LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027840.D
Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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\SOM-EPA-BM111220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.105	14	20	30	rBV	75198	153000	11.59%	0.741%
2	3.193	30	35	51	rVB	570564	817757	61.94%	3.963%
3	4.081	182	186	191	rVB	8766	13033	0.99%	0.063%
4	7.457	754	760	770	rVB	150203	250087	18.94%	1.212%
5	7.640	785	791	798	rVB	109488	172889	13.09%	0.838%
6	7.852	820	827	833	rBV	150351	235434	17.83%	1.141%
7	7.910	833	837	847	rVB	8723	15500	1.17%	0.075%
8	8.334	902	909	915	rBV	168930	270424	20.48%	1.310%
9	9.034	1020	1028	1035	rBV	166845	269432	20.41%	1.306%
10	9.510	1101	1109	1117	rVB	148322	242366	18.36%	1.174%
11	10.240	1225	1233	1239	rBV	123088	204887	15.52%	0.993%
12	10.781	1318	1325	1331	rBV	182647	305705	23.15%	1.481%
13	11.169	1384	1391	1398	rBV	228668	383346	29.04%	1.858%
14	11.293	1404	1412	1420	rVB2	140669	240978	18.25%	1.168%
15	14.245	1908	1914	1918	rBV2	16326	23400	1.77%	0.113%
16	14.339	1923	1930	1935	rVV	317675	445327	33.73%	2.158%
17	14.386	1935	1938	1944	rVB	148221	190907	14.46%	0.925%
18	14.645	1976	1982	1990	rBV	342348	504692	38.23%	2.446%
19	14.951	2024	2034	2040	rBV	342200	496191	37.58%	2.404%
20	15.010	2040	2044	2050	rVB2	27133	38522	2.92%	0.187%
21	15.104	2050	2060	2067	rBV	145259	199450	15.11%	0.967%
22	15.339	2091	2100	2109	rBV	16740	24425	1.85%	0.118%
23	15.875	2184	2191	2195	rBV3	32070	48615	3.68%	0.236%
24	15.928	2195	2200	2205	rVV	430867	598491	45.33%	2.900%
25	15.980	2205	2209	2212	rVV	26681	38510	2.92%	0.187%
26	16.028	2212	2217	2223	rVV	143070	196215	14.86%	0.951%
27	16.416	2279	2283	2290	rVB2	7266	13499	1.02%	0.065%
28	16.633	2317	2320	2326	rVB4	15791	20699	1.57%	0.100%
29	16.698	2326	2331	2335	rBV	8731	11017	0.83%	0.053%
30	16.892	2360	2364	2369	rBV	9787	12432	0.94%	0.060%
31	17.316	2431	2436	2444	rVB	18547	25982	1.97%	0.126%
32	17.392	2444	2449	2452	rBV4	9891	14914	1.13%	0.072%
33	17.486	2460	2465	2468	rBV	21803	26132	1.98%	0.127%
34	17.522	2468	2471	2478	rVB3	13989	15811	1.20%	0.077%

LSC Area Percent Report

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Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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\SOM-EPA-BM111220MA.M
Title : SVOA CALIBRATION

35	17.663	2489	2495	2499	rBV	395250	589835	44.67%	2.858%
36	17.710	2499	2503	2507	rVV	505182	690254	52.28%	3.345%
37	17.763	2507	2512	2516	rVV	471059	663195	50.23%	3.214%
38	17.798	2516	2518	2522	rVV	62569	63385	4.80%	0.307%
39	17.851	2523	2527	2531	rVB	11593	15550	1.18%	0.075%
40	18.051	2556	2561	2566	rBV	38684	55026	4.17%	0.267%
41	18.233	2588	2592	2599	rBV7	10976	19178	1.45%	0.093%
42	18.392	2613	2619	2624	rBV7	11750	21957	1.66%	0.106%
43	18.516	2634	2640	2646	rBV2	155614	254502	19.28%	1.233%
44	18.574	2646	2650	2659	rVB2	74530	106567	8.07%	0.516%
45	18.651	2659	2663	2668	rVB2	13617	20556	1.56%	0.100%
46	18.721	2668	2675	2678	rBV2	76235	134997	10.22%	0.654%
47	18.751	2678	2680	2685	rVB	33799	41531	3.15%	0.201%
48	18.804	2685	2689	2694	rBV3	10865	18689	1.42%	0.091%
49	18.863	2694	2699	2702	rBV6	8335	14236	1.08%	0.069%
50	19.010	2720	2724	2727	rBV2	59630	82232	6.23%	0.398%
51	19.051	2727	2731	2737	rVB	96182	129114	9.78%	0.626%
52	19.216	2756	2759	2762	rBV4	9815	11691	0.89%	0.057%
53	19.251	2762	2765	2766	rVV3	16282	16035	1.21%	0.078%
54	19.280	2766	2770	2777	rVB	85430	118749	8.99%	0.575%
55	19.363	2777	2784	2788	rVB2	19506	37037	2.81%	0.179%
56	19.421	2789	2794	2800	rBV4	46325	88231	6.68%	0.428%
57	19.510	2807	2809	2813	rVB	13633	13912	1.05%	0.067%
58	19.563	2813	2818	2825	rBV3	38658	73911	5.60%	0.358%
59	19.686	2833	2839	2844	rVV	999506	1320284	100.00%	6.398%
60	19.757	2844	2851	2858	rVB5	42465	87758	6.65%	0.425%
61	19.868	2865	2870	2872	rBV4	19555	29339	2.22%	0.142%
62	19.904	2872	2876	2877	rVV2	18065	22747	1.72%	0.110%
63	19.921	2877	2879	2883	rVB2	20233	26632	2.02%	0.129%
64	20.015	2888	2895	2897	rVV2	636992	1026262	77.73%	4.973%
65	20.045	2897	2900	2906	rVV	739371	931216	70.53%	4.513%
66	20.104	2906	2910	2915	rVB	42265	55494	4.20%	0.269%
67	20.210	2924	2928	2934	rVB	49969	69557	5.27%	0.337%
68	20.274	2936	2939	2945	rVB	23629	30966	2.35%	0.150%
69	20.363	2946	2954	2958	rBV3	56320	136056	10.31%	0.659%
70	20.404	2958	2961	2964	rBV2	10371	12676	0.96%	0.061%
71	20.521	2970	2981	2986	rBV	110330	247000	18.71%	1.197%

LSC Area Percent Report

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Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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\SOM-EPA-BM111220MA.M
Title : SVOA CALIBRATION

72	20.615	2990	2997	3001	rBV	76248	114622	8.68%	0.555%
73	20.680	3001	3008	3011	rVV2	53745	99316	7.52%	0.481%
74	20.710	3011	3013	3016	rVB	30777	35459	2.69%	0.172%
75	20.815	3027	3031	3035	rBV2	82477	115902	8.78%	0.562%
76	20.857	3036	3038	3041	rVB2	31648	34091	2.58%	0.165%
77	20.951	3050	3054	3057	rBV	67965	78478	5.94%	0.380%
78	21.062	3069	3073	3075	rBV4	20050	28862	2.19%	0.140%
79	21.204	3094	3097	3100	rBV	40677	48650	3.68%	0.236%
80	21.251	3101	3105	3109	rVB	62829	85646	6.49%	0.415%
81	21.415	3126	3133	3135	rBV3	91388	174448	13.21%	0.845%
82	21.445	3135	3138	3143	rVV2	335411	424361	32.14%	2.056%
83	21.498	3143	3147	3149	rVV2	70321	103199	7.82%	0.500%
84	21.539	3151	3154	3165	rVB2	86852	124941	9.46%	0.605%
85	21.645	3169	3172	3176	rVB2	56823	71506	5.42%	0.347%
86	21.757	3185	3191	3196	rBV2	493380	1090798	82.62%	5.286%
87	21.804	3196	3199	3208	rVB	392207	528674	40.04%	2.562%
88	21.933	3217	3221	3226	rBV	63487	86011	6.51%	0.417%
89	22.092	3243	3248	3253	rVB4	57136	101782	7.71%	0.493%
90	22.368	3288	3295	3299	rBV2	164419	279778	21.19%	1.356%
91	22.845	3373	3376	3381	rBV3	49030	71730	5.43%	0.348%
92	23.398	3467	3470	3474	rVB	57862	73735	5.58%	0.357%
93	23.451	3474	3479	3485	rBV2	310707	682748	51.71%	3.309%
94	23.980	3564	3569	3573	rBV	126607	246004	18.63%	1.192%
95	24.033	3573	3578	3583	rVV	253730	518835	39.30%	2.514%
96	24.086	3583	3587	3594	rVB	186036	342343	25.93%	1.659%
97	24.192	3599	3605	3611	rBV	176950	356607	27.01%	1.728%
98	25.203	3773	3777	3786	rVB7	65820	132806	10.06%	0.644%
99	26.692	4024	4030	4040	rVB	133561	390957	29.61%	1.895%
100	27.586	4175	4182	4193	rVB3	127266	397368	30.10%	1.926%

Sum of corrected areas: 20636083

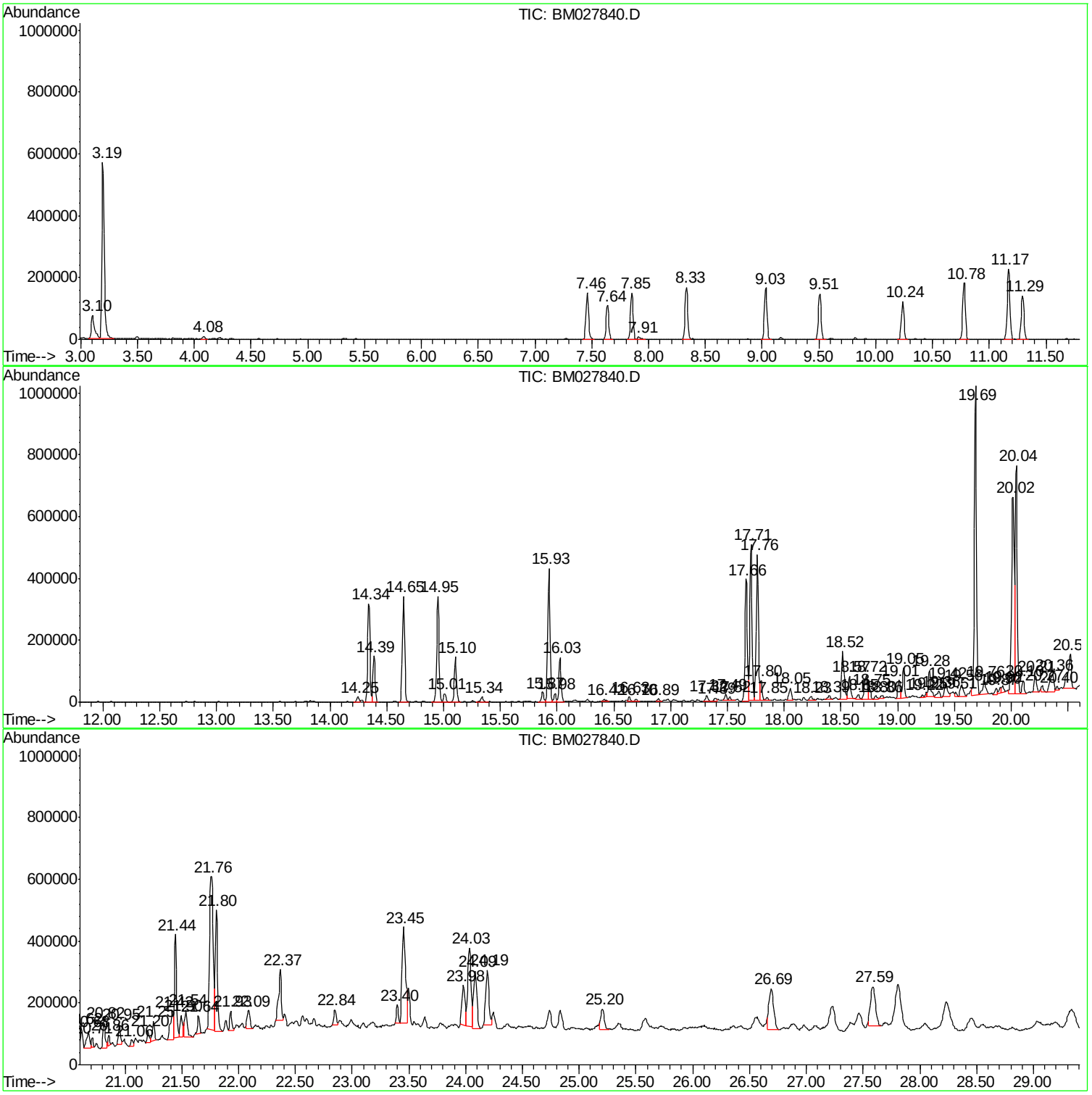
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027840.D
Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

