LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030783.D
Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX8

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030783.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.546	74	78	90	rBV	25225	55241	2.90%	0.230%
2	3.722	106	108	112	rBV	11853	19834	1.04%	0.083%
3	3.775	114	117	126	rVB2	17718	28405	1.49%	0.118%
4	3.987	149	153	161	rVB	12356	18924	0.99%	0.079%
5	5.428	393	398	406	rVB3	8538	18222	0.96%	0.076%
6	6.940	648	655	669	rVB	158098	282011	14.81%	1.176%
7	7.104	677	683	699	rBV	123854	209487	11.00%	0.874%
8	7.304	711	717	724	rBV	173533	276060	14.50%	1.152%
9	7.769	789	796	804	rBV	339657	535940	28.14%	2.236%
10	8.469	906	915	925	rBV	185485	321255	16.87%	1.340%
11	8.928	986	993	1001	rVV	142216	246326	12.94%	1.027%
12	9.645	1109	1115	1129	rBV2	107615	186927	9.82%	0.780%
13	10.181	1199	1206	1222	rBV	167153	314820	16.53%	1.313%
14	10.551	1262	1269	1275	rBV	445626	771275	40.50%	3.217%
15	10.604	1275	1278	1286	rVB	48498	75869	3.98%	0.316%
16	10.698	1286	1294	1308	rBV	122380	265593	13.95%	1.108%
17	13.574	1774	1783	1788	rBV4	7953	20076	1.05%	0.084%
18	13.722	1803	1808	1813	rBV2	13368	22354	1.17%	0.093%
19	13.810	1817	1823	1828	rVV	333988	488031	25.63%	2.036%
20	13.857	1828	1831	1840	rVV	127350	190634	10.01%	0.795%
21	13.957	1844	1848	1852	rVV2	11340	18247	0.96%	0.076%
22	14.092	1860	1871	1888	rVV	386264	622676	32.70%	2.597%
23	14.398	1915	1923	1929	rVV	693285	1006284	52.84%	4.197%
24	14.463	1929	1934	1943	rVB	89819	139999	7.35%	0.584%
25	14.616	1955	1960	1971	rBV3	39842	102965	5.41%	0.429%
26	14.798	1986	1991	2000	rBV	33659	55371	2.91%	0.231%
27	14.874	2000	2004	2010	rVB	15682	19947	1.05%	0.083%
28	15.016	2023	2028	2033	rVB4	10836	17557	0.92%	0.073%
29	15.192	2049	2058	2060	rBV3	11307	20970	1.10%	0.087%
30	15.392	2083	2092	2097	rBV	529014	754639	39.63%	3.148%
31	15.445	2097	2101	2109	rVB2	64595	97852	5.14%	0.408%
32	15.521	2109	2114	2120	rBV2	56732	99517	5.23%	0.415%
33	15.610	2125	2129	2134	rVV4	17908	34973	1.84%	0.146%
34	15.657	2134	2137	2140	rVV3	14713	21809	1.15%	0.091%
35	15.698	2140	2144	2147	rVV	14035	20275	1.06%	0.085%
36	15.739	2147	2151	2159	rVV	40196	64383	3.38%	0.269%

LSC Area Percent Report

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Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX8

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-BM062221.M
Title : SVOA CALIBRATION

37	15.892	2168	2177	2184	rVV2	28966	72509	3.81%	0.302%
38	16.121	2210	2216	2222	rVB5	13652	27840	1.46%	0.116%
39	16.451	2262	2272	2277	rBV2	34806	74734	3.92%	0.312%
40	16.498	2277	2280	2285	rVB3	13513	18095	0.95%	0.075%
41	16.598	2293	2297	2301	rVB2	16478	21503	1.13%	0.090%
42	16.674	2303	2310	2314	rBV5	26319	47209	2.48%	0.197%
43	16.715	2314	2317	2320	rVB	17187	19177	1.01%	0.080%
44	16.804	2328	2332	2337	rVB5	14941	25038	1.31%	0.104%
45	16.868	2338	2343	2351	rVV3	27540	67205	3.53%	0.280%
46	16.957	2354	2358	2370	rVB	34845	63285	3.32%	0.264%
47	17.139	2383	2389	2392	rVV	783889	1083999	56.92%	4.522%
48	17.180	2392	2396	2401	rVV	593458	849834	44.63%	3.545%
49	17.239	2401	2406	2409	rVV	505464	773870	40.64%	3.228%
50	17.268	2409	2411	2417	rVV	211527	280601	14.74%	1.170%
51	17.327	2417	2421	2427	rVV3	17074	33967	1.78%	0.142%
52	17.574	2460	2463	2470	rVV5	15267	36513	1.92%	0.152%
53	17.657	2474	2477	2484	rVV2	17064	31141	1.64%	0.130%
54	17.727	2484	2489	2497	rVV7	9598	24454	1.28%	0.102%
55	18.009	2532	2537	2542	rBV	93902	167727	8.81%	0.700%
56	18.057	2542	2545	2551	rVV	125402	183918	9.66%	0.767%
57	18.139	2555	2559	2564	rVV	76474	115633	6.07%	0.482%
58	18.209	2564	2571	2574	rVV3	167546	293984	15.44%	1.226%
59	18.245	2574	2577	2586	rVB	59652	90825	4.77%	0.379%
60	18.468	2610	2615	2618	rBV	35397	56960	2.99%	0.238%
61	18.515	2618	2623	2628	rVB	56860	87810	4.61%	0.366%
62	18.756	2660	2664	2668	rBV	27755	36237	1.90%	0.151%
63	18.809	2669	2673	2676	rVV	26103	38918	2.04%	0.162%
64	18.845	2676	2679	2683	rVB	21480	28115	1.48%	0.117%
65	18.927	2688	2693	2699	rBV2	58843	113373	5.95%	0.473%
66	18.992	2701	2704	2707	rVV	30442	45109	2.37%	0.188%
67	19.021	2707	2709	2713	rVB	29100	29861	1.57%	0.125%
68	19.068	2713	2717	2720	rBV	22441	39214	2.06%	0.164%
69	19.192	2732	2738	2745	rBV	1086641	1448506	76.07%	6.042%
70	19.251	2745	2748	2752	rVB3	22487	30785	1.62%	0.128%
71	19.292	2752	2755	2759	rBV4	21227	29113	1.53%	0.121%
72	19.345	2759	2764	2768	rVV	61776	84453	4.43%	0.352%
73	19.433	2774	2779	2789	rVB6	27596	64598	3.39%	0.269%
74	19.527	2789	2795	2797	rBV2	693711	1060928	55.71%	4.425%
75	19.551	2797	2799	2808	rVV	676464	905821	47.57%	3.778%
76	19.627	2808	2812	2820	rVB2	56377	88424	4.64%	0.369%

