LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

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-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036620.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	31	rVB	2540234	3659498	37.01%	3.279%
2	7.169	687	694	704	rVV	257579	468065	4.73%	0.419%
3	7.345	718	724	730	rBV	227085	361467	3.66%	0.324%
4	7.551	752	759	767	rVB	234681	390213	3.95%	0.350%
5	8.022	831	839	854	rBV	1663007	2634579	26.65%	2.360%
6	8.722	953	958	965	rVV	254023	420613	4.25%	0.377%
7	9.186	1030	1037	1043	rVV	239511	389956	3.94%	0.349%
8	9.910	1153	1160	1166	rBV	168797	273360	2.76%	0.245%
9	10.445	1243	1251	1261	rVB	283835	507059	5.13%	0.454%
10	10.610	1271	1279	1290	rBV	302131	476611	4.82%	0.427%
11	10.833	1307	1317	1323	rBV	2250743	3870010	39.14%	3.467%
12	10.886	1323	1326	1332	rVV	150726	228015	2.31%	0.204%
13	10.969	1334	1340	1353	rVV2	86276	200735	2.03%	0.180%
14	12.486	1591	1598	1606	rVB	178552	286898	2.90%	0.257%
15	12.704	1627	1635	1642	rVV	143163	225951	2.29%	0.202%
16	13.480	1761	1767	1773	rBV2	93634	157419	1.59%	0.141%
17	13.551	1773	1779	1788	rVB	99556	181321	1.83%	0.162%
18	13.968	1845	1850	1855	rVV	144231	242767	2.46%	0.218%
19	14.021	1855	1859	1861	rVV	109373	151566	1.53%	0.136%
20	14.057	1861	1865	1870	rVV	546716	783323	7.92%	0.702%
21	14.204	1886	1890	1894	rVV	87931	134930	1.36%	0.121%
22	14.339	1907	1913	1916	rVV	627191	941764	9.53%	0.844%
23	14.368	1916	1918	1928	rVB	332328	441722	4.47%	0.396%
24	14.645	1956	1965	1972	rBV	3188237	4584090	46.37%	4.107%
25	14.821	1990	1995	2008	rVV3	152598	296961	3.00%	0.266%
26	15.039	2027	2032	2039	rVV	180683	287798	2.91%	0.258%
27	15.115	2039	2045	2050	rVB	88301	130185	1.32%	0.117%
28	15.262	2061	2070	2074	rBV2	94828	192142	1.94%	0.172%
29	15.433	2091	2099	2102	rBV2	108047	196618	1.99%	0.176%
30	15.633	2123	2133	2138	rVV	853136	1236135	12.50%	1.107%
31	15.680	2138	2141	2146	rVV2	154938	241526	2.44%	0.216%
32	15.739	2147	2151	2156	rVB	127827	179232	1.81%	0.161%
33	15.898	2173	2178	2184	rVB3	93967	146605	1.48%	0.131%
34	15.980	2186	2192	2202	rVV	130055	238821	2.42%	0.214%
35	16.127	2210	2217	2224	rVB2	147177	341477	3.45%	0.306%
36	16.374	2251	2259	2265	rBV2	243665	554250	5.61%	0.497%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

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-BM091522.M
Title : SVOA CALIBRATION

37	16.915	2347	2351	2355	rBV2	158416	248362	2.51%	0.223%
38	17.039	2367	2372	2378	rVB2	117368	204817	2.07%	0.184%
39	17.109	2379	2384	2387	rBV	144005	232316	2.35%	0.208%
40	17.204	2396	2400	2409	rVB4	129399	228029	2.31%	0.204%
41	17.380	2424	2430	2434	rBV	3277704	4627098	46.80%	4.146%
42	17.421	2434	2437	2442	rVV	1630155	2250857	22.77%	2.017%
43	17.480	2442	2447	2450	rVV	860628	1241612	12.56%	1.112%
44	17.515	2450	2453	2458	rVV	653927	843478	8.53%	0.756%
45	17.562	2458	2461	2468	rVV3	123898	225957	2.29%	0.202%
46	17.780	2494	2498	2501	rBV	124407	160178	1.62%	0.144%
47	18.056	2538	2545	2549	rBV5	81908	147388	1.49%	0.132%
48	18.256	2575	2579	2584	rVV	410730	771898	7.81%	0.692%
49	18.303	2584	2587	2592	rVB	622438	866664	8.77%	0.776%
50	18.386	2597	2601	2605	rVB	302544	391919	3.96%	0.351%
51	18.450	2606	2612	2616	rBV2	562886	1117120	11.30%	1.001%
52	18.486	2616	2618	2625	rVB	378854	467677	4.73%	0.419%
53	18.574	2629	2633	2636	rBV2	109996	127457	1.29%	0.114%
54	18.756	2659	2664	2667	rBV	279079	381207	3.86%	0.342%
55	18.792	2667	2670	2675	rVB	235947	286535	2.90%	0.257%
56	18.998	2702	2705	2710	rBV2	147165	208503	2.11%	0.187%
57	19.050	2710	2714	2717	rVV	169147	229726	2.32%	0.206%
58	19.086	2717	2720	2724	rVB	186550	235408	2.38%	0.211%
59	19.168	2729	2734	2738	rBV	497729	788269	7.97%	0.706%
60	19.227	2738	2744	2747	rVV3	284305	668414	6.76%	0.599%
61	19.262	2747	2750	2754	rVB	231388	283827	2.87%	0.254%
62	19.309	2754	2758	2764	rBV	417110	662062	6.70%	0.593%
63	19.433	2773	2779	2785	rBV	5195840	6730860	68.08%	6.030%
64	19.527	2792	2795	2800	rVB4	149798	212246	2.15%	0.190%
65	19.580	2800	2804	2807	rBV	300906	362247	3.66%	0.325%
66	19.621	2809	2811	2815	rVB	121104	140828	1.42%	0.126%
67	19.674	2817	2820	2822	rBV2	113034	144118	1.46%	0.129%
68	19.762	2830	2835	2837	rBV3	1779756	2564756	25.94%	2.298%
69	19.792	2837	2840	2848	rVV	4407834	5805511	58.72%	5.201%
70	19.862	2848	2852	2859	rVB2	405085	709450	7.18%	0.636%
71	19.968	2866	2870	2876	rVB	346378	507182	5.13%	0.454%
72	20.027	2876	2880	2885	rVB3	168148	280980	2.84%	0.252%
73	20.121	2889	2896	2906	rBV6	491575	1507906	15.25%	1.351%
74	20.250	2913	2918	2920	rBV2	386302	683935	6.92%	0.613%
75	20.280	2920	2923	2927	rVB2	624571	853678	8.63%	0.765%
76	20.386	2937	2941	2944	rBV	308216	372109	3.76%	0.333%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

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-BM091522.M
Title : SVOA CALIBRATION

77	20.439	2944	2950	2955	rBV2	661988	1202185	12.16%	1.077%
78	20.480	2955	2957	2961	rVB3	122081	126339	1.28%	0.113%
79	20.521	2961	2964	2970	rBV3	194159	317471	3.21%	0.284%
80	20.580	2970	2974	2978	rBV	394451	532201	5.38%	0.477%
81	20.627	2978	2982	2986	rVB3	358894	514194	5.20%	0.461%
82	21.027	3046	3050	3056	rVB	823471	1093645	11.06%	0.980%
83	21.197	3072	3079	3082	rBV2	453880	986503	9.98%	0.884%
84	21.233	3082	3085	3088	rVV	541913	737017	7.45%	0.660%
85	21.274	3088	3092	3097	rVV2	584648	1098661	11.11%	0.984%
86	21.321	3097	3100	3109	rVB2	635056	1003419	10.15%	0.899%
87	21.544	3132	3138	3143	rBV2	4722591	9886769	100.00%	8.858%
88	21.591	3143	3146	3155	rVB	2576770	3530130	35.71%	3.163%
89	21.715	3163	3167	3172	rBV3	355017	693912	7.02%	0.622%
90	21.880	3191	3195	3200	rBV3	359080	614095	6.21%	0.550%
91	22.138	3235	3239	3243	rVB	626099	832614	8.42%	0.746%
92	22.191	3245	3248	3254	rVB3	631702	945042	9.56%	0.847%
93	22.950	3374	3377	3393	rVB6	379539	1073284	10.86%	0.962%
94	23.256	3422	3429	3434	rBV	2293940	6170901	62.42%	5.529%
95	23.438	3456	3460	3467	rVB	523461	896978	9.07%	0.804%
96	23.780	3513	3518	3523	rBV	1028906	1852234	18.73%	1.659%
97	23.832	3524	3527	3531	rVV2	419430	624106	6.31%	0.559%
98	23.885	3531	3536	3546	rVB	1726153	3661354	37.03%	3.280%
99	23.997	3548	3555	3560	rBV2	2257801	4580104	46.33%	4.103%
100	26.544	3980	3988	4002	rVB2	1122321	3815632	38.59%	3.419%

