LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW4A2DL

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: BM035015.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	8	10	19	rVB	80504	110702	1.48%	0.127%
2	3.781	114	118	129	rBV2	130174	221030	2.95%	0.254%
3	3.881	131	135	145	rVV	134441	183428	2.45%	0.210%
4	7.081	671	679	687	rBV	368410	606073	8.09%	0.695%
5	7.246	701	707	715	rBV	293282	464922	6.21%	0.533%
6	7.446	735	741	750	rVB	382068	617201	8.24%	0.708%
7	7.916	814	821	830	rBV	651856	1023860	13.67%	1.174%
8	8.622	934	941	952	rBV	323622	525226	7.01%	0.602%
9	9.075	1009	1018	1028	rBV	408135	666945	8.90%	0.765%
10	9.798	1134	1141	1149	rBV	328185	544610	7.27%	0.625%
11	10.339	1226	1233	1243	rBV	479896	804818	10.74%	0.923%
12	10.722	1289	1298	1303	rBV	973977	1655959	22.11%	1.899%
13	10.769	1303	1306	1312	rVV	147593	229545	3.06%	0.263%
14	10.851	1312	1320	1334	rVV	260633	514749	6.87%	0.590%
15	12.381	1572	1580	1588	rVB	110328	181787	2.43%	0.209%
16	12.598	1611	1617	1622	rVB	73804	111367	1.49%	0.128%
17	13.386	1745	1751	1757	rBV3	54077	83812	1.12%	0.096%
18	13.716	1800	1807	1816	rBV3	42233	116122	1.55%	0.133%
19	13.875	1829	1834	1839	rBV2	65204	107434	1.43%	0.123%
20	13.957	1843	1848	1860	rVV	1037670	1453814	19.41%	1.668%
21	14.239	1888	1896	1910	rBV	1125428	1828440	24.41%	2.097%
22	14.551	1939	1949	1955	rBV	1590737	2391401	31.92%	2.743%
23	14.610	1955	1959	1967	rVB	130438	215984	2.88%	0.248%
24	14.733	1975	1980	1995	rBV	304374	540480	7.21%	0.620%
25	14.945	2011	2016	2025	rVB	396273	596291	7.96%	0.684%
26	15.539	2110	2117	2122	rVV	1615008	2258857	30.15%	2.591%
27	15.592	2122	2126	2132	rVV	804881	1153554	15.40%	1.323%
28	15.657	2132	2137	2145	rVV	343908	529126	7.06%	0.607%
29	15.763	2150	2155	2161	rVV6	33256	95102	1.27%	0.109%
30	15.892	2171	2177	2186	rVB	119884	192472	2.57%	0.221%
31	16.033	2192	2201	2209	rVB	136171	291084	3.89%	0.334%
32	16.268	2237	2241	2244	rBV4	42059	60780	0.81%	0.070%
33	16.598	2287	2297	2302	rBV2	103426	215930	2.88%	0.248%
34	16.645	2302	2305	2310	rVB	39229	54173	0.72%	0.062%
35	16.745	2317	2322	2328	rVB	39980	64276	0.86%	0.074%
36	16.827	2328	2336	2340	rBV2	55049	106175	1.42%	0.122%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

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	16.945	2351	2356	2364	rVB2	48327	90911	1.21%	0.104%
38	17.021	2364	2369	2374	rBV2	46710	91097	1.22%	0.104%
39	17.110	2379	2384	2393	rVB	264438	414328	5.53%	0.475%
40	17.292	2406	2415	2418	rBV	1921577	2874511	38.37%	3.297%
41	17.333	2418	2422	2427	rVV	4488661	6170318	82.37%	7.077%
42	17.392	2427	2432	2435	rVV	1689780	2585812	34.52%	2.966%
43	17.421	2435	2437	2443	rVV	1003497	1193106	15.93%	1.368%
44	17.480	2443	2447	2453	rVB3	66380	116098	1.55%	0.133%
45	17.686	2474	2482	2487	rBV	231938	379450	5.07%	0.435%
46	17.810	2498	2503	2509	rBV3	68243	104822	1.40%	0.120%
47	17.874	2510	2514	2521	rVB4	37439	63410	0.85%	0.073%
48	18.168	2558	2564	2566	rVV	311429	467897	6.25%	0.537%
49	18.192	2566	2568	2569	rVV	271282	271042	3.62%	0.311%
50	18.215	2569	2572	2578	rVV	456364	632866	8.45%	0.726%
51	18.298	2581	2586	2591	rVV	127404	192207	2.57%	0.220%
52	18.362	2591	2597	2601	rVV2	702395	1133041	15.12%	1.300%
53	18.398	2601	2603	2609	rVB	174141	202627	2.70%	0.232%
54	18.504	2617	2621	2627	rVB4	40335	82446	1.10%	0.095%
55	18.668	2644	2649	2652	rVV	259467	355329	4.74%	0.408%
56	18.704	2652	2655	2661	rVB2	60280	84242	1.12%	0.097%
57	18.962	2695	2699	2702	rVV	68437	88250	1.18%	0.101%
58	18.998	2702	2705	2710	rVB	51416	71132	0.95%	0.082%
59	19.086	2715	2720	2724	rBV2	104172	180937	2.42%	0.208%
60	19.145	2724	2730	2734	rBV4	63343	131533	1.76%	0.151%
61	19.221	2739	2743	2746	rBV	86194	144570	1.93%	0.166%
62	19.345	2756	2764	2772	rBV	5523650	7491267	100.00%	8.592%
63	19.409	2772	2775	2778	rBV	42256	55023	0.73%	0.063%
64	19.445	2778	2781	2782	rVV2	55493	63866	0.85%	0.073%
65	19.462	2782	2784	2788	rVV	84111	102259	1.37%	0.117%
66	19.539	2792	2797	2801	rBV4	134546	228702	3.05%	0.262%
67	19.586	2802	2805	2809	rVB	132274	171787	2.29%	0.197%
68	19.680	2815	2821	2823	rBV2	2647442	3849046	51.38%	4.415%
69	19.709	2823	2826	2834	rVV	4249915	5393606	72.00%	6.186%
70	19.780	2834	2838	2844	rVB2	145507	227104	3.03%	0.260%
71	19.886	2852	2856	2861	rBV	223828	286554	3.83%	0.329%
72	19.945	2862	2866	2872	rVB	170400	249657	3.33%	0.286%
73	20.027	2875	2880	2882	rBV2	189255	331681	4.43%	0.380%
74	20.080	2886	2889	2893	rVB	97511	119239	1.59%	0.137%
75	20.168	2899	2904	2905	rBV2	132784	179446	2.40%	0.206%
76	20.204	2906	2910	2914	rVB2	687766	904705	12.08%	1.038%

LSC Area Percent Report

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Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

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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Peak separation: 5