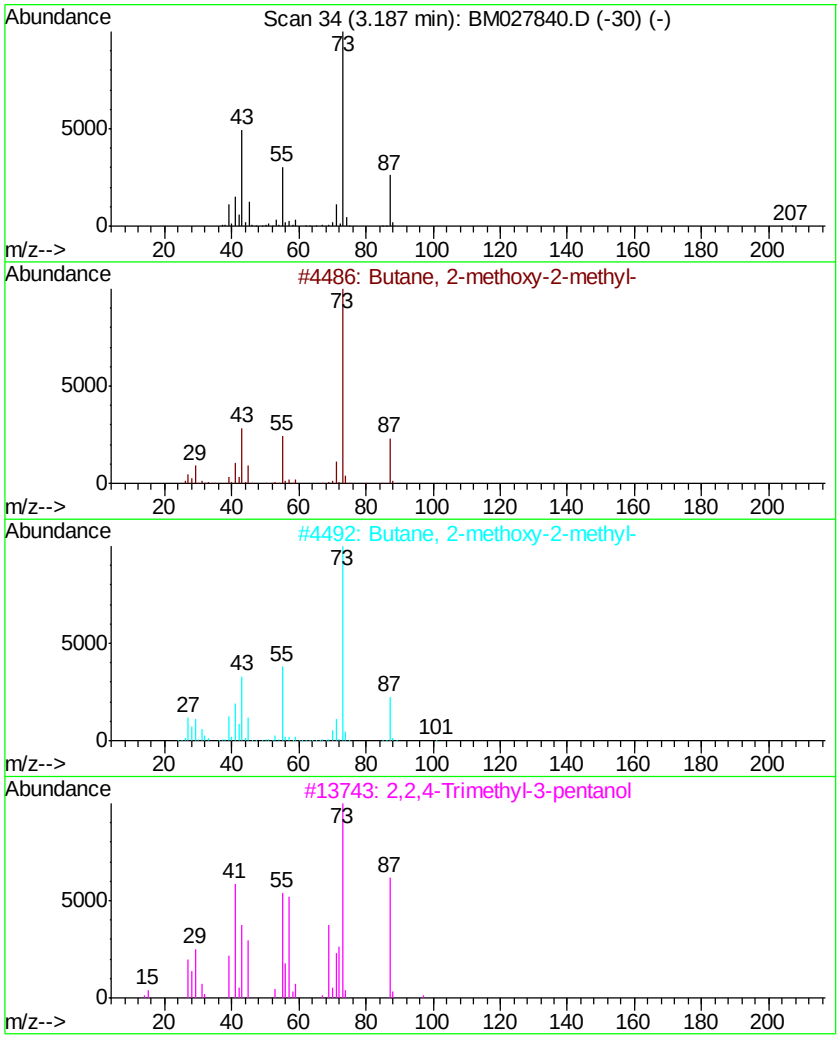
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

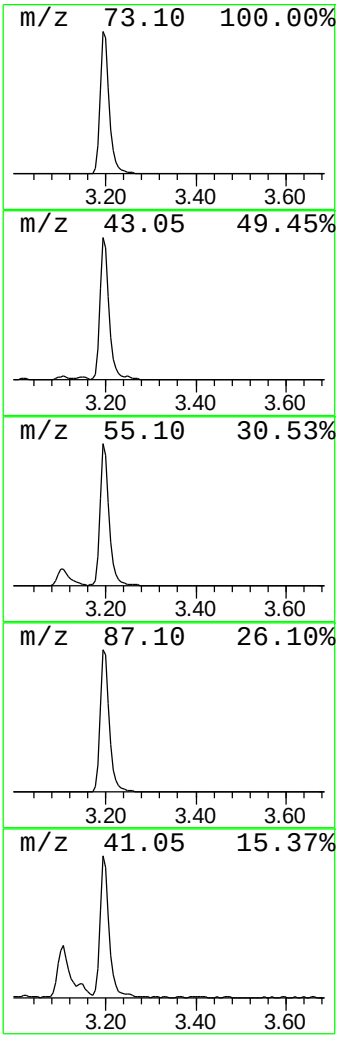
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	60.48 ng/ul	817757	1,4-Dichlorobenzene-d4	8.33

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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027840.D
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Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

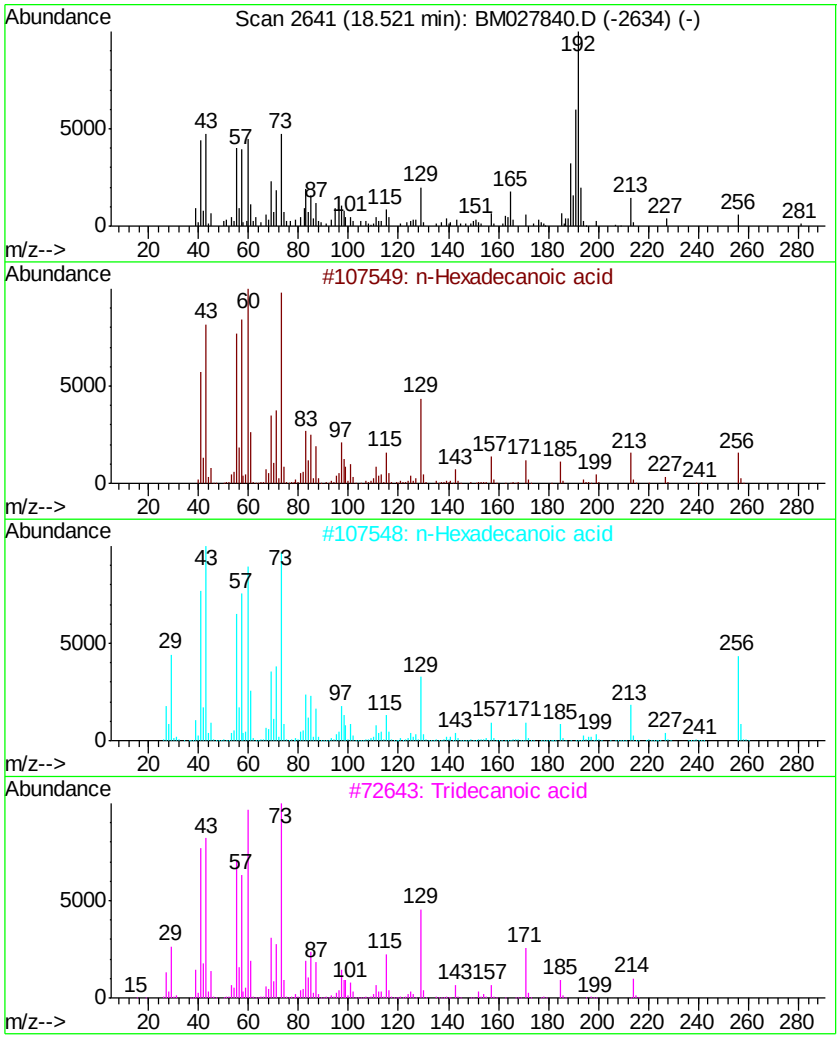
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

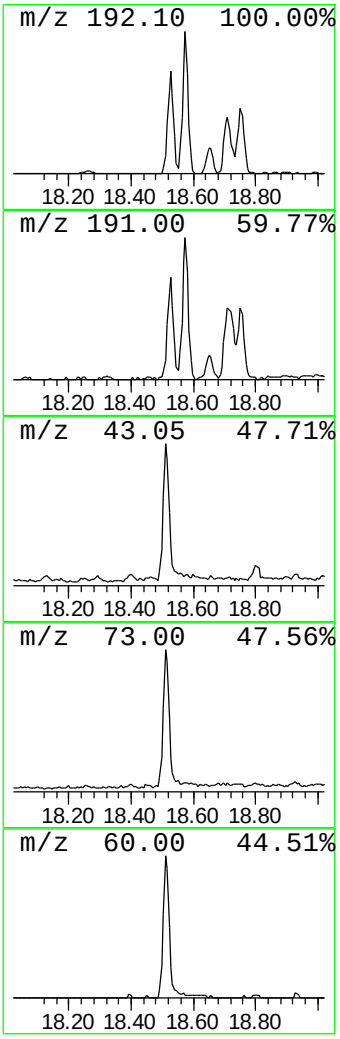
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	8.63 ng/ul	254502	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

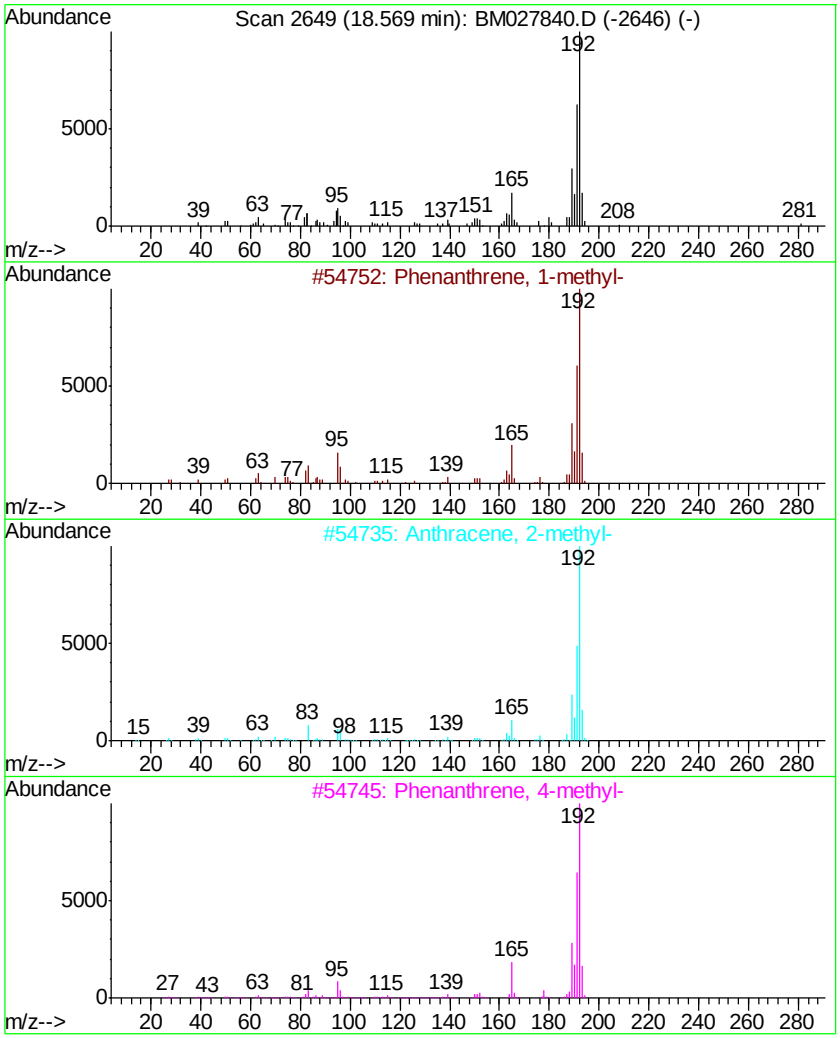
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

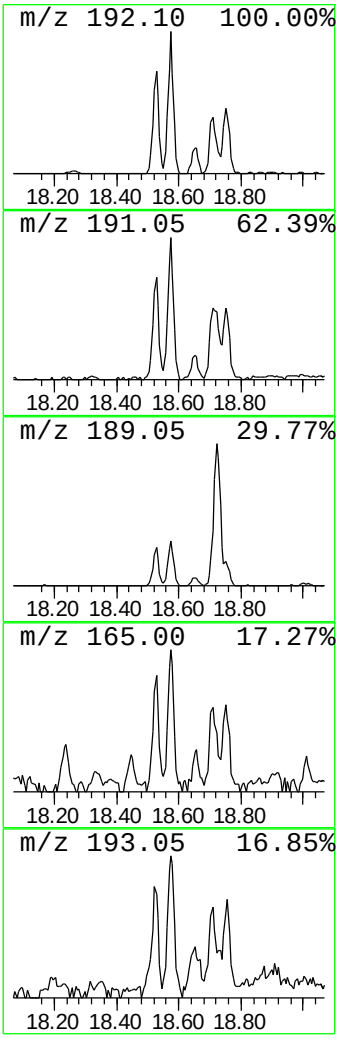
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.61 ng/ul	106567	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