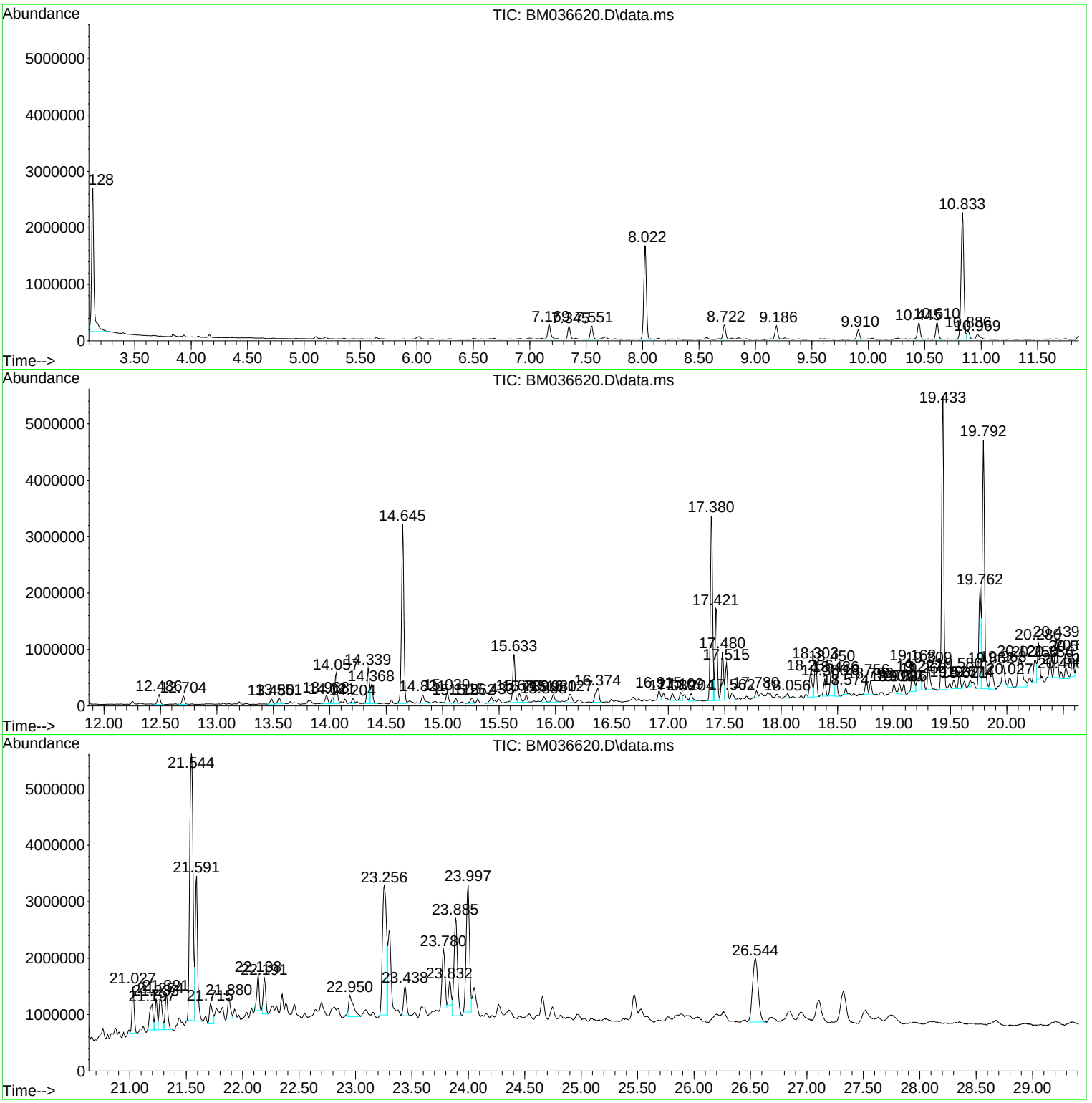
Sum of corrected areas: 111615056

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

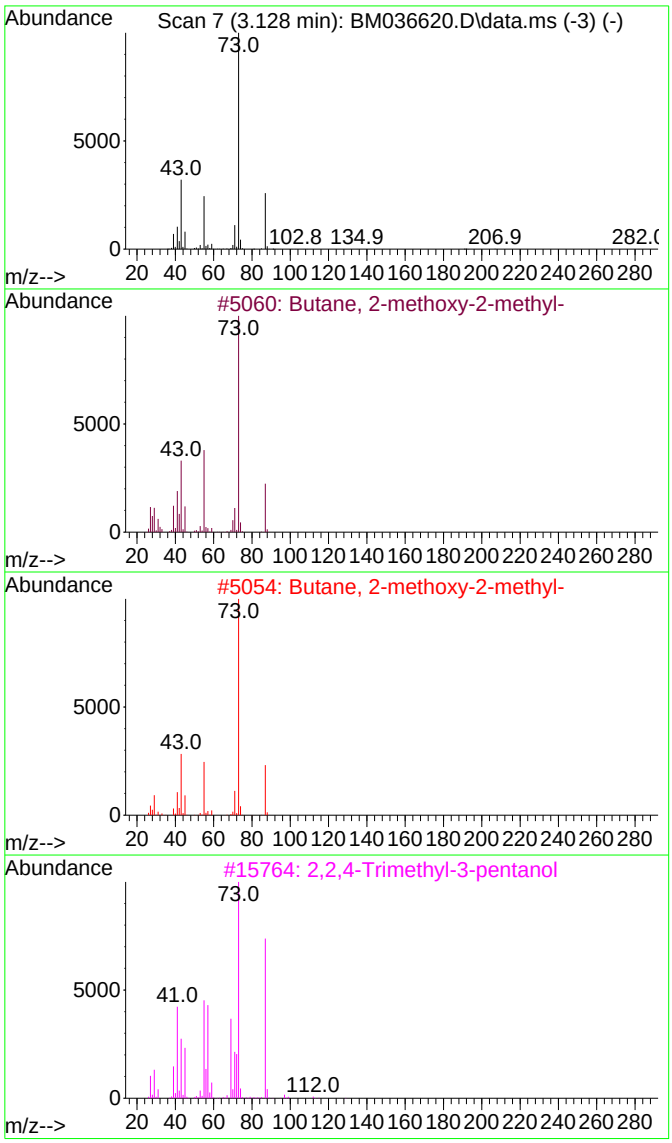
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

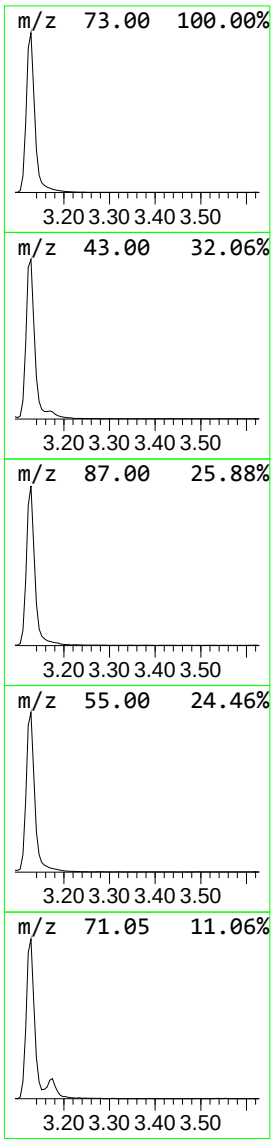
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	27.78 ng/ul	3659500	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

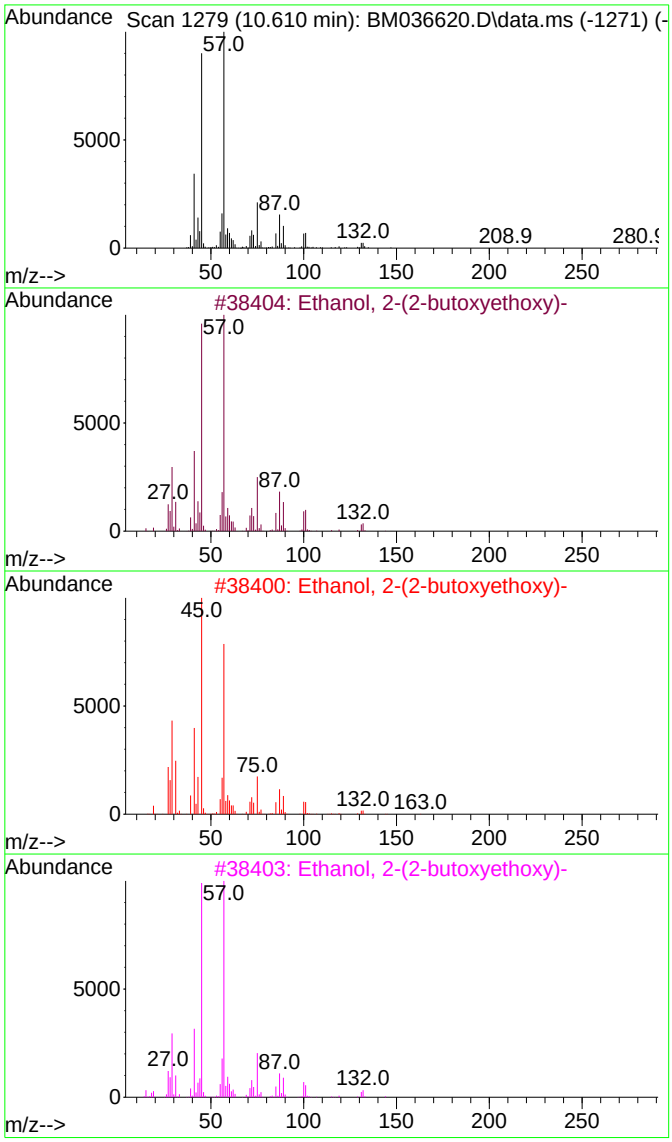
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

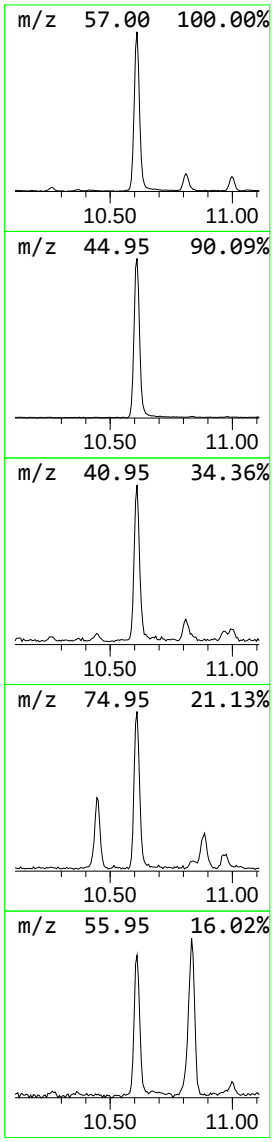
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	2.46 ng/ul	476611	Naphthalene-d8	10.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