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

77	20.304	2922	2927	2931	rBV	760048	985102	13.15%	1.130%
78	20.362	2931	2937	2941	rVB2	268480	462392	6.17%	0.530%
79	20.498	2956	2960	2964	rBV	147921	206824	2.76%	0.237%
80	20.545	2964	2968	2972	rVV	158065	227970	3.04%	0.261%
81	20.909	3027	3030	3033	rBV3	75498	107142	1.43%	0.123%
82	20.951	3034	3037	3043	rVB2	102734	173003	2.31%	0.198%
83	21.115	3061	3065	3068	rBV	303002	350971	4.69%	0.403%
84	21.151	3068	3071	3074	rBV	240656	254604	3.40%	0.292%
85	21.192	3074	3078	3083	rBV2	416671	610650	8.15%	0.700%
86	21.421	3114	3117	3118	rBV	93771	108250	1.45%	0.124%
87	21.456	3118	3123	3128	rVV3	3189828	6200177	82.77%	7.112%
88	21.503	3128	3131	3142	rVB	1972047	2606572	34.79%	2.990%
89	21.627	3148	3152	3157	rBV2	313257	457268	6.10%	0.524%
90	21.786	3175	3179	3187	rBV2	275064	486492	6.49%	0.558%
91	22.098	3228	3232	3238	rVB	197713	288338	3.85%	0.331%
92	22.256	3255	3259	3261	rBV2	125544	183200	2.45%	0.210%
93	23.133	3401	3408	3413	rBV	1402201	3467390	46.29%	3.977%
94	23.309	3434	3438	3446	rVB	259367	432612	5.77%	0.496%
95	23.644	3489	3495	3499	rBV	717513	1383608	18.47%	1.587%
96	23.697	3499	3504	3508	rVV2	1035933	1999621	26.69%	2.294%
97	23.750	3508	3513	3522	rVB	1245888	2599029	34.69%	2.981%
98	23.850	3524	3530	3535	rVV2	1128008	2250715	30.04%	2.582%
99	23.903	3536	3539	3549	rVB	363086	672592	8.98%	0.771%
100	26.315	3941	3949	3963	rVB2	676305	2077091	27.73%	2.382%

Sum of corrected areas: 87185066

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
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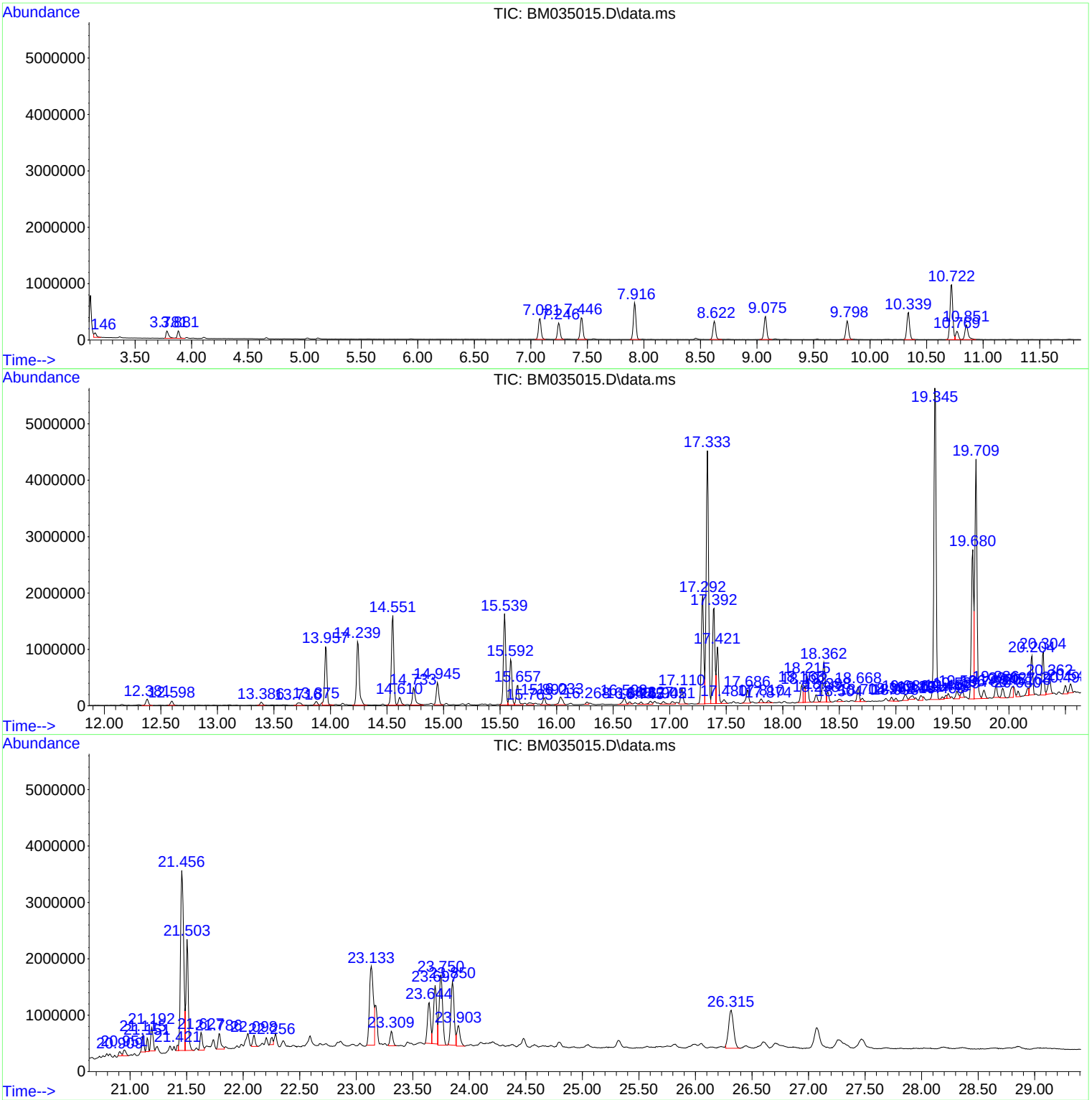
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

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 : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

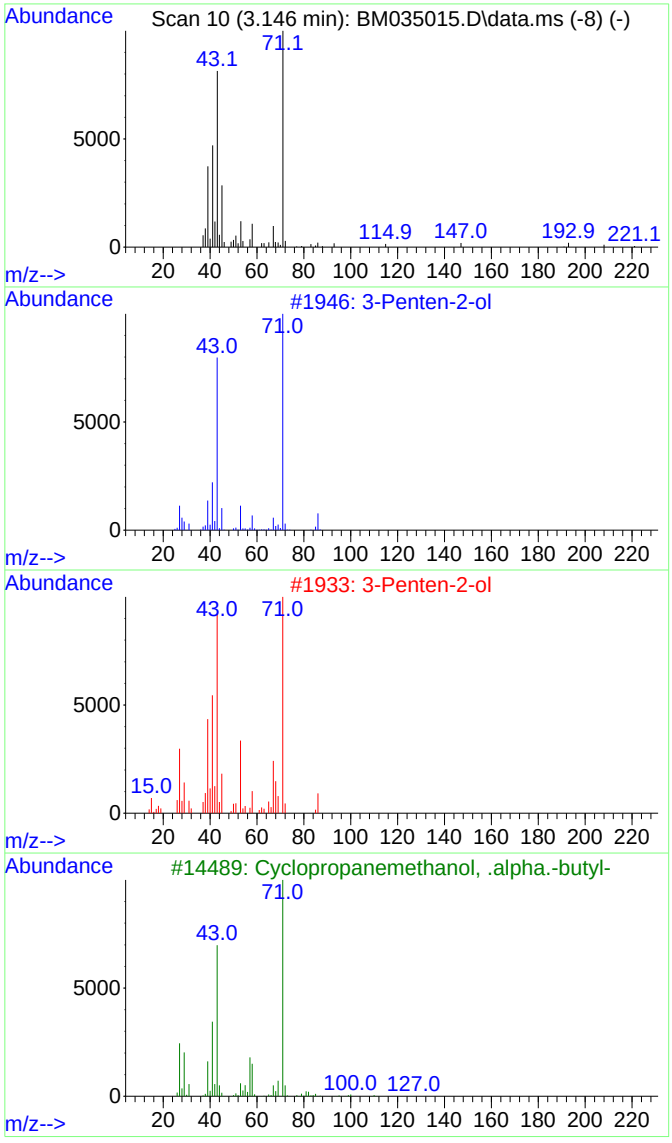
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

