LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW4A2

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-BM051022.M
Title : SVOA CALIBRATION

Signal : TIC: BM034990.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	8	11	23	rVB	219751	330044	3.33%	0.253%
2	3.781	115	118	131	rBV2	359047	567529	5.73%	0.435%
3	3.887	131	136	144	rVV	339467	440658	4.45%	0.338%
4	7.081	672	679	688	rBV	898917	1385526	13.99%	1.061%
5	7.251	701	708	715	rBV	714226	1089191	10.99%	0.834%
6	7.451	734	742	751	rBV	954346	1482346	14.96%	1.135%
7	7.922	814	822	829	rBV	721588	1115742	11.26%	0.855%
8	8.622	934	941	951	rBV	697502	1142078	11.53%	0.875%
9	9.075	1009	1018	1026	rBV	860869	1443157	14.57%	1.105%
10	9.798	1132	1141	1148	rBV	709858	1206290	12.18%	0.924%
11	10.339	1226	1233	1243	rBV	1050397	1699125	17.15%	1.301%
12	10.722	1288	1298	1303	rBV	953963	1631668	16.47%	1.250%
13	10.775	1303	1307	1314	rVB	313797	498577	5.03%	0.382%
14	10.851	1314	1320	1336	rBV	527843	1026214	10.36%	0.786%
15	12.380	1573	1580	1587	rVB	220623	352793	3.56%	0.270%
16	12.598	1606	1617	1627	rVB	149095	243154	2.45%	0.186%
17	13.392	1746	1752	1759	rVB2	108358	162564	1.64%	0.125%
18	13.716	1800	1807	1809	rBV	80205	126492	1.28%	0.097%
19	13.880	1828	1835	1839	rBV	116136	195802	1.98%	0.150%
20	13.963	1839	1849	1861	rVV	1852603	2600226	26.25%	1.992%
21	14.245	1889	1897	1909	rBV	2015088	3216025	32.46%	2.463%
22	14.551	1940	1949	1955	rVV	1297136	1953315	19.72%	1.496%
23	14.616	1955	1960	1968	rVV	251078	400082	4.04%	0.306%
24	14.739	1975	1981	1995	rVV	500301	850756	8.59%	0.652%
25	14.951	2011	2017	2024	rVV	670258	1020953	10.31%	0.782%
26	15.545	2109	2118	2123	rVV	2588807	3696691	37.31%	2.832%
27	15.598	2123	2127	2132	rVV2	1329541	1855510	18.73%	1.421%
28	15.657	2132	2137	2145	rVV	534927	803286	8.11%	0.615%
29	15.757	2151	2154	2161	rVV5	56091	146295	1.48%	0.112%
30	15.892	2172	2177	2187	rVB	189358	307001	3.10%	0.235%
31	16.039	2193	2202	2210	rVB	203971	433981	4.38%	0.332%
32	16.274	2236	2242	2245	rBV3	75812	119432	1.21%	0.091%
33	16.598	2290	2297	2302	rBV2	150891	277108	2.80%	0.212%
34	16.833	2329	2337	2340	rBV3	81393	142221	1.44%	0.109%
35	16.945	2352	2356	2364	rVB3	62333	120331	1.21%	0.092%
36	17.027	2365	2370	2374	rVV	71351	129198	1.30%	0.099%

LSC Area Percent Report

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Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

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-BM051022.M
Title : SVOA CALIBRATION

37	17.110	2379	2384	2394	rVB	394795	620816	6.27%	0.476%
38	17.292	2406	2415	2418	rBV	1306769	1884328	19.02%	1.443%
39	17.339	2418	2423	2427	rVV	6186903	8805028	88.88%	6.744%
40	17.392	2427	2432	2435	rVV2	2486926	3543488	35.77%	2.714%
41	17.427	2435	2438	2443	rVV	1412384	1876835	18.94%	1.438%
42	17.480	2443	2447	2453	rVB2	89613	162085	1.64%	0.124%
43	17.692	2475	2483	2487	rBV	323775	498289	5.03%	0.382%
44	17.810	2499	2503	2510	rBV4	109223	165897	1.67%	0.127%
45	17.874	2510	2514	2522	rVV4	56547	92376	0.93%	0.071%
46	18.168	2559	2564	2566	rVV	428725	583776	5.89%	0.447%
47	18.198	2566	2569	2570	rVV	380505	510200	5.15%	0.391%
48	18.215	2570	2572	2580	rVV	630182	816517	8.24%	0.625%
49	18.298	2582	2586	2591	rVV	189896	272803	2.75%	0.209%
50	18.368	2591	2598	2602	rVV2	966558	1609746	16.25%	1.233%
51	18.398	2602	2603	2610	rVB	236045	234749	2.37%	0.180%
52	18.504	2617	2621	2627	rVB2	64085	121923	1.23%	0.093%
53	18.668	2644	2649	2653	rBV	366982	472767	4.77%	0.362%
54	18.704	2653	2655	2662	rVB	77671	91513	0.92%	0.070%
55	18.962	2696	2699	2703	rVV	89657	122365	1.24%	0.094%
56	19.004	2703	2706	2710	rVB	75205	91911	0.93%	0.070%
57	19.086	2715	2720	2725	rBV2	151483	265559	2.68%	0.203%
58	19.151	2725	2731	2734	rBV4	92209	189178	1.91%	0.145%
59	19.221	2739	2743	2746	rBV2	112312	172670	1.74%	0.132%
60	19.351	2757	2765	2772	rBV	7586927	9906959	100.00%	7.589%
61	19.545	2793	2798	2801	rBV4	188139	298433	3.01%	0.229%
62	19.592	2802	2806	2809	rVB	170485	230070	2.32%	0.176%
63	19.680	2815	2821	2823	rBV2	3502677	4764175	48.09%	3.649%
64	19.709	2823	2826	2834	rVV	5650445	7670422	77.42%	5.875%
65	19.780	2834	2838	2844	rVB2	197967	303865	3.07%	0.233%
66	19.886	2852	2856	2862	rBV	306826	419647	4.24%	0.321%
67	19.945	2862	2866	2874	rVB	234762	357408	3.61%	0.274%
68	20.027	2875	2880	2882	rBV	246921	407086	4.11%	0.312%
69	20.080	2887	2889	2894	rVB	132550	162738	1.64%	0.125%
70	20.168	2900	2904	2906	rBV3	168115	254195	2.57%	0.195%
71	20.203	2906	2910	2914	rVB	990447	1247408	12.59%	0.955%
72	20.303	2922	2927	2931	rBV	1089955	1365284	13.78%	1.046%
73	20.362	2932	2937	2942	rVB2	398123	629228	6.35%	0.482%
74	20.439	2948	2950	2957	rBV3	62976	112480	1.14%	0.086%
75	20.503	2957	2961	2964	rBV	191691	252996	2.55%	0.194%
76	20.545	2965	2968	2973	rVB2	204208	293302	2.96%	0.225%

LSC Area Percent Report

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Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

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

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Title : SVOA CALIBRATION

77	20.909	3027	3030	3033	rBV3	120572	185456	1.87%	0.142%
78	20.950	3034	3037	3043	rVB2	147724	262231	2.65%	0.201%
79	21.115	3062	3065	3069	rVB	456511	522658	5.28%	0.400%
80	21.156	3069	3072	3075	rVV	336204	332378	3.35%	0.255%
81	21.192	3075	3078	3083	rVB2	628270	893505	9.02%	0.684%
82	21.456	3118	3123	3128	rBV3	4187293	6915580	69.81%	5.297%
83	21.509	3128	3132	3141	rVB	3043413	4171340	42.11%	3.195%
84	21.633	3149	3153	3158	rBV2	442942	643115	6.49%	0.493%
85	21.739	3168	3171	3175	rVB	304412	396088	4.00%	0.303%
86	21.792	3176	3180	3188	rVV2	427438	692190	6.99%	0.530%
87	22.045	3217	3223	3227	rVB	384331	690621	6.97%	0.529%
88	22.097	3229	3232	3238	rVB	298322	431693	4.36%	0.331%
89	22.203	3248	3250	3254	rVB2	211378	247855	2.50%	0.190%
90	22.256	3255	3259	3261	rVV2	250227	376115	3.80%	0.288%
91	22.286	3262	3264	3271	rVB2	363010	509038	5.14%	0.390%
92	23.133	3402	3408	3414	rBV	2410800	6009578	60.66%	4.603%
93	23.315	3435	3439	3446	rVB	497417	858669	8.67%	0.658%
94	23.650	3490	3496	3500	rBV	1261932	2444016	24.67%	1.872%
95	23.703	3500	3505	3509	rVV2	1872181	3613365	36.47%	2.768%
96	23.756	3509	3514	3523	rVB	2344542	4570316	46.13%	3.501%
97	23.856	3525	3531	3536	rVV2	935390	1967372	19.86%	1.507%
98	23.909	3536	3540	3550	rVB	672915	1416169	14.29%	1.085%
99	26.327	3942	3951	3964	rVB3	1247375	3937335	39.74%	3.016%
100	27.085	4073	4080	4096	rVB	727113	2373280	23.96%	1.818%

