LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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	6.646	633	639	648	rBV	267045	414825	14.75%	0.742%
2	6.810	659	667	671	rBV	182629	277934	9.88%	0.497%
3	6.993	692	698	709	rBB	264931	409878	14.57%	0.733%
4	7.457	770	777	783	rVB	324017	484654	17.23%	0.867%
5	8.163	888	897	908	rVB	333074	502536	17.87%	0.899%
6	8.598	965	971	979	rBB	277311	435878	15.50%	0.779%
7	9.310	1087	1092	1099	rBV	254588	410787	14.60%	0.735%
8	9.845	1176	1183	1192	rVB	423082	661597	23.52%	1.183%
9	10.216	1239	1246	1252	rBV	472019	772253	27.46%	1.381%
10	10.363	1265	1271	1280	rBV	135912	235967	8.39%	0.422%
11	12.110	1562	1568	1573	rVB2	139970	205552	7.31%	0.368%
12	12.457	1623	1627	1632	rVB2	49163	70216	2.50%	0.126%
13	12.986	1712	1717	1721	rBV	65399	88984	3.16%	0.159%
14	13.527	1803	1809	1813	rBV	807014	1092543	38.84%	1.954%
15	13.574	1813	1817	1823	rVB	280021	369662	13.14%	0.661%
16	13.792	1848	1854	1865	rBV	826302	1200720	42.69%	2.147%
17	14.110	1899	1908	1914	rBV2	785987	1178033	41.88%	2.107%
18	14.169	1914	1918	1922	rBV	48534	64338	2.29%	0.115%
19	14.321	1938	1944	1951	rBV	393237	567259	20.17%	1.014%
20	14.474	1964	1970	1973	rBV2	58602	85179	3.03%	0.152%
21	14.510	1973	1976	1981	rVB	76145	102148	3.63%	0.183%
22	15.110	2072	2078	2083	rBV	1118310	1538807	54.71%	2.752%
23	15.163	2083	2087	2092	rVB	233311	310619	11.04%	0.555%
24	15.233	2092	2099	2105	rBV	399171	520952	18.52%	0.932%
25	15.610	2158	2163	2169	rVB3	46200	87987	3.13%	0.157%
26	15.863	2196	2206	2213	rBV4	28565	55458	1.97%	0.099%
27	16.168	2248	2258	2264	rBV3	43624	99151	3.53%	0.177%
28	16.598	2327	2331	2337	rBV3	30823	55201	1.96%	0.099%
29	16.680	2341	2345	2354	rVV	111925	164585	5.85%	0.294%
30	16.786	2357	2363	2369	rBV3	41929	61398	2.18%	0.110%
31	16.862	2370	2376	2379	rVV	1062229	1522021	54.11%	2.722%
32	16.904	2379	2383	2388	rVV	1748802	2386561	84.85%	4.268%
33	16.962	2388	2393	2396	rVV	1176710	1721733	61.21%	3.079%
34	16.992	2396	2398	2404	rVB	260436	337689	12.01%	0.604%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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	17.268	2440	2445	2450	rBV	181821	241722	8.59%	0.432%
36	17.668	2506	2513	2516	rBV4	58206	101412	3.61%	0.181%
37	17.727	2518	2523	2529	rVV2	381729	613131	21.80%	1.096%
38	17.792	2529	2534	2541	rVV2	1063042	1480090	52.62%	2.647%
39	17.862	2541	2546	2552	rVV2	113721	215185	7.65%	0.385%
40	17.933	2552	2558	2562	rVV2	269061	449662	15.99%	0.804%
41	17.968	2562	2564	2568	rVV	80884	92173	3.28%	0.165%
42	18.086	2580	2584	2590	rVB3	56623	74530	2.65%	0.133%
43	18.251	2604	2612	2615	rVV	133146	217856	7.75%	0.390%
44	18.668	2677	2683	2689	rBV3	85114	151507	5.39%	0.271%
45	18.733	2689	2694	2697	rBV5	44953	70477	2.51%	0.126%
46	18.815	2705	2708	2715	rVB7	50655	93761	3.33%	0.168%
47	18.933	2719	2728	2732	rBV	1779632	2569525	91.35%	4.595%
48	18.962	2732	2733	2744	rVB3	534079	724603	25.76%	1.296%
49	19.086	2750	2754	2764	rBV	364503	469831	16.70%	0.840%
50	19.180	2766	2770	2777	rVB4	56000	94294	3.35%	0.169%
51	19.274	2780	2786	2788	rBV	1751491	2418770	85.99%	4.325%
52	19.298	2788	2790	2800	rVB	1055105	1417243	50.39%	2.534%
53	19.374	2800	2803	2813	rVB3	68089	115920	4.12%	0.207%
54	19.486	2815	2822	2828	rBV	79394	123308	4.38%	0.221%
55	19.627	2839	2846	2847	rBV2	68329	109481	3.89%	0.196%
56	19.686	2853	2856	2860	rVB	50977	60194	2.14%	0.108%
57	19.768	2865	2870	2872	rBV5	59049	91436	3.25%	0.164%
58	19.803	2872	2876	2881	rVB	255811	362838	12.90%	0.649%
59	19.903	2888	2893	2897	rBV	305744	416341	14.80%	0.745%
60	19.962	2897	2903	2907	rVV3	104917	197072	7.01%	0.352%
61	20.074	2919	2922	2924	rVV4	67078	79120	2.81%	0.141%
62	20.098	2924	2926	2930	rVB2	51576	57690	2.05%	0.103%
63	20.156	2930	2936	2937	rBV2	45889	84481	3.00%	0.151%
64	20.174	2937	2939	2944	rVB6	63780	83680	2.98%	0.150%
65	20.339	2963	2967	2970	rBV2	52537	75682	2.69%	0.135%
66	20.474	2987	2990	2994	rBV6	51737	80901	2.88%	0.145%
67	20.515	2995	2997	3004	rVB7	35340	61114	2.17%	0.109%
68	20.721	3028	3032	3035	rVV	98281	122420	4.35%	0.219%
69	20.762	3035	3039	3042	rVV2	81263	107955	3.84%	0.193%
70	20.815	3042	3048	3060	rVB4	402568	613501	21.81%	1.097%
71	20.921	3063	3066	3070	rBV5	67887	85979	3.06%	0.154%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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	21.074	3085	3092	3096	rBV2	1492741	2371156	84.30%	4.240%
73	21.115	3096	3099	3107	rVB	405910	553087	19.66%	0.989%
74	21.227	3115	3118	3121	rBV	78055	102919	3.66%	0.184%
75	21.392	3141	3146	3150	rBV2	53551	87519	3.11%	0.157%
76	21.433	3150	3153	3160	rVB9	44891	62013	2.20%	0.111%
77	21.556	3170	3174	3178	rBV7	43137	74637	2.65%	0.133%
78	21.686	3190	3196	3202	rBV3	289713	484492	17.22%	0.866%
79	21.992	3245	3248	3254	rVB6	86071	149559	5.32%	0.267%
80	22.121	3267	3270	3279	rVB4	85474	151741	5.39%	0.271%
81	22.239	3287	3290	3297	rVB	83917	109566	3.90%	0.196%
82	22.339	3303	3307	3314	rBV5	157770	198488	7.06%	0.355%
83	22.603	3344	3352	3355	rBV2	818848	1397816	49.70%	2.500%
84	22.644	3355	3359	3369	rVB	1859075	2612214	92.87%	4.671%
85	22.856	3391	3395	3399	rBV5	82147	116638	4.15%	0.209%
86	23.080	3428	3433	3438	rBV2	782101	1340867	47.67%	2.398%
87	23.133	3438	3442	3448	rVB2	138865	273396	9.72%	0.489%
88	23.215	3448	3456	3463	rBV	705468	1363984	48.49%	2.439%
89	23.433	3487	3493	3503	rVB	940528	1606313	57.11%	2.872%
90	23.744	3540	3546	3553	rBV	439752	810118	28.80%	1.449%
91	23.821	3553	3559	3567	rVB	656082	1163100	41.35%	2.080%
92	24.427	3655	3662	3672	rVB6	423261	1012523	36.00%	1.811%
93	24.862	3731	3736	3743	rVB9	96873	209527	7.45%	0.375%
94	25.280	3800	3807	3818	rVB9	205554	652925	23.21%	1.168%
95	25.391	3818	3826	3836	rVB2	381732	952006	33.85%	1.702%
96	25.497	3837	3844	3853	rBV8	165480	460409	16.37%	0.823%
97	26.080	3933	3943	3957	rVB6	976456	2812756	100.00%	5.030%
98	26.385	3990	3995	4002	rBV6	64578	156972	5.58%	0.281%
99	27.550	4184	4193	4206	rVB7	228097	801763	28.50%	1.434%
100	28.203	4295	4304	4314	rBV5	266433	914996	32.53%	1.636%

Sum of corrected areas: 55921490

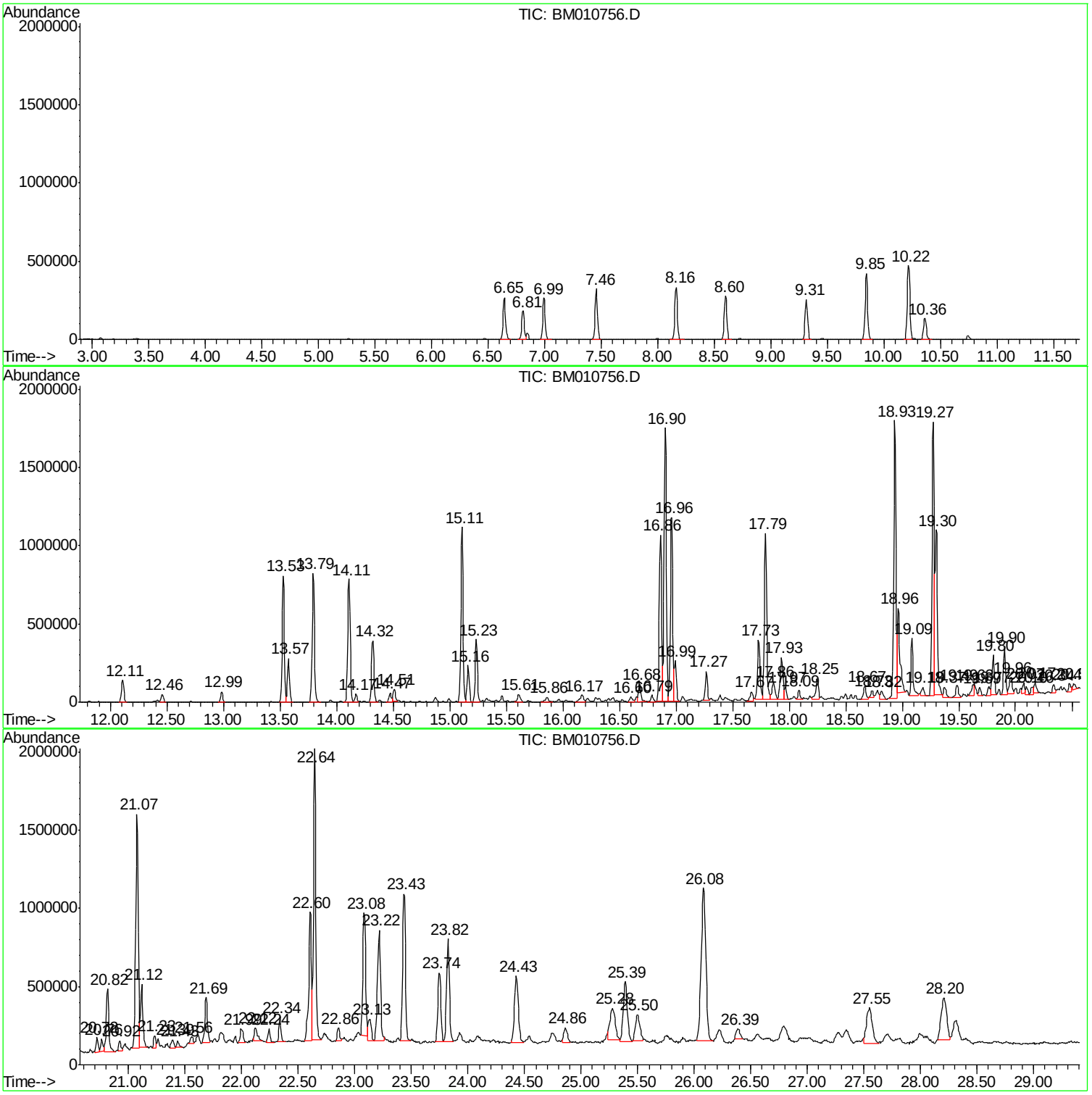
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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