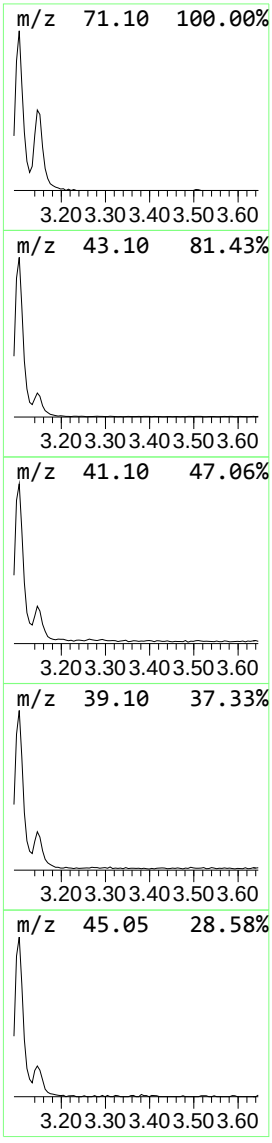
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.146	2.16 ng/ul	110702	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	64
2	3-Penten-2-ol	86	C5H10O	001569-50-2	59
3	Cyclopropanemethanol, .alpha.-bu...	128	C8H16O	004379-16-2	38
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38
5	Butyric acid, m-nitrophenyl ester	209	C10H11NO4	014617-97-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

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

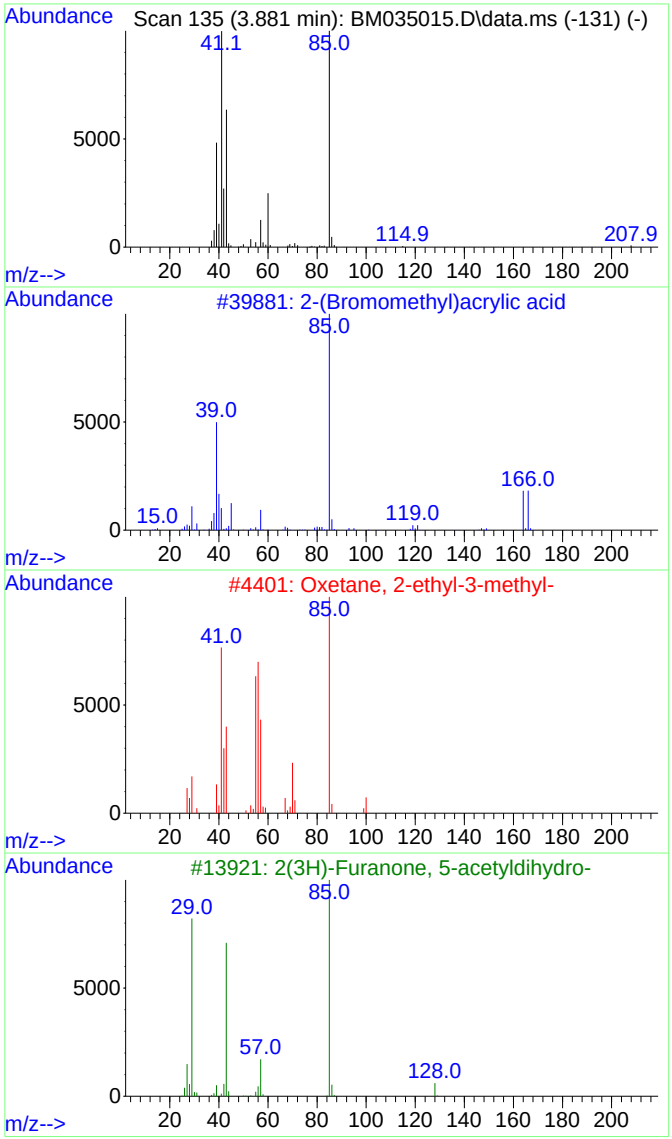
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

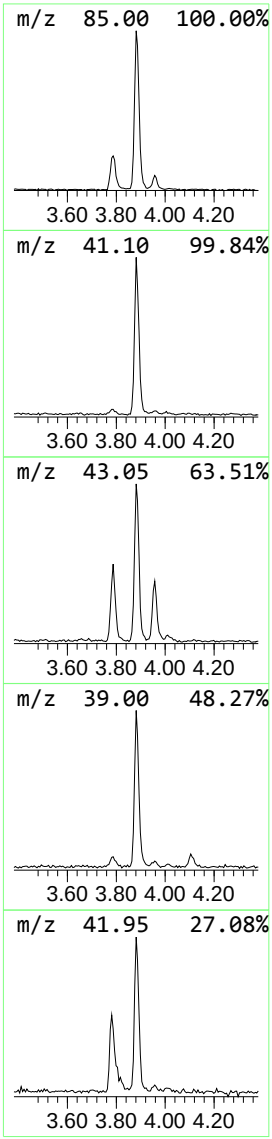
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.881	3.58 ng/ul	183428	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	33
2	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	28
3	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	23
4	4-Methyl-1,6-heptadien-4-ol	126	C8H14O	025201-40-5	23
5	Thiazole	85	C3H3NS	000288-47-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

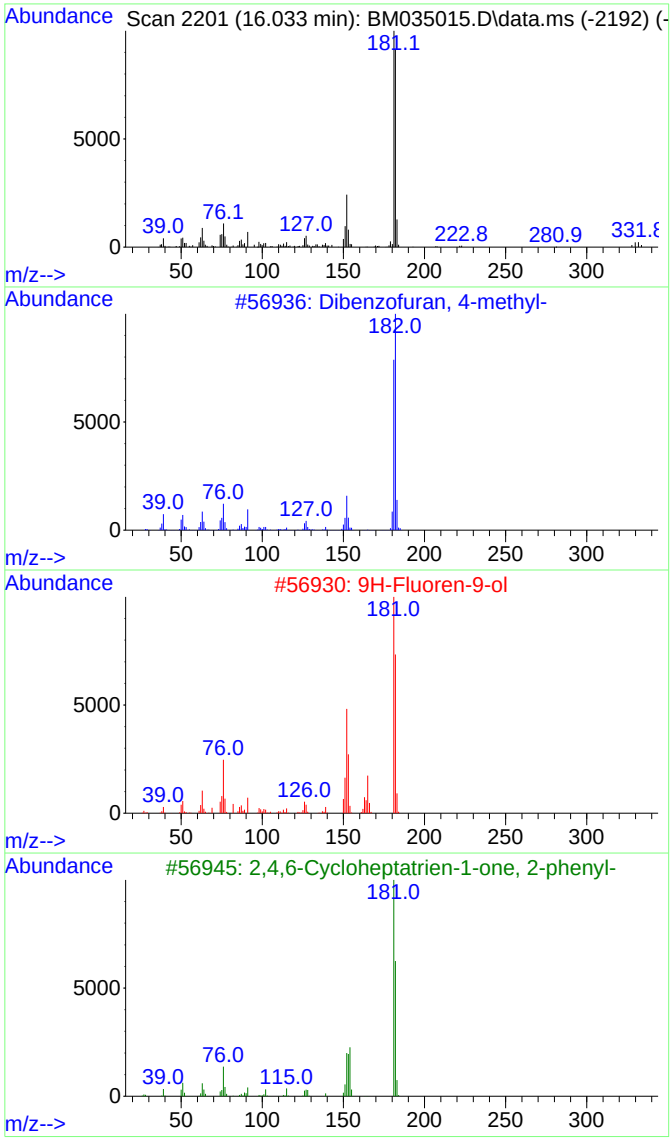
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