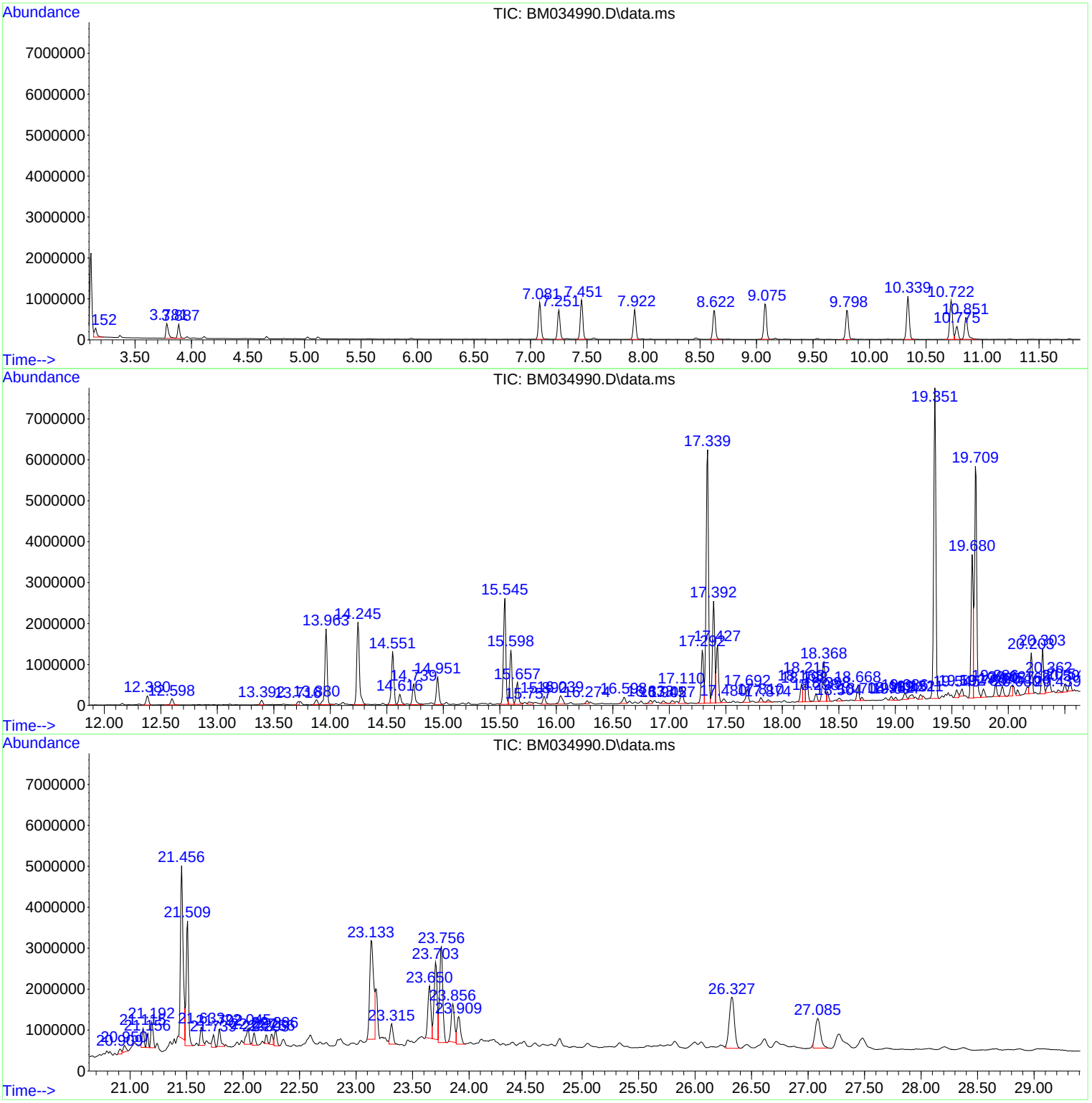
Sum of corrected areas: 130551839

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

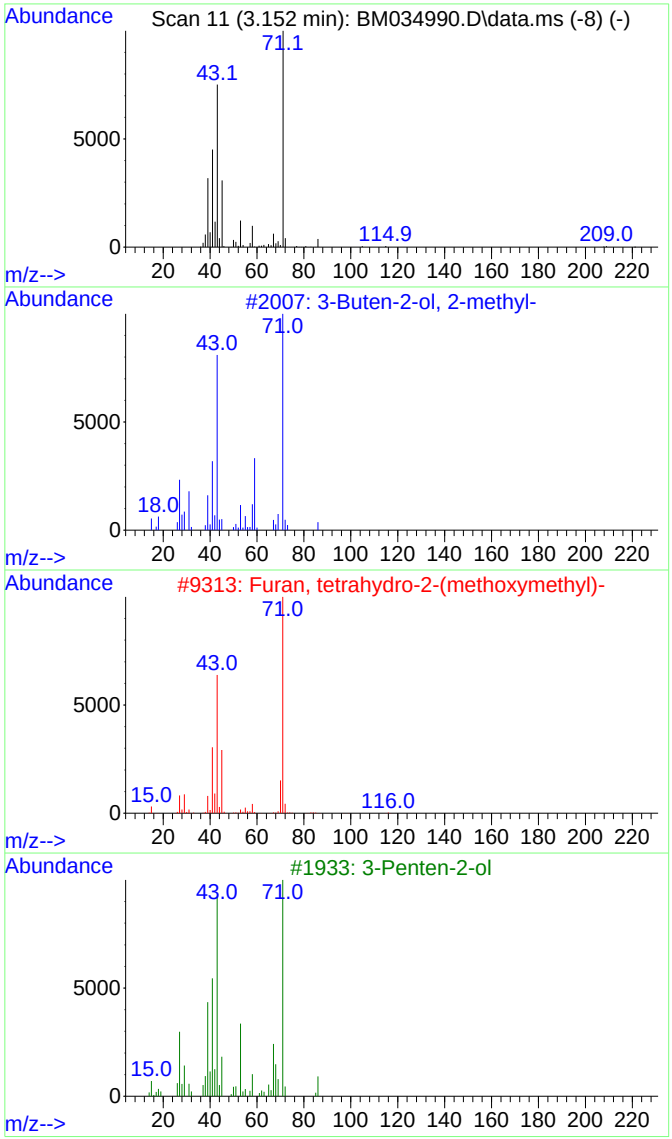
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

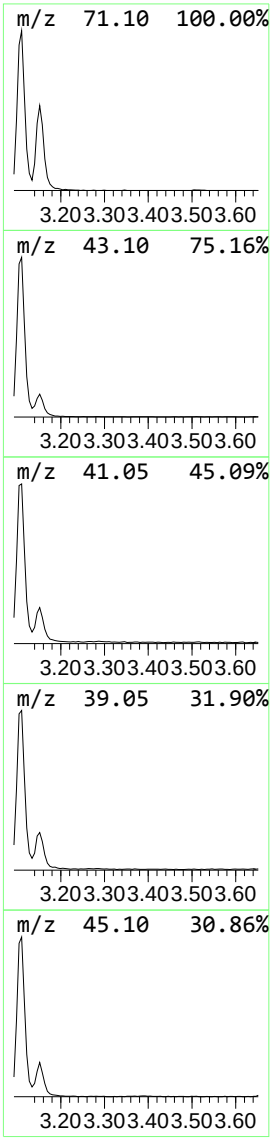
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Buten-2-ol, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	5.92 ng/ul	330044	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
2	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
3	3-Penten-2-ol	86	C5H10O	001569-50-2	64
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

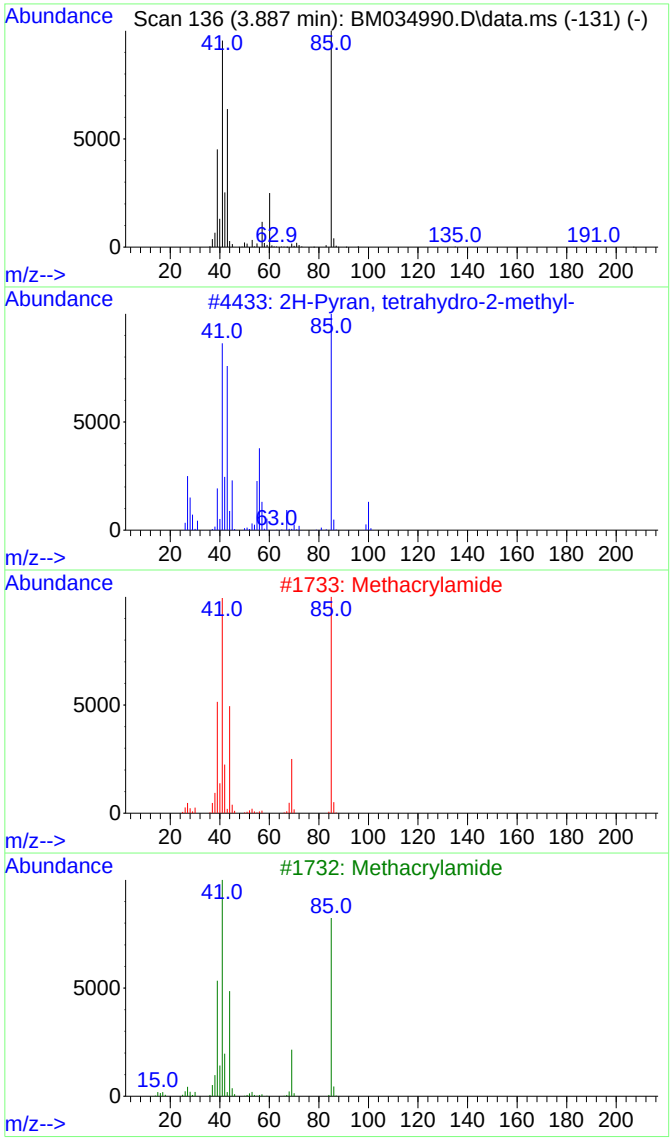
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

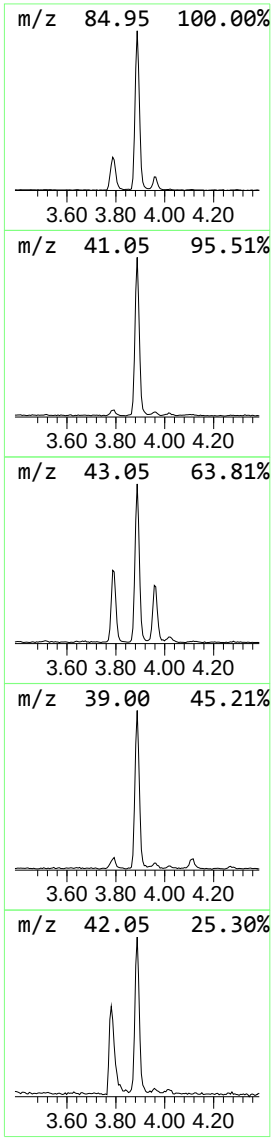
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.887	7.90 ng/ul	440658	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	50
2	Methacrylamide	85	C4H7NO	000079-39-0	45
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	25
5	Thiazole	85	C3H3NS	000288-47-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
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Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

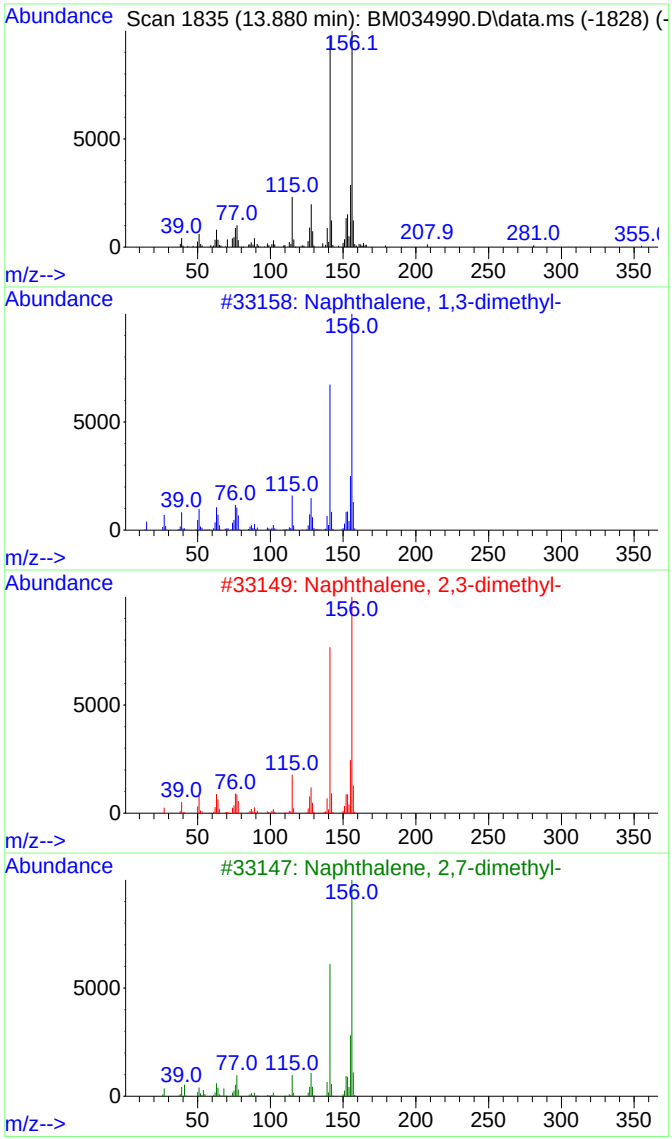
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

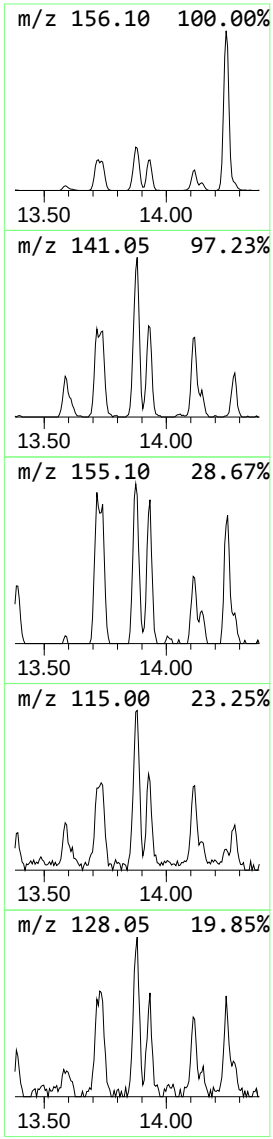
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.00 ng/ul	195802	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
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Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