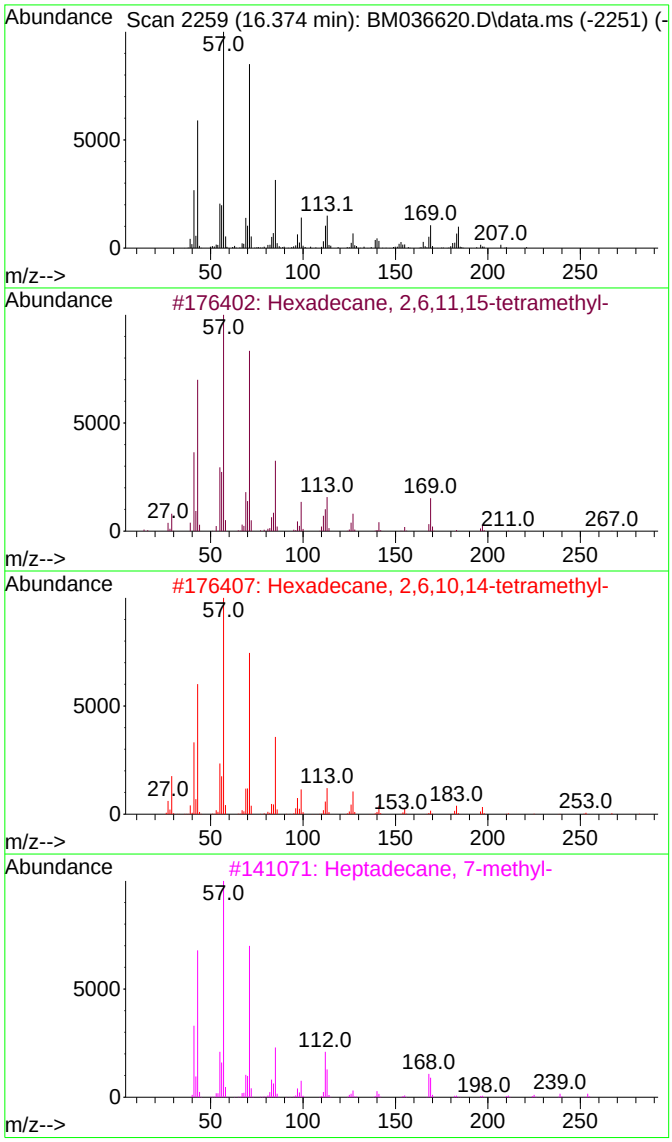
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

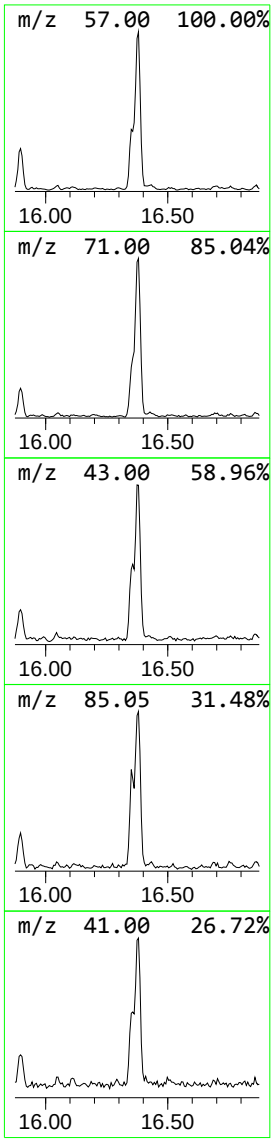
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.374	2.40 ng/ul	554250	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

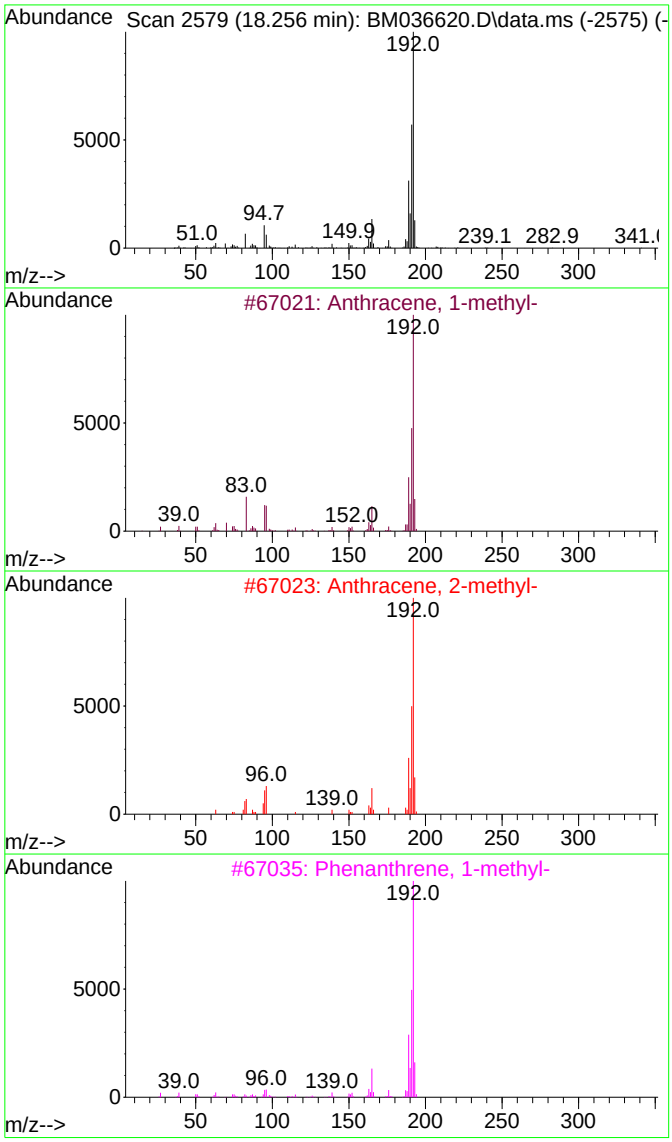
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

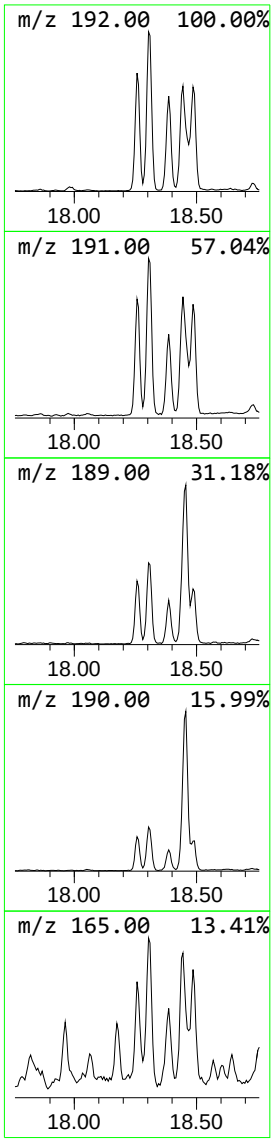
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	3.34 ng/ul	771898	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

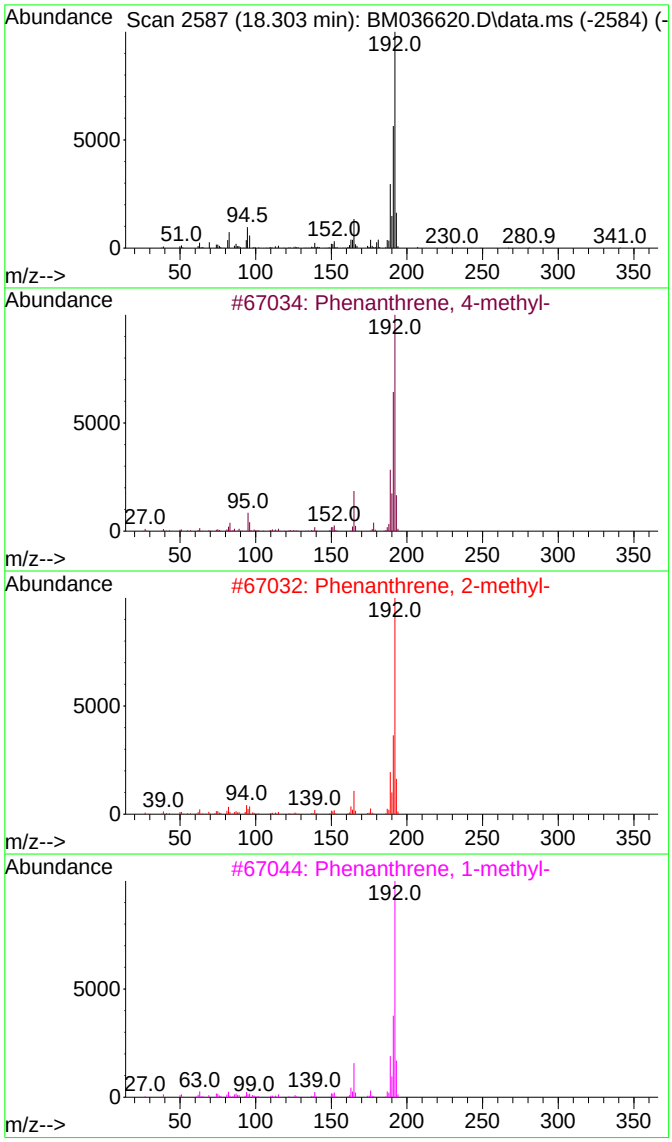
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

