LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

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-BM042517.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	3.816	120	124	129	rBV2	44479	56879	1.10%	0.083%
2	6.687	605	612	622	rVB2	39352	71790	1.39%	0.105%
3	6.898	643	648	653	rBV3	34961	57176	1.11%	0.083%
4	6.987	653	663	676	rVB	670846	1159489	22.49%	1.693%
5	7.157	684	692	697	rBV	462552	729306	14.15%	1.065%
6	7.198	697	699	706	rVB3	42441	61473	1.19%	0.090%
7	7.351	718	725	732	rBV	625085	995620	19.32%	1.454%
8	7.822	799	805	817	rVB	710089	1206068	23.40%	1.761%
9	8.381	897	900	907	rVB8	28138	56341	1.09%	0.082%
10	8.522	918	924	935	rBV	757029	1257304	24.39%	1.836%
11	8.986	995	1003	1011	rBV	642926	1103878	21.42%	1.612%
12	9.333	1055	1062	1066	rBV4	29206	52893	1.03%	0.077%
13	9.498	1084	1090	1098	rBV5	33916	69193	1.34%	0.101%
14	9.704	1115	1125	1132	rBV2	539677	941335	18.26%	1.375%
15	9.928	1157	1163	1170	rBV4	55821	106340	2.06%	0.155%
16	10.239	1207	1216	1224	rVB	797551	1464841	28.42%	2.139%
17	10.457	1248	1253	1257	rBV5	43257	70826	1.37%	0.103%
18	10.616	1273	1280	1286	rBV	1037044	1681452	32.62%	2.456%
19	10.763	1294	1305	1313	rBV2	374557	771059	14.96%	1.126%
20	11.074	1354	1358	1362	rBV5	39409	57093	1.11%	0.083%
21	11.410	1409	1415	1422	rBV4	94863	195712	3.80%	0.286%
22	11.516	1425	1433	1437	rBV8	45017	101125	1.96%	0.148%
23	11.569	1437	1442	1446	rBV2	229898	334466	6.49%	0.488%
24	11.716	1460	1467	1473	rBV2	168501	305523	5.93%	0.446%
25	11.798	1477	1481	1489	rVB8	33844	64128	1.24%	0.094%
26	12.010	1512	1517	1524	rVB8	32383	60441	1.17%	0.088%
27	12.157	1537	1542	1547	rBV7	27107	52067	1.01%	0.076%
28	12.280	1558	1563	1567	rBV2	65949	94472	1.83%	0.138%
29	12.545	1596	1608	1613	rBV2	48501	122802	2.38%	0.179%
30	12.733	1635	1640	1645	rBV3	94774	147670	2.86%	0.216%
31	12.957	1670	1678	1684	rBV	295867	475454	9.22%	0.694%
32	13.221	1717	1723	1726	rBV7	28774	59963	1.16%	0.088%
33	13.310	1732	1738	1743	rBV2	436531	677083	13.14%	0.989%
34	13.392	1748	1752	1757	rVB8	55060	89006	1.73%	0.130%

LSC Area Percent Report

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Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

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-BM042517.M
Title : SVOA CALIBRATION

35	13.480	1764	1767	1774	rVB8	43501	60180	1.17%	0.088%
36	13.692	1799	1803	1806	rBV3	124896	183769	3.57%	0.268%
37	13.874	1824	1834	1839	rBV	1553834	2342170	45.44%	3.420%
38	13.921	1839	1842	1847	rVV	326943	423622	8.22%	0.619%
39	13.998	1851	1855	1866	rVB6	117563	235924	4.58%	0.345%
40	14.163	1877	1883	1888	rBV	1489356	2192921	42.54%	3.203%
41	14.210	1888	1891	1895	rVB3	63735	84666	1.64%	0.124%
42	14.339	1908	1913	1919	rVB	73800	103316	2.00%	0.151%
43	14.468	1920	1935	1941	rBV2	1550554	2788461	54.10%	4.072%
44	14.521	1941	1944	1949	rVV6	63507	87680	1.70%	0.128%
45	14.610	1954	1959	1964	rVB3	148424	224828	4.36%	0.328%
46	14.680	1965	1971	1980	rBV	614332	1041789	20.21%	1.521%
47	14.874	2000	2004	2012	rVB2	216026	296251	5.75%	0.433%
48	14.957	2013	2018	2019	rBV3	156684	227685	4.42%	0.333%
49	15.233	2063	2065	2072	rVB7	66644	111143	2.16%	0.162%
50	15.292	2072	2075	2081	rBV	161123	201850	3.92%	0.295%
51	15.409	2091	2095	2099	rBV	196089	262900	5.10%	0.384%
52	15.462	2099	2104	2112	rVB	2066179	3007404	58.35%	4.392%
53	15.592	2121	2126	2133	rVB	540265	792106	15.37%	1.157%
54	15.698	2141	2144	2148	rVB2	121995	160698	3.12%	0.235%
55	15.774	2154	2157	2163	rVB3	207575	297588	5.77%	0.435%
56	15.927	2179	2183	2191	rVB6	163763	225146	4.37%	0.329%
57	16.186	2218	2227	2232	rBV	761821	1462018	28.36%	2.135%
58	16.539	2282	2287	2292	rBV6	197586	417148	8.09%	0.609%
59	16.604	2296	2298	2305	rVB3	258486	341012	6.62%	0.498%
60	17.021	2363	2369	2377	rVB	566109	1000364	19.41%	1.461%
61	17.215	2397	2402	2408	rBV	1897003	2773162	53.80%	4.050%
62	17.280	2408	2413	2415	rVV	673369	950807	18.45%	1.389%
63	17.315	2415	2419	2424	rVB2	2201964	3087337	59.90%	4.509%
64	17.374	2426	2429	2434	rBV4	221697	348666	6.76%	0.509%
65	17.692	2479	2483	2492	rVB5	286686	630653	12.24%	0.921%
66	17.786	2496	2499	2503	rBV	380477	435048	8.44%	0.635%
67	17.927	2520	2523	2527	rVB	252878	327519	6.35%	0.478%
68	18.027	2536	2540	2547	rVB5	263743	463497	8.99%	0.677%
69	18.098	2548	2552	2563	rBV	1006823	1424582	27.64%	2.080%
70	18.227	2570	2574	2583	rBV2	606412	935454	18.15%	1.366%
71	18.762	2663	2665	2669	rVB4	186784	186133	3.61%	0.272%

LSC Area Percent Report

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Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

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-BM042517.M
Title : SVOA CALIBRATION

72	19.045	2709	2713	2719	rVB	768628	1017334	19.74%	1.486%
73	19.233	2742	2745	2750	rBV3	345476	499392	9.69%	0.729%
74	19.374	2766	2769	2775	rBV4	357466	514559	9.98%	0.751%
75	19.556	2797	2800	2804	rBV2	570365	607059	11.78%	0.887%
76	19.609	2805	2809	2815	rVV	2330928	3254144	63.13%	4.752%
77	21.086	3057	3060	3065	rVB2	982771	1122969	21.79%	1.640%
78	21.397	3110	3113	3118	rVB	2251971	2675686	51.91%	3.908%
79	23.715	3503	3507	3519	rVB	1303963	2650382	51.42%	3.871%
80	23.850	3525	3530	3535	rVB	1266399	2162898	41.96%	3.159%
81	24.779	3682	3688	3698	rVB	1737574	3930586	76.26%	5.740%
82	25.462	3798	3804	3816	rVB	2059834	5154450	100.00%	7.527%

Sum of corrected areas: 68475224

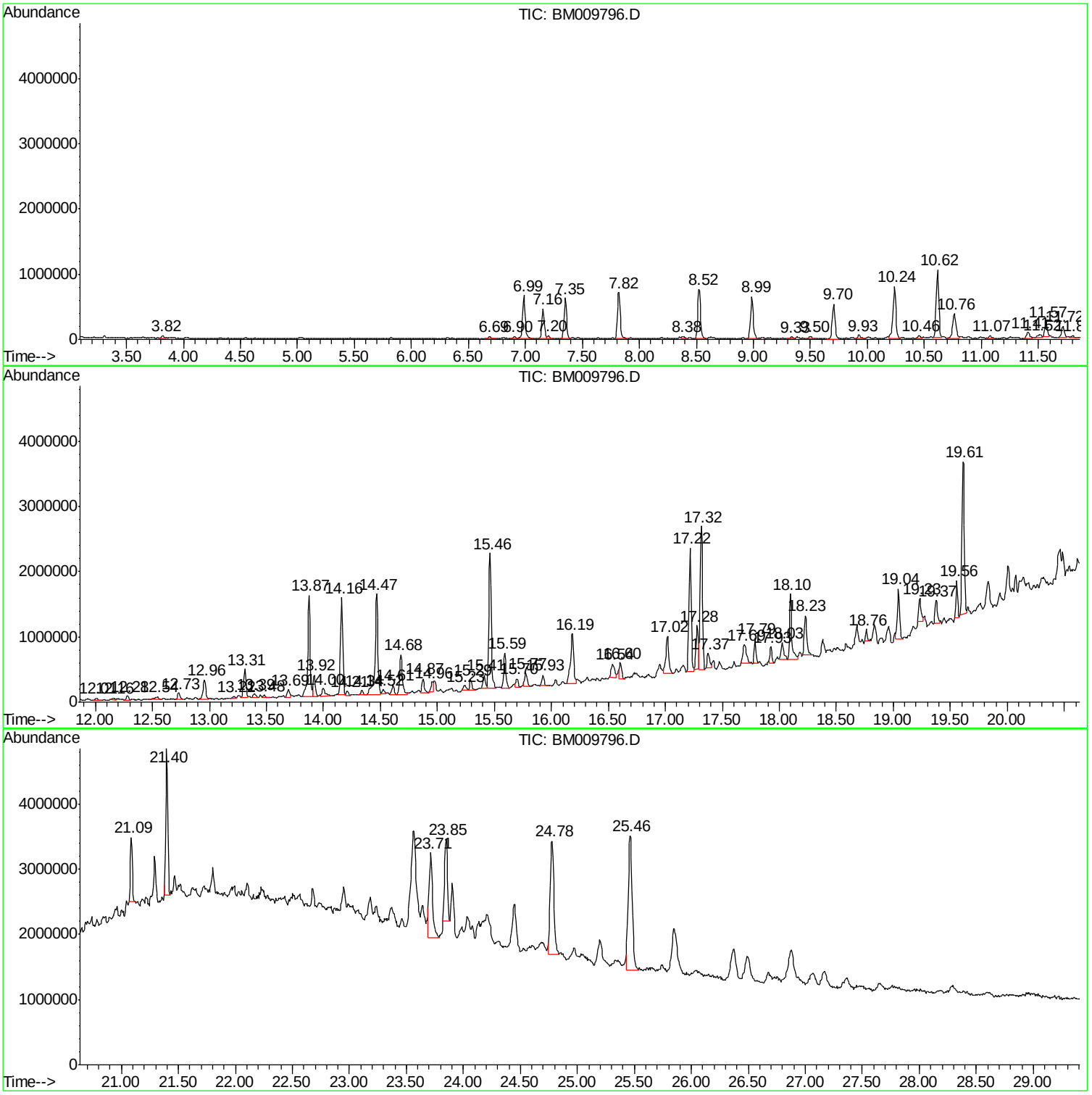
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

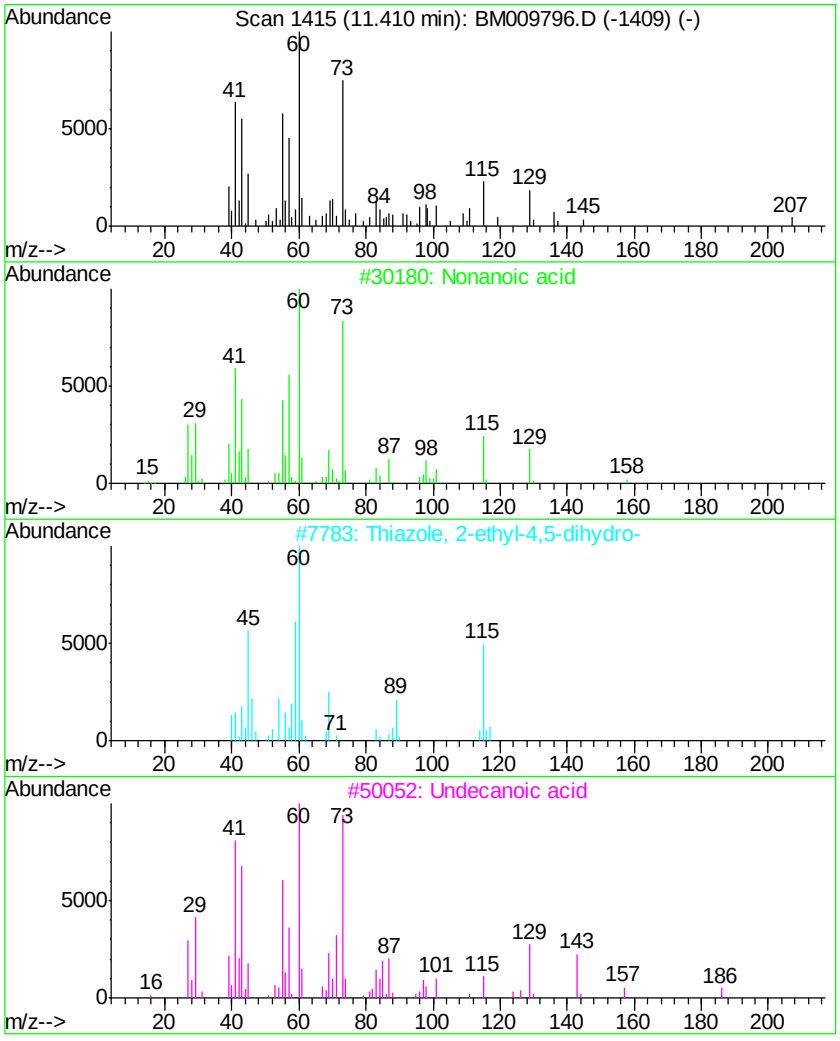
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 Nonanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.33 ng/ul	195712	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	53
2	Thiazole, 2-ethyl-4,5-dihydro-	115	C5H9NS	016982-46-0	47
3	Undecanoic acid	186	C11H22O2	000112-37-8	47
4	Nonanoic acid	158	C9H18O2	000112-05-0	42
5	Undecanoic acid	186	C11H22O2	000112-37-8	40



