LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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	6.169	552	558	565	rBV	191151	280861	10.79%	0.623%
2	6.469	604	609	614	rBV3	14042	26454	1.02%	0.059%
3	6.645	633	639	652	rVB	310495	489300	18.80%	1.085%
4	6.810	659	667	677	rBV	210227	307349	11.81%	0.682%
5	6.998	693	699	707	rVB	314629	470718	18.09%	1.044%
6	7.457	771	777	784	rVB	349112	532064	20.44%	1.180%
7	8.163	891	897	906	rVB	351515	541120	20.79%	1.200%
8	8.604	965	972	980	rBB	322224	498352	19.15%	1.105%
9	9.316	1086	1093	1099	rBV	306286	481759	18.51%	1.068%
10	9.845	1177	1183	1190	rVB	498880	769664	29.57%	1.707%
11	10.222	1240	1247	1254	rBV	525153	850694	32.69%	1.886%
12	10.363	1262	1271	1280	rBV	303646	505051	19.41%	1.120%
13	12.986	1713	1717	1721	rBV2	50674	69673	2.68%	0.154%
14	13.433	1787	1793	1800	rVB	565731	766142	29.44%	1.699%
15	13.533	1804	1810	1814	rBV	886225	1266878	48.68%	2.809%
16	13.580	1814	1818	1823	rVB	447744	600561	23.07%	1.332%
17	13.798	1849	1855	1866	rBV	951130	1405532	54.00%	3.117%
18	14.080	1898	1903	1905	rBV	287786	414479	15.93%	0.919%
19	14.110	1905	1908	1915	rVB2	814875	1190624	45.75%	2.640%
20	14.198	1915	1923	1933	rVB4	27574	59646	2.29%	0.132%
21	14.321	1938	1944	1949	rBV	414345	573877	22.05%	1.273%
22	14.380	1949	1954	1961	rVB4	57403	111196	4.27%	0.247%
23	14.998	2054	2059	2063	rBV3	29120	37138	1.43%	0.082%
24	15.110	2072	2078	2088	rBV	1201784	1769608	67.99%	3.924%
25	15.239	2092	2100	2107	rVB	410715	573515	22.04%	1.272%
26	15.609	2157	2163	2171	rVB3	33148	53603	2.06%	0.119%
27	15.757	2183	2188	2194	rVB	54409	76482	2.94%	0.170%
28	15.998	2226	2229	2239	rVB7	24217	49897	1.92%	0.111%
29	16.656	2336	2341	2344	rBV4	22474	31450	1.21%	0.070%
30	16.792	2360	2364	2370	rBV2	130612	169588	6.52%	0.376%
31	16.862	2370	2376	2381	rVV2	1123672	1649531	63.38%	3.658%
32	16.904	2381	2383	2388	rVV	52565	70092	2.69%	0.155%
33	16.962	2388	2393	2404	rVV2	1373061	1946942	74.81%	4.317%
34	17.062	2406	2410	2417	rVB5	22475	31511	1.21%	0.070%

LSC Area Percent Report

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Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	17.527	2484	2489	2493	rBV3	24554	32279	1.24%	0.072%
36	17.674	2507	2514	2519	rBV2	105280	170485	6.55%	0.378%
37	17.733	2519	2524	2529	rVV2	254039	353032	13.56%	0.783%
38	17.792	2529	2534	2542	rVV	685261	935461	35.94%	2.074%
39	17.862	2543	2546	2553	rVV3	24940	37682	1.45%	0.084%
40	17.933	2554	2558	2563	rVV5	16664	26704	1.03%	0.059%
41	18.092	2581	2585	2590	rBV3	89588	126546	4.86%	0.281%
42	18.221	2602	2607	2610	rBV6	23662	33994	1.31%	0.075%
43	18.286	2615	2618	2624	rVB6	30646	43099	1.66%	0.096%
44	18.462	2645	2648	2651	rBV5	18535	26992	1.04%	0.060%
45	18.674	2679	2684	2687	rBV2	48768	68679	2.64%	0.152%
46	18.733	2687	2694	2697	rBV7	33930	51938	2.00%	0.115%
47	18.809	2703	2707	2714	rBV2	50107	76699	2.95%	0.170%
48	18.939	2723	2729	2732	rBV	674036	931156	35.78%	2.065%
49	18.992	2735	2738	2744	rVB3	163211	219732	8.44%	0.487%
50	19.086	2750	2754	2759	rBV	443099	534776	20.55%	1.186%
51	19.274	2780	2786	2789	rBV	1737883	2421455	93.04%	5.369%
52	19.303	2789	2791	2800	rVV	641656	733322	28.18%	1.626%
53	19.380	2800	2804	2810	rVB4	43250	81970	3.15%	0.182%
54	19.486	2815	2822	2824	rBV3	45450	67749	2.60%	0.150%
55	19.550	2830	2833	2838	rVB3	38702	58345	2.24%	0.129%
56	19.633	2838	2847	2852	rBV3	75824	195315	7.50%	0.433%
57	19.692	2852	2857	2860	rVB2	129278	211719	8.13%	0.469%
58	19.768	2866	2870	2874	rBV4	68256	128536	4.94%	0.285%
59	19.839	2879	2882	2886	rBV	92642	115124	4.42%	0.255%
60	19.909	2891	2894	2897	rVB3	43307	52407	2.01%	0.116%
61	19.962	2897	2903	2908	rBV2	116166	197050	7.57%	0.437%
62	20.050	2914	2918	2919	rBV4	28779	33216	1.28%	0.074%
63	20.103	2924	2927	2931	rVB	60994	67563	2.60%	0.150%
64	20.144	2931	2934	2937	rBV4	50143	72701	2.79%	0.161%
65	20.250	2949	2952	2955	rBV4	29593	35586	1.37%	0.079%
66	20.286	2955	2958	2962	rVB4	32202	38171	1.47%	0.085%
67	20.327	2962	2965	2966	rBV3	43725	44746	1.72%	0.099%
68	20.356	2967	2970	2974	rVB5	57572	73068	2.81%	0.162%
69	20.433	2981	2983	2987	rVB4	32867	40001	1.54%	0.089%
70	20.492	2988	2993	2998	rBV2	100127	140779	5.41%	0.312%
71	20.556	3000	3004	3010	rVB	135050	184076	7.07%	0.408%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

72	20.650	3015	3020	3025	rVB	1603385	1741546	66.91%	3.862%
73	20.721	3025	3032	3036	rBV2	111642	229734	8.83%	0.509%
74	20.774	3036	3041	3044	rVV2	244408	406136	15.60%	0.901%
75	20.815	3045	3048	3052	rVV	375998	520846	20.01%	1.155%
76	20.850	3052	3054	3061	rVV	116311	179722	6.91%	0.399%
77	20.927	3064	3067	3070	rVV4	58268	73596	2.83%	0.163%
78	20.968	3072	3074	3079	rVB3	48238	62669	2.41%	0.139%
79	21.039	3081	3086	3087	rVV3	49780	82311	3.16%	0.183%
80	21.080	3087	3093	3097	rVV2	1596837	2602678	100.00%	5.771%
81	21.115	3097	3099	3106	rVB	424898	586850	22.55%	1.301%
82	21.386	3142	3145	3150	rBV3	48540	82044	3.15%	0.182%
83	21.439	3151	3154	3157	rVB5	53763	58709	2.26%	0.130%
84	21.621	3178	3185	3190	rBV2	230035	440714	16.93%	0.977%
85	21.697	3190	3198	3202	rVV3	421757	614452	23.61%	1.363%
86	21.809	3213	3217	3220	rBV	62217	94573	3.63%	0.210%
87	21.991	3246	3248	3256	rVB9	37703	61156	2.35%	0.136%
88	22.597	3344	3351	3357	rBV2	527611	1630503	62.65%	3.616%
89	22.744	3373	3376	3381	rVB2	84439	131397	5.05%	0.291%
90	23.038	3421	3426	3429	rBV	210911	367968	14.14%	0.816%
91	23.091	3429	3435	3439	rVV2	889434	1643567	63.15%	3.644%
92	23.127	3439	3441	3450	rVB	330610	540152	20.75%	1.198%
93	23.221	3450	3457	3462	rBV2	689780	1312629	50.43%	2.911%
94	23.262	3462	3464	3473	rVB2	106599	200755	7.71%	0.445%
95	23.750	3541	3547	3554	rVB	329407	614971	23.63%	1.364%
96	23.827	3554	3560	3569	rVB	502853	929054	35.70%	2.060%
97	25.274	3799	3806	3812	rBV3	146771	478358	18.38%	1.061%
98	25.509	3840	3846	3850	rBV9	61169	160347	6.16%	0.356%
99	26.091	3935	3945	3955	rVB3	474006	1372322	52.73%	3.043%
100	27.556	4187	4194	4204	rVB8	170126	543974	20.90%	1.206%

Sum of corrected areas: 45097237

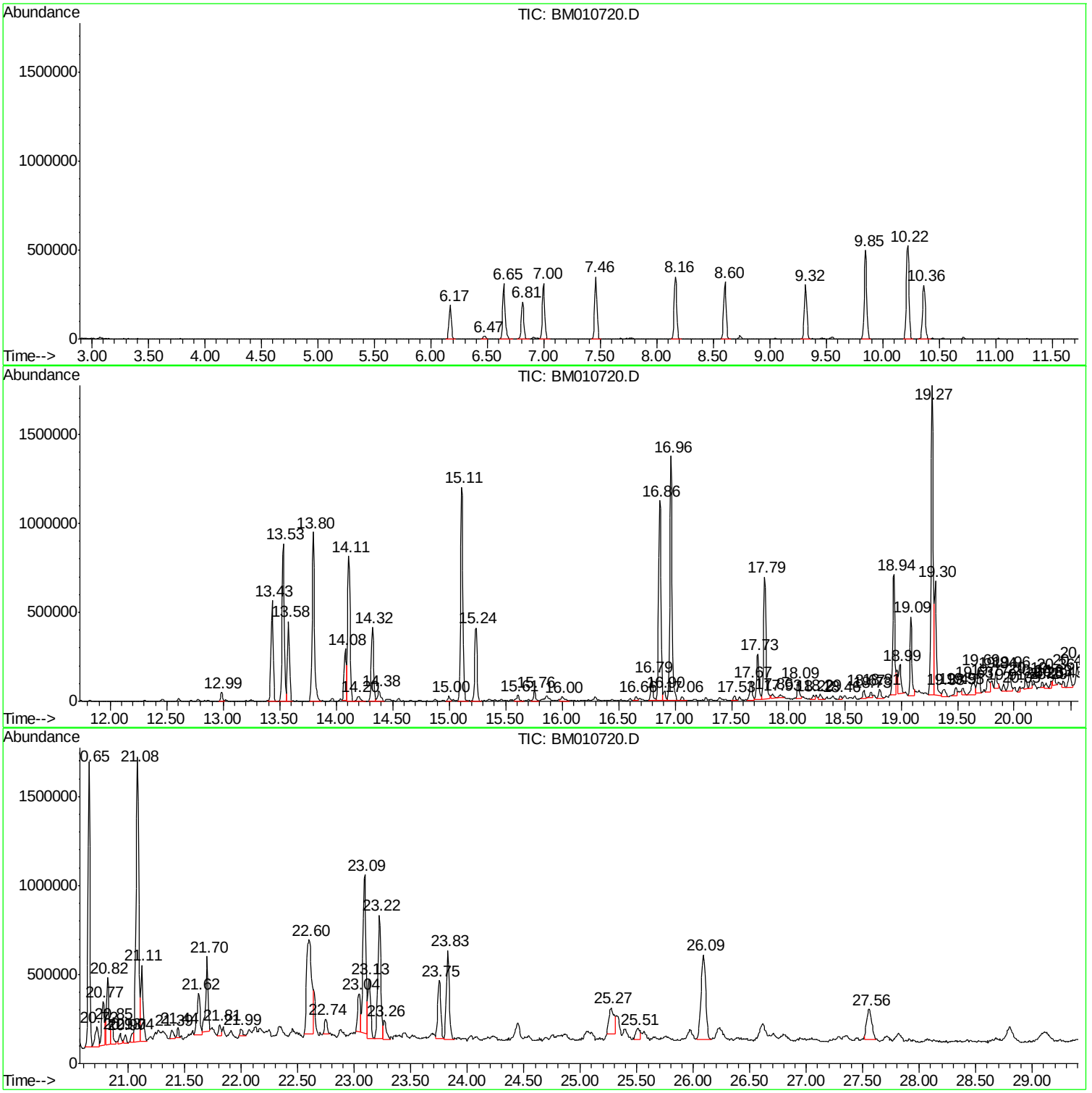
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