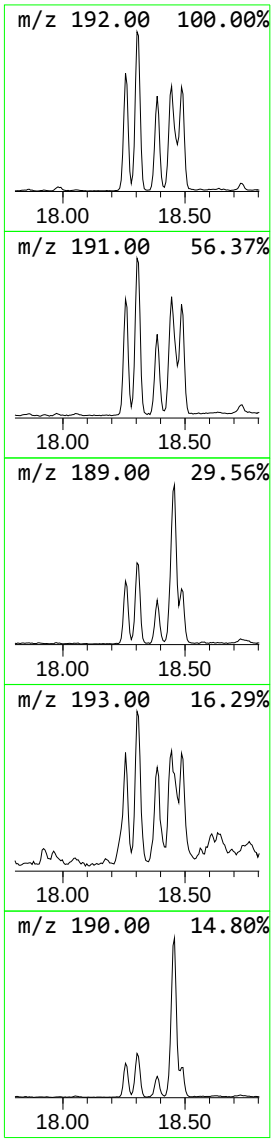
****

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.303	3.75 ng/ul	866664	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

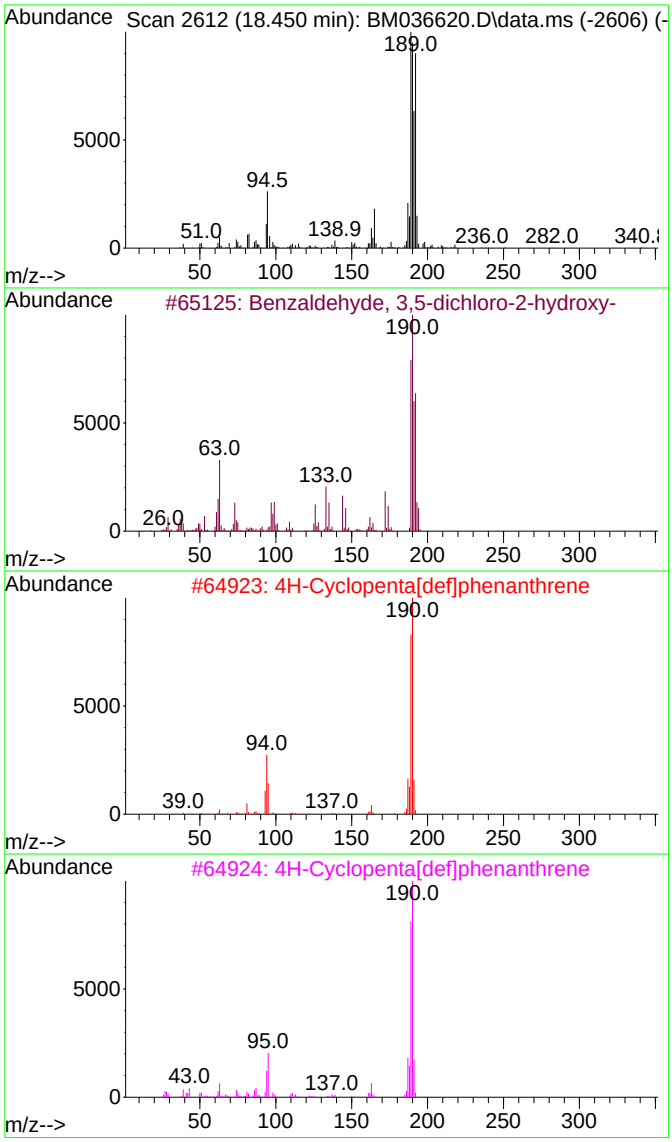
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

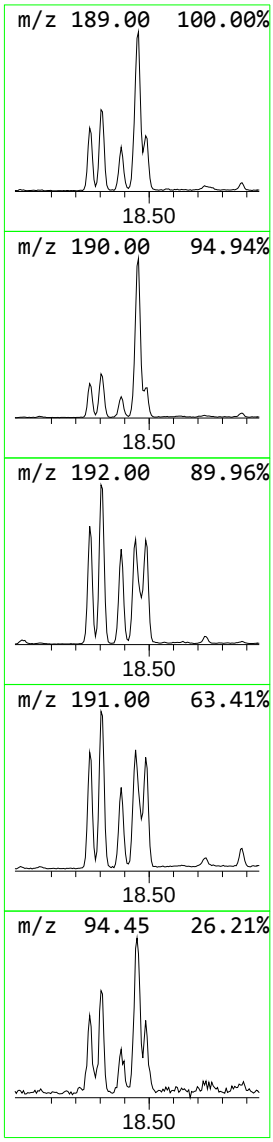
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	4.83 ng/ul	1117120	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

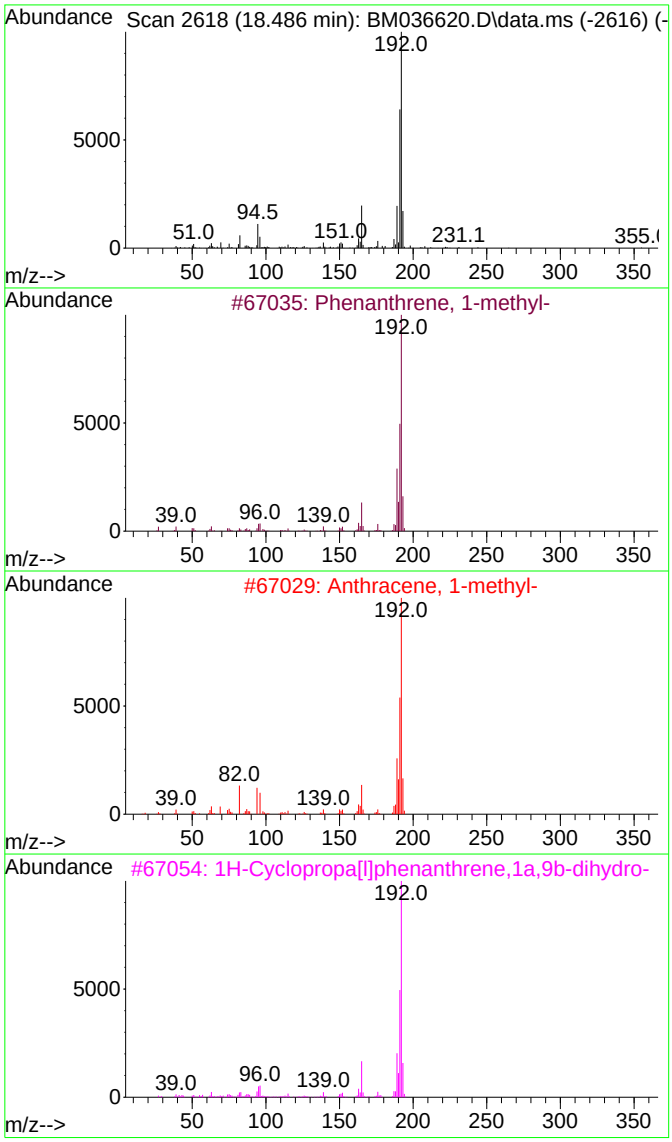
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

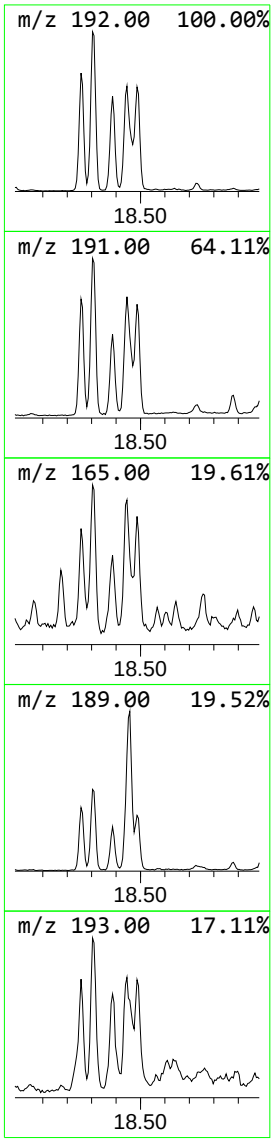
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	2.02 ng/ul	467677	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

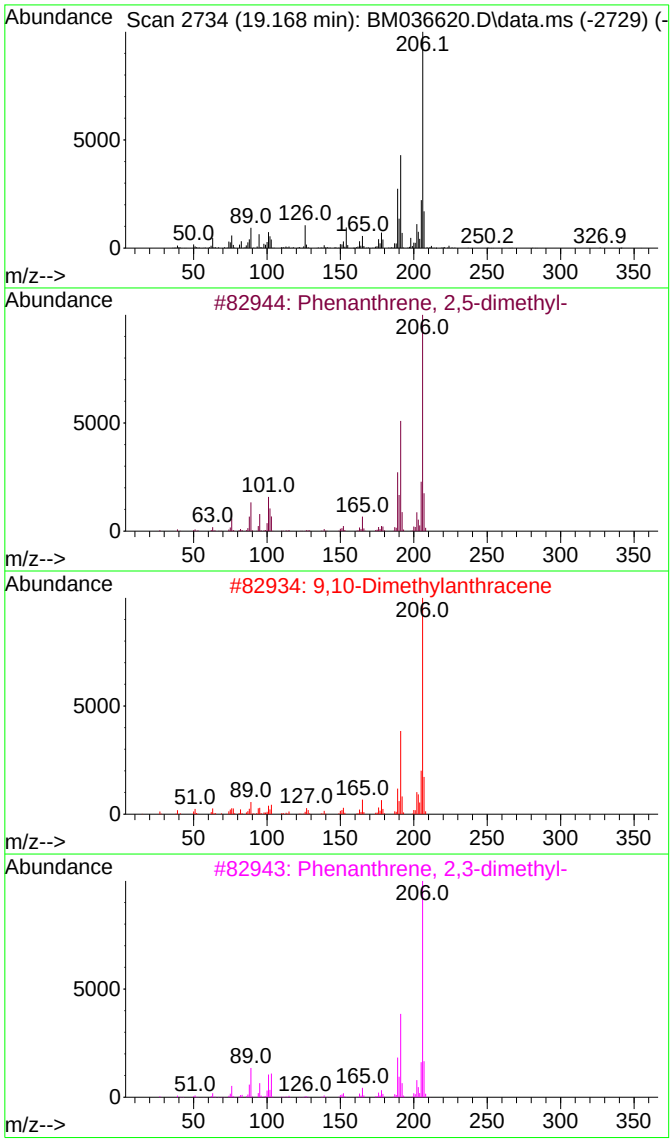
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