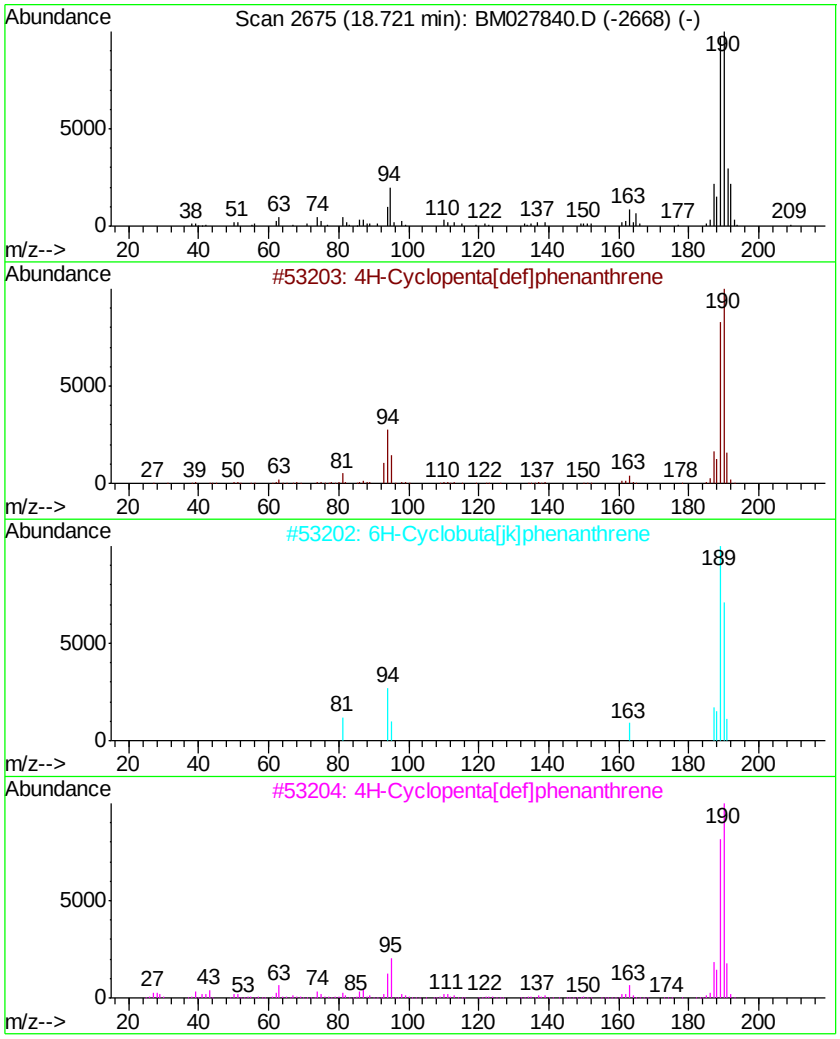
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

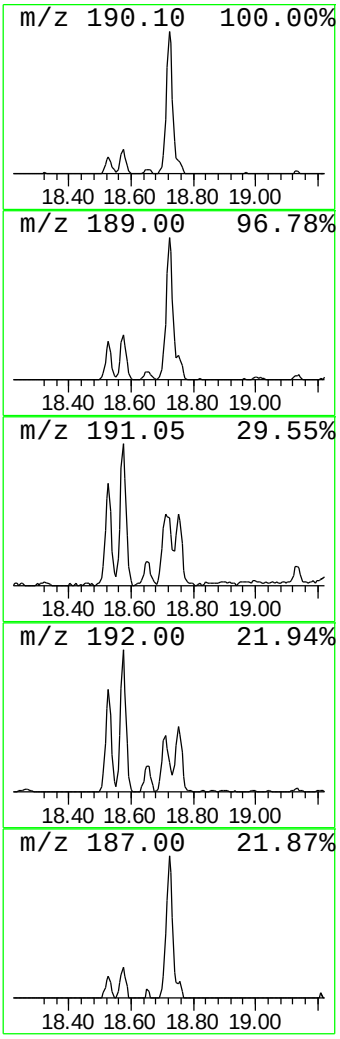
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	4.58 ng/ul	134997	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





Library Search Compound Report

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Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

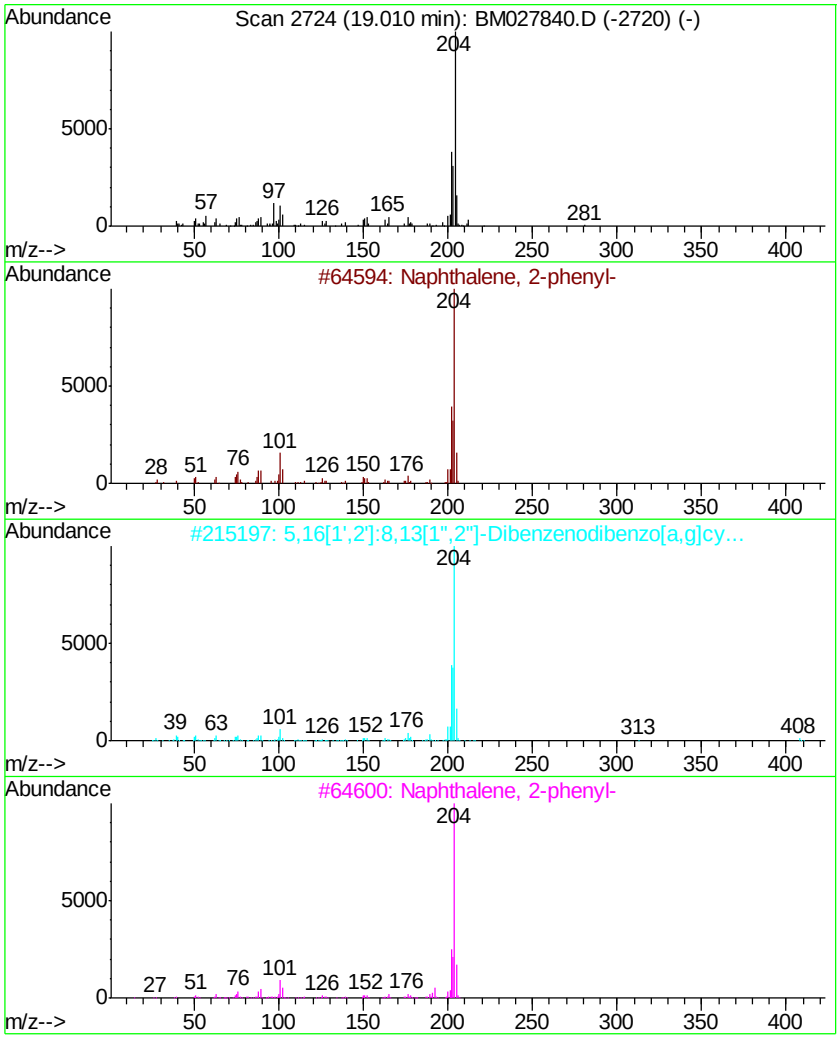
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

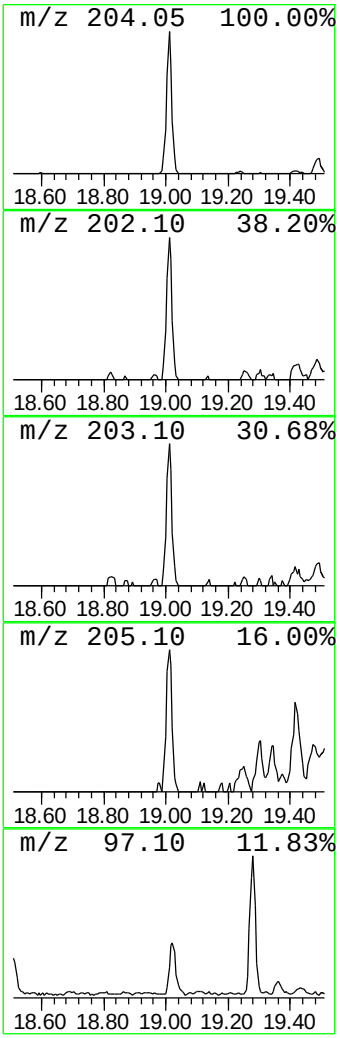
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.79 ng/ul	82232	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70





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Operator : JU/CG
Sample : L4710-03
Misc :
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Instrument : BNA_M
ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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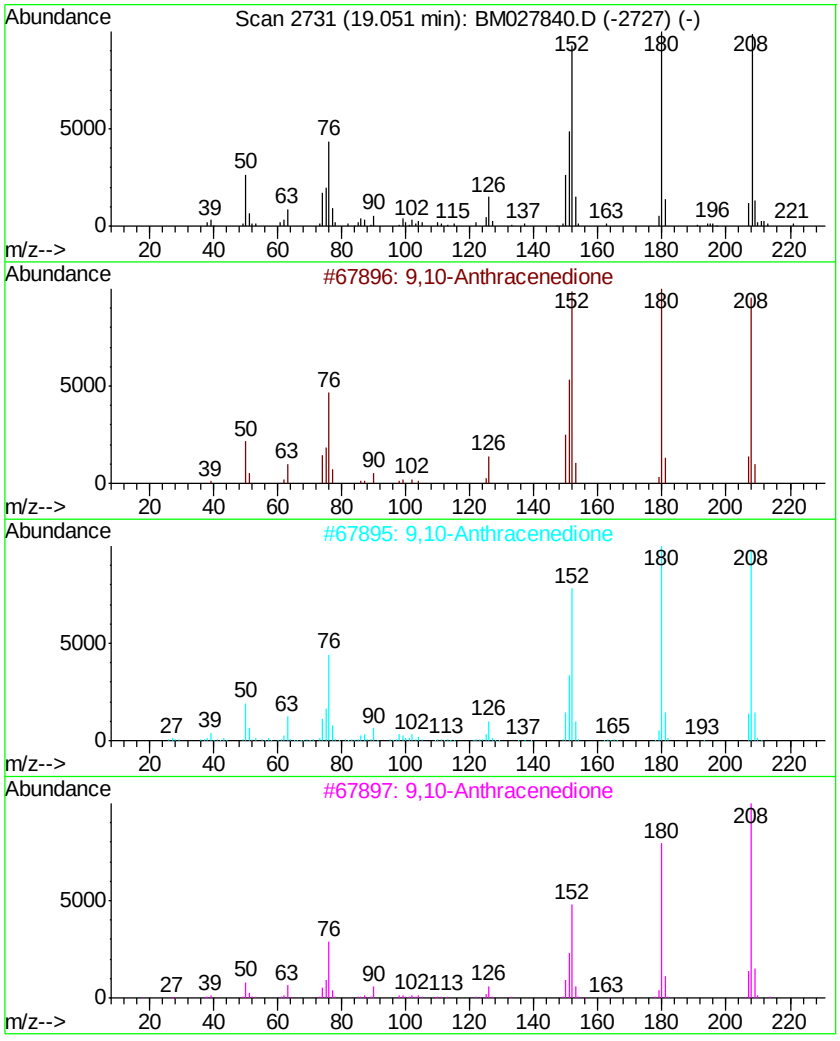
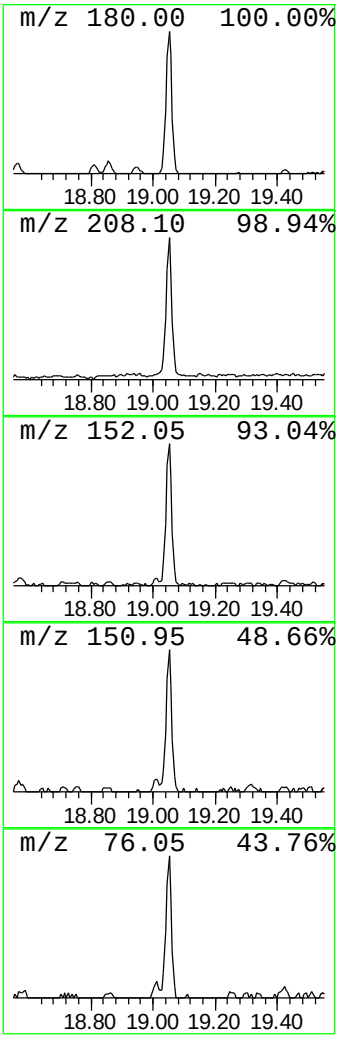
Peak Number 7 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	4.38 ng/ul	129114	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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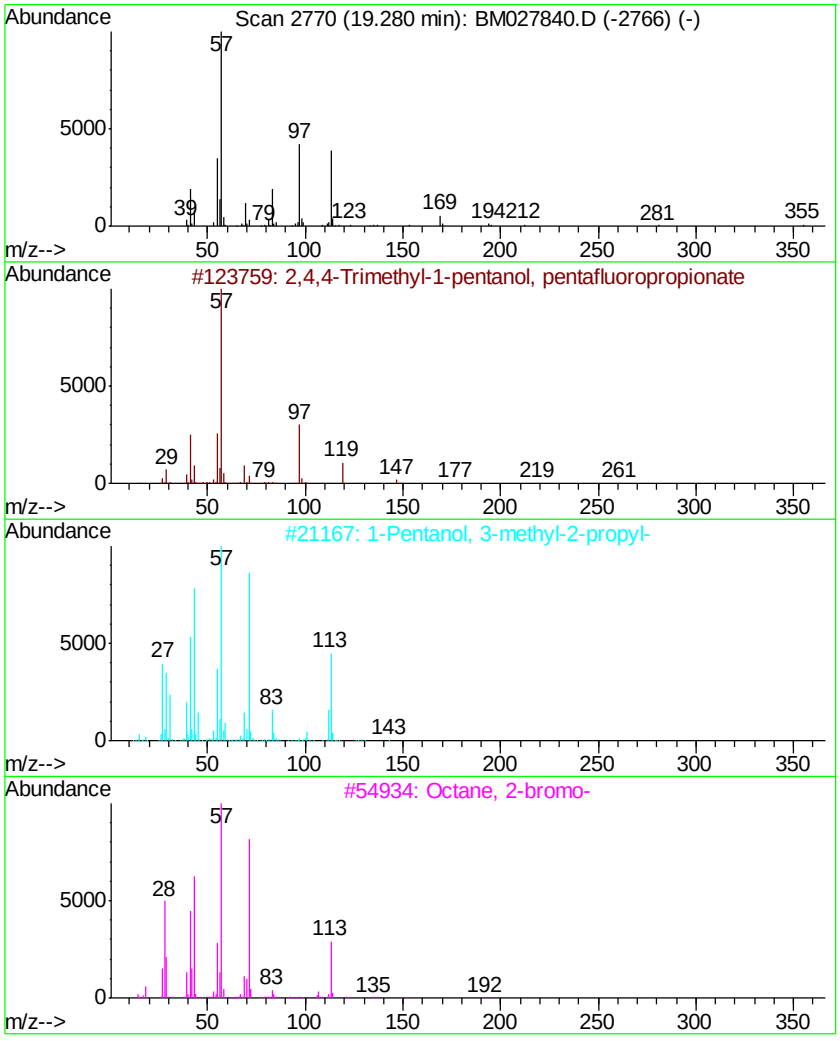
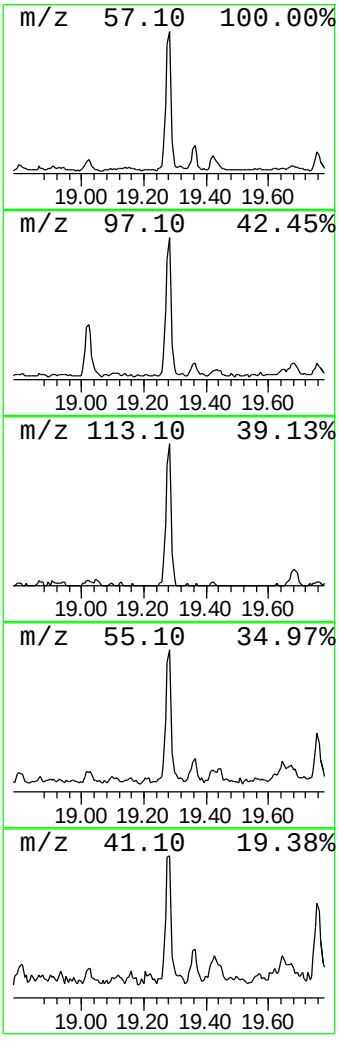
Peak Number 8 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	4.03 ng/ul	118749	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
4	Octane, 2-iodo-	240	C8H17I	000557-36-8	32
5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32