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

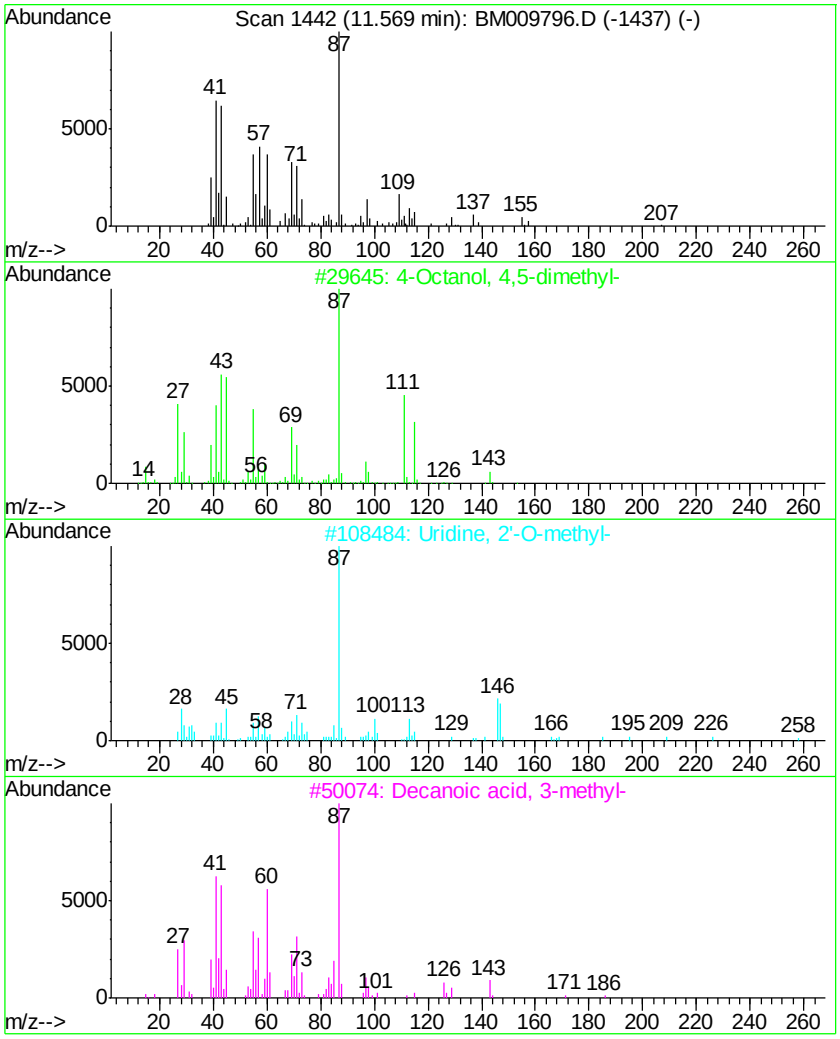
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

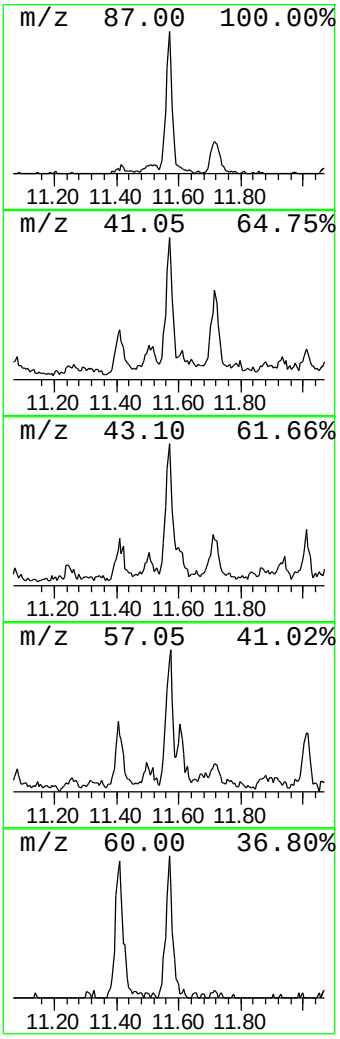
****

Peak Number 2 4-Octanol, 4,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.98 ng/ul	334466	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octanol, 4,5-dimethyl-	158	C10H22O	054340-92-0	53
2	Uridine, 2'-O-methyl-	258	C10H14N2O6	002140-76-3	53
3	Decanoic acid, 3-methyl-	186	C11H22O2	060308-82-9	50
4	1,3-Dioxolane-2-butanol, 2-methyl-	160	C8H16O3	005745-75-5	43
5	1,3-Dioxolane-2-propanol, 2-meth...	188	C9H16O4	029021-95-2	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

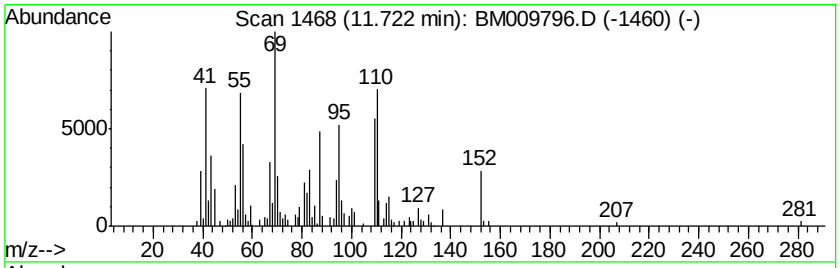
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

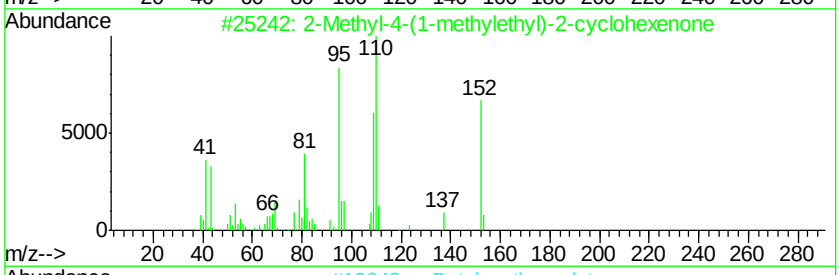
****

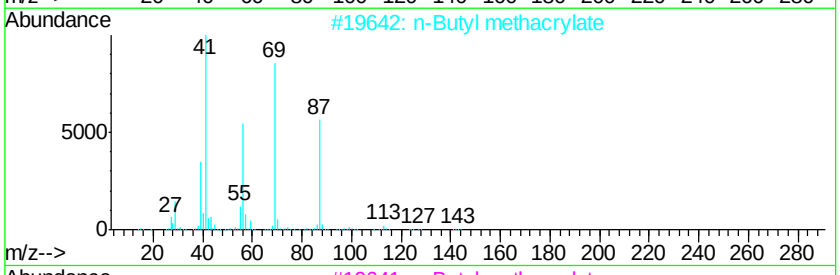
Peak Number 3 unknown-01 Concentration Rank 15

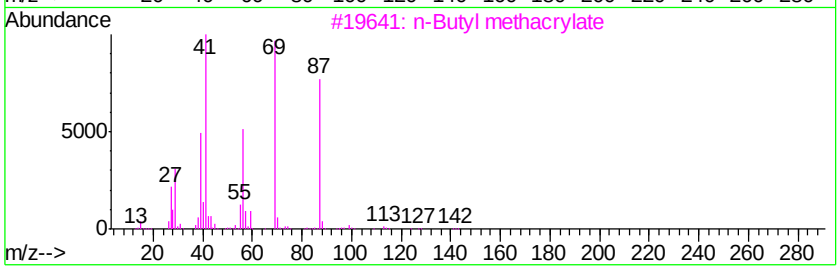
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.63 ng/ul	305523	Naphthalene-d8	10.62

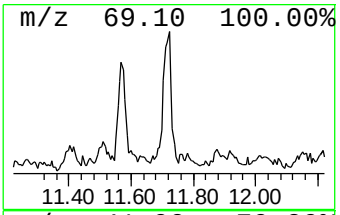
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-(1-methylethyl)-2-cyc...	152	C10H16O	041469-46-9	42
2	n-Butyl methacrylate	142	C8H14O2	000097-88-1	35
3	n-Butyl methacrylate	142	C8H14O2	000097-88-1	35
4	2-Propenoic acid, 2-methyl-, pro...	128	C7H12O2	002210-28-8	22
5	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	15

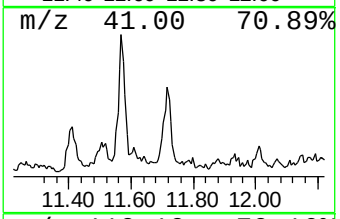


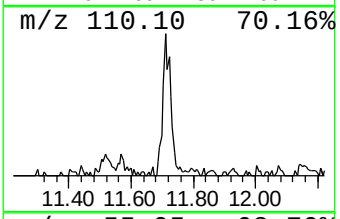


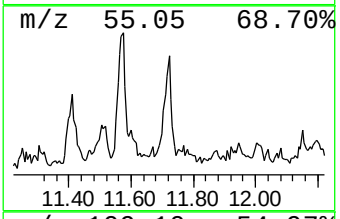


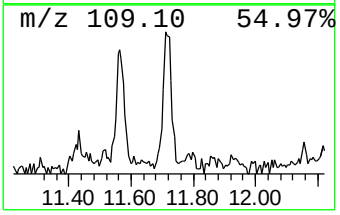












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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

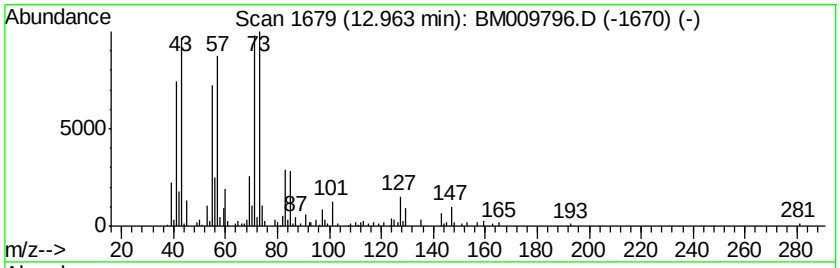
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

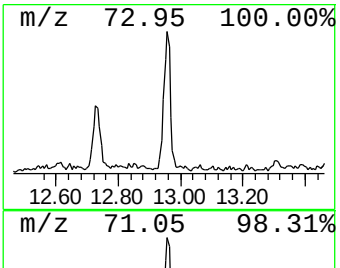
****

Peak Number 4 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.41 ng/ul	475454	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	47
2	Succinic acid, pentyl tetrahydro...	272	C14H24O5	1000329-86-3	38
3	Sulfurous acid, octadecyl 2-pent...	404	C23H48O3S	1000309-16-6	38
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	38
5	5-Ethyl-4-undecanone	198	C13H26O	1000374-08-5	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

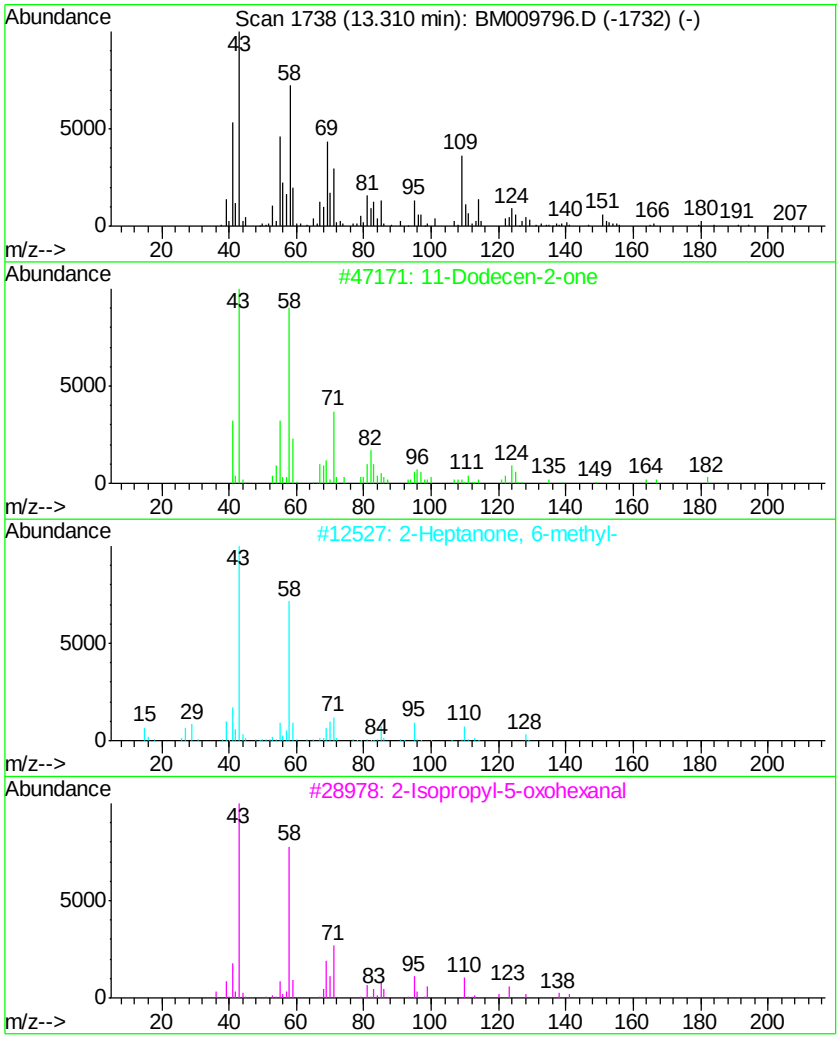
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

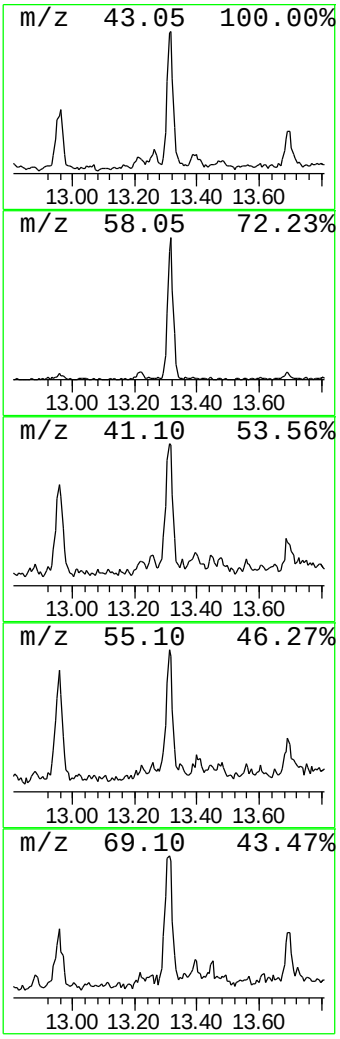
****

Peak Number 5 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	4.86 ng/ul	677083	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Dodecen-2-one	182	C12H22O	005009-33-6	49
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	45
3	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	43
4	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	43
5	Undecanal, 2-methyl-	184	C12H24O	000110-41-8	38