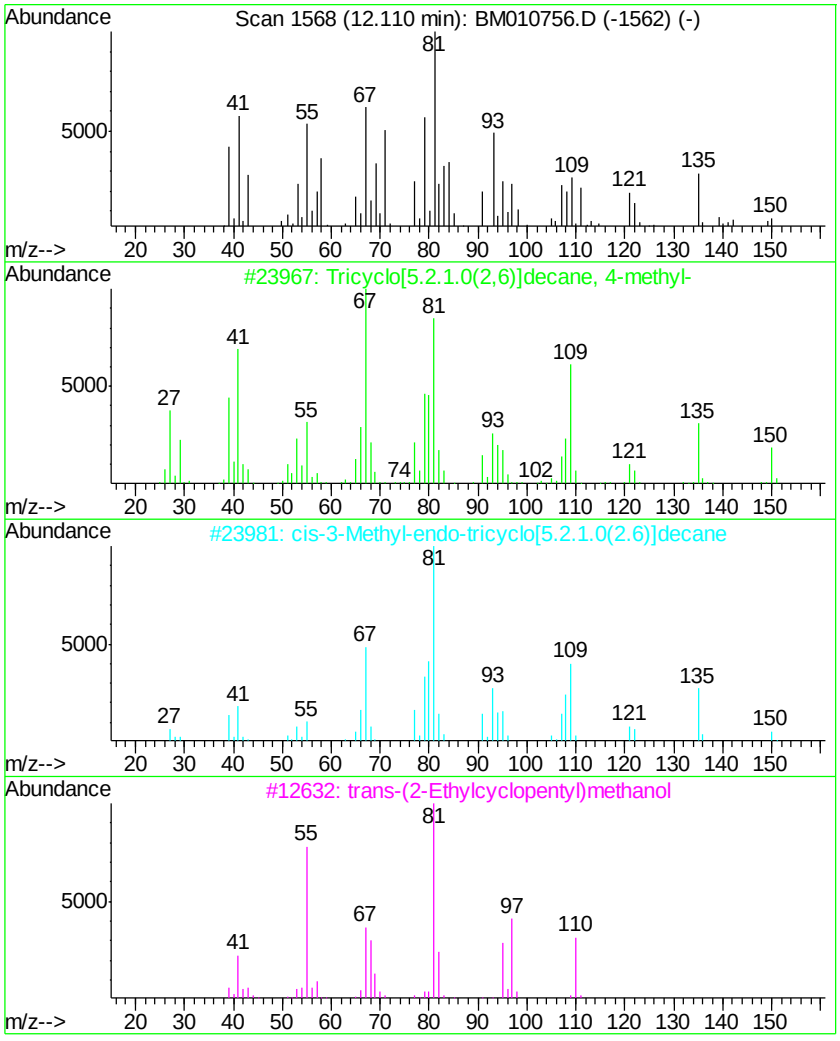
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

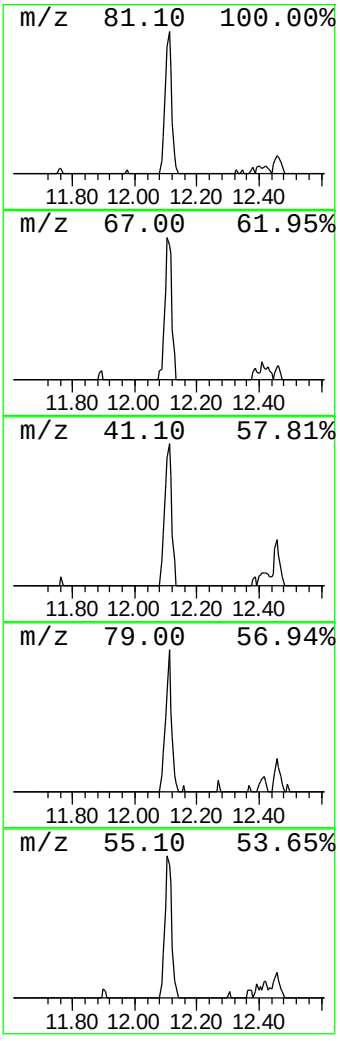
****

Peak Number 1 Tricyclo[5.2.1.0(2,6)]decan... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.32 ng/ul	205552	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.2.1.0(2,6)]decane, 4-...	150	C11H18	1000150-03-4	52
2	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	38
3	trans-(2-Ethylcyclopentyl)methanol	128	C8H16O	036258-08-9	27
4	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	25
5	2,4-Dodecadienal, (E,E)-	180	C12H20O	021662-16-8	22





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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

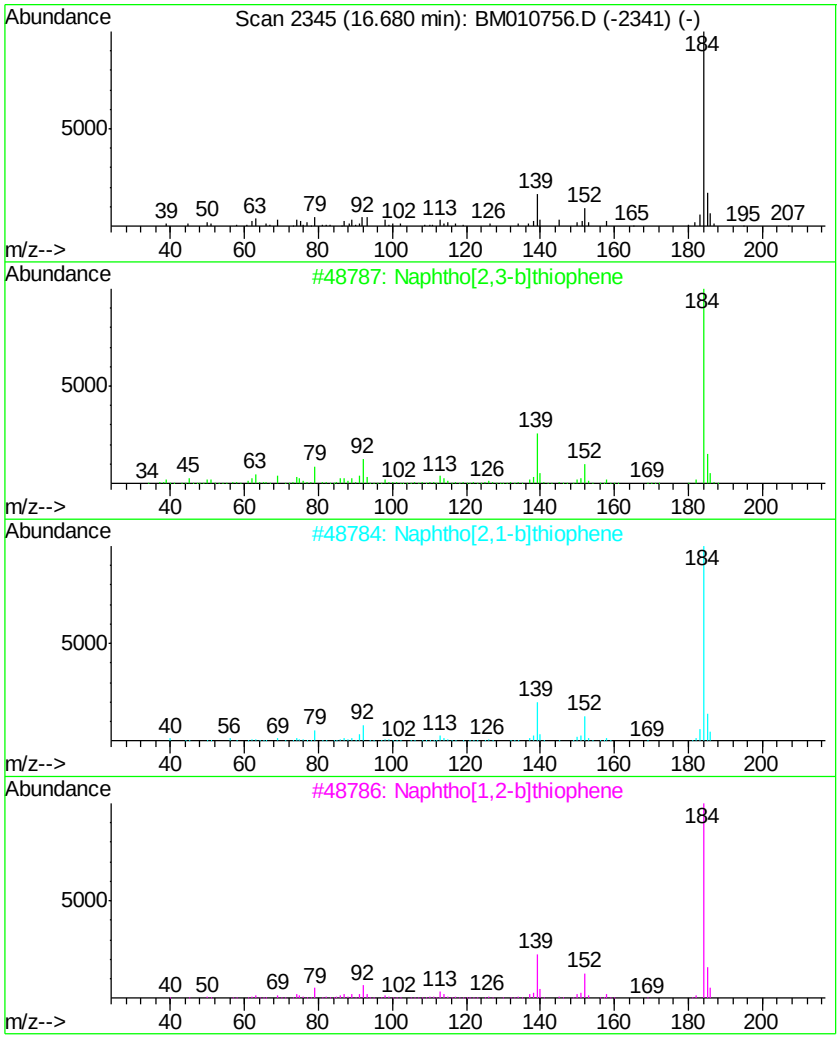
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

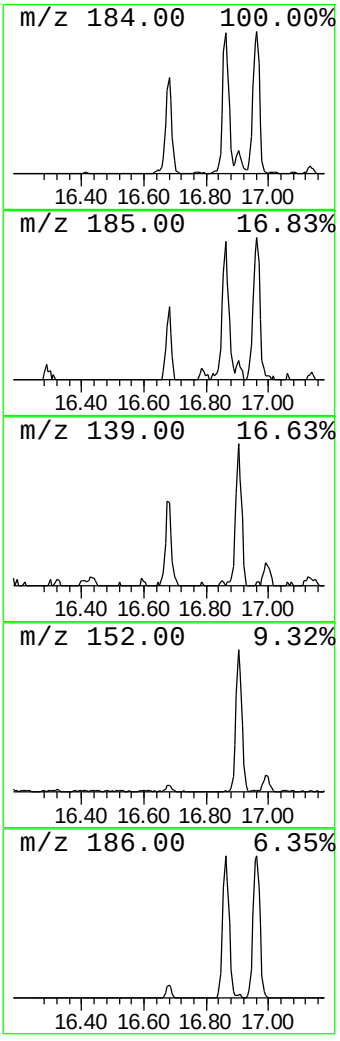
****

Peak Number 2 Naphtho[2,3-b]thiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.16 ng/ul	164585	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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

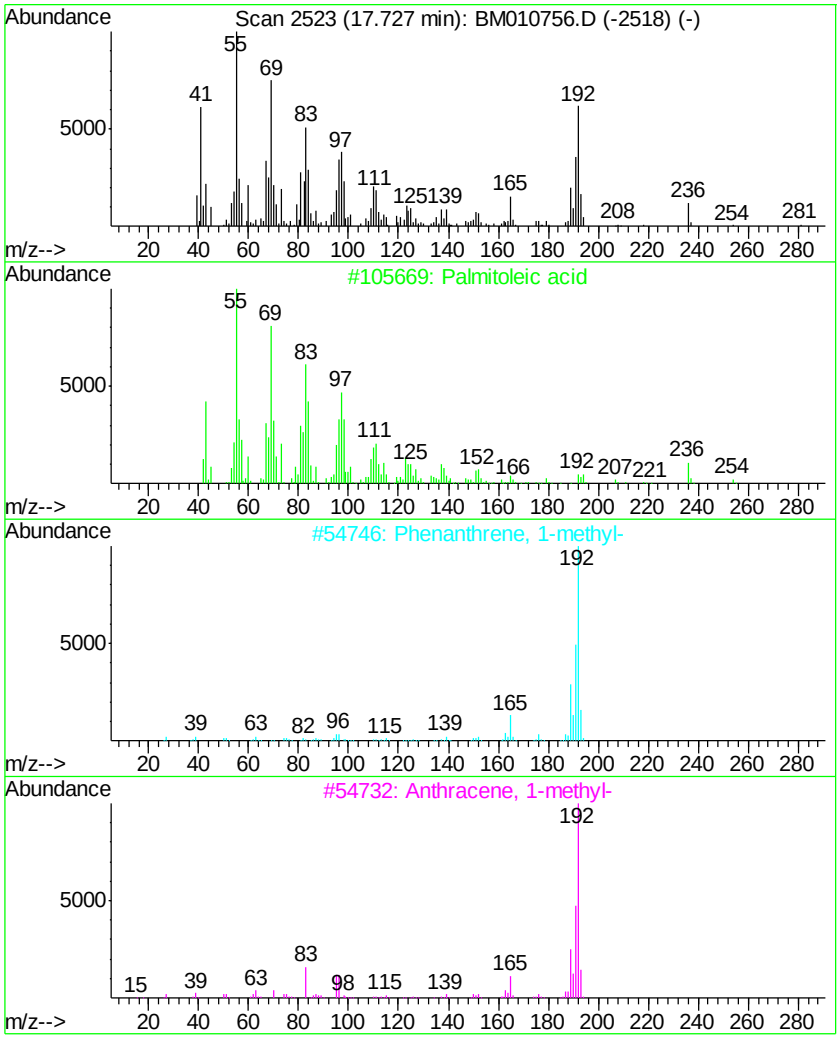
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

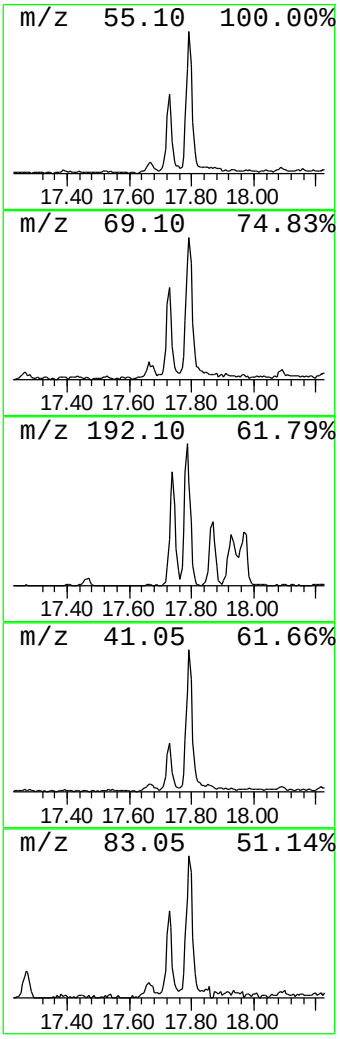
****

Peak Number 3 Palmitoleic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	8.06 ng/ul	613131	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	45
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41
4	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	41
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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

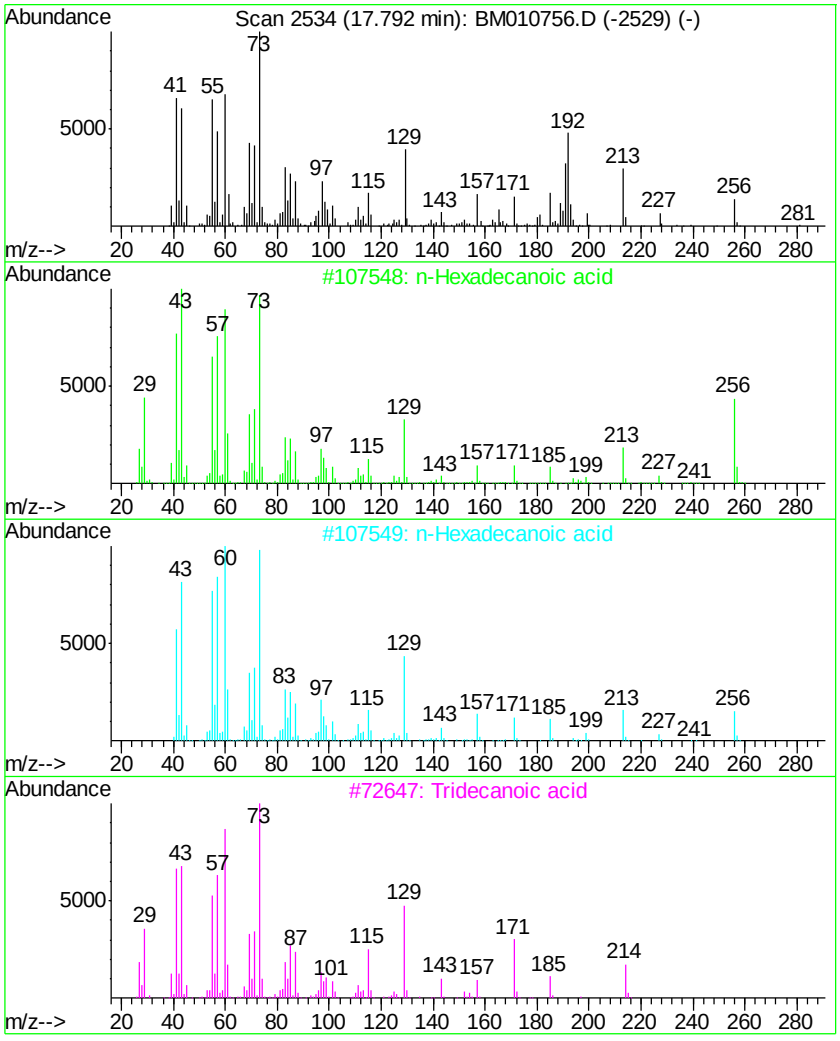
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