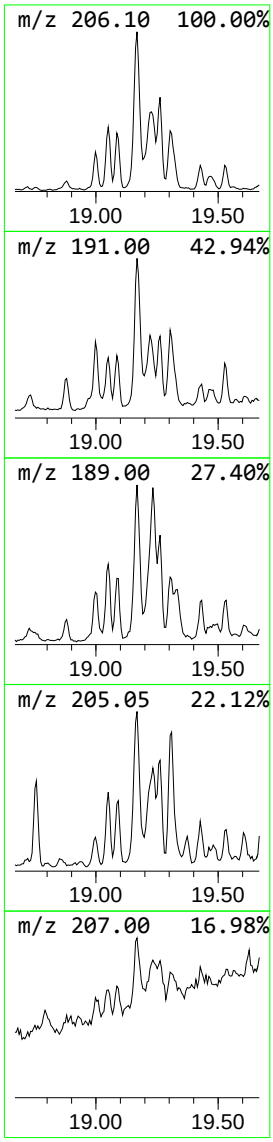
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.168	3.41 ng/ul	788269	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

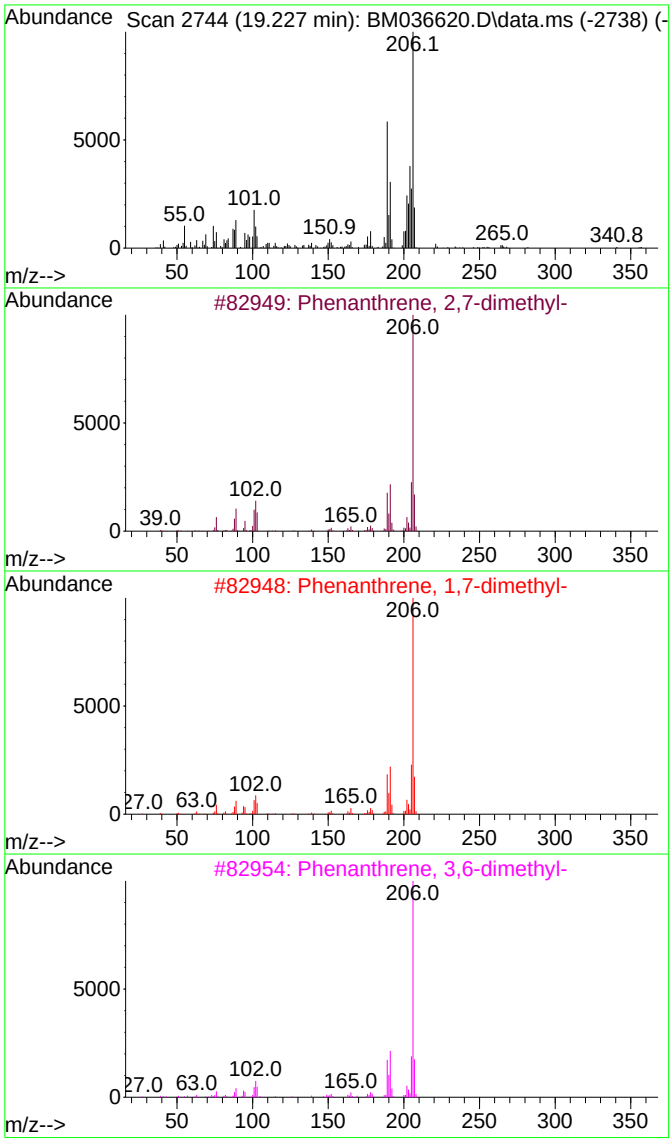
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

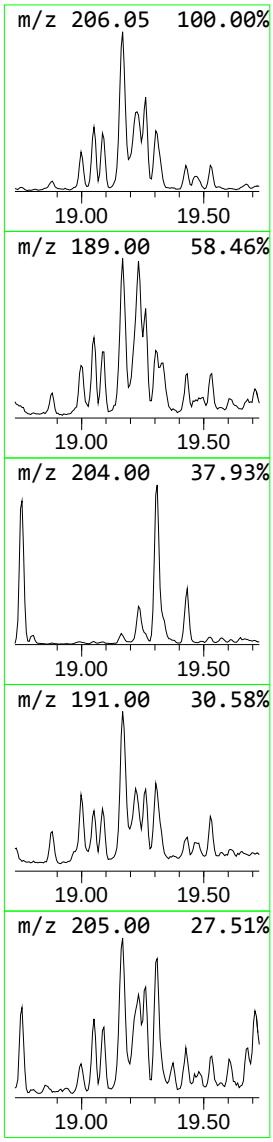
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	2.89 ng/ul	668414	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

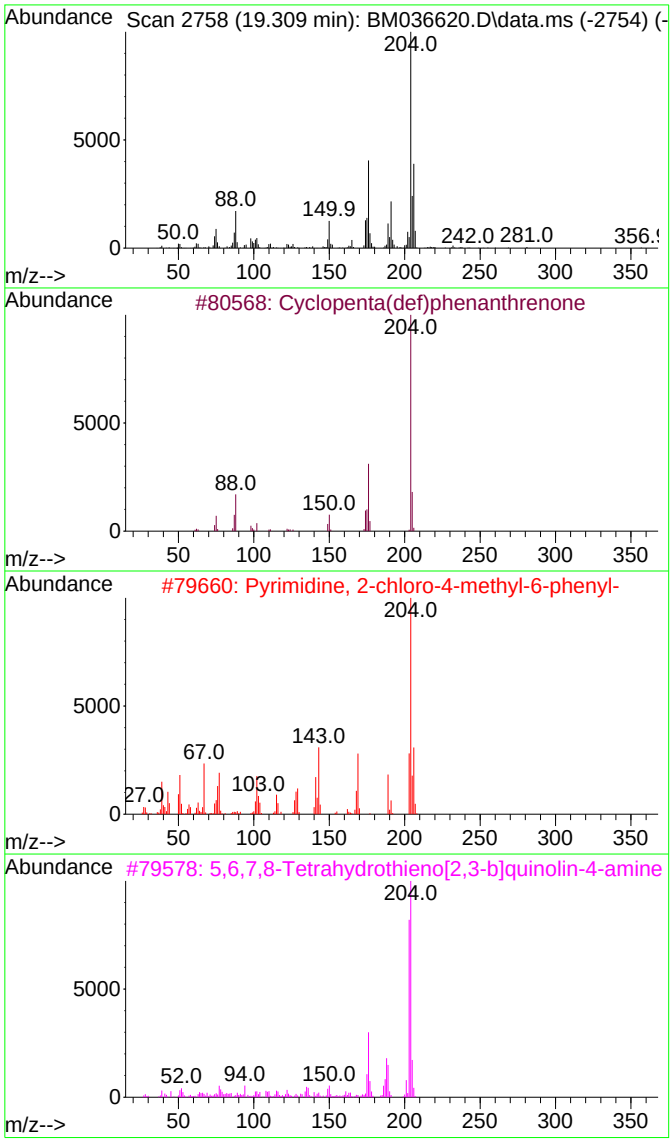
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

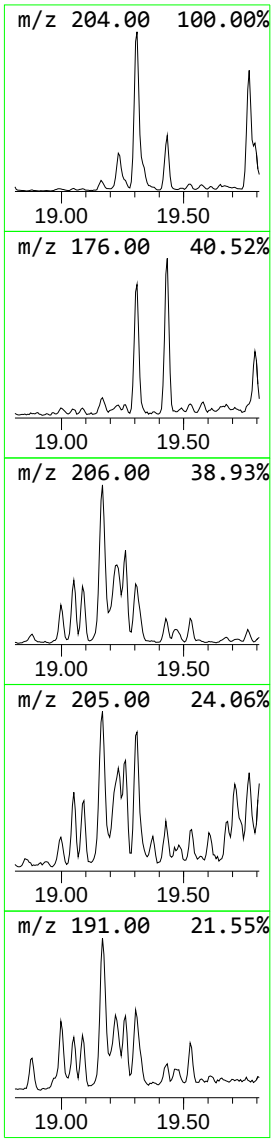
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.309	2.86 ng/ul	662062	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