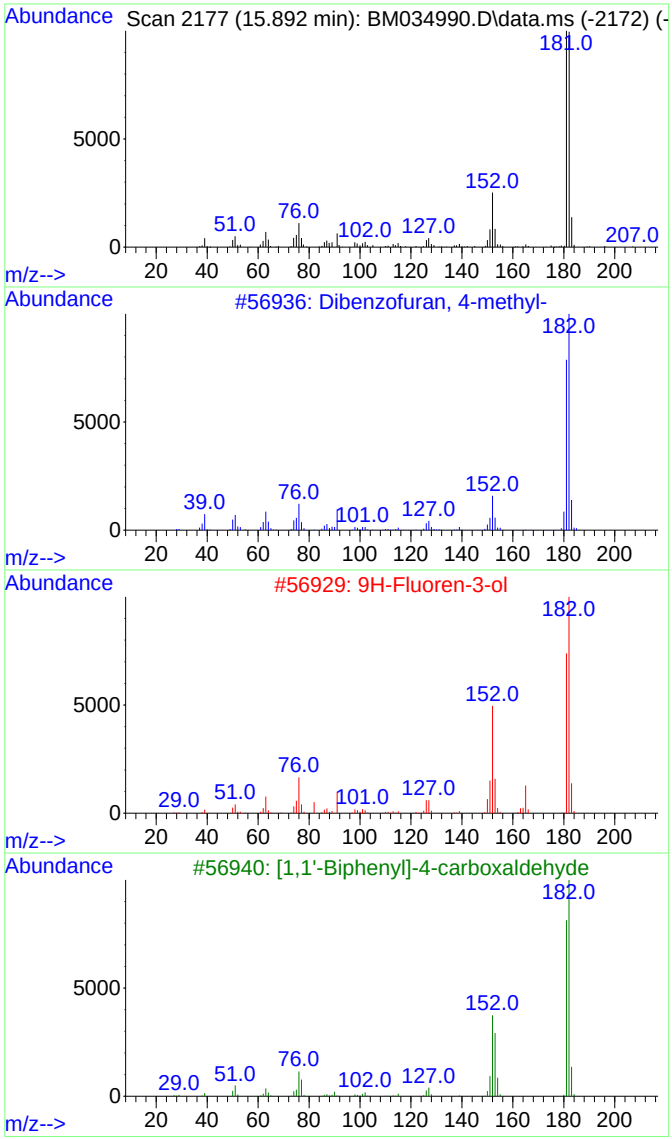
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

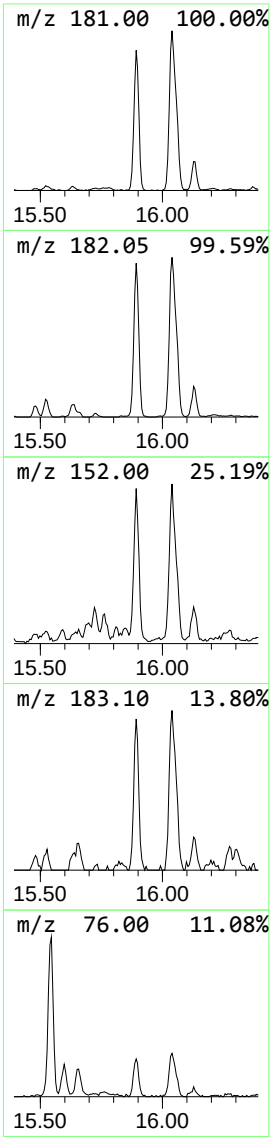
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	3.14 ng/ul	307001	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

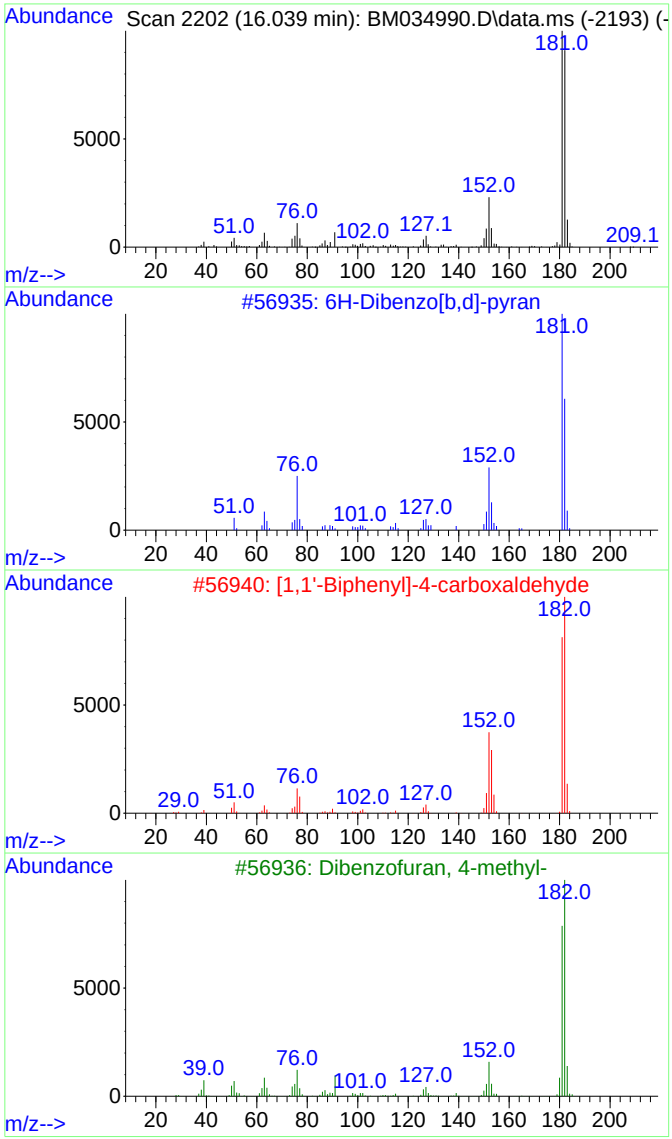
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

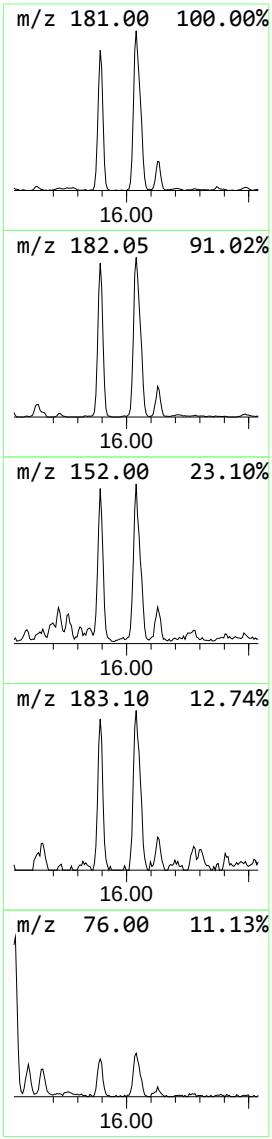
****

Peak Number 5 6H-Dibenzo[b,d]-pyran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	4.61 ng/ul	433981	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW4A2

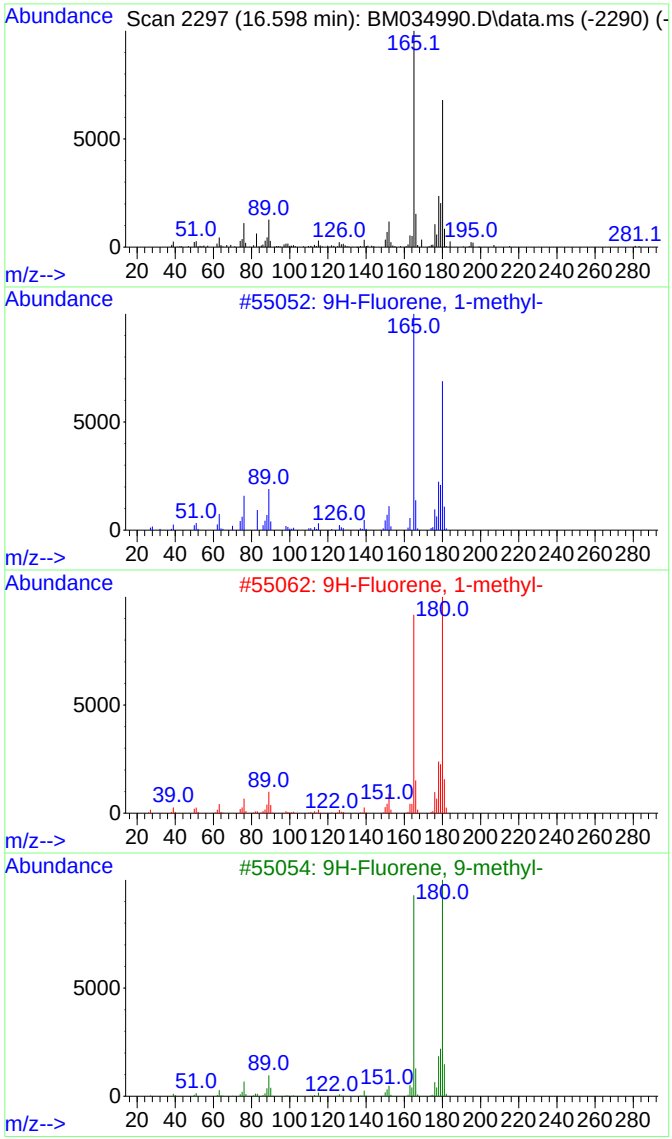
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

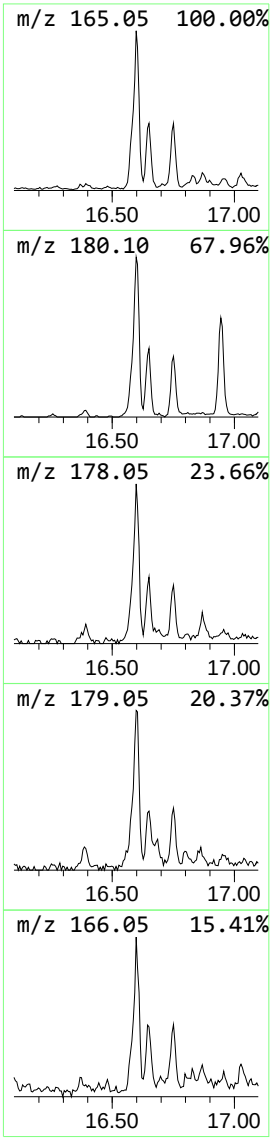
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	2.94 ng/ul	277108	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	87
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	87





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Misc :
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Instrument :
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ClientSampleId :
EW4A2

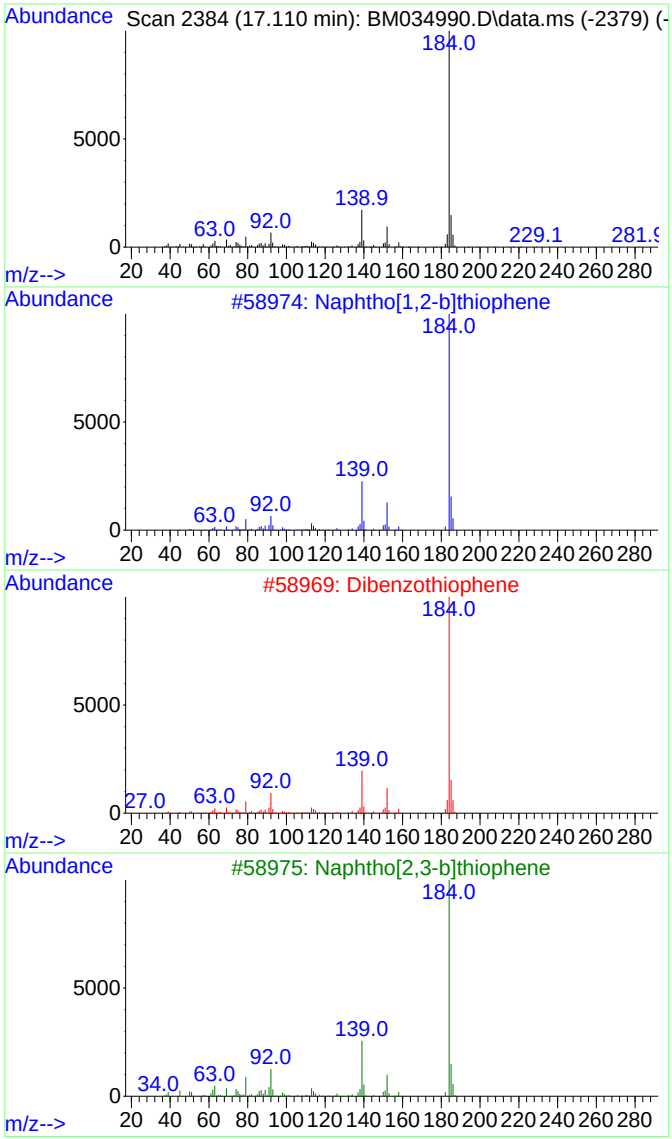
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