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Sample : M2869-05
Misc :
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Instrument : BNA_M
ClientSampleId : BGDX8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	19.733	2825	2830	2835	rVV	64969	95304	5.00%	0.398%
78	19.874	2849	2854	2862	rBV3	73271	177045	9.30%	0.738%
79	19.968	2867	2870	2873	rVV4	16897	24377	1.28%	0.102%
80	20.015	2873	2878	2879	rVV2	52125	81899	4.30%	0.342%
81	20.045	2879	2883	2891	rVB	190557	289322	15.19%	1.207%
82	20.145	2896	2900	2904	rBV	166425	226978	11.92%	0.947%
83	20.203	2904	2910	2915	rVB3	87515	147344	7.74%	0.615%
84	20.292	2921	2925	2930	rBV3	24772	49403	2.59%	0.206%
85	20.345	2930	2934	2937	rVV	38233	53935	2.83%	0.225%
86	20.392	2938	2942	2947	rVV3	42479	66356	3.48%	0.277%
87	20.515	2959	2963	2969	rBV	720038	832434	43.71%	3.472%
88	20.750	3000	3003	3007	rBV3	32359	44375	2.33%	0.185%
89	20.956	3035	3038	3041	rBV	50662	61523	3.23%	0.257%
90	20.992	3041	3044	3047	rBV	69432	91266	4.79%	0.381%
91	21.303	3090	3097	3101	rBV2	1020696	1904295	100.00%	7.943%
92	21.339	3101	3103	3113	rVB	429029	573952	30.14%	2.394%
93	21.462	3120	3124	3129	rBV	66482	112663	5.92%	0.470%
94	21.856	3188	3191	3194	rVB	84389	98852	5.19%	0.412%
95	22.880	3359	3365	3370	rBV	334491	799940	42.01%	3.337%
96	23.050	3391	3394	3401	rVB	93318	147568	7.75%	0.616%
97	23.362	3443	3447	3450	rBV	65541	113787	5.98%	0.475%
98	23.409	3450	3455	3459	rVV	278162	532634	27.97%	2.222%
99	23.456	3460	3463	3471	rVB	218388	358780	18.84%	1.497%
100	23.556	3473	3480	3486	rBV2	549631	1053815	55.34%	4.396%

