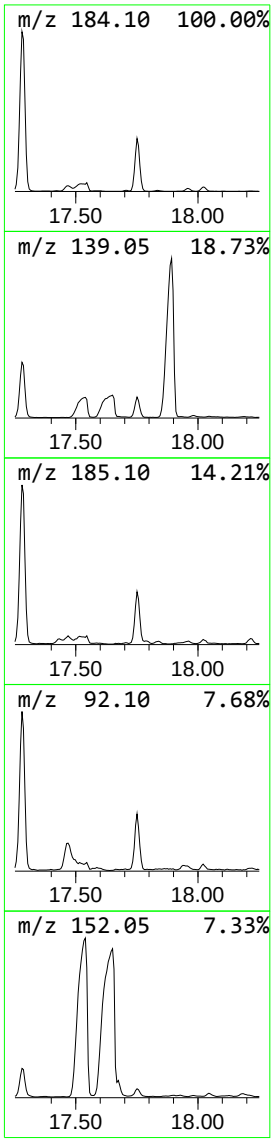
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphtho[2,3-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	29.33 ng/ul	3069490	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

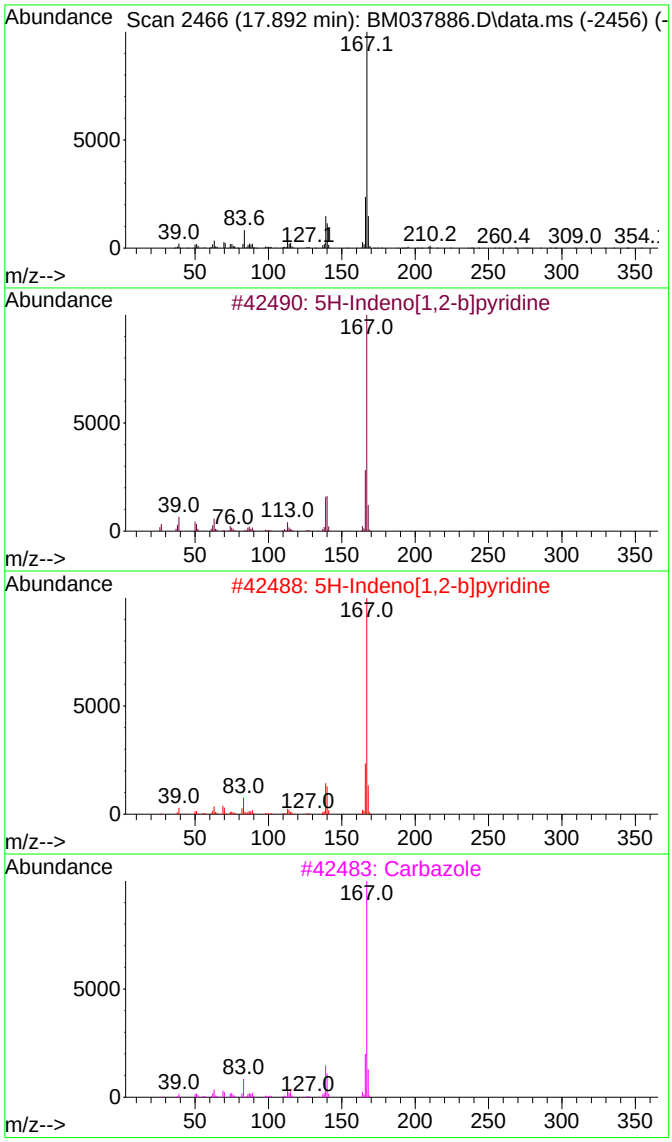
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

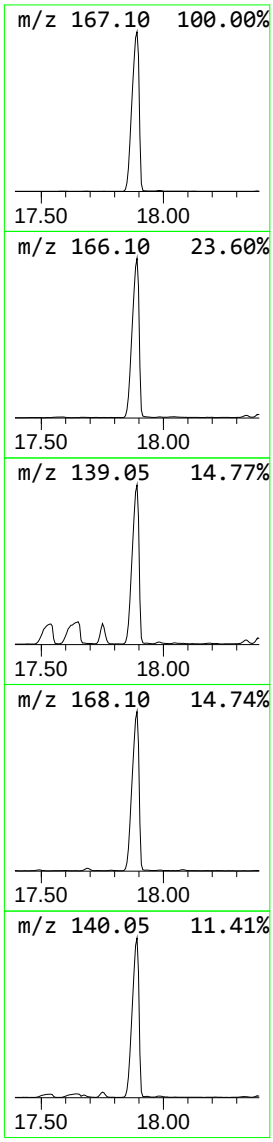
****

Peak Number 31 5H-Indeno[1,2-b]pyridine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	377.56 ng/ul	39509100	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
3	Carbazole	167	C12H9N	000086-74-8	96
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
5	Carbazole	167	C12H9N	000086-74-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

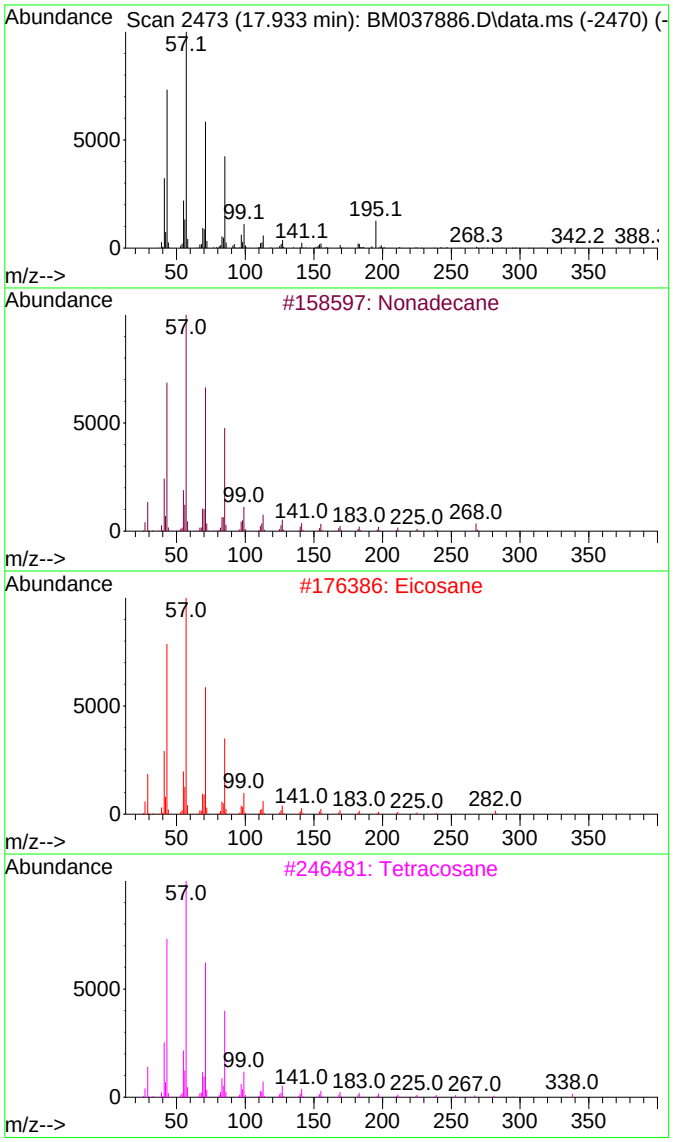
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