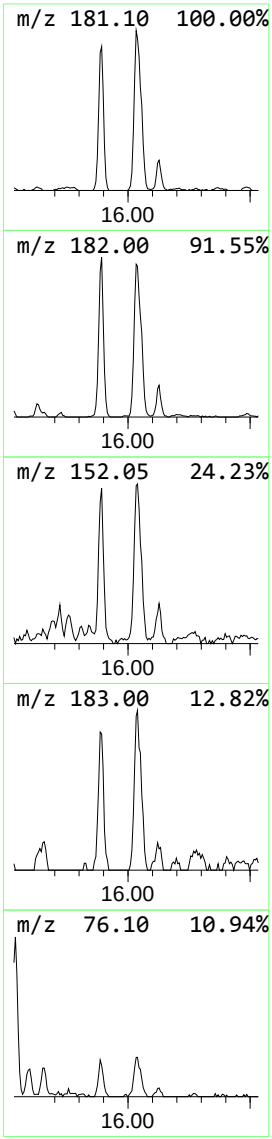
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	2.03 ng/ul	291084	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

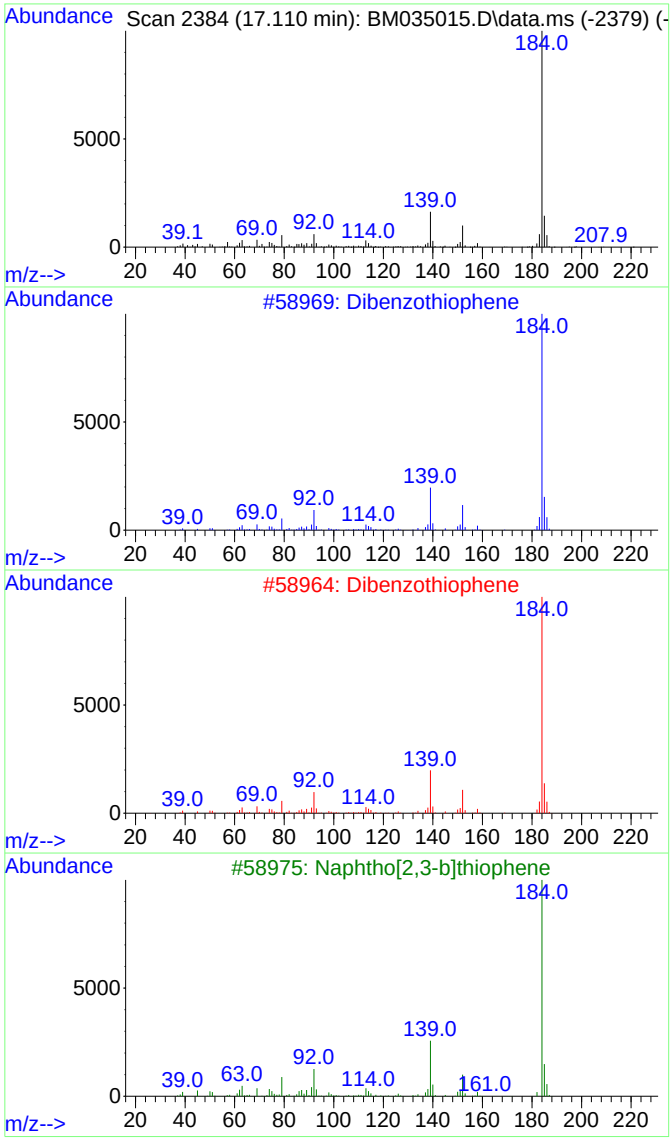
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

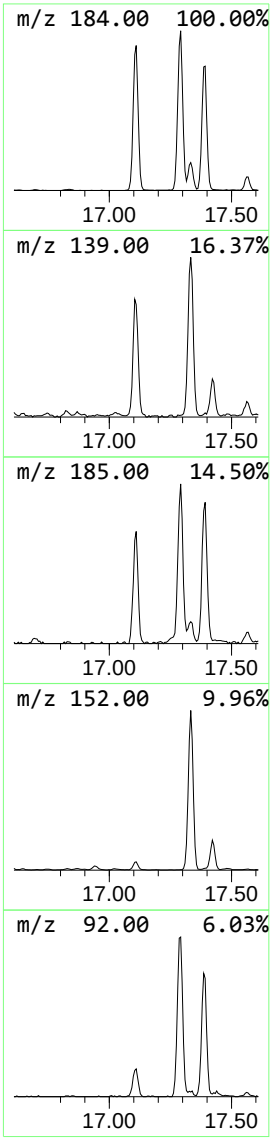
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	2.88 ng/ul	414328	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

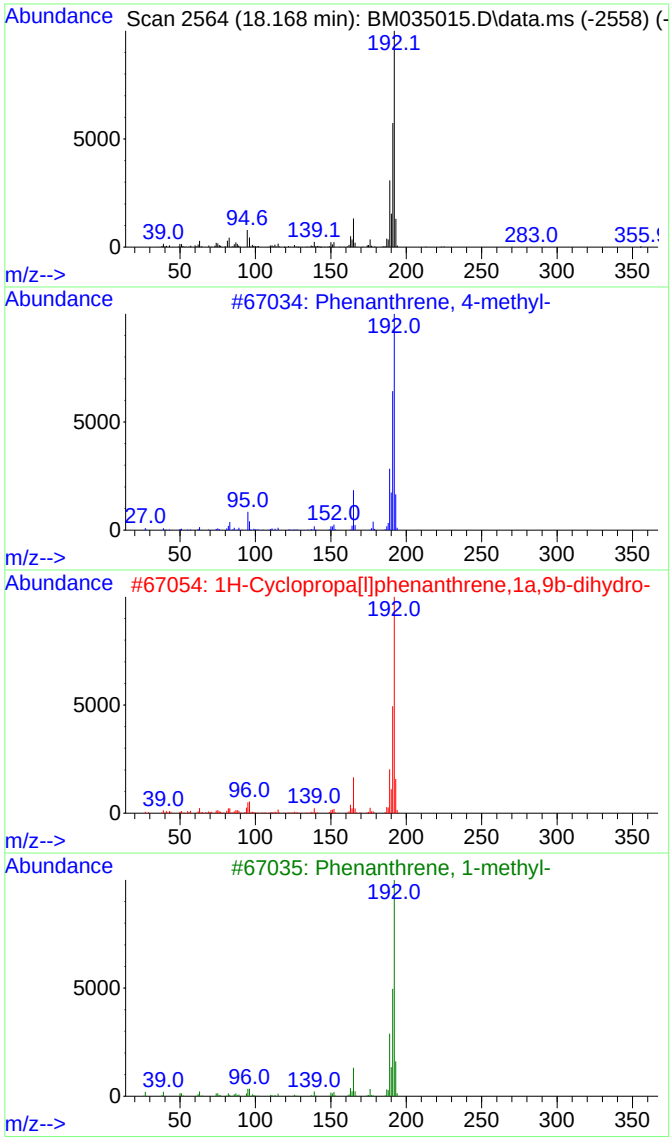
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