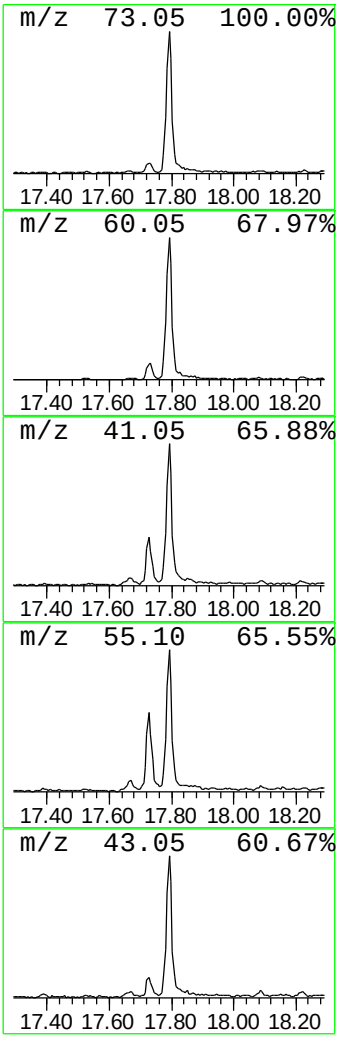
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	19.45 ng/ul	1480090	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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

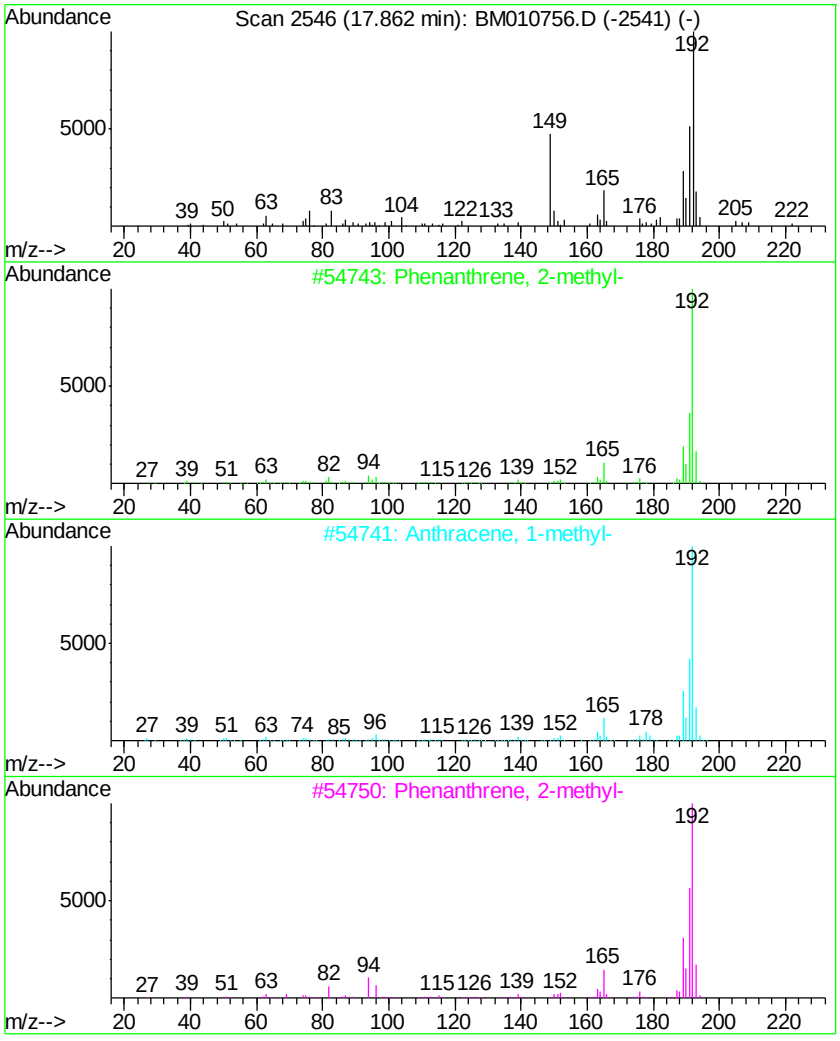
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

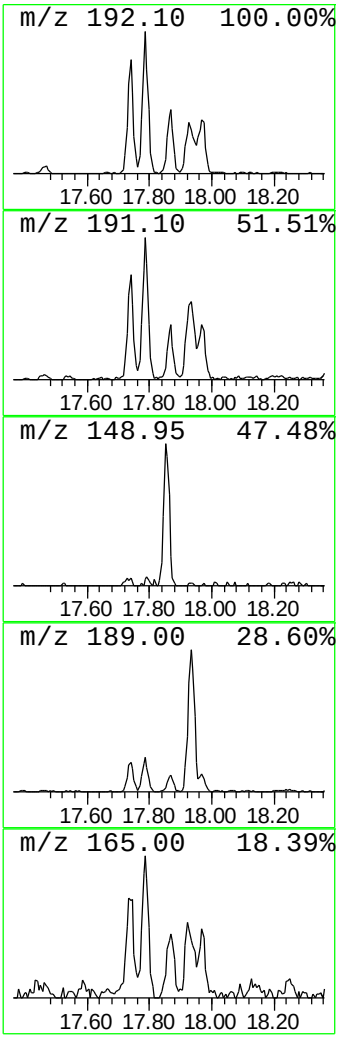
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.83 ng/ul	215185	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Quant Title : SVOA CALIBRATION

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

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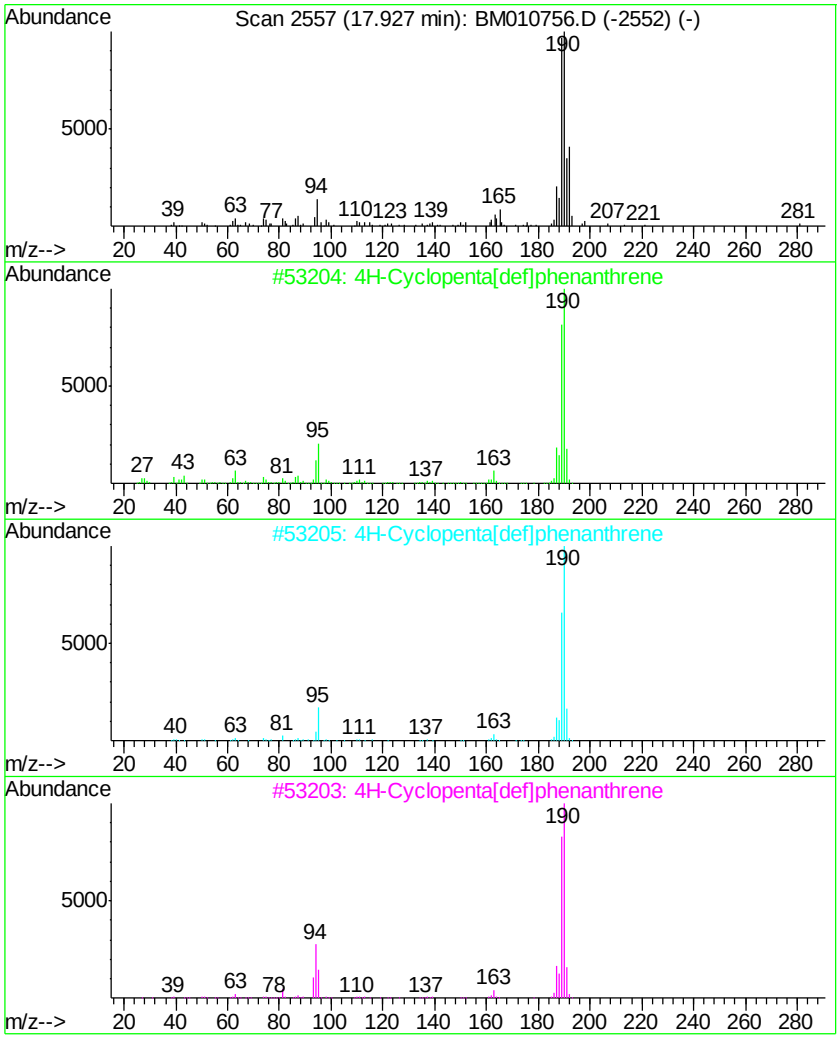
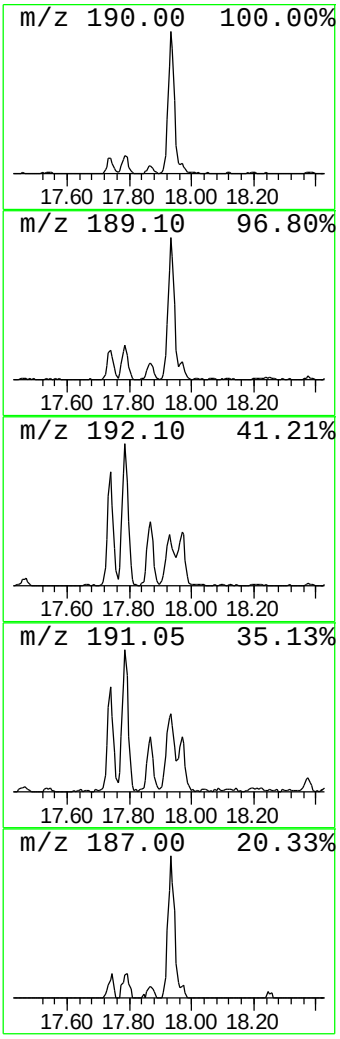
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.91 ng/ul	449662	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





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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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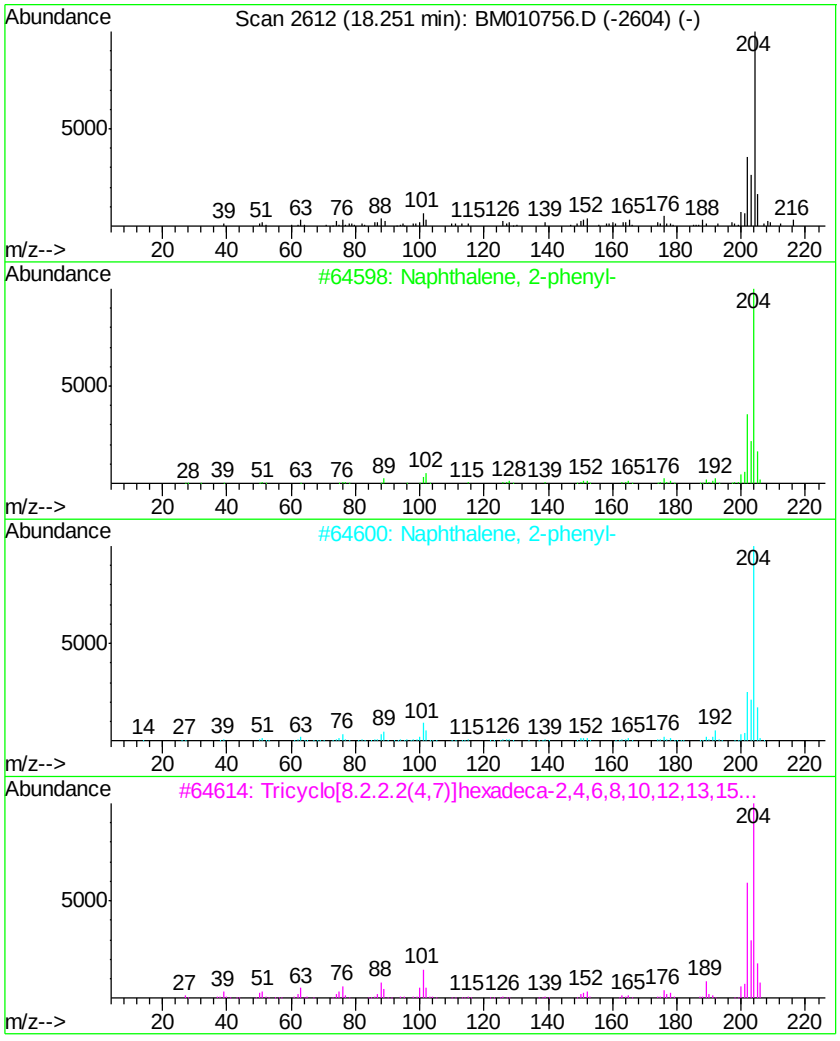
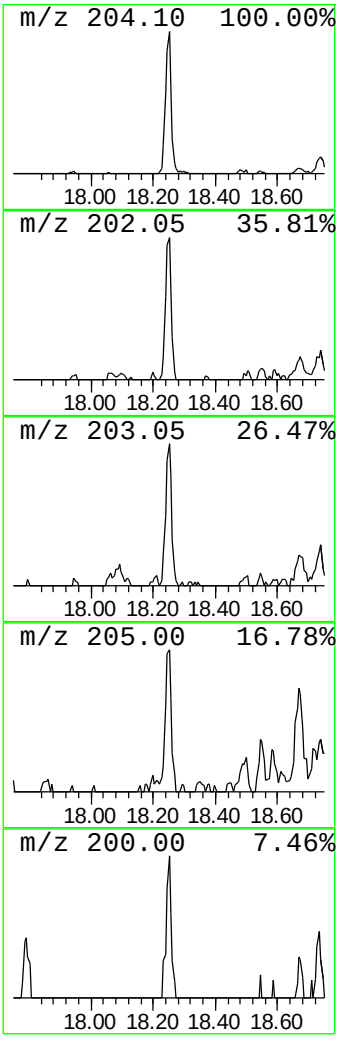
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.86 ng/ul	217856	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72





