LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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	6.381	552	560	566	rVB4	190149	453367	3.23%	0.224%
2	6.687	602	612	622	rBV2	254241	462518	3.30%	0.228%
3	6.857	633	641	645	rBV2	158512	285870	2.04%	0.141%
4	6.992	659	664	676	rVB	975390	1684575	12.02%	0.831%
5	7.157	686	692	697	rBV	710628	1110065	7.92%	0.548%
6	7.204	697	700	705	rVB	283159	377779	2.70%	0.186%
7	7.357	719	726	732	rBV	988645	1561435	11.14%	0.770%
8	7.681	773	781	786	rBV2	181716	349897	2.50%	0.173%
9	7.822	799	805	811	rBV	928872	1423801	10.16%	0.702%
10	7.898	811	818	822	rVB2	188011	378151	2.70%	0.187%
11	8.433	900	909	915	rVV3	257355	670378	4.78%	0.331%
12	8.533	919	926	936	rVV	1210800	2057150	14.68%	1.015%
13	8.628	936	942	951	rVB2	159245	322272	2.30%	0.159%
14	8.992	997	1004	1020	rBV	993053	2198733	15.69%	1.085%
15	9.433	1072	1079	1085	rVB2	252163	472547	3.37%	0.233%
16	9.704	1116	1125	1135	rBV	822358	1548502	11.05%	0.764%
17	9.975	1156	1171	1175	rBV4	397608	1015617	7.25%	0.501%
18	10.180	1202	1206	1211	rVV3	200217	364887	2.60%	0.180%
19	10.245	1211	1217	1225	rVV3	1507615	3018520	21.53%	1.489%
20	10.457	1248	1253	1259	rVV2	234036	408114	2.91%	0.201%
21	10.551	1263	1269	1273	rVV4	198096	397838	2.84%	0.196%
22	10.622	1273	1281	1288	rVV	1294513	2348614	16.75%	1.158%
23	10.704	1290	1295	1298	rVV4	163305	273443	1.95%	0.135%
24	10.769	1298	1306	1318	rVV2	428141	1210683	8.64%	0.597%
25	11.480	1413	1427	1434	rBV2	752152	1985992	14.17%	0.980%
26	11.557	1435	1440	1445	rVV3	385030	805476	5.75%	0.397%
27	11.645	1445	1455	1466	rVV2	2021639	3942963	28.13%	1.945%
28	11.780	1466	1478	1484	rVB3	1052695	2827751	20.17%	1.395%
29	12.316	1566	1569	1579	rVB5	314109	526506	3.76%	0.260%
30	12.580	1608	1614	1621	rBV3	382896	729632	5.21%	0.360%
31	12.768	1638	1646	1650	rBV	891273	1541589	11.00%	0.760%
32	12.886	1661	1666	1670	rBV5	223284	411787	2.94%	0.203%
33	13.010	1675	1687	1692	rVB2	1573349	3605356	25.72%	1.778%
34	13.163	1707	1713	1717	rBV3	129512	281178	2.01%	0.139%

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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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	13.263	1725	1730	1735	rBV2	370080	645618	4.61%	0.318%
36	13.321	1735	1740	1743	rBV	1675742	2665663	19.02%	1.315%
37	13.363	1743	1747	1751	rVB	1325970	2066735	14.74%	1.019%
38	13.504	1764	1771	1776	rBV3	414488	1020813	7.28%	0.504%
39	13.698	1799	1804	1812	rVV	722893	1334813	9.52%	0.658%
40	13.851	1824	1830	1832	rBV	876388	1466129	10.46%	0.723%
41	13.880	1832	1835	1838	rVV	1404663	1781446	12.71%	0.879%
42	14.027	1855	1860	1868	rBV	1060612	1664182	11.87%	0.821%
43	14.163	1874	1883	1888	rBV	2182196	3395318	24.22%	1.675%
44	14.215	1888	1892	1897	rVB	288573	399931	2.85%	0.197%
45	14.339	1907	1913	1917	rBV4	286752	531558	3.79%	0.262%
46	14.421	1922	1927	1929	rVV3	450474	758411	5.41%	0.374%
47	14.468	1929	1935	1941	rVV2	2491697	4700570	33.53%	2.319%
48	14.545	1943	1948	1953	rVB4	431605	730621	5.21%	0.360%
49	14.621	1956	1961	1967	rVB2	1091871	1634743	11.66%	0.806%
50	14.698	1970	1974	1979	rVV	754797	1116148	7.96%	0.551%
51	14.898	2003	2008	2013	rVB	1427645	1949341	13.91%	0.962%
52	14.962	2013	2019	2026	rBV4	872944	1566050	11.17%	0.772%
53	15.174	2052	2055	2060	rVB2	219532	277361	1.98%	0.137%
54	15.239	2062	2066	2072	rVV7	325178	630643	4.50%	0.311%
55	15.292	2072	2075	2079	rVB	360137	436780	3.12%	0.215%
56	15.433	2094	2099	2101	rBV	1541861	2204224	15.72%	1.087%
57	15.468	2101	2105	2115	rVB	2892792	5016158	35.78%	2.474%
58	15.604	2123	2128	2133	rVB4	526030	956569	6.82%	0.472%
59	15.698	2141	2144	2153	rVB2	565220	876147	6.25%	0.432%
60	15.798	2154	2161	2167	rBV2	1889792	3268840	23.32%	1.612%
61	15.927	2180	2183	2188	rVB3	321869	447272	3.19%	0.221%
62	16.039	2198	2202	2207	rBV3	382996	563682	4.02%	0.278%
63	16.209	2219	2231	2242	rBV	4155149	9482288	67.65%	4.677%
64	16.333	2248	2252	2255	rBV	562565	638072	4.55%	0.315%
65	16.404	2261	2264	2268	rVB4	264174	331067	2.36%	0.163%
66	16.539	2282	2287	2290	rBV3	598003	1190212	8.49%	0.587%
67	16.574	2290	2293	2298	rVV3	713207	1312640	9.36%	0.647%
68	16.627	2298	2302	2308	rVB	1772482	2360834	16.84%	1.164%
69	16.733	2317	2320	2328	rVB6	320459	686044	4.89%	0.338%
70	17.045	2367	2373	2381	rVB	4076129	6456428	46.06%	3.185%
71	17.115	2382	2385	2388	rBV2	451487	629303	4.49%	0.310%

LSC Area Percent Report

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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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	17.221	2399	2403	2408	rBV2	1885914	2618945	18.68%	1.292%
73	17.286	2409	2414	2417	rVV	2940544	4541177	32.40%	2.240%
74	17.321	2417	2420	2426	rVB	2701581	3736120	26.65%	1.843%
75	17.392	2427	2432	2436	rBV	2013160	2919520	20.83%	1.440%
76	17.427	2436	2438	2443	rVV2	662444	997633	7.12%	0.492%
77	17.480	2444	2447	2453	rVB2	640576	894945	6.38%	0.441%
78	17.715	2479	2487	2492	rBV3	2051606	4117656	29.37%	2.031%
79	17.792	2496	2500	2506	rVB	1957174	2599697	18.55%	1.282%
80	18.027	2537	2540	2549	rVB3	955933	1785215	12.74%	0.881%
81	18.109	2549	2554	2562	rBV	2800336	4258815	30.38%	2.101%
82	18.386	2597	2601	2606	rBV3	780754	1432498	10.22%	0.707%
83	18.692	2649	2653	2663	rVB	1511511	2736420	19.52%	1.350%
84	18.774	2663	2667	2673	rBV2	1352292	2025247	14.45%	0.999%
85	18.839	2675	2678	2683	rVB	754127	1108402	7.91%	0.547%
86	19.015	2706	2708	2710	rBV2	367615	385653	2.75%	0.190%
87	19.050	2710	2714	2721	rVB2	2083395	2667743	19.03%	1.316%
88	19.239	2742	2746	2750	rBV	2261881	3619293	25.82%	1.785%
89	19.280	2751	2753	2759	rVB	1386797	1687393	12.04%	0.832%
90	19.386	2768	2771	2778	rVB	1316945	1677602	11.97%	0.827%
91	19.562	2797	2801	2804	rBV	1461314	1792620	12.79%	0.884%
92	19.615	2806	2810	2814	rBV	2398047	3678022	26.24%	1.814%
93	19.833	2843	2847	2853	rVB3	1354121	2128939	15.19%	1.050%
94	20.468	2952	2955	2958	rBV	1089862	1430198	10.20%	0.705%
95	21.091	3058	3061	3065	rBV2	1602871	1848728	13.19%	0.912%
96	21.403	3109	3114	3118	rBV2	2382687	3885475	27.72%	1.917%
97	23.862	3526	3532	3537	rBV2	3243241	6486060	46.27%	3.199%
98	23.915	3538	3541	3547	rVB2	1809043	3001889	21.42%	1.481%
99	24.791	3684	3690	3702	rVB	4765506	10409955	74.26%	5.135%
100	25.479	3800	3807	3824	rVB	5318079	14017569	100.00%	6.914%

Sum of corrected areas: 202735069

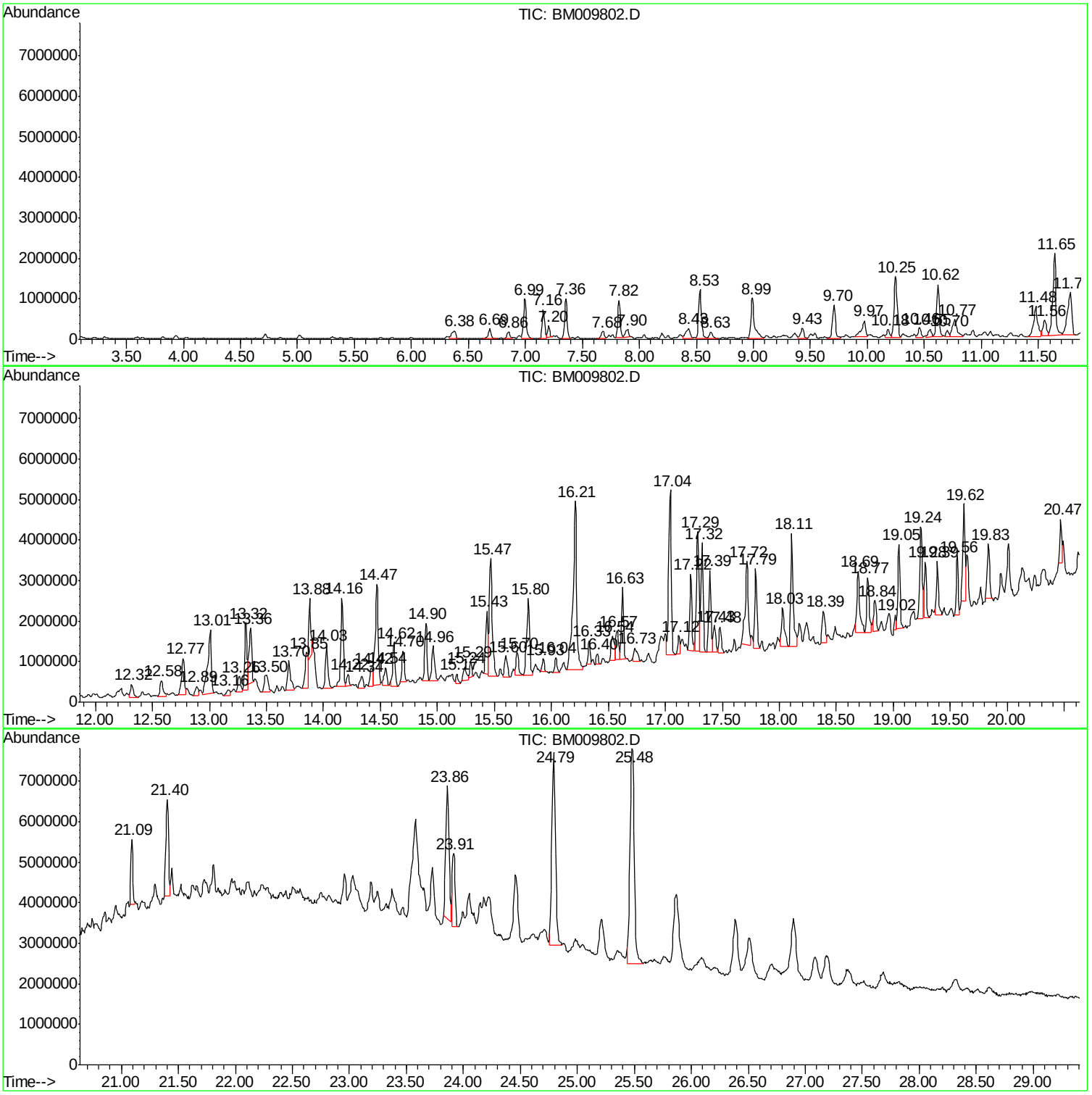
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
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Instrument : BNA_M
ClientSampleId : JHSW3

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

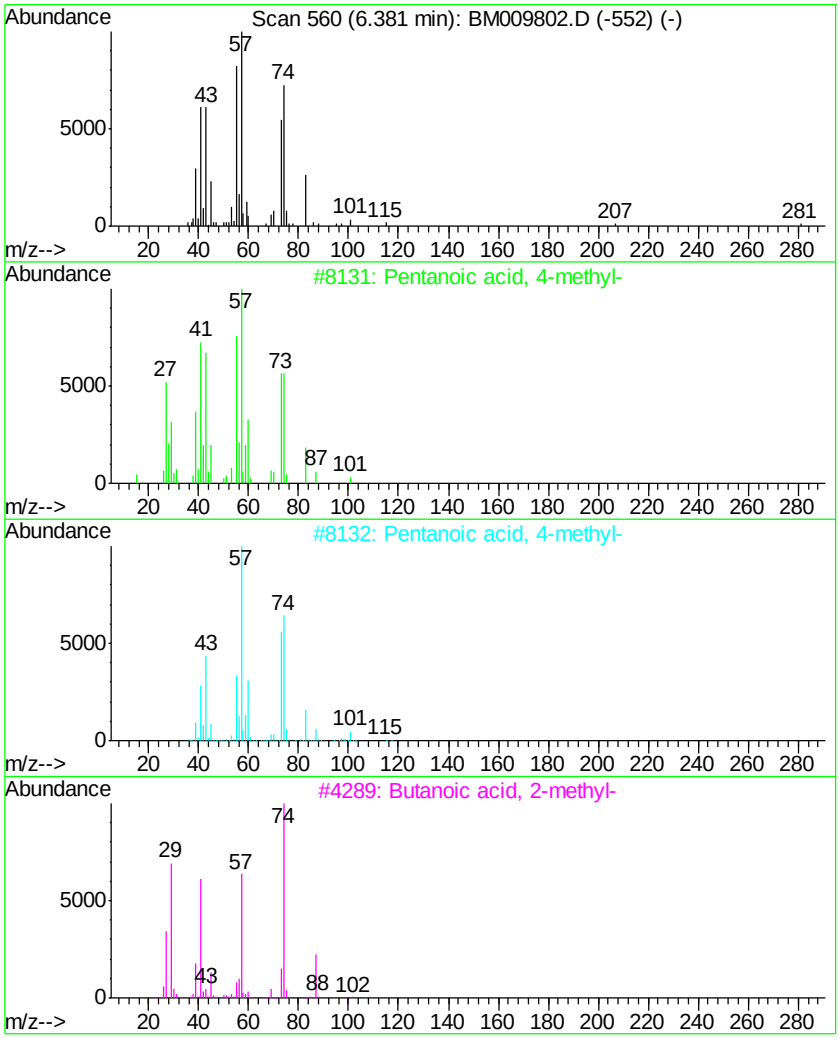
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