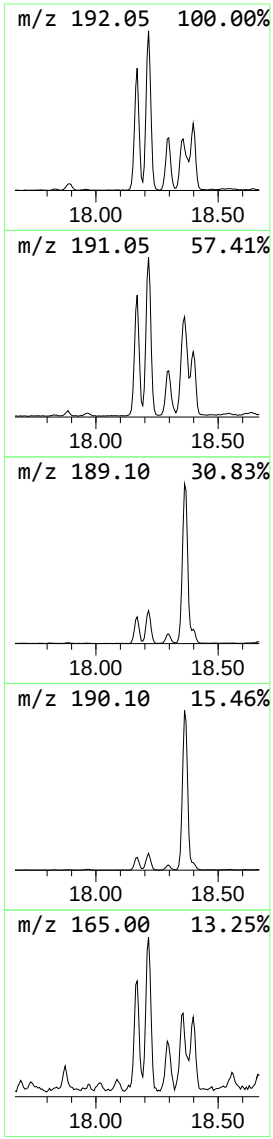
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	3.26 ng/ul	467897	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

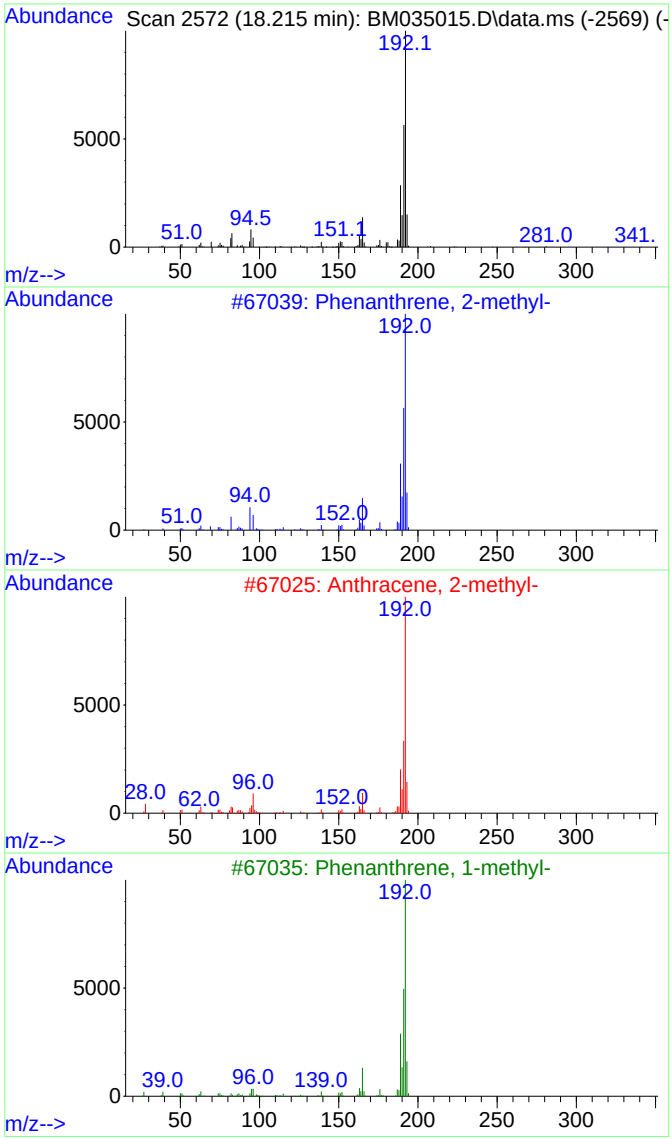
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

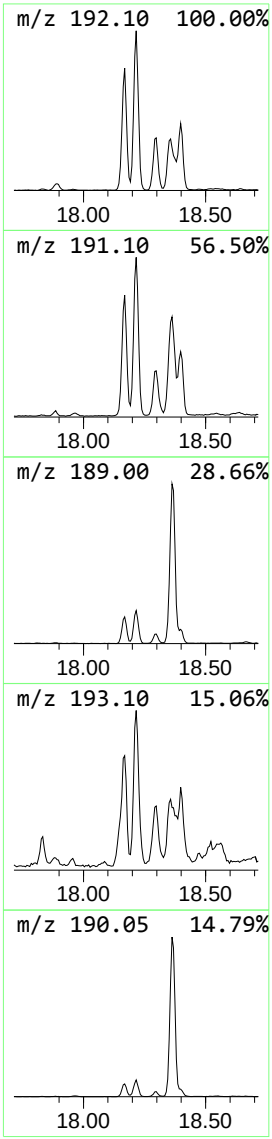
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	4.40 ng/ul	632866	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

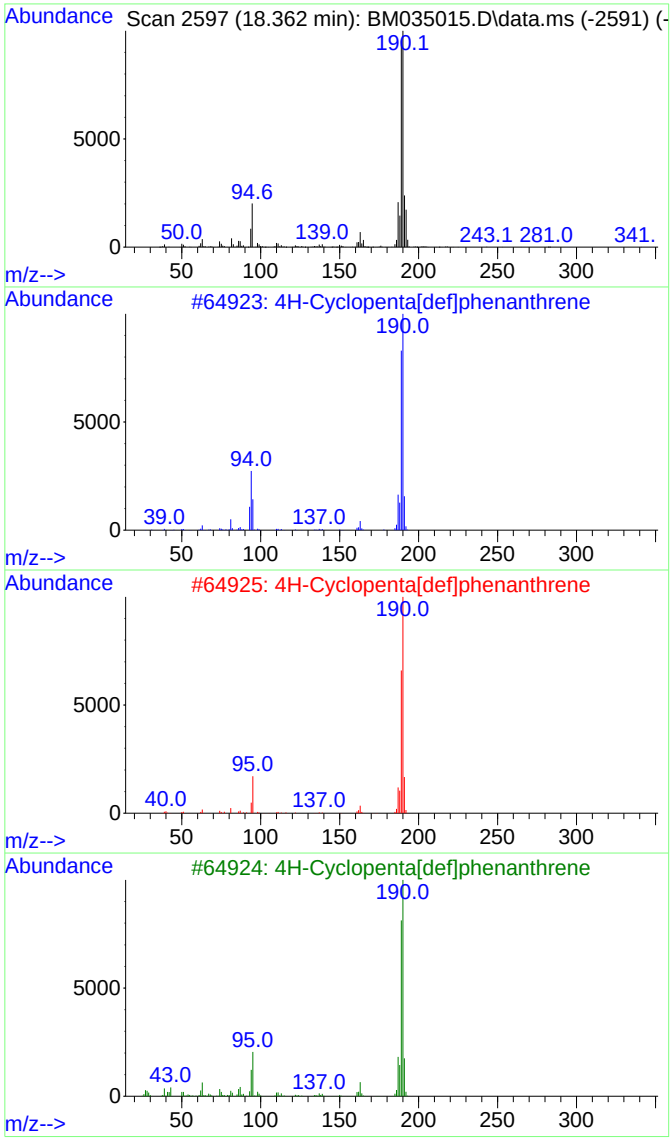
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