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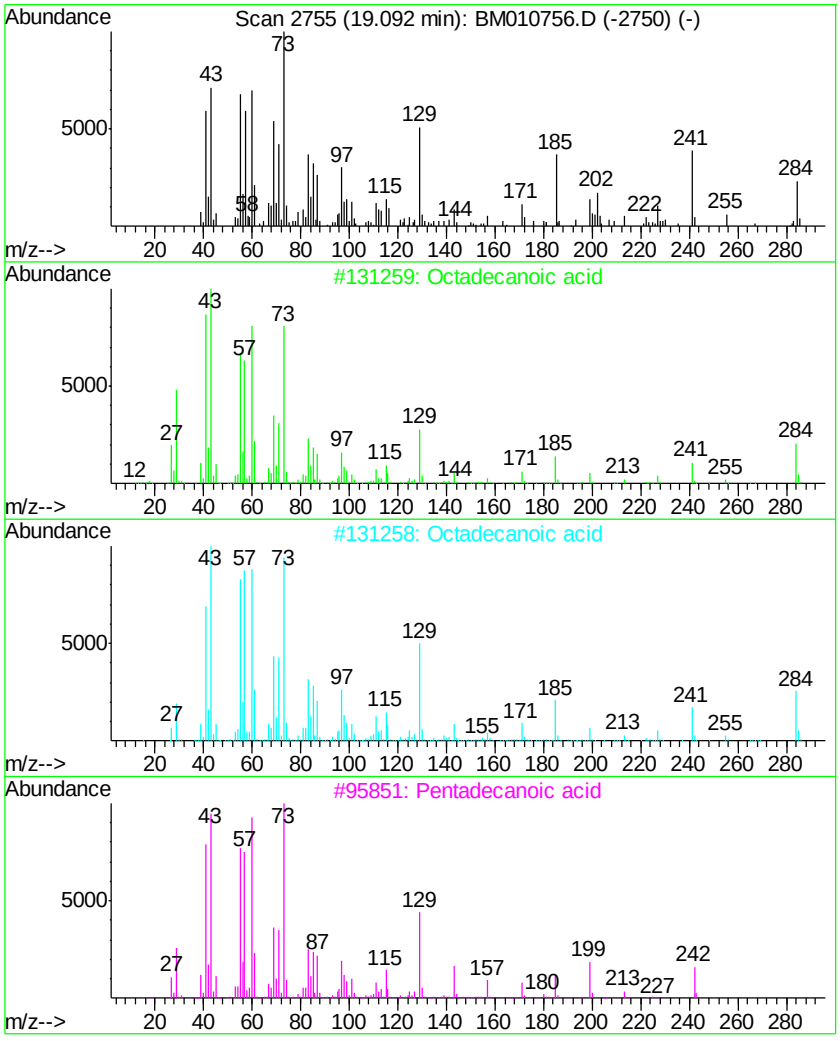
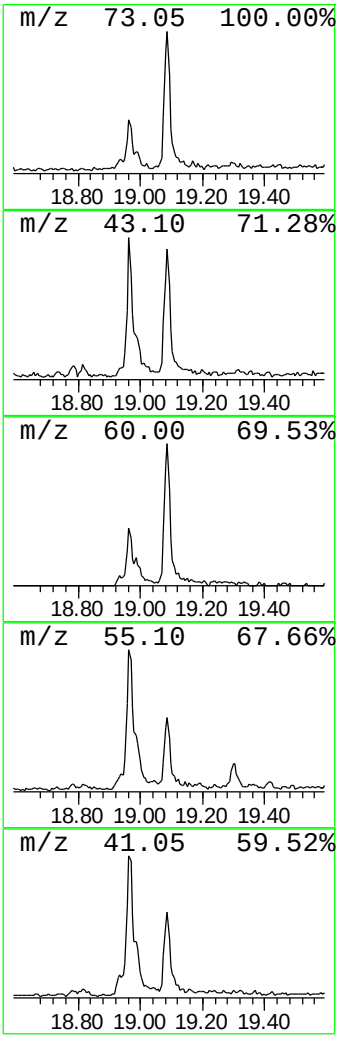
Peak Number 8 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	3.96 ng/ul	469831	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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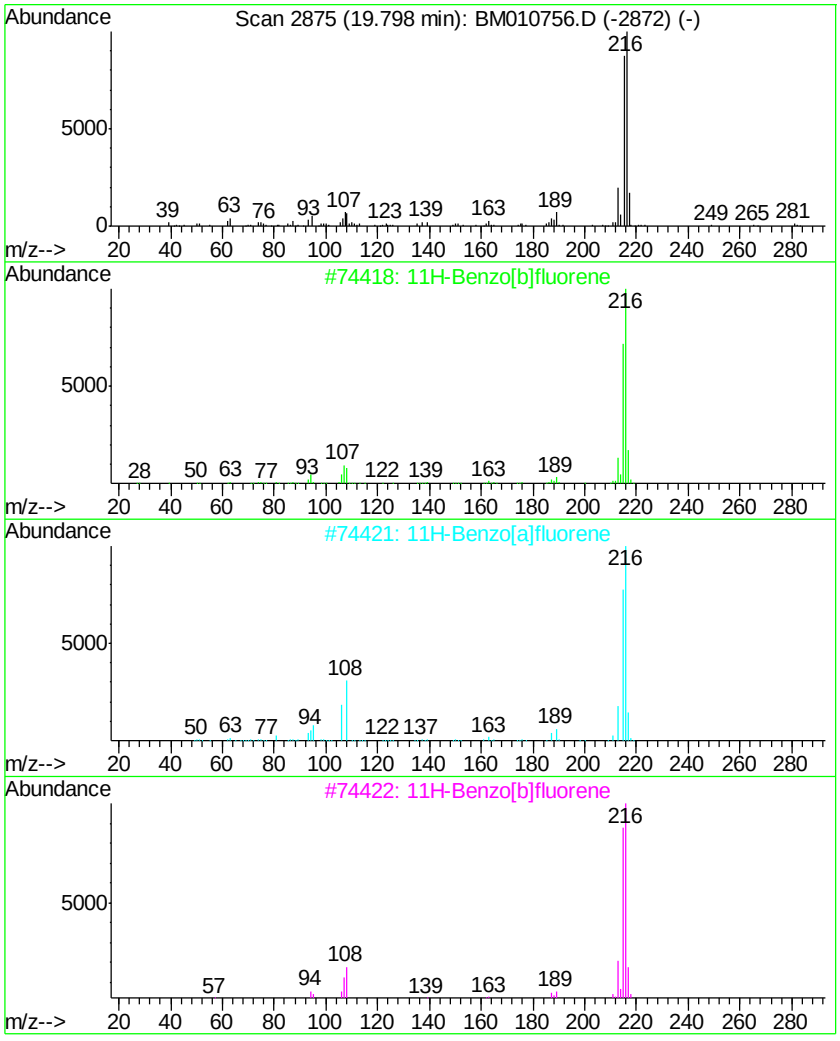
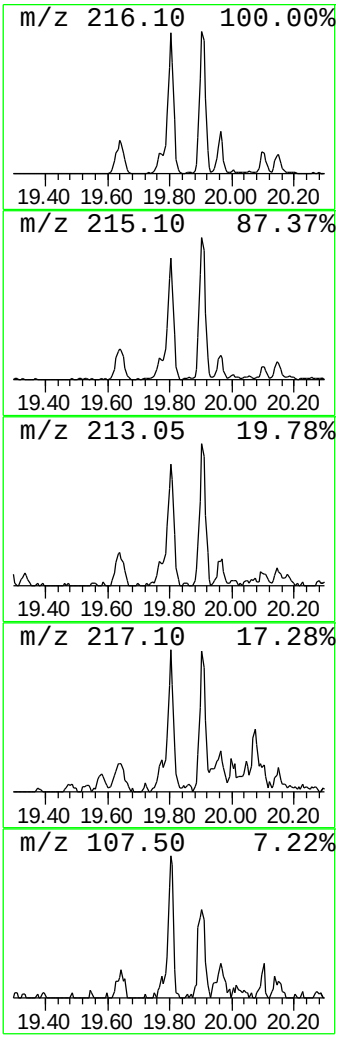
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.06 ng/ul	362838	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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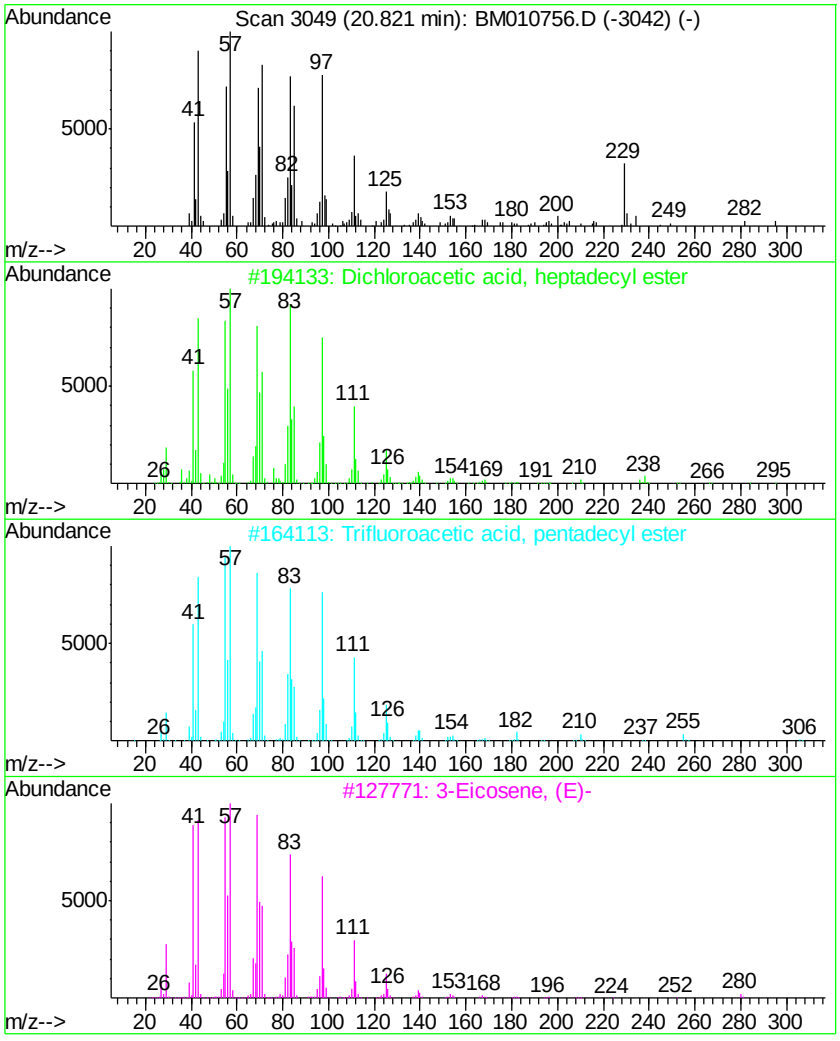
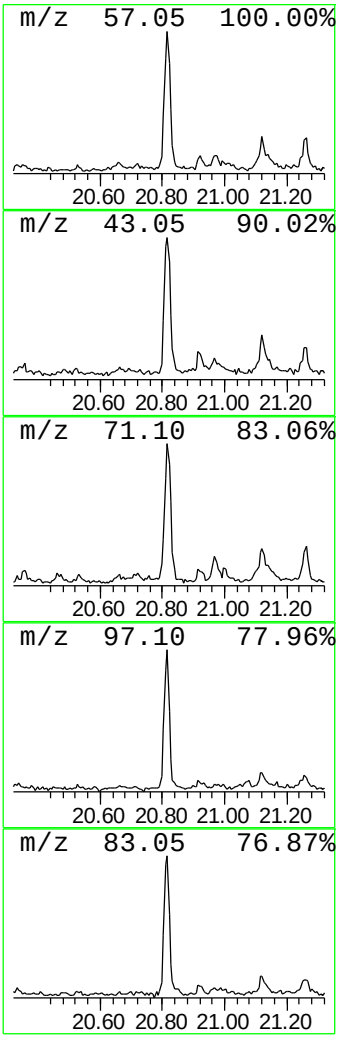
Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	5.17 ng/ul	613501	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
4	1-Heneicosanol	312	C21H44O	015594-90-8	83
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81





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TIC Integration Parameters: LSCINT.P