Sum of corrected areas: 23973881

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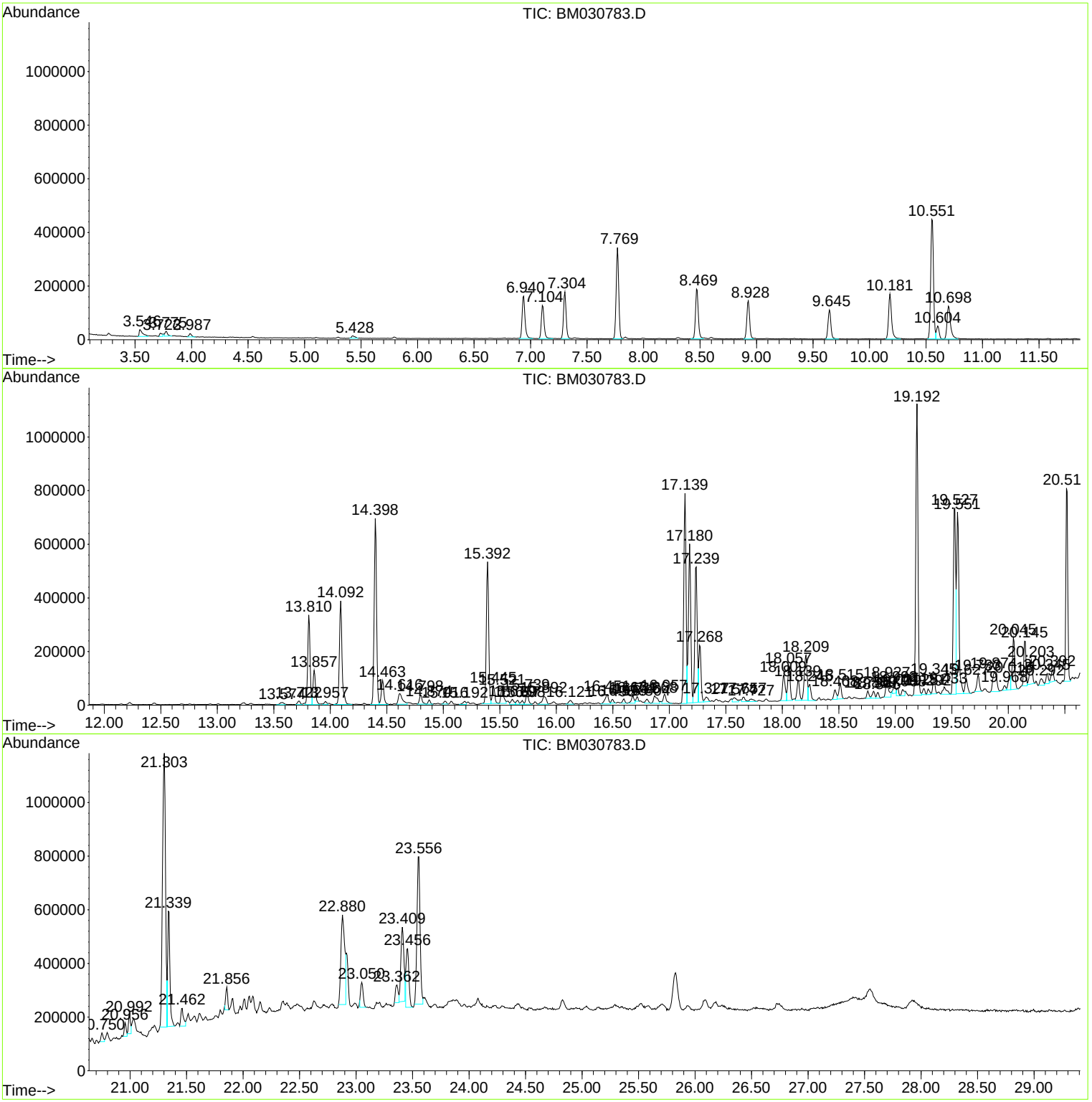
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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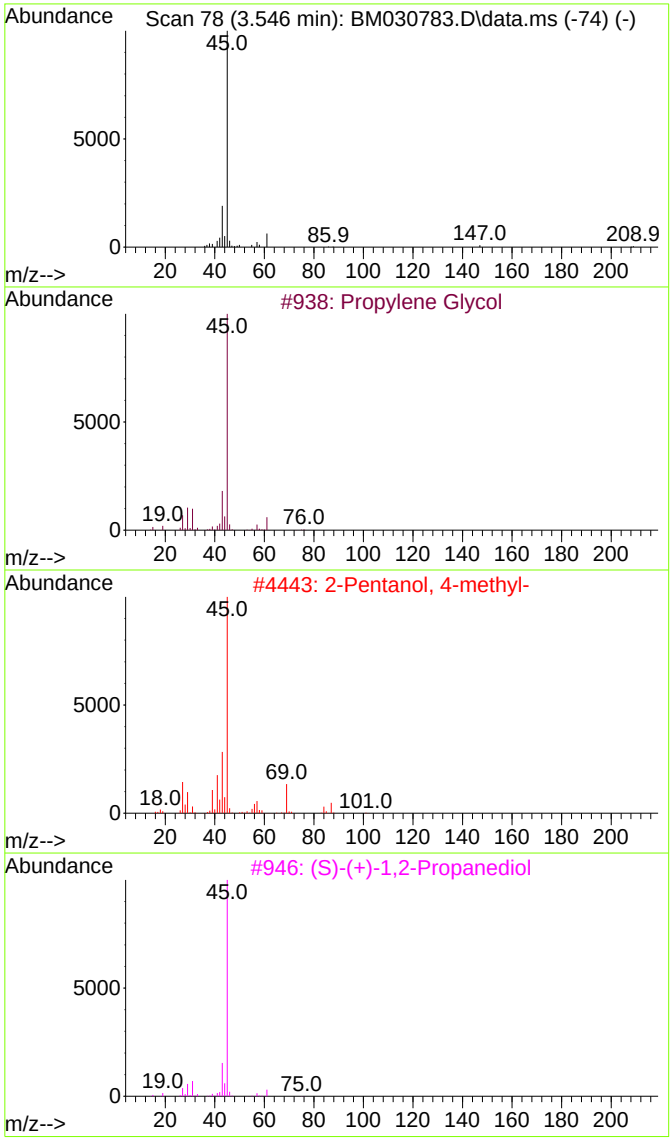
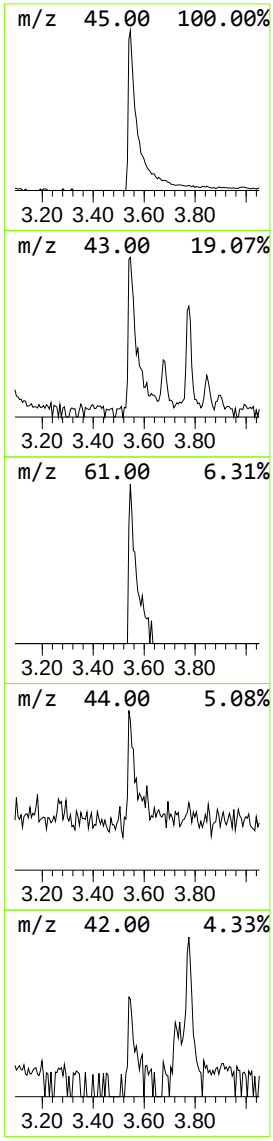
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.550	2.06 ng/ul	55241	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	43
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
4	2-Hexanol	102	C6H14O	000626-93-7	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