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ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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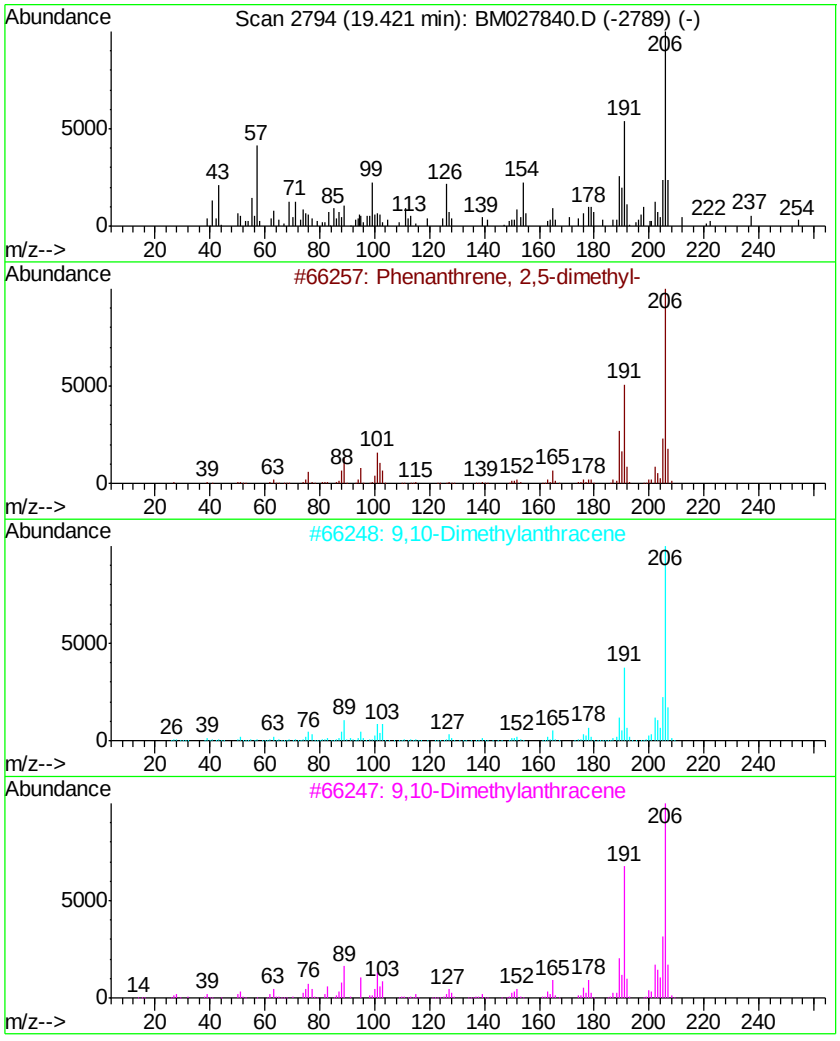
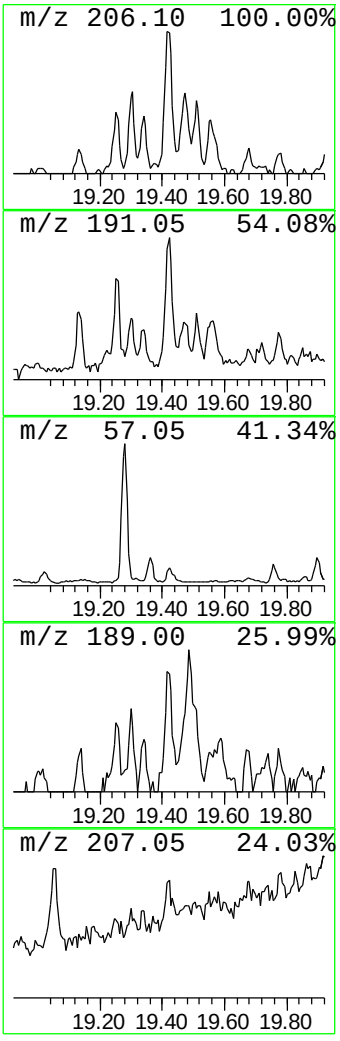
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.99 ng/ul	88231	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70





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Quant Title : SVOA CALIBRATION

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

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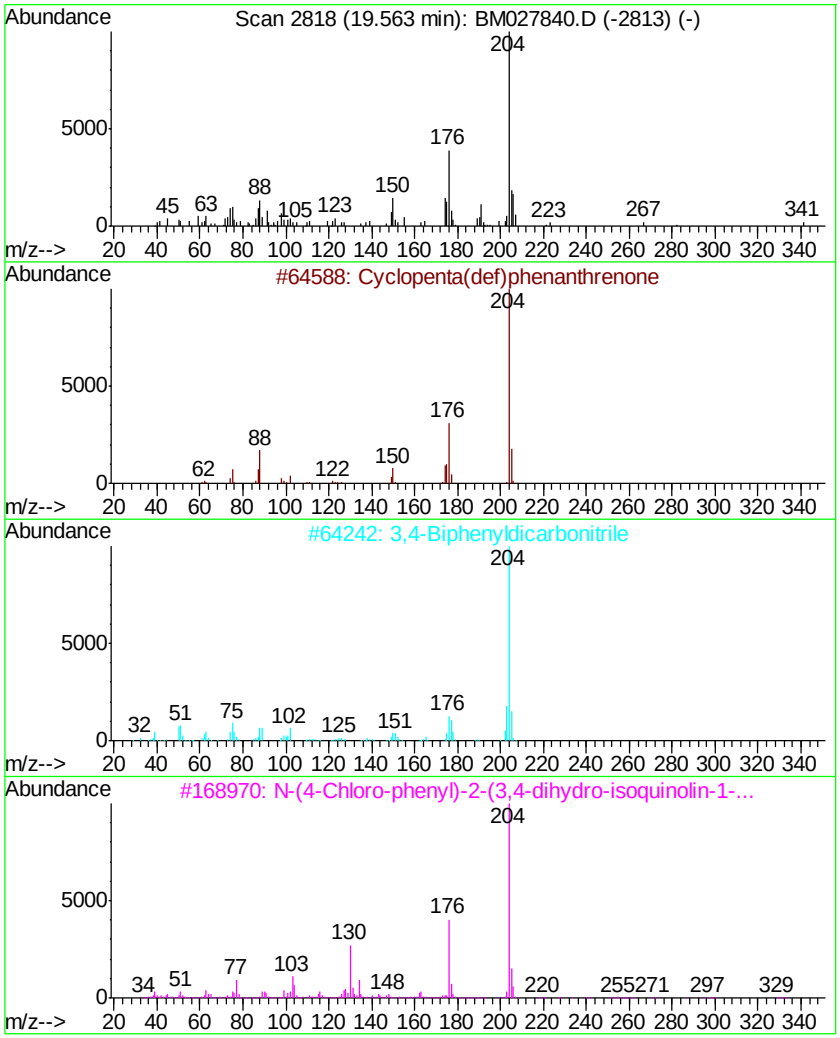
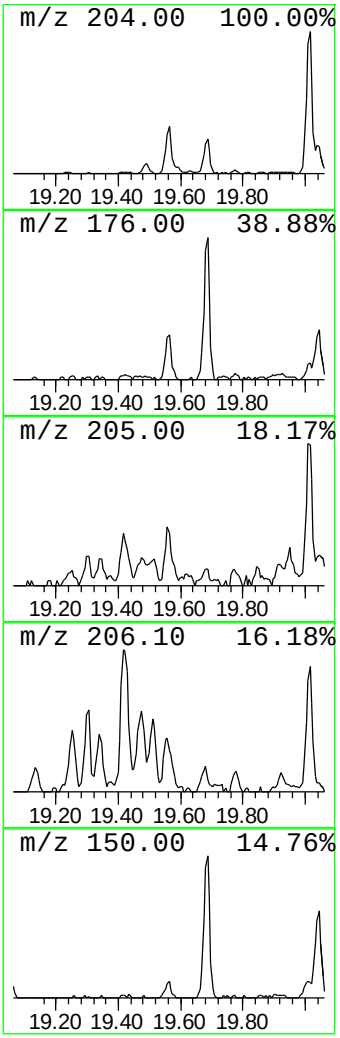
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.51 ng/ul	73911	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Quant Title : SVOA CALIBRATION