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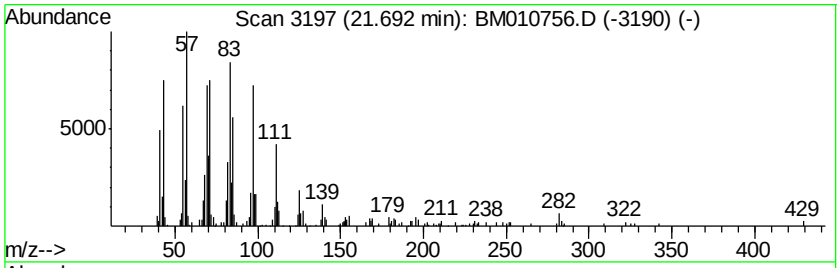
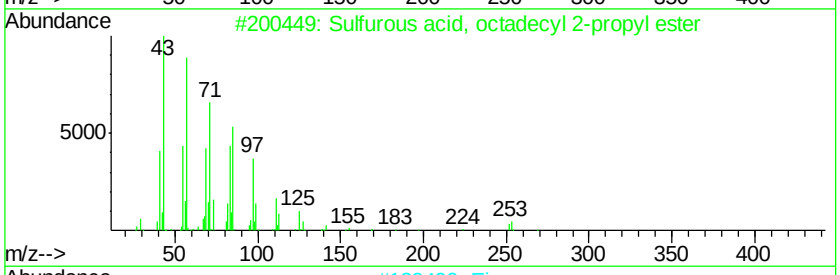
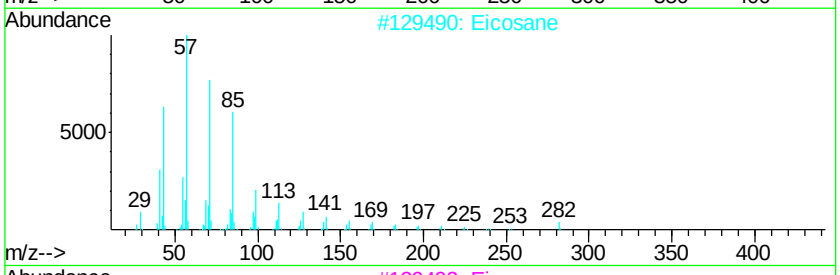
Peak Number 12 Sulfurous acid, octadecyl 2... Concentration Rank 16

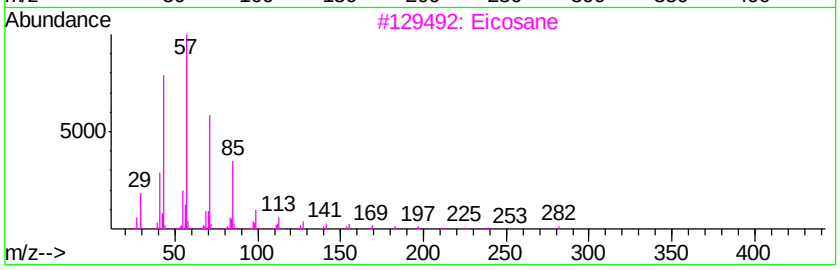
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	4.09 ng/ul	484492	Chrysene-d12	21.08

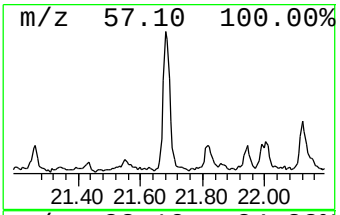
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2	Eicosane	282	C20H42	000112-95-8	89
3	Eicosane	282	C20H42	000112-95-8	87
4	1-Docosanethiol	342	C22H46S	007773-83-3	70
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	64

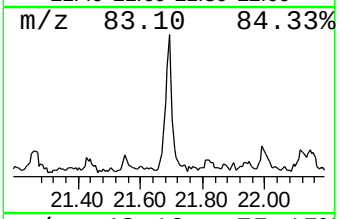


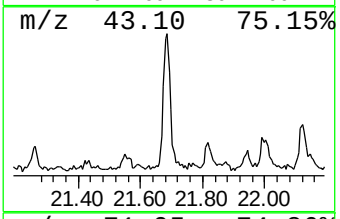


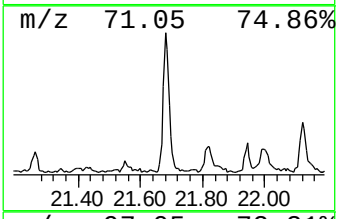


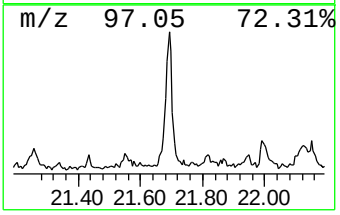












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Quant Title : SVOA CALIBRATION

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

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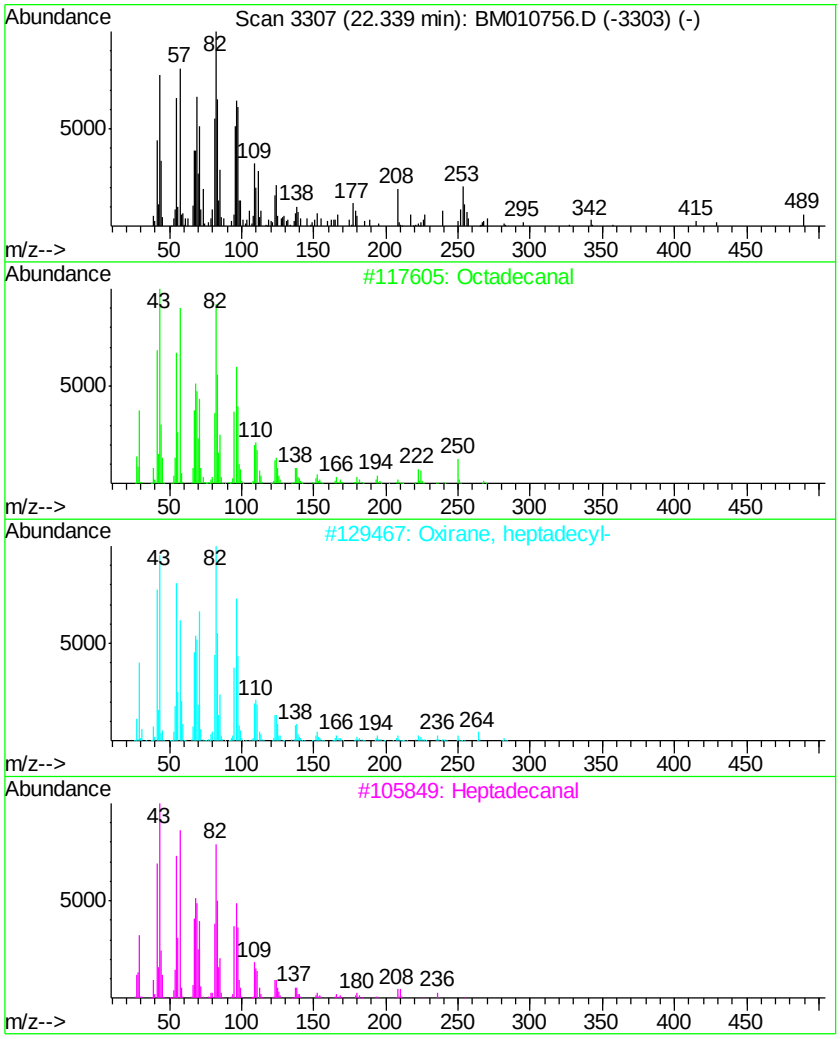
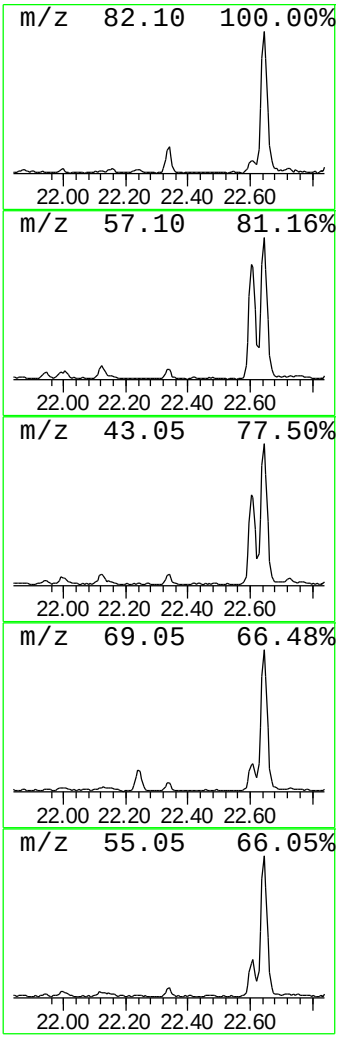
Peak Number 13 Octadecanal Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.91 ng/ul	198488	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	83
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	78
3	Heptadecanal	254	C17H34O	1000376-70-0	68
4	1,12-Tridecadiene	180	C13H24	021964-48-7	60
5	Pentadecanal-	226	C15H30O	002765-11-9	58





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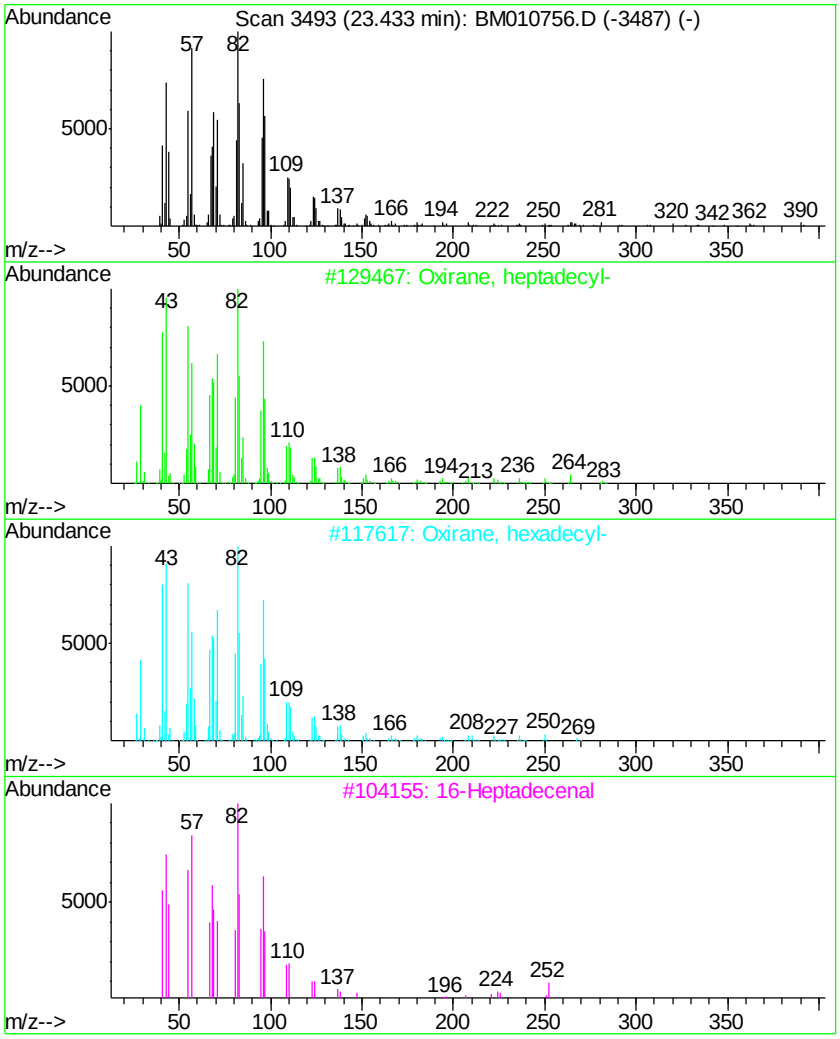
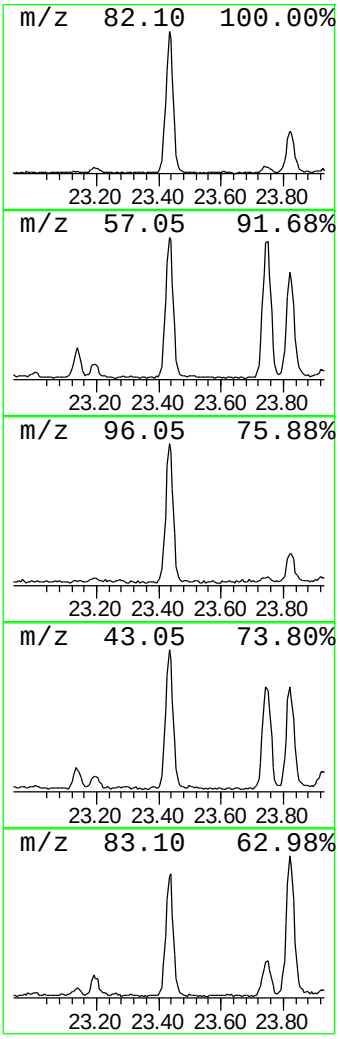
Peak Number 14 Oxirane, heptadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	23.55 ng/ul	1606310	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	16-Heptadecenal	252	C17H32O	1000144-57-9	91
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87