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TIC Library : C:\DATABASE\NIST11.L
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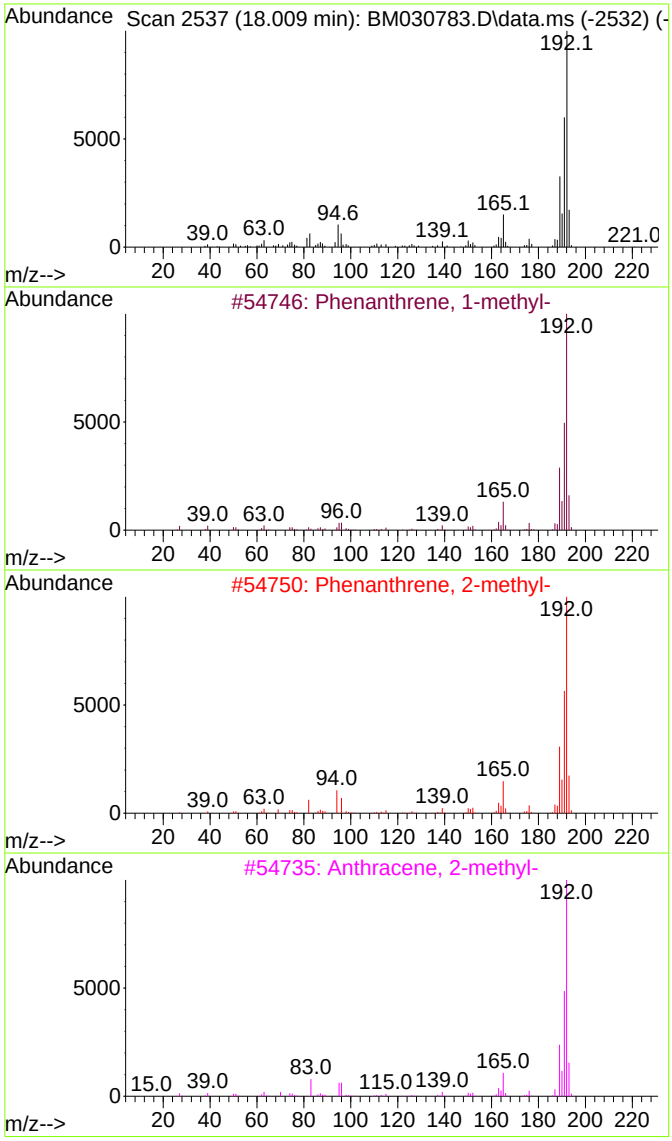
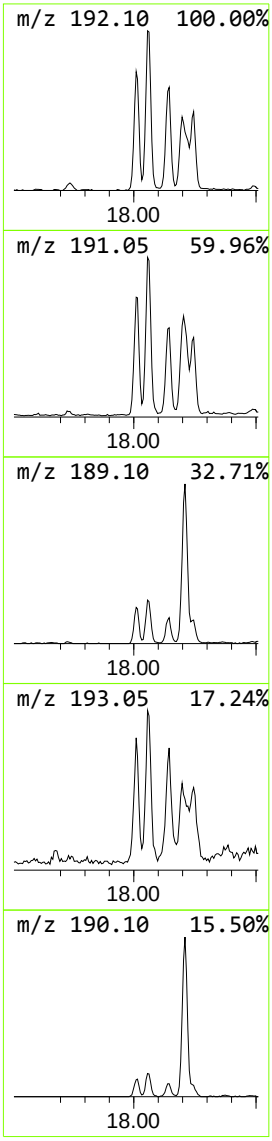
****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	3.09 ng/ul	167727	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Instrument :
BNA_M
ClientSampleId :
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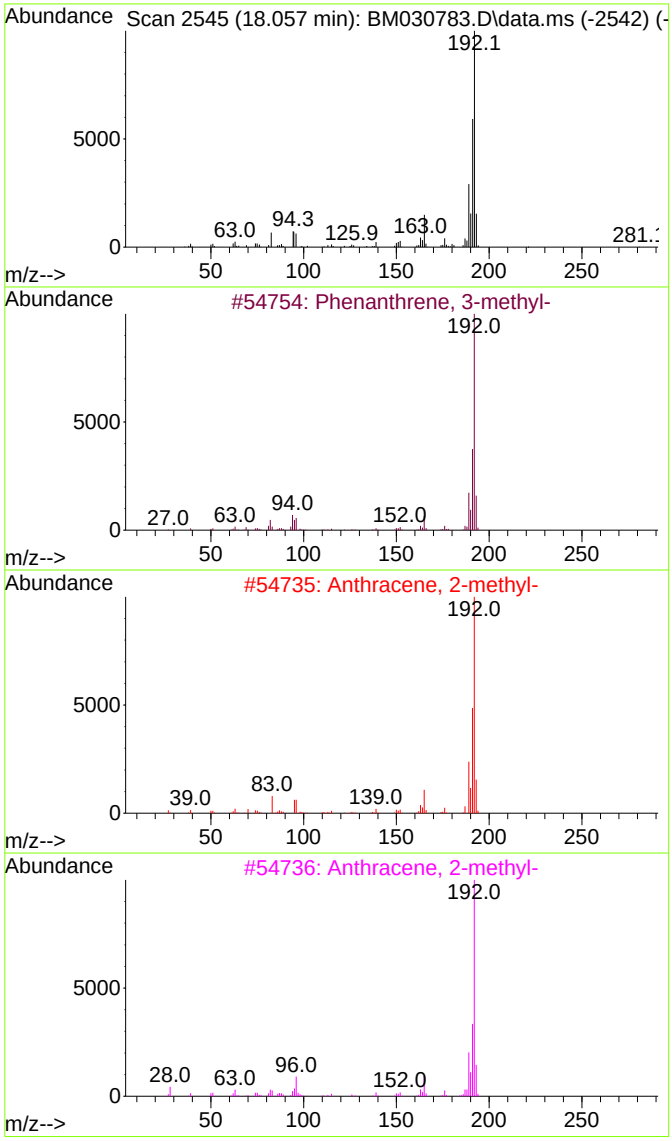
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