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

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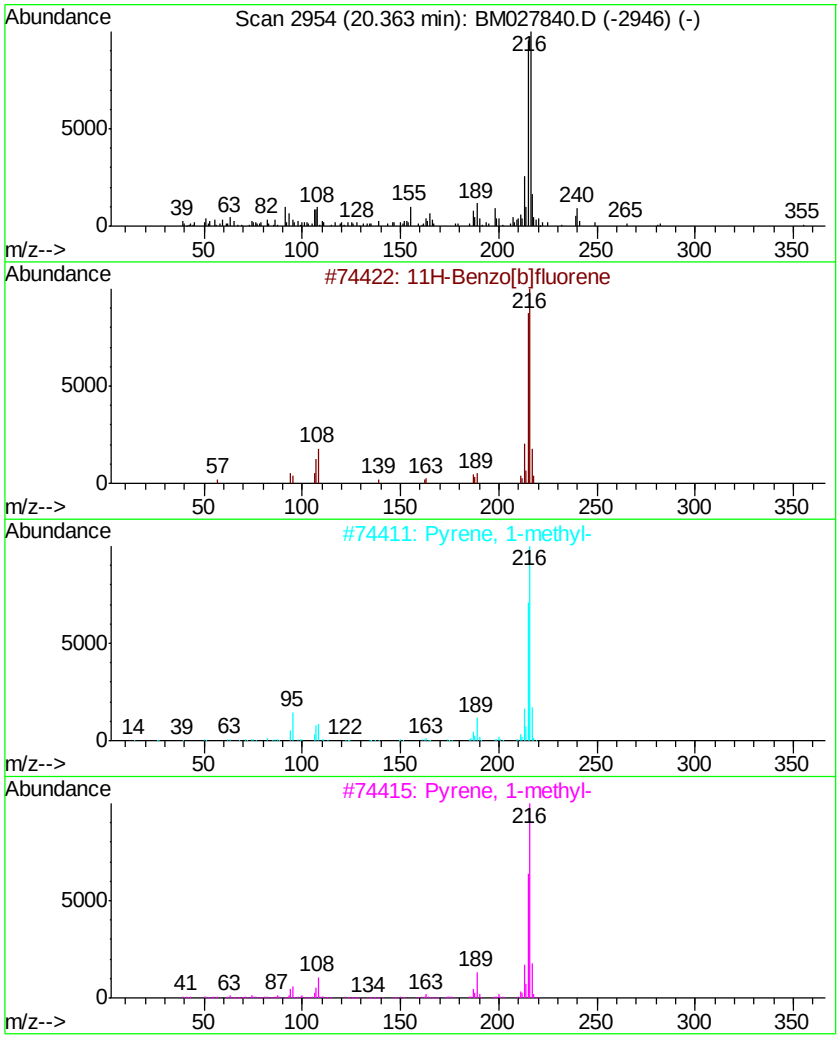
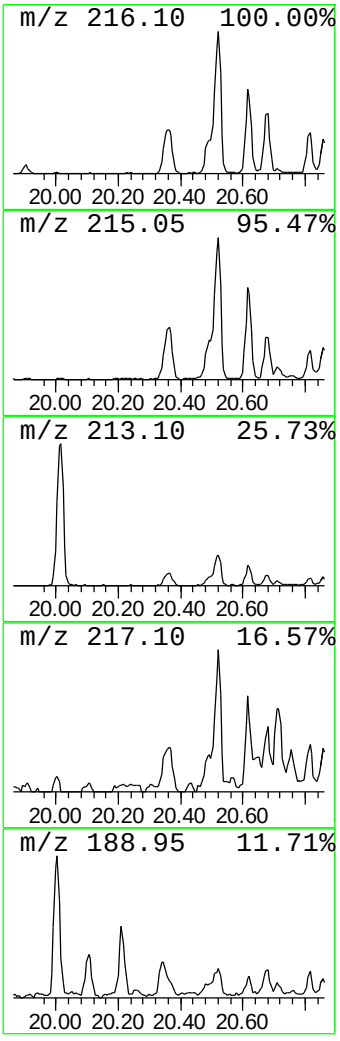
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.49 ng/ul	136056	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Quant Title : SVOA CALIBRATION

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

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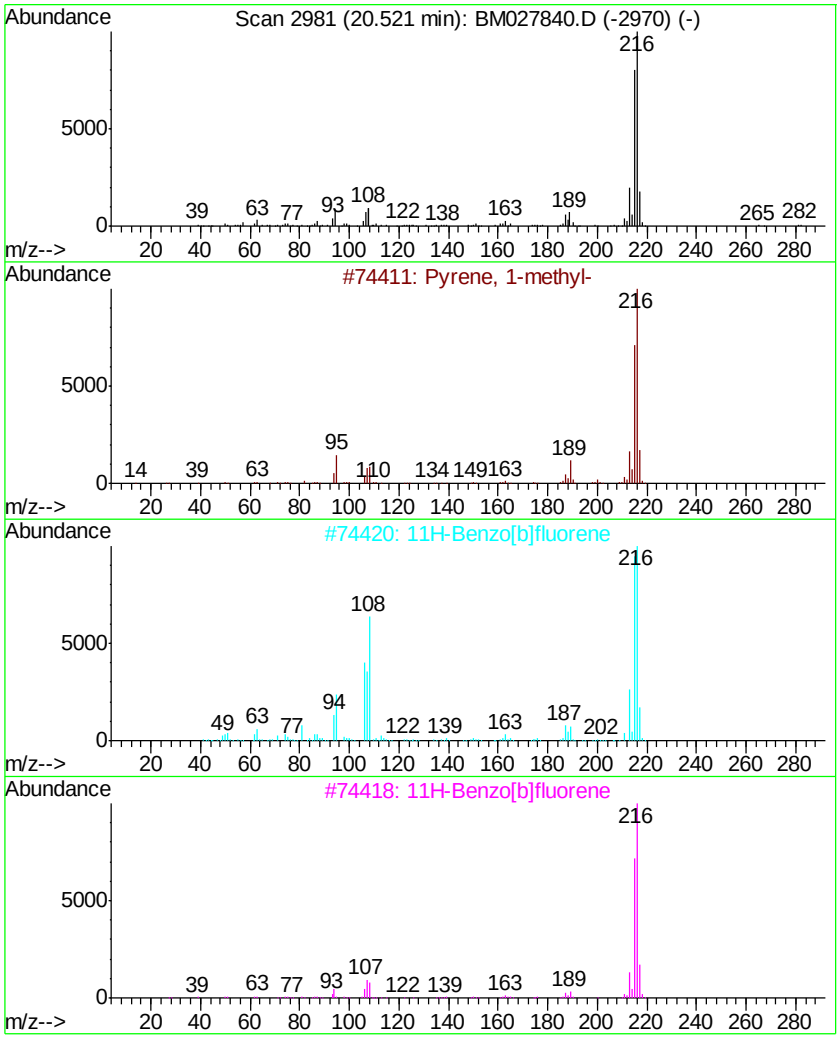
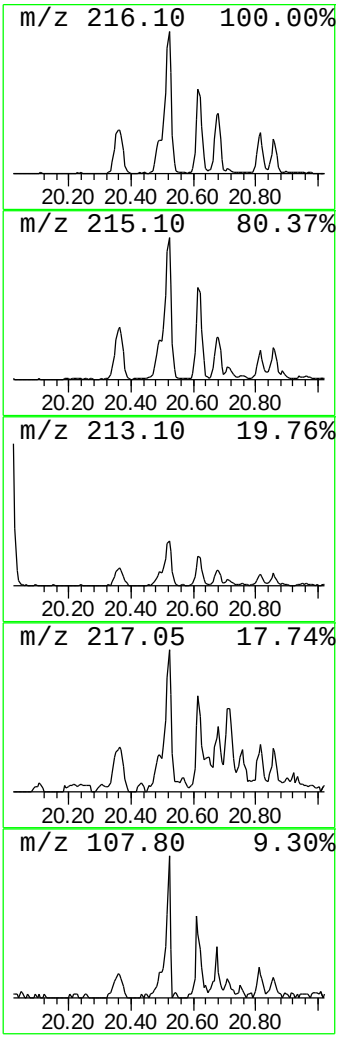
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	4.53 ng/ul	247000	Chrysene-d12	21.77

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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Sample : L4710-03
Misc :
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Instrument : BNA_M
ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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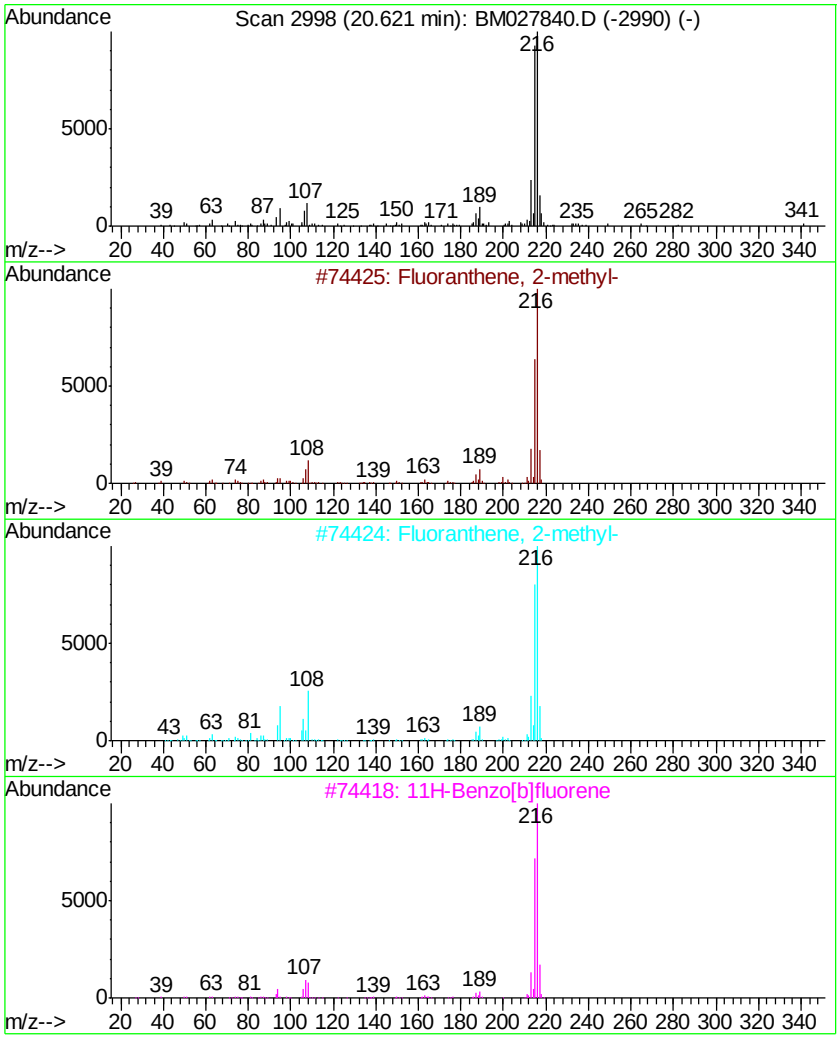
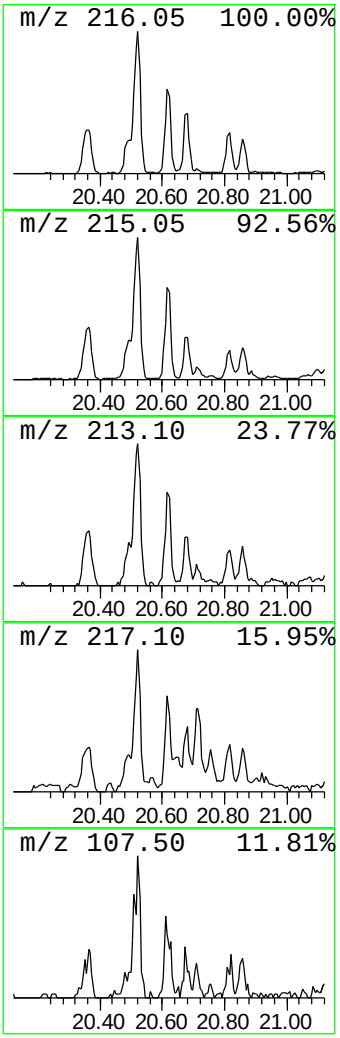
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.10 ng/ul	114622	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Quant Title : SVOA CALIBRATION