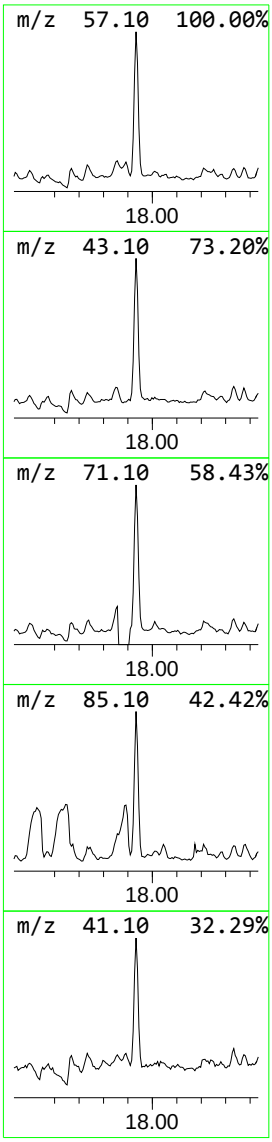
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	15.50 ng/ul	1622010	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

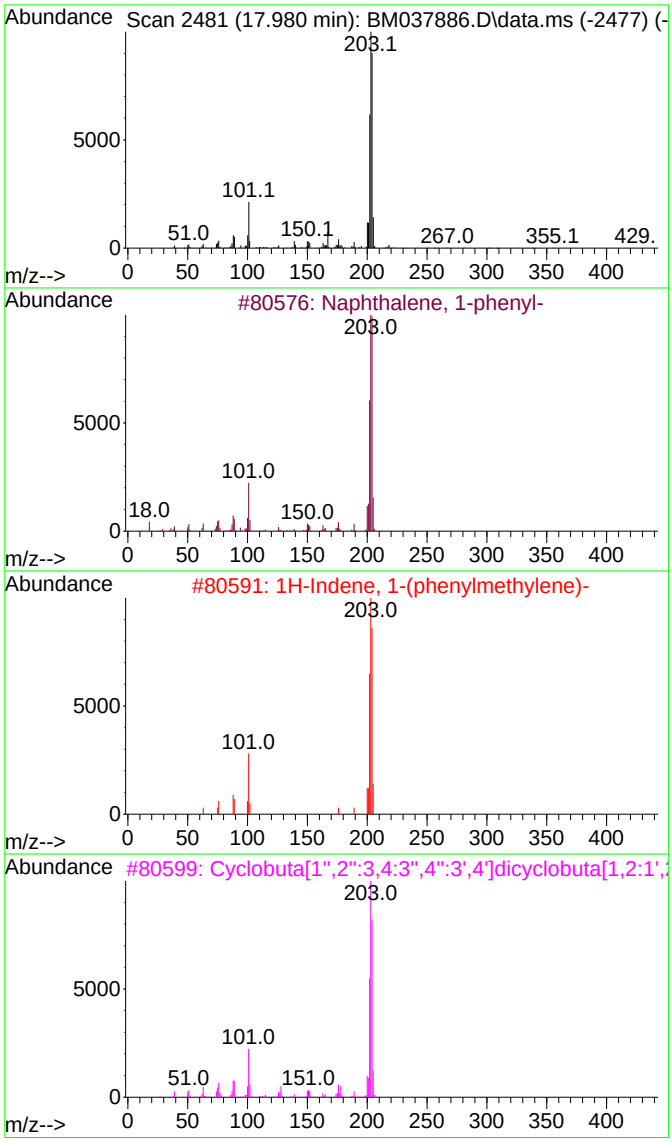
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

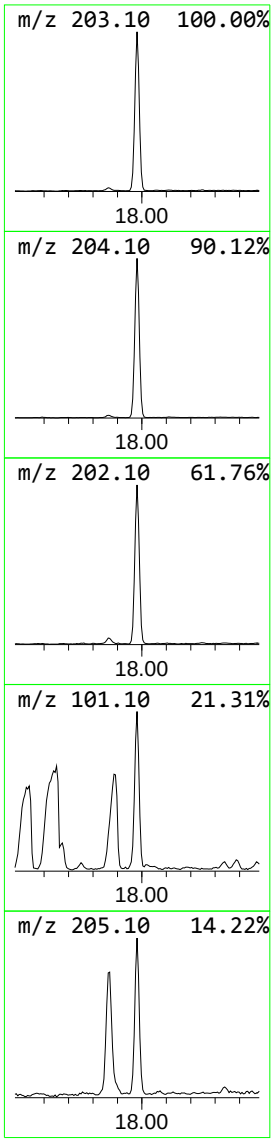
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	22.06 ng/ul	2308330	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	90
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	81
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	81
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

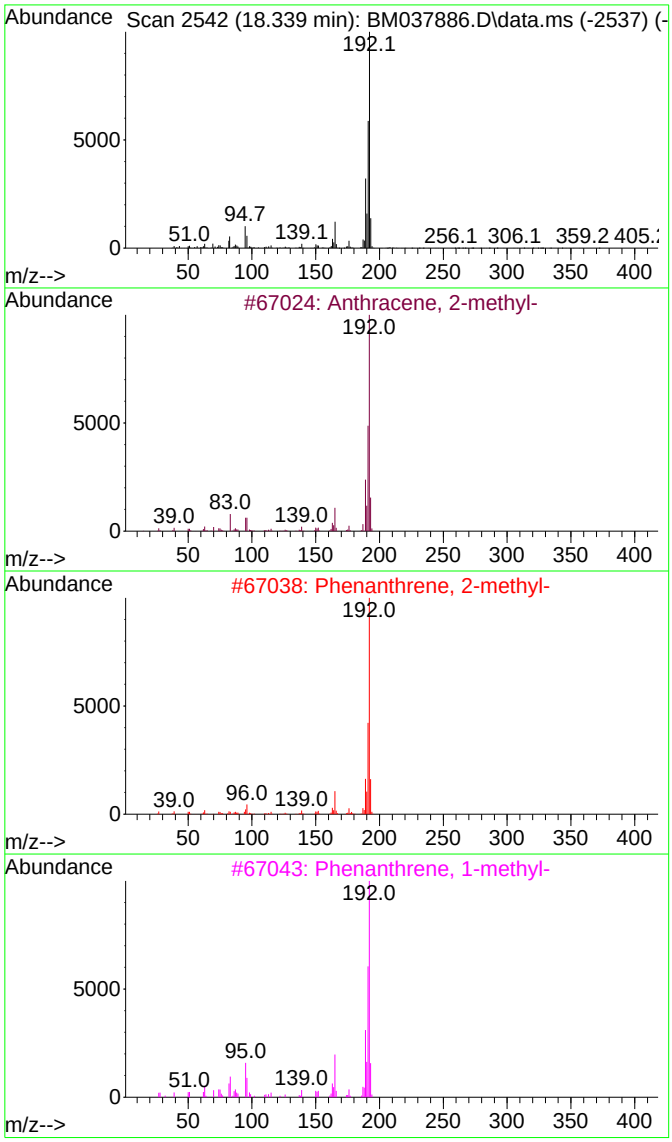
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