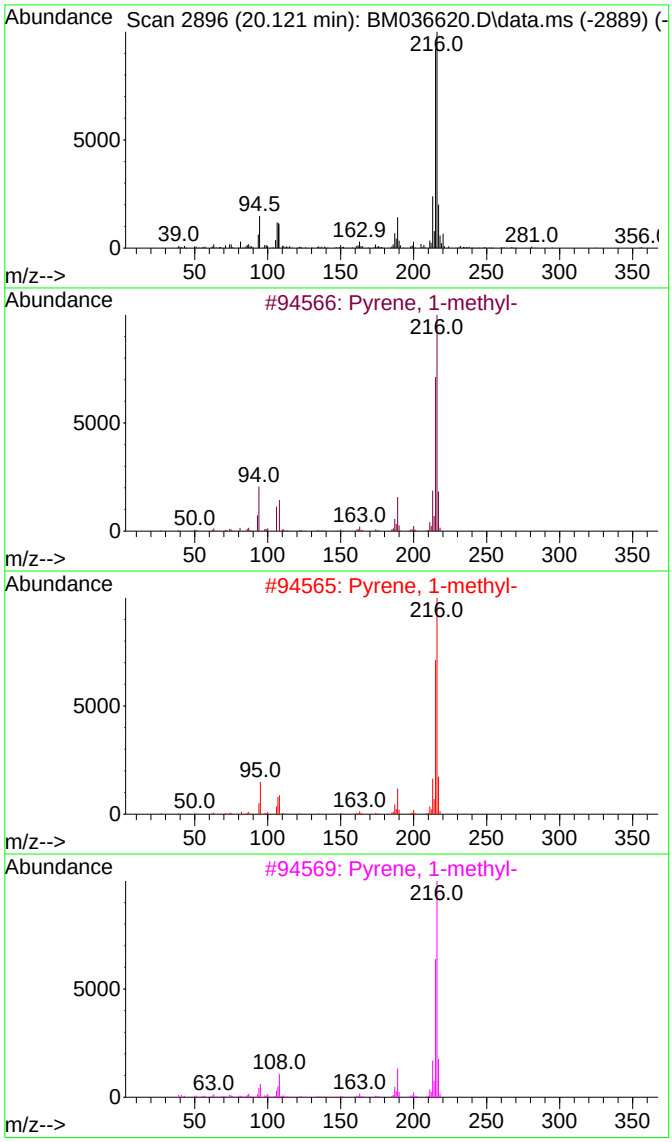
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

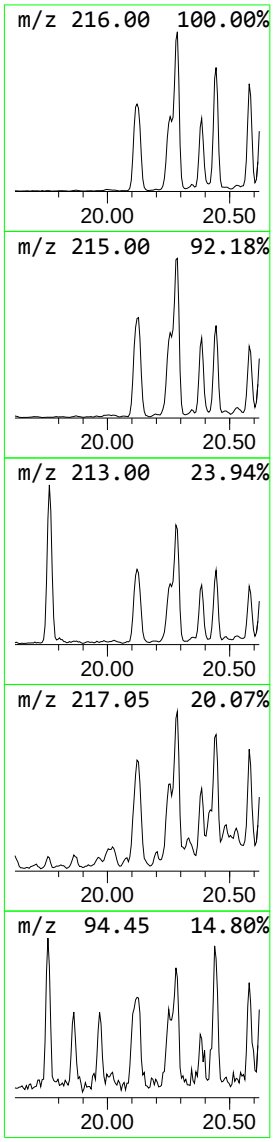
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.121	3.05 ng/ul	1507910	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

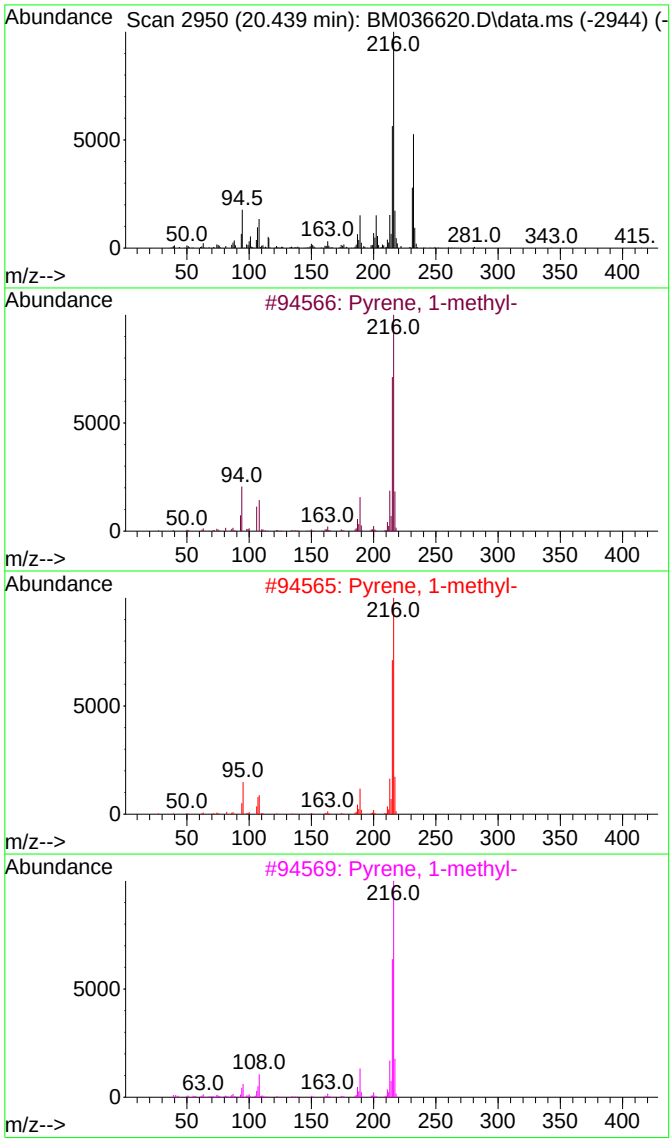
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

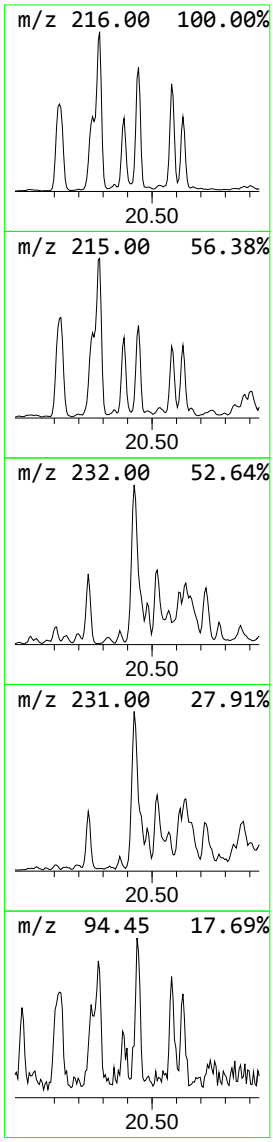
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.439	2.43 ng/ul	1202190	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

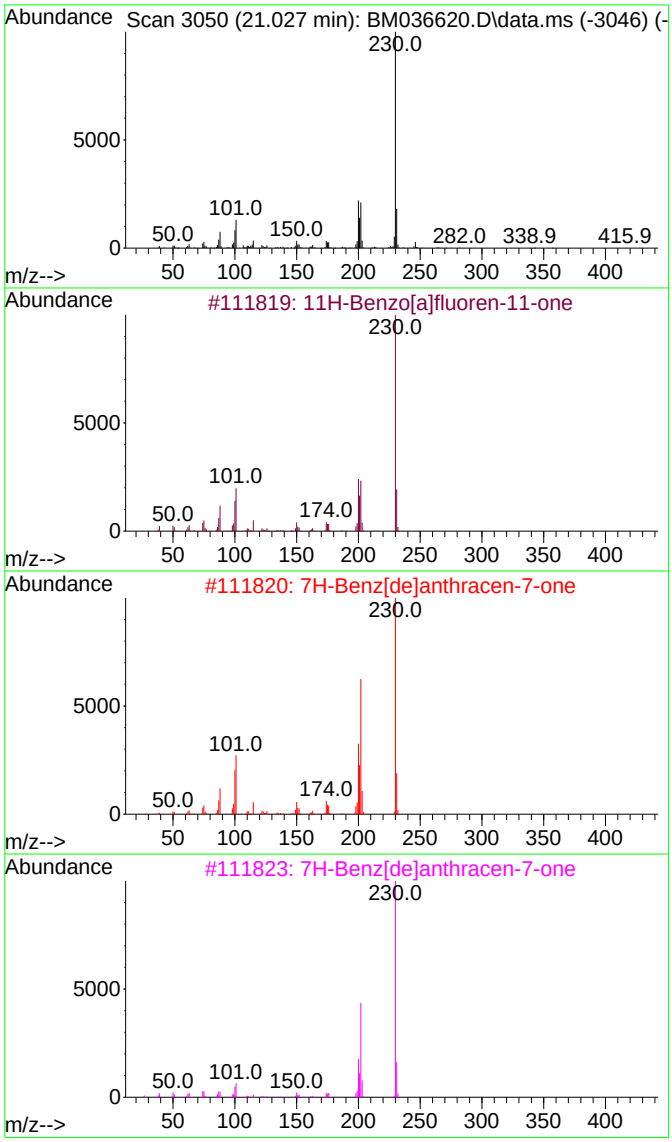
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

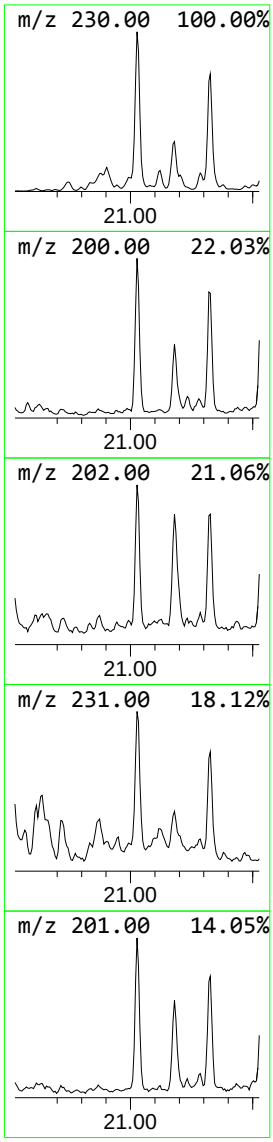
****

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	2.21 ng/ul	1093650	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