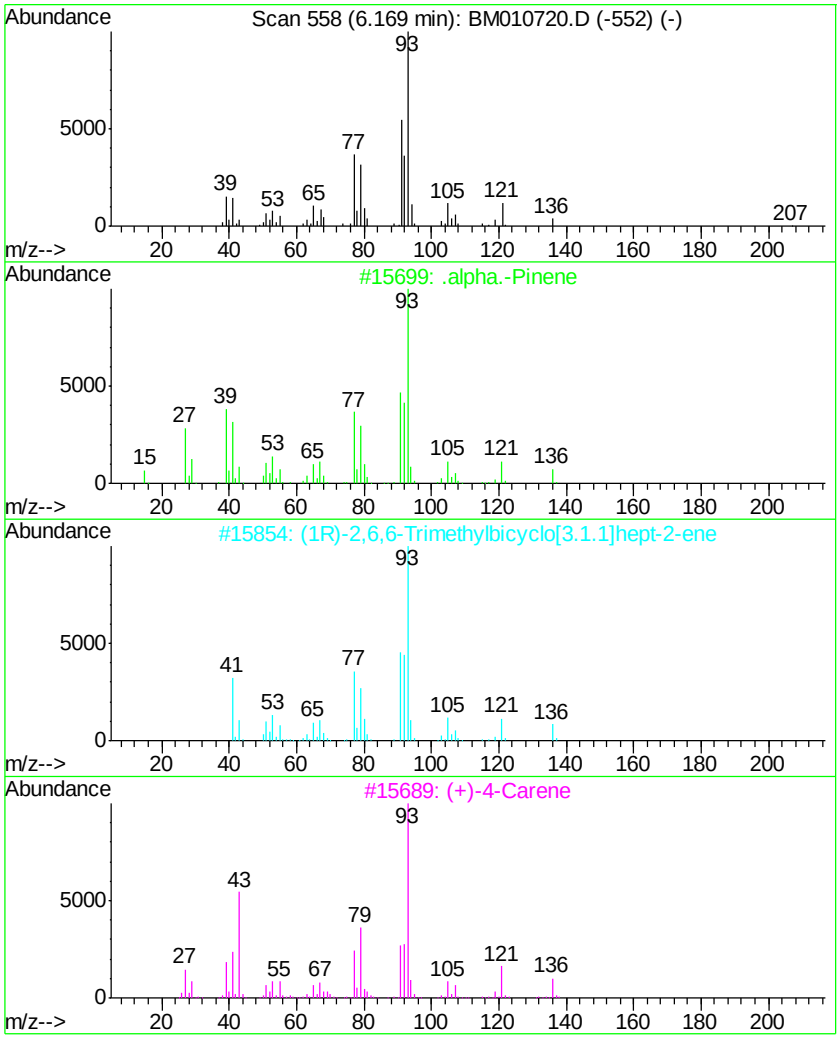
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

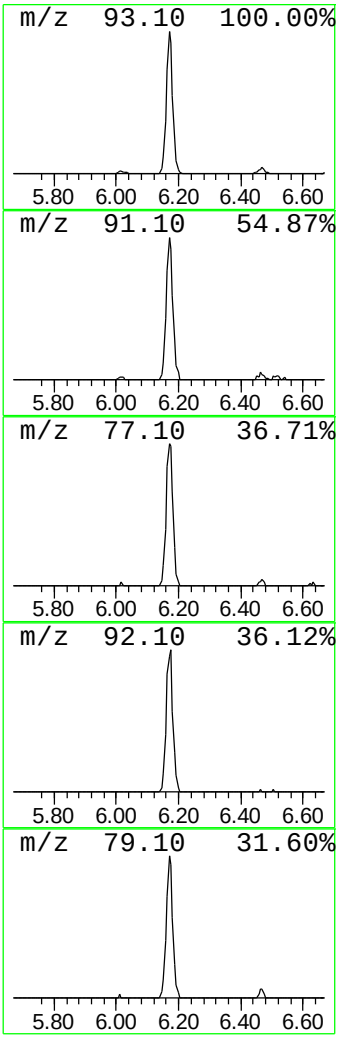
****

Peak Number 1 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	10.56 ng/ul	280861	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3	(+)-4-Carene	136	C10H16	029050-33-7	91
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

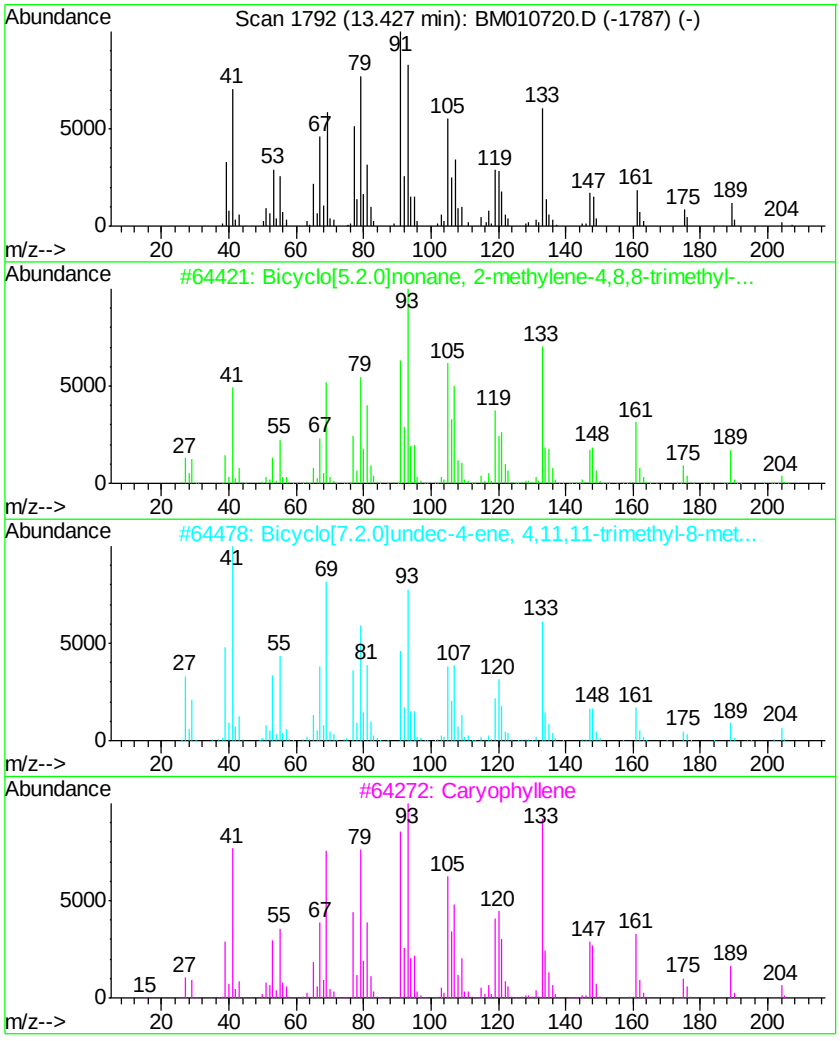
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