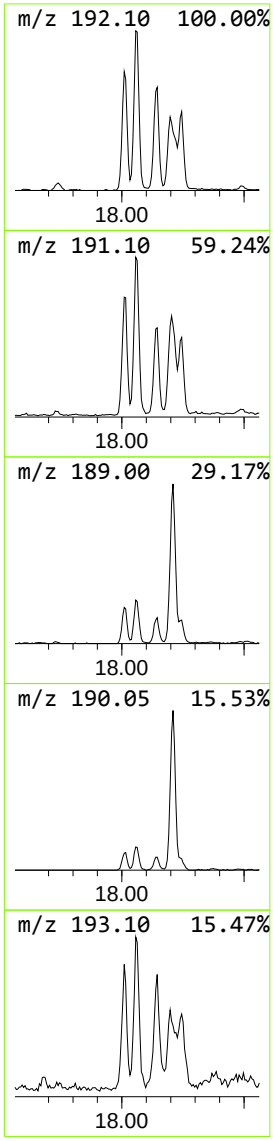
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	3.39 ng/ul	183918	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

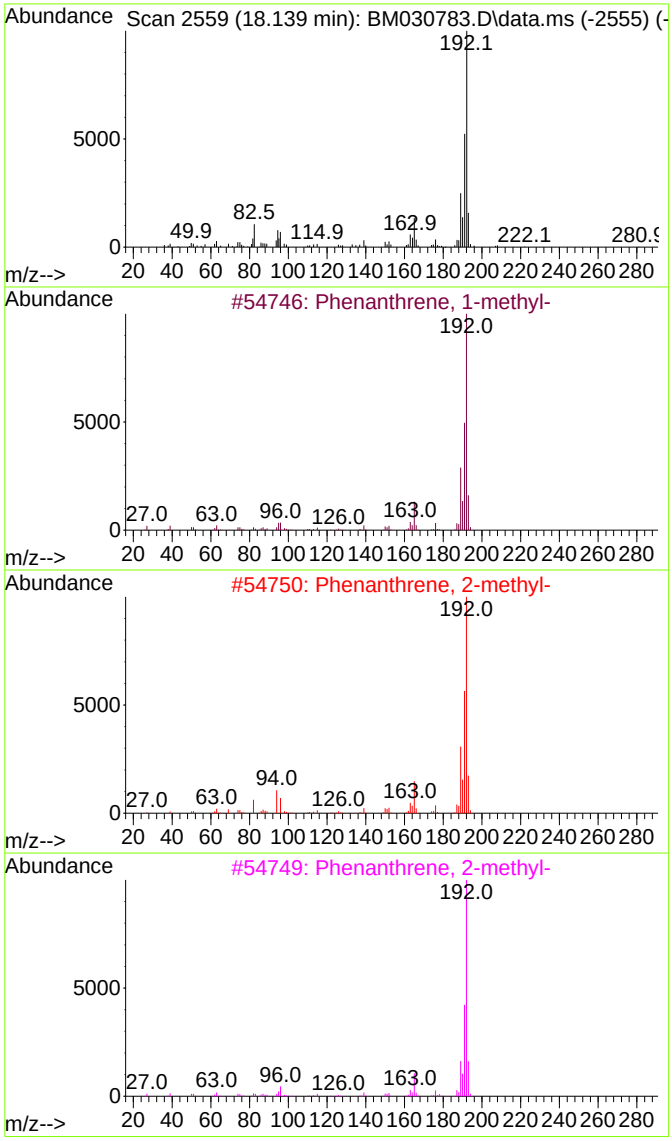
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

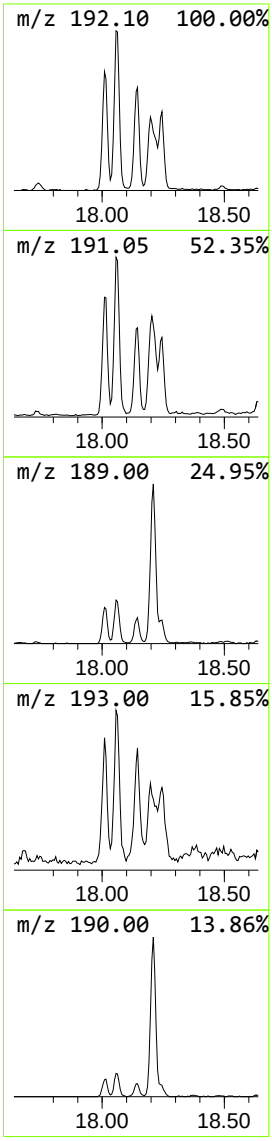
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	2.13 ng/ul	115633	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





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Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX8

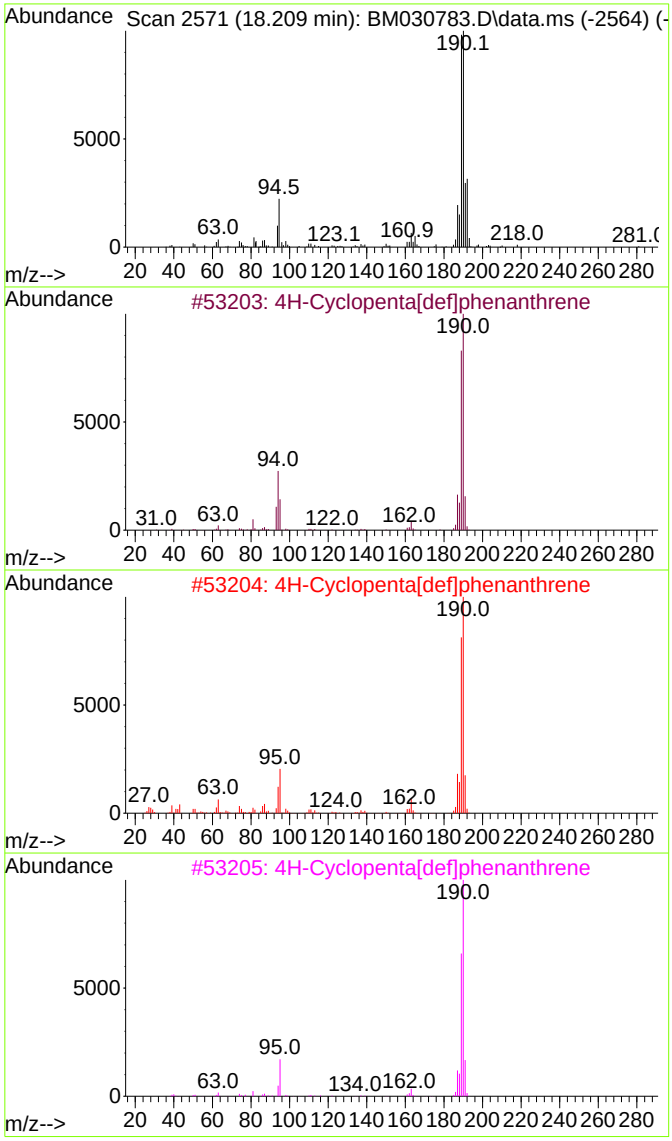
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

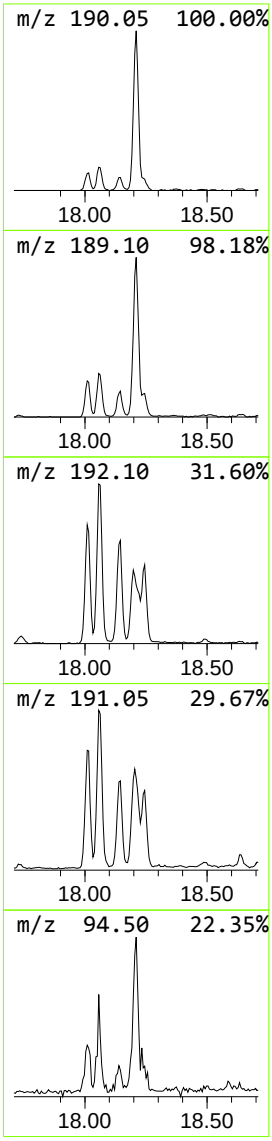
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	5.42 ng/ul	293984	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Data File : BM030783.D
Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX8