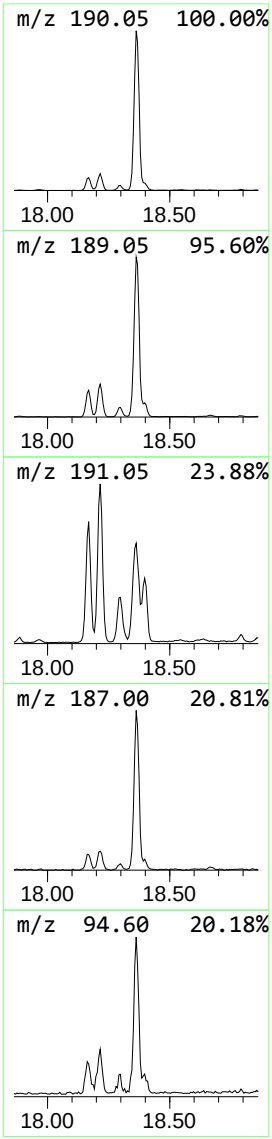
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	7.88 ng/ul	1133040	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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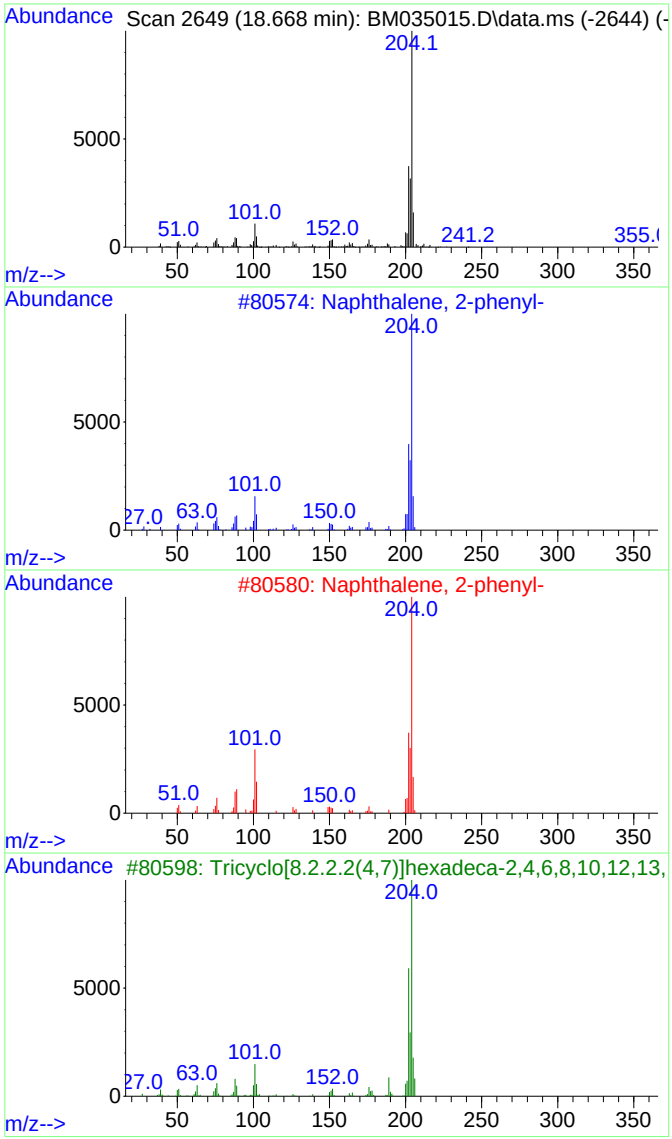
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

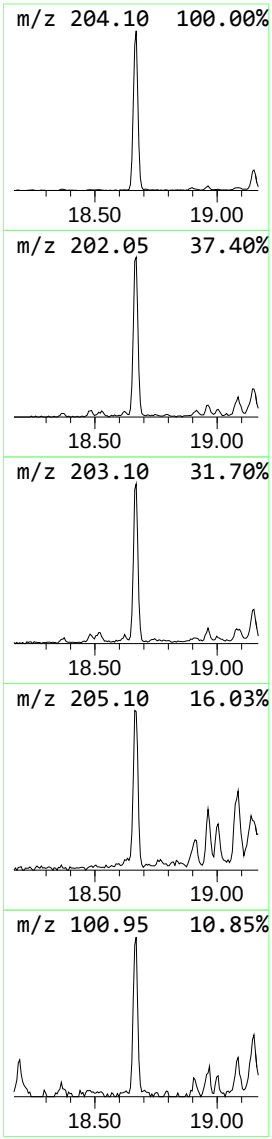
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.668	2.47 ng/ul	355329	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

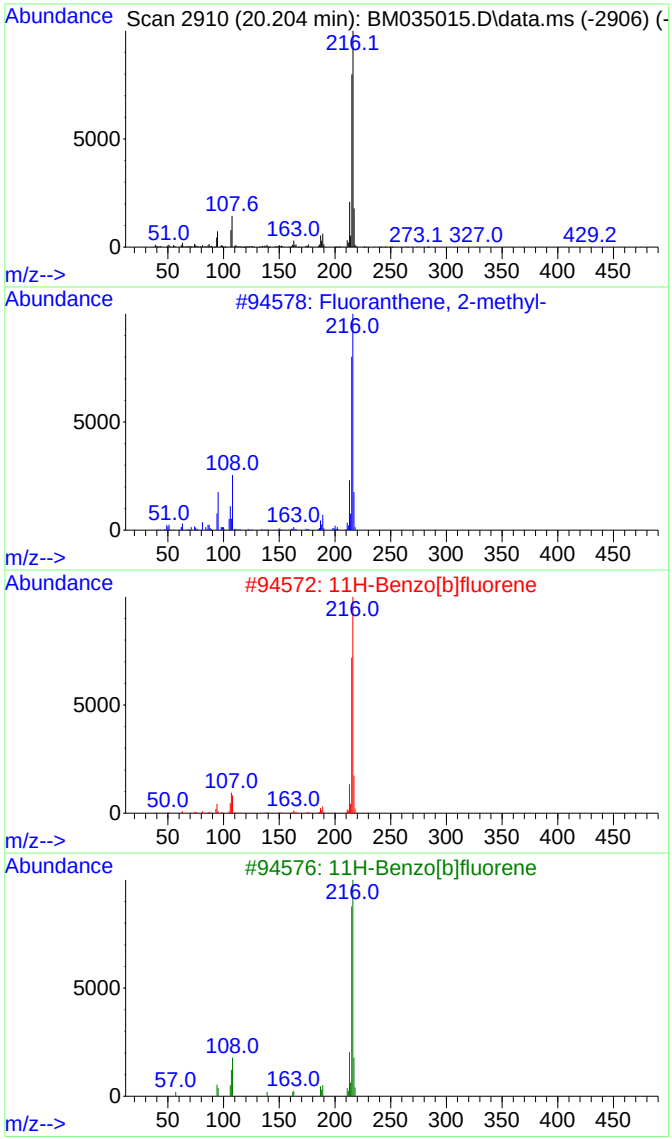
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

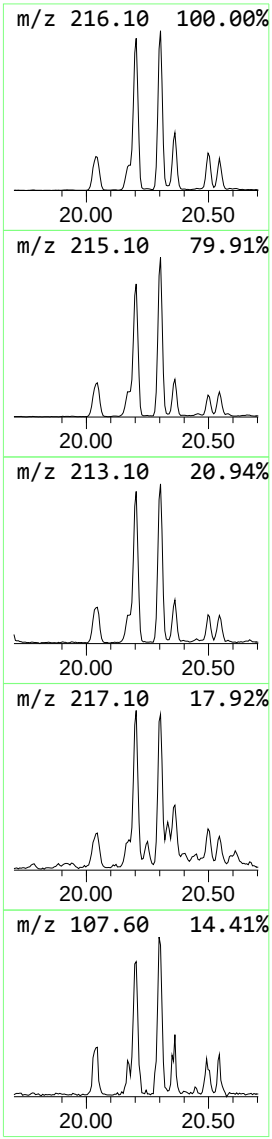
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.203	2.92 ng/ul	904705	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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