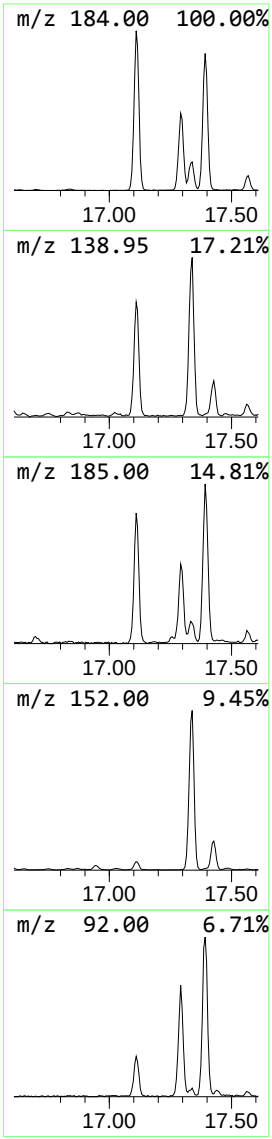
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	6.59 ng/ul	620816	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96





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ClientSampleId :
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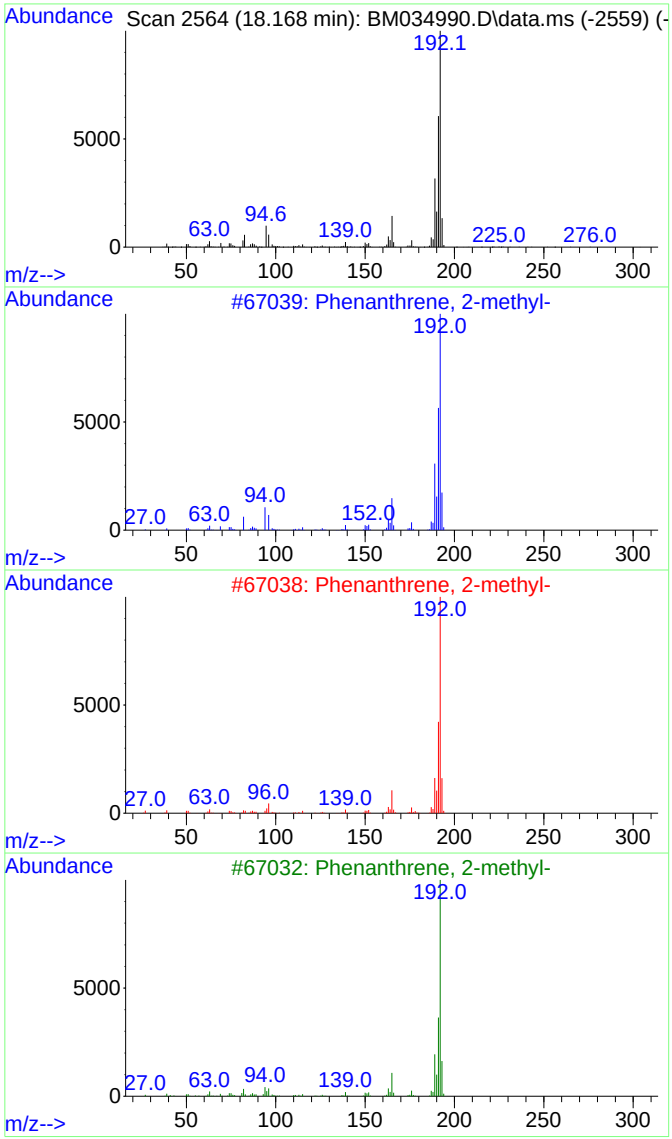
Quant Title : SVOA CALIBRATION

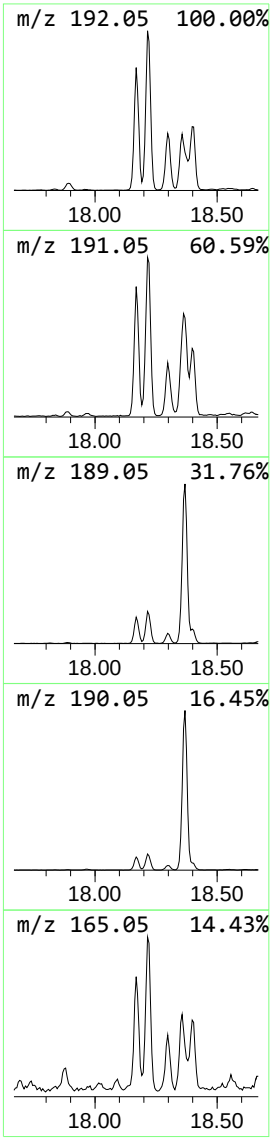
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	6.20 ng/ul	583776	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

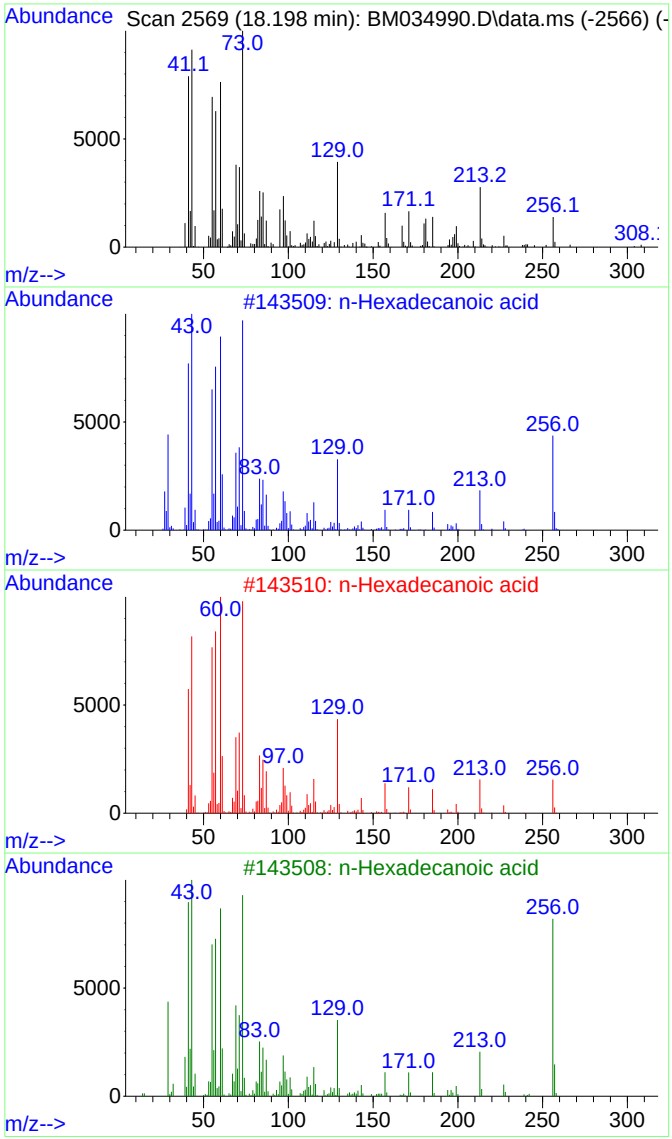
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

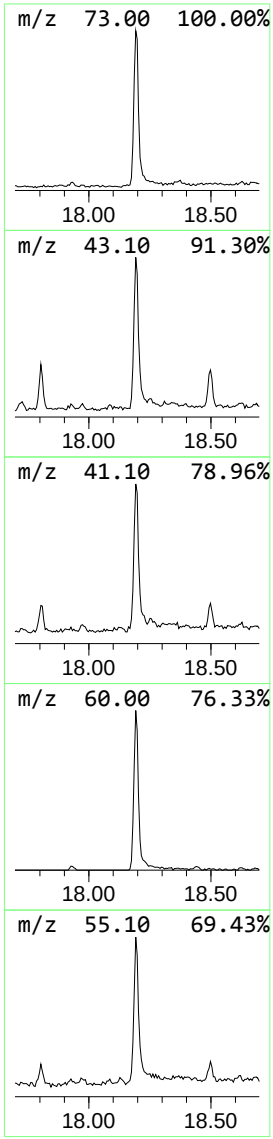
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	5.42 ng/ul	510200	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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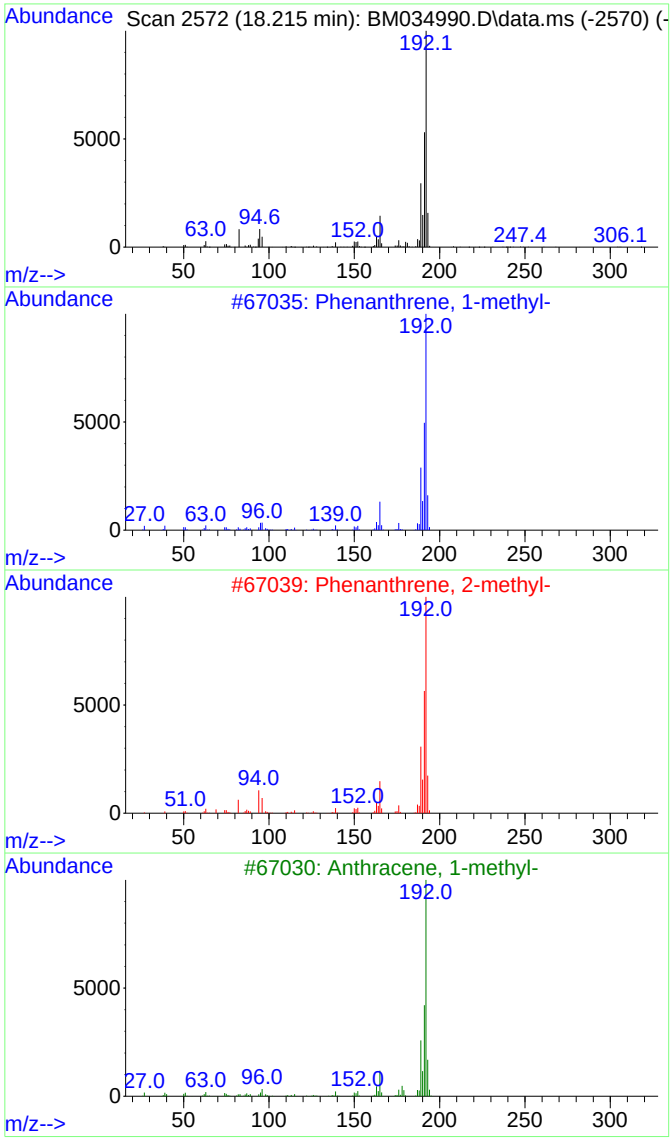
Quant Title : SVOA CALIBRATION