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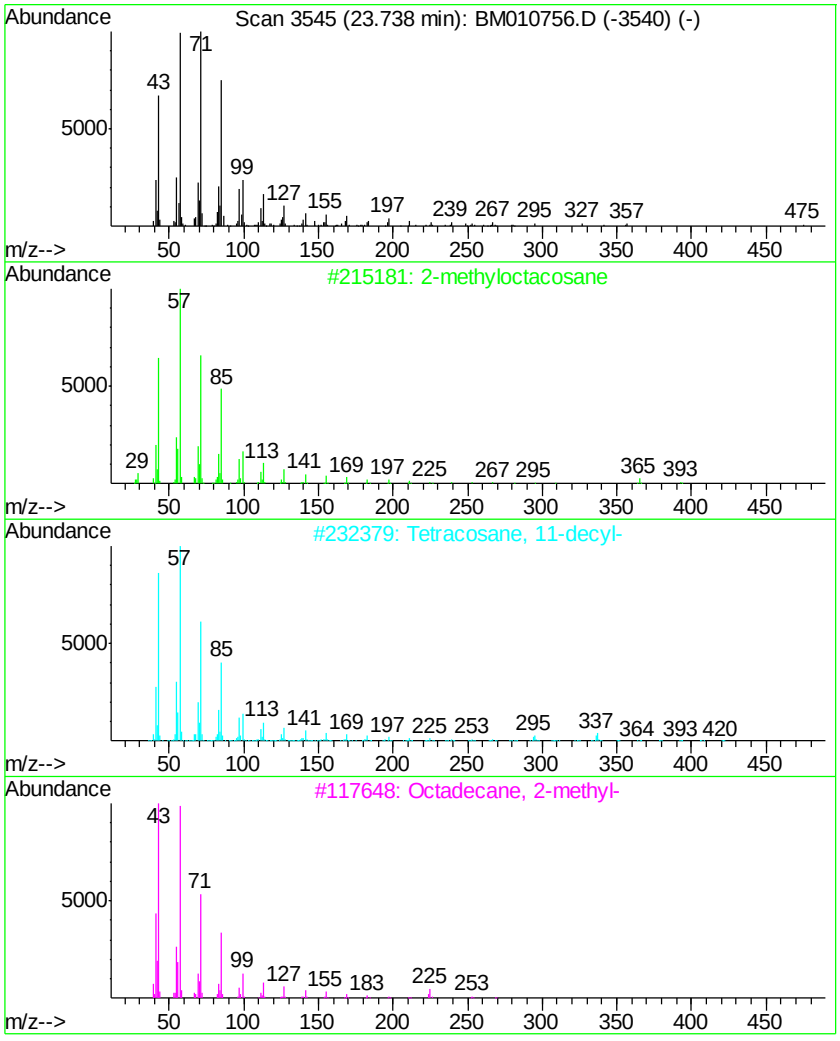
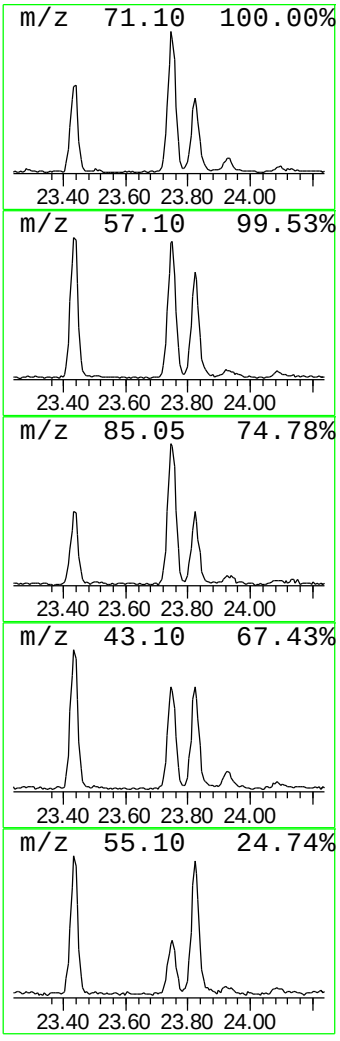
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	11.88 ng/ul	810118	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





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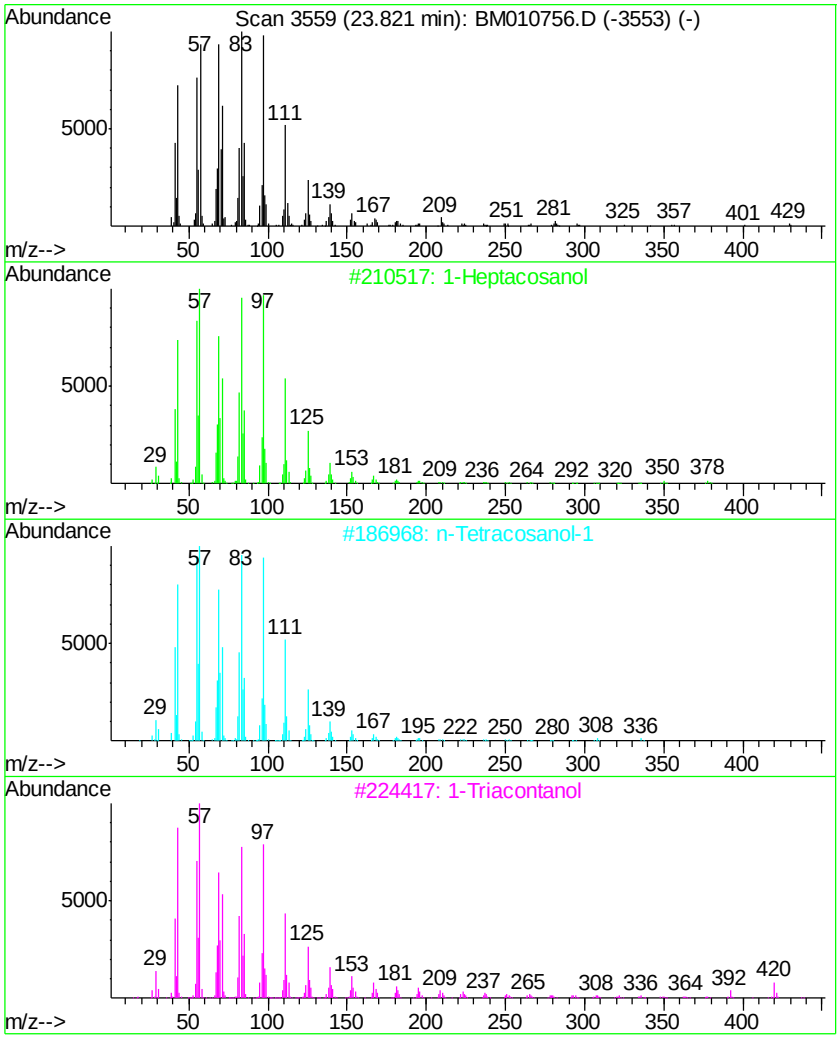
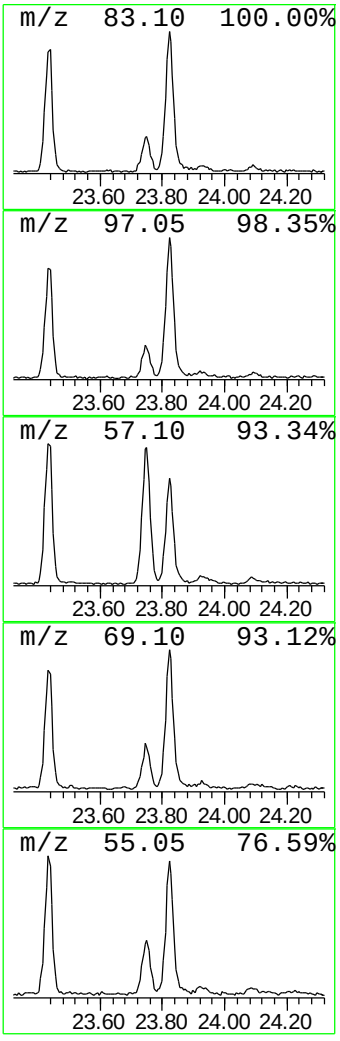
Peak Number 16 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	17.05 ng/ul	1163100	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Triacontanol	438	C30H62O	000593-50-0	90
4	1-Nonadecene	266	C19H38	018435-45-5	83
5	Octacosanol	410	C28H58O	000557-61-9	81





Library Search Compound Report

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Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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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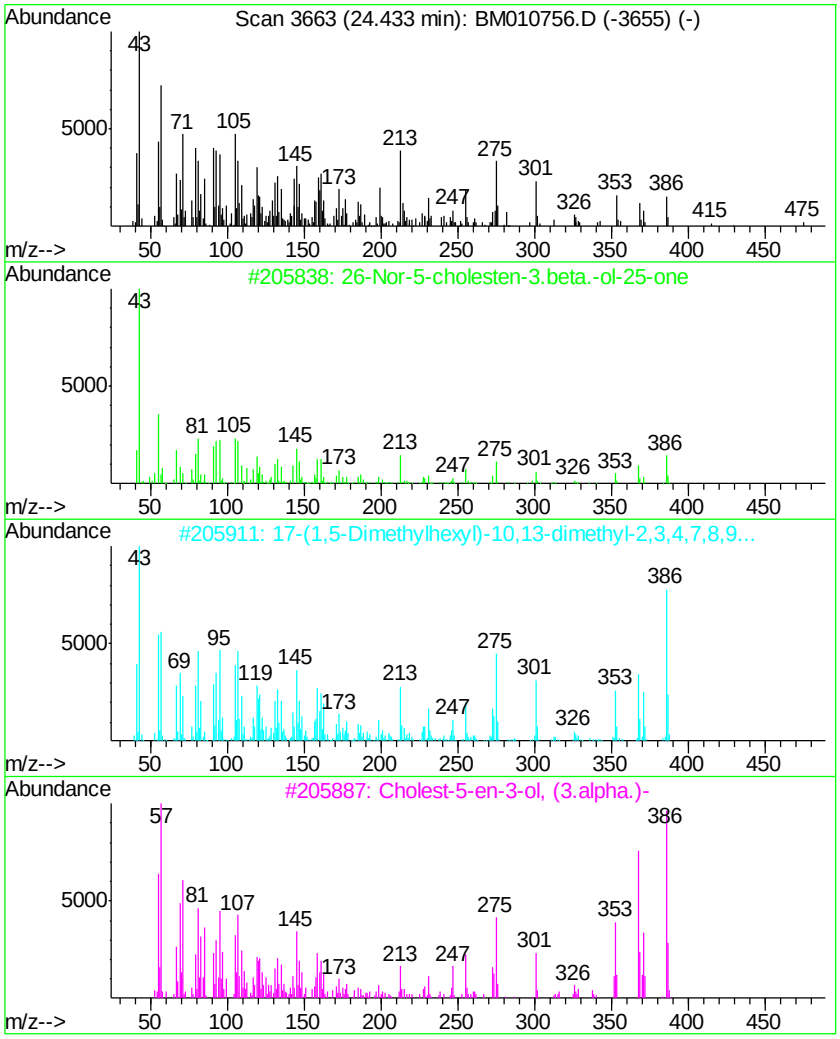
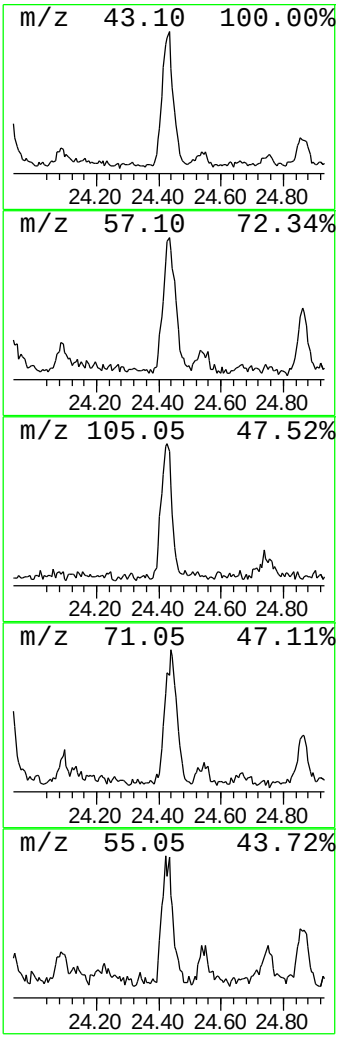
Peak Number 17 26-Nor-5-cholesten-3.beta.-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.43	14.85 ng/ul	1012520	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	94
2	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	92
3	Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	74
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	74
5	Cholesterol	386	C27H46O	000057-88-5	55