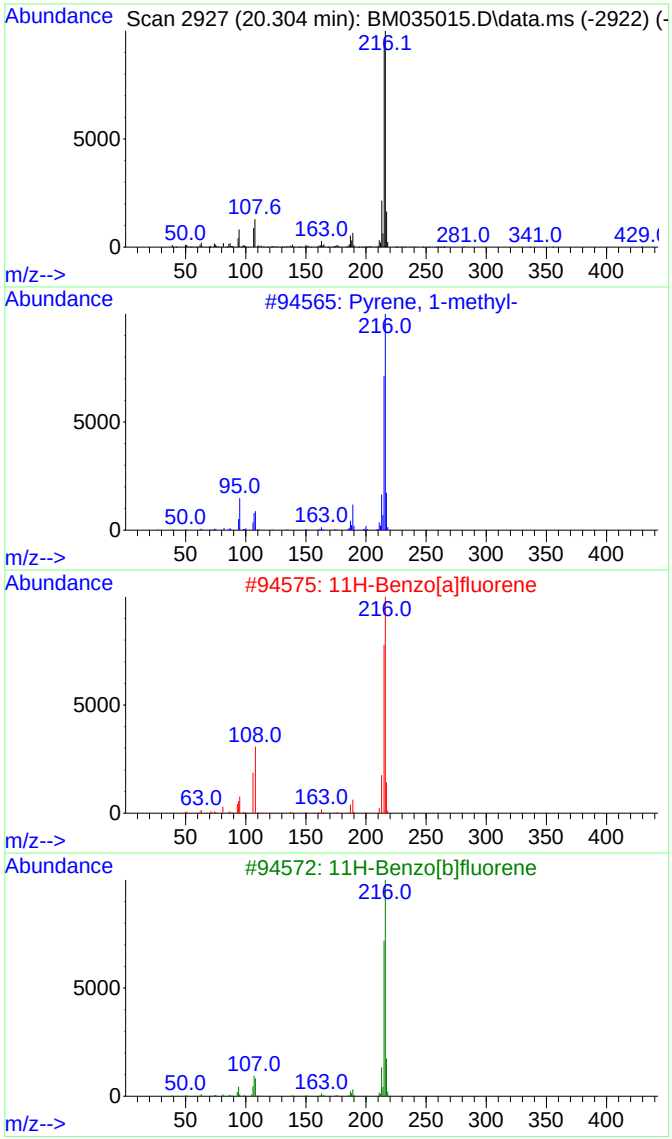
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

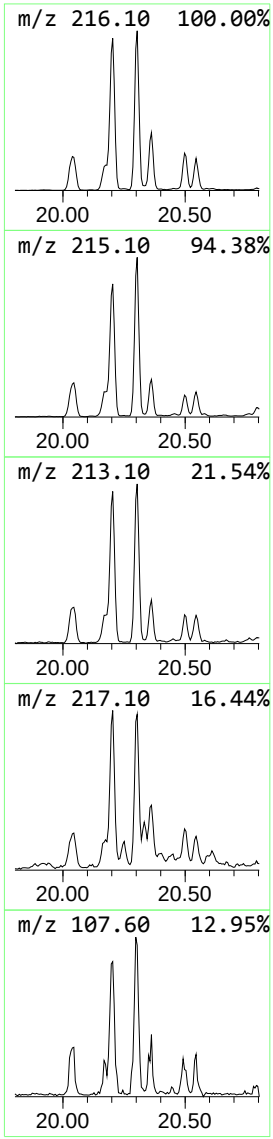
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.304	3.18 ng/ul	985102	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

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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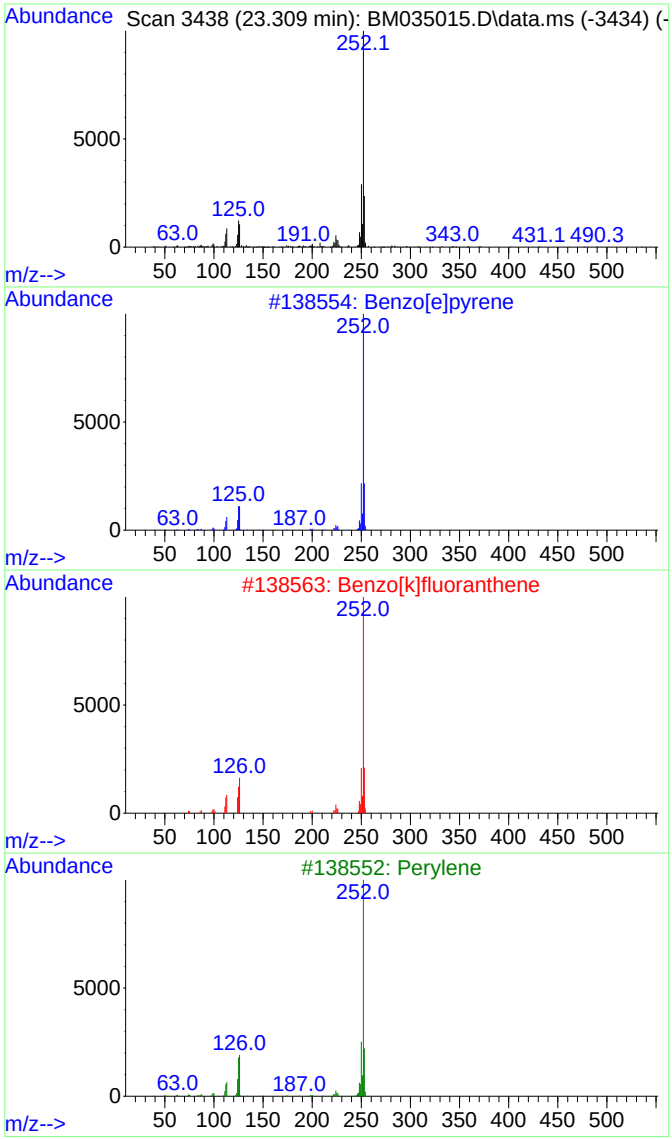
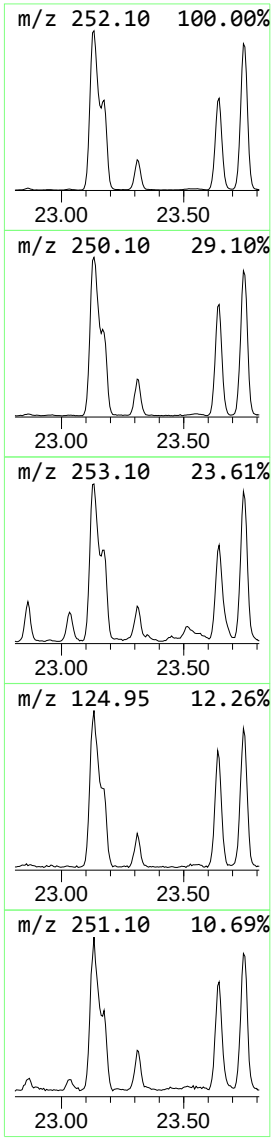
Peak Number 11 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.309	3.84 ng/ul	432612	Perylene-d12	23.850

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	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