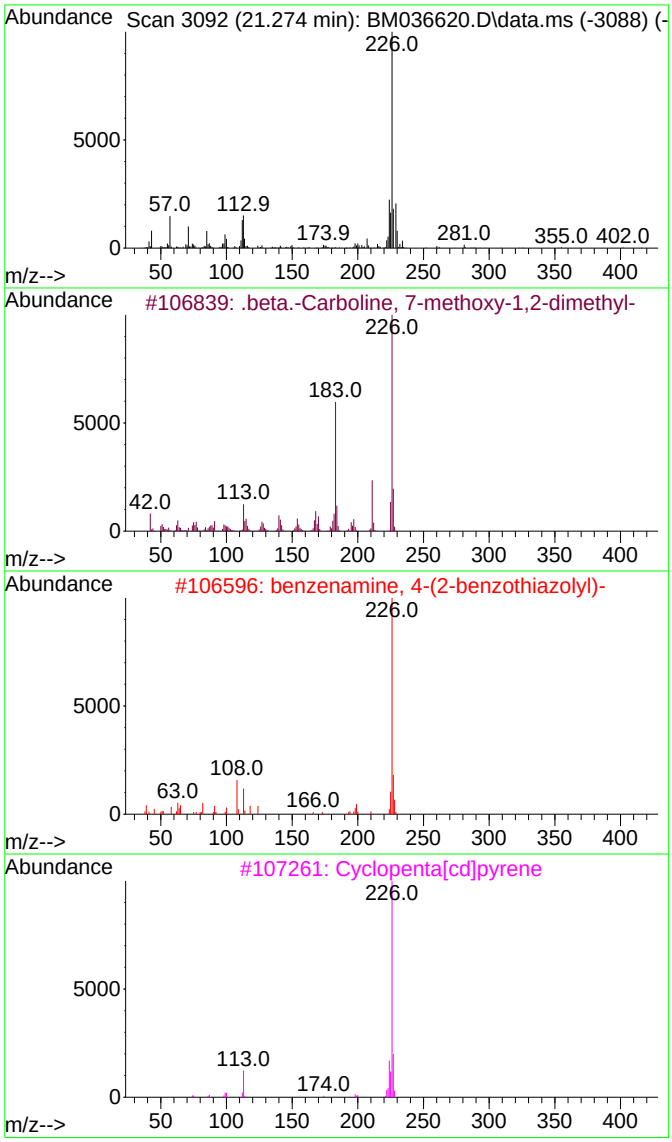
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

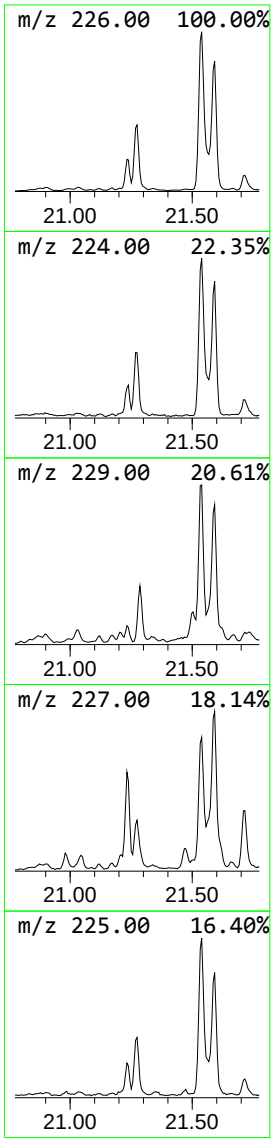
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 .beta.-Carboline, 7-methoxy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	2.22 ng/ul	1098660	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	40
5	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

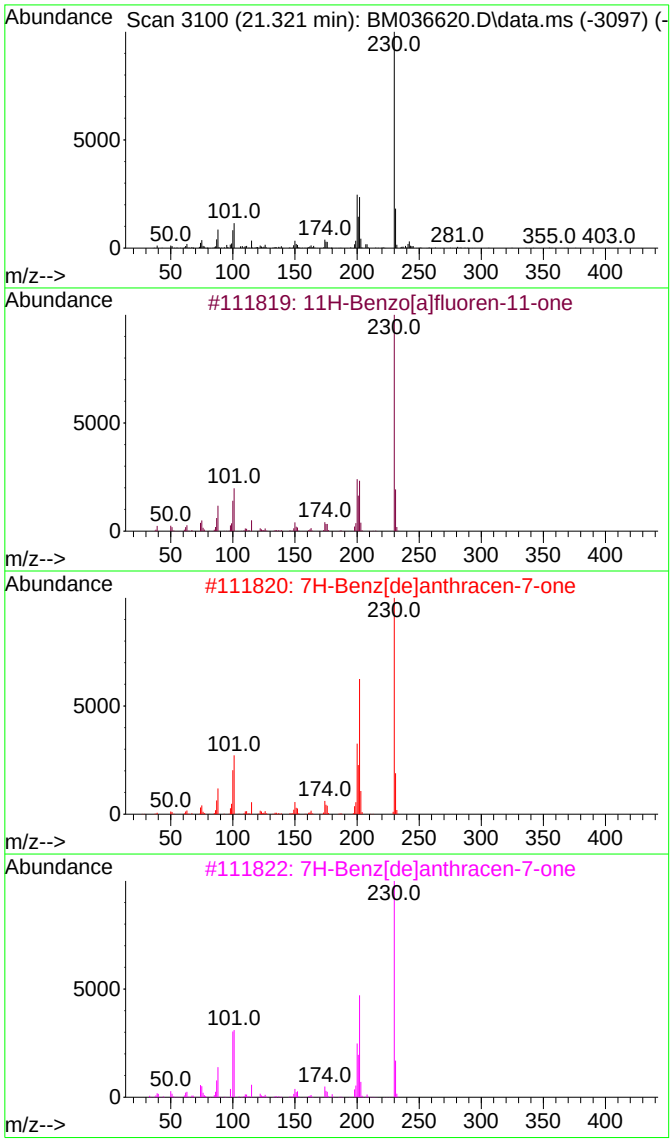
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

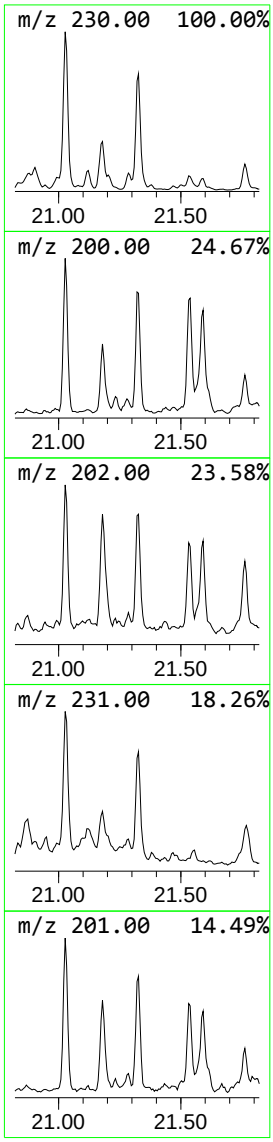
****

Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.03 ng/ul	1003420	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

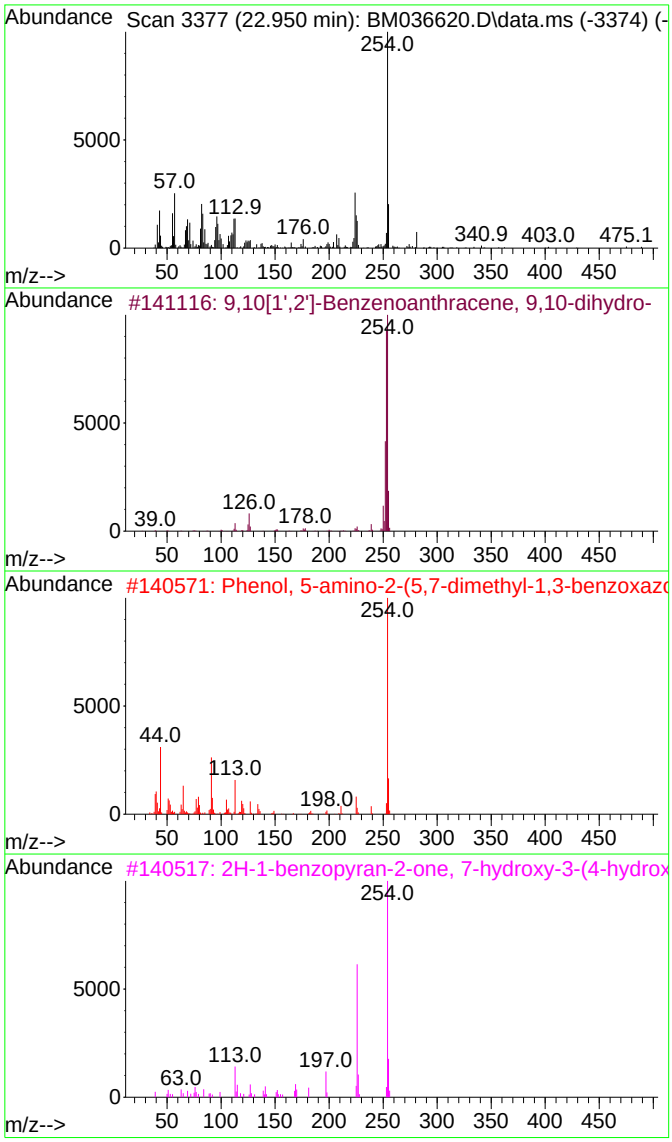
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

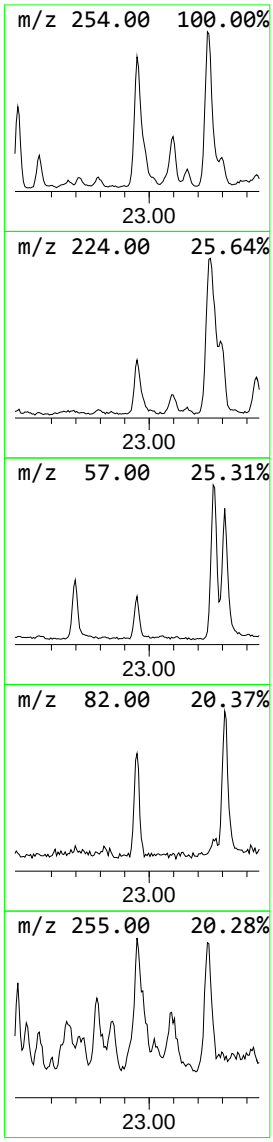
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,10[1',2']-Benzenoanthrace... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.950	4.69 ng/ul	1073280	Perylene-d12	23.997