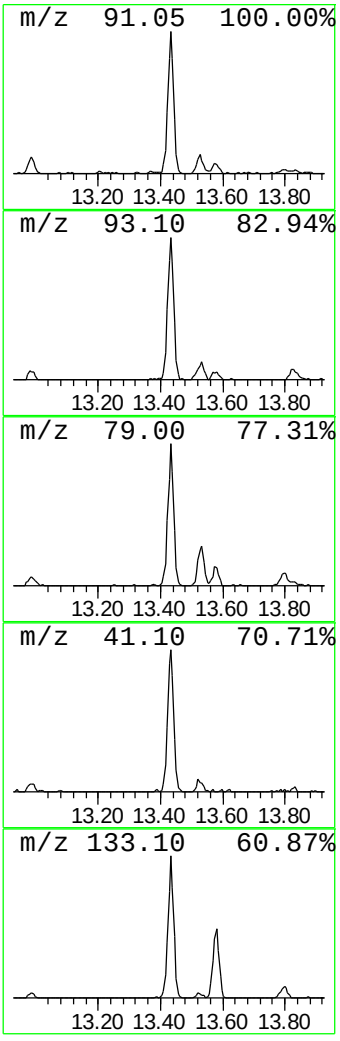
****

Peak Number 2 Bicyclo[5.2.0]nonane, 2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	12.87 ng/ul	766142	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	94
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	93
3	Caryophyllene	204	C15H24	000087-44-5	74
4	Alloaromadendrene	204	C15H24	025246-27-9	60
5	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Acq On : 24 Jun 2017 09:14
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Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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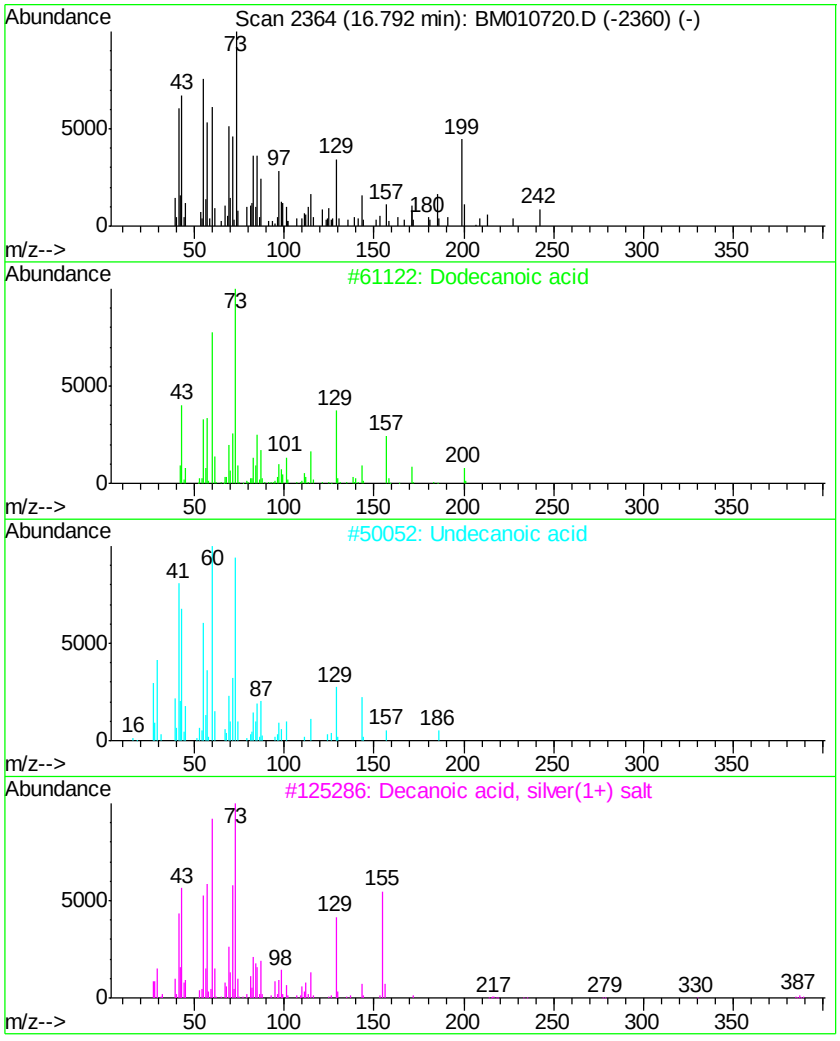
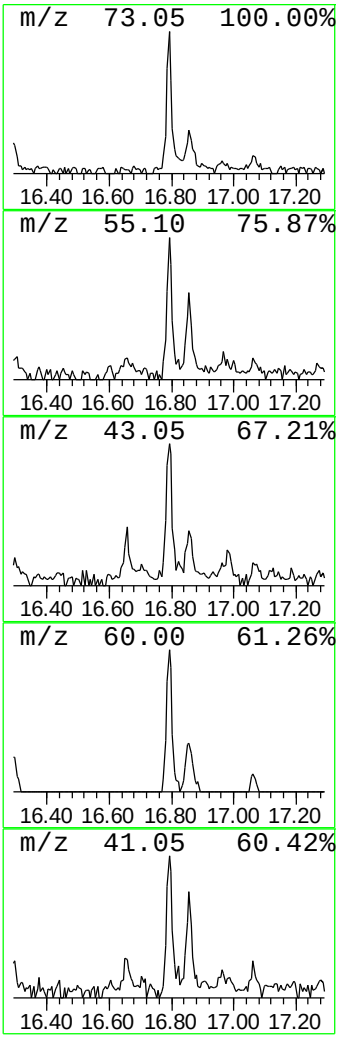
Peak Number 3 Dodecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.06 ng/ul	169588	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	50
2	Undecanoic acid	186	C11H22O2	000112-37-8	46
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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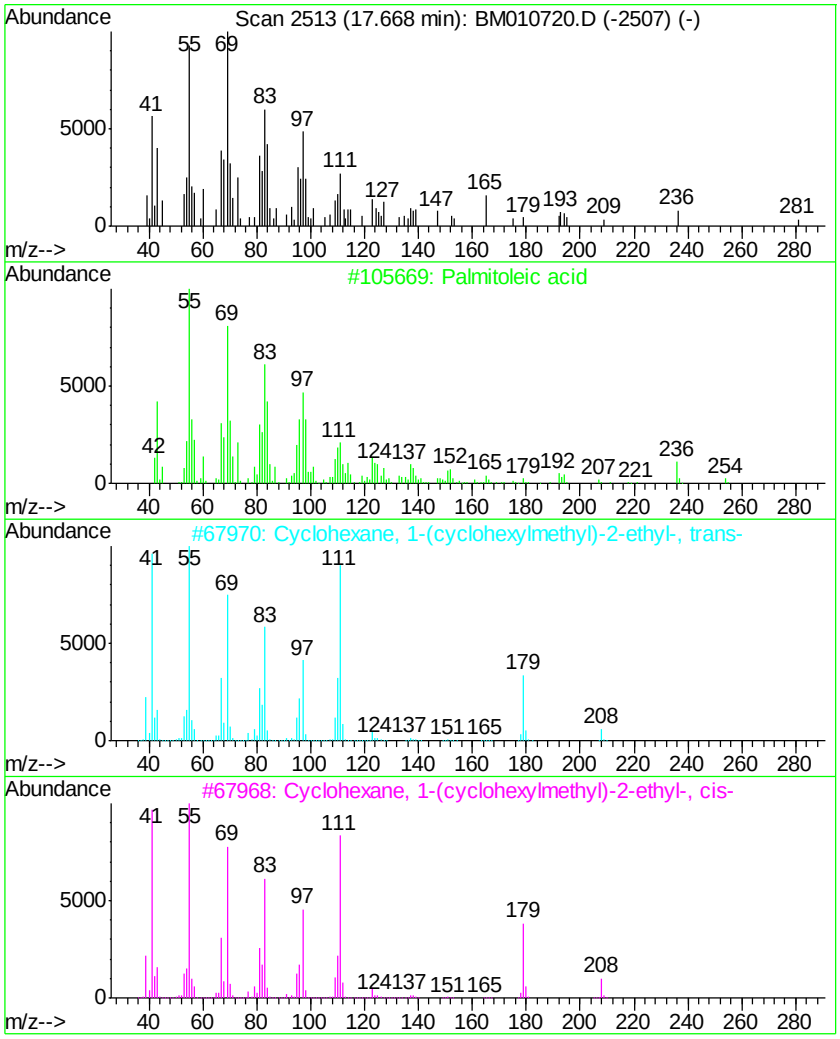
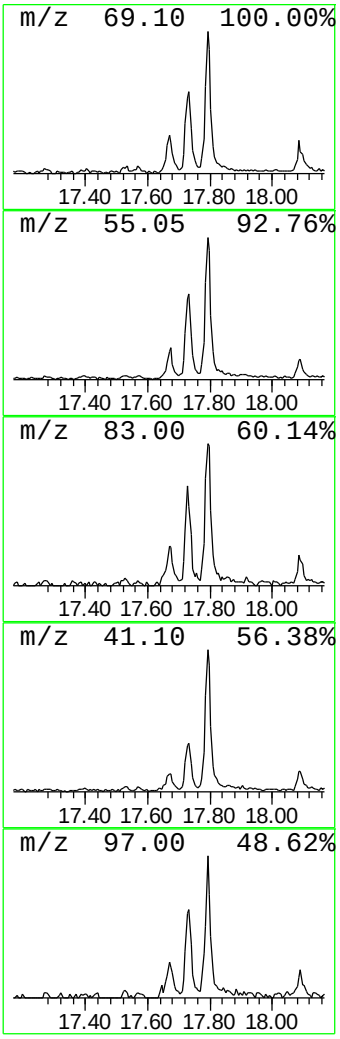
Peak Number 4 Palmitoleic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.07 ng/ul	170485	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	74
2	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	60
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-93-9	52
4	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	49
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
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Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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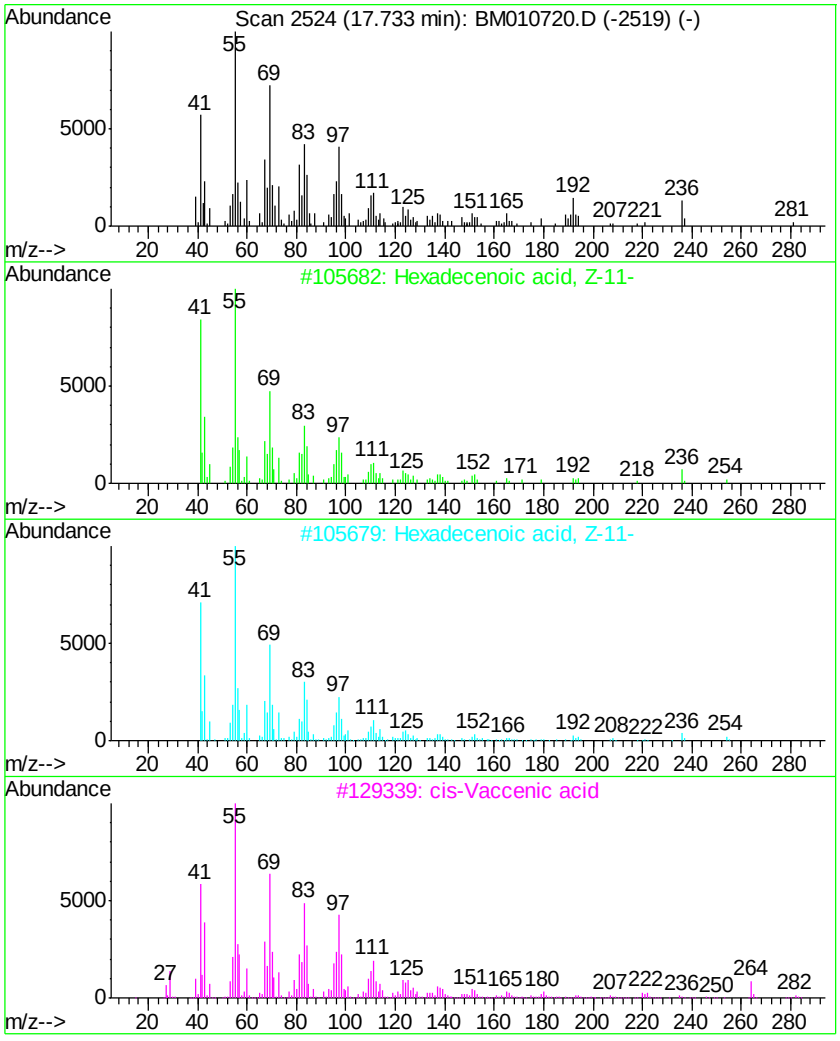
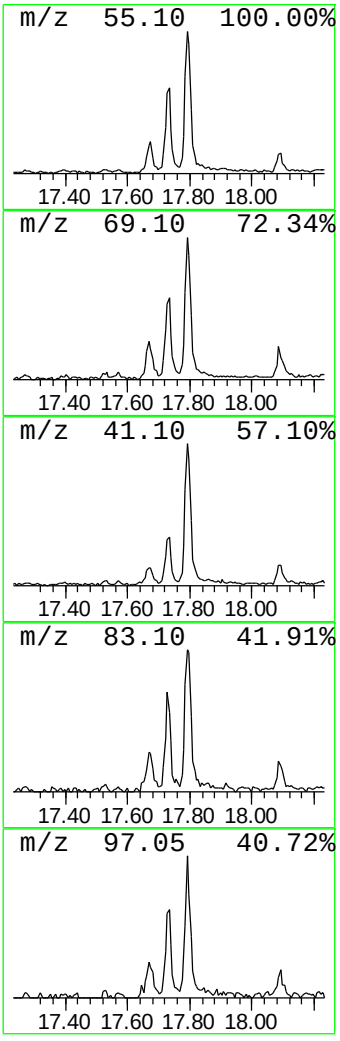
Peak Number 5 Hexadecenoic acid, Z-11- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	4.28 ng/ul	353032	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	72
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	70
4	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	64
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	58





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Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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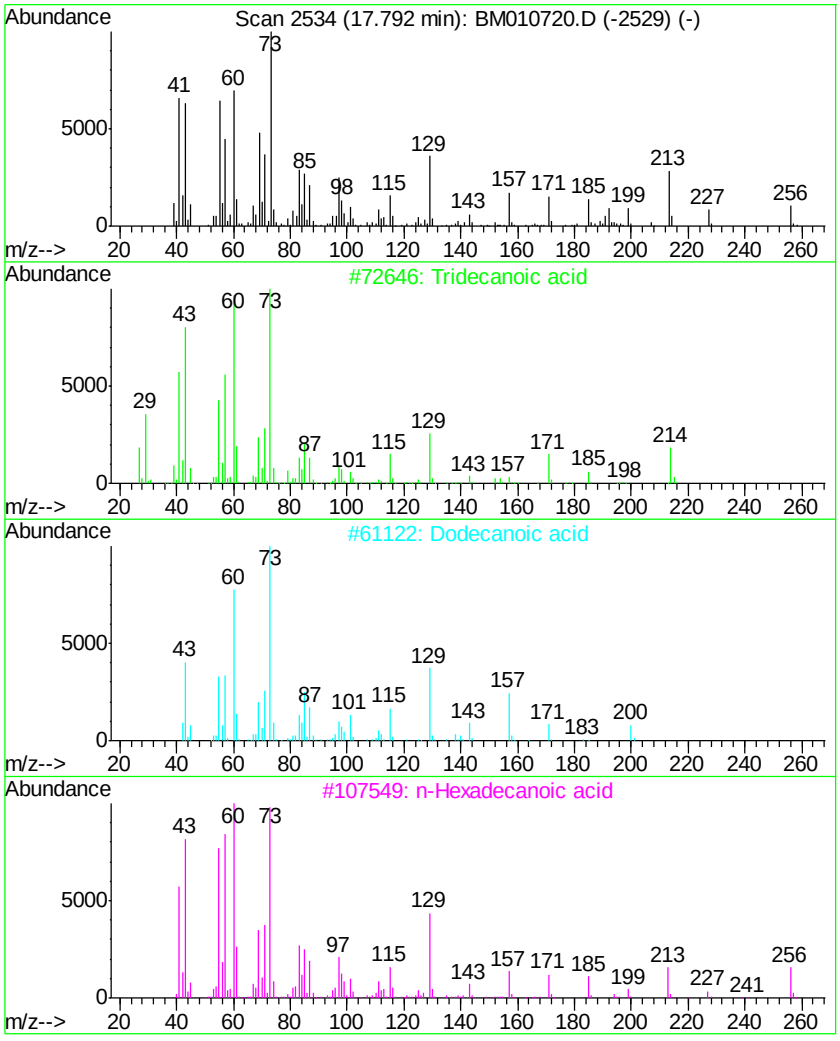
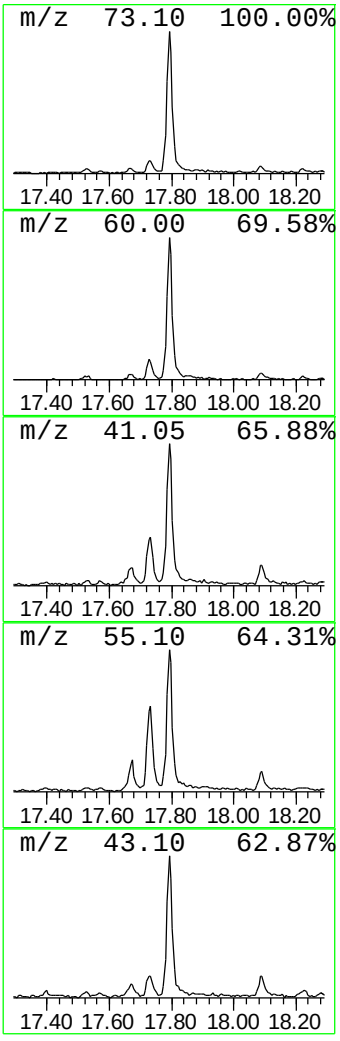
Peak Number 6 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	11.34 ng/ul	935461	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	Dodecanoic acid	200	C12H24O2	000143-07-7	70
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Instrument : BNA_M
ClientSampleId : F5A69