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Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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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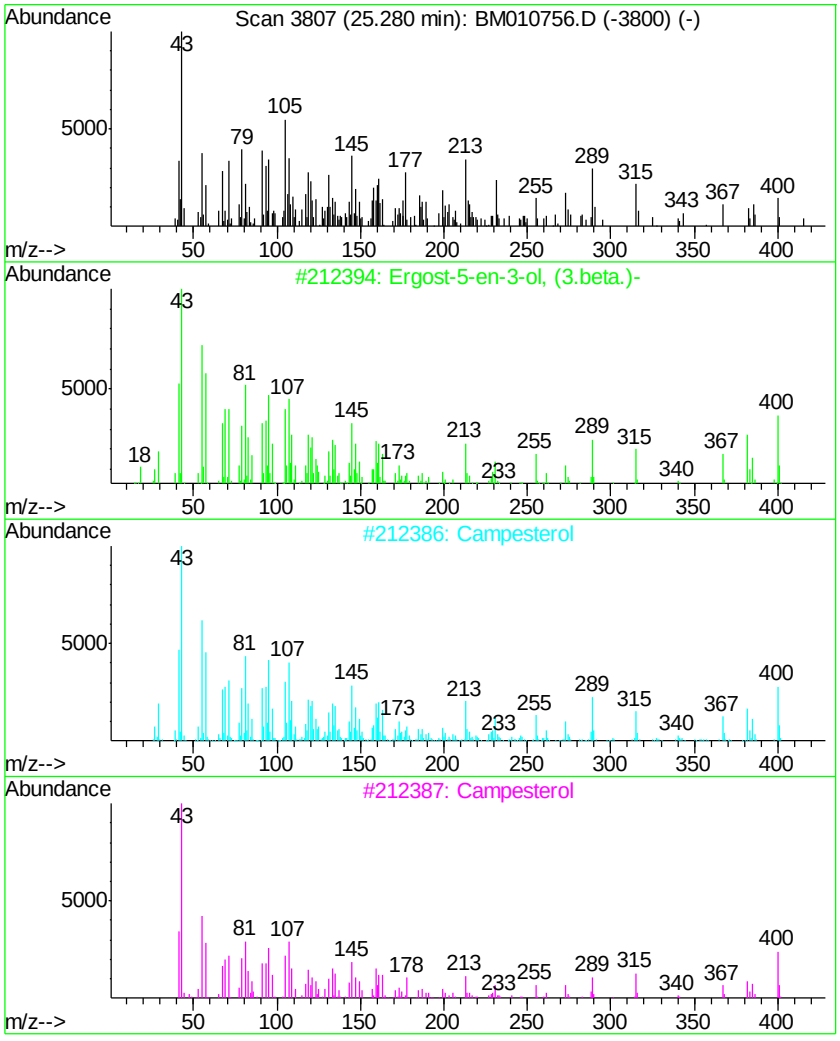
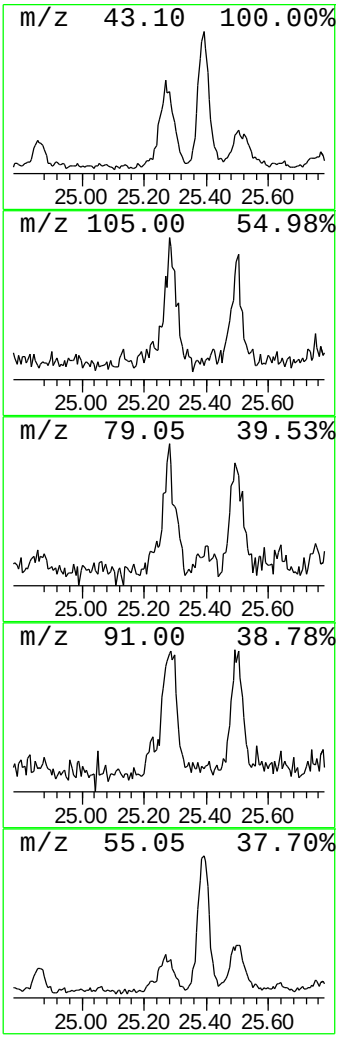
Peak Number 19 Ergost-5-en-3-ol, (3.beta.)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.28	9.57 ng/ul	652925	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	90
2	Campesterol	400	C28H48O	000474-62-4	64
3	Campesterol	400	C28H48O	000474-62-4	55
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	50
5	5.beta.,6.beta.-Epoxycholest-7-e...	400	C27H44O2	095841-71-7	30





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Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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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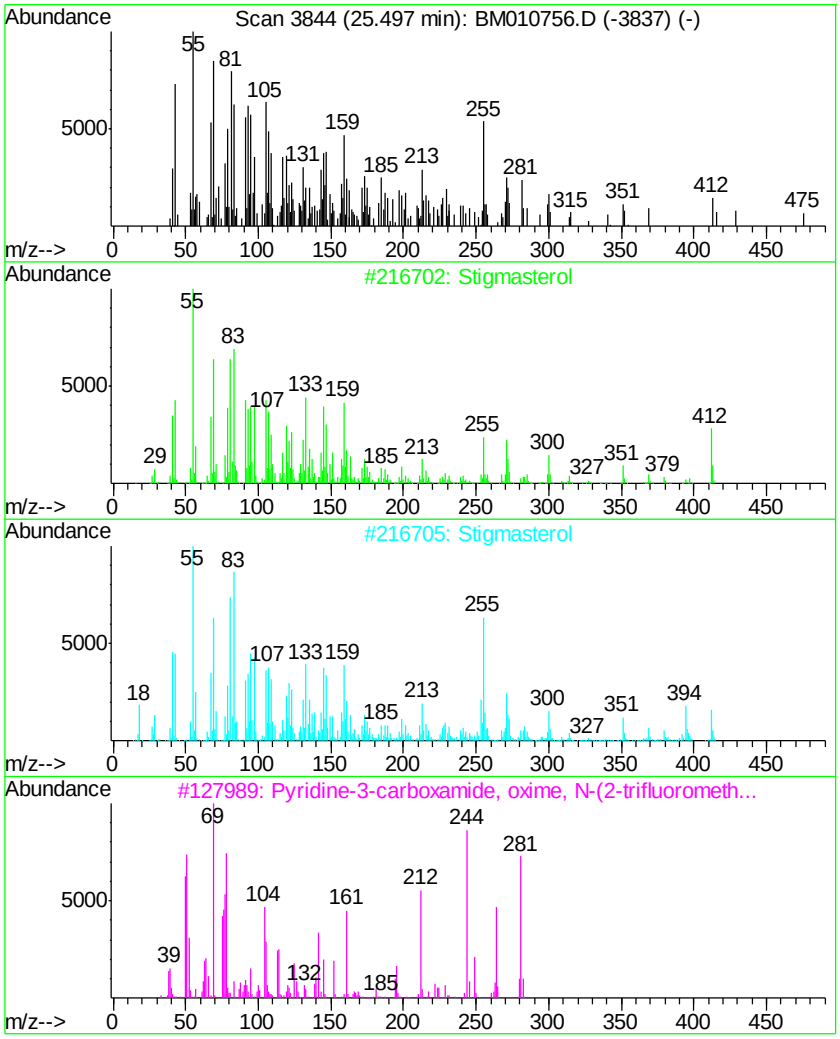
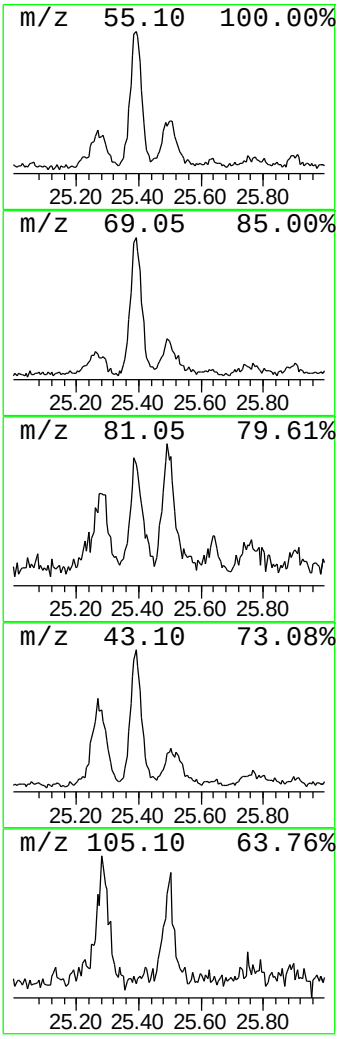
Peak Number 21 Stigmasterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.50	6.75 ng/ul	460409	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	80
2	Stigmasterol	412	C29H48O	000083-48-7	70
3	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	56
4	Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	53
5	Ergosta-14,22-dien-3-ol, acetate...	442	C30H50O2	055515-03-2	53





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Sample : I3756-07
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : C0AD8

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Quant Title : SVOA CALIBRATION

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

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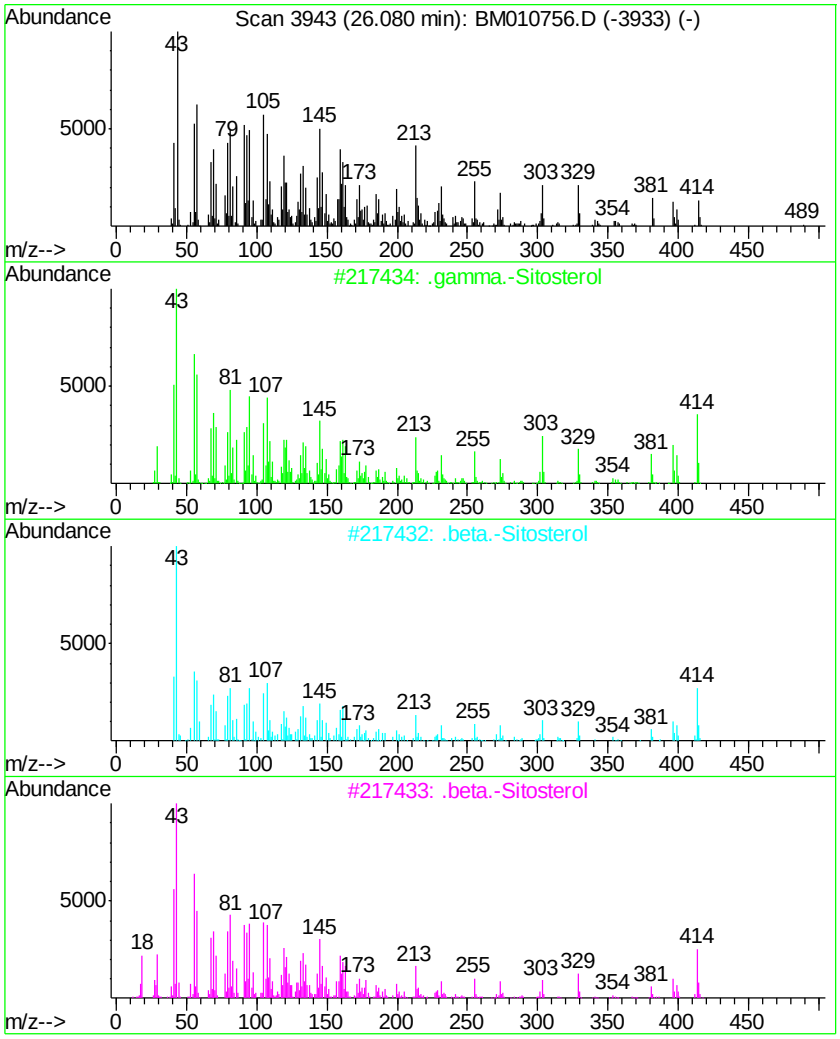
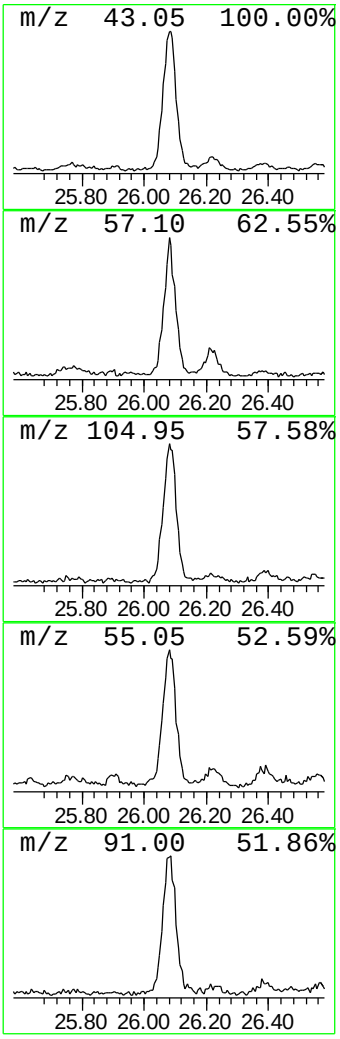
Peak Number 22 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	41.24 ng/ul	2812760	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
4	26-Homo-25-hydroxycholesterol	416	C28H48O2	1000124-49-0	40
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	38