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Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

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Quant Title : SVOA CALIBRATION

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

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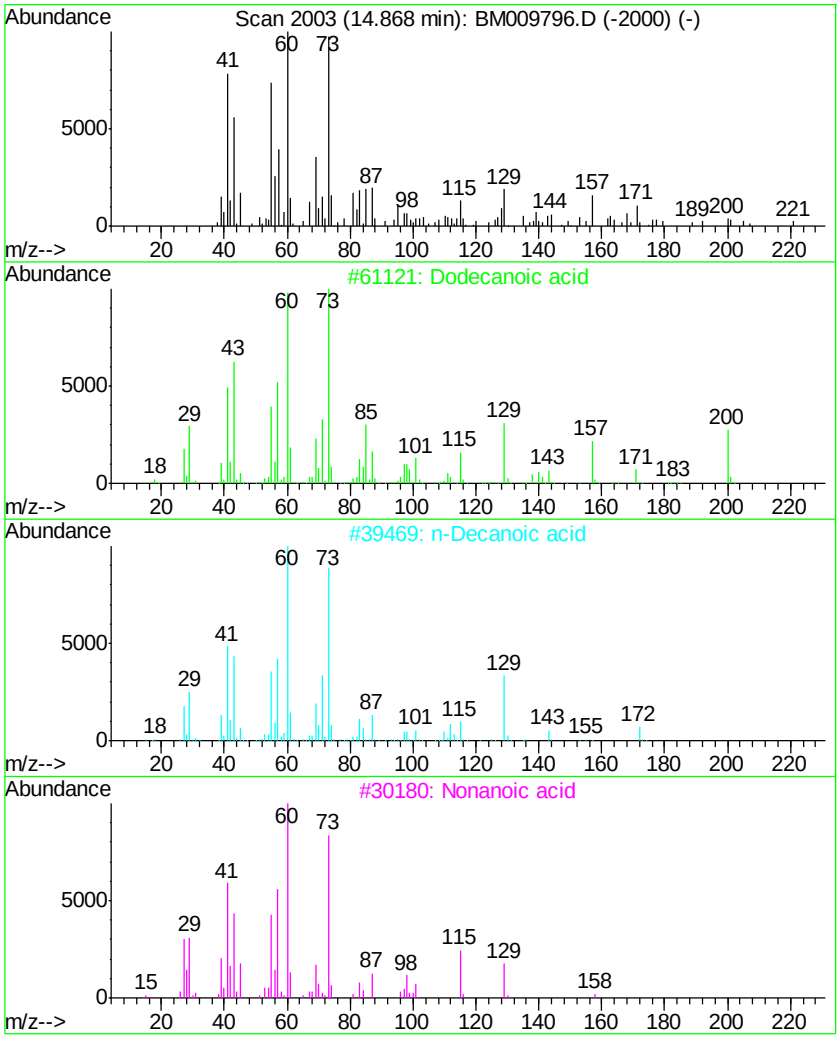
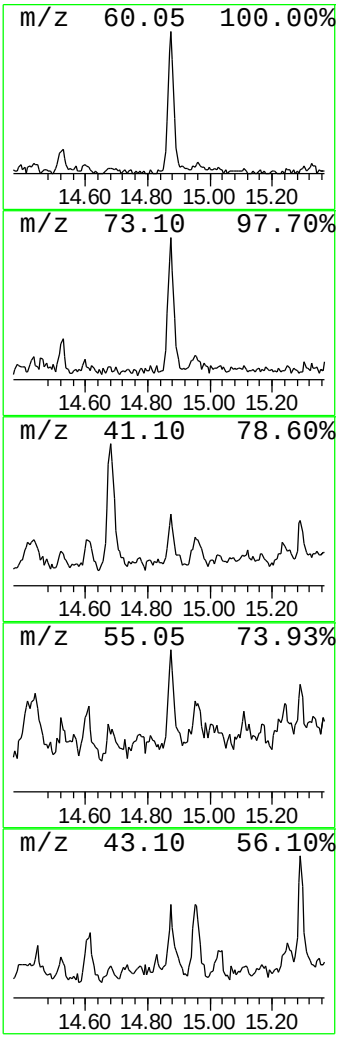
Peak Number 6 Dodecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.12 ng/ul	296251	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	72
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	Nonanoic acid	158	C9H18O2	000112-05-0	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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ClientSampleId : JHSS7

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Quant Title : SVOA CALIBRATION

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

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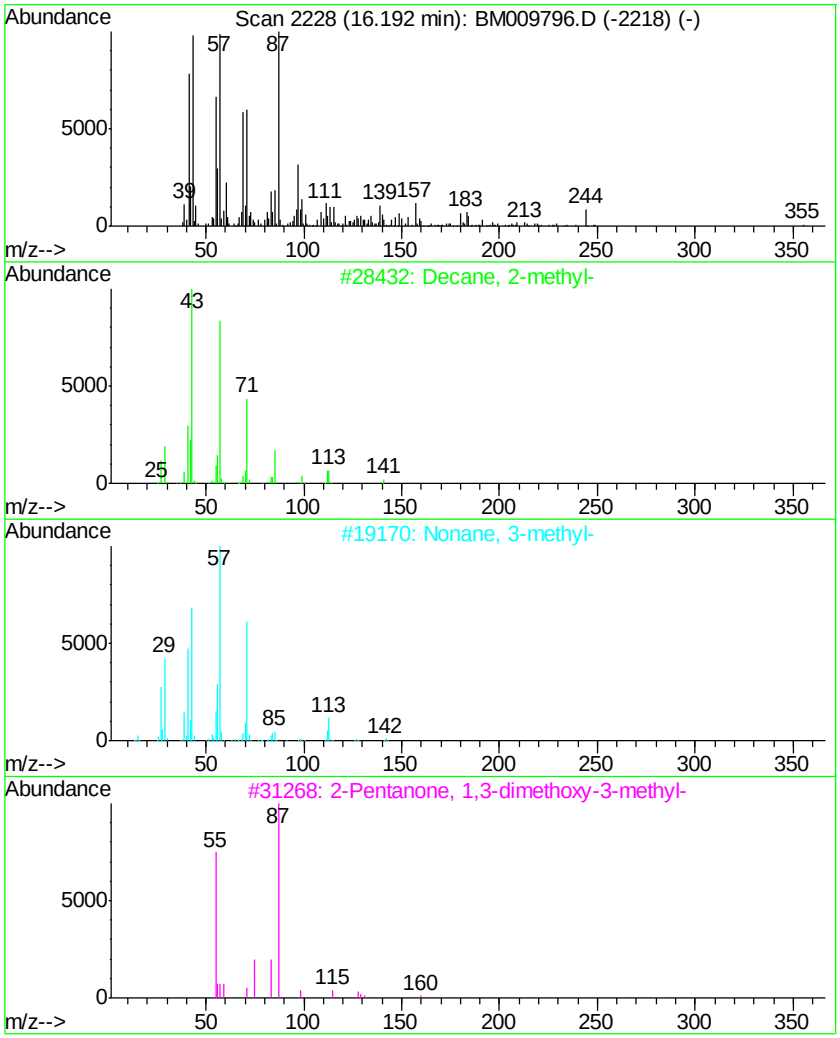
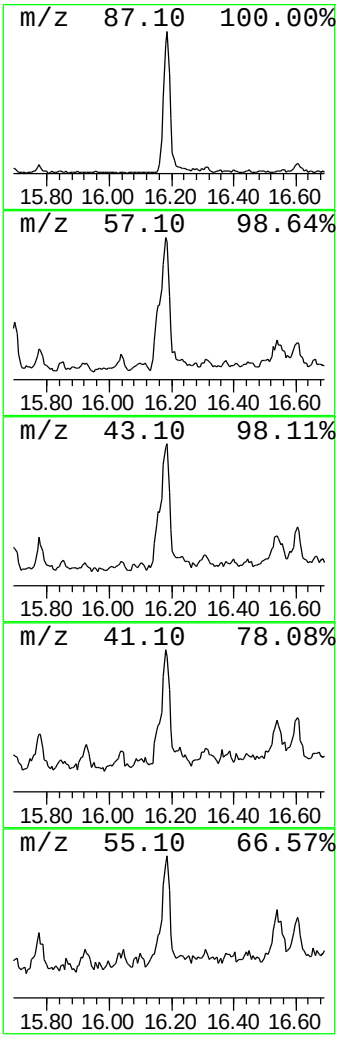
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	10.54 ng/ul	1462020	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	38
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3	2-Pentanone, 1,3-dimethoxy-3-met...	160	C8H16O3	056830-17-2	30
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	25
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	25





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Sample : I2845-08
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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

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Quant Title : SVOA CALIBRATION

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

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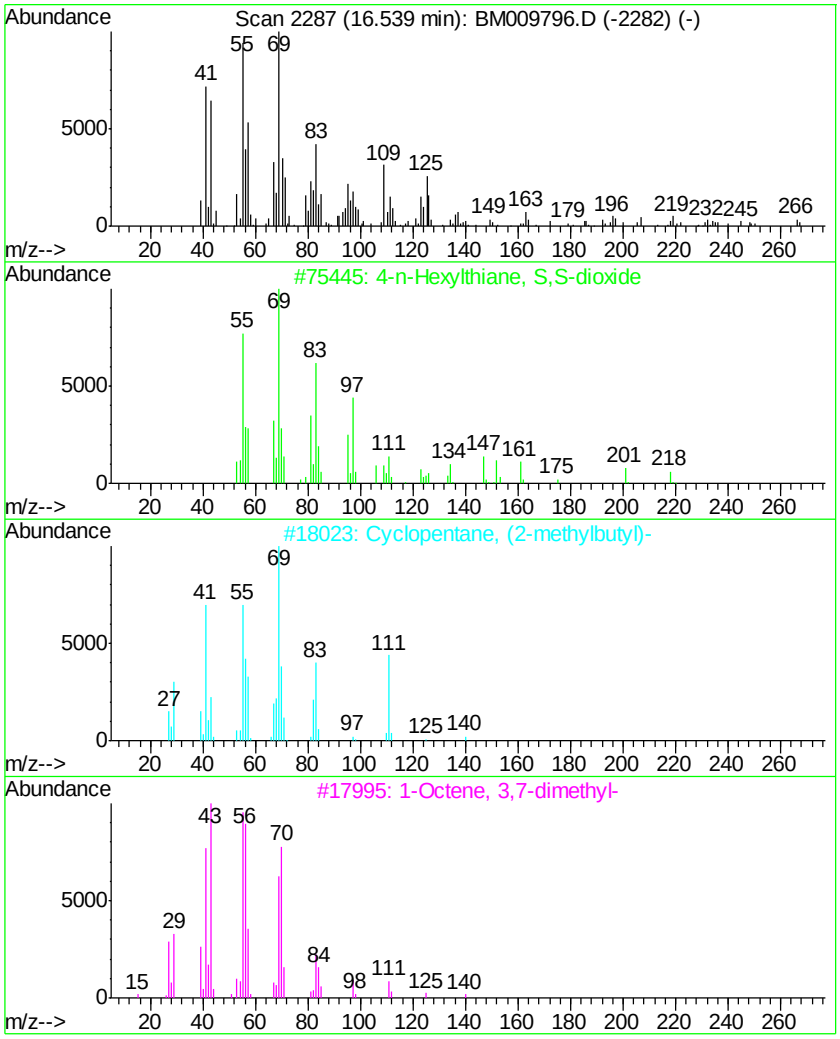
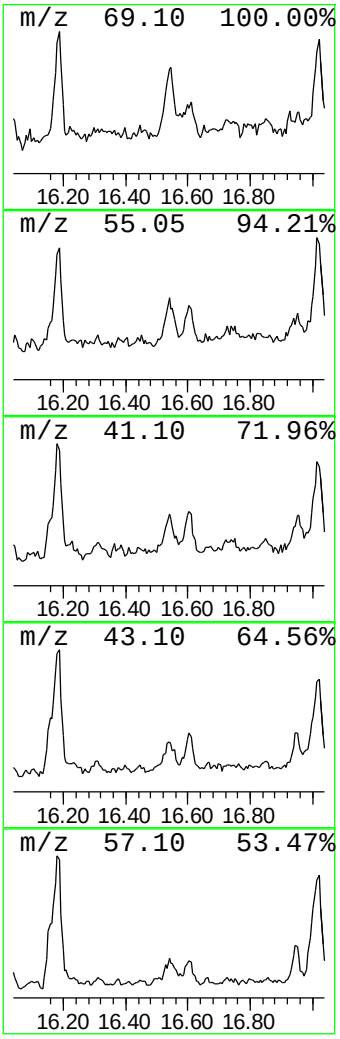
Peak Number 9 4-n-Hexylthiane, S,S-dioxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.01 ng/ul	417148	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	58
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
3	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	38
4	Cyclotetradecane	196	C14H28	000295-17-0	38
5	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	38





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Quant Title : SVOA CALIBRATION