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Quant Title : SVOA CALIBRATION

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

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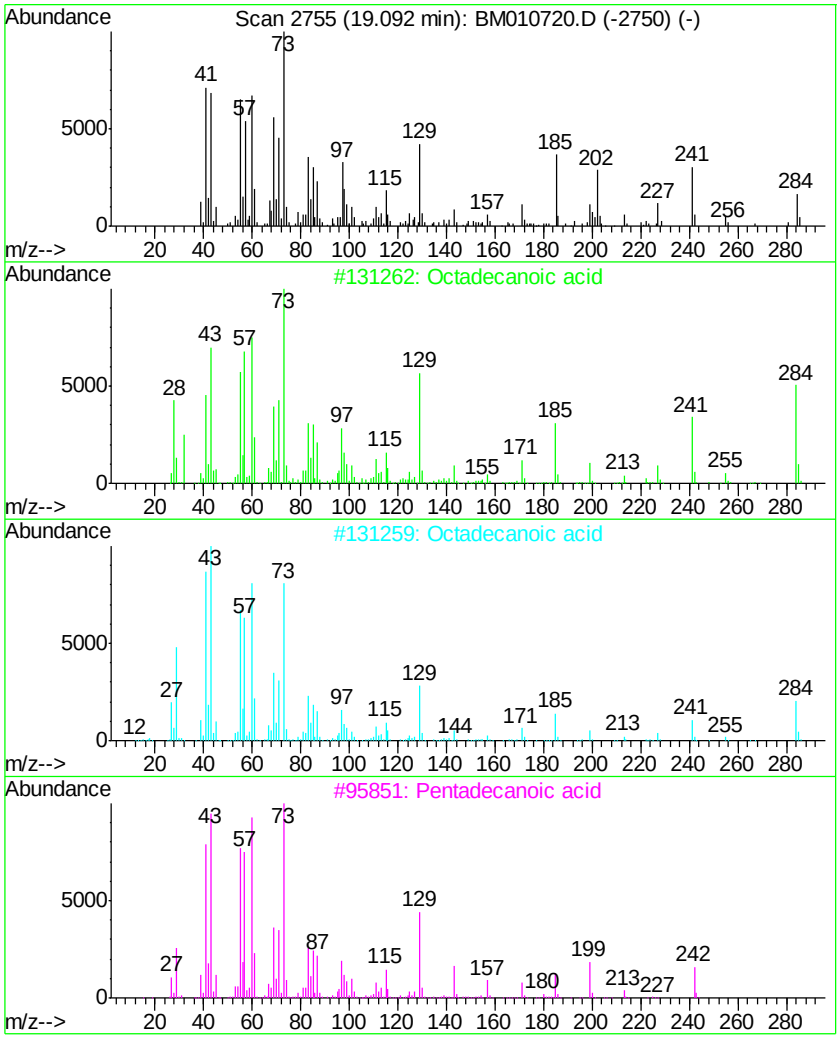
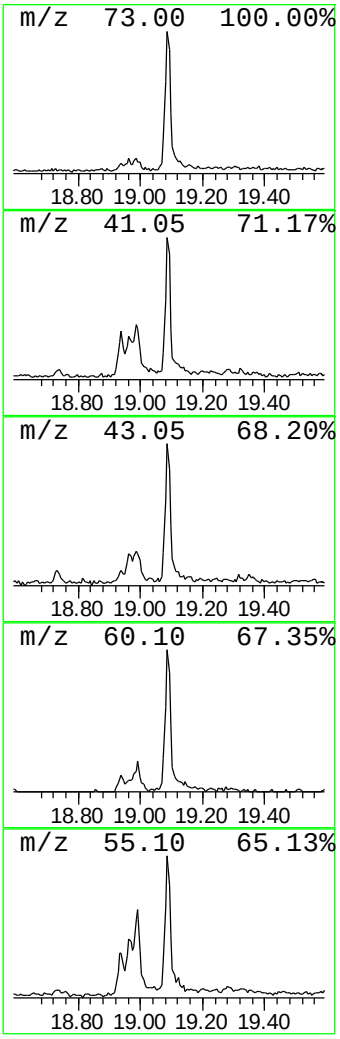
Peak Number 7 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	4.11 ng/ul	534776	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

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Quant Title : SVOA CALIBRATION

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

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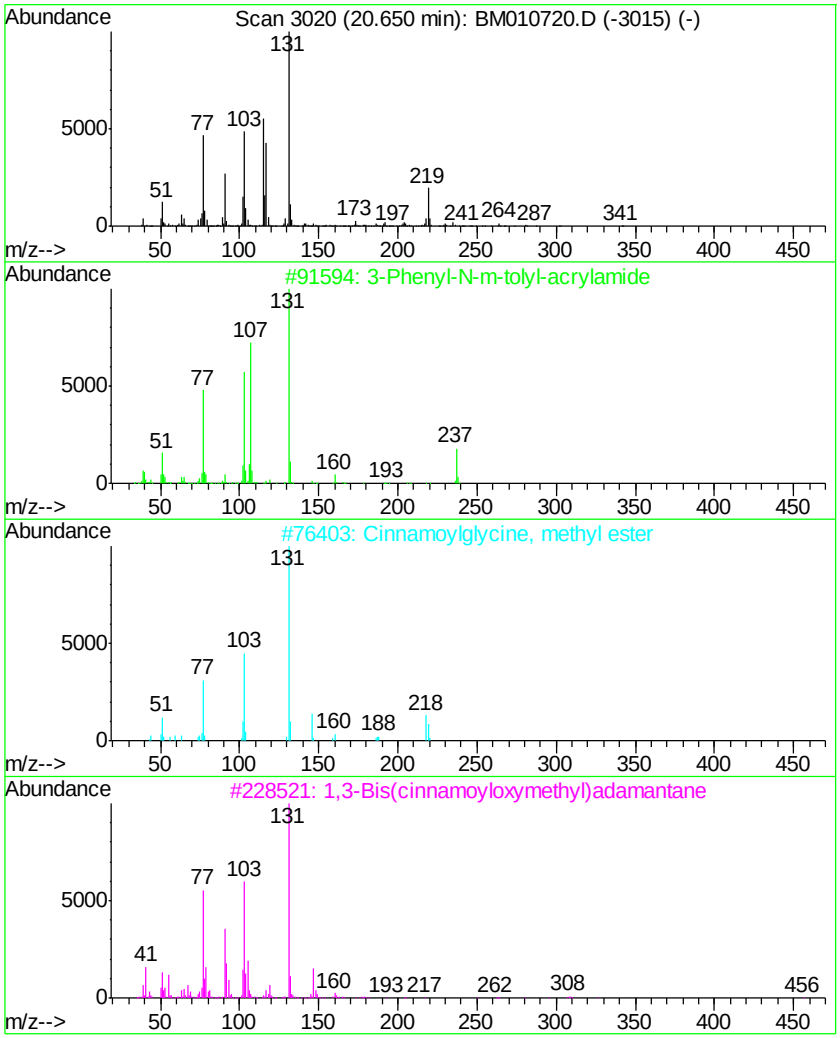
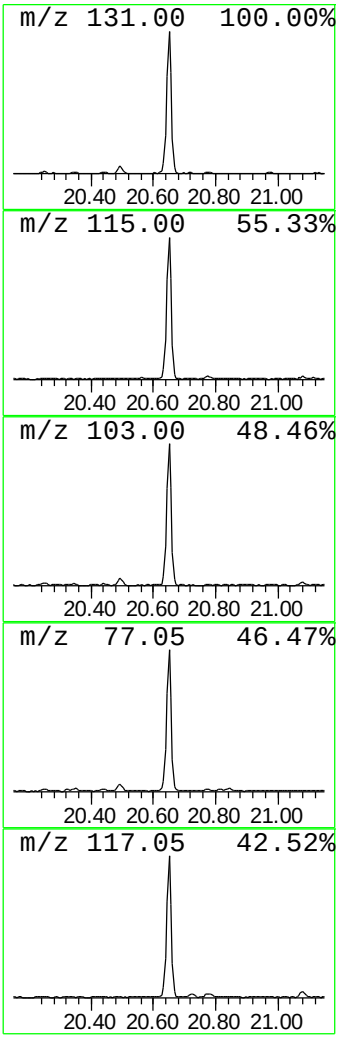
Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	13.38 ng/ul	1741550	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-N-m-tolyl-acrylamide	237	C16H15NO	1000296-12-9	47
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
3	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	47
4	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	43





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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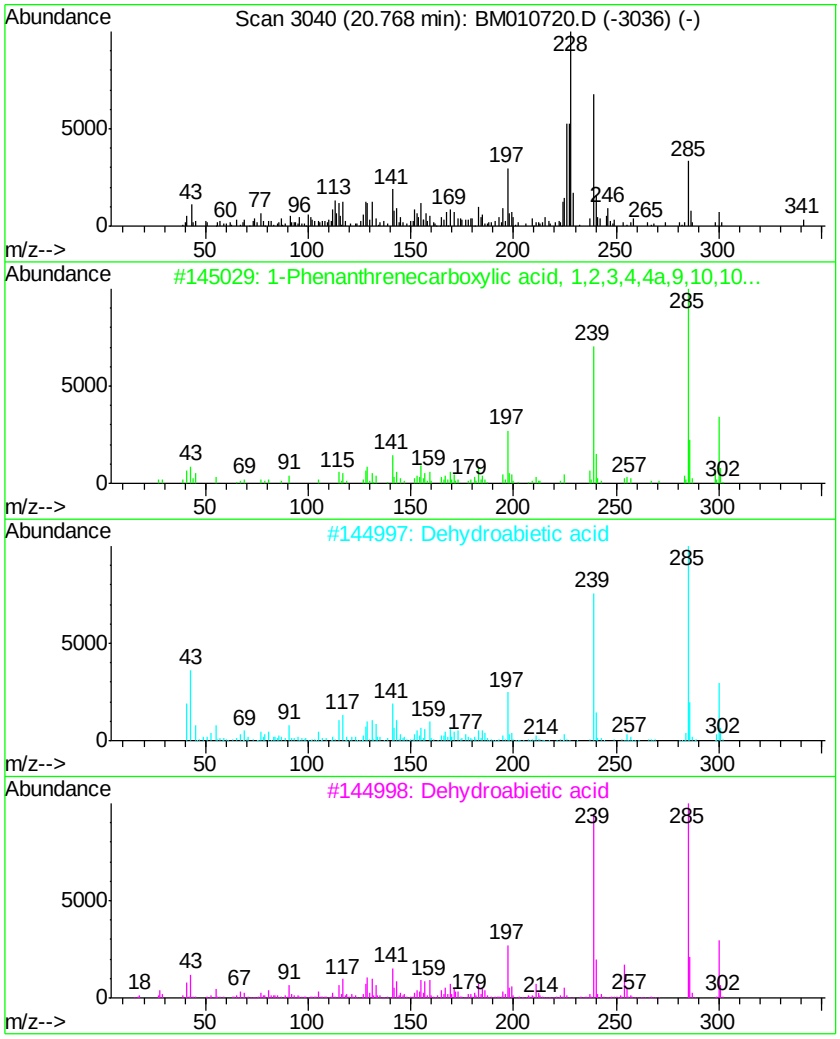
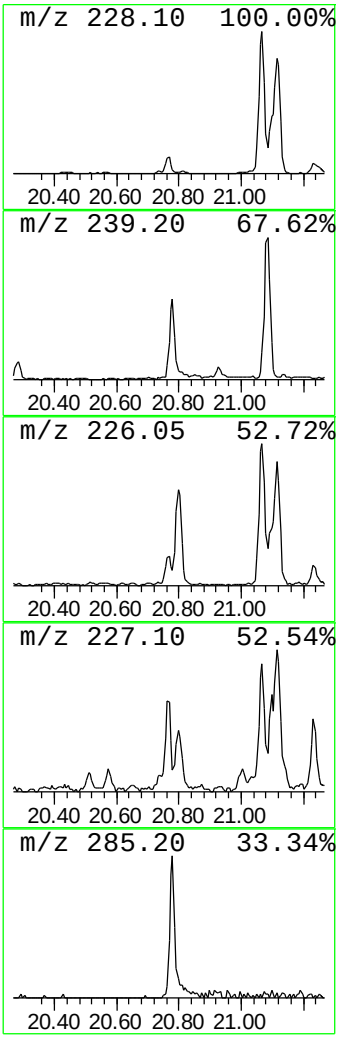
Peak Number 9 1-Phenanthrenecarboxylic ac... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.12 ng/ul	406136	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	89
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	89
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	81
5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	46