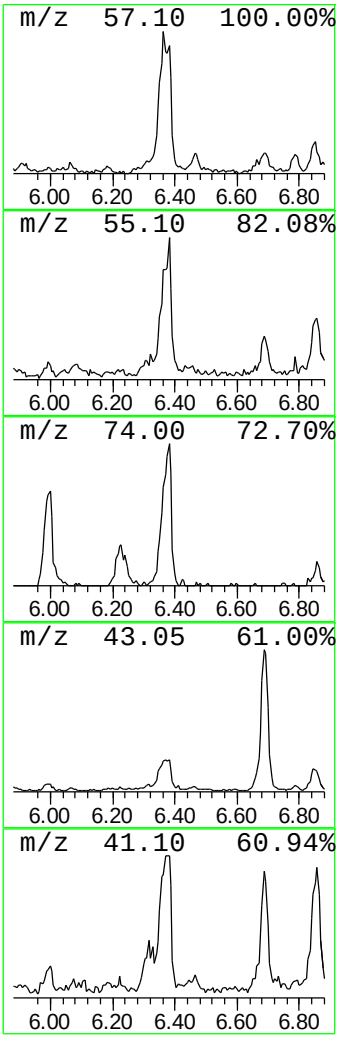
****

Peak Number 1 Pentanoic acid, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	6.37 ng/ul	453367	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	56
2	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	50
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	40
4	4-Methyloctanoic acid	158	C9H18O2	054947-74-9	38
5	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

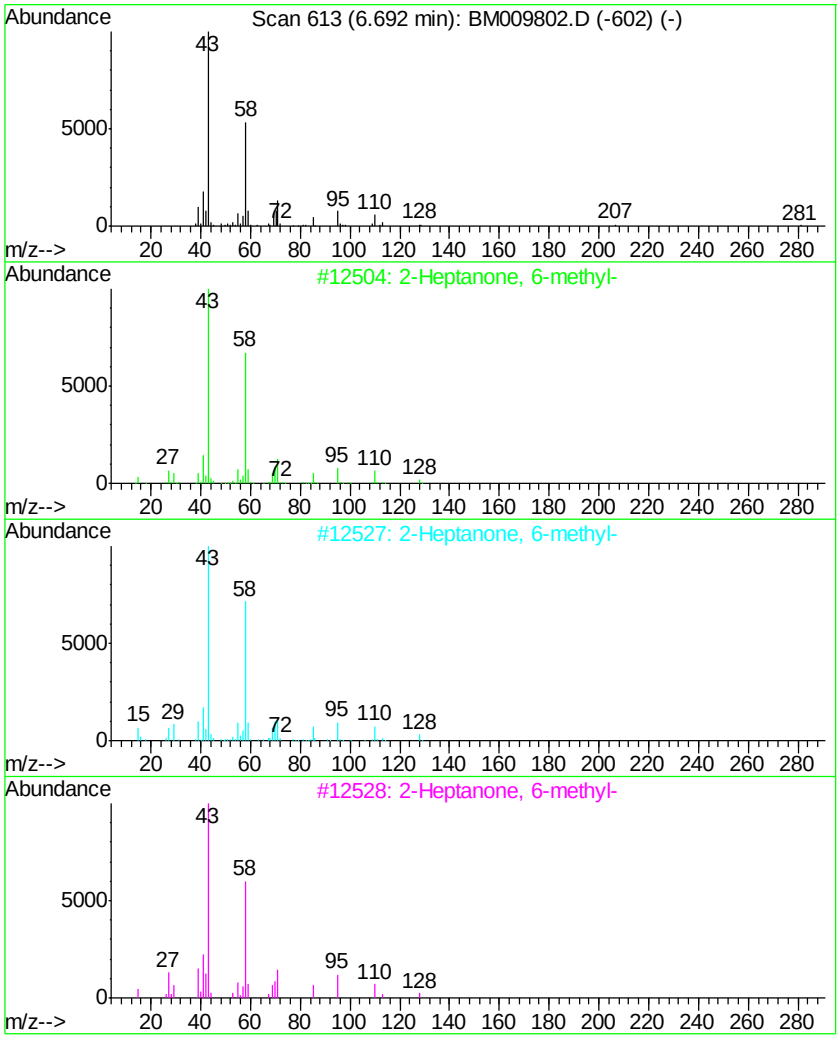
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

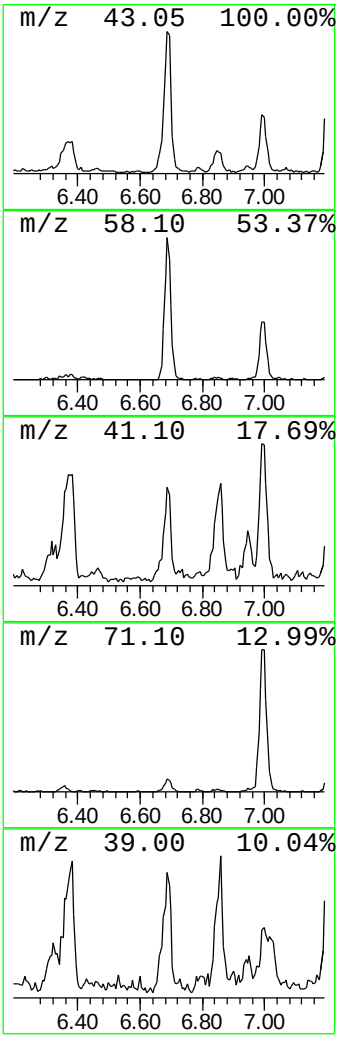
****

Peak Number 2 2-Heptanone, 6-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	6.50 ng/ul	462518	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	72
4	2-Octanone	128	C8H16O	000111-13-7	53
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
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Instrument : BNA_M
ClientSampleId : JHSW3

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

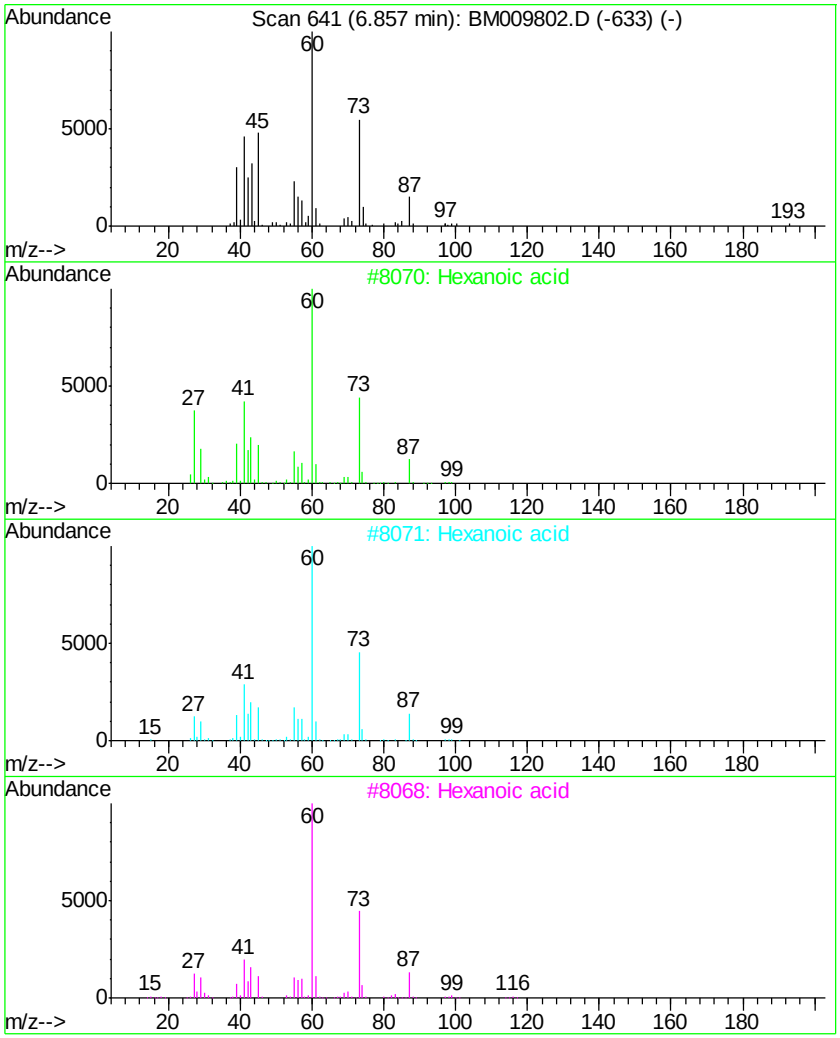
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

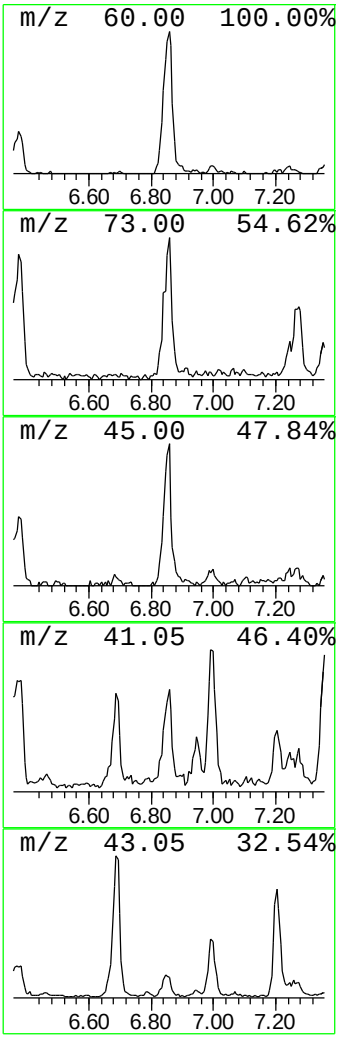
****

Peak Number 3 Hexanoic acid Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.02 ng/ul	285870	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	78
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Hexanoic acid	116	C6H12O2	000142-62-1	59
4	Octanoic acid	144	C8H16O2	000124-07-2	59
5	Hexanoic acid	116	C6H12O2	000142-62-1	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
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Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

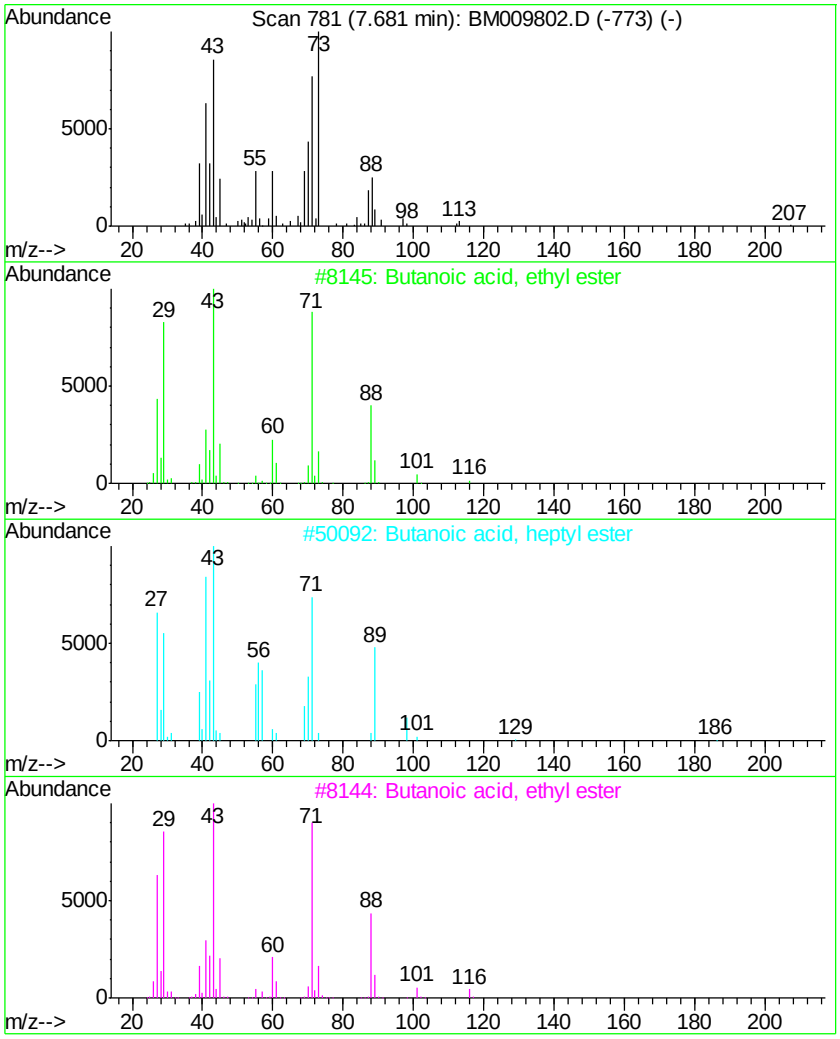
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