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

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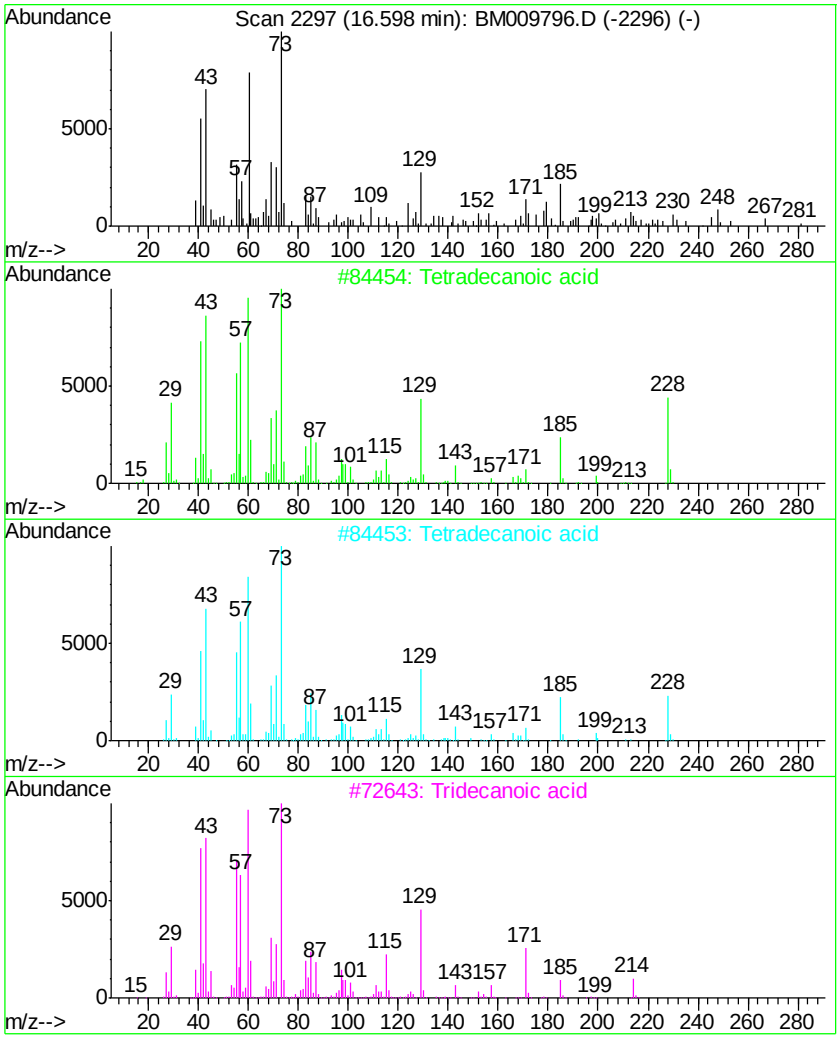
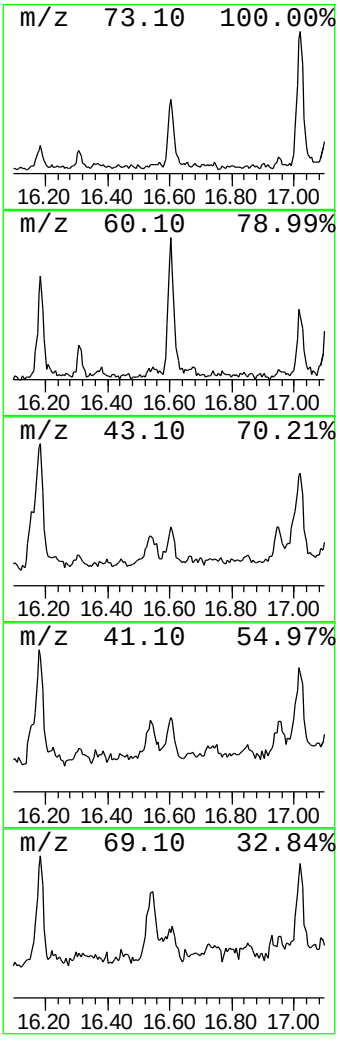
Peak Number 10 Tetradecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.46 ng/ul	341012	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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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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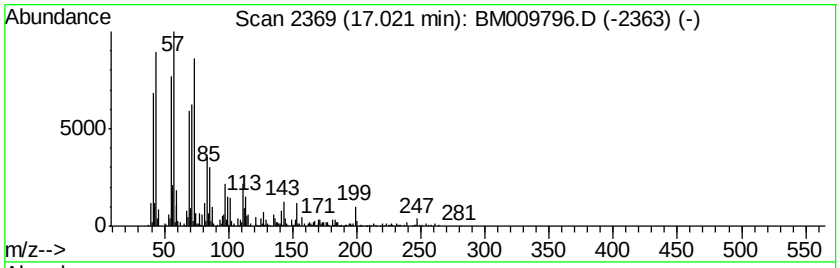
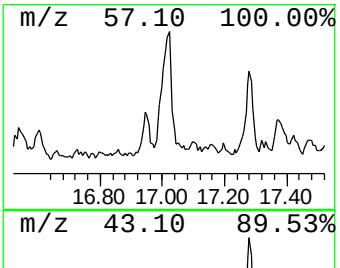
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	7.21 ng/ul	1000360	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
2	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	38
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	38
4	Tridecane	184	C13H28	000629-50-5	30
5	Tridecane	184	C13H28	000629-50-5	30





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Instrument : BNA_M
ClientSampleId : JHSS7

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Quant Title : SVOA CALIBRATION

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

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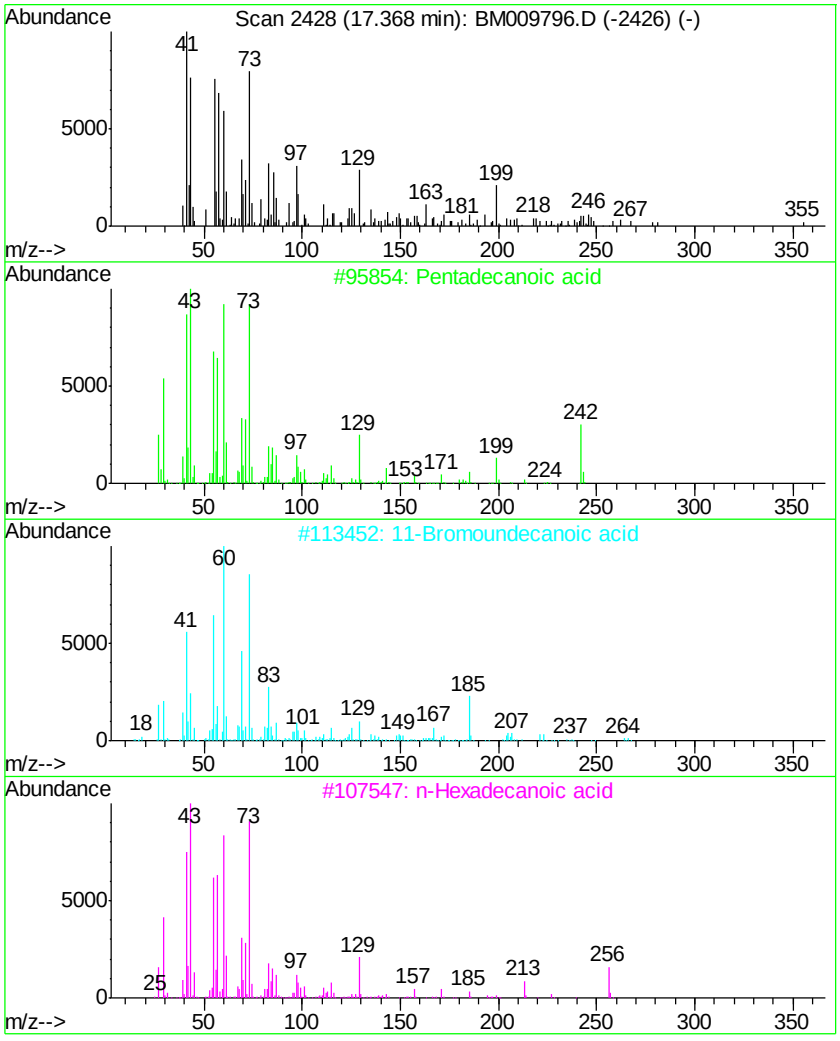
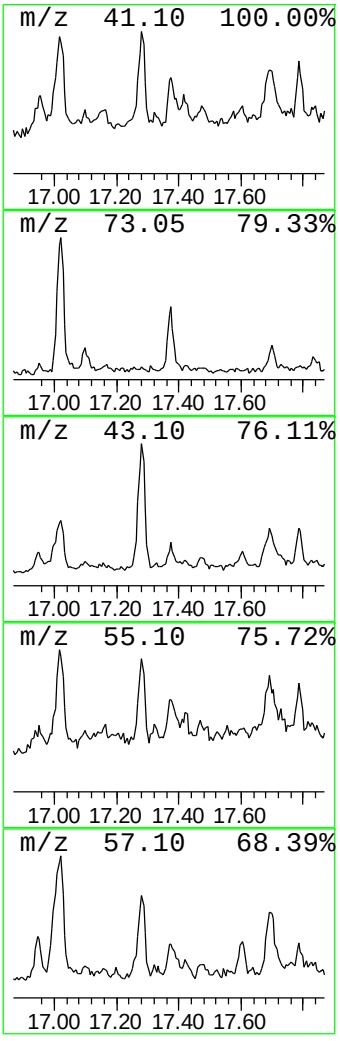
Peak Number 12 Pentadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.51 ng/ul	348666	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
2	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	53
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	35
5	1-Tetradecene	196	C14H28	001120-36-1	25





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Misc :
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Instrument : BNA_M
ClientSampleId : JHSS7

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Quant Title : SVOA CALIBRATION

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

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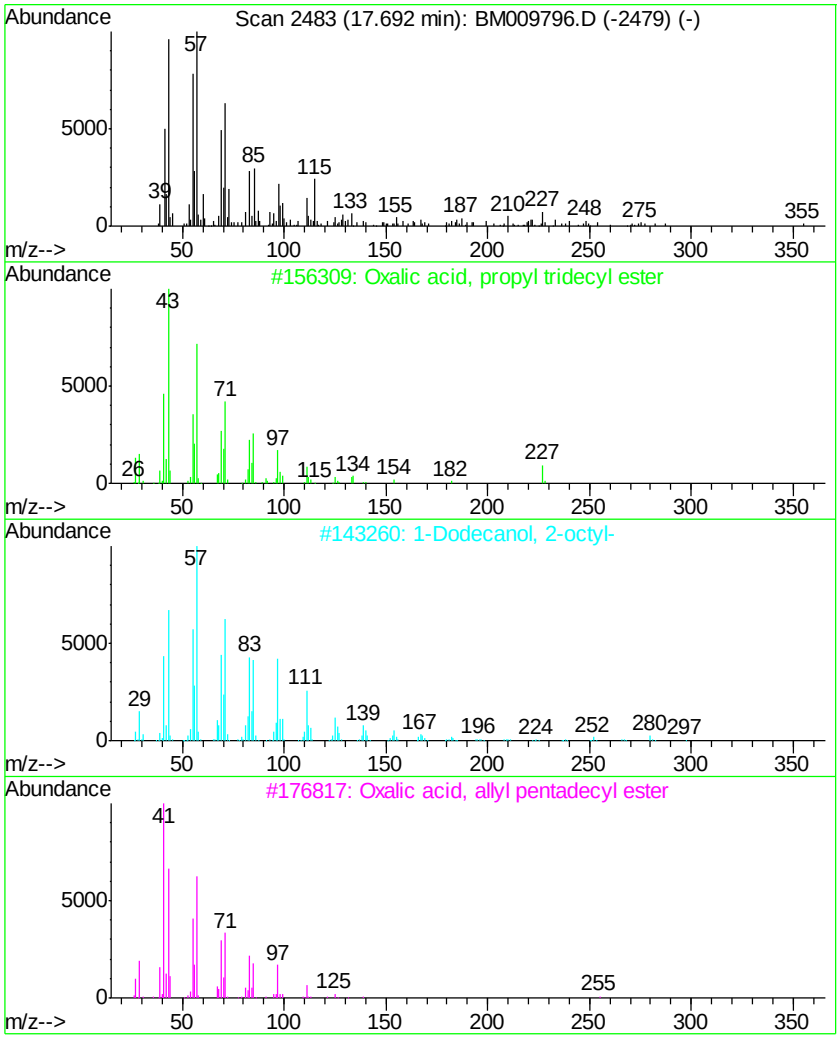
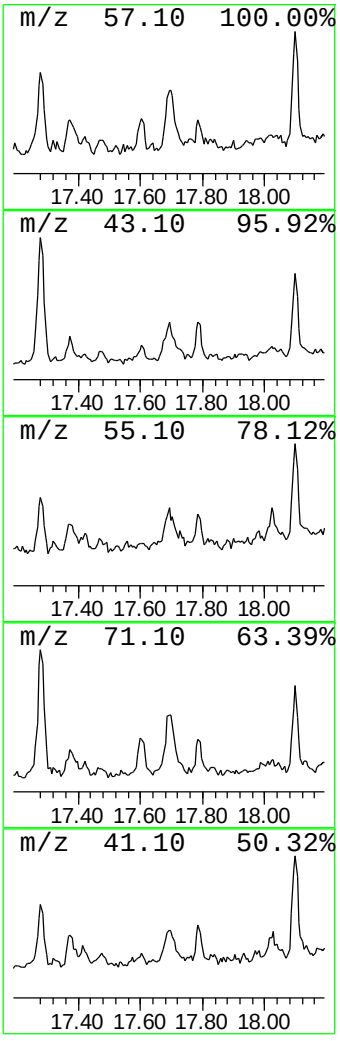
Peak Number 13 Oxalic acid, propyl tridecy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	4.55 ng/ul	630653	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, propyl tridecyl ester	314	C18H34O4	1000309-26-6	52
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	52
3	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	49
4	Hexadecane	226	C16H34	000544-76-3	46
5	5-Acetyl-1,3:2,4-di-O-methylene-...	218	C9H14O6	1000126-24-0	42





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Quant Title : SVOA CALIBRATION