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Acq On : 24 Jun 2017 09:14
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Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

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Quant Title : SVOA CALIBRATION

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

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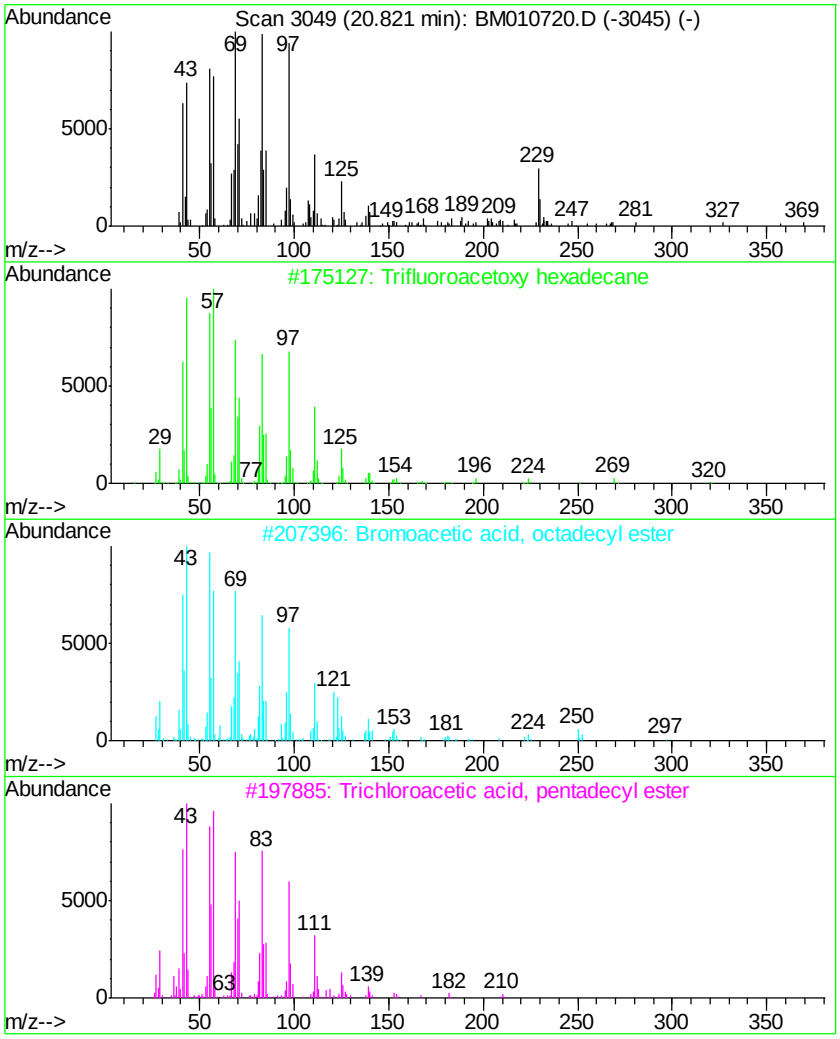
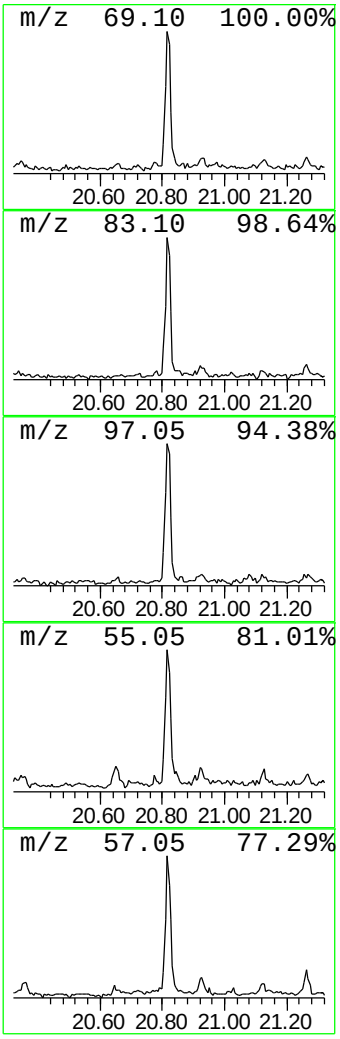
Peak Number 10 Trifluoroacetoxy hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	4.00 ng/ul	520846	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	74
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	72
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	72
5	1-Hexacosanol	382	C26H54O	000506-52-5	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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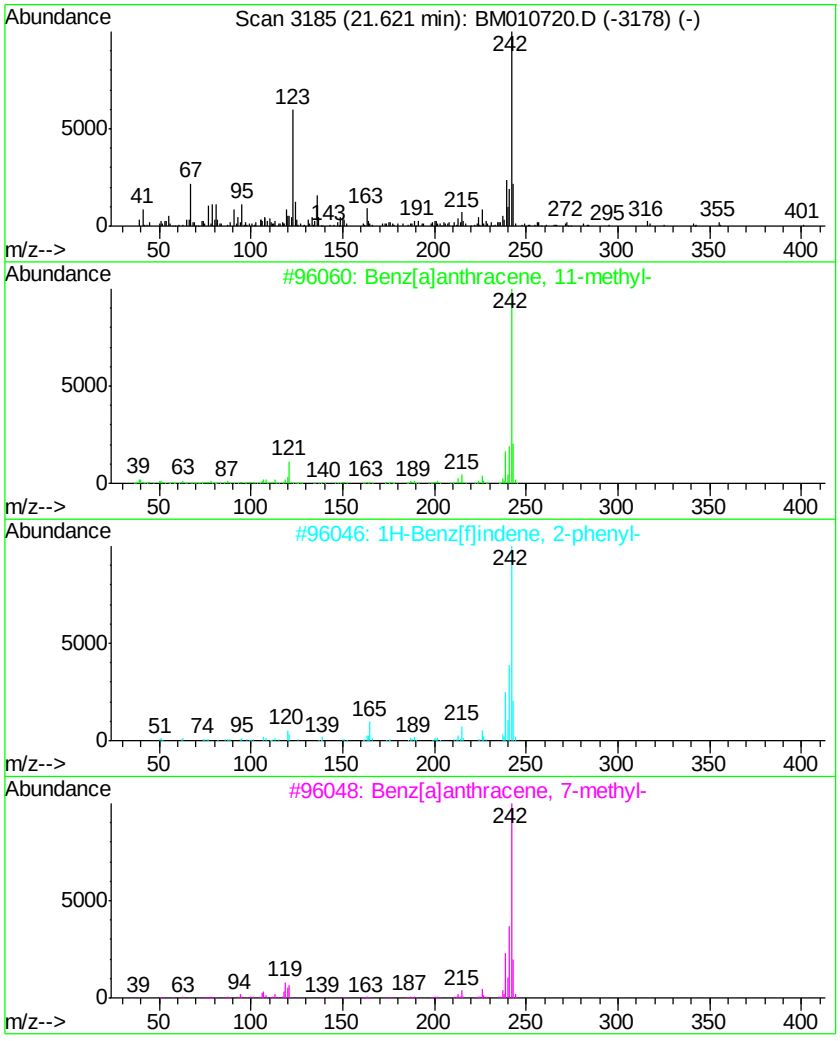
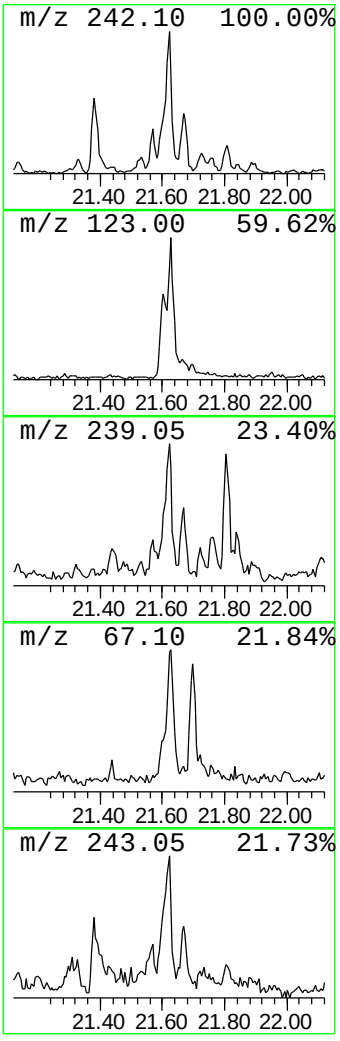
Peak Number 11 Benz[a]anthracene, 11-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	3.39 ng/ul	440714	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	78
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	64
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	64
5	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	60





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Instrument : BNA_M
ClientSampleId : F5A69

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Quant Title : SVOA CALIBRATION

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

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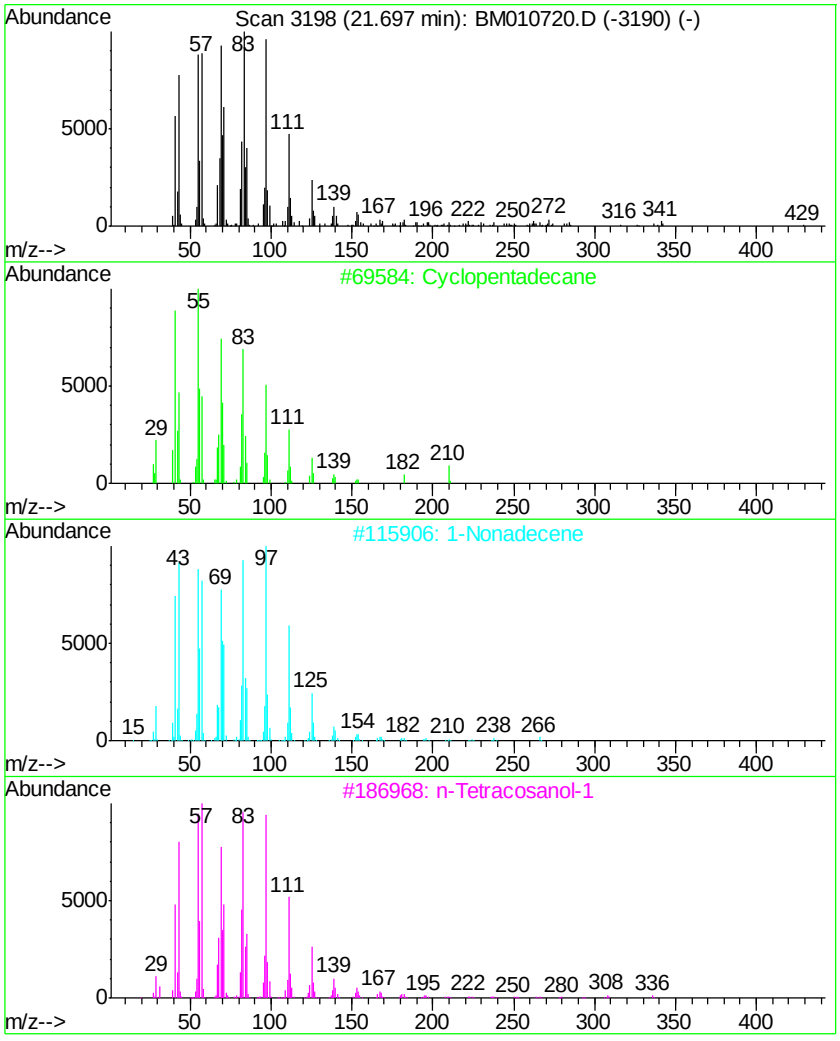
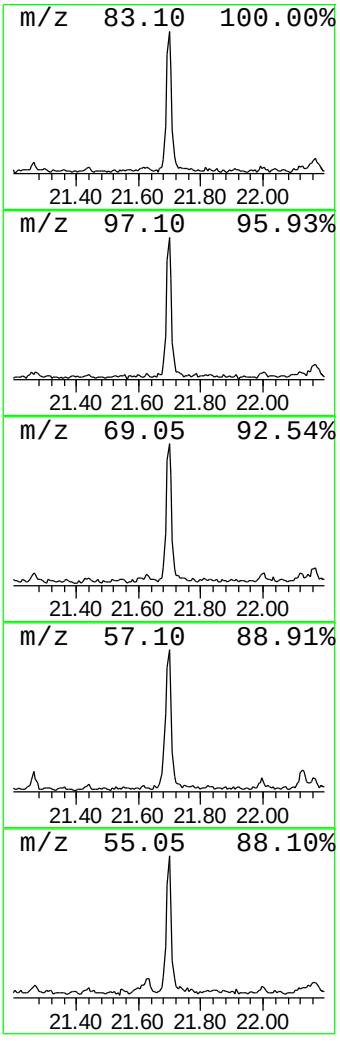
Peak Number 12 (DEL) Alkane: Cyclic21.70 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	4.72 ng/ul	614452	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	95
5	Behenic alcohol	326	C22H46O	000661-19-8	95