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

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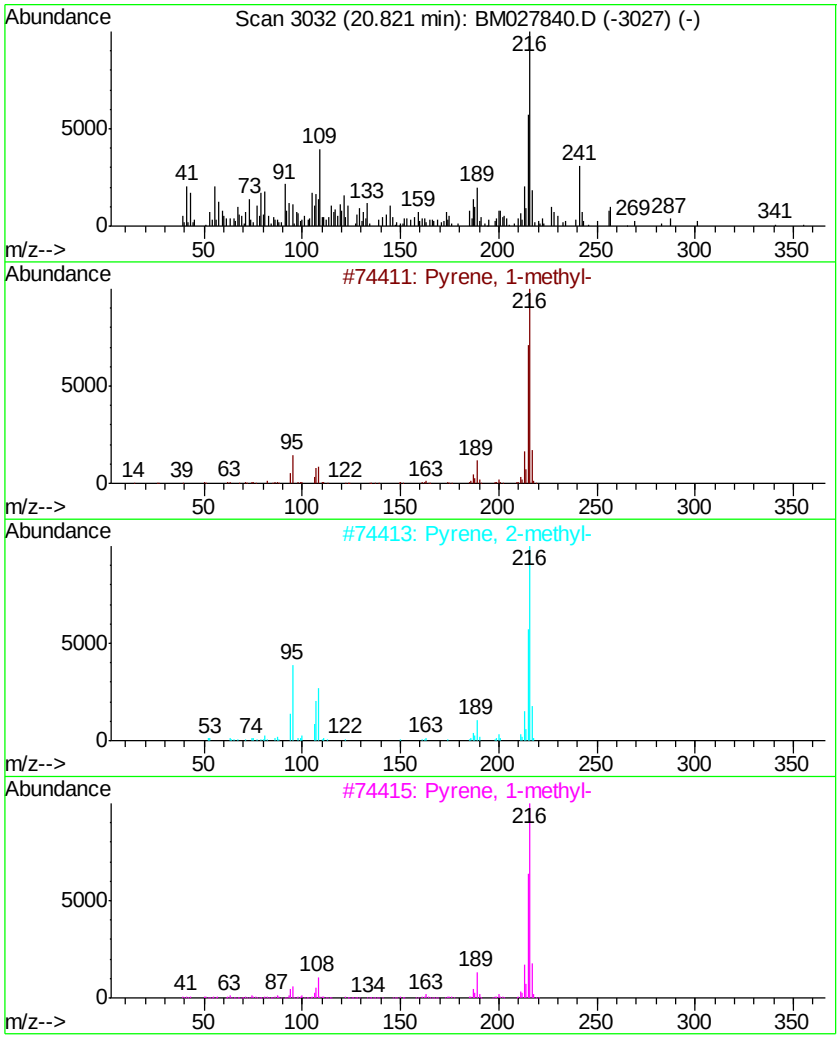
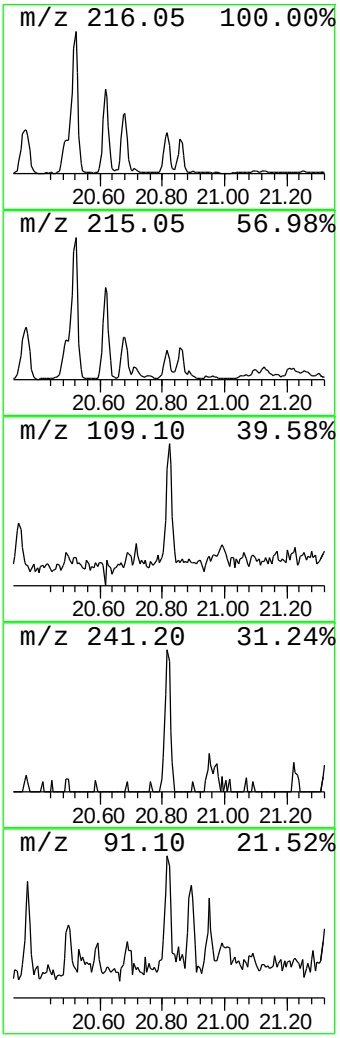
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.13 ng/ul	115902	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Quant Title : SVOA CALIBRATION

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

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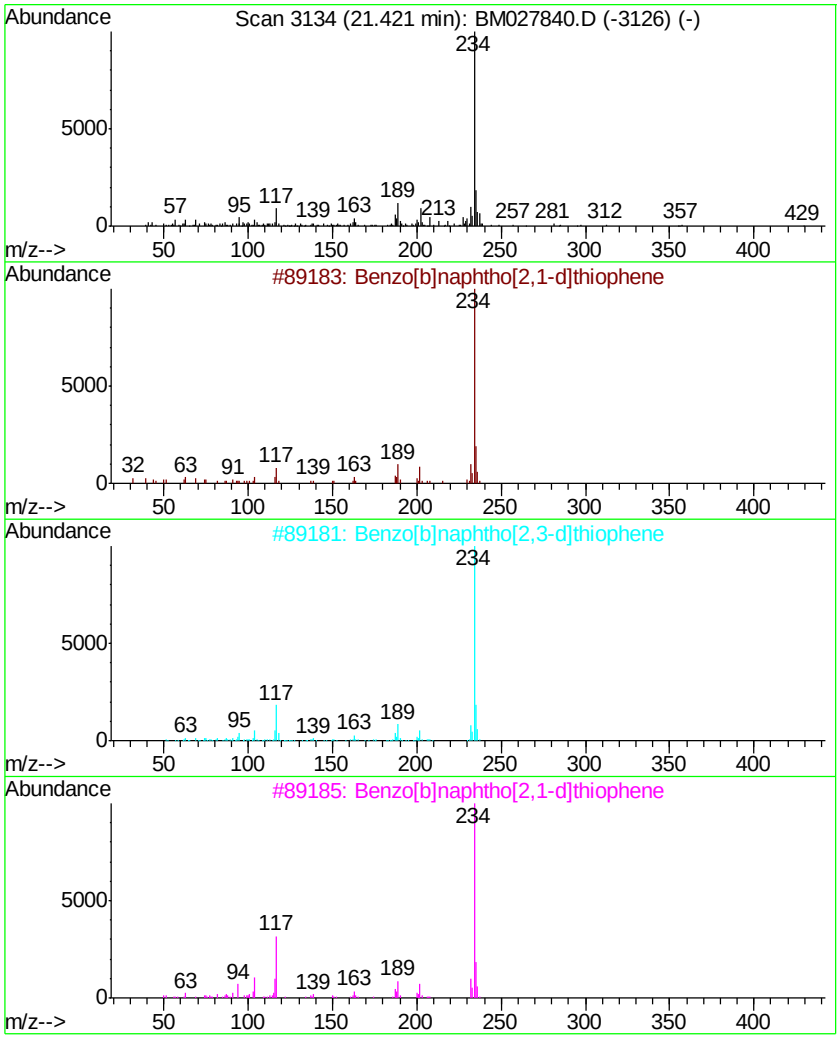
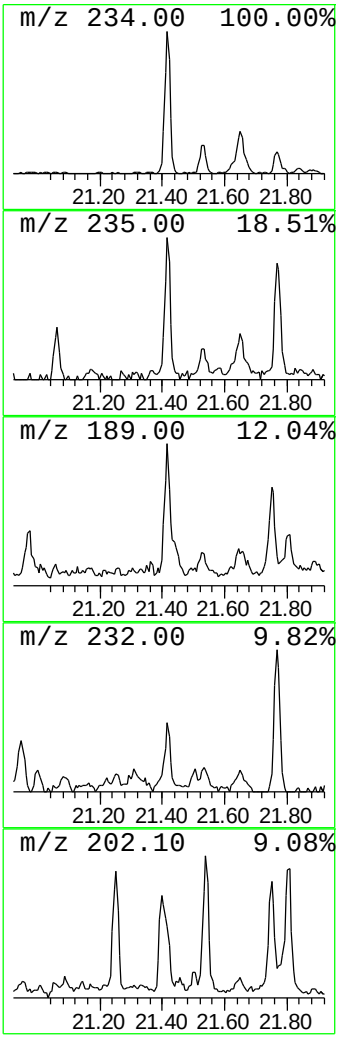
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.20 ng/ul	174448	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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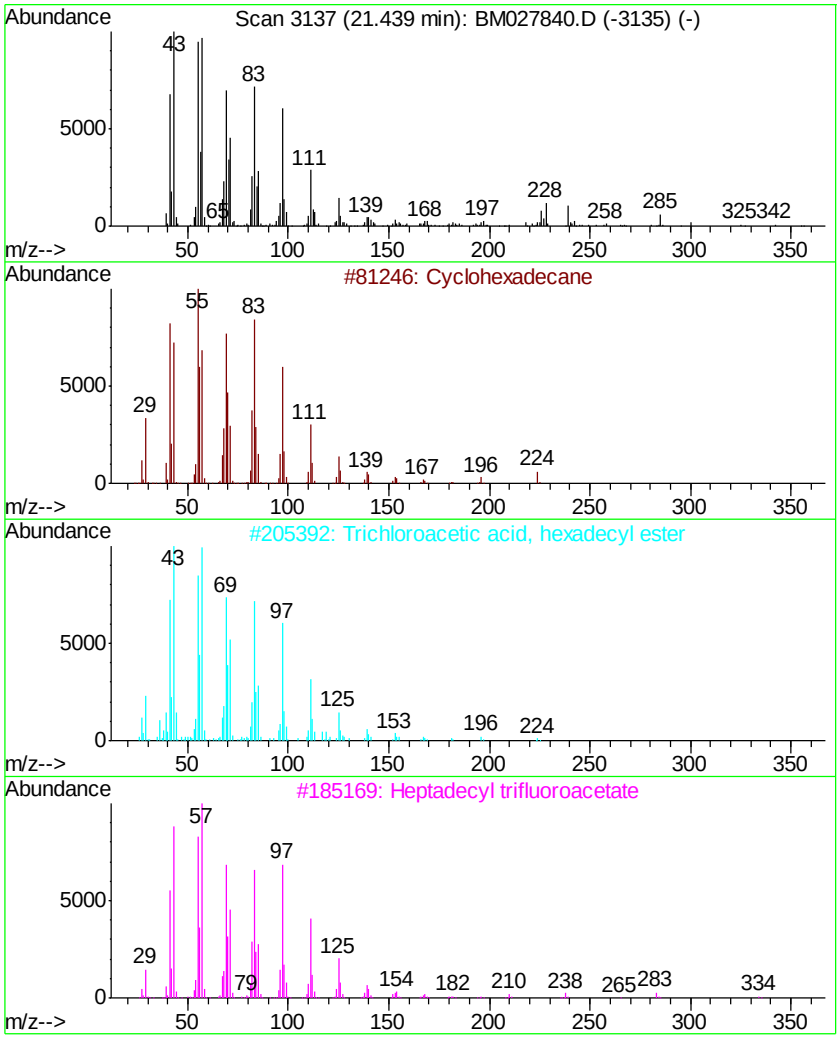
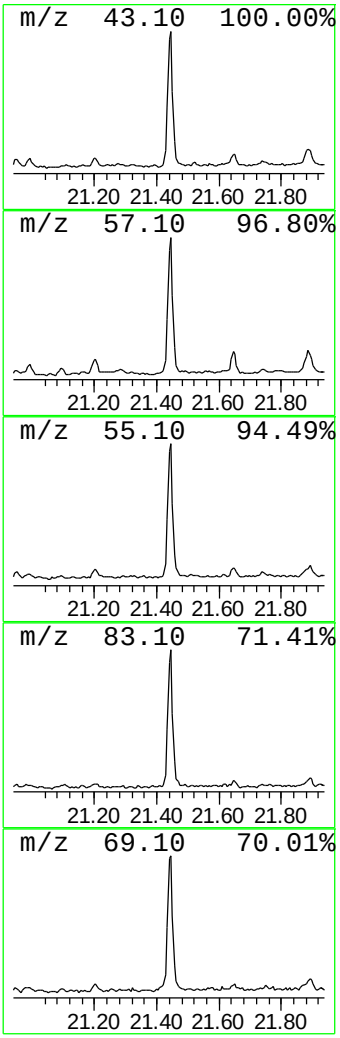
Peak Number 16 (DEL) Alkane: Cyclic21.44 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	7.78 ng/ul	424361	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90





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Quant Title : SVOA CALIBRATION