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

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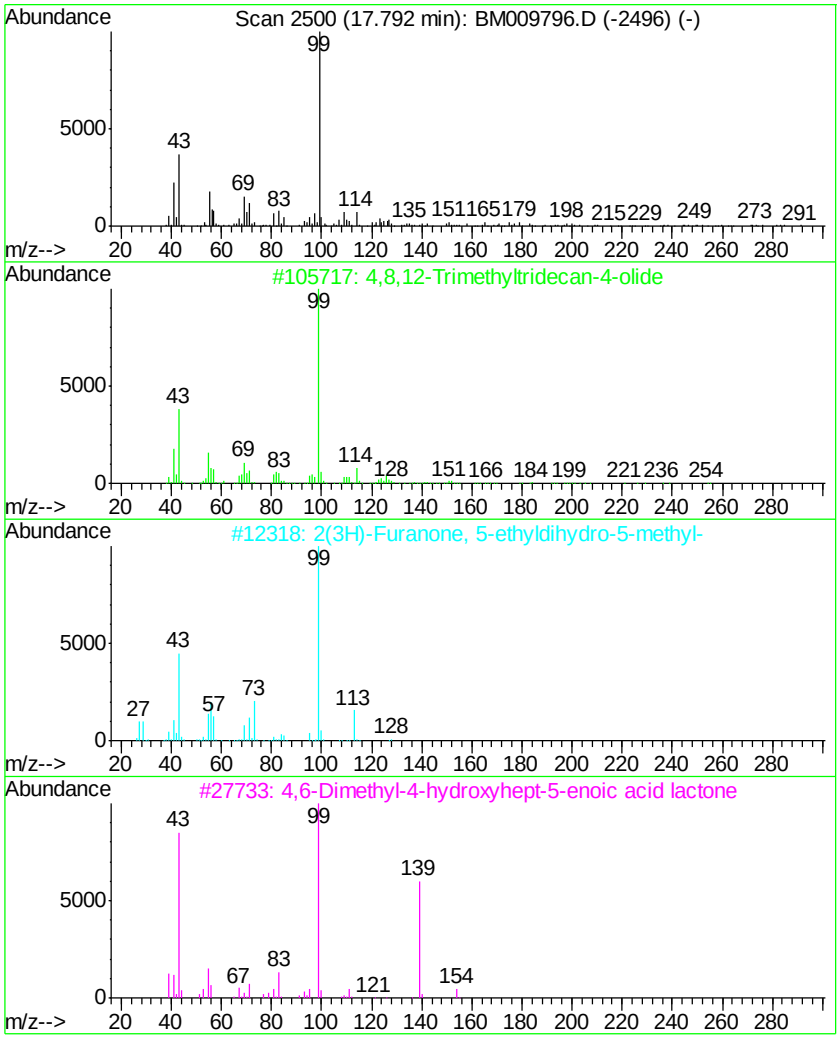
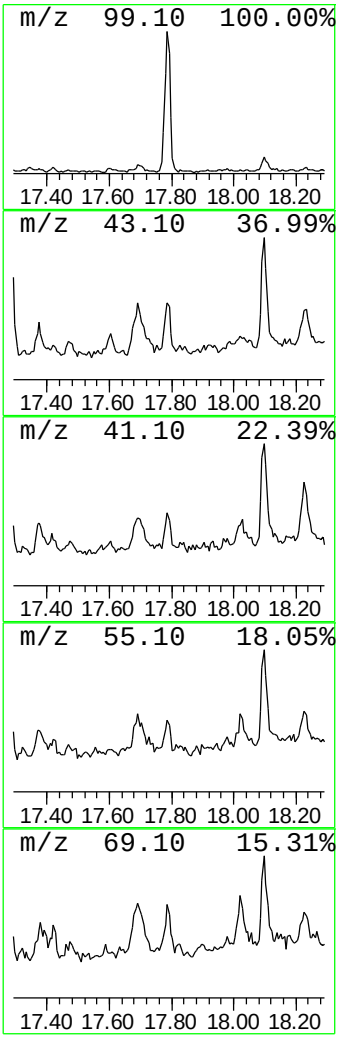
Peak Number 14 4,8,12-Trimethyltridecan-4-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.14 ng/ul	435048	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12-Trimethyltridecan-4-olide	254	C16H30O2	220904-24-5	72
2	2(3H)-Furanone, 5-ethyldihydro-5...	128	C7H12O2	002865-82-9	64
3	4,6-Dimethyl-4-hydroxyhept-5-eno...	154	C9H14O2	1000122-47-0	64
4	8-t-Butyl-1,4-dioxa-spiro[4.5]de...	270	C15H26O4	1000190-16-1	59
5	2-Piperidinone	99	C5H9NO	000675-20-7	58





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

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Quant Title : SVOA CALIBRATION

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

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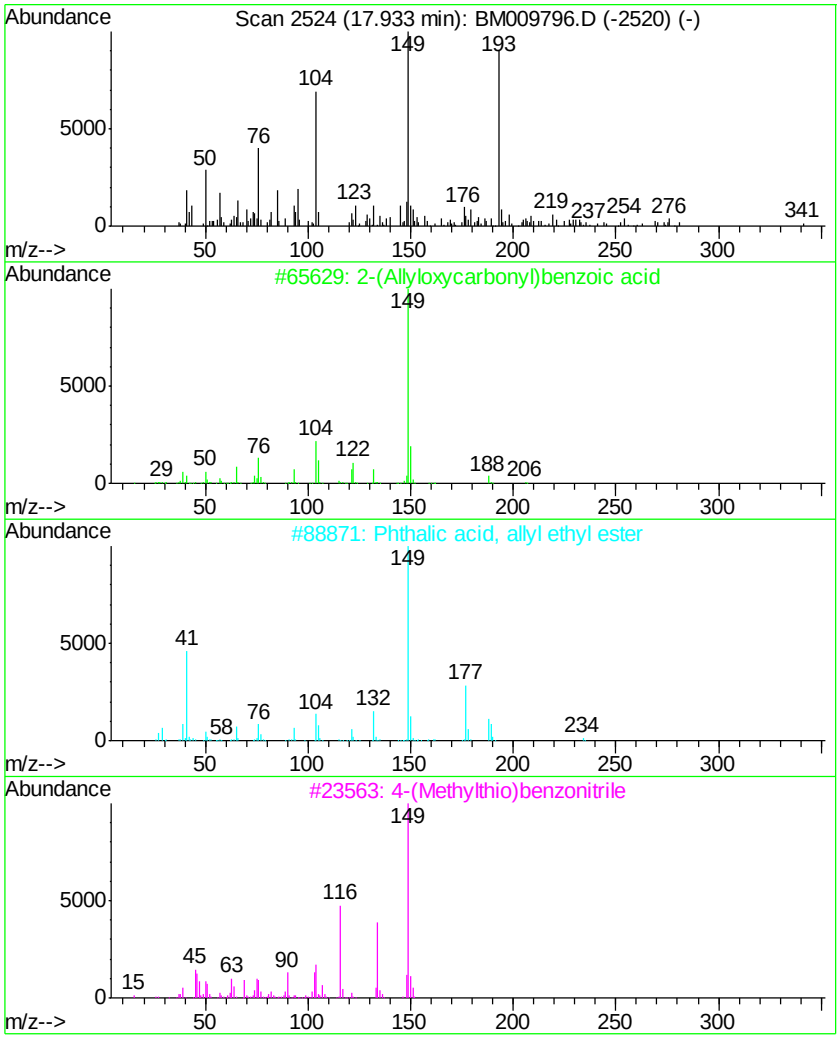
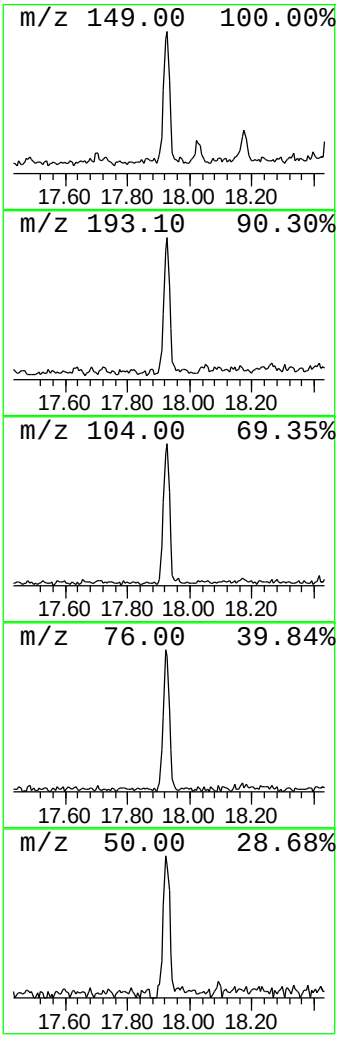
Peak Number 15 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.36 ng/ul	327519	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Allyloxycarbonyl)benzoic acid	206	C11H10O4	1000373-67-6	27
2	Phthalic acid, allyl ethyl ester	234	C13H14O4	033672-94-5	22
3	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	18
4	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	18
5	(2-Hydroxy-4,5-dimethylbenzoyl)f...	194	C10H10O4	1000241-63-9	18





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Quant Title : SVOA CALIBRATION

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

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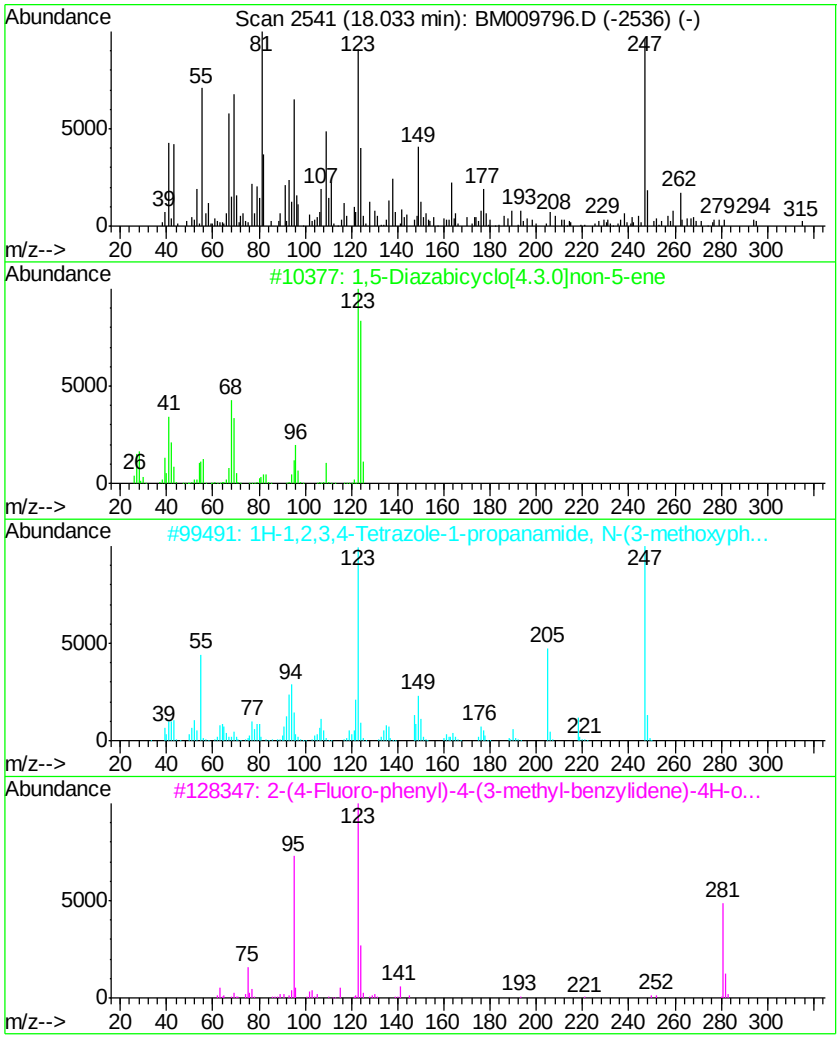
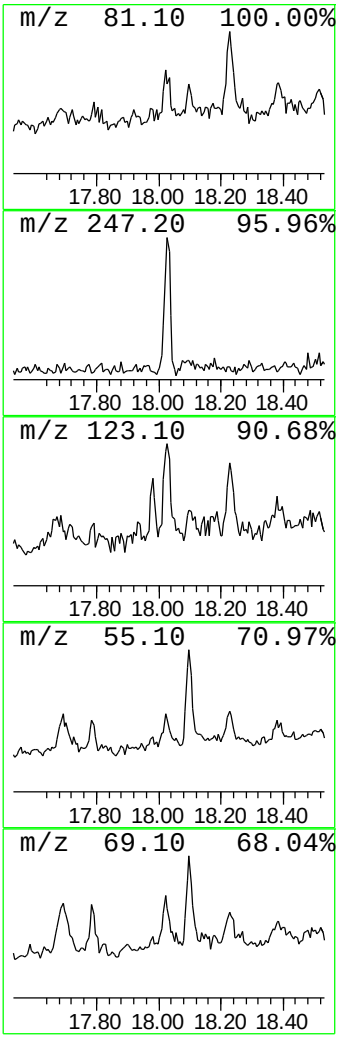
Peak Number 16 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.34 ng/ul	463497	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Diazabicyclo[4.3.0]non-5-ene	124	C7H12N2	003001-72-7	35
2	1H-1,2,3,4-Tetrazole-1-propanami...	247	C11H13N5O2	1000316-32-5	30
3	2-(4-Fluoro-phenyl)-4-(3-methyl-...	281	C17H12FNO2	1000296-71-2	27
4	Benzaldehyde, 4-fluoro-	124	C7H5FO	000459-57-4	25
5	2,5,9-Tetradecatriene, 3,12-diet...	248	C18H32	074685-87-3	20





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Quant Title : SVOA CALIBRATION