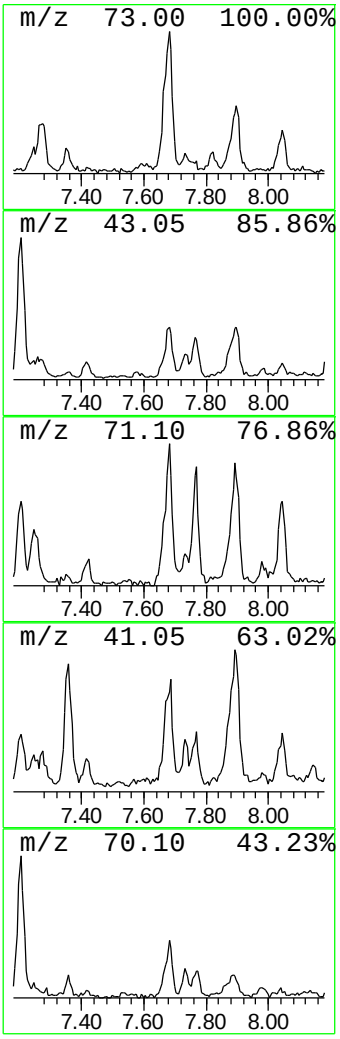
****

Peak Number 4 Butanoic acid, ethyl ester Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	4.91 ng/ul	349897	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	50
2	Butanoic acid, heptyl ester	186	C11H22O2	005870-93-9	50
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	47
4	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	43
5	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

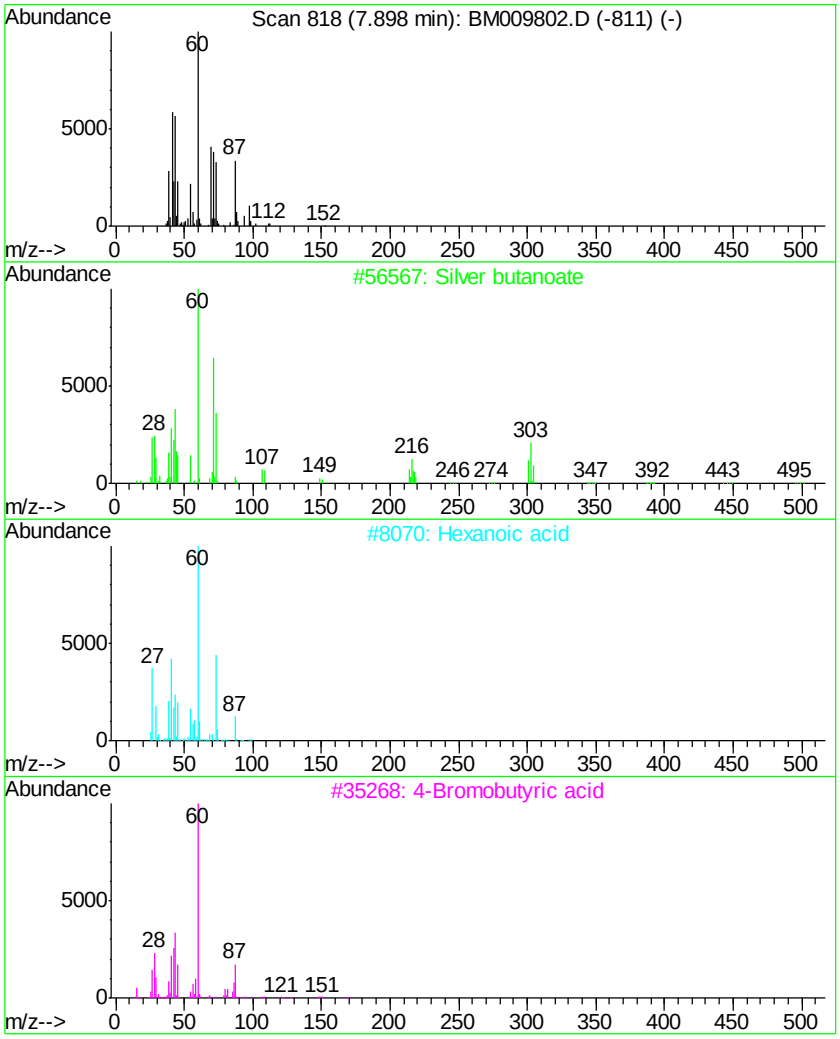
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

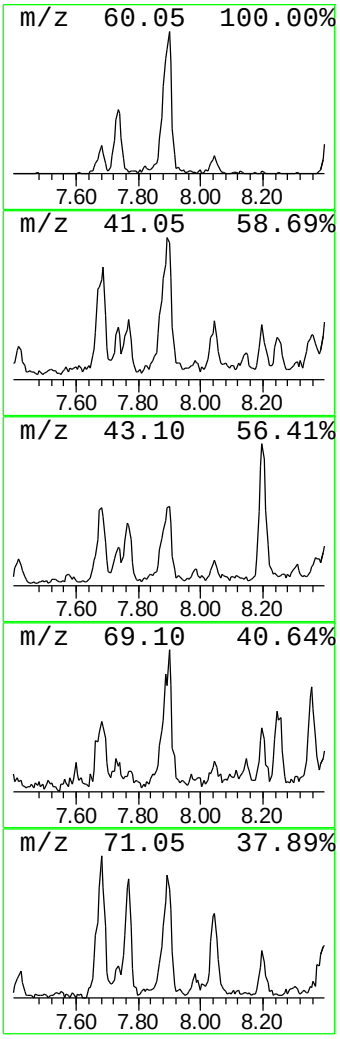
****

Peak Number 5 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	5.31 ng/ul	378151	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silver butanoate	194	C4H7AgO2	005076-24-4	33
2	Hexanoic acid	116	C6H12O2	000142-62-1	33
3	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	33
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	32
5	Isoamyl nitrite	117	C5H11NO2	000110-46-3	28





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

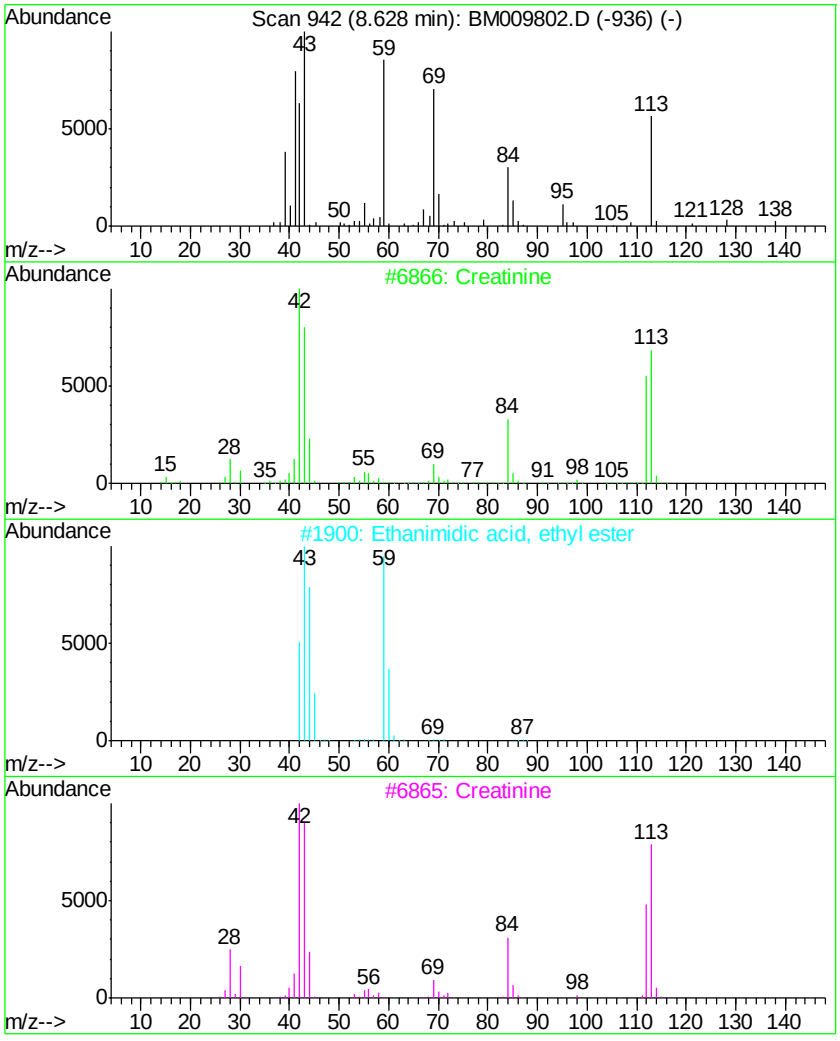
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

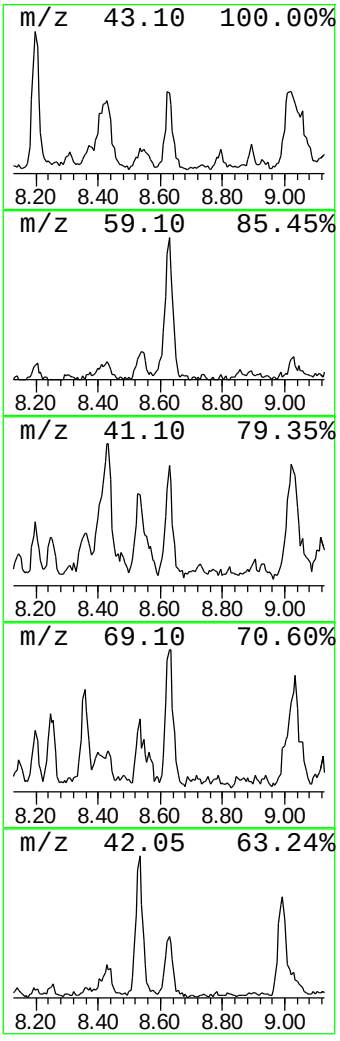
****

Peak Number 7 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	4.53 ng/ul	322272	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Creatinine	113	C4H7N3O	000060-27-5	38
2	Ethanimidic acid, ethyl ester	87	C4H9NO	001000-84-6	37
3	Creatinine	113	C4H7N3O	000060-27-5	25
4	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	25
5	Creatinine	113	C4H7N3O	000060-27-5	17





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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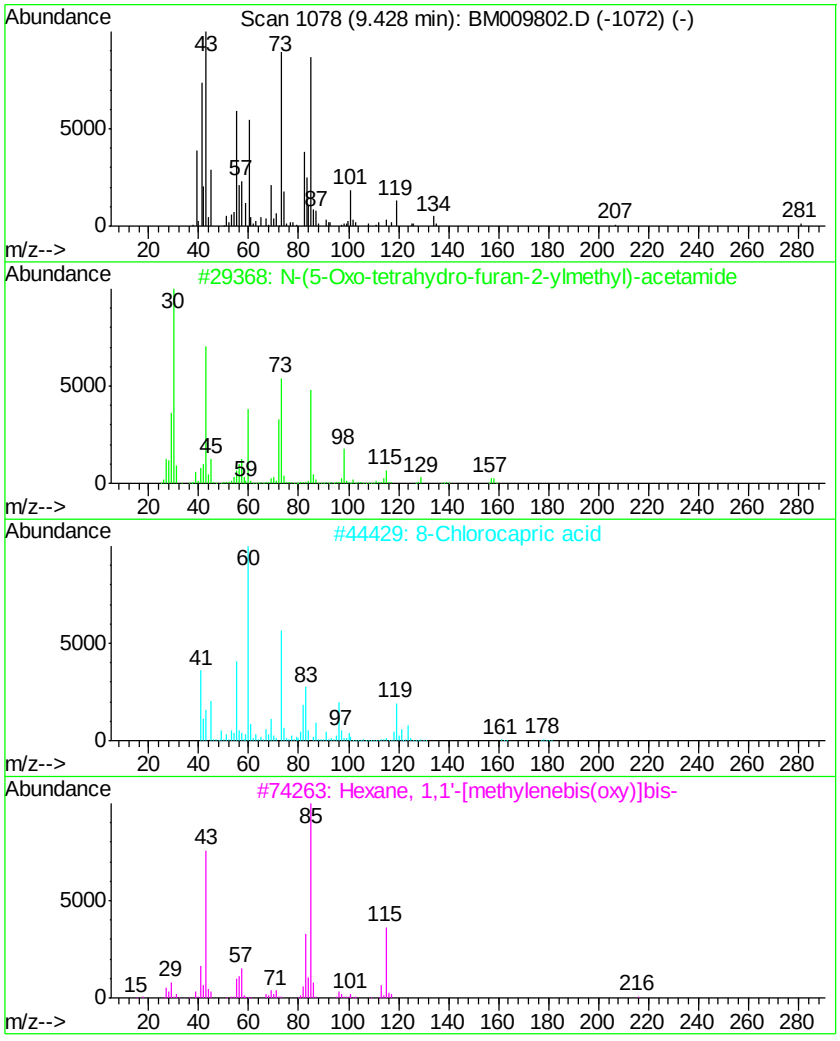
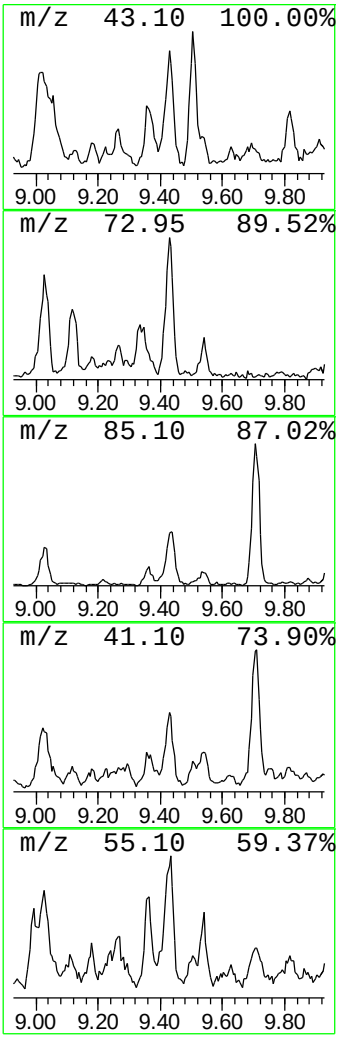
Peak Number 8 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	4.02 ng/ul	472547	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(5-Oxo-tetrahydro-furan-2-ylme...	157	C7H11NO3	1000188-71-2	43
2	8-Chlorocapric acid	178	C8H15ClO2	001795-62-6	35
3	Hexane, 1,1'-[methylenebis(oxy)]...	216	C13H28O2	054815-12-2	32
4	Butanoic acid, 2-ethyl-2-methyl-	130	C7H14O2	019889-37-3	27
5	2-Butanol, 1,4-dimethoxy-3-(1,2,...	234	C12H26O4	079449-92-6	27