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

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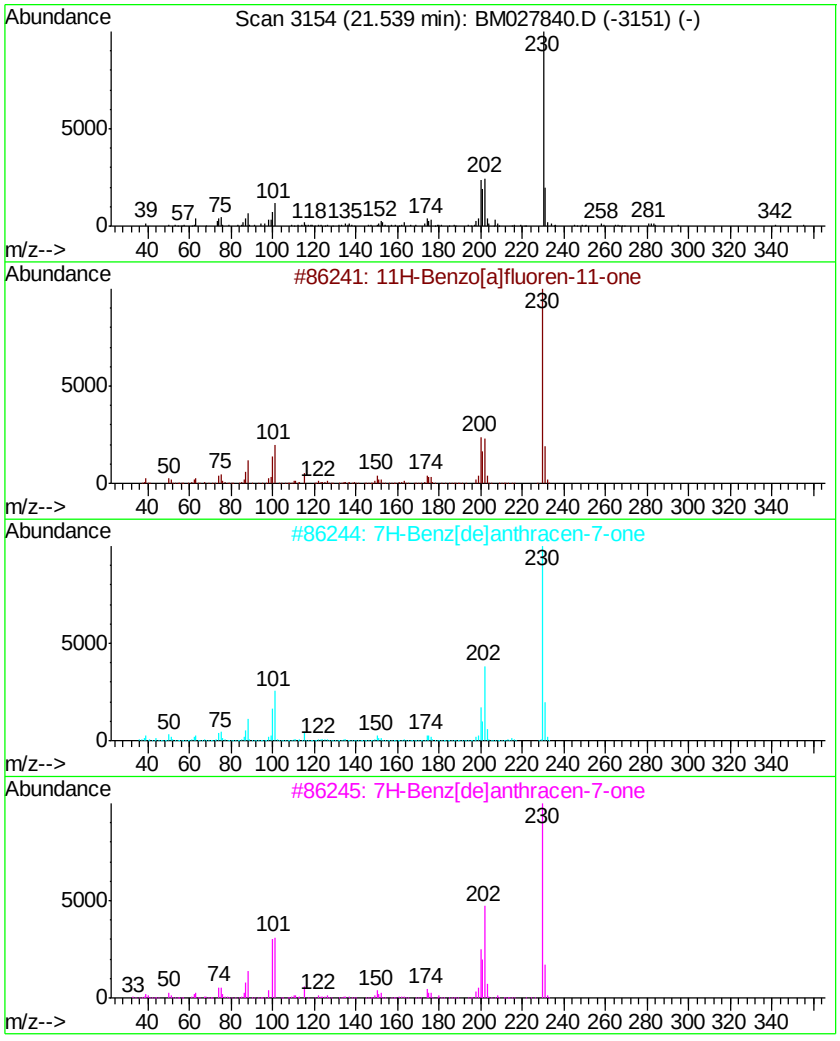
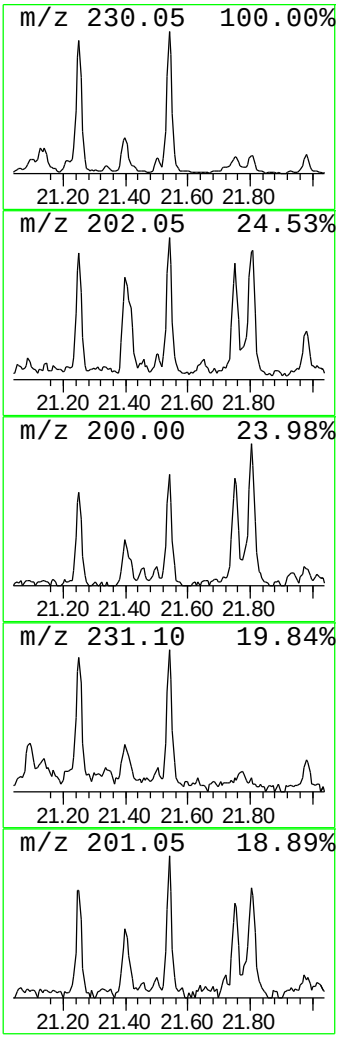
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.29 ng/ul	124941	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	80
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Quant Title : SVOA CALIBRATION

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

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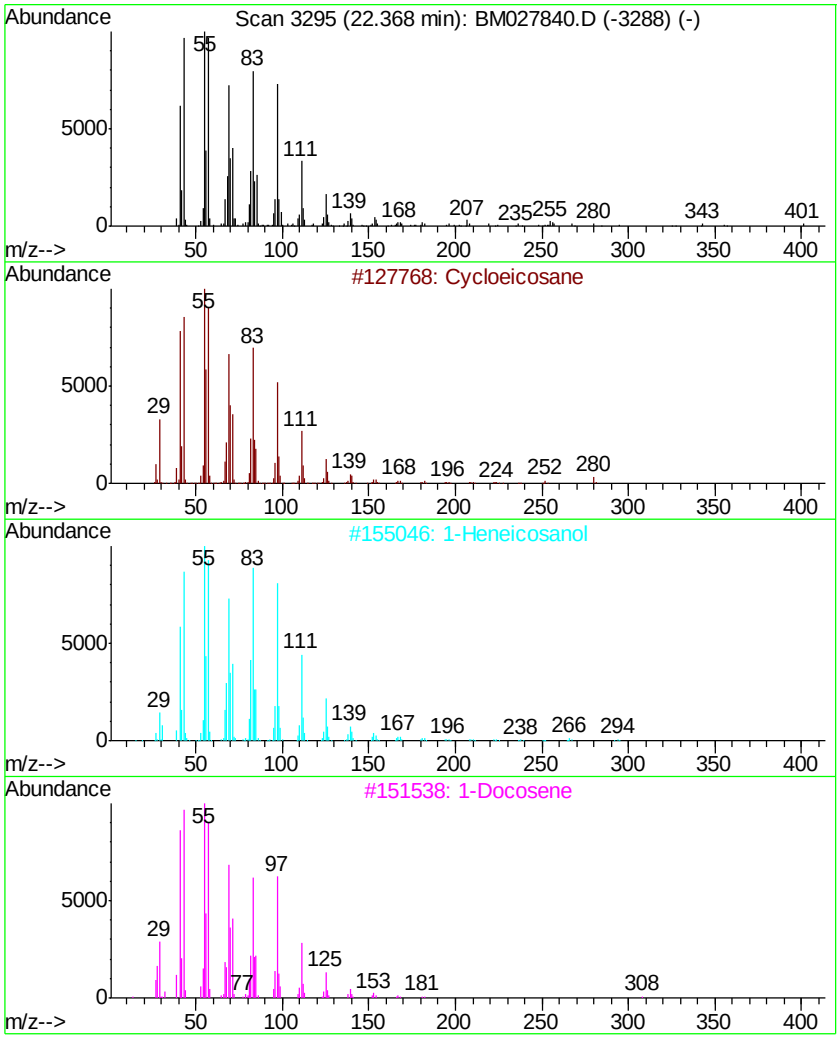
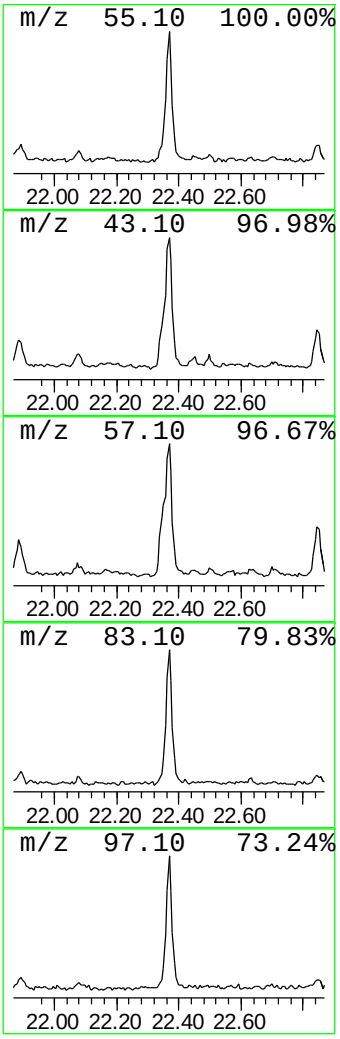
Peak Number 18 (DEL) Alkane: Cyclic22.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	5.13 ng/ul	279778	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Cyclotetracosane	336	C24H48	000297-03-0	91





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Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

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

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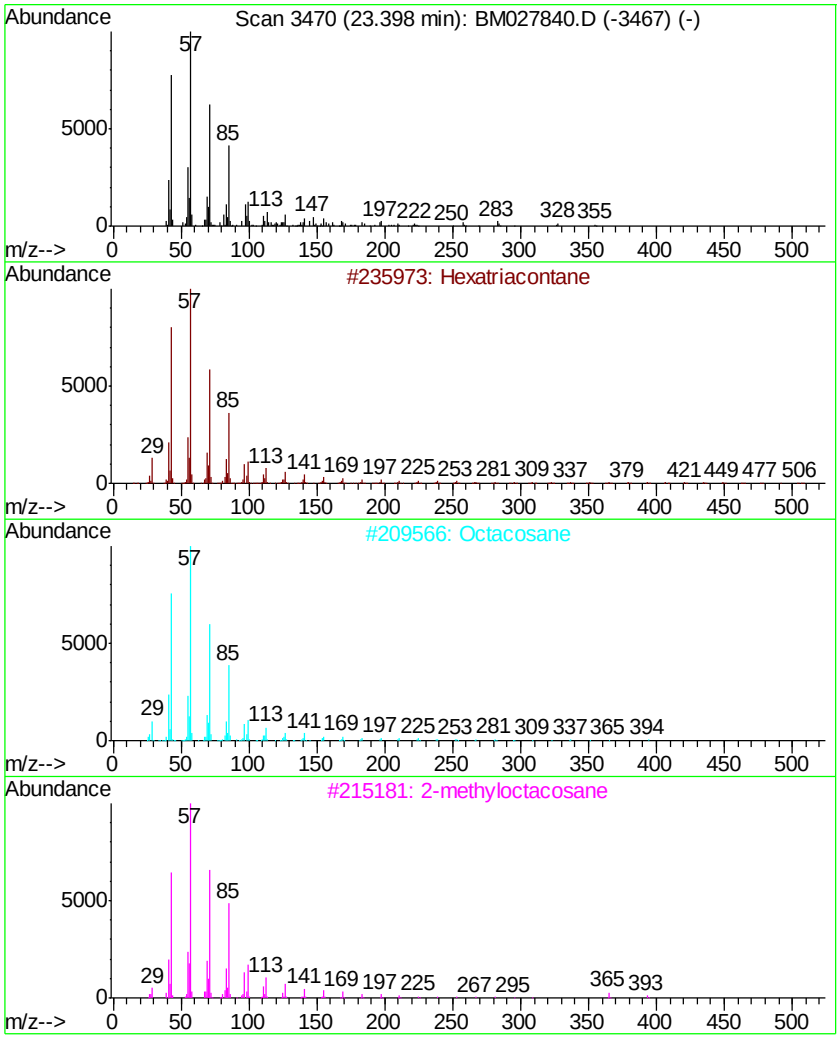
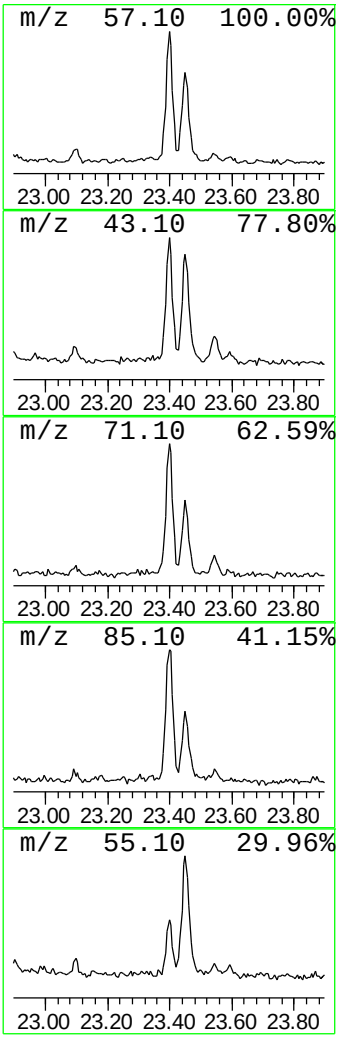
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	4.14 ng/ul	73735	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Library Search Compound Report

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Data File : BM027840.D
Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

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

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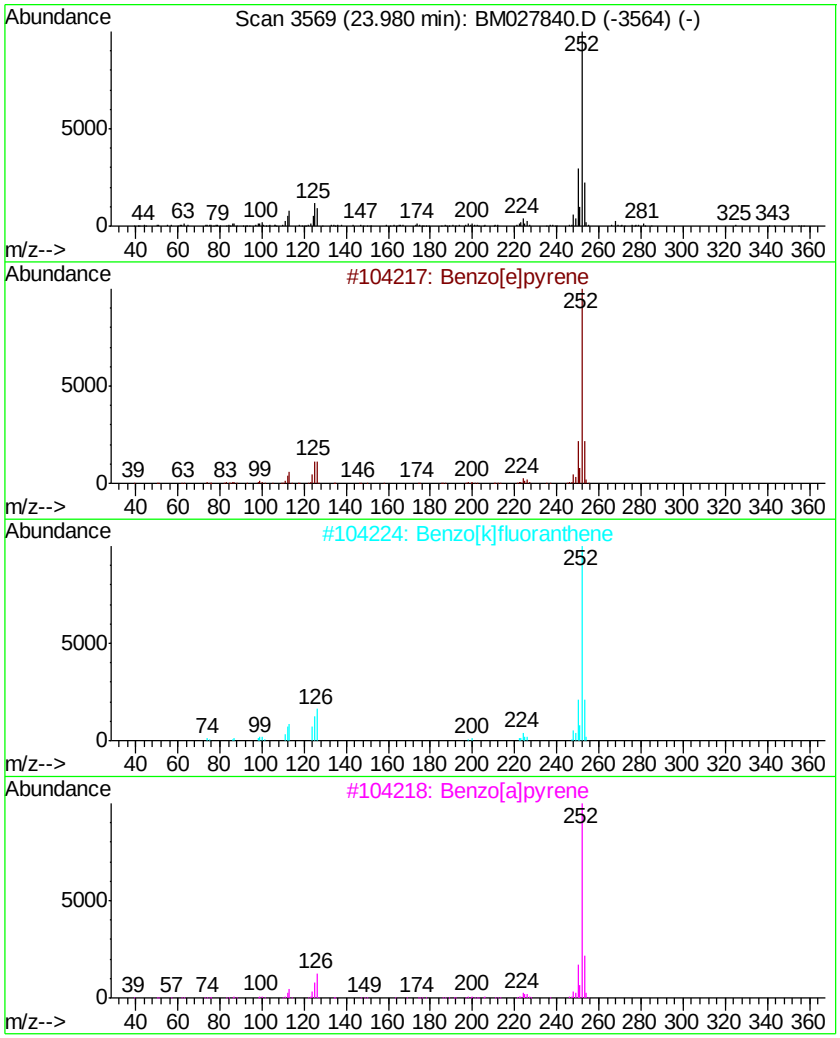
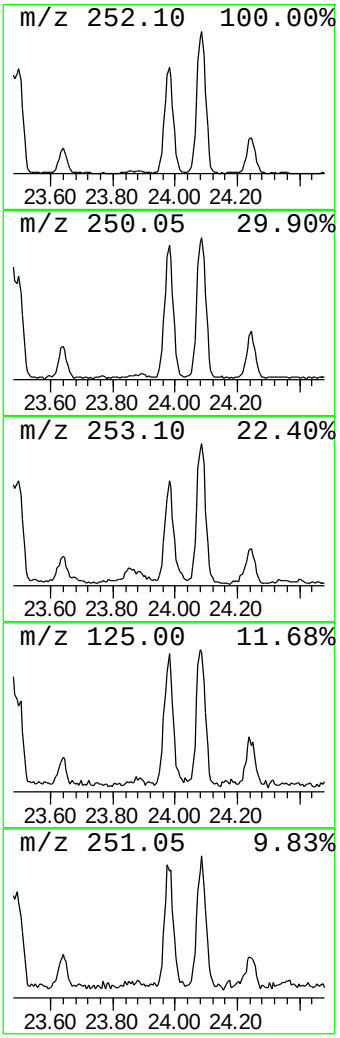
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	13.80 ng/ul	246004	Perylene-d12	24.19