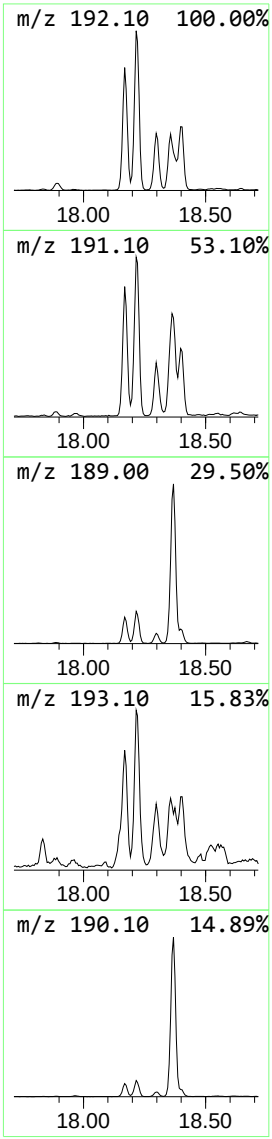
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	8.67 ng/ul	816517	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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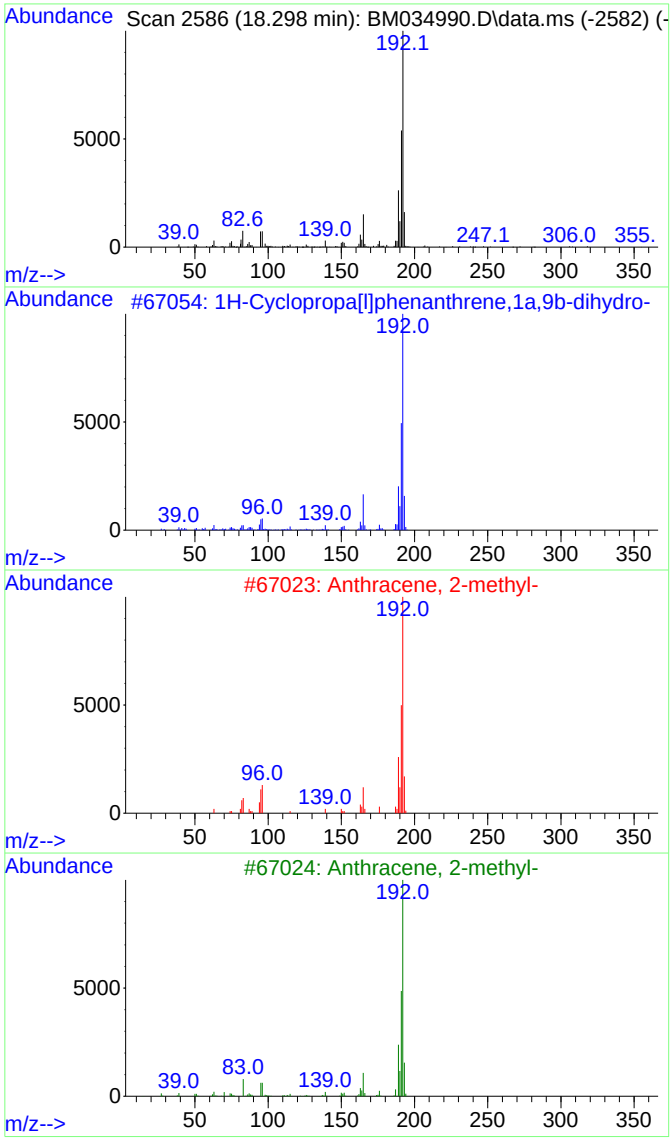
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

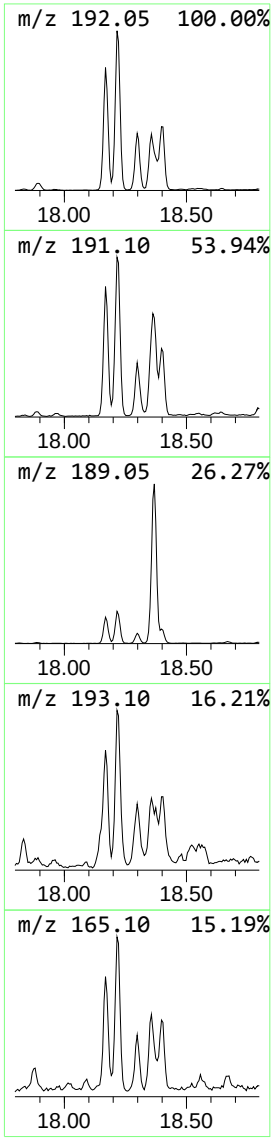
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.90 ng/ul	272803	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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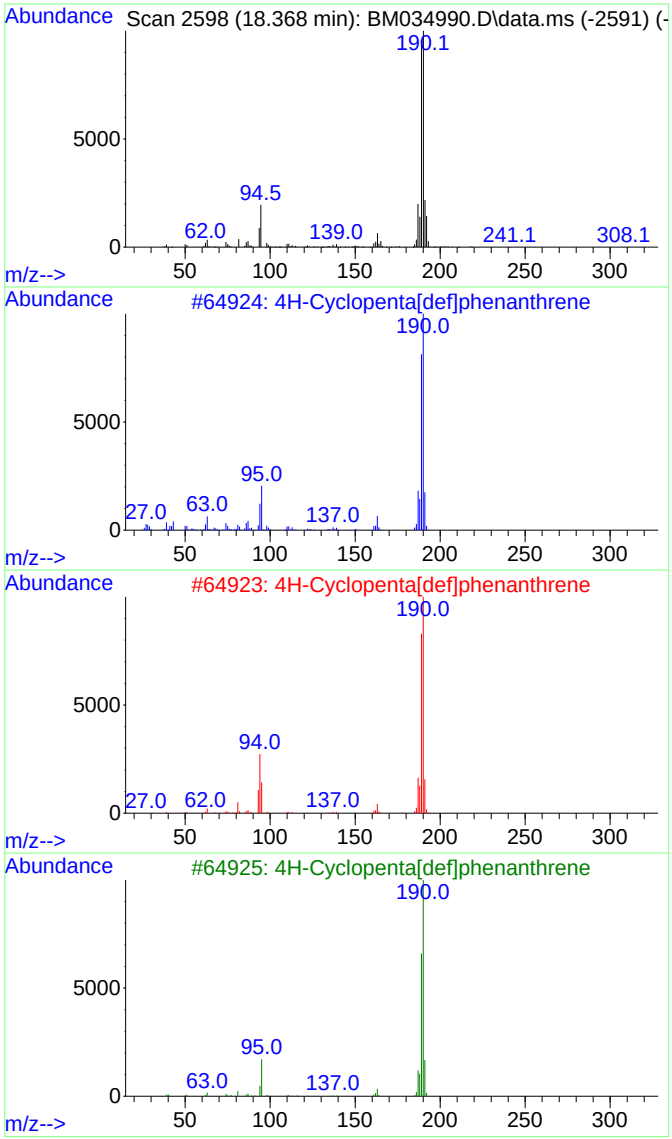
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

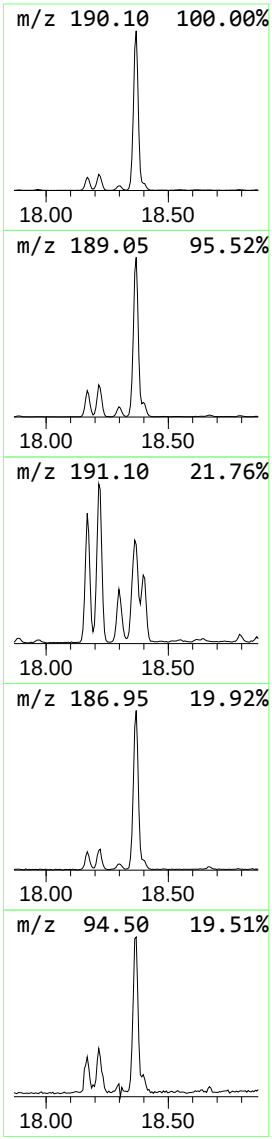
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	17.09 ng/ul	1609750	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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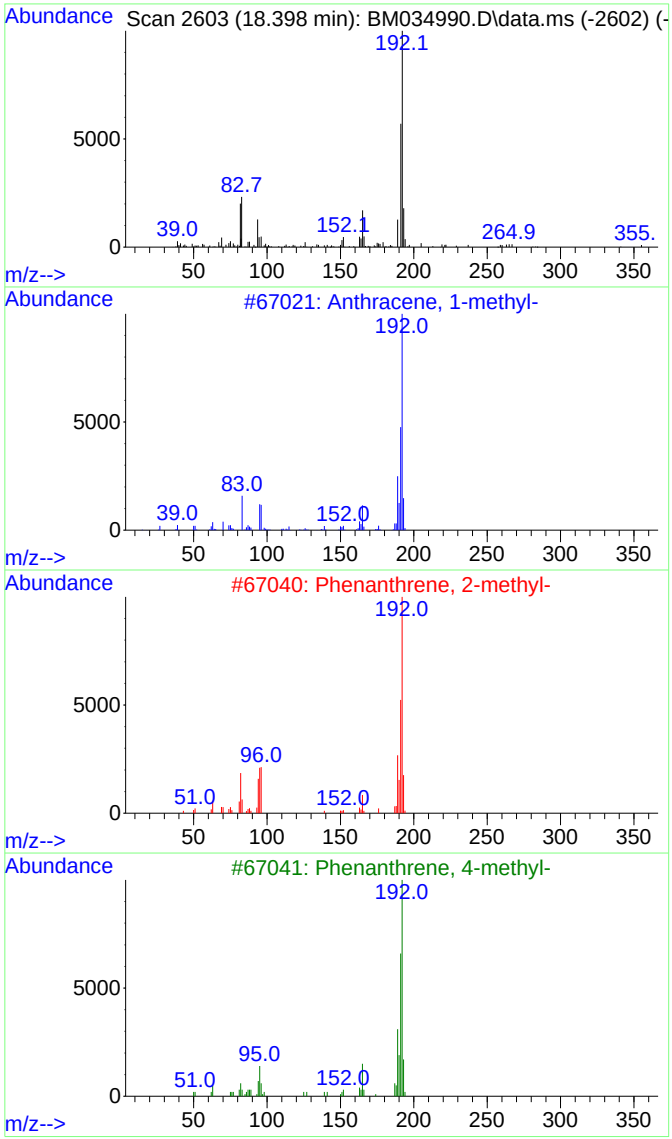
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

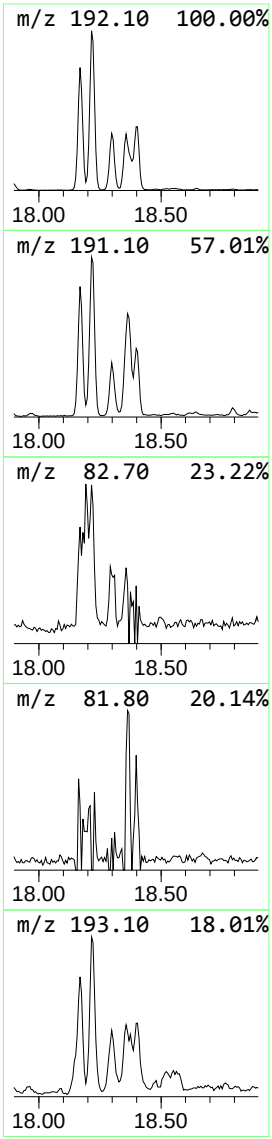
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	2.49 ng/ul	234749	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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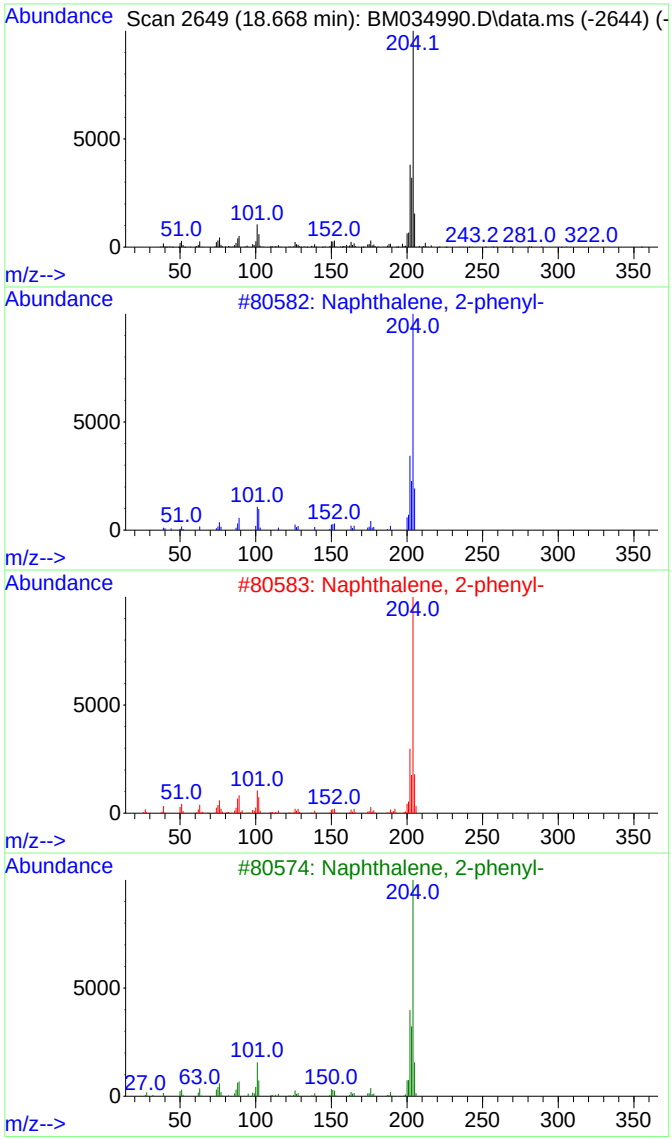
Quant Title : SVOA CALIBRATION