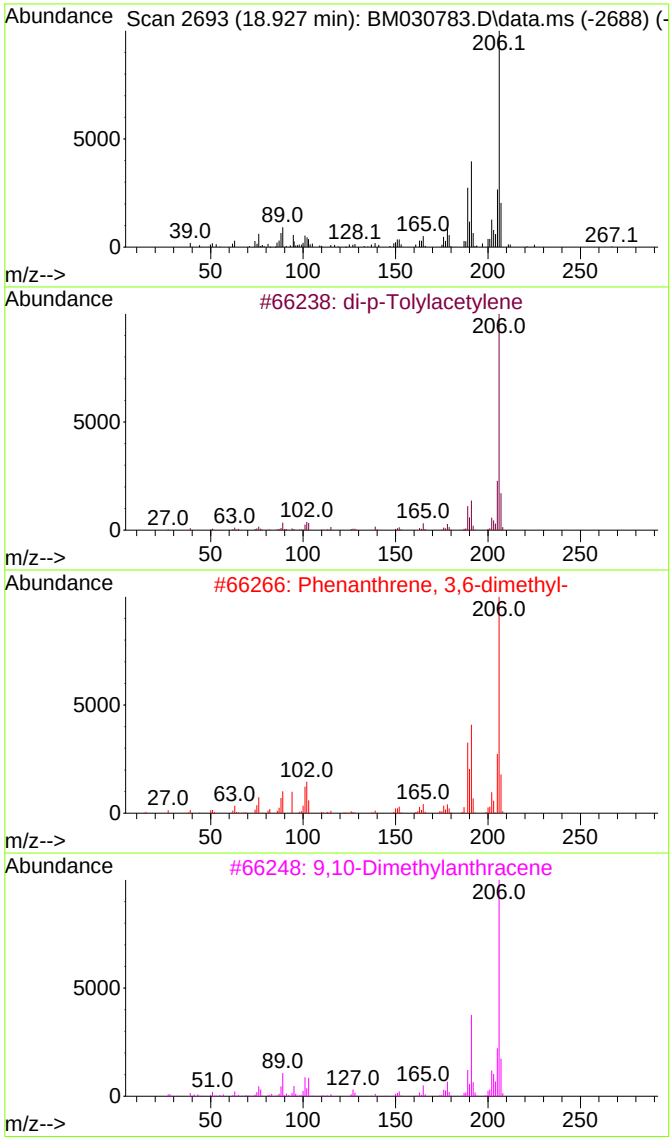
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