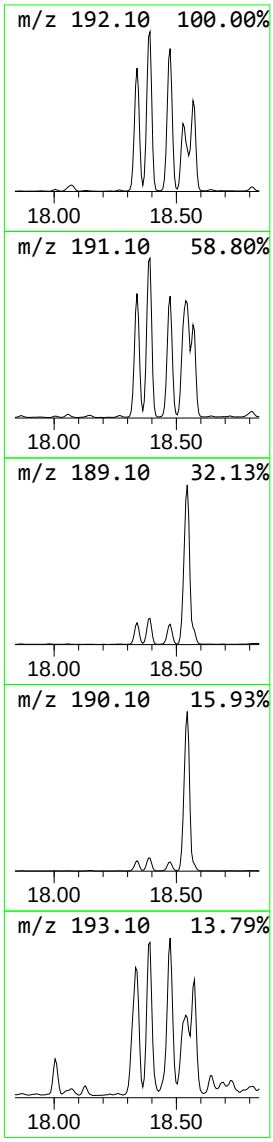
****

Peak Number 36 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	59.32 ng/ul	6207240	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

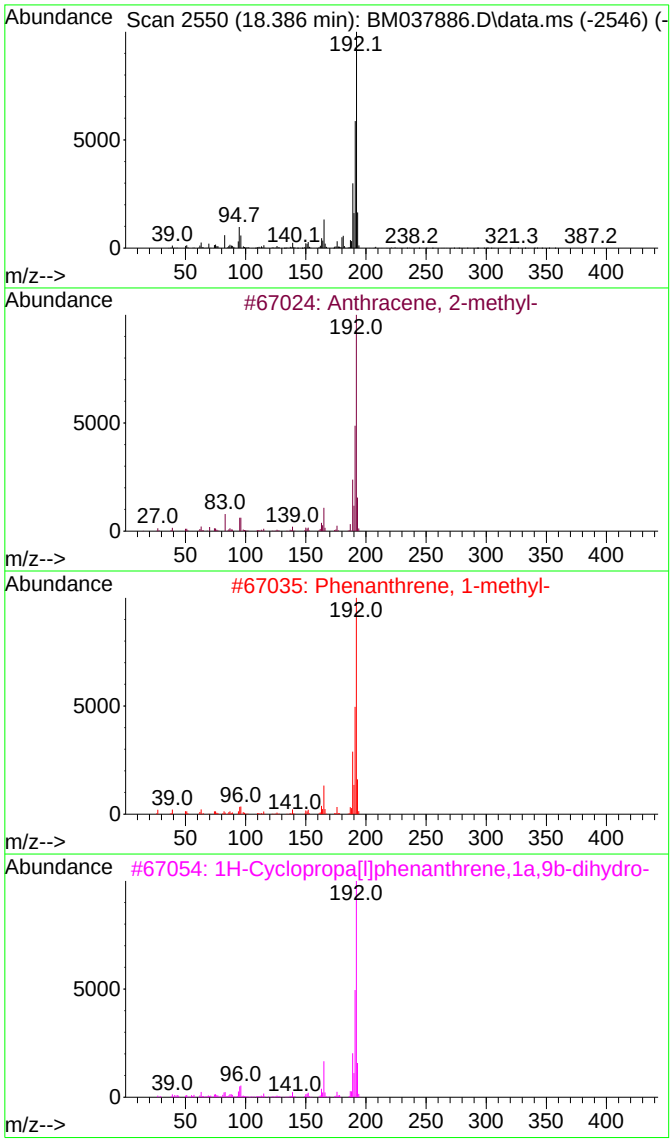
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

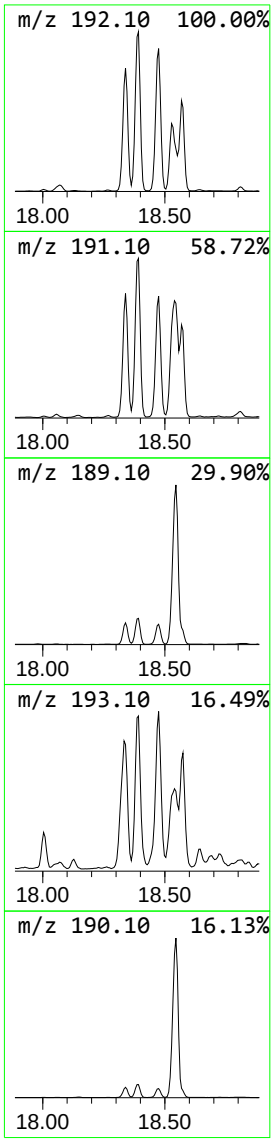
****

Peak Number 37 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	89.81 ng/ul	9398170	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

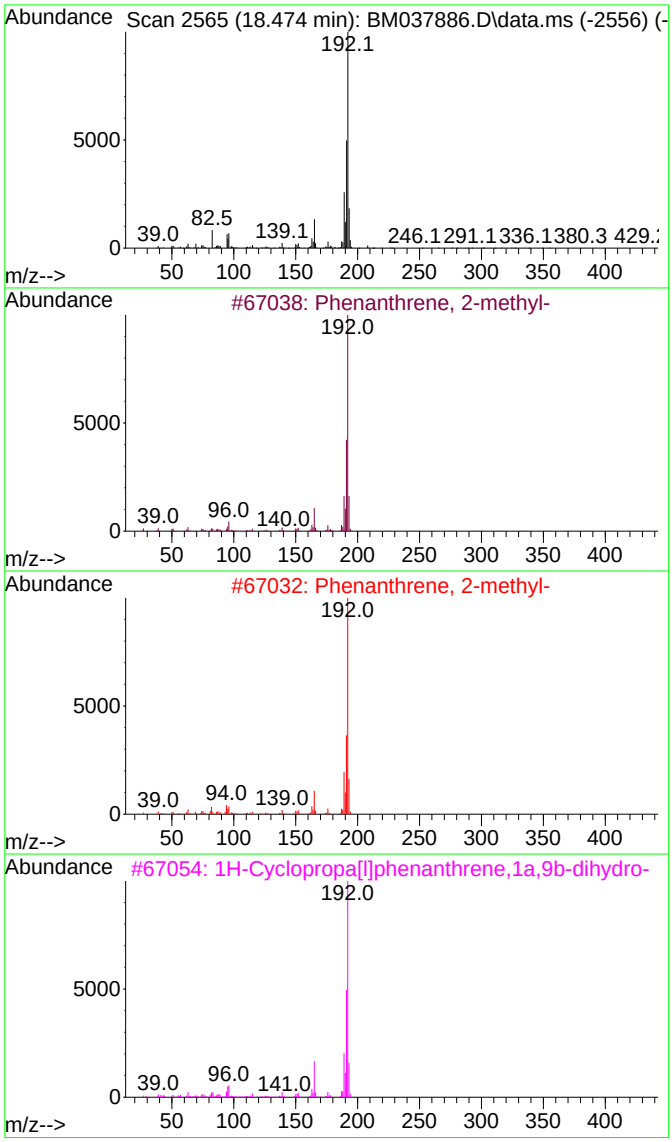
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