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Library Search Compound Report

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Data File : BM027840.D
Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

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

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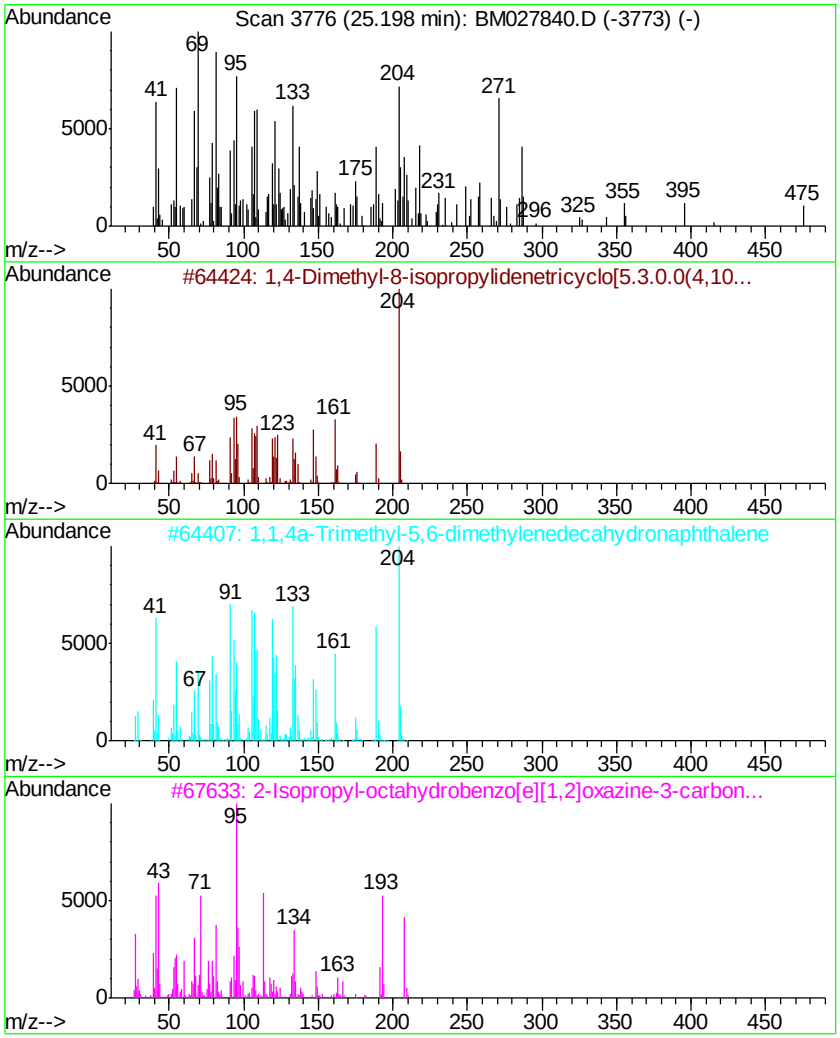
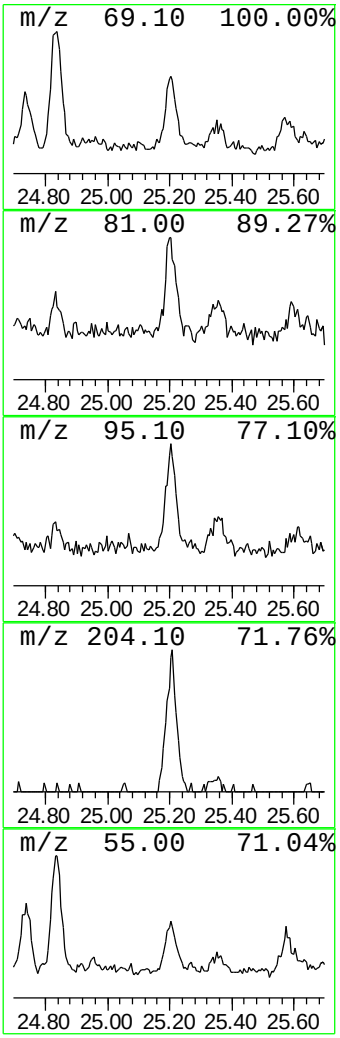
Peak Number 21 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.20	7.45 ng/ul	132806	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	25
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	25
3	2-Isopropyl-octahydrobenzo[e][1,...	208	C12H20N2O	1000193-38-1	25
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	15
5	Morphinan-6-one-2-ol, N-methyl-	271	C17H21NO2	1000126-16-9	11





Library Search Compound Report

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Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

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

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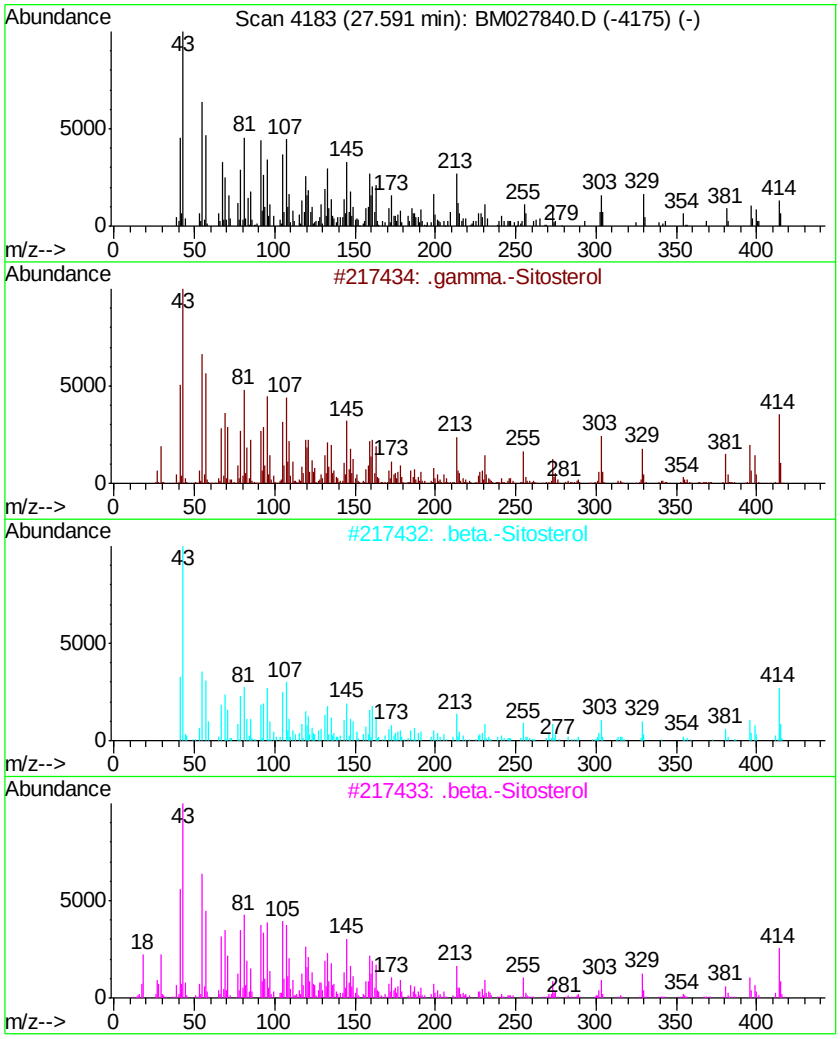
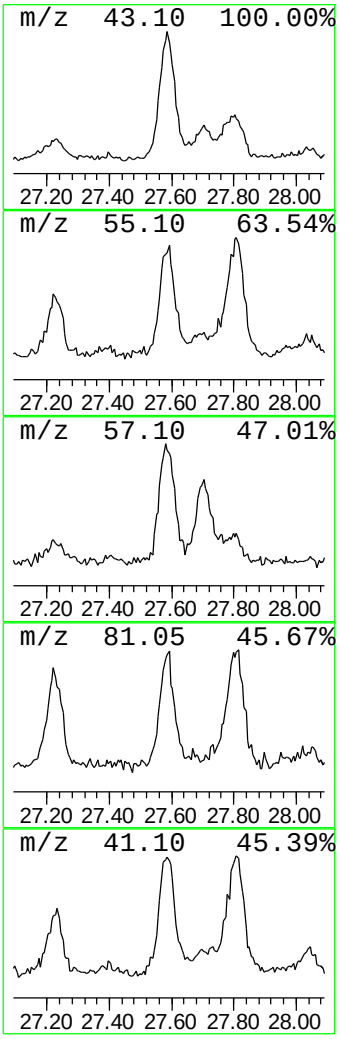
Peak Number 22 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	22.29 ng/ul	397368	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	60
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	60
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	38
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111920\
Data File : BM027840.D
Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.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
Butane, 2-methoxy...	3.19	60.5	ng/ul	817757	1	8.33	270424	20.0
n-Hexadecanoic acid	18.52	8.6	ng/ul	254502	4	17.66	589835	20.0
Phenanthrene, 1-m...	18.57	3.6	ng/ul	106567	4	17.66	589835	20.0
4H-Cyclopenta[def...	18.72	4.6	ng/ul	134997	4	17.66	589835	20.0
Naphthalene, 2-ph...	19.01	2.8	ng/ul	82232	4	17.66	589835	20.0
9,10-Anthracenedione	19.05	4.4	ng/ul	129114	4	17.66	589835	20.0
unknown-01	19.28	4.0	ng/ul	118749	4	17.66	589835	20.0
Phenanthrene, 2,5...	19.42	3.0	ng/ul	88231	4	17.66	589835	20.0
Cyclopenta(def)ph...	19.56	2.5	ng/ul	73911	4	17.66	589835	20.0
11H-Benzo[b]fluorene	20.36	2.5	ng/ul	136056	5	21.77	1090800	20.0
Pyrene, 1-methyl-	20.52	4.5	ng/ul	247000	5	21.77	1090800	20.0
Fluoranthene, 2-m...	20.62	2.1	ng/ul	114622	5	21.77	1090800	20.0
Pyrene, 2-methyl-	20.82	2.1	ng/ul	115902	5	21.77	1090800	20.0
Benzo[b]naphtho[2...	21.42	3.2	ng/ul	174448	5	21.77	1090800	20.0
(DEL) Alkane: Cyc...	21.44	7.8	ng/ul	424361	5	21.77	1090800	20.0
11H-Benzo[a]fluor...	21.54	2.3	ng/ul	124941	5	21.77	1090800	20.0
(DEL) Alkane: Cyc...	22.37	5.1	ng/ul	279778	5	21.77	1090800	20.0
(DEL) Alkane: Str...	23.40	4.1	ng/ul	73735	6	24.19	356607	20.0
Benzo[e]pyrene	23.98	13.8	ng/ul	246004	6	24.19	356607	20.0
unknown-02	25.20	7.5	ng/ul	132806	6	24.19	356607	20.0
.gamma.-Sitosterol	27.59	22.3	ng/ul	397368	6	24.19	356607	20.0