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

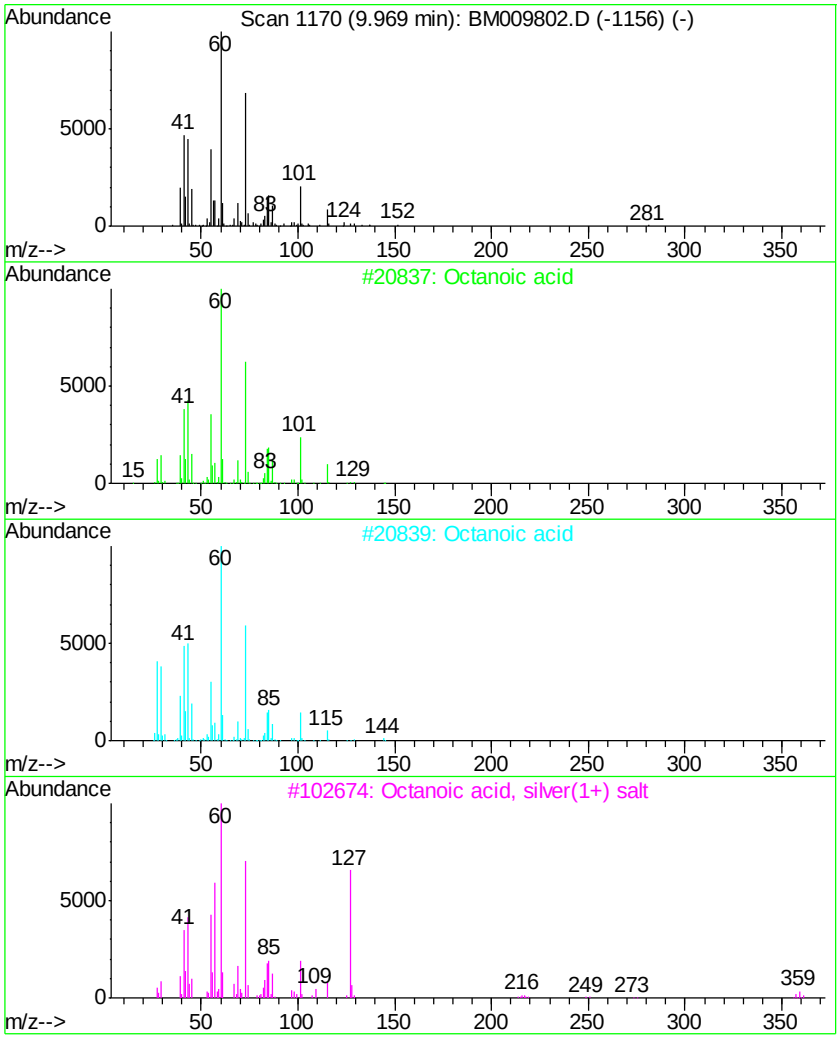
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

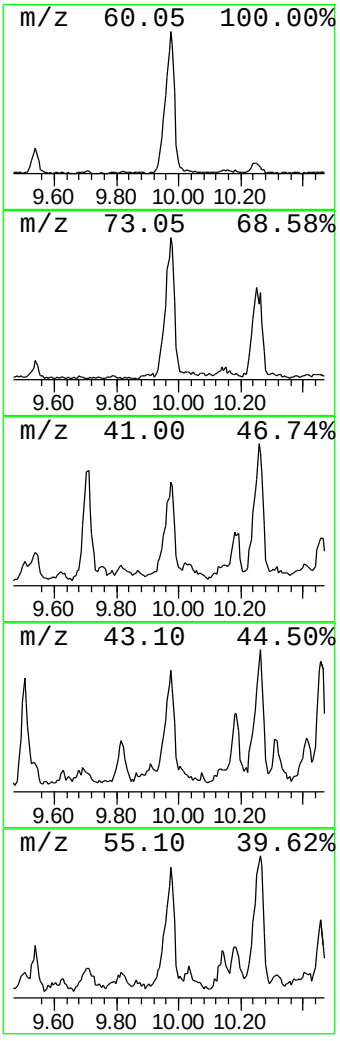
****

Peak Number 9 Octanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	8.65 ng/ul	1015620	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	90
2	Octanoic acid	144	C8H16O2	000124-07-2	90
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	86
4	Octanoic acid	144	C8H16O2	000124-07-2	80
5	Hexanoic acid	116	C6H12O2	000142-62-1	64





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

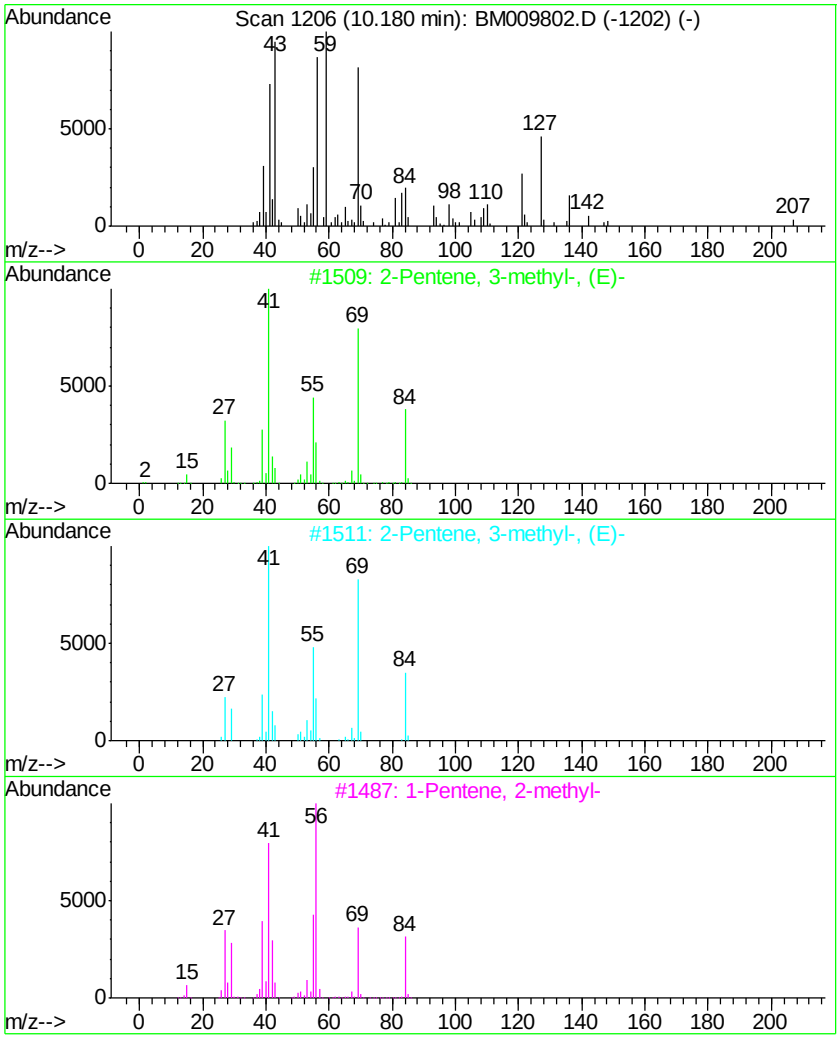
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

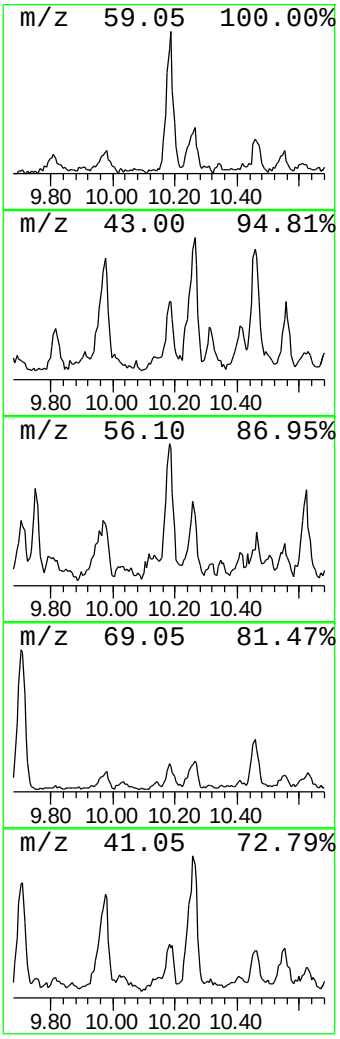
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic10.18 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	3.11 ng/ul	364887	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	18
4	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	18
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	18





Library Search Compound Report

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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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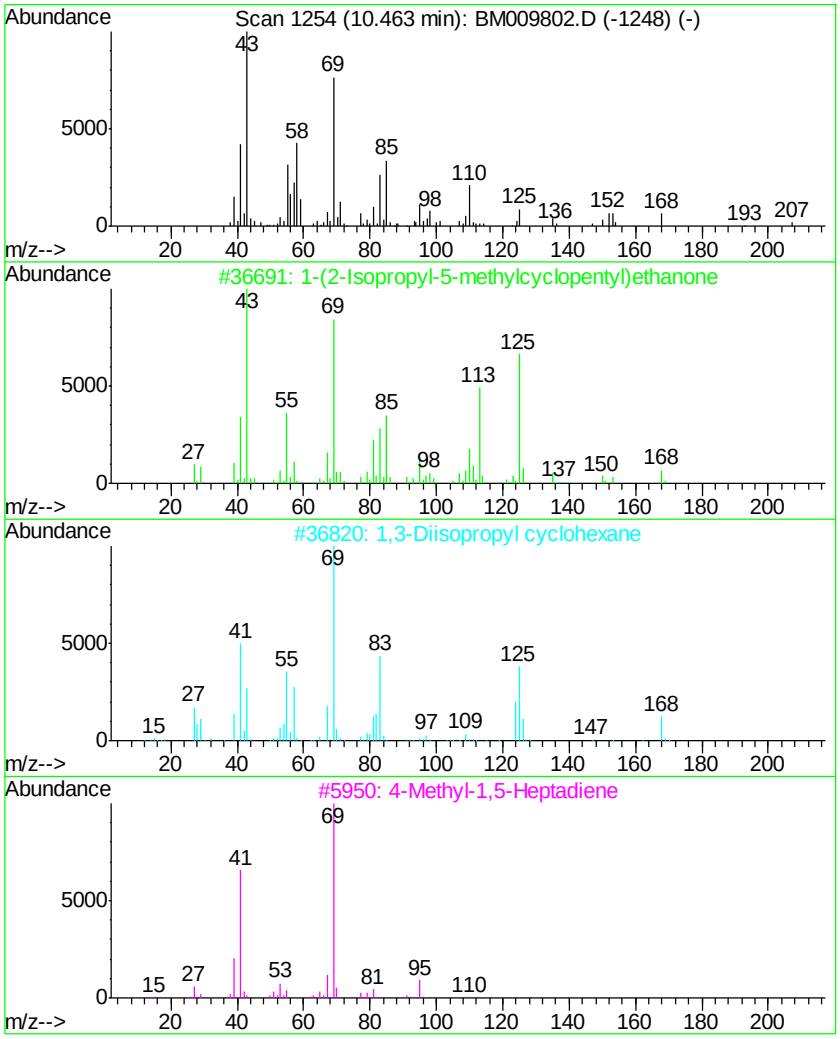
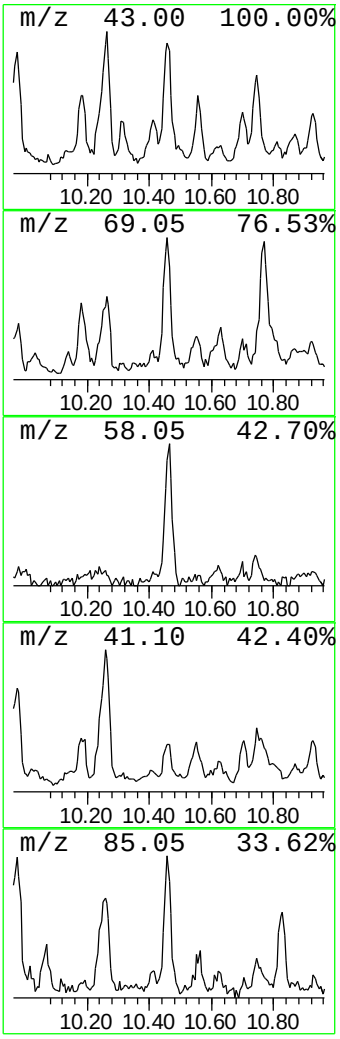
Peak Number 11 1-(2-Isopropyl-5-methylcycl... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.48 ng/ul	408114	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Isopropyl-5-methylcyclopent...	168	C11H20O	1000191-21-0	68
2	1,3-Diisopropyl cyclohexane	168	C12H24	007045-70-7	35
3	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	27
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	27
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	25