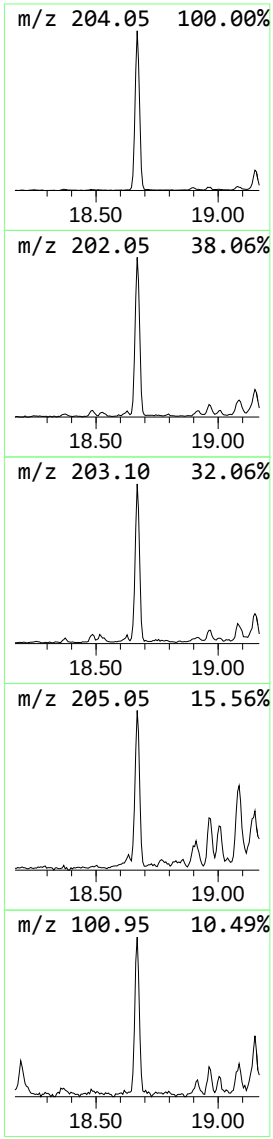
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.668	5.02 ng/ul	472767	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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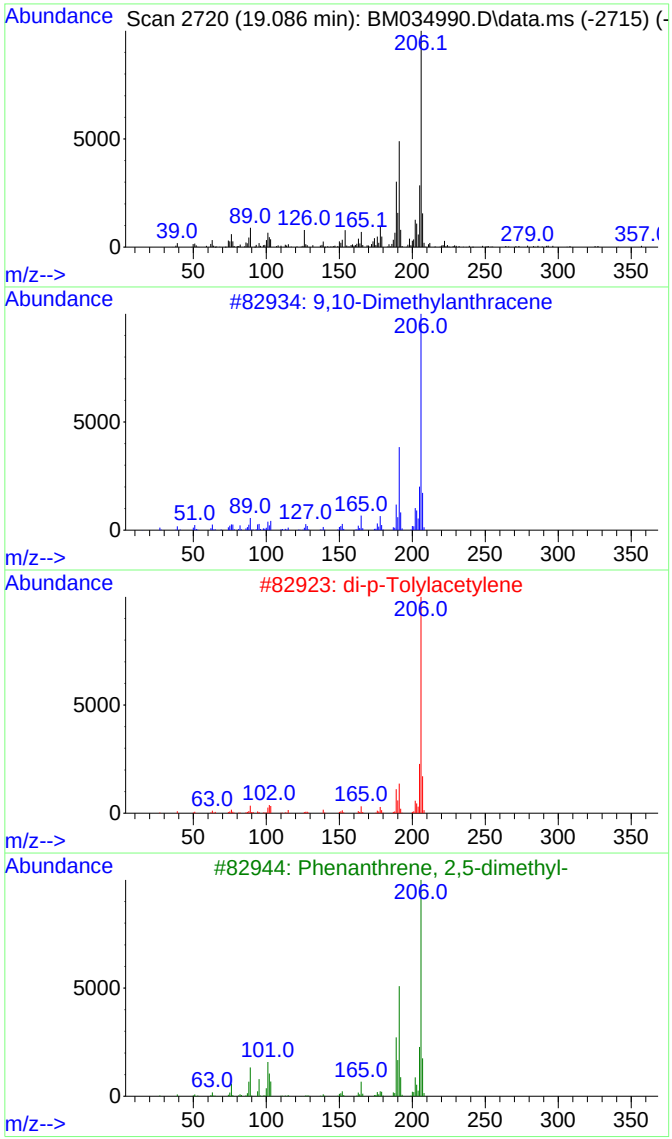
Quant Title : SVOA CALIBRATION

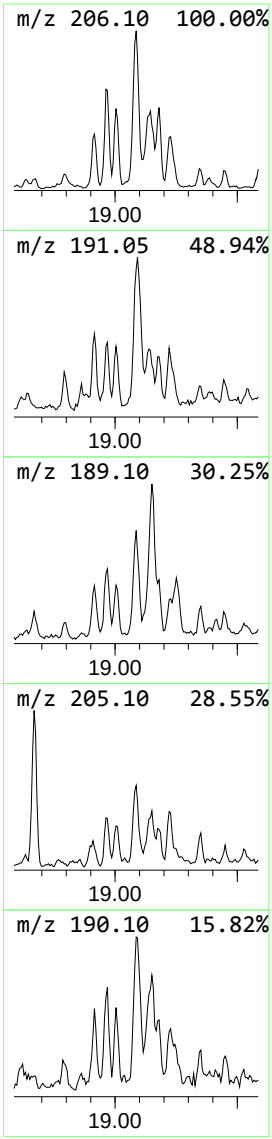
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	2.82 ng/ul	265559	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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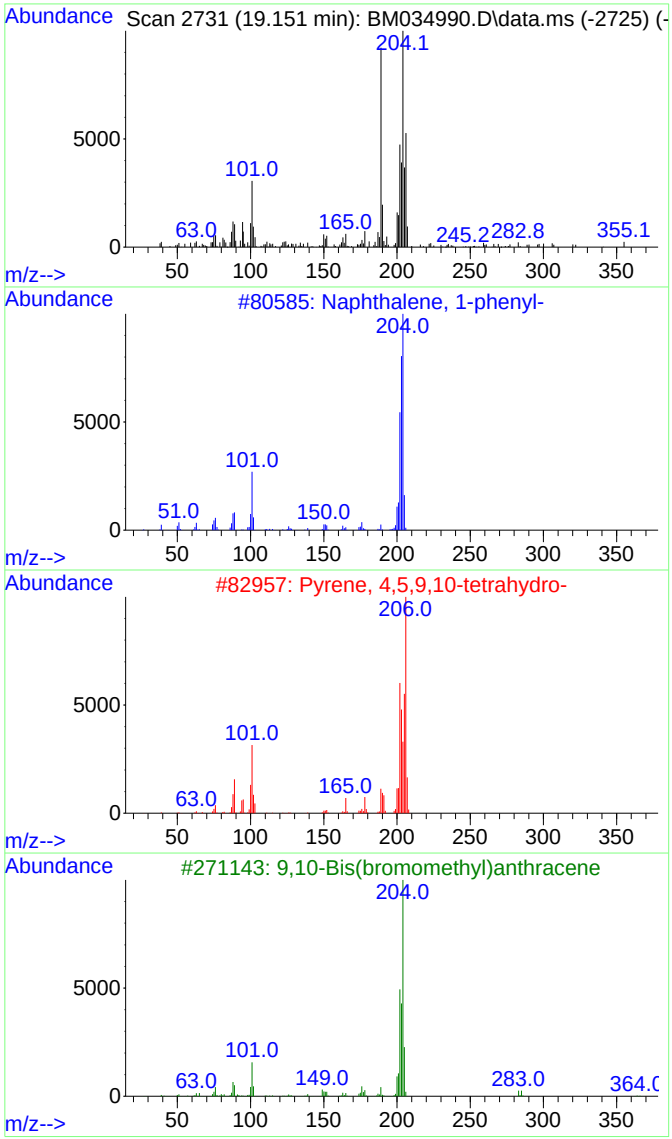
Quant Title : SVOA CALIBRATION

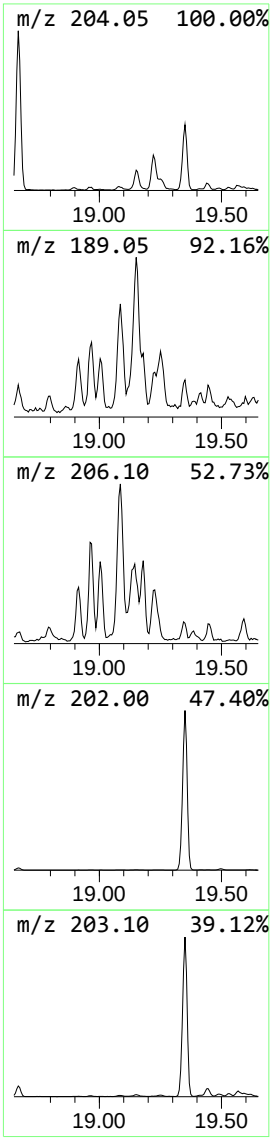
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	2.01 ng/ul	189178	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	51
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	44
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	38
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38





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Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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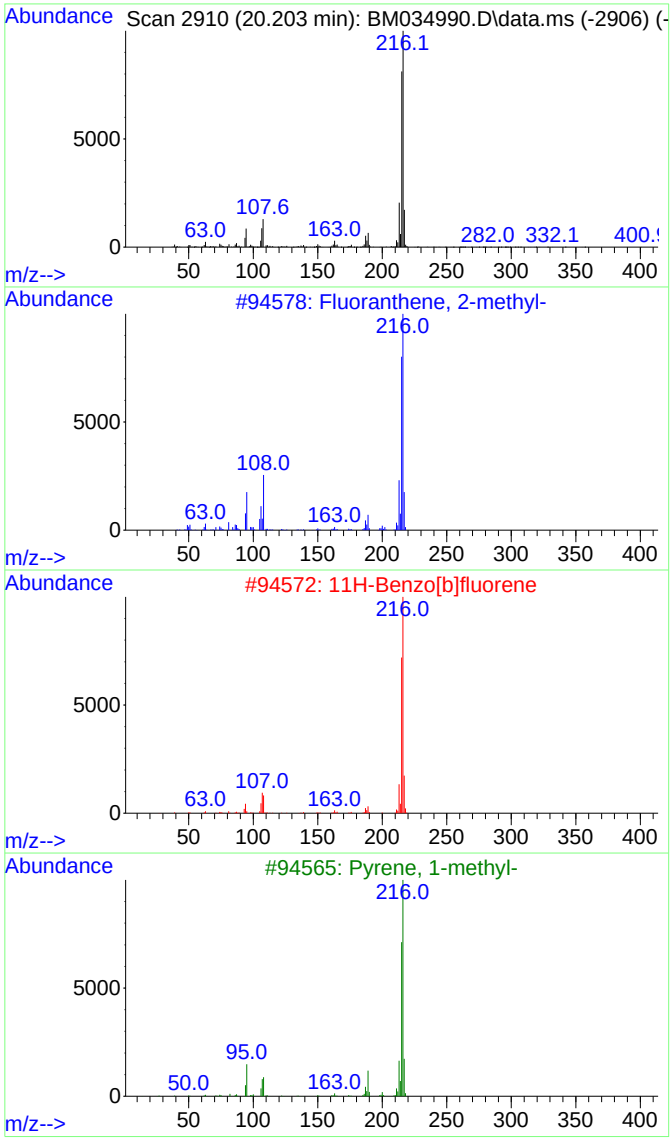
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

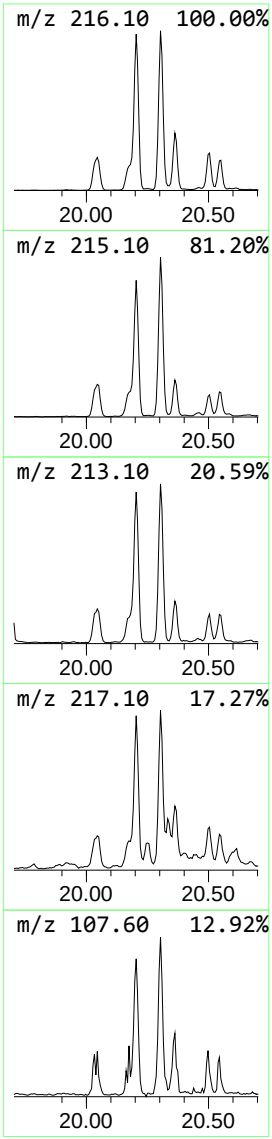
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.203	3.61 ng/ul	1247410	Chrysene-d12	21.468