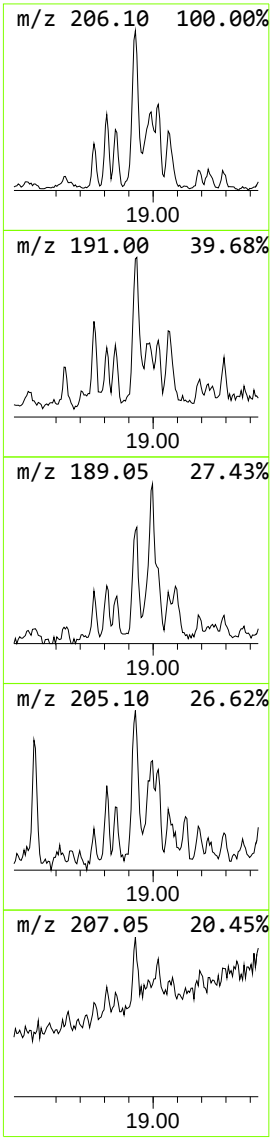
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.930	2.09 ng/ul	113373	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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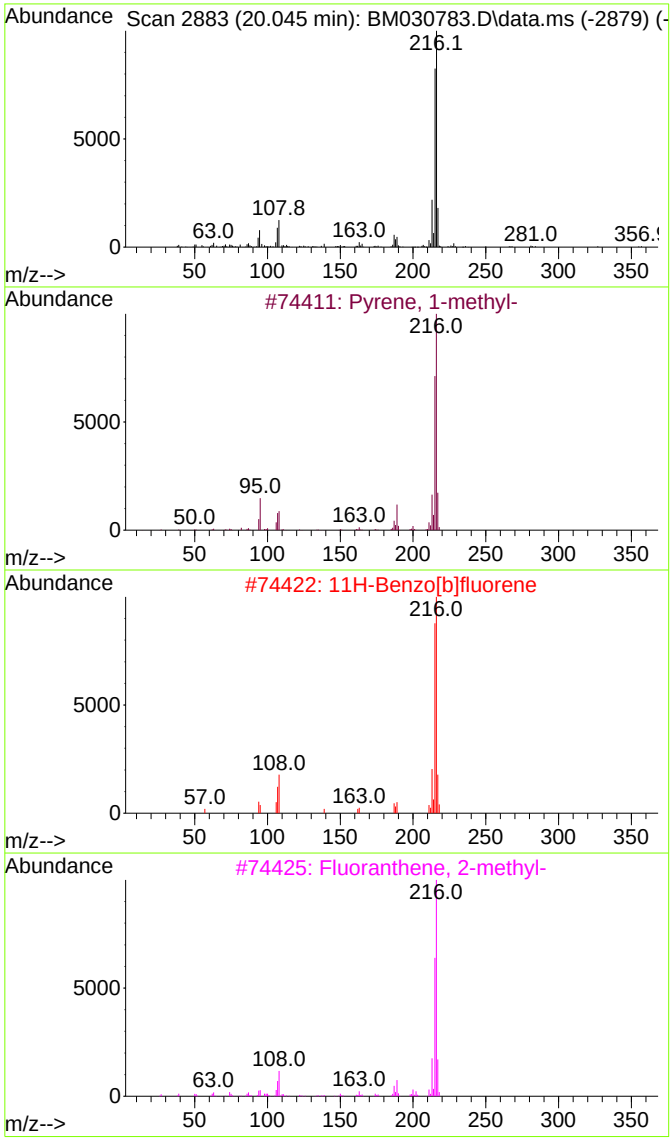
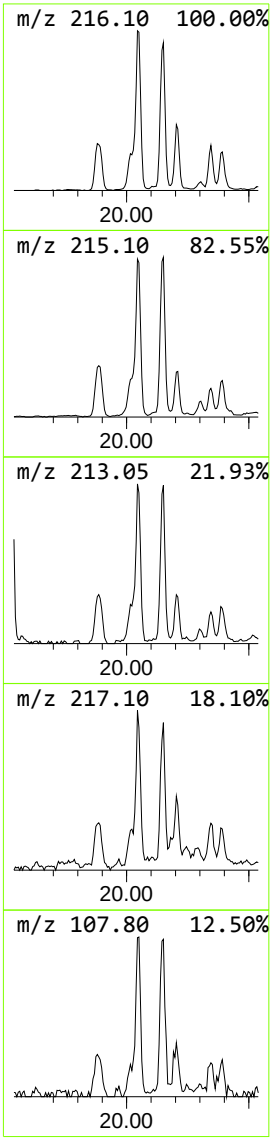
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	3.04 ng/ul	289322	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Data File : BM030783.D
Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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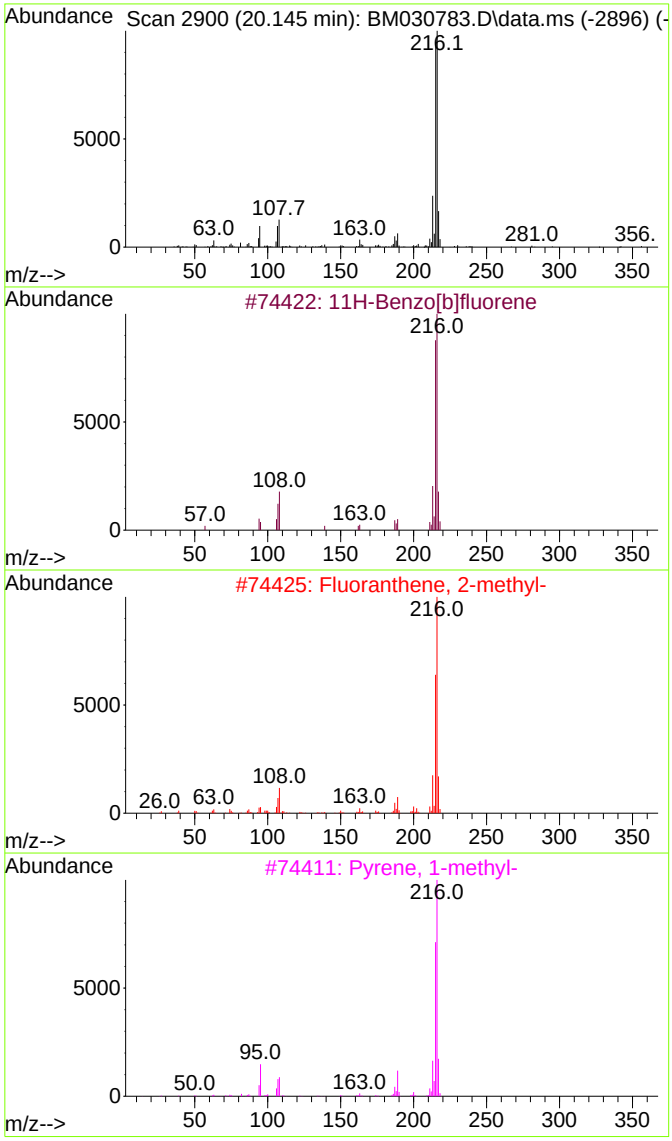
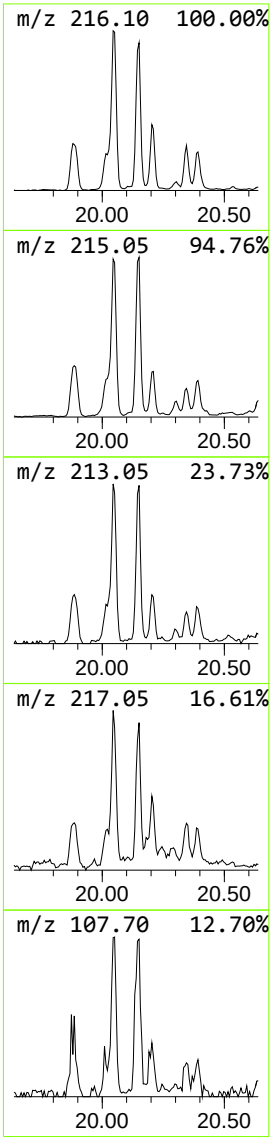
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.140	2.38 ng/ul	226978	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX8

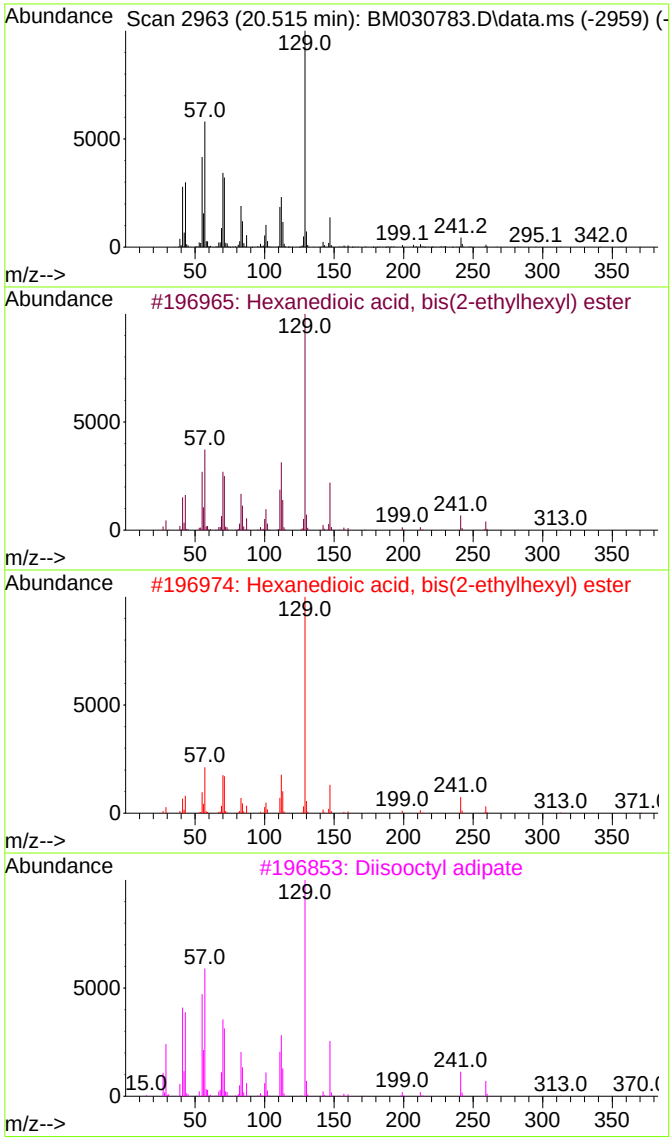
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