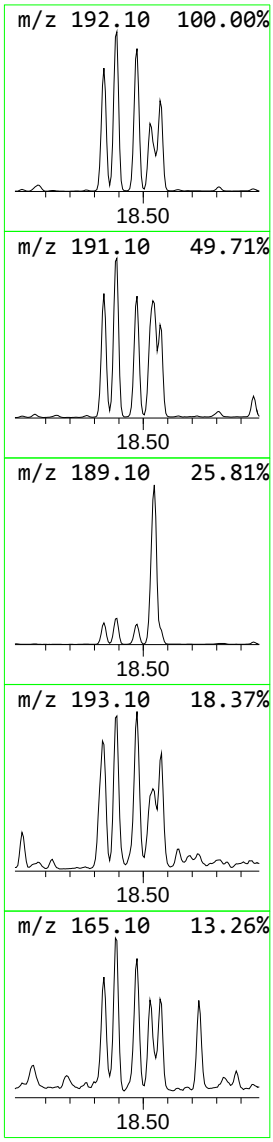
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	79.24 ng/ul	8292150	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

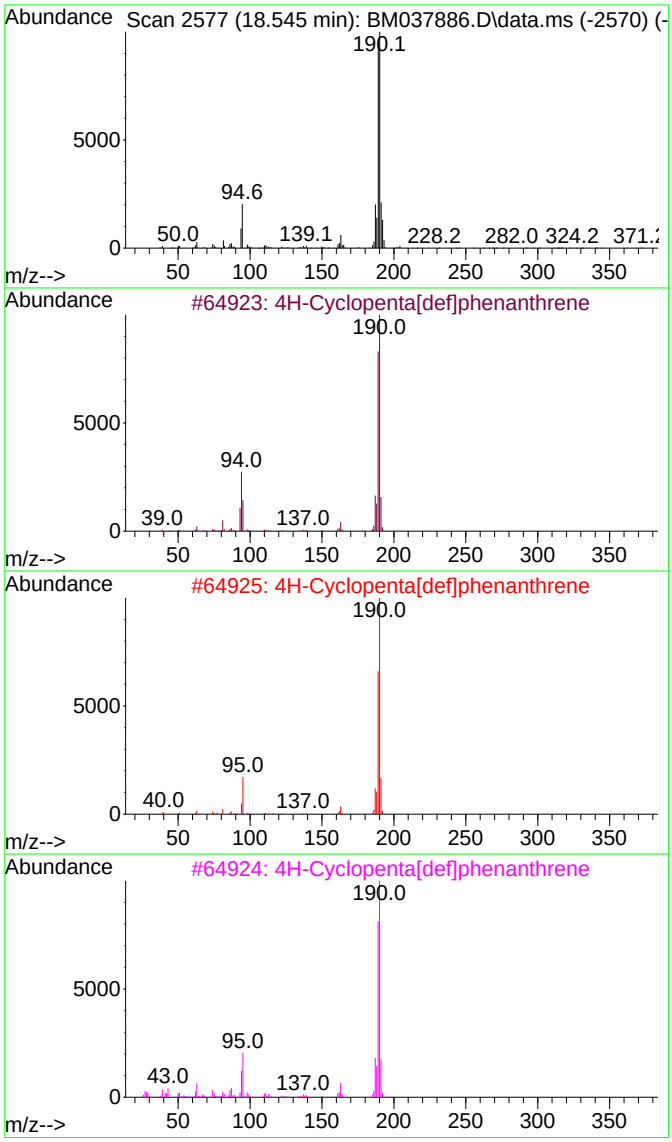
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

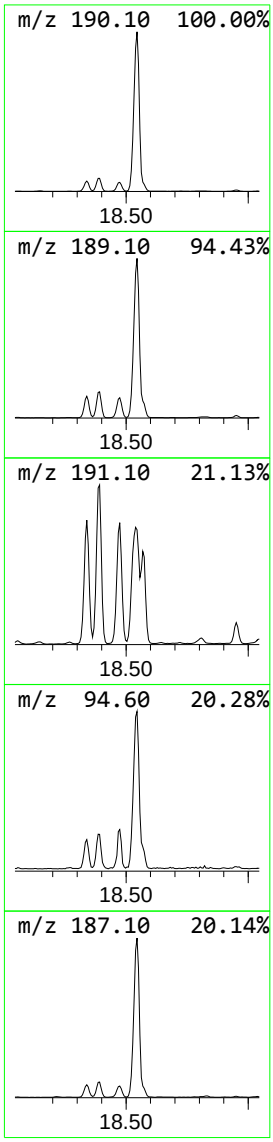
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	216.44 ng/ul	22648600	Phenanthrene-d10	17.468

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	59
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

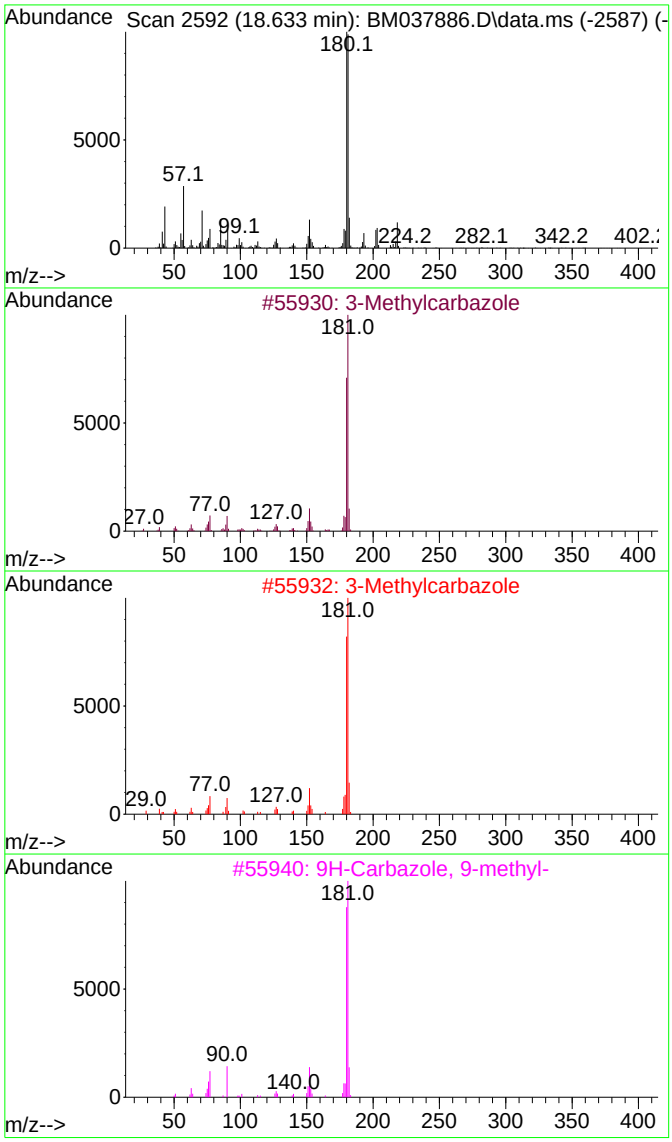
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