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Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

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Quant Title : SVOA CALIBRATION

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

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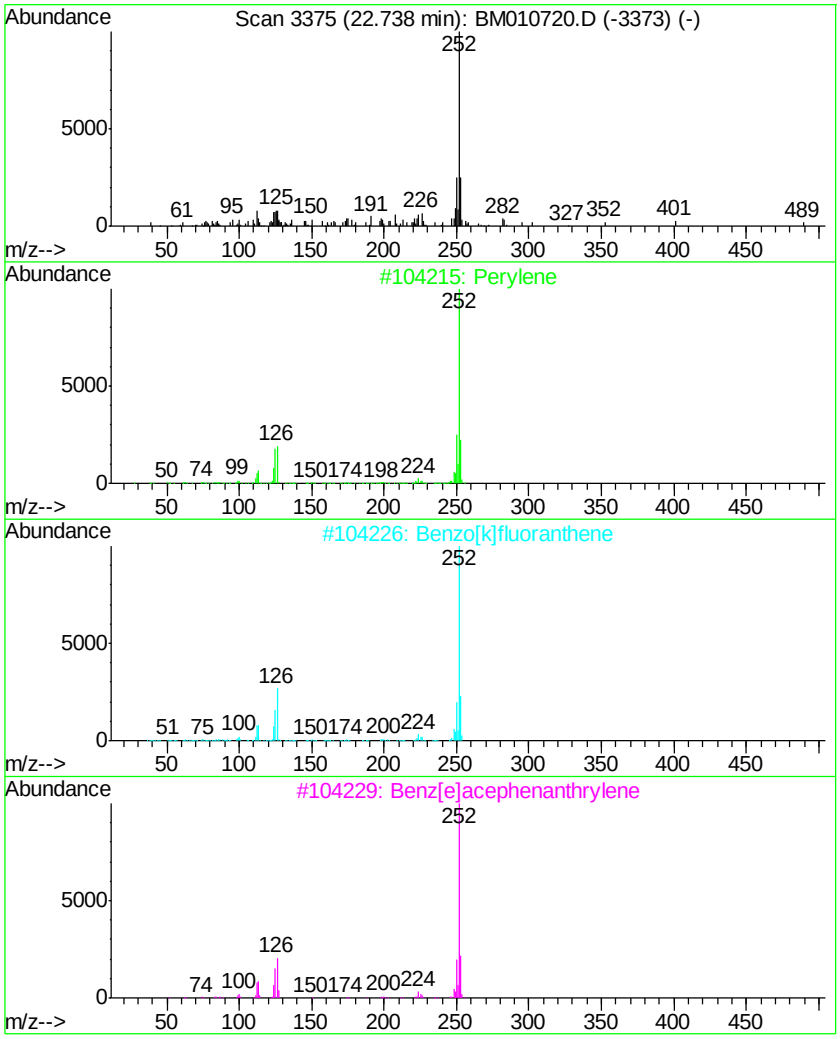
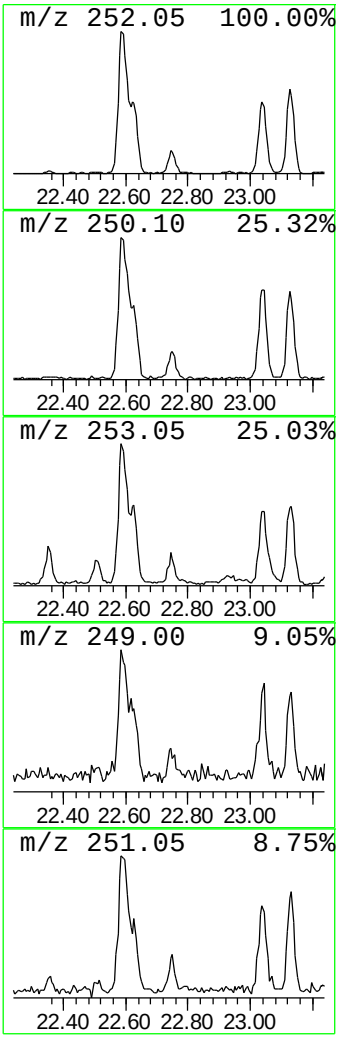
Peak Number 13 Perylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.00 ng/ul	131397	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	76
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
4	Benzo[e]pyrene	252	C20H12	000192-97-2	70
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68





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Misc :
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Instrument : BNA_M
ClientSampleId : F5A69

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Quant Title : SVOA CALIBRATION

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

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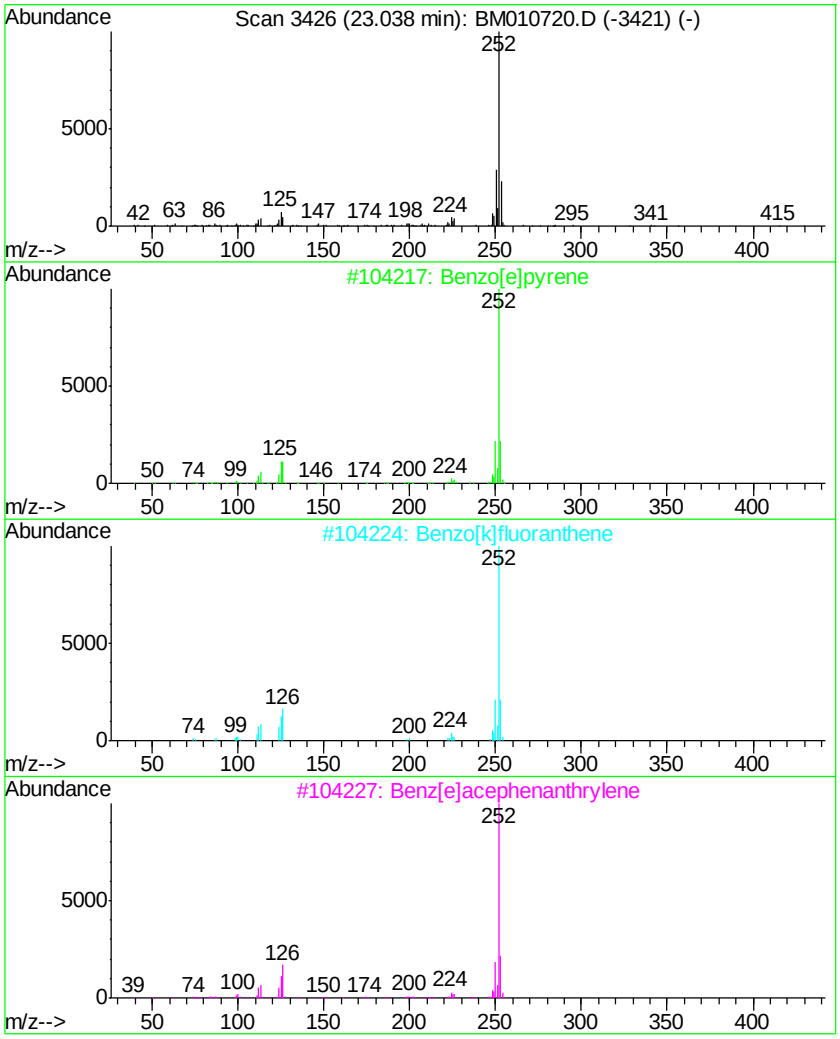
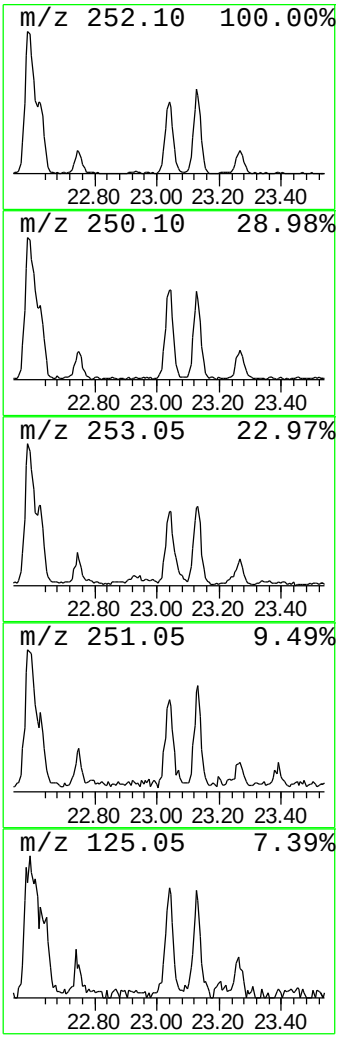
Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	5.61 ng/ul	367968	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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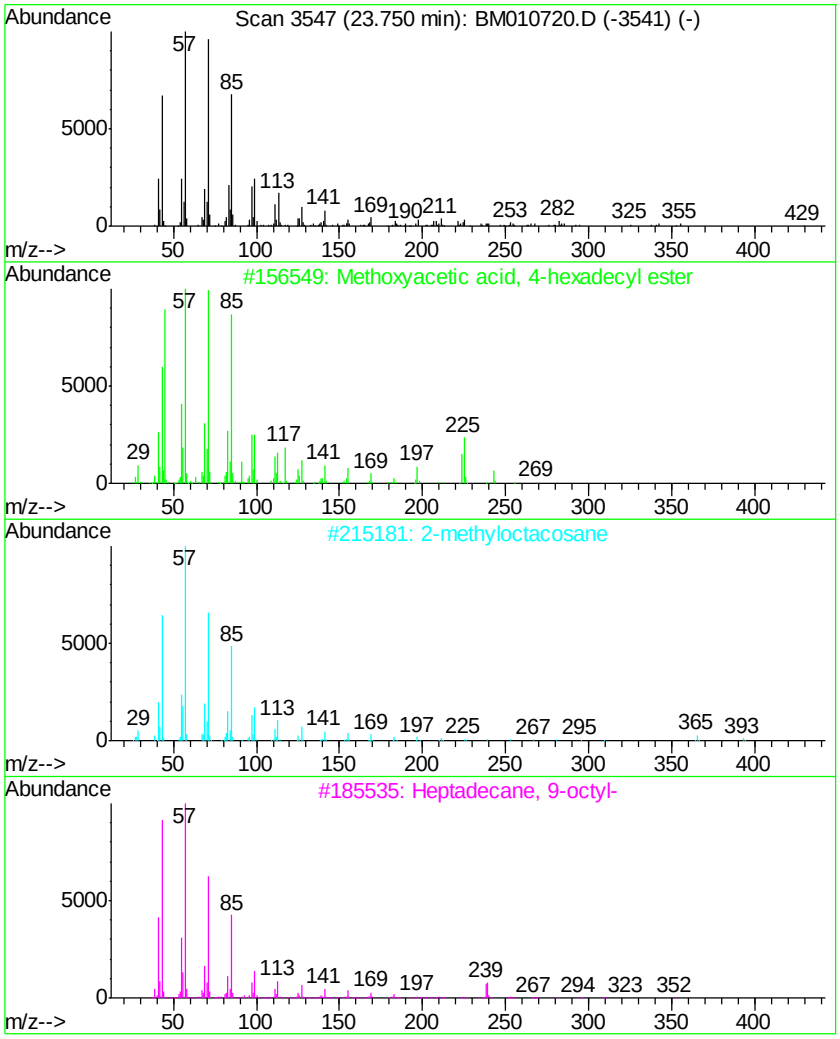
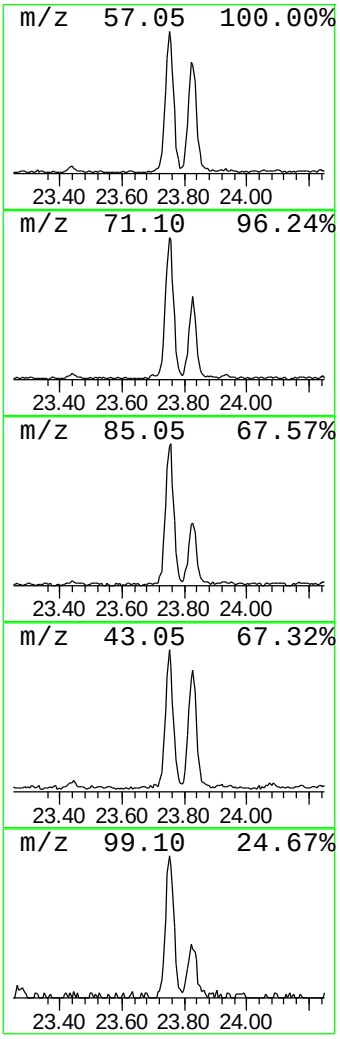
Peak Number 15 Methoxyacetic acid, 4-hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	9.37 ng/ul	614971	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Nonadecane	268	C19H40	000629-92-5	76