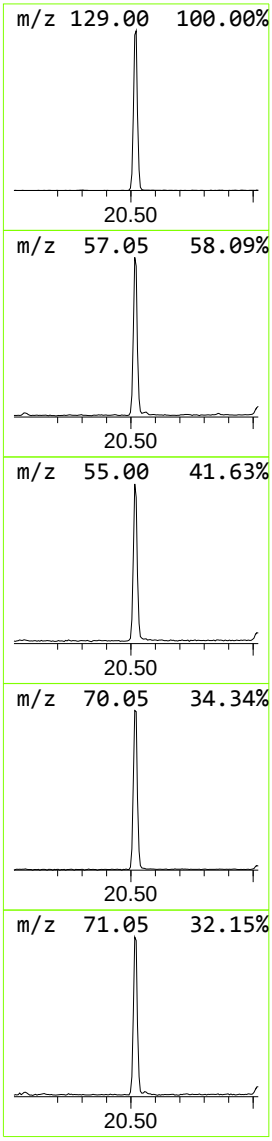
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	8.74 ng/ul	832434	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	76





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Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

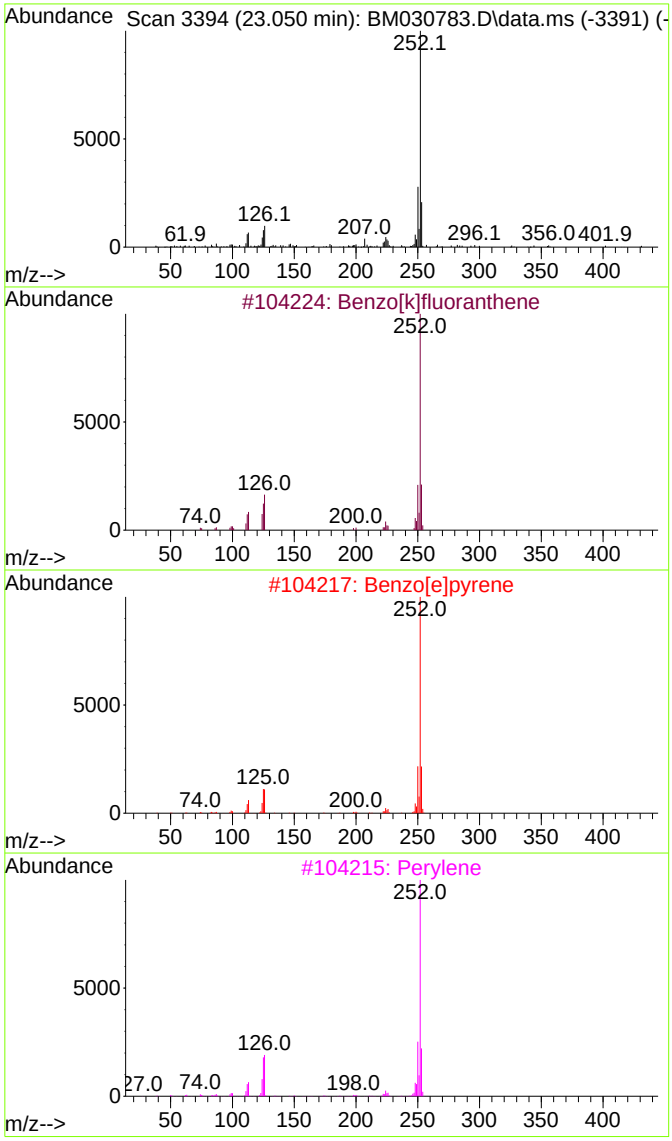
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

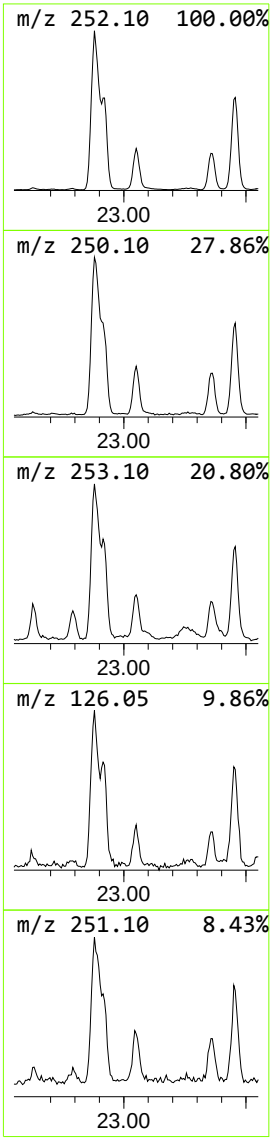
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.050	2.80 ng/ul	147568	Perylene-d12	23.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Perylene	252	C20H12	000198-55-0	89
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030783.D
Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.550	2.1	ng/ul	55241	1	7.769	535940	20.0
Phenanthrene, 1...	18.010	3.1	ng/ul	167727	4	17.139	1084000	20.0
Phenanthrene, 3...	18.060	3.4	ng/ul	183918	4	17.139	1084000	20.0
Phenanthrene, 2...	18.140	2.1	ng/ul	115633	4	17.139	1084000	20.0
4H-Cyclopenta[d...	18.210	5.4	ng/ul	293984	4	17.139	1084000	20.0
di-p-Tolylacety...	18.930	2.1	ng/ul	113373	4	17.139	1084000	20.0
Pyrene, 1-methyl-	20.040	3.0	ng/ul	289322	5	21.303	1904300	20.0
11H-Benzo[b]flu...	20.140	2.4	ng/ul	226978	5	21.303	1904300	20.0
Hexanedioic aci...	20.520	8.7	ng/ul	832434	5	21.303	1904300	20.0
Benzo[e]pyrene	23.050	2.8	ng/ul	147568	6	23.550	1053820	20.0