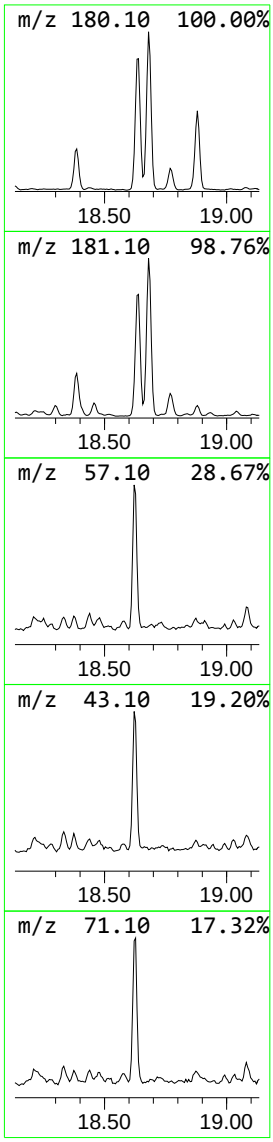
****

Peak Number 40 3-Methylcarbazole Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	23.54 ng/ul	2463730	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	3-Methylcarbazole	181	C13H11N	004630-20-0	97
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
4	4-Methylcarbazole	181	C13H11N	003770-48-7	95
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

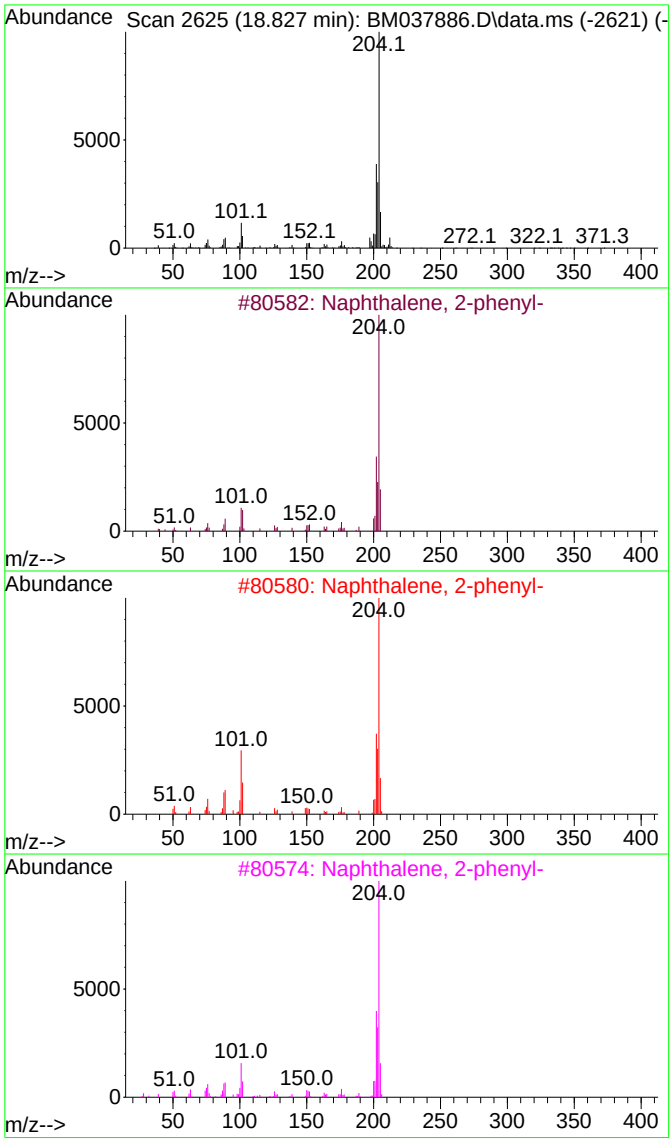
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

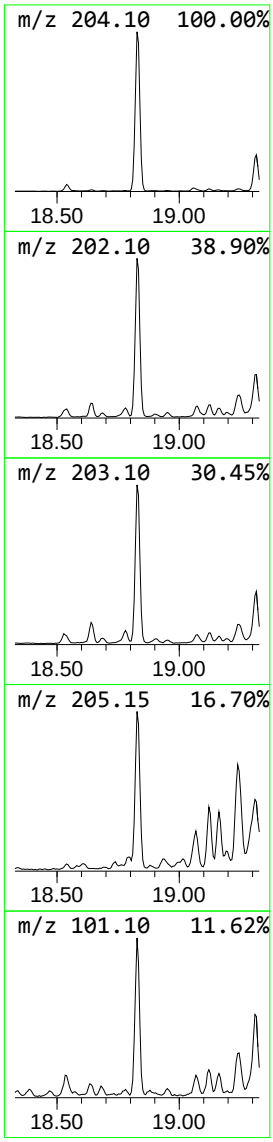
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.827	38.72 ng/ul	4051500	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

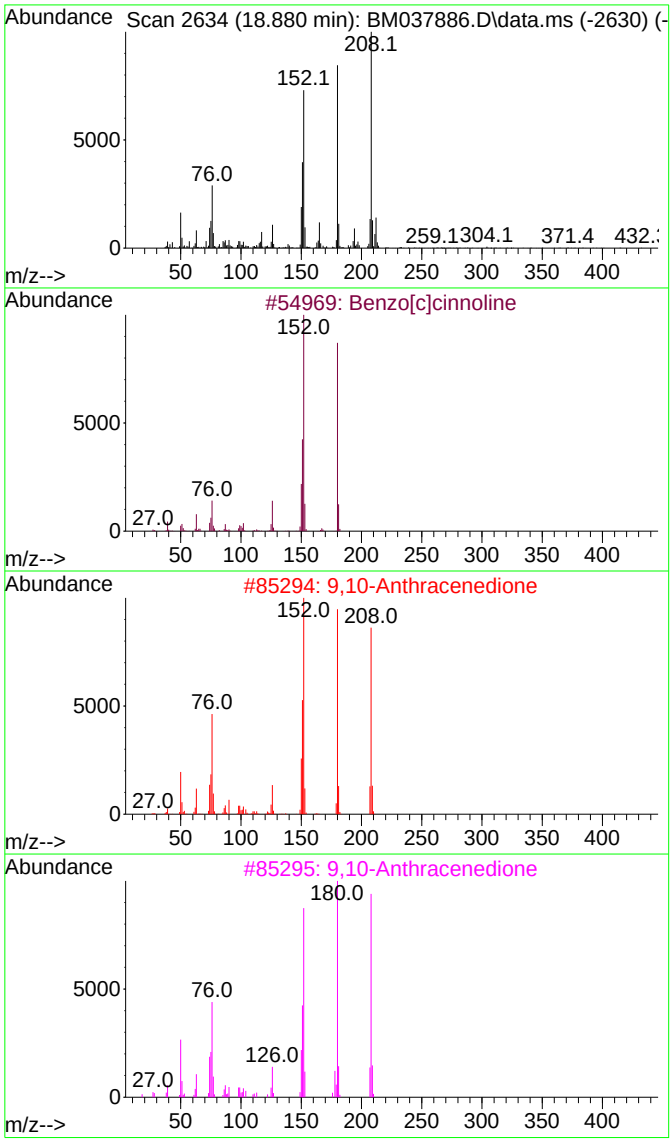
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

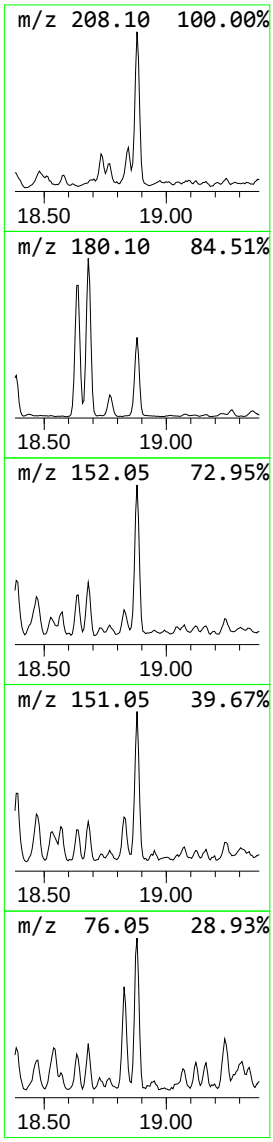
****

Peak Number 44 Benzo[c]cinnoline Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	18.66 ng/ul	1952720	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