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Quant Title : SVOA CALIBRATION

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

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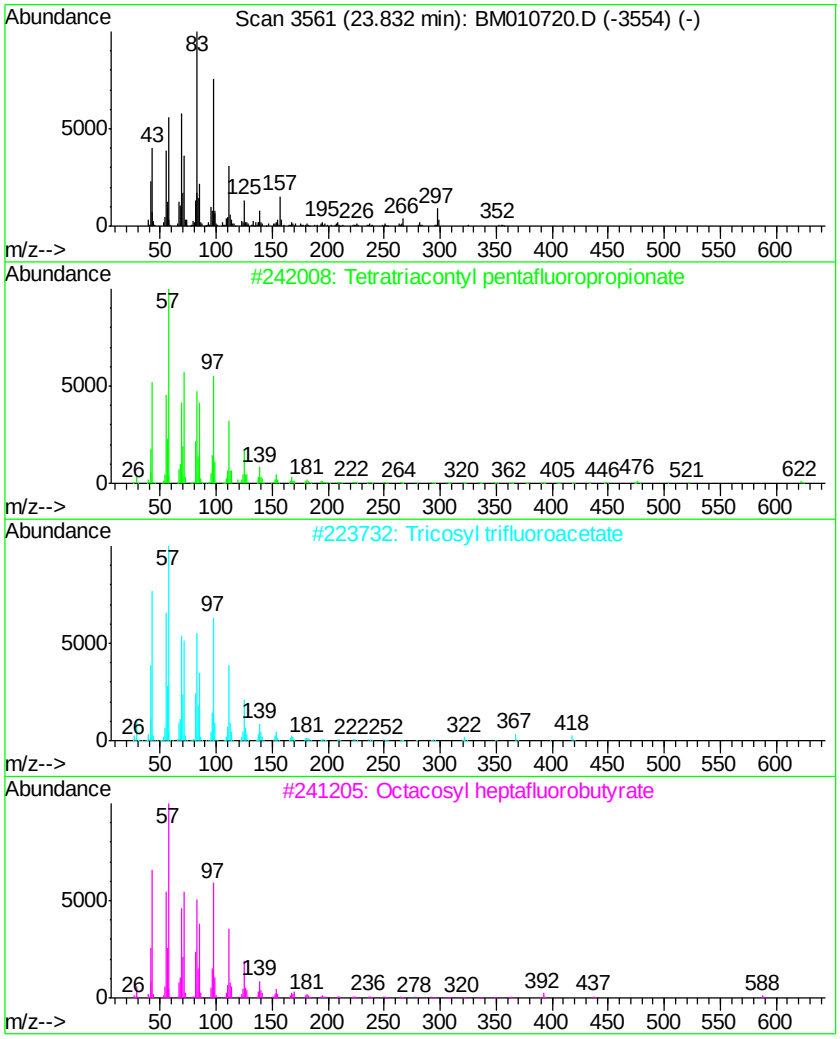
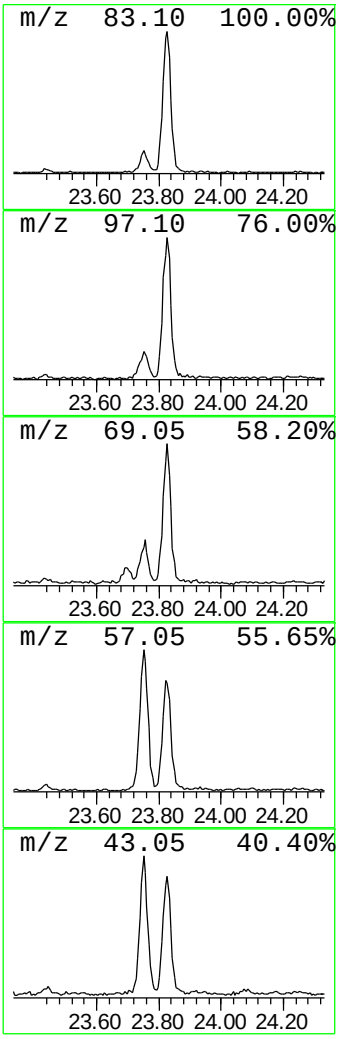
Peak Number 16 Tetratriacontyl pentafluoro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	14.16 ng/ul	929054	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	55
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	53
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	53
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	53
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	53





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Instrument : BNA_M
ClientSampleId : F5A69

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Quant Title : SVOA CALIBRATION

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

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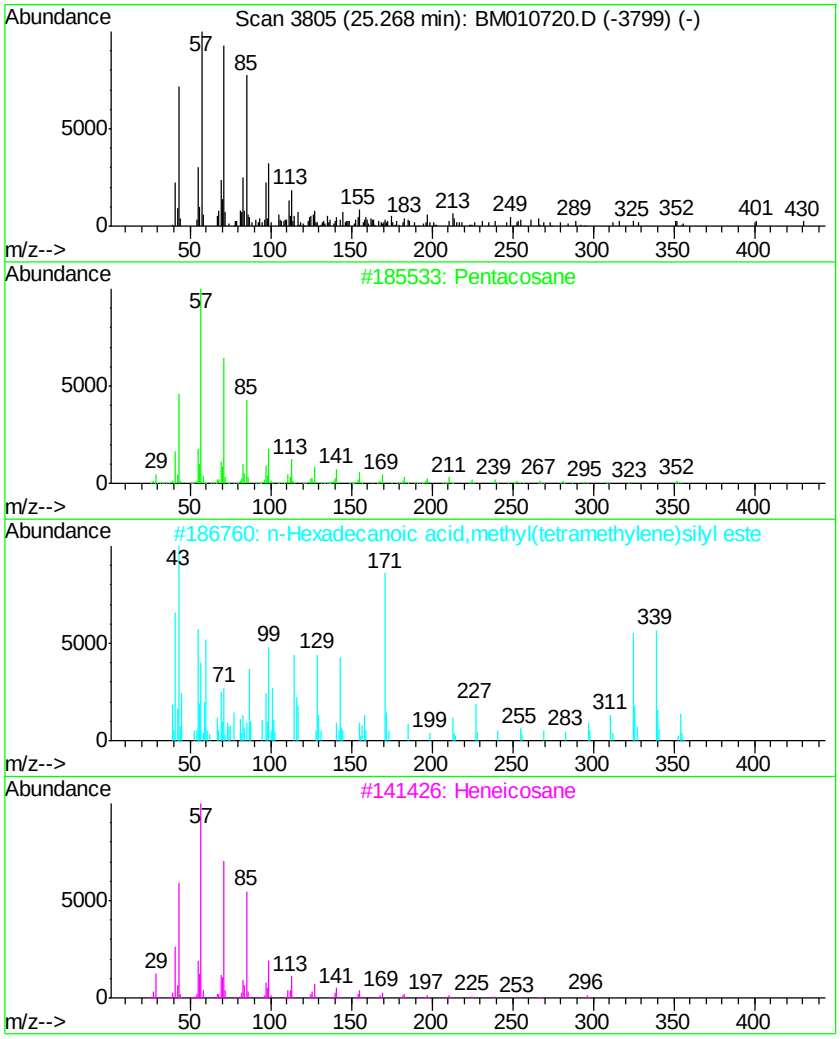
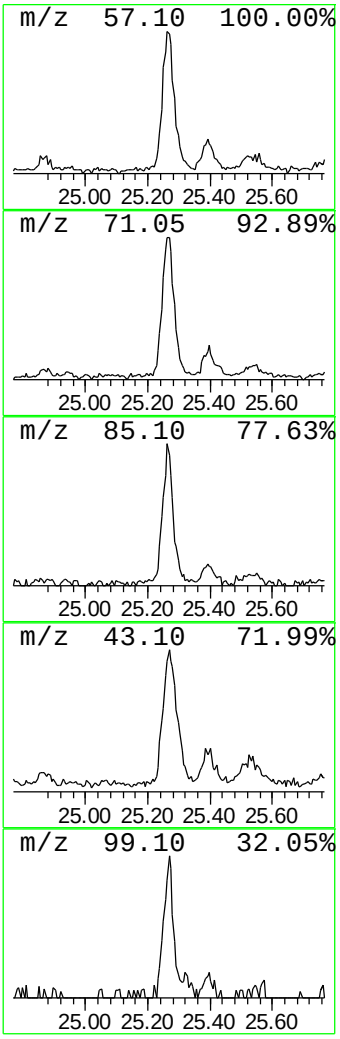
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.27	7.29 ng/ul	478358	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	n-Hexadecanoic acid,methyl(tetra...	354	C21H42O2Si	1000217-04-1	91
3	Heneicosane	296	C21H44	000629-94-7	89
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetracosane	338	C24H50	000646-31-1	80





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Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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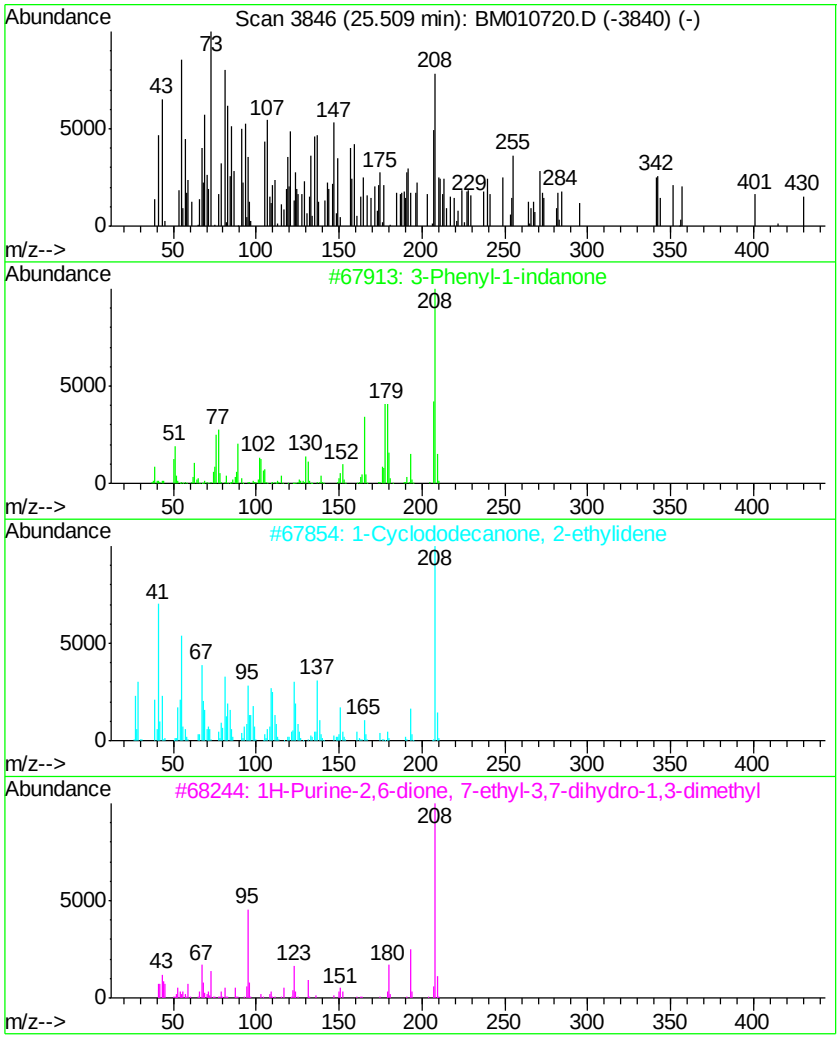
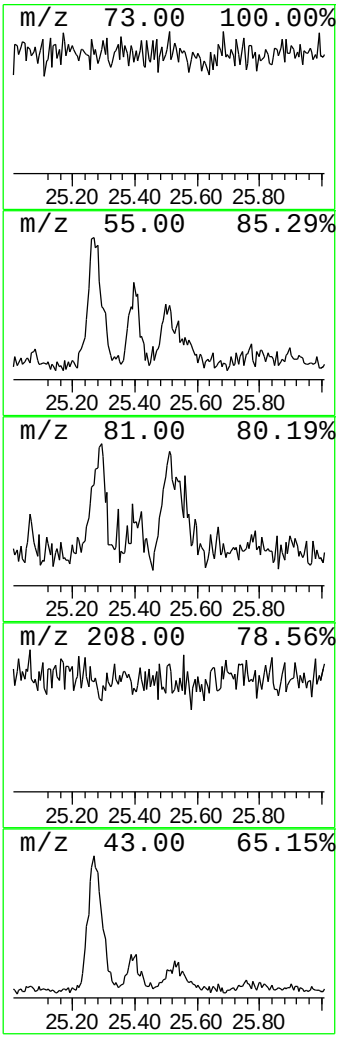
Peak Number 18 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.51	2.44 ng/ul	160347	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-1-indanone	208	C15H12O	016618-72-7	22
2	1-Cyclododecanone, 2-ethylidene	208	C14H24O	001138-01-8	18
3	1H-Purine-2,6-dione, 7-ethyl-3,7...	208	C9H12N4O2	023043-88-1	18
4	Cyclopentanecarboxylic acid, 4-i...	208	C13H20O2	1000159-44-5	18
5	Pyrimidine, 2-chloro-4-(4-fluoro...	208	C10H6ClFN2	085979-59-5	16