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

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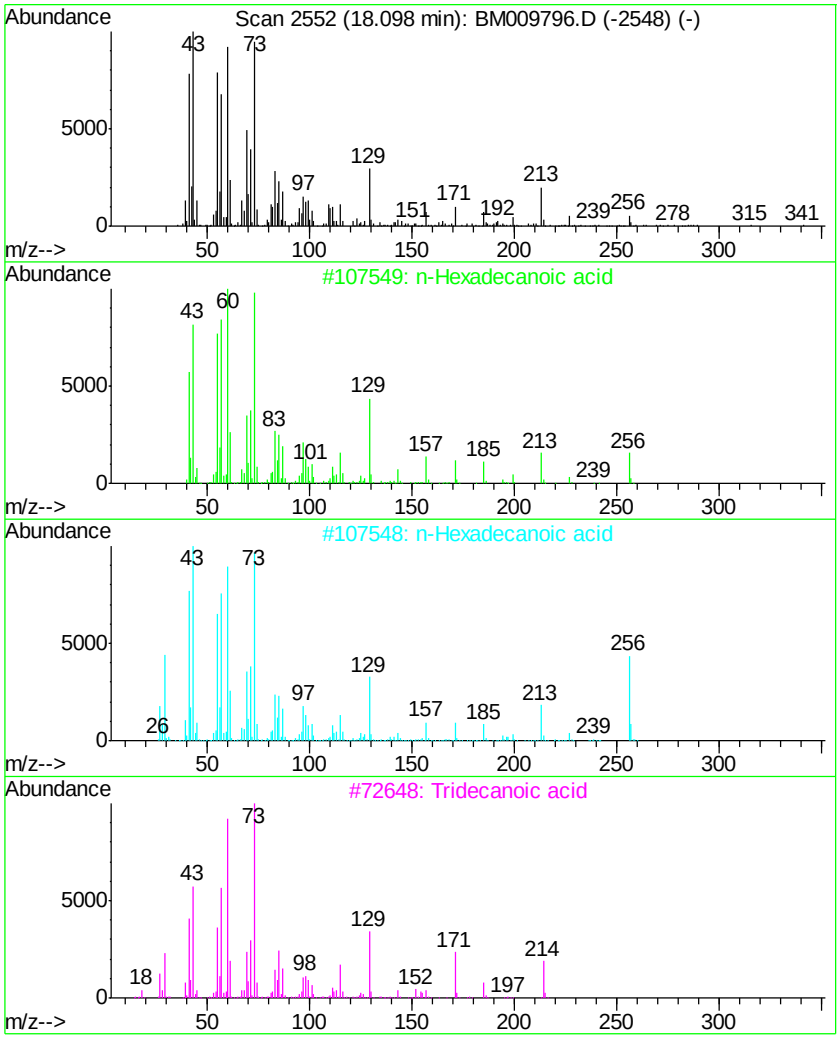
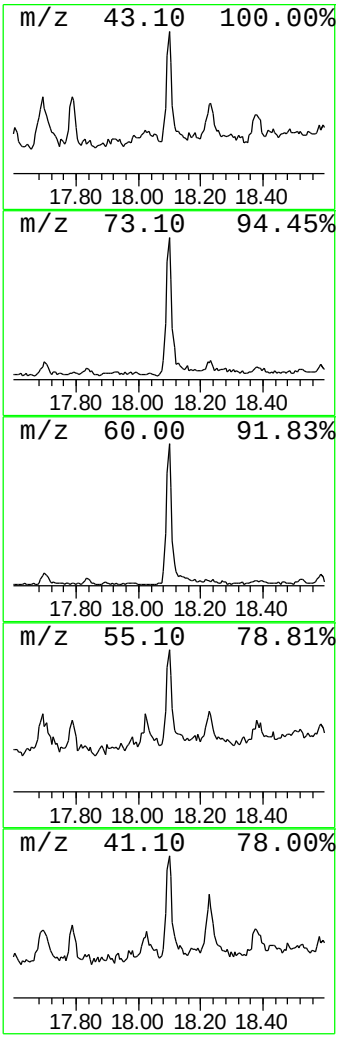
Peak Number 17 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	10.27 ng/ul	1424580	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Instrument : BNA_M
ClientSampleId : JHSS7

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Quant Title : SVOA CALIBRATION

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

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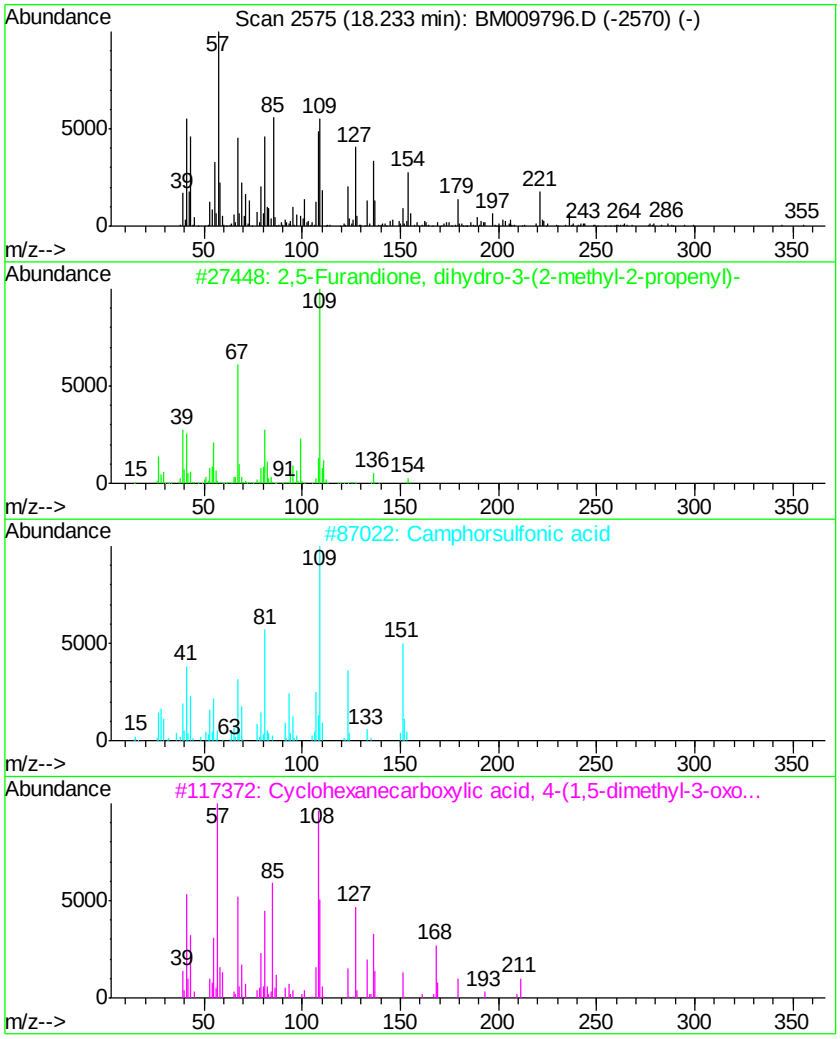
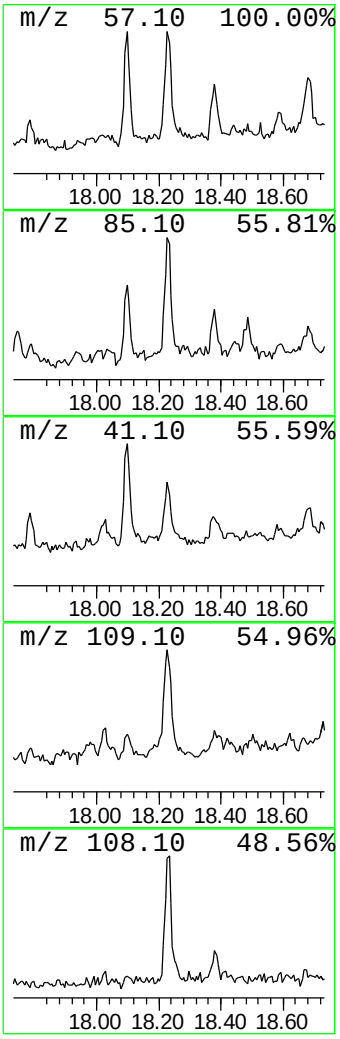
Peak Number 18 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	6.75 ng/ul	935454	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	27
2	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	27
3	Cyclohexanecarboxylic acid, 4-(1...	268	C16H28O3	017904-29-9	25
4	1,4-Benzodioxin, 4a,5,6,7,8,8a-h...	154	C9H14O2	007196-96-5	22
5	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	22





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Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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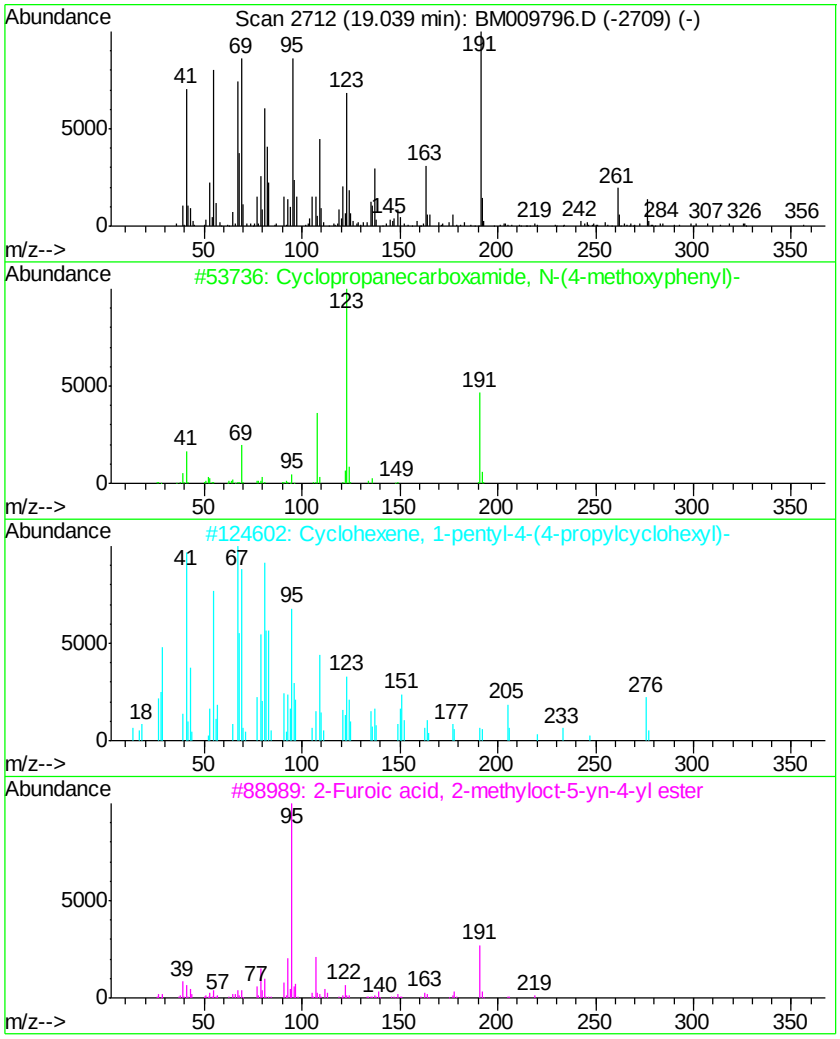
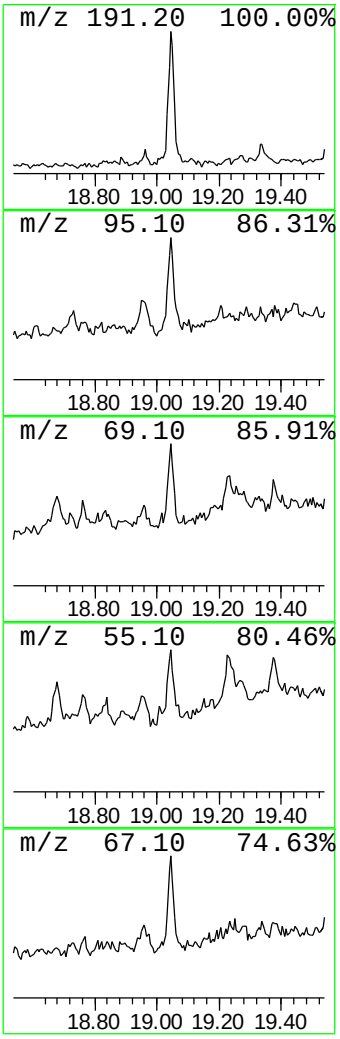
Peak Number 19 unknown-07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	7.34 ng/ul	1017330	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxamide, N-(4-me...	191	C11H13NO2	1000307-18-8	43
2	Cyclohexene, 1-pentyl-4-(4-propy...	276	C20H36	108067-20-5	38
3	2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	35
4	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	30
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	30





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Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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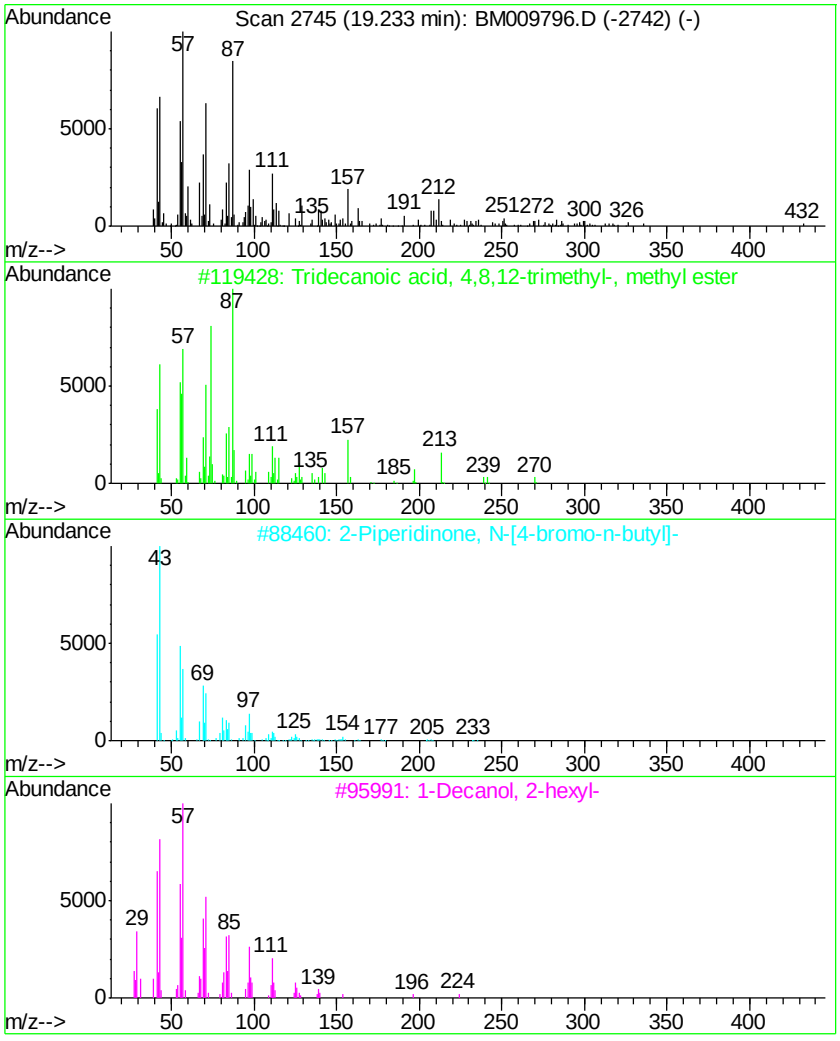
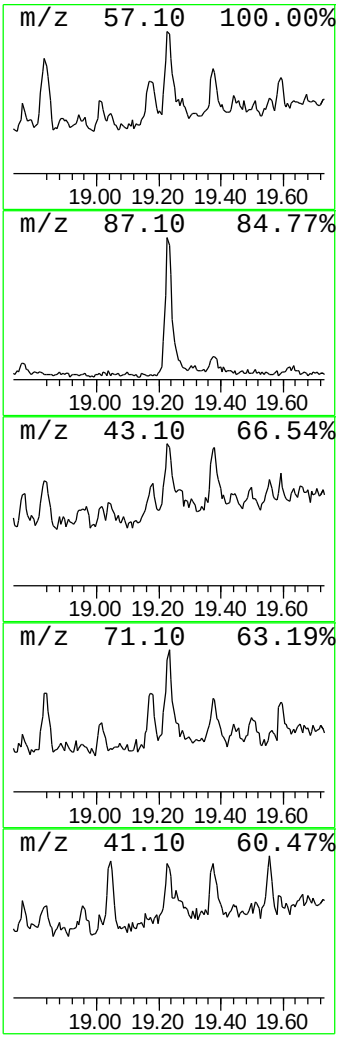
Peak Number 20 Tridecanoic acid, 4,8,12-tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.60 ng/ul	499392	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, 4,8,12-trimeth...	270	C17H34O2	010339-74-9	60
2	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	38
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
4	1,2,5-Triazole, 1-octyl-3-nitro-...	285	C11H19N5O4	339589-41-2	25
5	Ethyl acetoacetate ethylene acetal	174	C8H14O4	006413-10-1	22