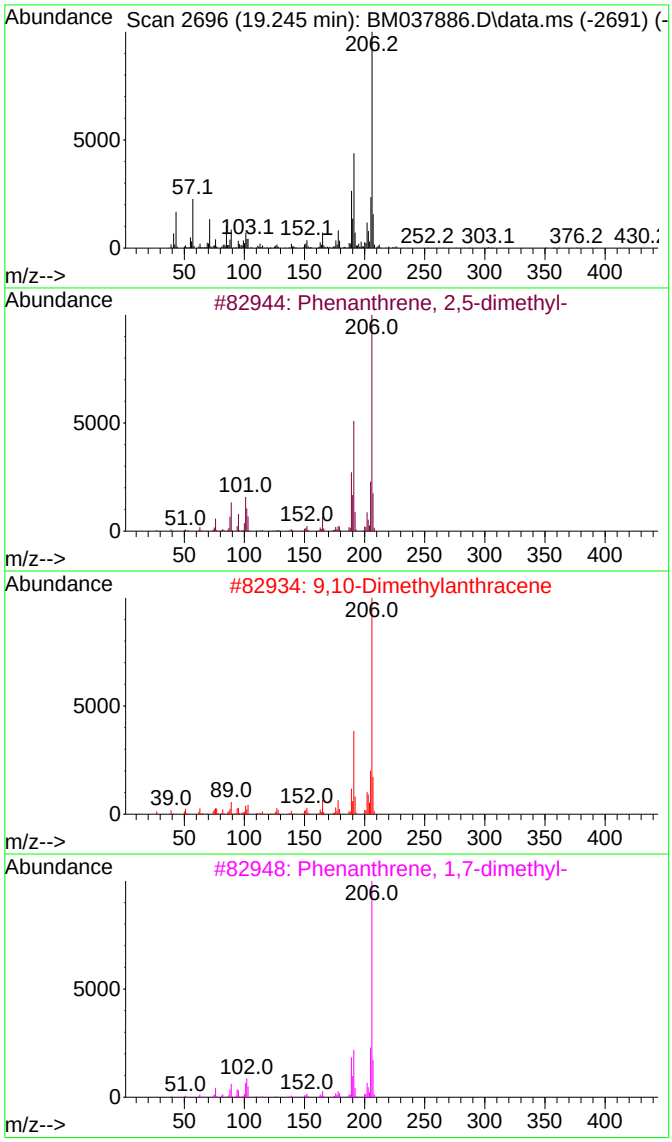
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

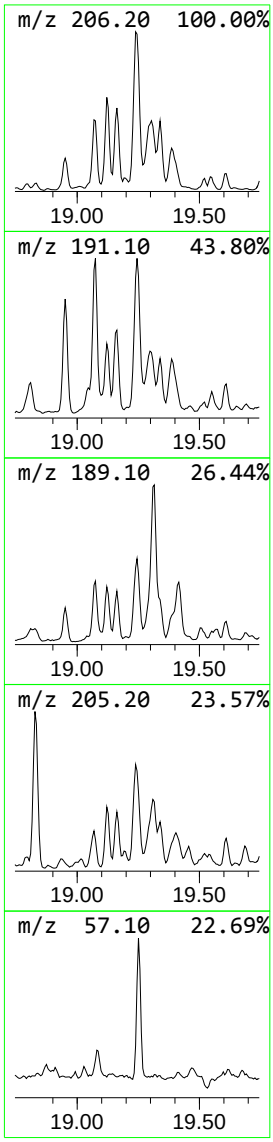
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	33.90 ng/ul	3546980	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

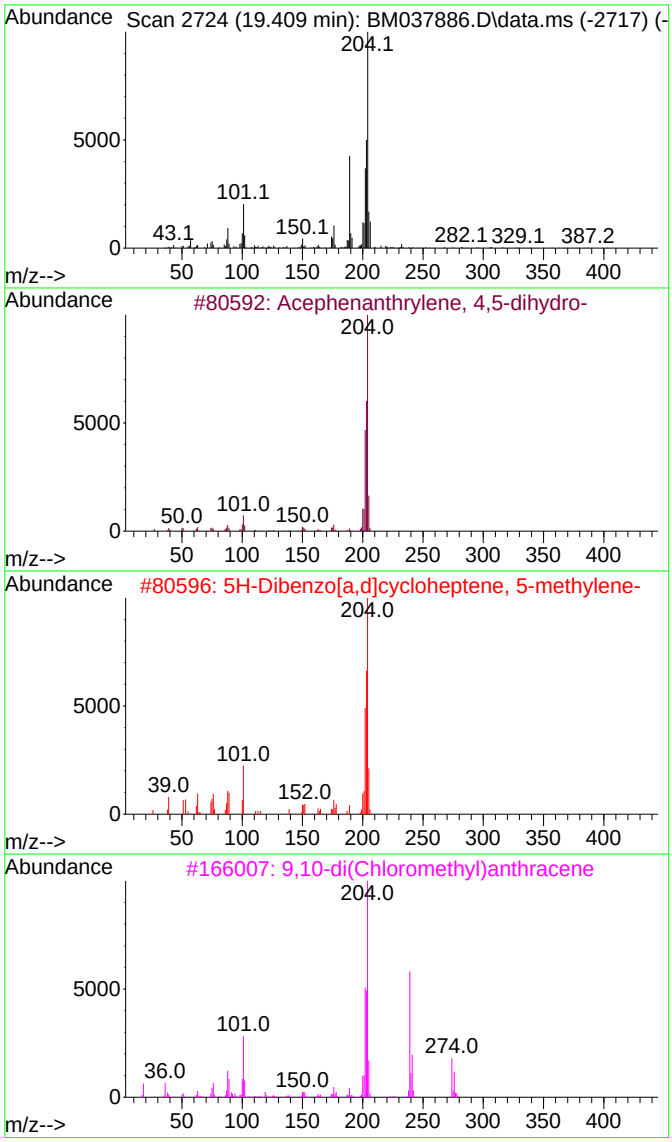
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

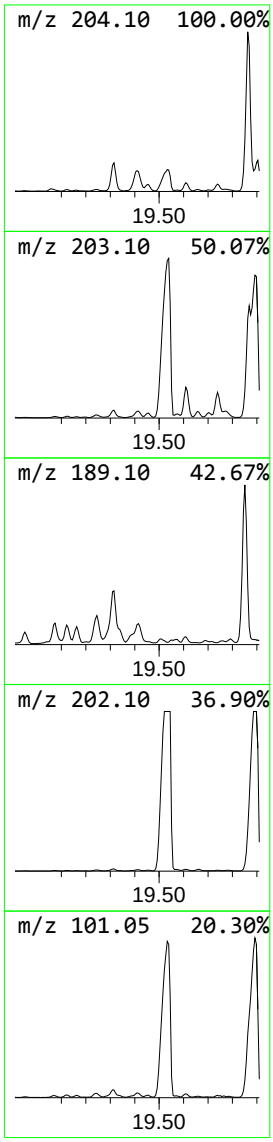
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Acephenanthrylene, 4,5-dihy... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	14.64 ng/ul	1531960	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	83
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	64
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Pyrimidin-2(1H)-thione, 3,4-dihy...	204	C11H12N2S	030570-19-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