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	53
2	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	50
3	2H-1-benzopyran-2-one, 7-hydroxy...	254	C15H10O4	1000401-42-6	50
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
5	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

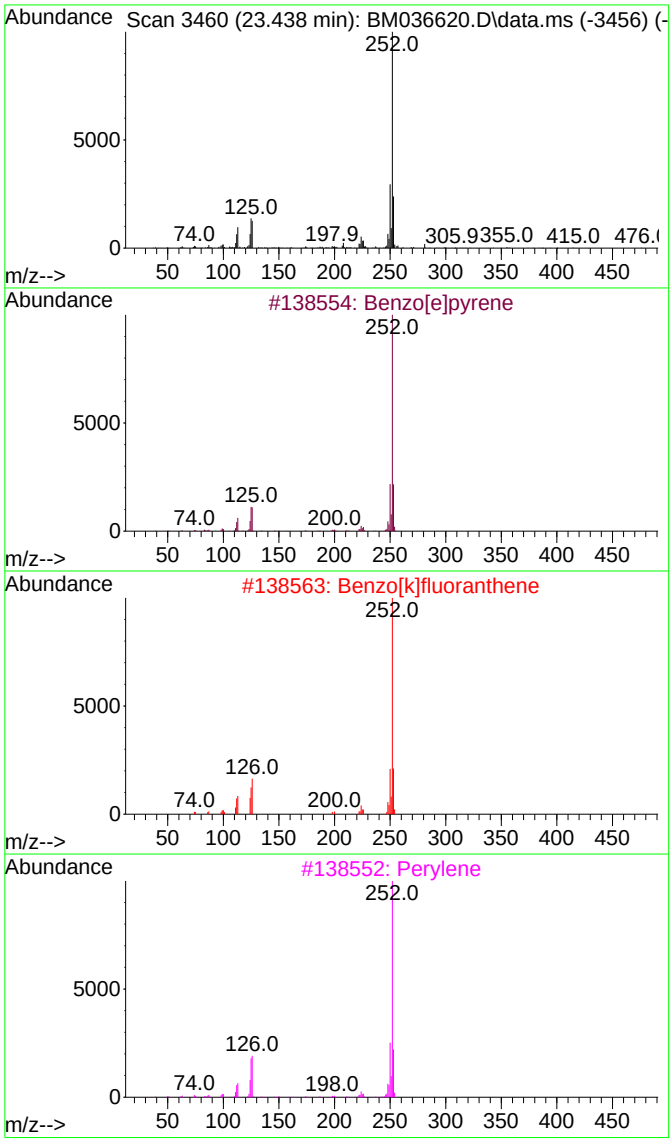
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

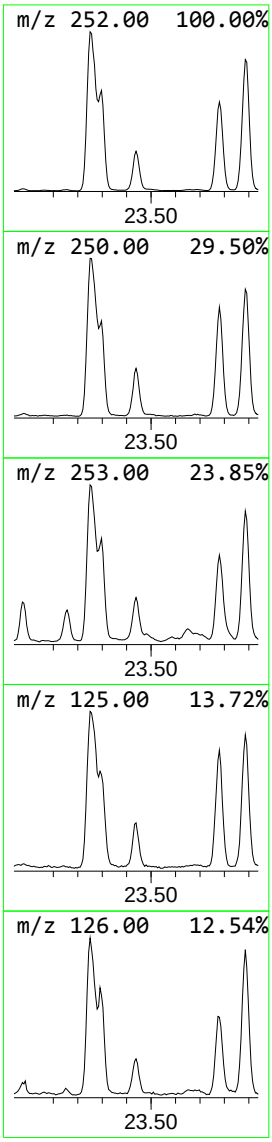
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.438	3.92 ng/ul	896978	Perylene-d12	23.997

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

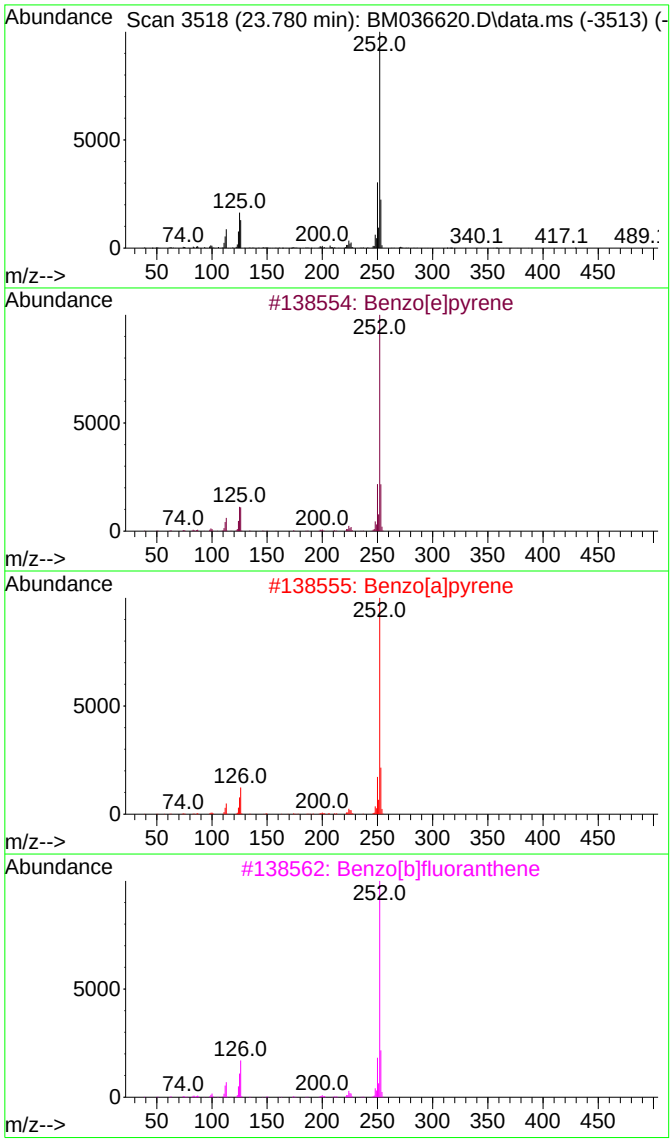
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

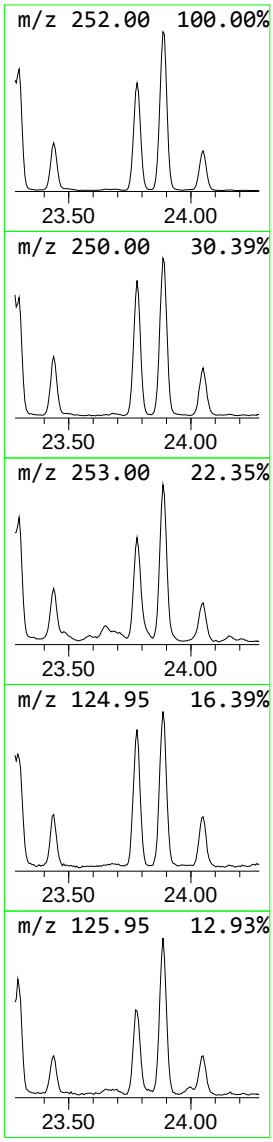
****

Peak Number 18 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.780	8.09 ng/ul	1852230	Perylene-d12	23.997

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036620.D
Acq On : 21 Sep 2022 12:11
Operator : CG/JU
Sample : N4604-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.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
Butane, 2-metho...	3.128	27.8	ng/ul	3659500	1	8.022	2634580	20.0
Ethanol, 2-(2-b...	10.610	2.5	ng/ul	476611	2	10.833	3870010	20.0
(DEL) Alkane: S...	16.374	2.4	ng/ul	554250	4	17.380	4627100	20.0
Anthracene, 1-m...	18.256	3.3	ng/ul	771898	4	17.380	4627100	20.0
Phenanthrene, 4...	18.303	3.8	ng/ul	866664	4	17.380	4627100	20.0
Benzaldehyde, 3...	18.451	4.8	ng/ul	1117120	4	17.380	4627100	20.0
Phenanthrene, 1...	18.486	2.0	ng/ul	467677	4	17.380	4627100	20.0
Phenanthrene, 2...	19.168	3.4	ng/ul	788269	4	17.380	4627100	20.0
Phenanthrene, 2...	19.227	2.9	ng/ul	668414	4	17.380	4627100	20.0
Cyclopenta(def)...	19.309	2.9	ng/ul	662062	4	17.380	4627100	20.0
Pyrene, 1-methyl-	20.121	3.0	ng/ul	1507910	5	21.550	9886770	20.0
Fluoranthene, 2...	20.439	2.4	ng/ul	1202190	5	21.550	9886770	20.0
11H-Benzo[a]flu...	21.027	2.2	ng/ul	1093650	5	21.550	9886770	20.0
.beta.-Carbolin...	21.274	2.2	ng/ul	1098660	5	21.550	9886770	20.0
7H-Benz[de]anth...	21.321	2.0	ng/ul	1003420	5	21.550	9886770	20.0
9,10[1',2']-Ben...	22.950	4.7	ng/ul	1073280	6	23.997	4580100	20.0
Benzo[e]pyrene	23.438	3.9	ng/ul	896978	6	23.997	4580100	20.0
Benzo[j]fluoran...	23.780	8.1	ng/ul	1852230	6	23.997	4580100	20.0