Library Search Compound Report

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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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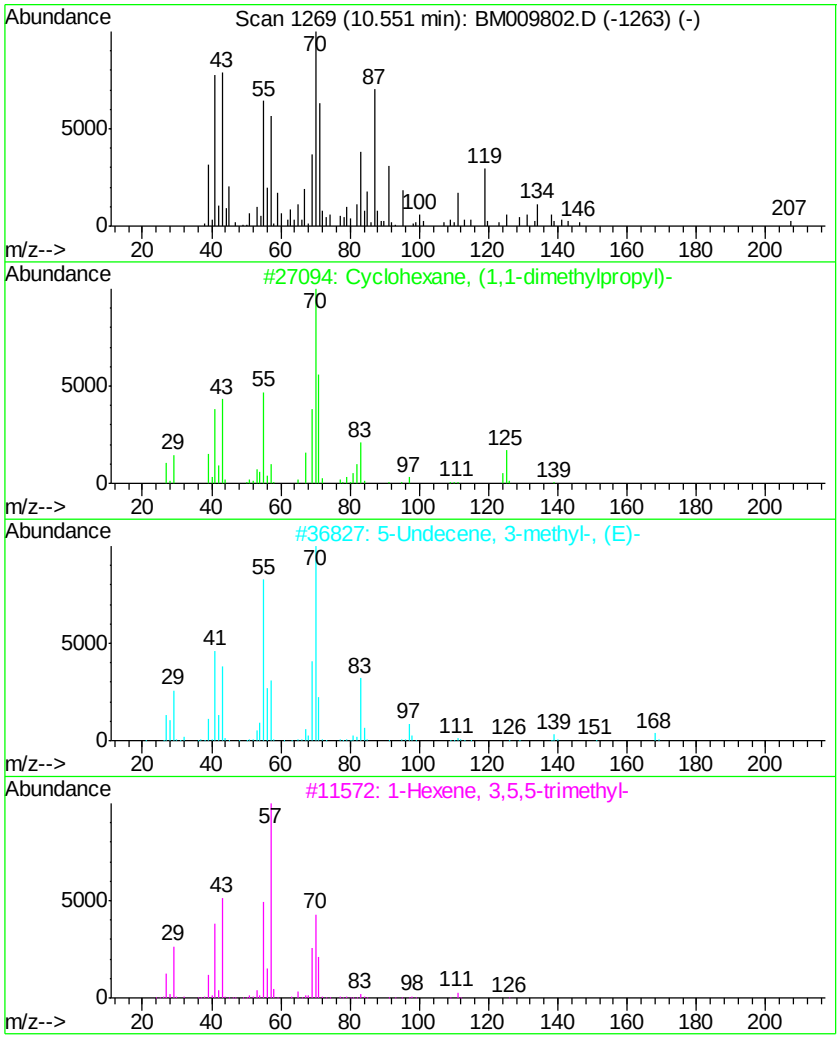
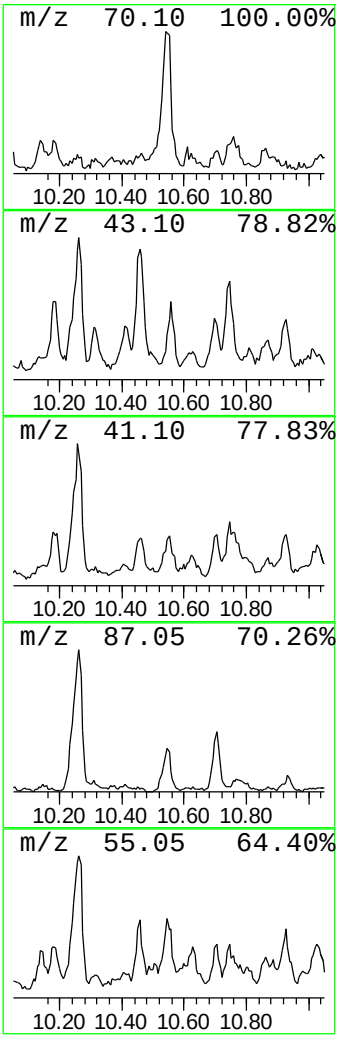
Peak Number 12 (DEL) Alkane: Cyclic10.55 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.39 ng/ul	397838	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	38
2	5-Undecene, 3-methyl-, (E)-	168	C12H24	074630-67-4	38
3	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	35
4	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	35
5	Dodecanoic acid, 1,1-dimethylpro...	270	C17H34O2	117769-92-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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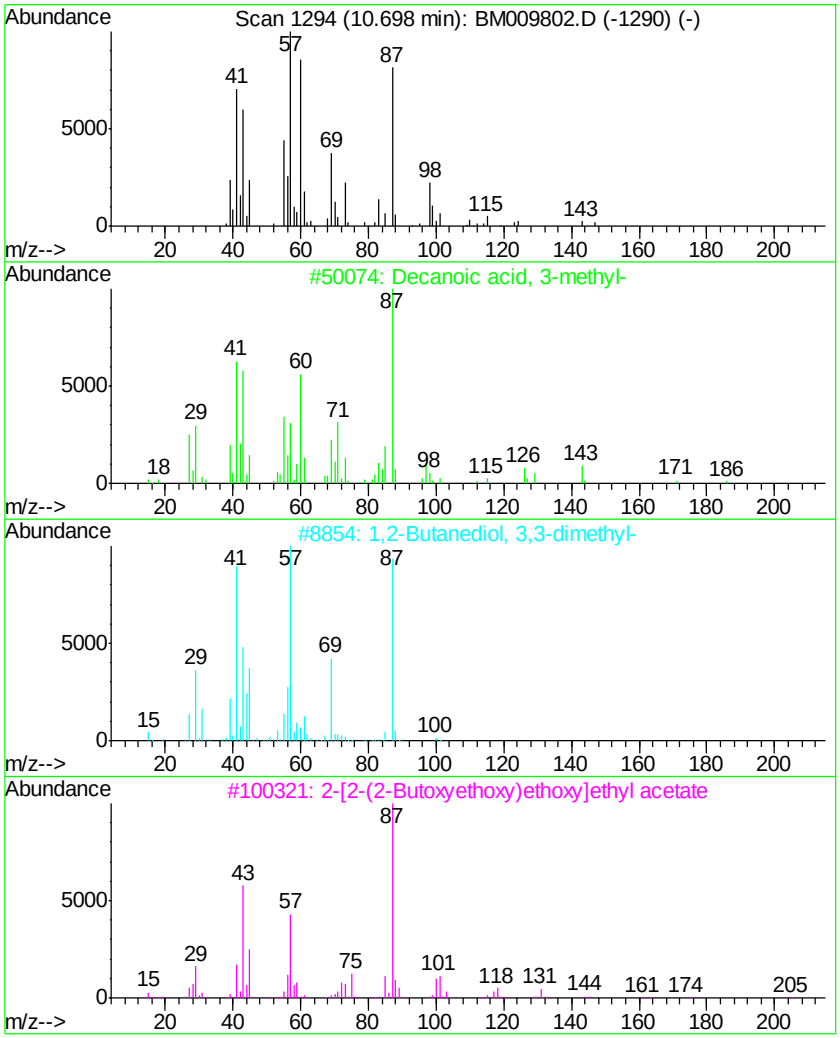
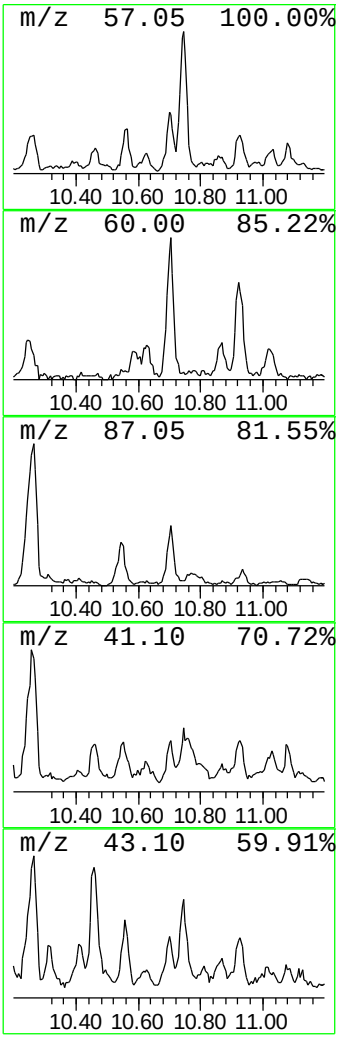
Peak Number 13 unknown-04 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.33 ng/ul	273443	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 3-methyl-	186	C11H22O2	060308-82-9	43
2	1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	43
3	2-[2-(2-Butoxyethoxy)ethoxylethy...	248	C12H24O5	1000351-94-1	38
4	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	37
5	1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	32





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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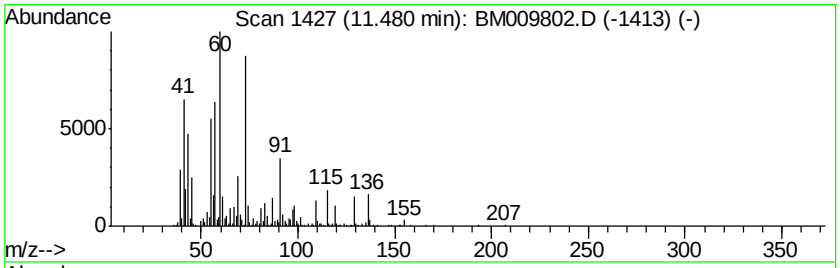
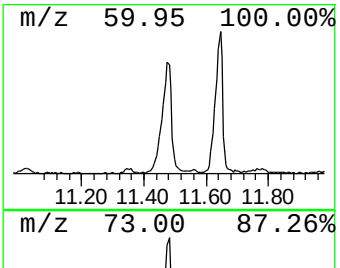
Peak Number 14 Octanoic acid, silver(1+) salt Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	16.91 ng/ul	1985990	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Sedoheptulosan	192	C7H12O6	000469-90-9	47
5	Hexanoic acid	116	C6H12O2	000142-62-1	47





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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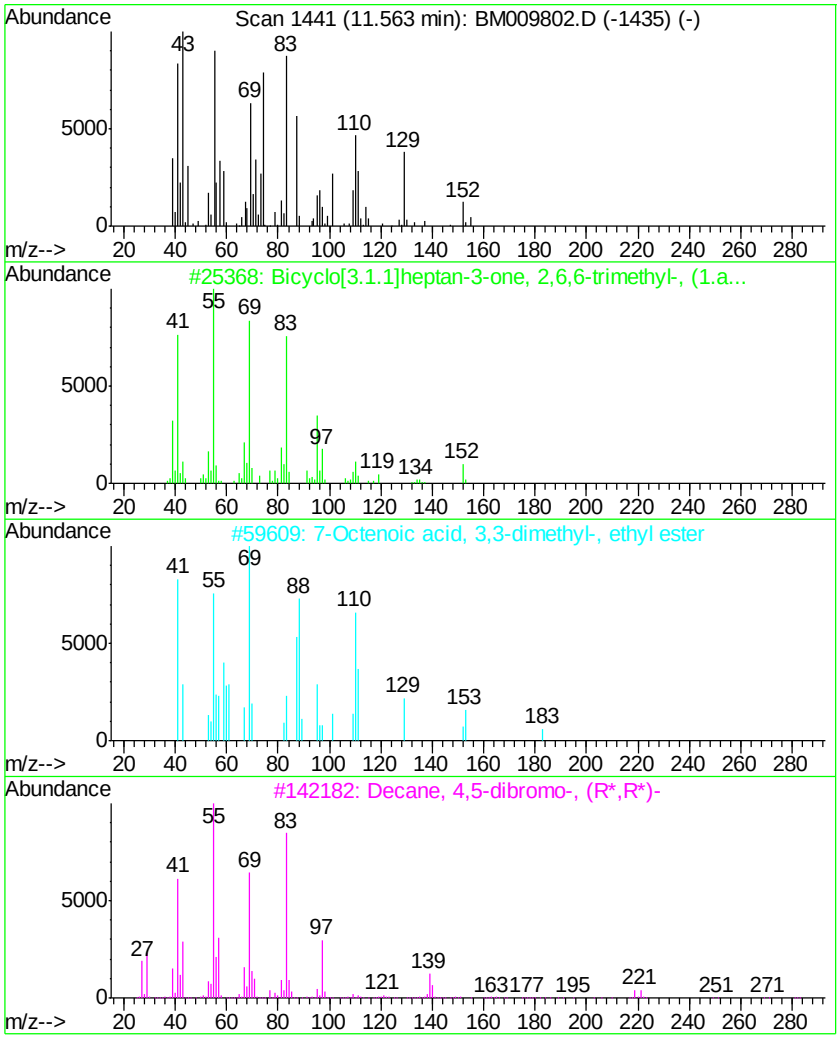
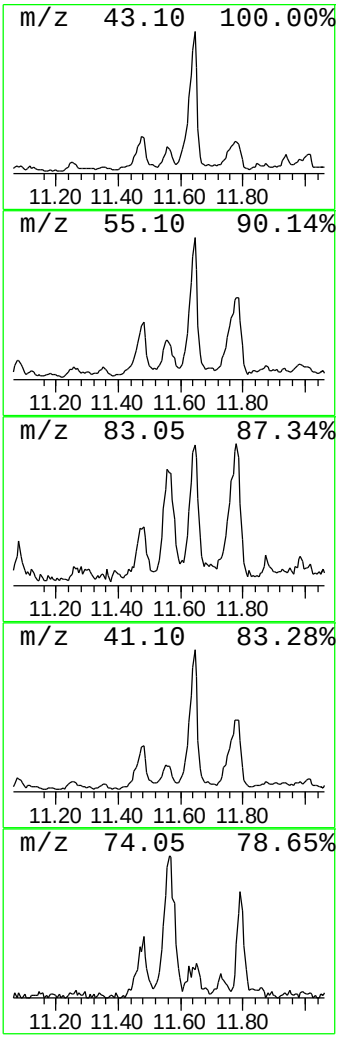
Peak Number 15 unknown-05 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	6.86 ng/ul	805476	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
2	7-Octenoic acid, 3,3-dimethyl-, ...	198	C12H22O2	035194-19-5	35
3	Decane, 4,5-dibromo-, (R*,R*)-	298	C10H20Br2	061141-70-6	27
4	Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	22
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22





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Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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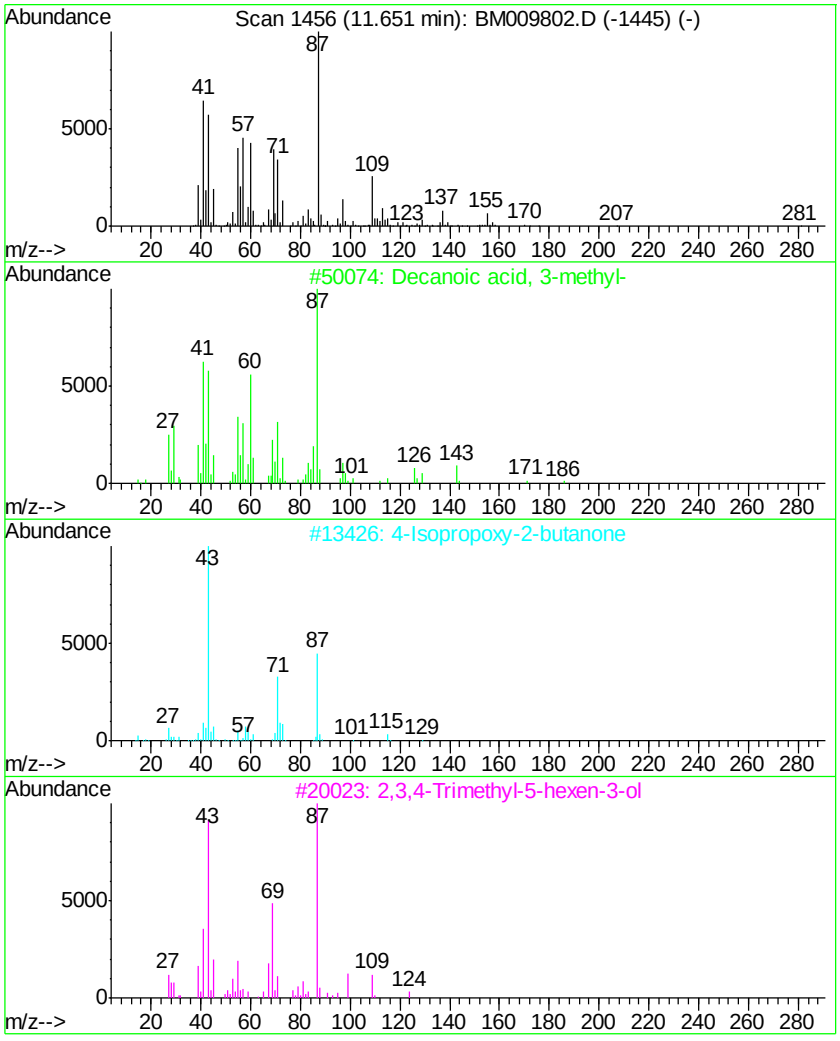
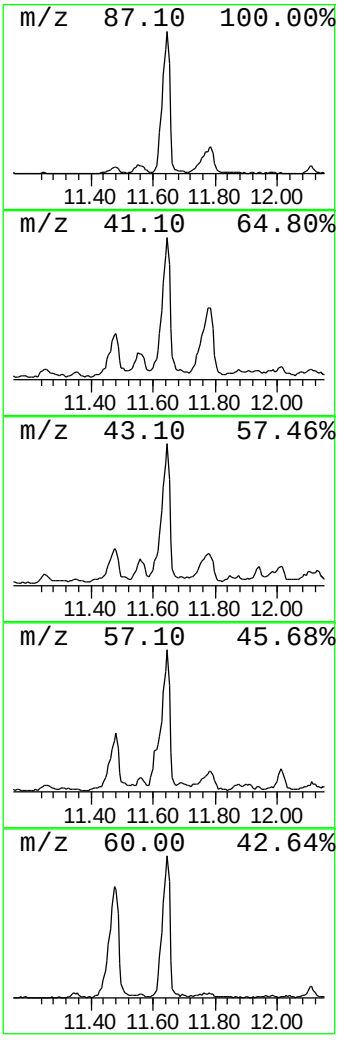
Peak Number 16 Decanoic acid, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	33.58 ng/ul	3942960	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 3-methyl-	186	C11H22O2	060308-82-9	50
2	4-Isopropoxy-2-butanone	130	C7H14O2	032541-58-5	43
3	2,3,4-Trimethyl-5-hexen-3-ol	142	C9H18O	028638-29-1	38
4	3-(1-Isopropyl-but-3-enyloxy)-bu...	200	C11H20O3	1000192-42-8	35
5	2-t-Butylpentanoic acid, methyl ...	172	C10H20O2	1000202-22-5	35