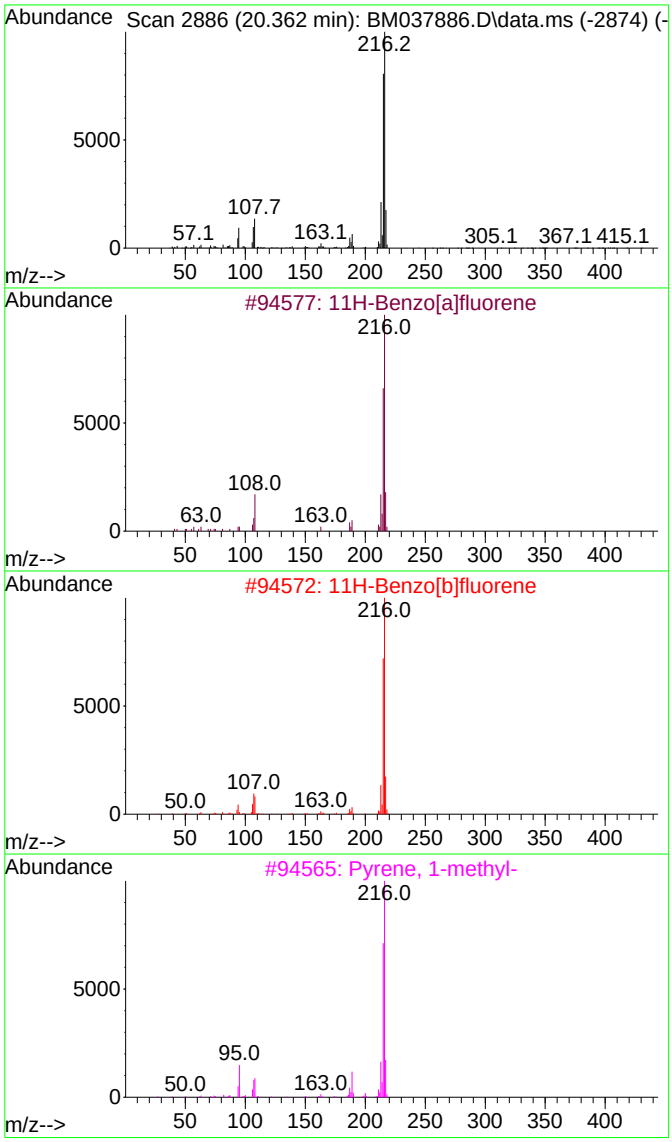
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

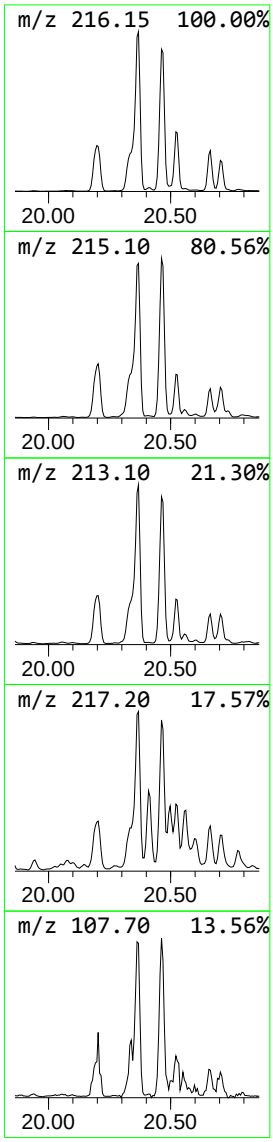
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 11H-Benzo[a]fluorene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.362	14.04 ng/ul	13737000	Chrysene-d12	21.639

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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

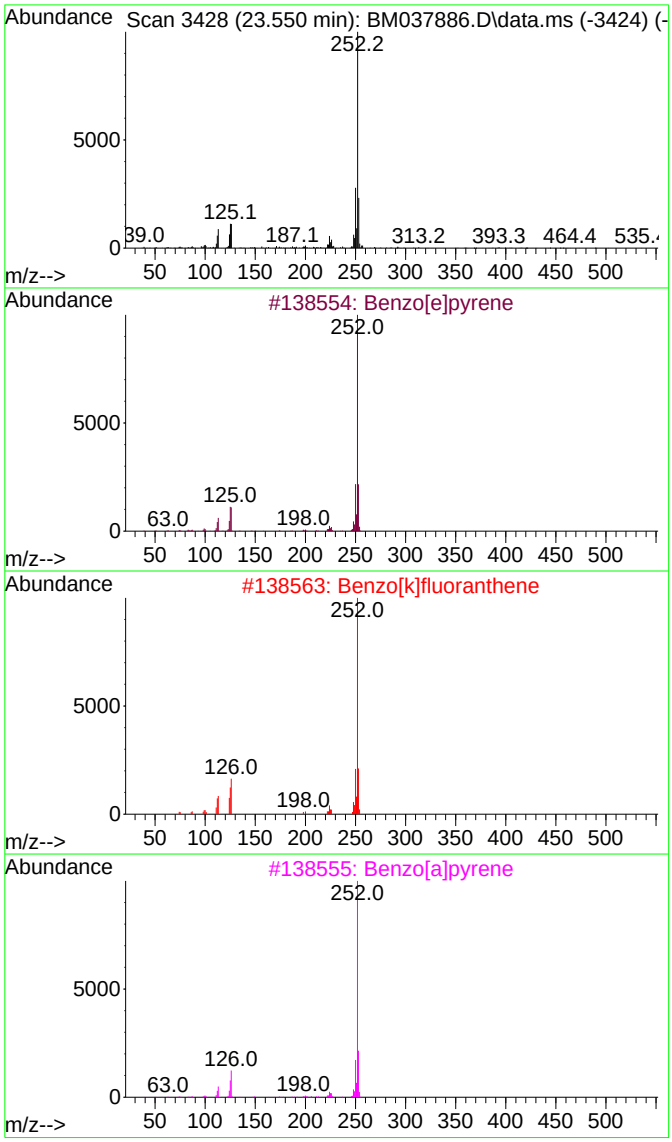
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

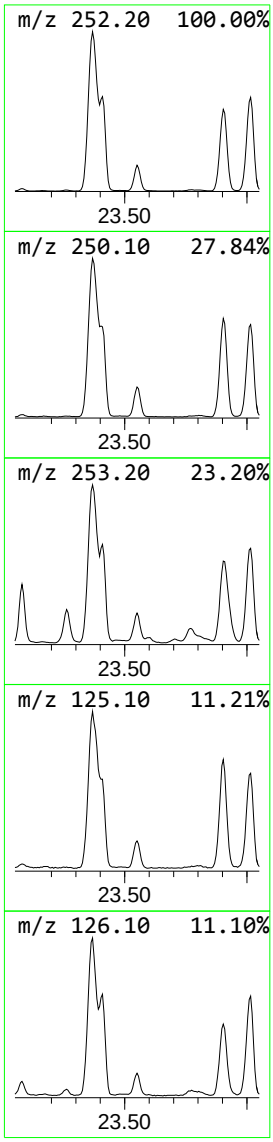
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Benzo[e]pyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.550	22.13 ng/ul	1645310	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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