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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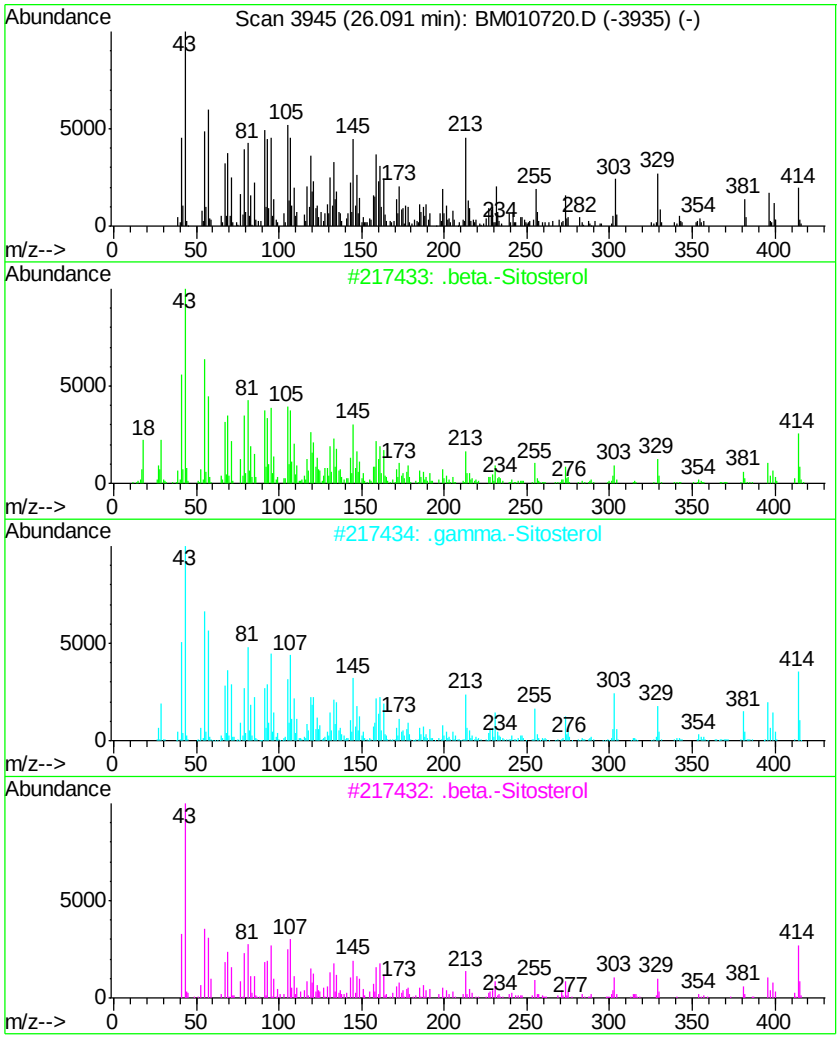
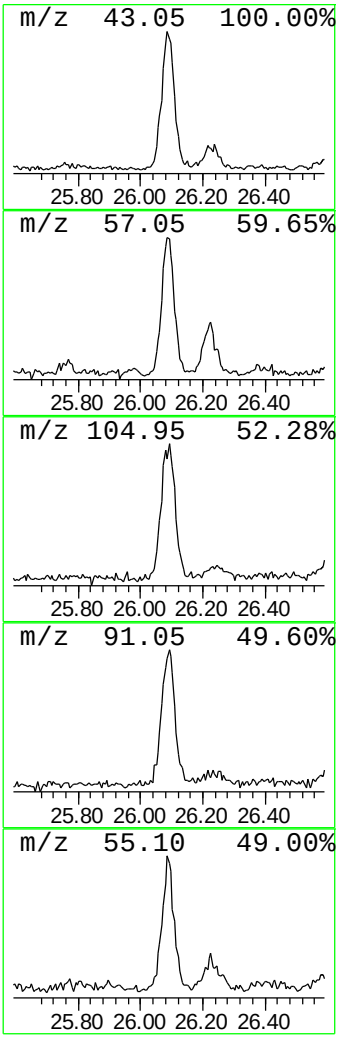
Peak Number 19 .beta.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	20.91 ng/ul	1372320	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	86
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	35
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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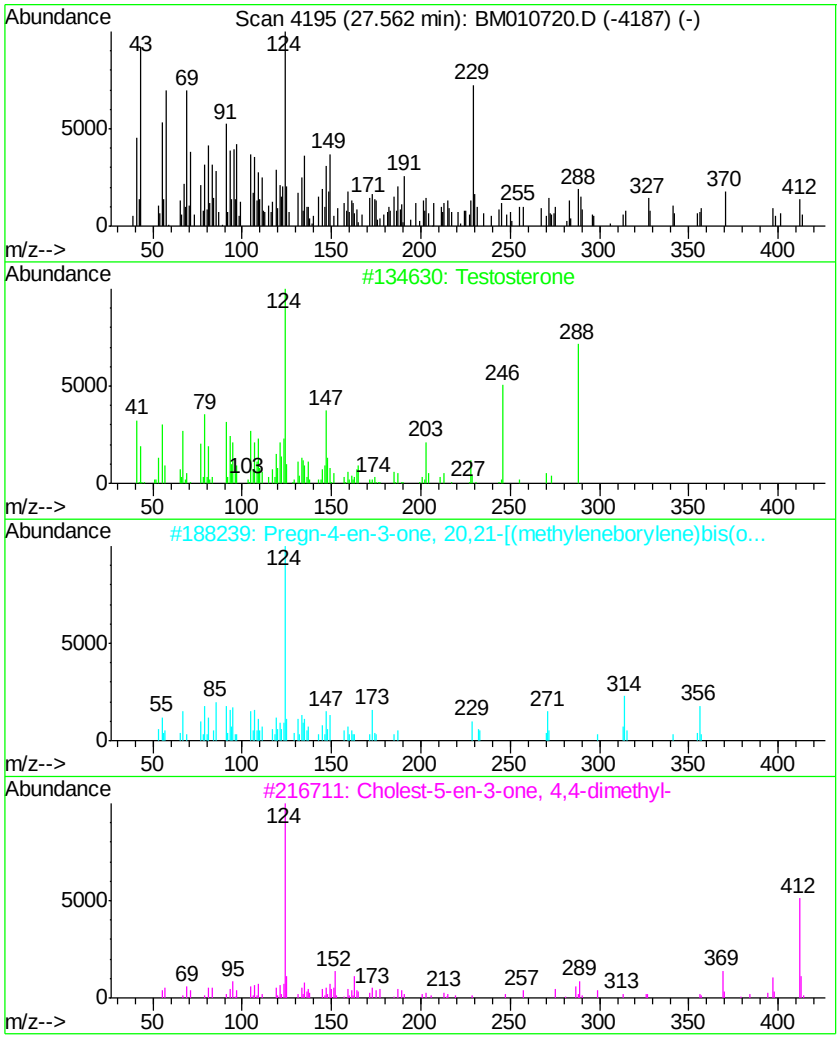
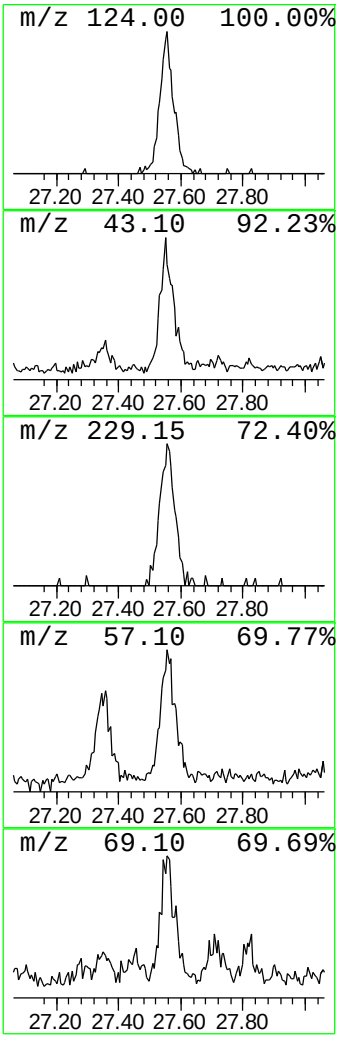
Peak Number 20 Testosterone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.56	8.29 ng/ul	543974	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	50
2	Pregn-4-en-3-one, 20,21-[(methyl...	356	C22H33BO3	030882-65-6	46
3	Cholest-5-en-3-one, 4,4-dimethyl-	412	C29H48O	002220-42-0	43
4	Testosterone	288	C19H28O2	000058-22-0	41
5	Testosterone	288	C19H28O2	000058-22-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
.alpha.-Pinene	6.17	10.6	ng/ul	280861	1	7.46	532064	20.0
Bicyclo[5.2.0]non...	13.43	12.9	ng/ul	766142	3	14.11	1190620	20.0
Dodecanoic acid	16.79	2.1	ng/ul	169588	4	16.86	1649530	20.0
Palmitoleic acid	17.67	2.1	ng/ul	170485	4	16.86	1649530	20.0
Hexadecenoic acid...	17.73	4.3	ng/ul	353032	4	16.86	1649530	20.0
Tridecanoic acid	17.79	11.3	ng/ul	935461	4	16.86	1649530	20.0
Octadecanoic acid	19.09	4.1	ng/ul	534776	5	21.08	2602680	20.0
unknown-01	20.65	13.4	ng/ul	1741550	5	21.08	2602680	20.0
1-Phenanthrenecar...	20.77	3.1	ng/ul	406136	5	21.08	2602680	20.0
Trifluoroacetoxy ...	20.82	4.0	ng/ul	520846	5	21.08	2602680	20.0
Benz[a]anthracene...	21.62	3.4	ng/ul	440714	5	21.08	2602680	20.0
(DEL) Alkane: Cyc...	21.70	4.7	ng/ul	614452	5	21.08	2602680	20.0
Perylene	22.74	2.0	ng/ul	131397	6	23.22	1312630	20.0
Benzo[e]pyrene	23.04	5.6	ng/ul	367968	6	23.22	1312630	20.0
Methoxyacetic aci...	23.75	9.4	ng/ul	614971	6	23.22	1312630	20.0
Tetratriacontyl p...	23.83	14.2	ng/ul	929054	6	23.22	1312630	20.0
(DEL) Alkane: Str...	25.27	7.3	ng/ul	478358	6	23.22	1312630	20.0
unknown-02	25.51	2.4	ng/ul	160347	6	23.22	1312630	20.0
.beta.-Sitosterol	26.09	20.9	ng/ul	1372320	6	23.22	1312630	20.0
Testosterone	27.56	8.3	ng/ul	543974	6	23.22	1312630	20.0