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

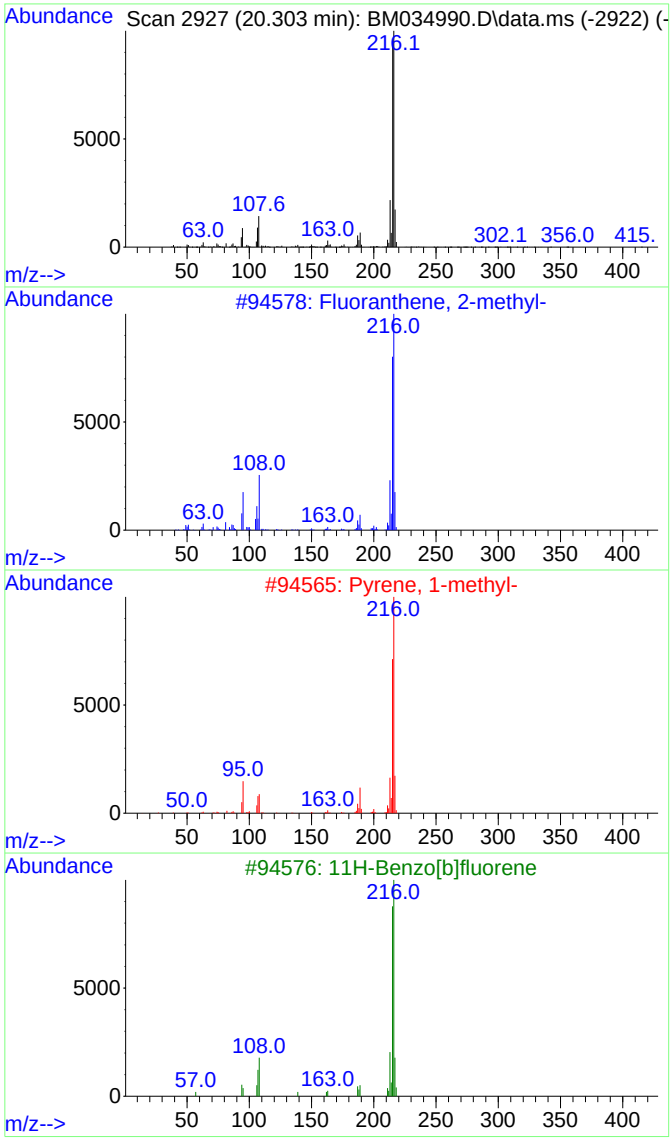
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

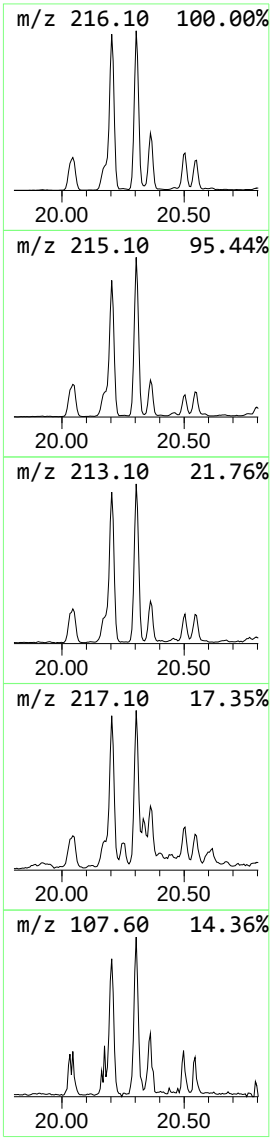
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.304	3.95 ng/ul	1365280	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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

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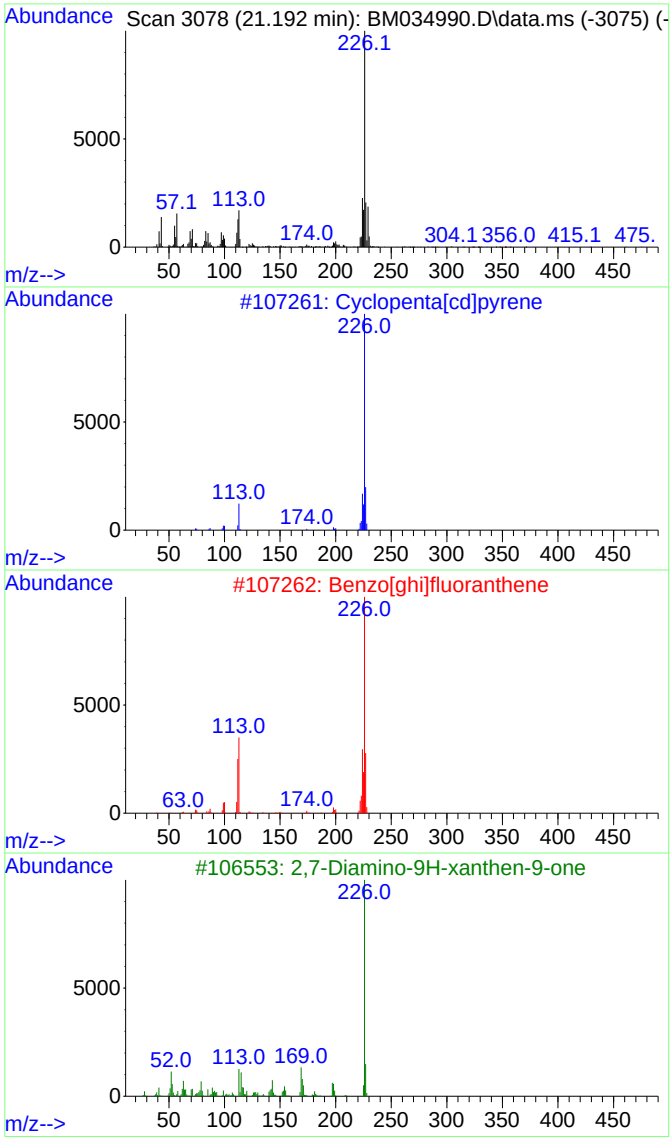
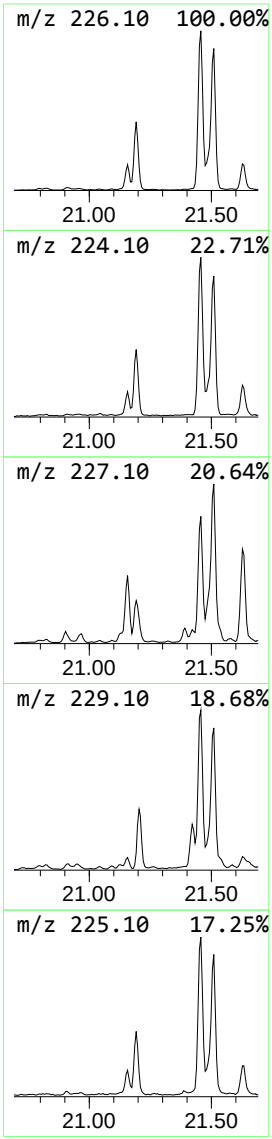
Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.58 ng/ul	893505	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	64
3	2,7-Diamino-9H-xanthen-9-one	226	C13H10N2O2	019706-54-8	50
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
5	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	43





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Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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

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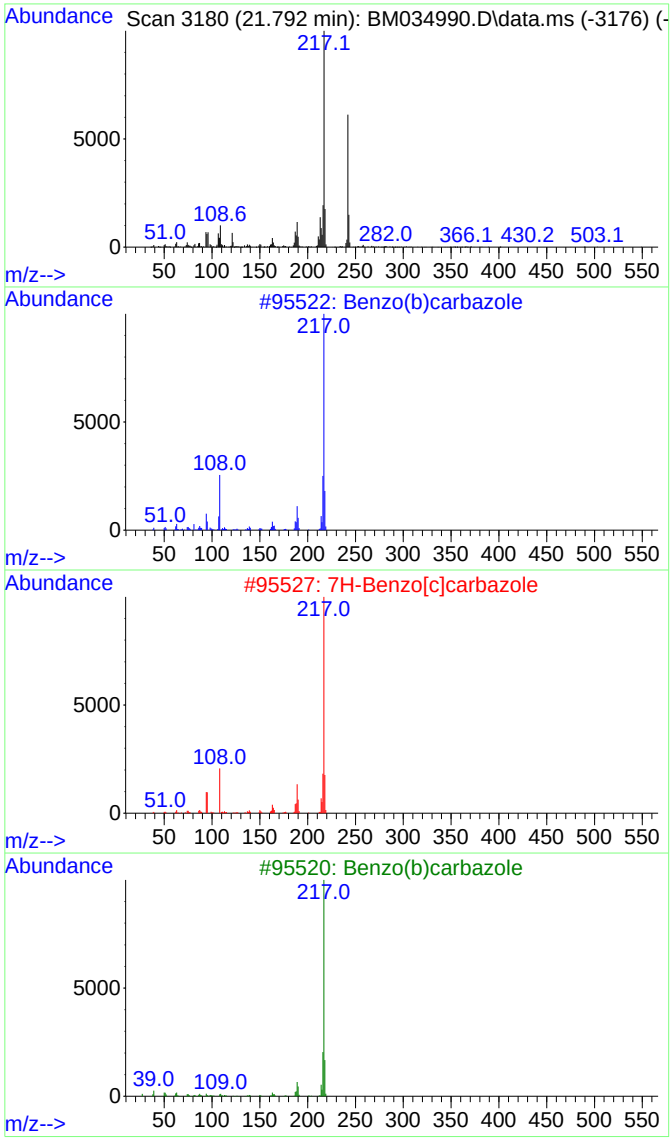
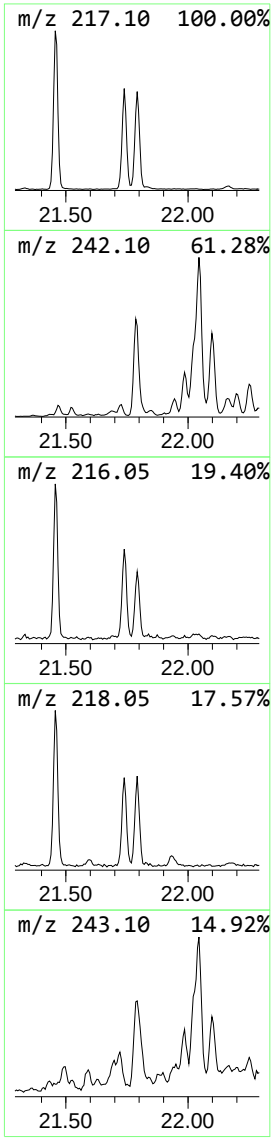
Peak Number 20 Benzo(b)carbazole Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.792	2.00 ng/ul	692190	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	83
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	83
3	Benzo(b)carbazole	217	C16H11N	000243-28-7	64
4	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60





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Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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