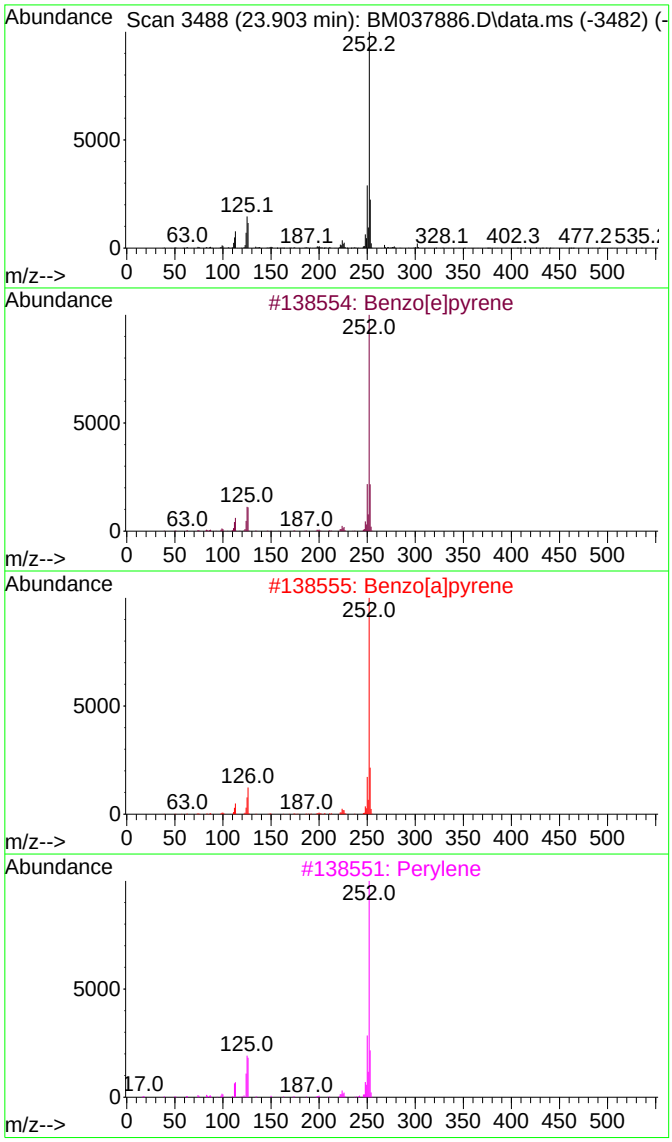
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

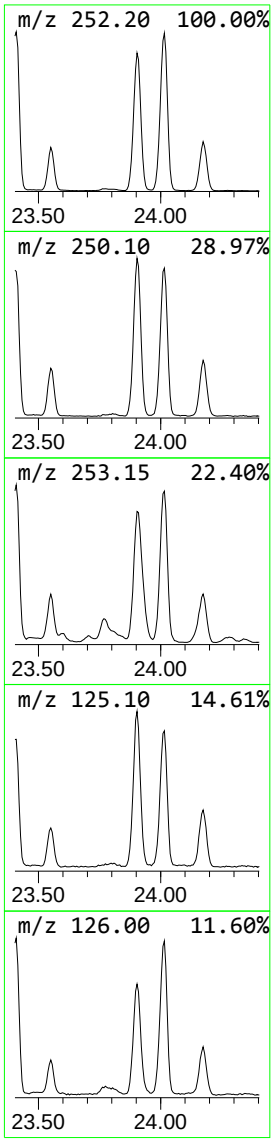
****

Peak Number 68 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.903	83.58 ng/ul	6213980	Perylene-d12	24.121

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	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

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
Biphenyl	13.557	20.7	ng/ul	3259140	3	14.722	3148150	20.0
Naphthalene, 2,...	13.898	17.1	ng/ul	2697600	3	14.722	3148150	20.0
Naphthalene, 2,...	14.039	27.5	ng/ul	4326160	3	14.722	3148150	20.0
Naphthalene, 1,...	14.275	25.2	ng/ul	3973710	3	14.722	3148150	20.0
(DEL) Alkane: S...	14.598	6.3	ng/ul	984087	3	14.722	3148150	20.0
Dibenzo furan	15.121	146.0	ng/ul	22984000	3	14.722	3148150	20.0
1-Isopropenylna...	15.886	18.2	ng/ul	2863640	3	14.722	3148150	20.0
Fluorene, 2,4a-...	15.922	27.8	ng/ul	4372670	3	14.722	3148150	20.0
Diphenylmethane	16.010	23.7	ng/ul	3731110	3	14.722	3148150	20.0
9H-Fluoren-3-ol	16.051	32.1	ng/ul	5046960	3	14.722	3148150	20.0
Dibenzofuran, 4...	16.204	74.2	ng/ul	7762580	4	17.468	2092860	20.0
2,4,2',4'-Tetra...	16.404	29.3	ng/ul	3061770	4	17.468	2092860	20.0
9H-Fluorene, 2-...	16.763	60.5	ng/ul	6329190	4	17.468	2092860	20.0
9H-Fluorene, 3-...	16.810	19.0	ng/ul	1986260	4	17.468	2092860	20.0
4-(4-Methylphen...	17.198	46.3	ng/ul	4843040	4	17.468	2092860	20.0
Dibenzothiophene	17.280	95.9	ng/ul	10030700	4	17.468	2092860	20.0
Naphtho[2,3-b]t...	17.751	29.3	ng/ul	3069490	4	17.468	2092860	20.0
5H-Indeno[1,2-b...	17.892	377.6	ng/ul	39509100	4	17.468	2092860	20.0
(DEL) Alkane: S...	17.933	15.5	ng/ul	1622010	4	17.468	2092860	20.0
Naphthalene, 1-...	17.980	22.1	ng/ul	2308330	4	17.468	2092860	20.0
Anthracene, 2-m...	18.339	59.3	ng/ul	6207240	4	17.468	2092860	20.0
Phenanthrene, 1...	18.386	89.8	ng/ul	9398170	4	17.468	2092860	20.0
Phenanthrene, 2...	18.474	79.2	ng/ul	8292150	4	17.468	2092860	20.0
4H-Cyclopenta[d...	18.545	216.4	ng/ul	22648600	4	17.468	2092860	20.0
3-Methylcarbazole	18.633	23.5	ng/ul	2463730	4	17.468	2092860	20.0
Naphthalene, 2-...	18.827	38.7	ng/ul	4051500	4	17.468	2092860	20.0
Benzo[c]cinnoline	18.880	18.7	ng/ul	1952720	4	17.468	2092860	20.0
Phenanthrene, 2...	19.245	33.9	ng/ul	3546980	4	17.468	2092860	20.0
Acephenanthryle...	19.410	14.6	ng/ul	1531960	4	17.468	2092860	20.0
11H-Benzo[a]flu...	20.362	14.0	ng/ul	13737000	5	21.639	19570100	20.0
Benzo[e]pyrene	23.550	22.1	ng/ul	1645310	6	24.121	1487000	20.0
Perylene	23.903	83.6	ng/ul	6213980	6	24.121	1487000	20.0