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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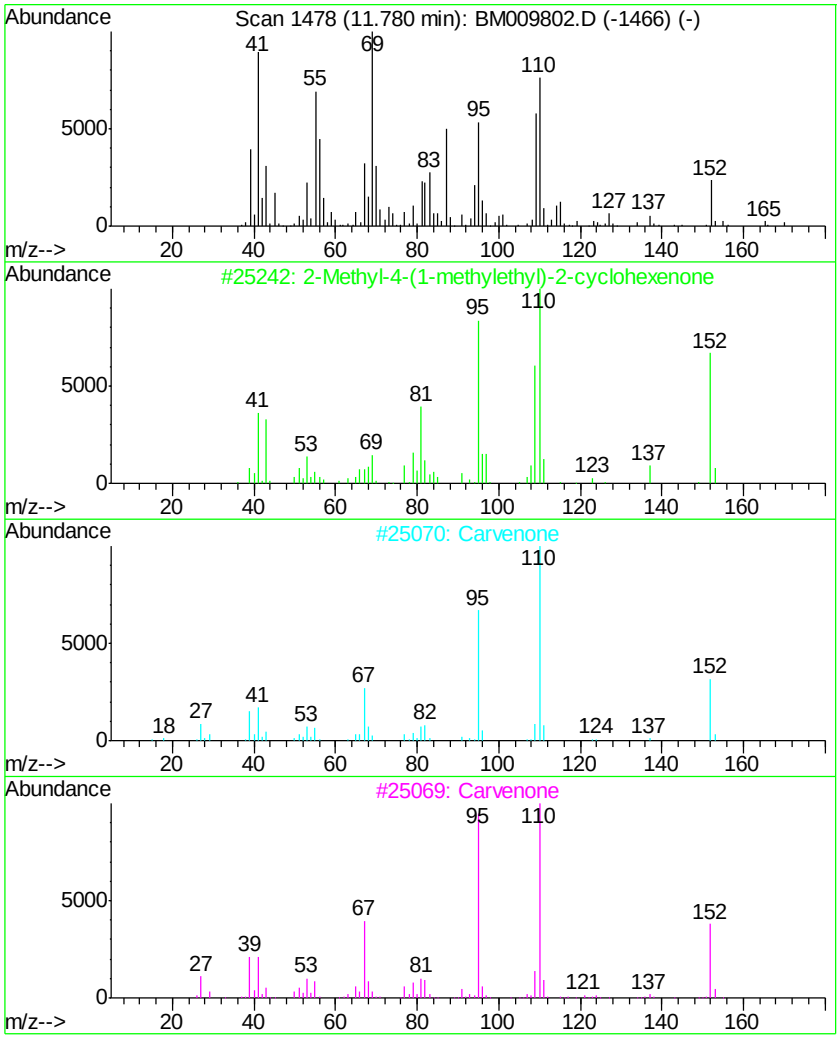
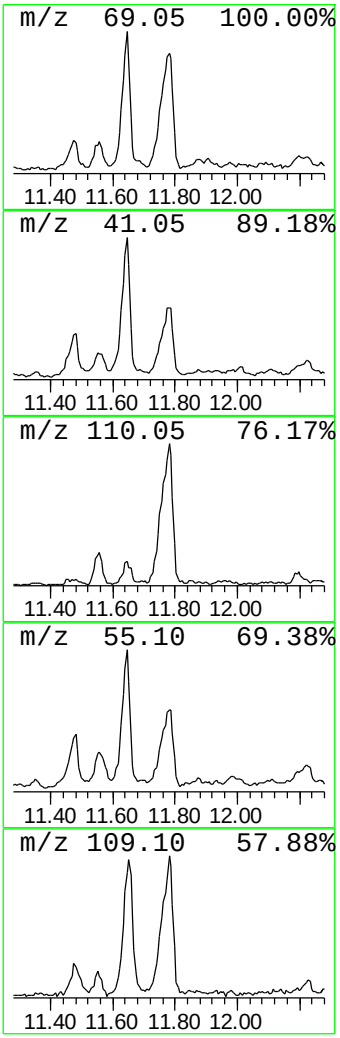
Peak Number 17 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	24.08 ng/ul	2827750	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	43
2	Carvenone	152	C10H16O	000499-74-1	30
3	Carvenone	152	C10H16O	000499-74-1	30
4	n-Butyl methacrylate	142	C8H14O2	000097-88-1	27
5	n-Butyl methacrylate	142	C8H14O2	000097-88-1	27





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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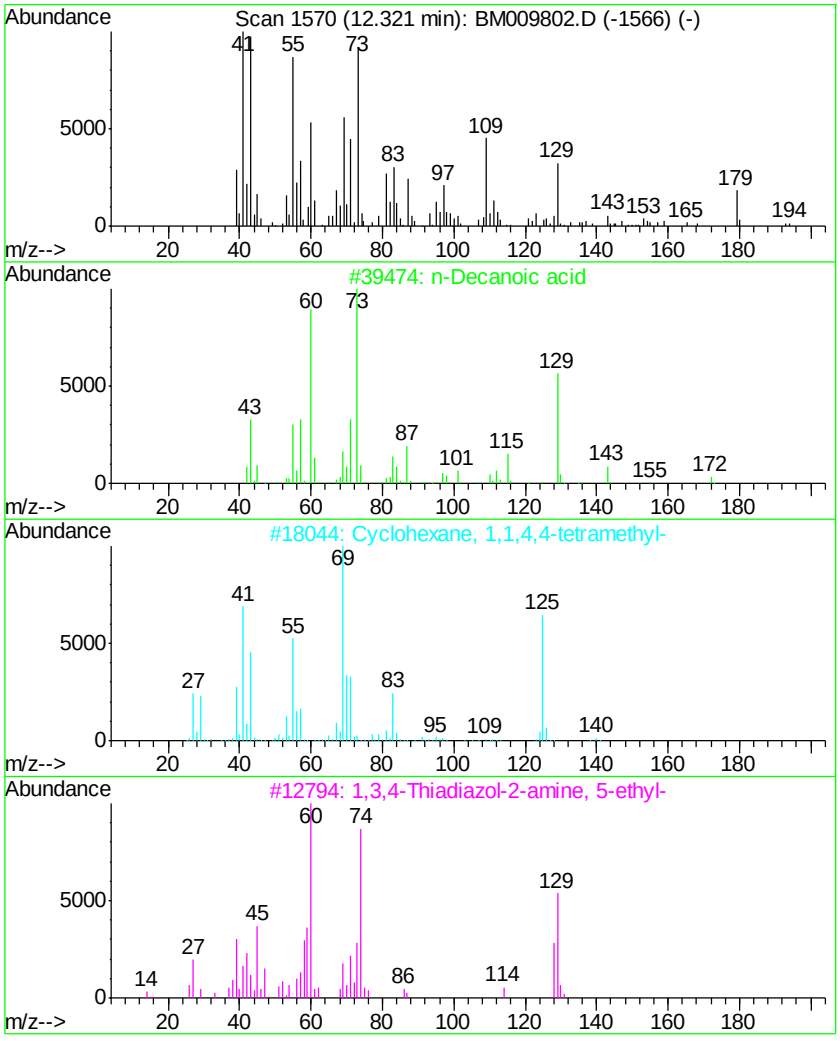
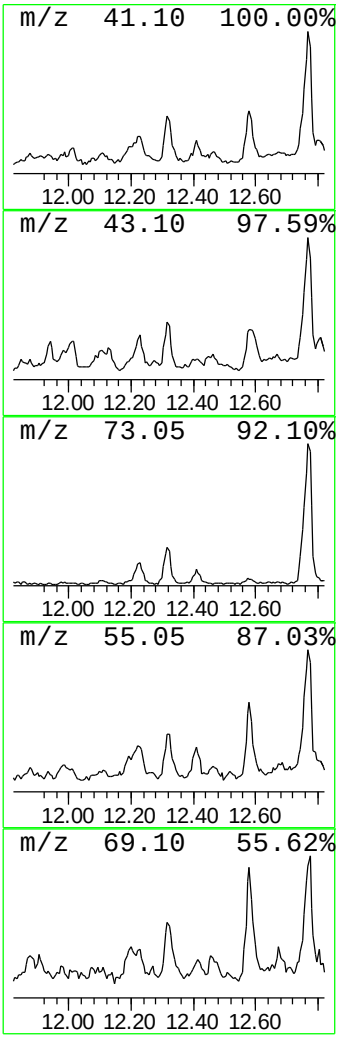
Peak Number 18 unknown-07 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.48 ng/ul	526506	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	38
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	27
3	1,3,4-Thiadiazol-2-amine, 5-ethyl-	129	C4H7N3S	014068-53-2	22
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	14
5	4-Pentenal, 2,2-dimethyl-	112	C7H12O	005497-67-6	14





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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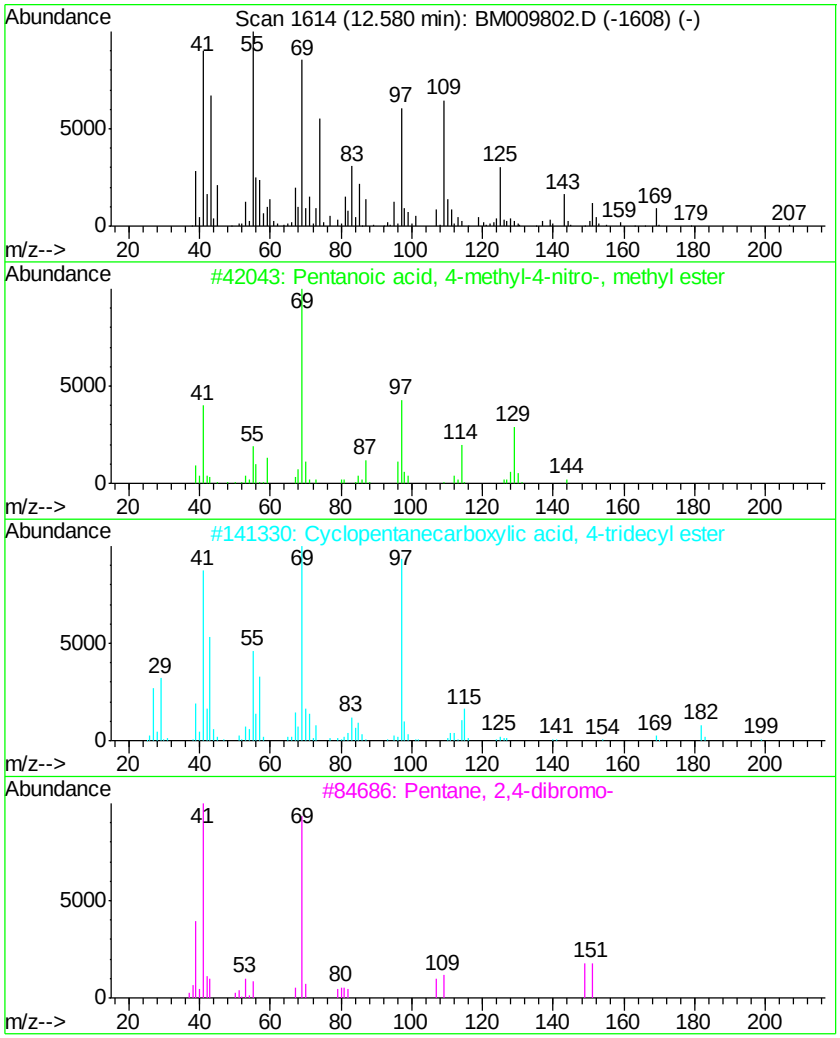
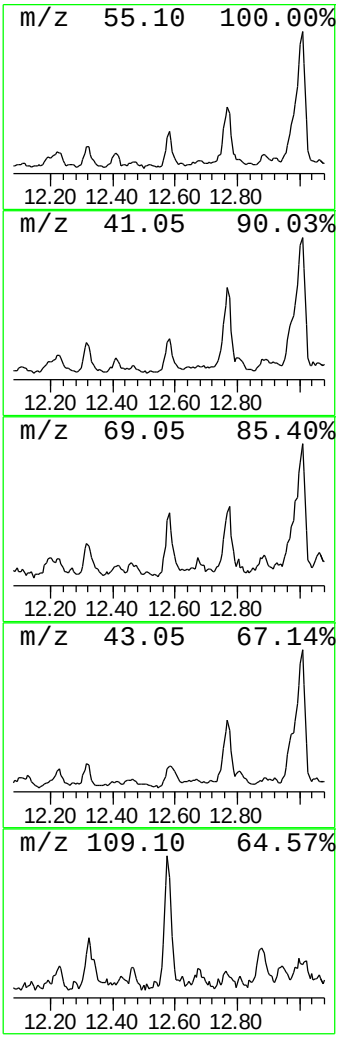
Peak Number 19 unknown-08 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.10 ng/ul	729632	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	35
2	Cyclopentanecarboxylic acid, 4-t...	296	C19H36O2	1000280-58-6	35
3	Pentane, 2,4-dibromo-	228	C5H10Br2	019398-53-9	22
4	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	22
5	2-Methyl-4-pentenoic acid	114	C6H10O2	001575-74-2	18