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Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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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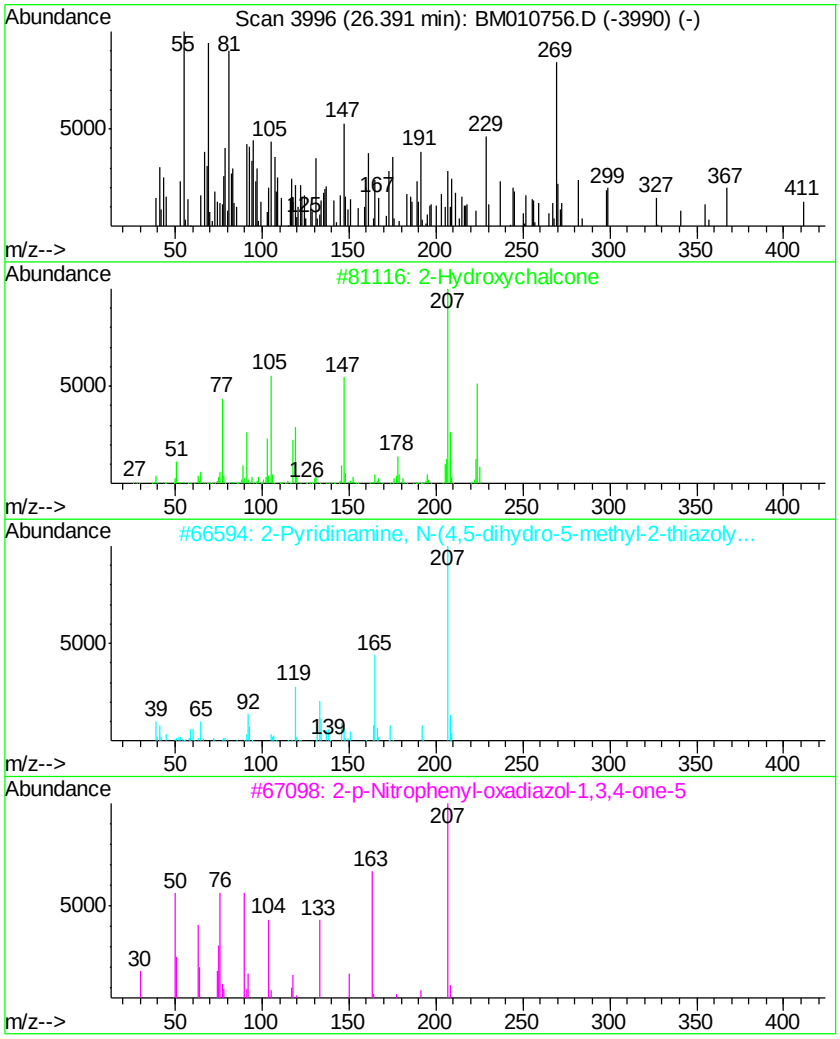
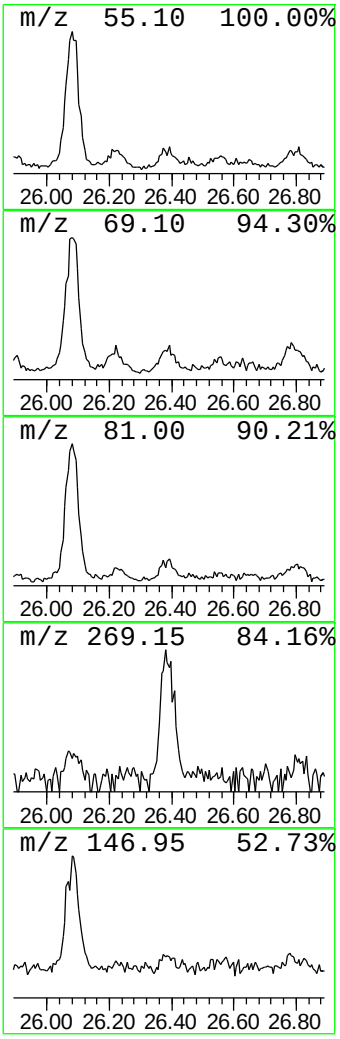
Peak Number 23 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.39	2.30 ng/ul	156972	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxychalcone	224	C15H12O2	000644-78-0	25
2	2-Pyridinamine, N-(4,5-dihydro-5...	207	C10H13N3S	1000362-45-9	22
3	2-p-Nitrophenyl-oxadiazol-1,3,4-...	207	C8H5N3O4	1000147-64-6	18
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	14
5	Methyl (7-hydroxy-1H-benzimidazo...	207	C9H9N3O3	041261-35-2	14





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Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

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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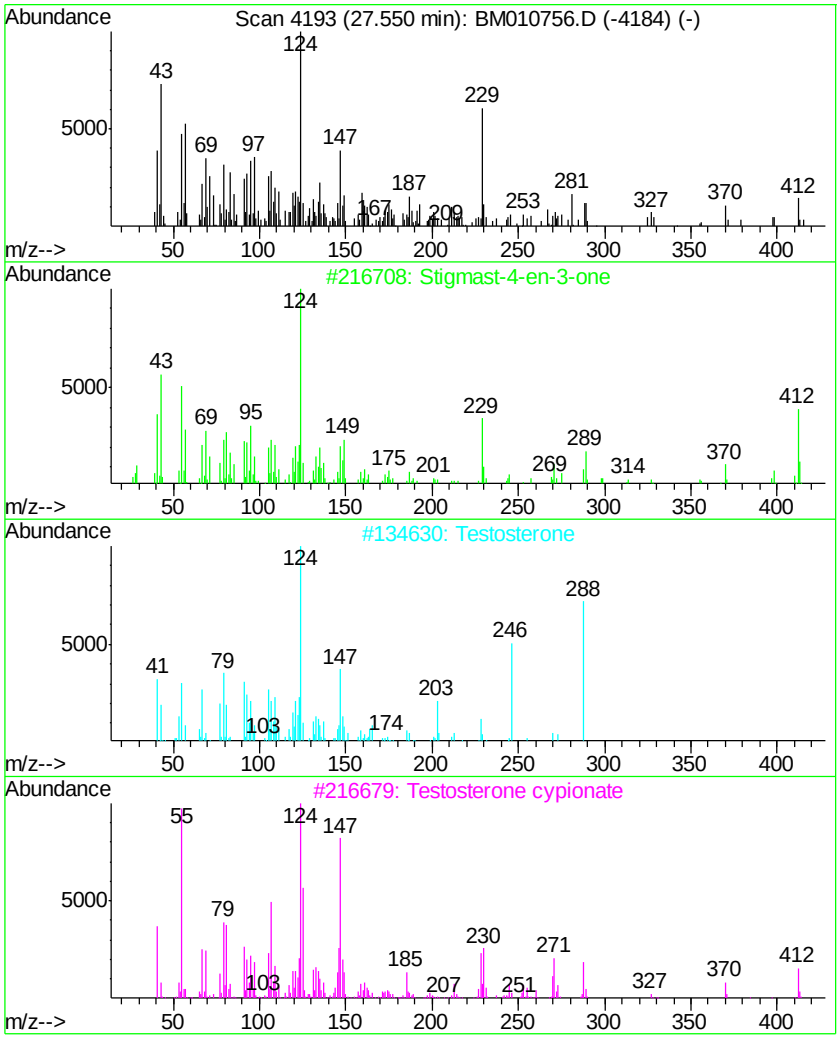
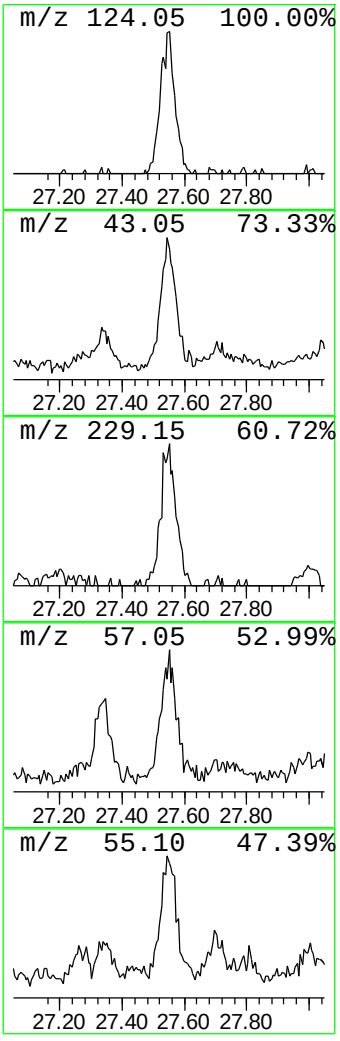
Peak Number 24 Stigmast-4-en-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.55	11.76 ng/ul	801763	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	90
2	Testosterone	288	C19H28O2	000058-22-0	70
3	Testosterone cypionate	412	C27H40O3	000058-20-8	52
4	Thiophene-2-sulfonic acid, (3-fl...	271	C11H10FNO2S2	1000311-21-1	50
5	Testosterone	288	C19H28O2	000058-22-0	49





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Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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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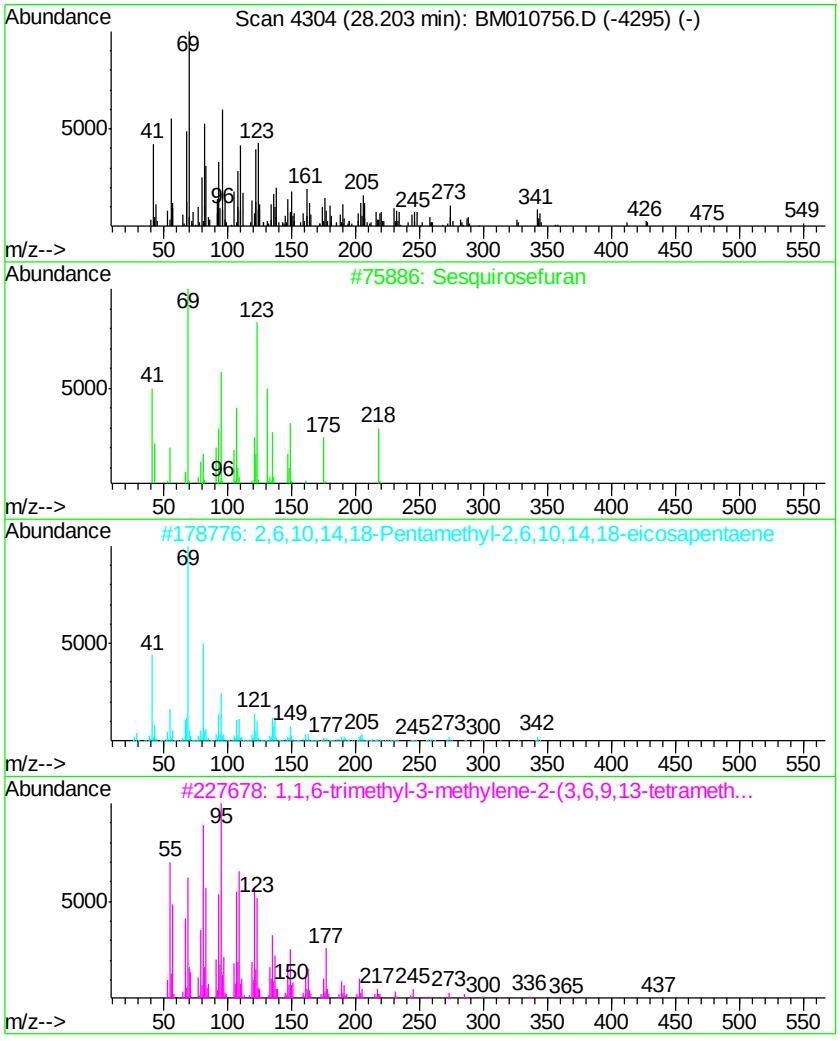
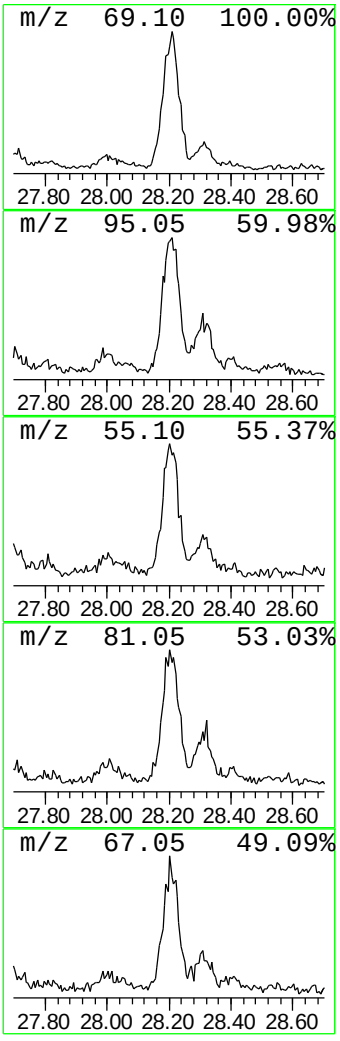
Peak Number 25 Sesquirosefuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.20	13.42 ng/ul	914996	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sesquirosefuran	218	C15H22O	039007-93-7	70
2	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	60
3	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	50
4	1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	45
5	4-(2,2-Dimethyl-6-methylenecyclo...	194	C13H22O	095452-13-4	43





Tentatively Identified Compound (LSC) summary

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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
Tricyclo[5.2.1.0(...	12.11	5.3	ng/ul	205552	2	10.22	772253	20.0
Naphtho[2,3-b]thi...	16.68	2.2	ng/ul	164585	4	16.86	1522020	20.0
Palmitoleic acid	17.73	8.1	ng/ul	613131	4	16.86	1522020	20.0
n-Hexadecanoic acid	17.79	19.4	ng/ul	1480090	4	16.86	1522020	20.0
Phenanthrene, 2-m...	17.86	2.8	ng/ul	215185	4	16.86	1522020	20.0
4H-Cyclopenta[def...	17.93	5.9	ng/ul	449662	4	16.86	1522020	20.0
Naphthalene, 2-ph...	18.25	2.9	ng/ul	217856	4	16.86	1522020	20.0
Octadecanoic acid	19.09	4.0	ng/ul	469831	5	21.08	2371160	20.0
11H-Benzo[b]fluorene	19.80	3.1	ng/ul	362838	5	21.08	2371160	20.0
Dichloroacetic ac...	20.82	5.2	ng/ul	613501	5	21.08	2371160	20.0
Sulfurous acid, o...	21.69	4.1	ng/ul	484492	5	21.08	2371160	20.0
Octadecanal	22.34	2.9	ng/ul	198488	6	23.22	1363980	20.0
Oxirane, heptadecyl-	23.43	23.6	ng/ul	1606310	6	23.22	1363980	20.0
(DEL) Alkane: Str...	23.74	11.9	ng/ul	810118	6	23.22	1363980	20.0
1-Heptacosanol	23.82	17.1	ng/ul	1163100	6	23.22	1363980	20.0
26-Nor-5-choleste...	24.43	14.9	ng/ul	1012520	6	23.22	1363980	20.0
Ergost-5-en-3-ol,...	25.28	9.6	ng/ul	652925	6	23.22	1363980	20.0
Stigmasterol	25.50	6.8	ng/ul	460409	6	23.22	1363980	20.0
.gamma.-Sitosterol	26.08	41.2	ng/ul	2812760	6	23.22	1363980	20.0
unknown-01	26.39	2.3	ng/ul	156972	6	23.22	1363980	20.0
Stigmast-4-en-3-one	27.55	11.8	ng/ul	801763	6	23.22	1363980	20.0
Sesquirosefuran	28.20	13.4	ng/ul	914996	6	23.22	1363980	20.0