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Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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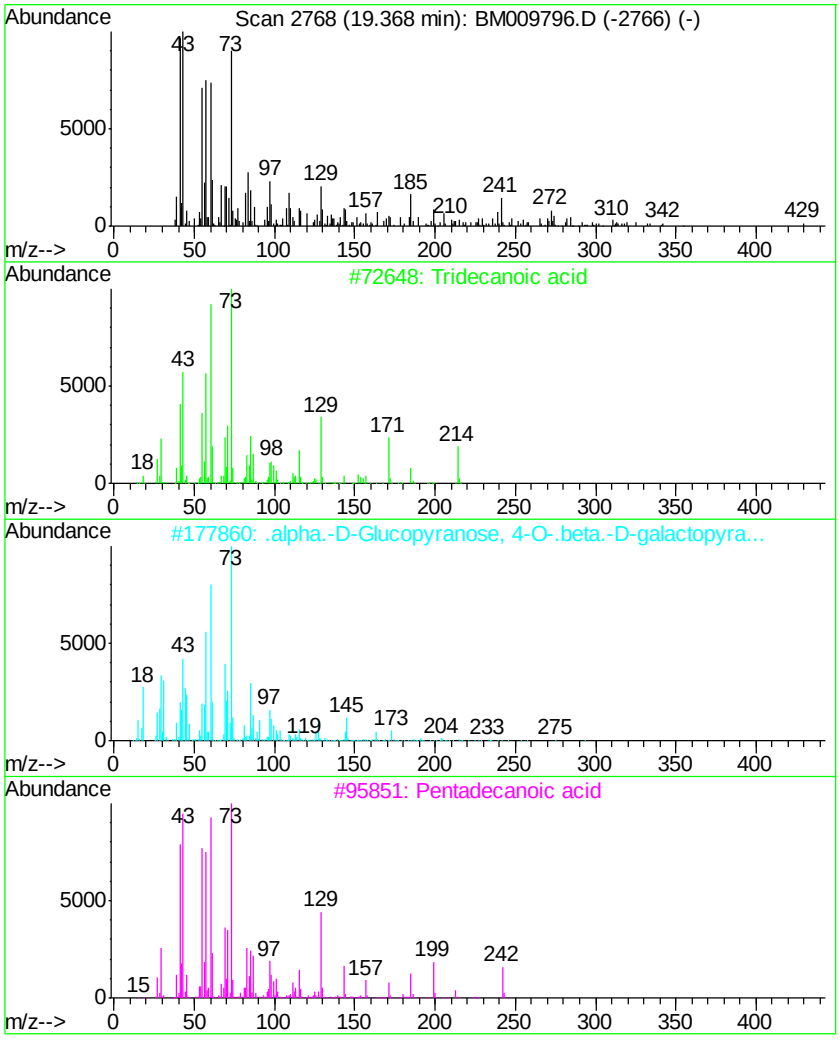
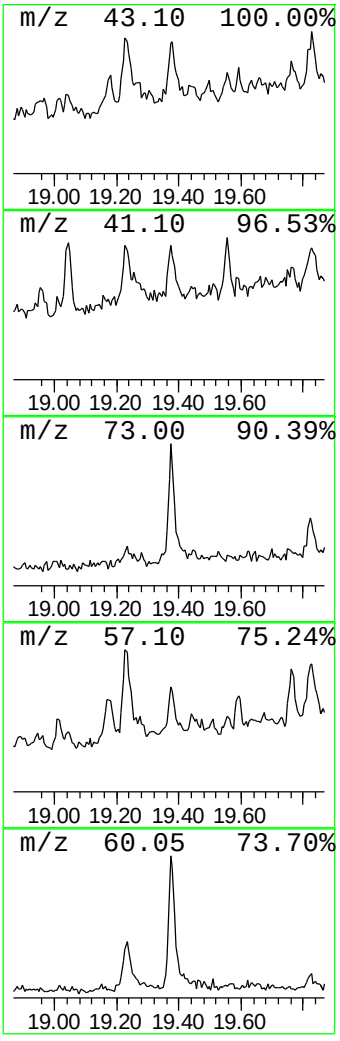
Peak Number 21 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	3.85 ng/ul	514559	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	60





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
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Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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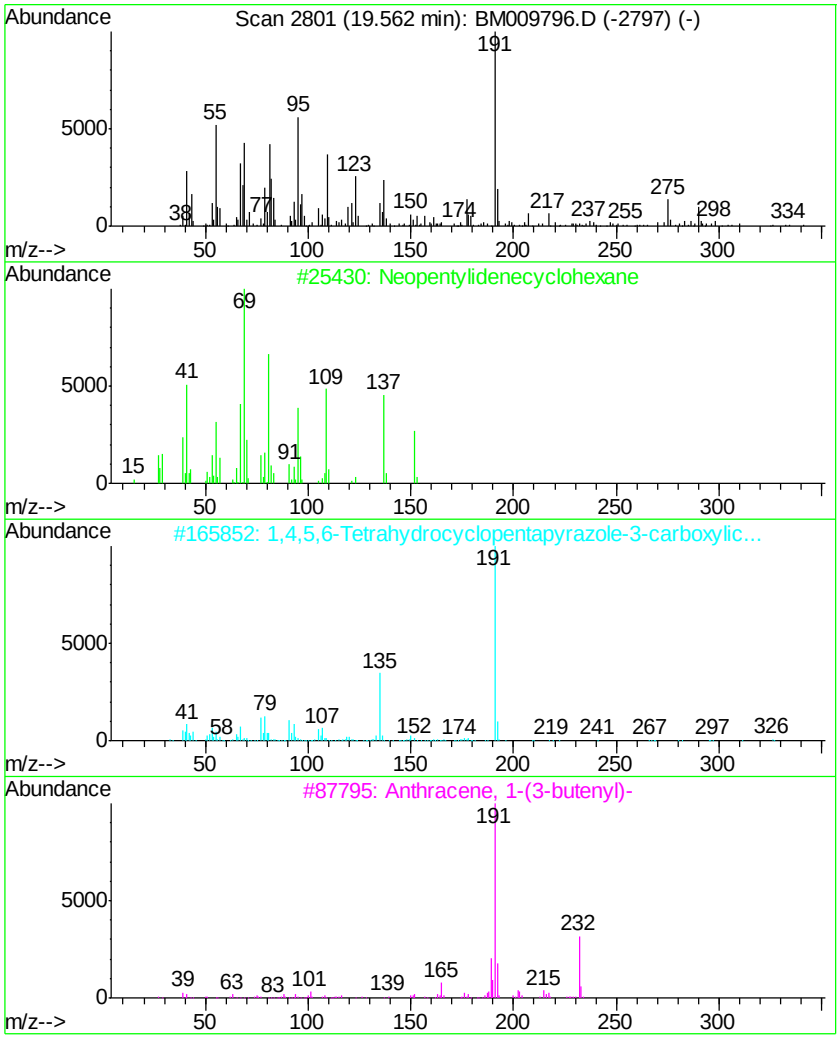
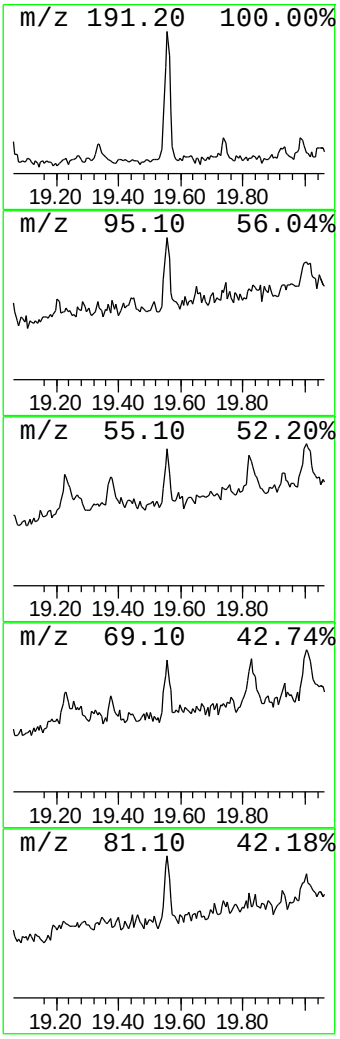
Peak Number 22 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	4.54 ng/ul	607059	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
2	1,4,5,6-Tetrahydrocyclopentapyra...	326	C19H26N4O	1000265-46-6	22
3	Anthracene, 1-(3-butenyl)-	232	C18H16	1000156-51-8	22
4	Isophthalic acid, 2-formylphenyl...	312	C18H16O5	1000344-61-1	22
5	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	22