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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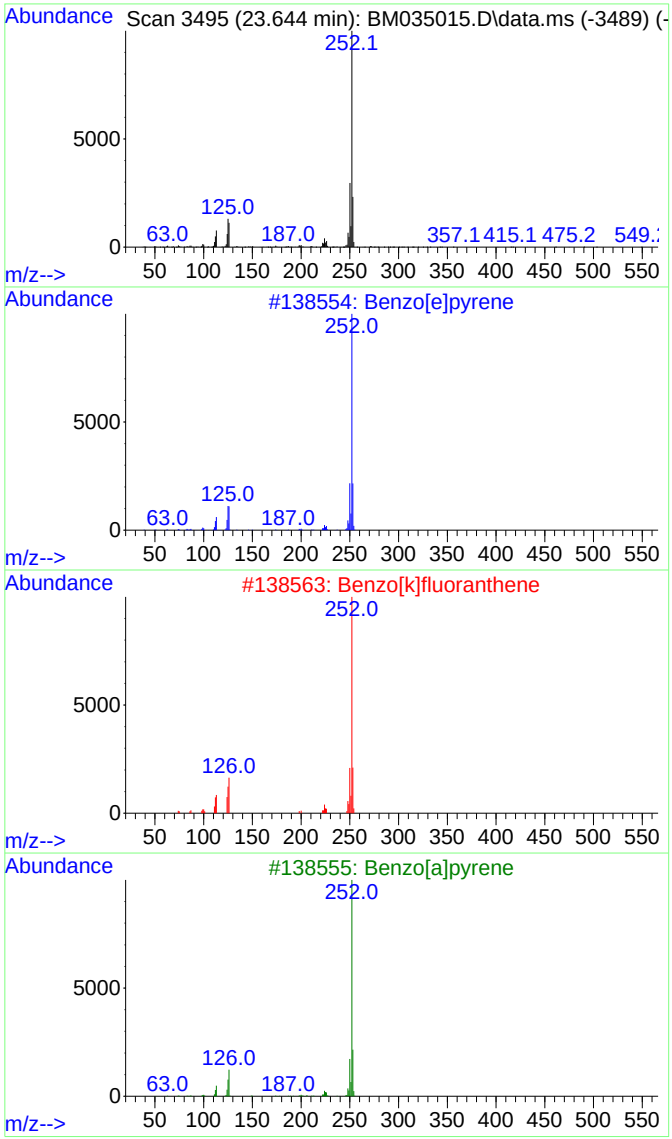
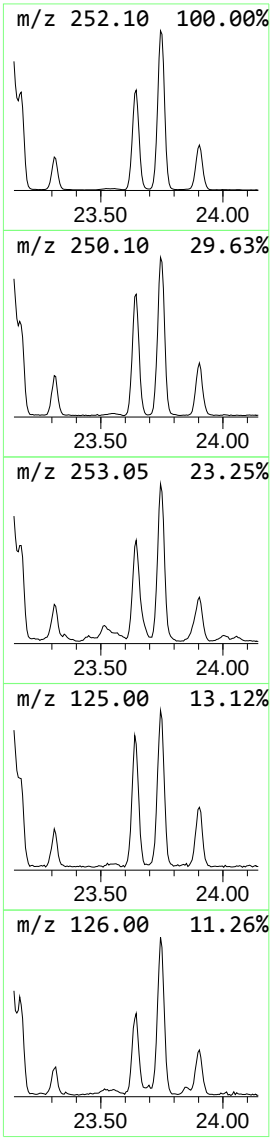
Peak Number 12 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.645	12.29 ng/ul	1383610	Perylene-d12	23.850

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	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

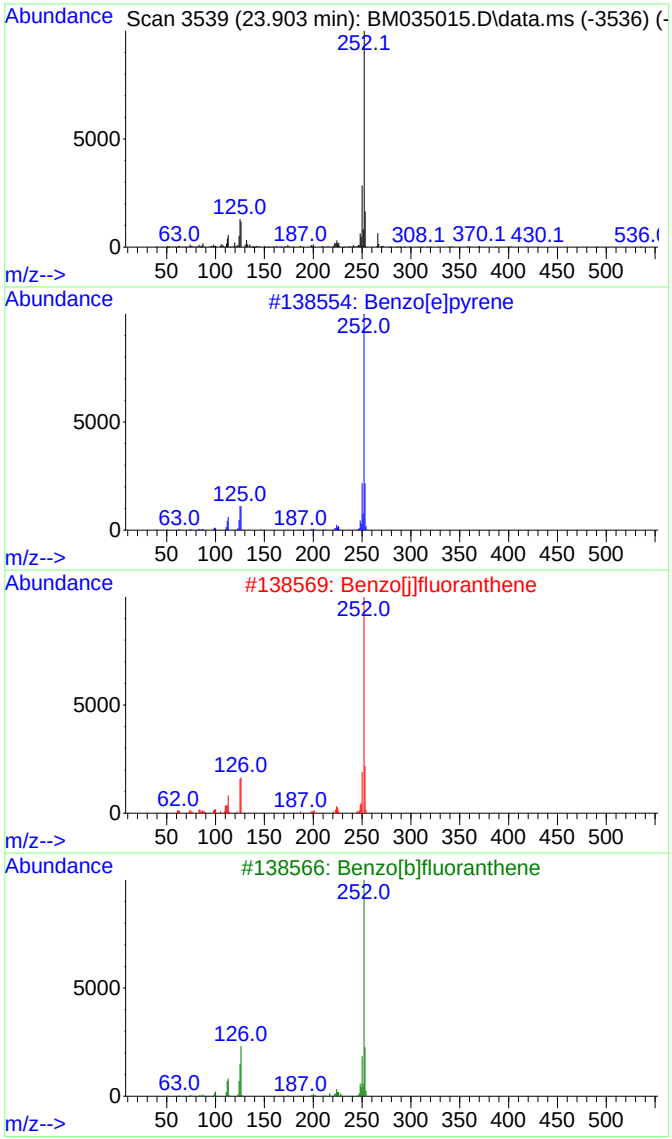
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

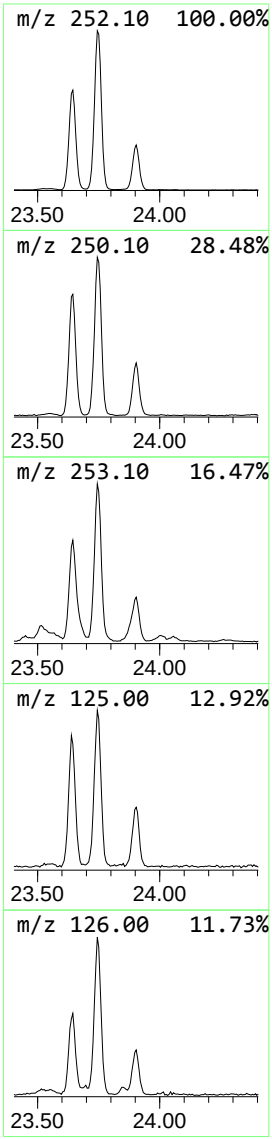
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.903	5.98 ng/ul	672592	Perylene-d12	23.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035015.D
Acq On : 12 May 2022 09:44
Operator : CG/JU
Sample : N2603-23DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A2DL

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-Penten-2-ol	3.146	2.2	ng/ul	110702	1	7.916	1023860	20.0
unknown-01	3.881	3.6	ng/ul	183428	1	7.916	1023860	20.0
Dibenzofuran, 4...	16.033	2.0	ng/ul	291084	4	17.292	2874510	20.0
Dibenzothiophene	17.110	2.9	ng/ul	414328	4	17.292	2874510	20.0
Phenanthrene, 4...	18.168	3.3	ng/ul	467897	4	17.292	2874510	20.0
Phenanthrene, 2...	18.215	4.4	ng/ul	632866	4	17.292	2874510	20.0
4H-Cyclopenta[d...	18.363	7.9	ng/ul	1133040	4	17.292	2874510	20.0
Naphthalene, 2-...	18.668	2.5	ng/ul	355329	4	17.292	2874510	20.0
Fluoranthene, 2...	20.203	2.9	ng/ul	904705	5	21.468	6200180	20.0
Pyrene, 1-methyl-	20.304	3.2	ng/ul	985102	5	21.468	6200180	20.0
Benzo[e]pyrene	23.309	3.8	ng/ul	432612	6	23.850	2250720	20.0
Perylene	23.645	12.3	ng/ul	1383610	6	23.850	2250720	20.0
Benzo[j]fluoran...	23.903	6.0	ng/ul	672592	6	23.850	2250720	20.0