Library Search Compound Report

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Operator : SJ/MA
Sample : I2845-12
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Instrument : BNA_M
ClientSampleId : JHSW3

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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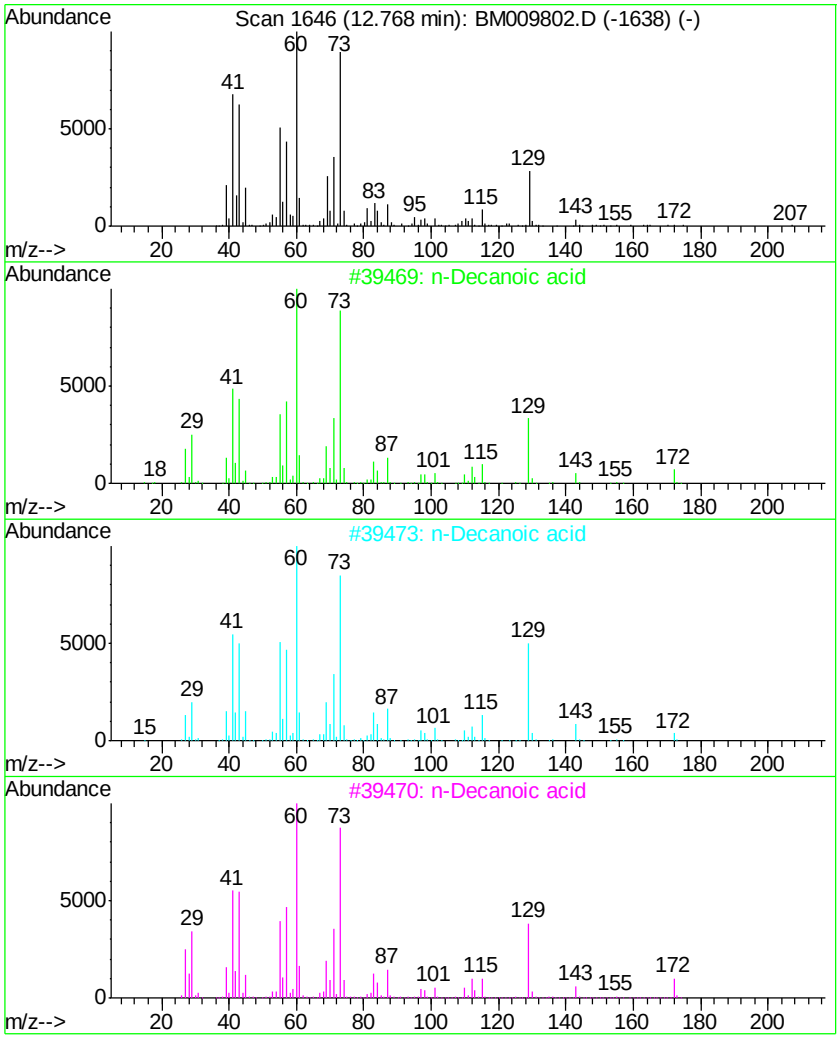
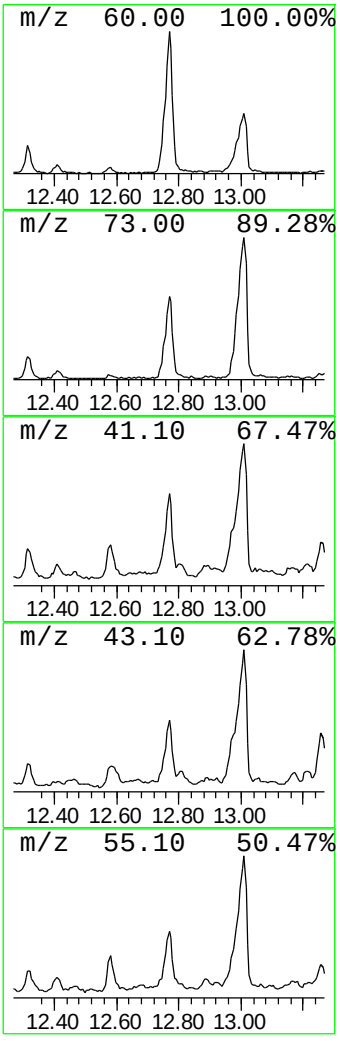
Peak Number 20 n-Decanoic acid Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.56 ng/ul	1541590	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	80
2	n-Decanoic acid	172	C10H20O2	000334-48-5	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Hexanoic acid	116	C6H12O2	000142-62-1	53





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Instrument : BNA_M
ClientSampleId : JHSW3

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Quant Title : SVOA CALIBRATION

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

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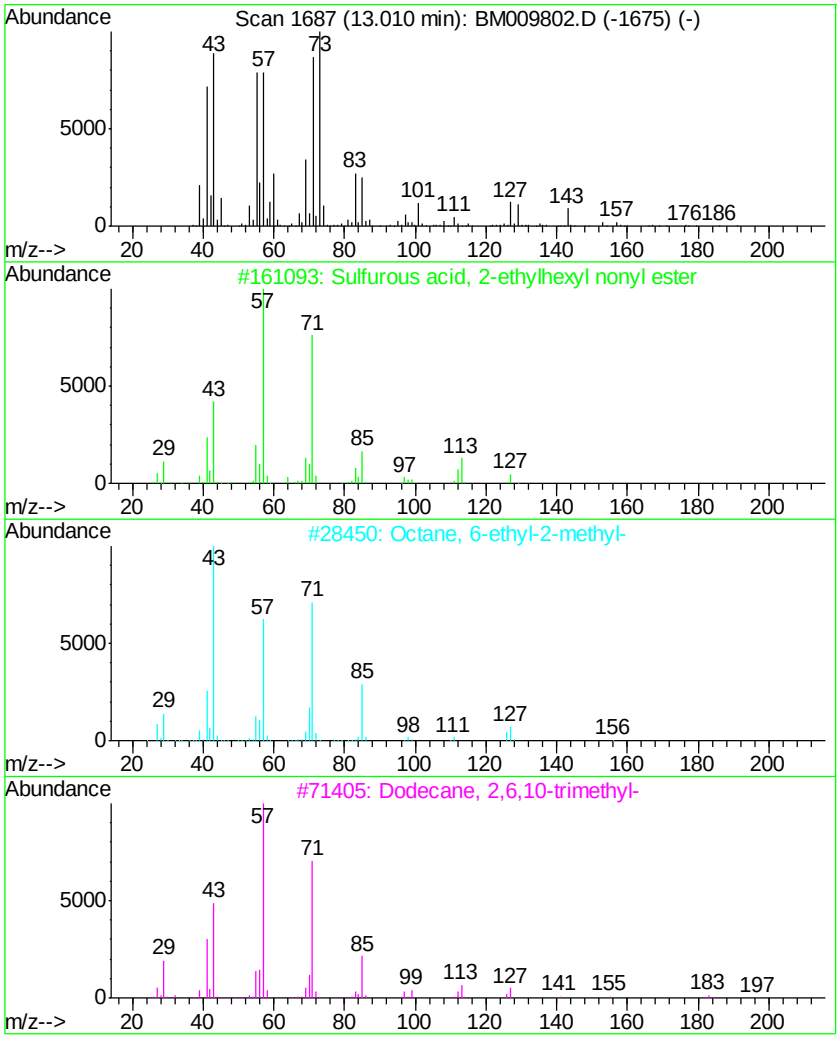
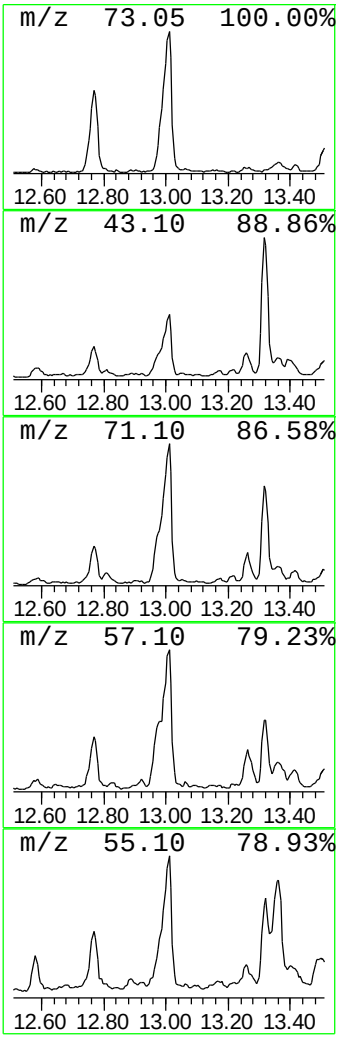
Peak Number 21 unknown-09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	15.34 ng/ul	3605360	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	43
2	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	38
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
4	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	38
5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	38





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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Quant Title : SVOA CALIBRATION

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

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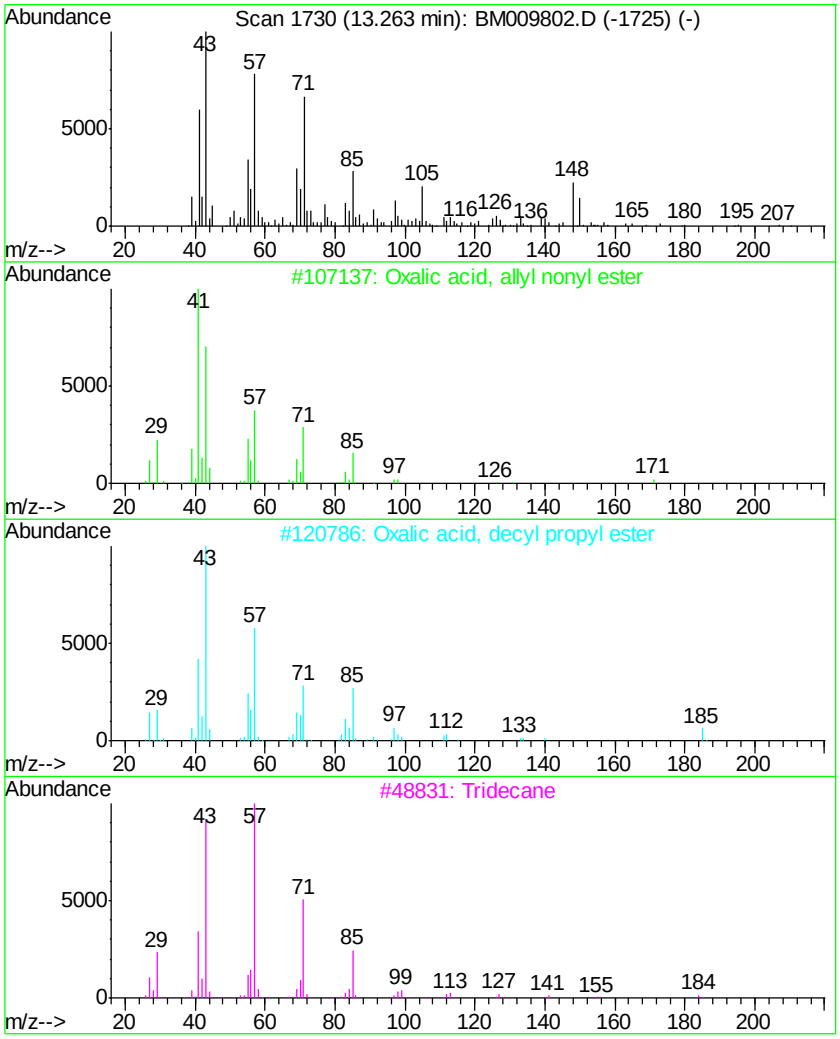
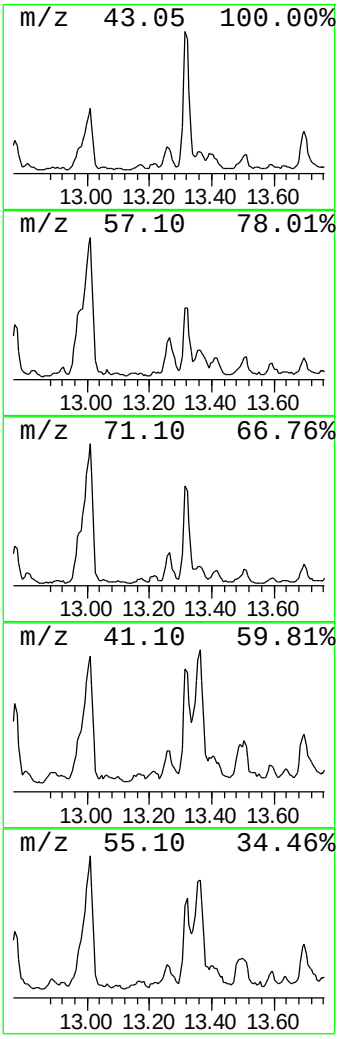
Peak Number 22 unknown-10 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.75 ng/ul	645618	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	43
2	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	43
3	Tridecane	184	C13H28	000629-50-5	38
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	38
5	Tridecane	184	C13H28	000629-50-5	27





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Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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Quant Title : SVOA CALIBRATION