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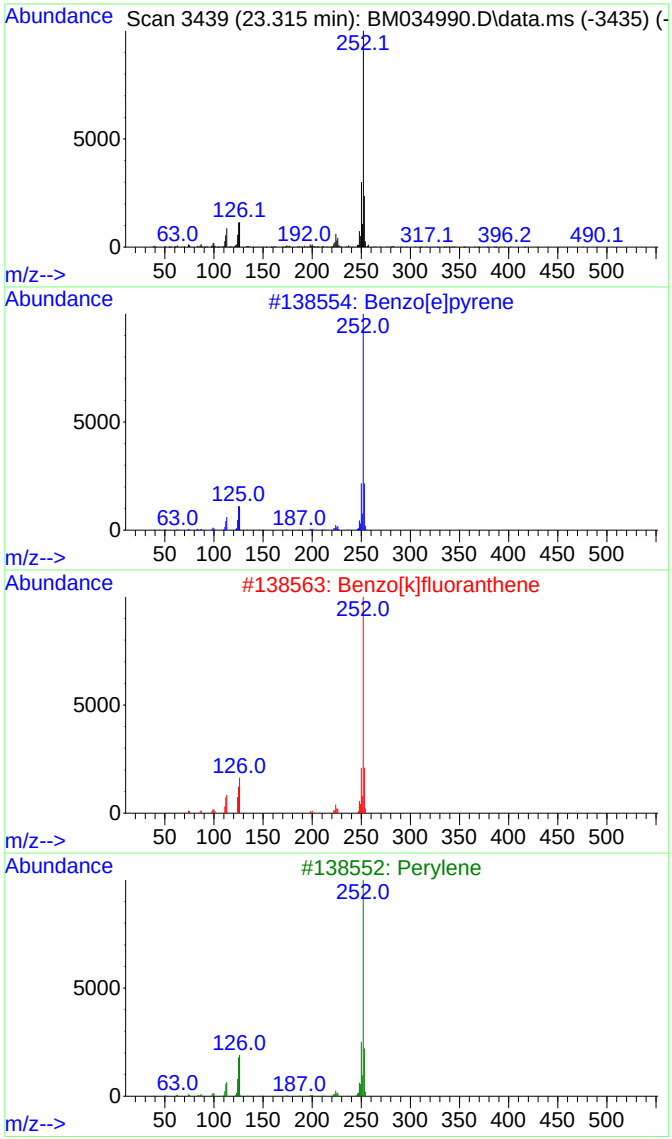
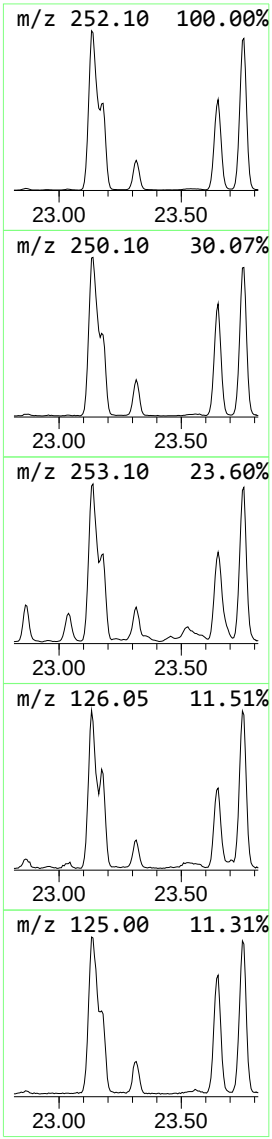
Peak Number 21 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.315	8.73 ng/ul	858669	Perylene-d12	23.856

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	97
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

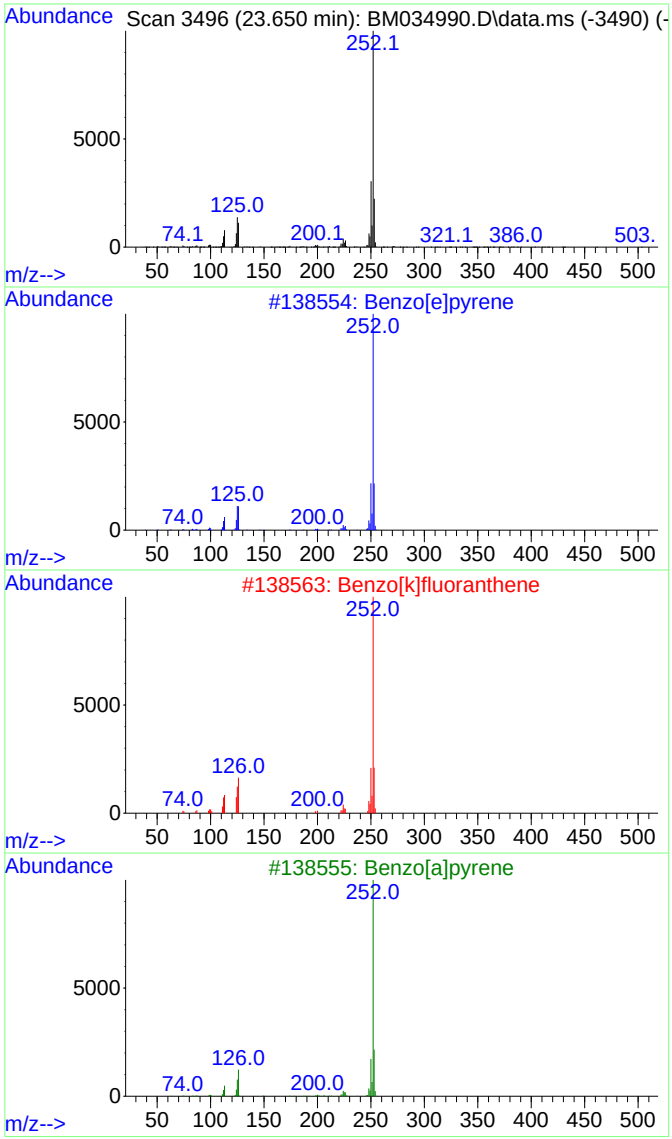
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

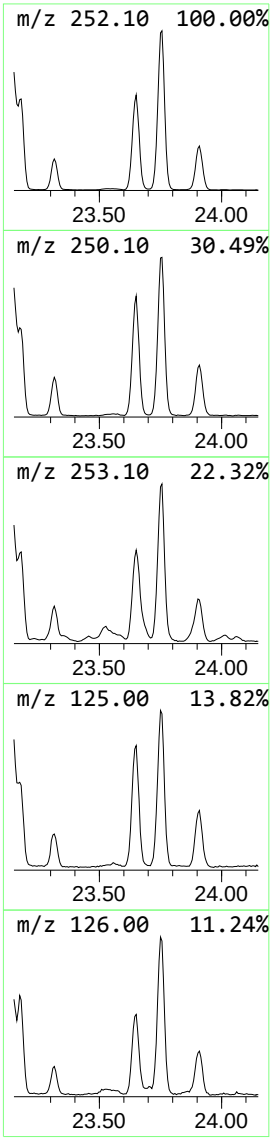
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.650	24.85 ng/ul	2444020	Perylene-d12	23.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Perylene	252	C20H12	000198-55-0	95





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Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

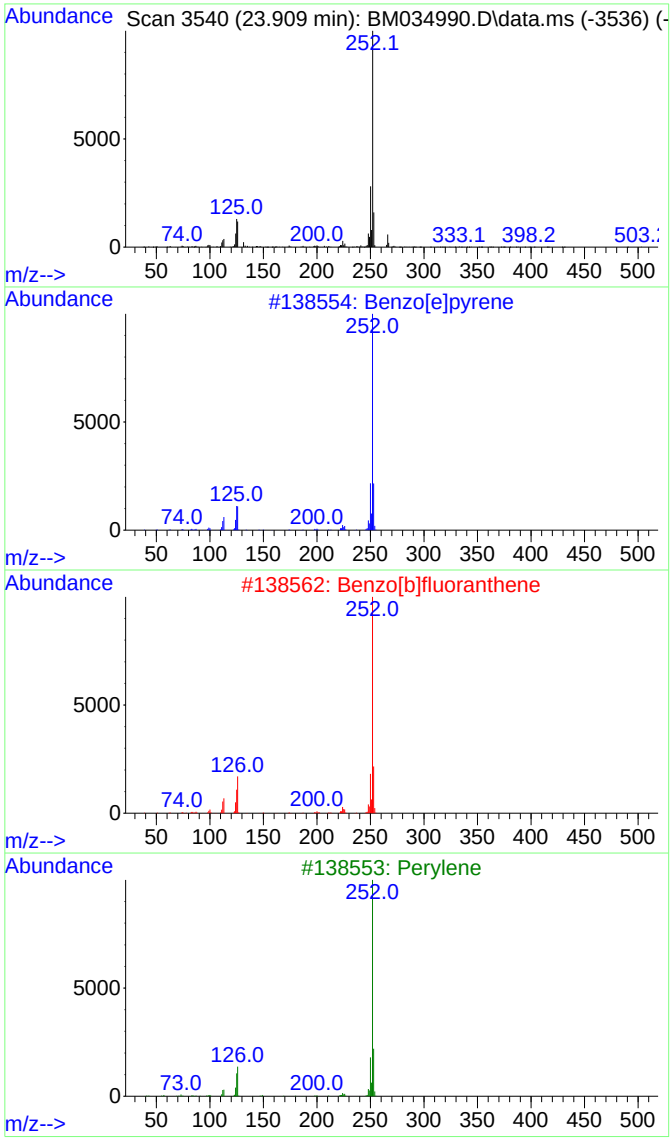
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

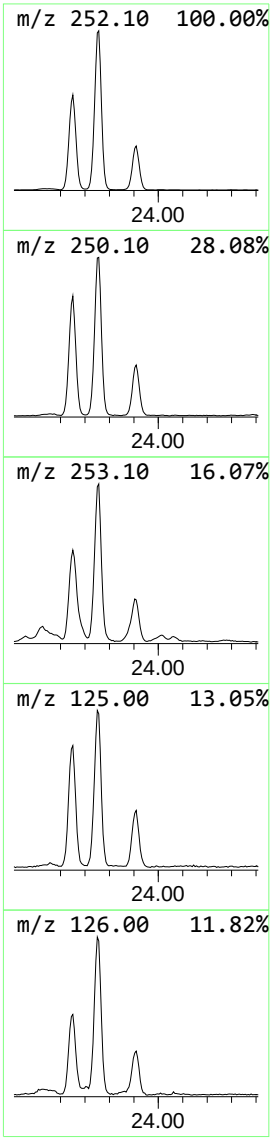
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.909	14.40 ng/ul	1416170	Perylene-d12	23.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.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
3-Buten-2-ol, 2...	3.152	5.9	ng/ul	330044	1	7.922	1115740	20.0
2H-Pyran, tetra...	3.887	7.9	ng/ul	440658	1	7.922	1115740	20.0
Naphthalene, 1,...	13.880	2.0	ng/ul	195802	3	14.551	1953320	20.0
Dibenzofuran, 4...	15.892	3.1	ng/ul	307001	3	14.551	1953320	20.0
6H-Dibenzo[b,d]...	16.039	4.6	ng/ul	433981	4	17.292	1884330	20.0
9H-Fluorene, 1-...	16.598	2.9	ng/ul	277108	4	17.292	1884330	20.0
Naphtho[1,2-b]t...	17.110	6.6	ng/ul	620816	4	17.292	1884330	20.0
Phenanthrene, 2...	18.168	6.2	ng/ul	583776	4	17.292	1884330	20.0
n-Hexadecanoic ...	18.198	5.4	ng/ul	510200	4	17.292	1884330	20.0
Phenanthrene, 1...	18.215	8.7	ng/ul	816517	4	17.292	1884330	20.0
1H-Cyclopropa[l...	18.298	2.9	ng/ul	272803	4	17.292	1884330	20.0
4H-Cyclopenta[d...	18.368	17.1	ng/ul	1609750	4	17.292	1884330	20.0
Anthracene, 1-m...	18.398	2.5	ng/ul	234749	4	17.292	1884330	20.0
Naphthalene, 2-...	18.668	5.0	ng/ul	472767	4	17.292	1884330	20.0
9,10-Dimethylan...	19.086	2.8	ng/ul	265559	4	17.292	1884330	20.0
Naphthalene, 1-...	19.151	2.0	ng/ul	189178	4	17.292	1884330	20.0
Fluoranthene, 2...	20.203	3.6	ng/ul	1247410	5	21.468	6915580	20.0
Pyrene, 1-methyl-	20.304	4.0	ng/ul	1365280	5	21.468	6915580	20.0
Cyclopenta[cd]p...	21.192	2.6	ng/ul	893505	5	21.468	6915580	20.0
Benzo(b)carbazole	21.792	2.0	ng/ul	692190	5	21.468	6915580	20.0
Benzo[e]pyrene	23.315	8.7	ng/ul	858669	6	23.856	1967370	20.0
Perylene	23.650	24.9	ng/ul	2444020	6	23.856	1967370	20.0
Benzo[j]fluoran...	23.909	14.4	ng/ul	1416170	6	23.856	1967370	20.0