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Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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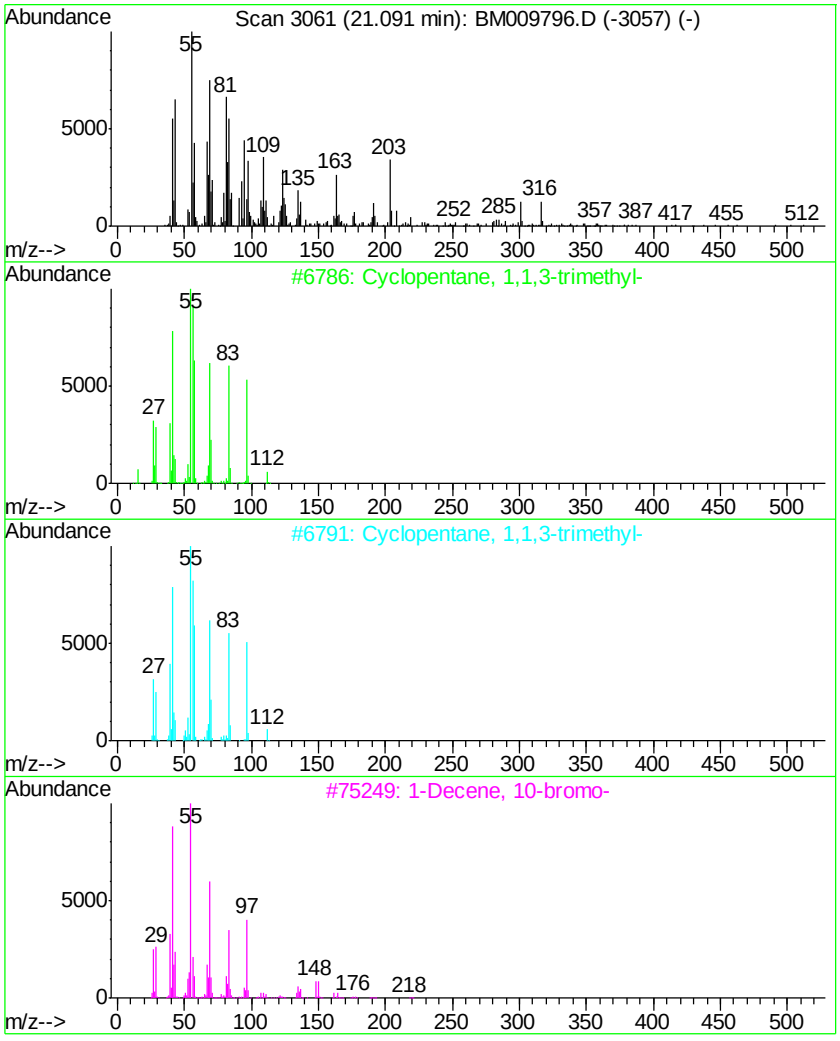
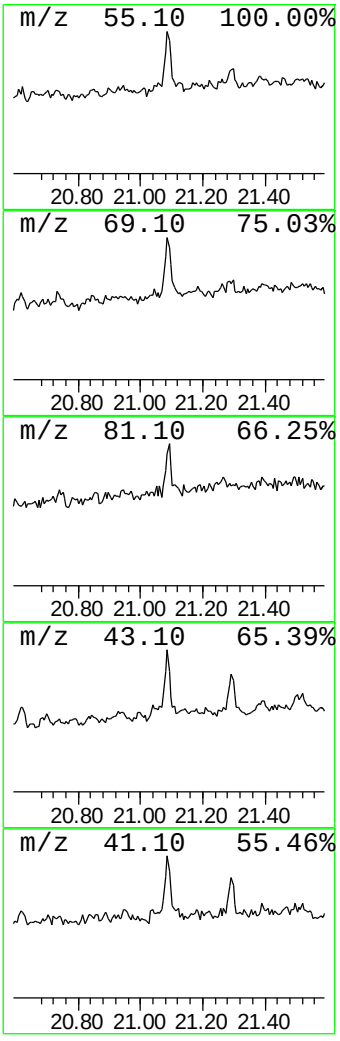
Peak Number 23 (DEL) Alkane: Cyclic21.09 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	8.39 ng/ul	1122970	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	55
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
3	1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	43
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	42
5	1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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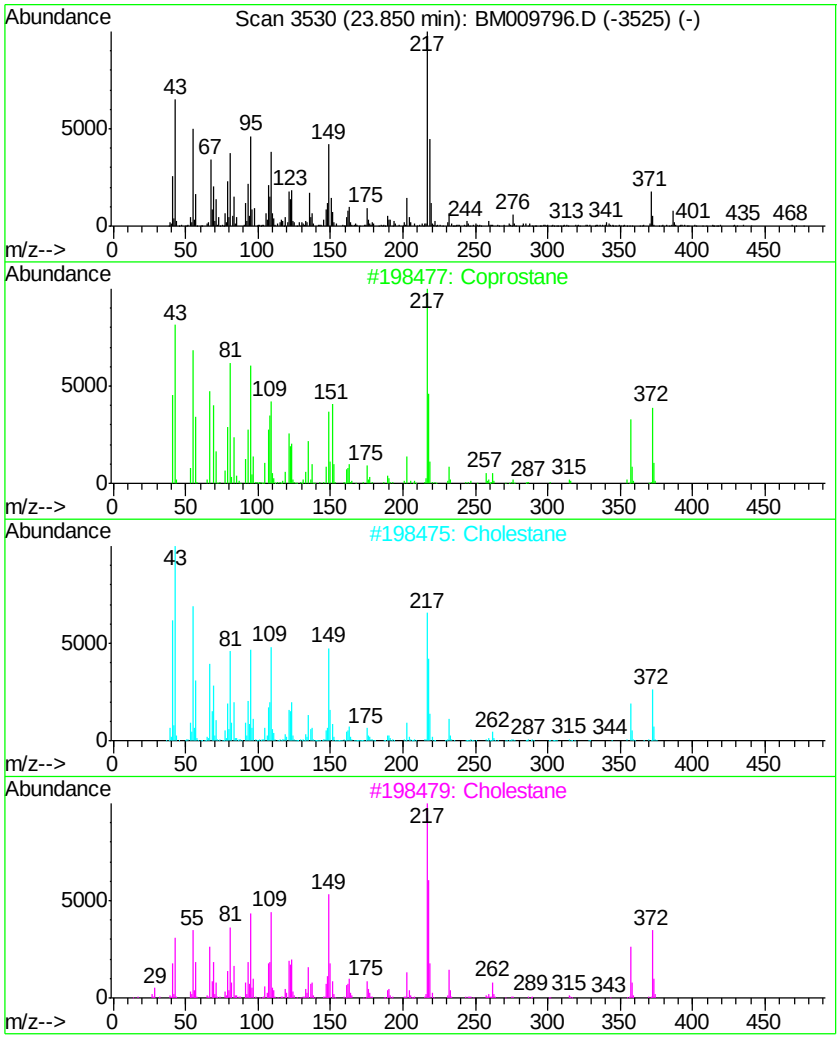
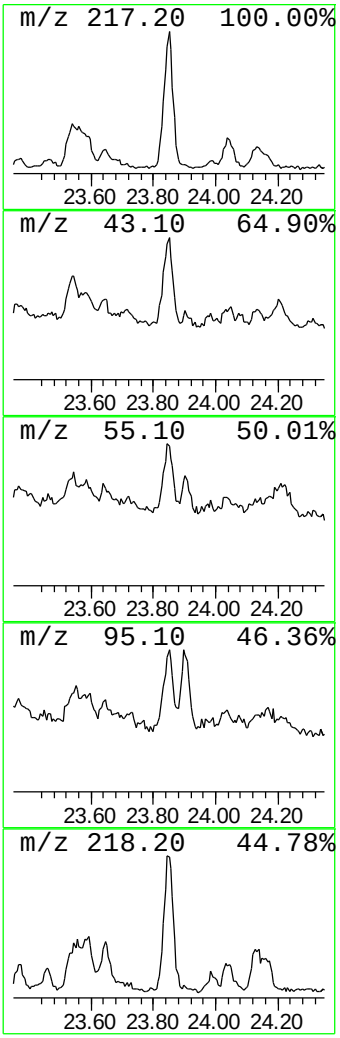
Peak Number 24 Coprostane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	16.32 ng/ul	2162900	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coprostane	372	C27H48	000481-20-9	94
2	Cholestane	372	C27H48	000481-21-0	86
3	Cholestane	372	C27H48	000481-21-0	64
4	Cholestane	372	C27H48	000481-21-0	62
5	A-Norcholestan-2-one, (5.alpha.)-	372	C26H44O	002310-36-3	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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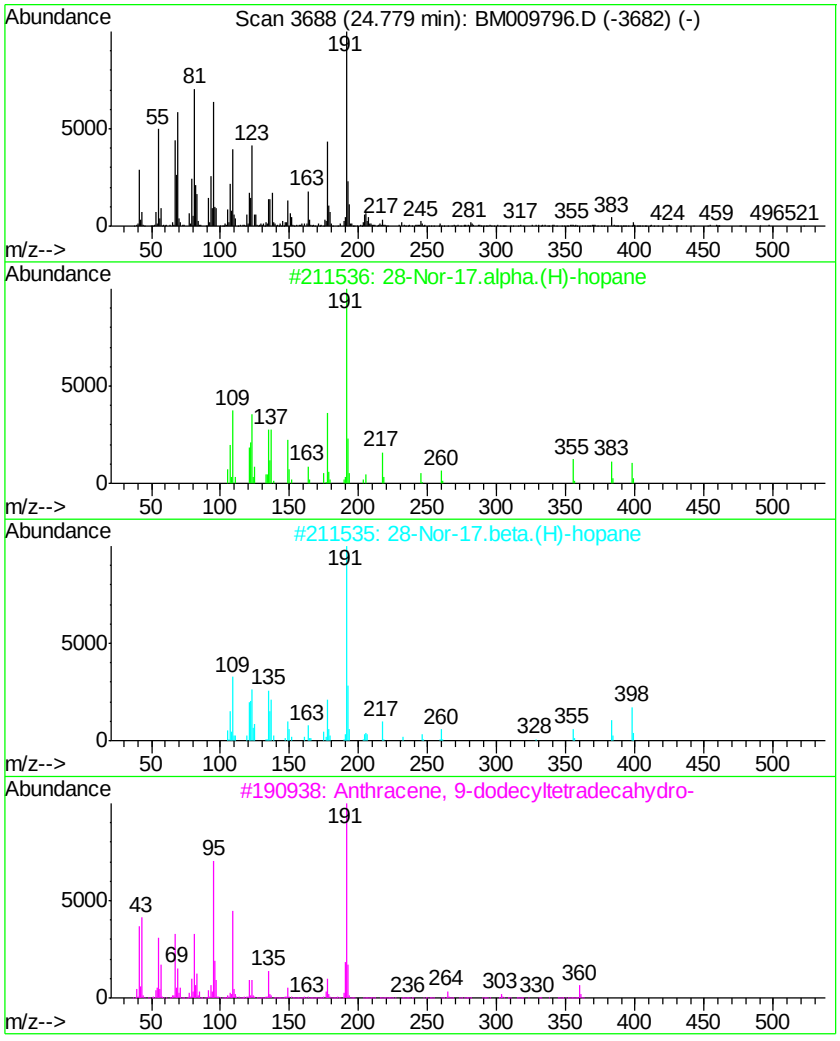
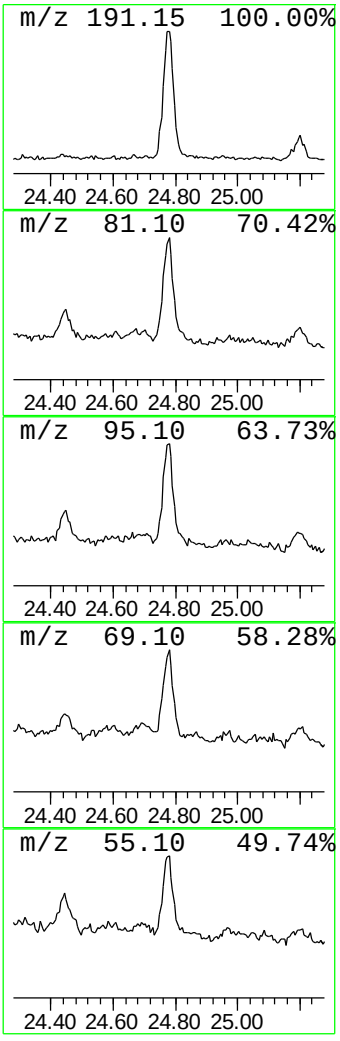
Peak Number 25 28-Nor-17.alpha.(H)-hopane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.78	29.66 ng/ul	3930590	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	83
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	47
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	42
5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	35





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Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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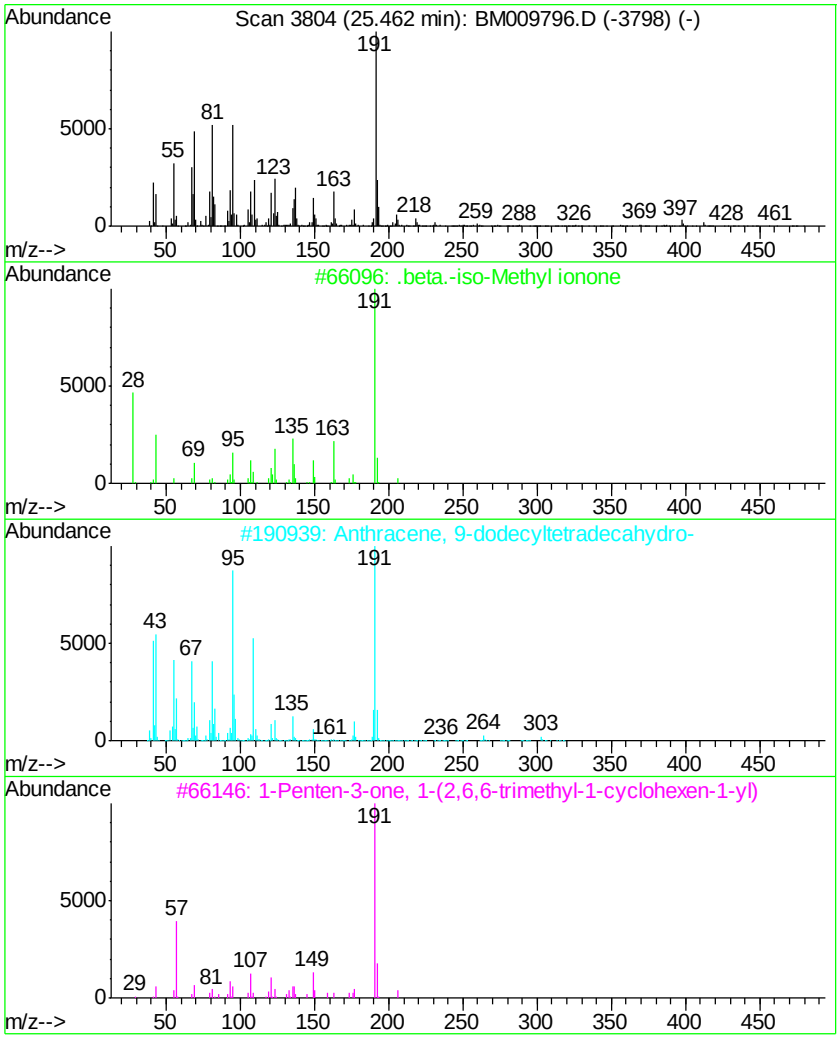
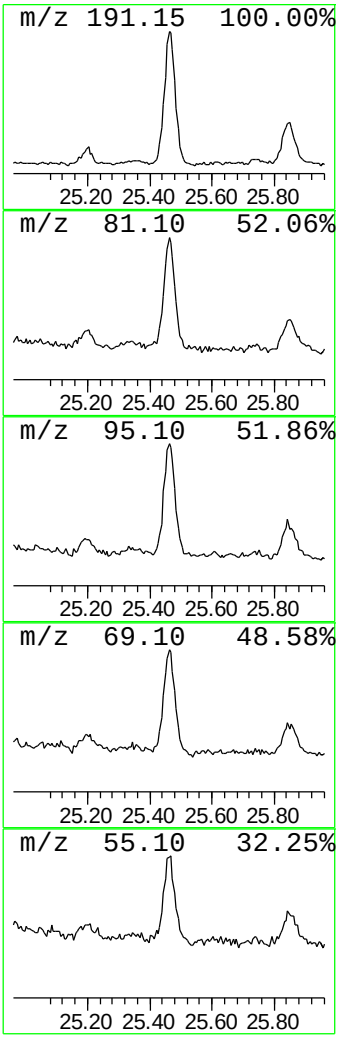
Peak Number 26 unknown-09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.46	38.90 ng/ul	5154450	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	32
5	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042817\
Data File : BM009796.D
Acq On : 29 Apr 2017 00:39
Operator : SJ/MA
Sample : I2845-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
Nonanoic acid	11.41	2.3	ng/ul	195712	2	10.62	1681450	20.0
4-Octanol, 4,5-di...	11.57	4.0	ng/ul	334466	2	10.62	1681450	20.0
unknown-01	11.72	3.6	ng/ul	305523	2	10.62	1681450	20.0
unknown-02	12.96	3.4	ng/ul	475454	3	14.47	2788460	20.0
unknown-03	13.31	4.9	ng/ul	677083	3	14.47	2788460	20.0
Dodecanoic acid	14.87	2.1	ng/ul	296251	3	14.47	2788460	20.0
(DEL) Alkane: Str...	16.19	10.5	ng/ul	1462020	4	17.22	2773160	20.0
4-n-Hexylthiane, ...	16.54	3.0	ng/ul	417148	4	17.22	2773160	20.0
Tetradecanoic acid	16.60	2.5	ng/ul	341012	4	17.22	2773160	20.0
(DEL) Alkane: Str...	17.02	7.2	ng/ul	1000360	4	17.22	2773160	20.0
Pentadecanoic acid	17.37	2.5	ng/ul	348666	4	17.22	2773160	20.0
Oxalic acid, prop...	17.69	4.5	ng/ul	630653	4	17.22	2773160	20.0
4,8,12-Trimethylt...	17.79	3.1	ng/ul	435048	4	17.22	2773160	20.0
unknown-04	17.93	2.4	ng/ul	327519	4	17.22	2773160	20.0
unknown-05	18.03	3.3	ng/ul	463497	4	17.22	2773160	20.0
n-Hexadecanoic acid	18.10	10.3	ng/ul	1424580	4	17.22	2773160	20.0
unknown-06	18.23	6.8	ng/ul	935454	4	17.22	2773160	20.0
unknown-07	19.04	7.3	ng/ul	1017330	4	17.22	2773160	20.0
Tridecanoic acid,...	19.23	3.6	ng/ul	499392	4	17.22	2773160	20.0
Tridecanoic acid	19.37	3.9	ng/ul	514559	5	21.40	2675690	20.0
unknown-08	19.56	4.5	ng/ul	607059	5	21.40	2675690	20.0
(DEL) Alkane: Cyc...	21.09	8.4	ng/ul	1122970	5	21.40	2675690	20.0
Coprostane	23.85	16.3	ng/ul	2162900	6	23.71	2650380	20.0
28-Nor-17.alpha.(...	24.78	29.7	ng/ul	3930590	6	23.71	2650380	20.0
unknown-09	25.46	38.9	ng/ul	5154450	6	23.71	2650380	20.0