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

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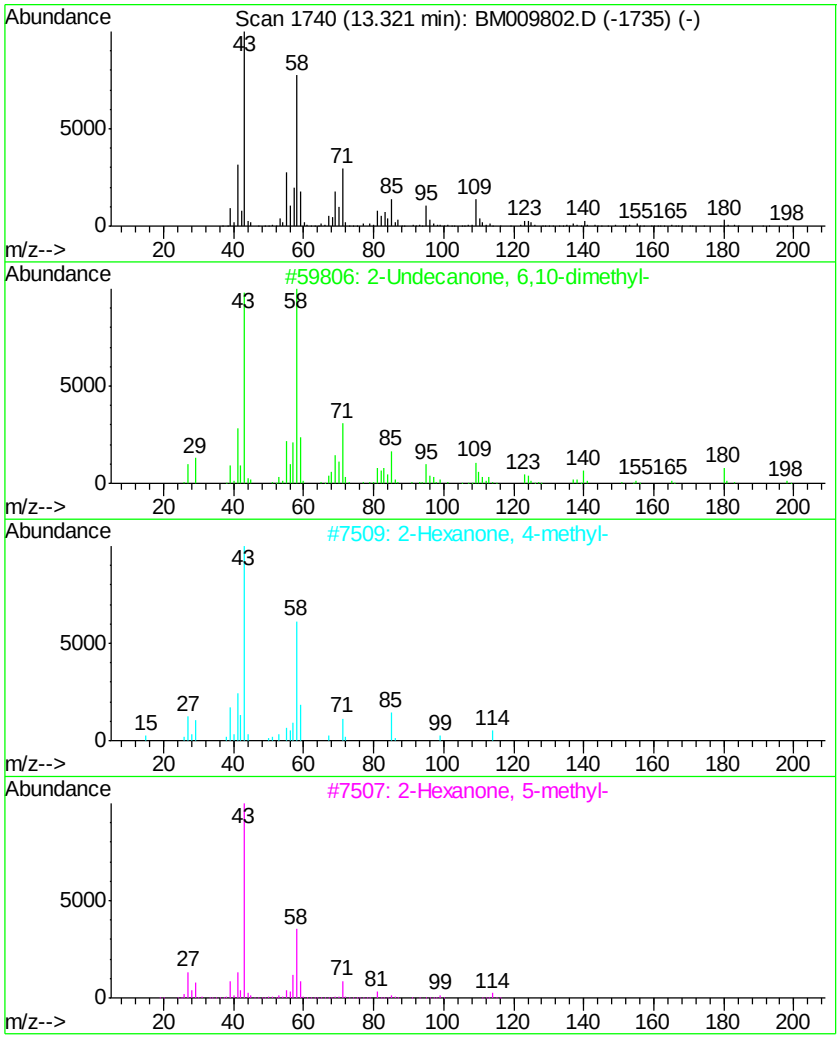
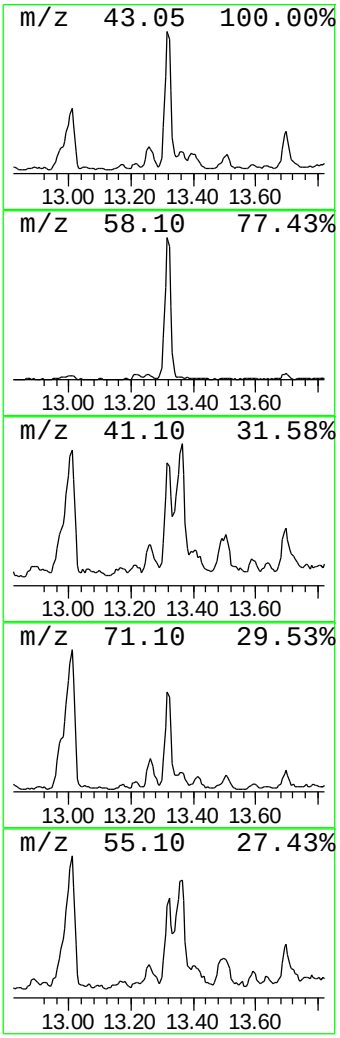
Peak Number 23 2-Undecanone, 6,10-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	11.34 ng/ul	2665660	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	83
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
4	2-Nonanone	142	C9H18O	000821-55-6	47
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	47





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ClientSampleId : JHSW3

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Quant Title : SVOA CALIBRATION

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

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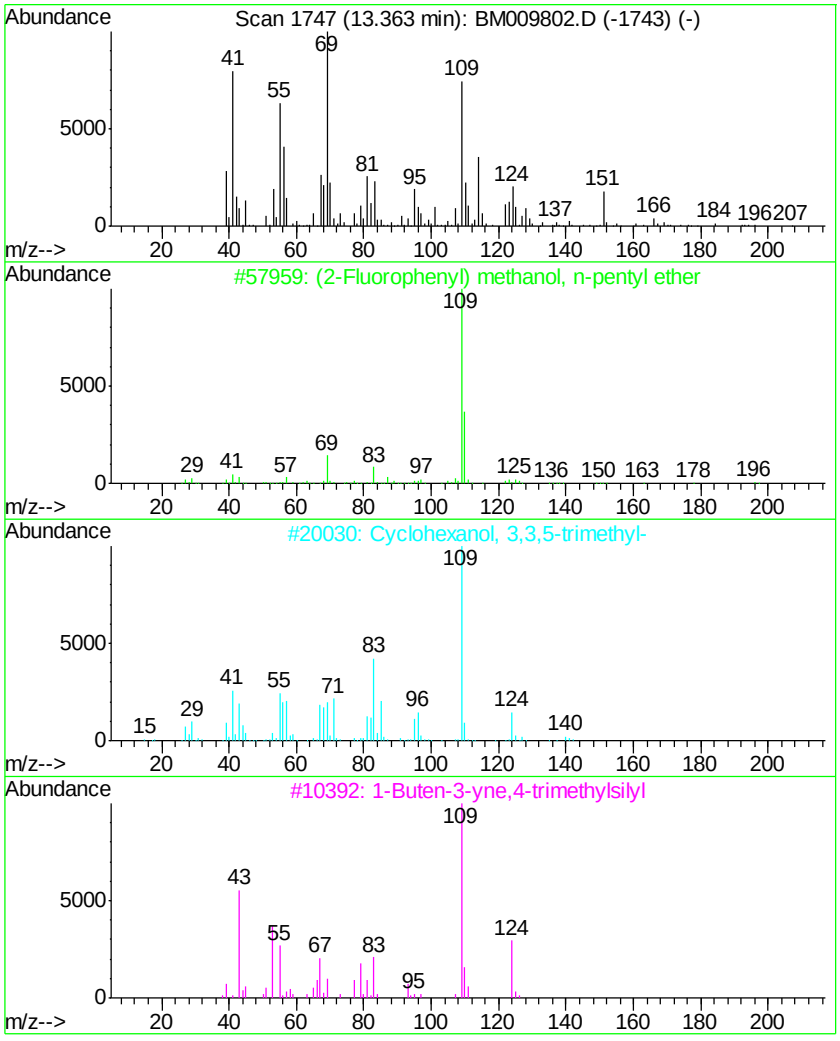
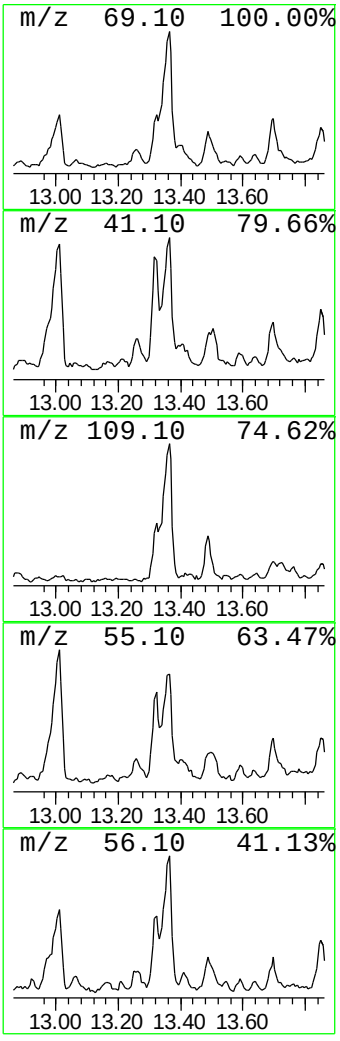
Peak Number 24 unknown-11 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	8.79 ng/ul	2066740	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Fluorophenyl) methanol, n-pen...	196	C12H17FO	1000374-56-9	47
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	27
3	1-Buten-3-yne,4-trimethylsilyl	124	C7H12Si	002696-32-4	25
4	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	25
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	25





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Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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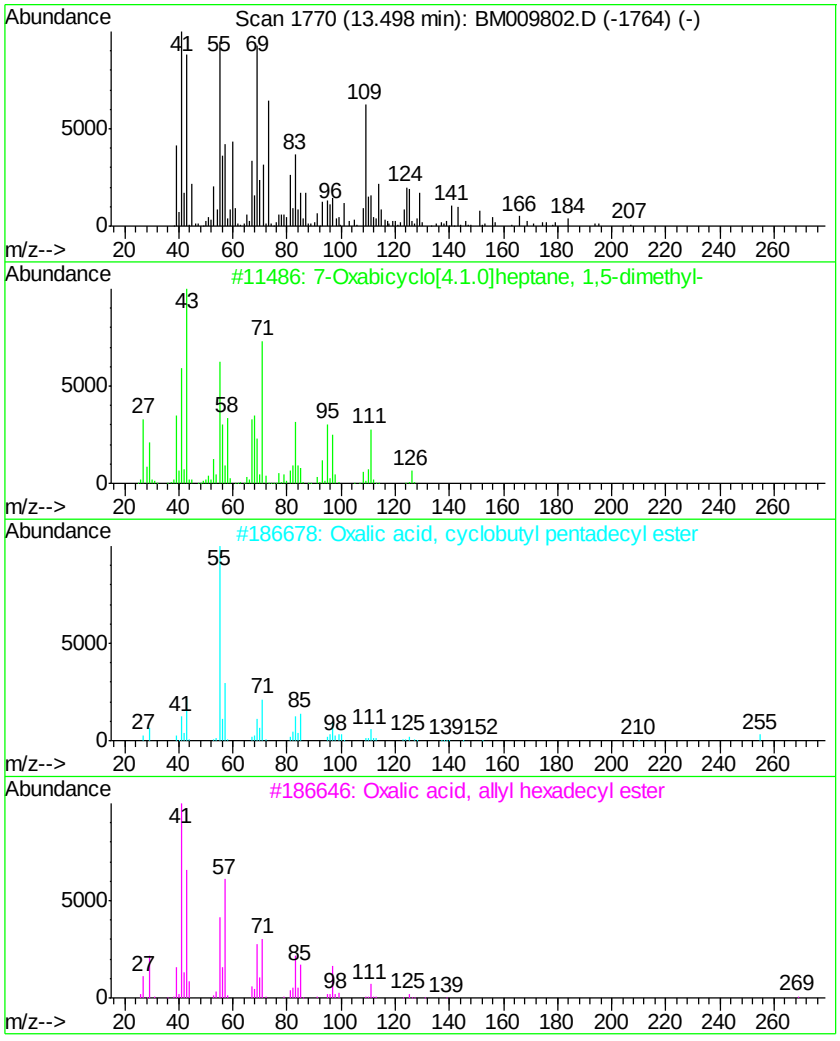
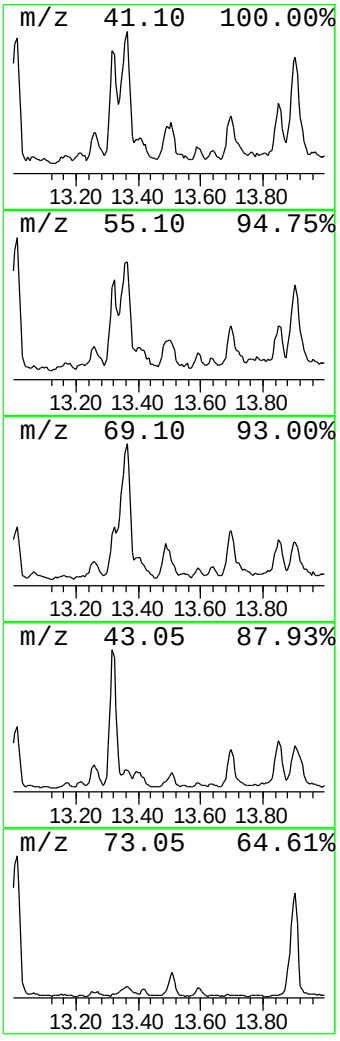
Peak Number 25 unknown-12 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.34 ng/ul	1020810	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	35
2	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	27
3	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	25
4	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	25
5	Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	22





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Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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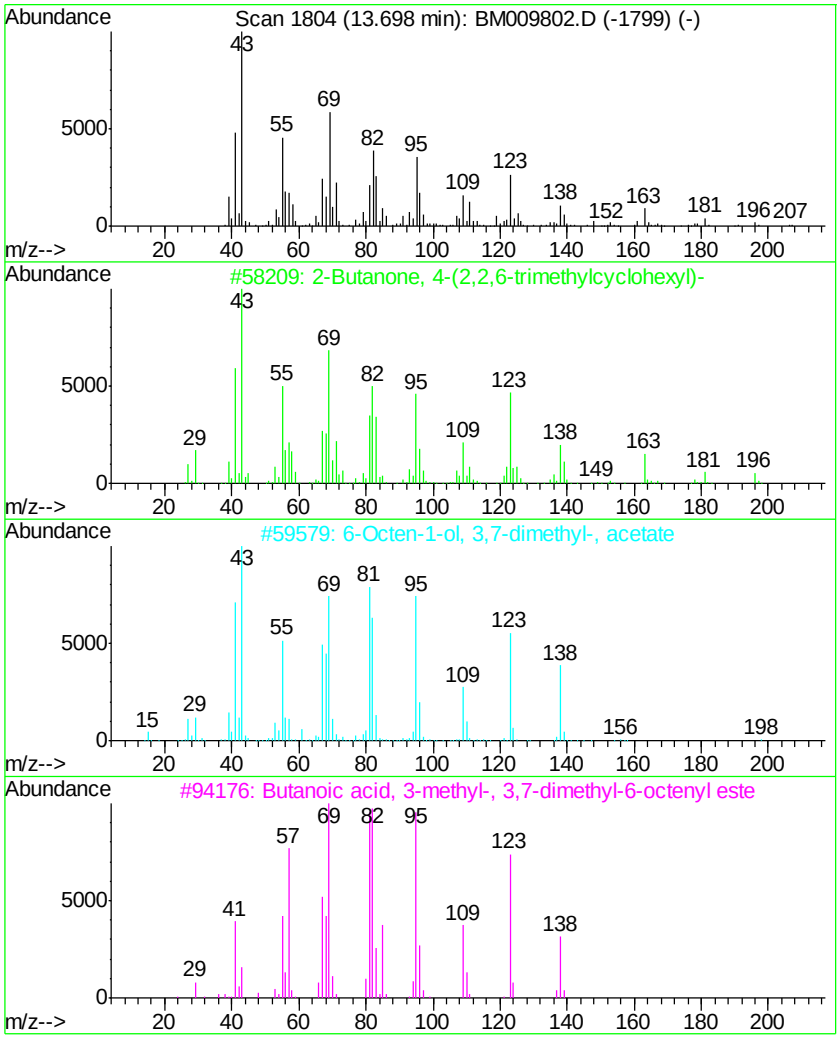
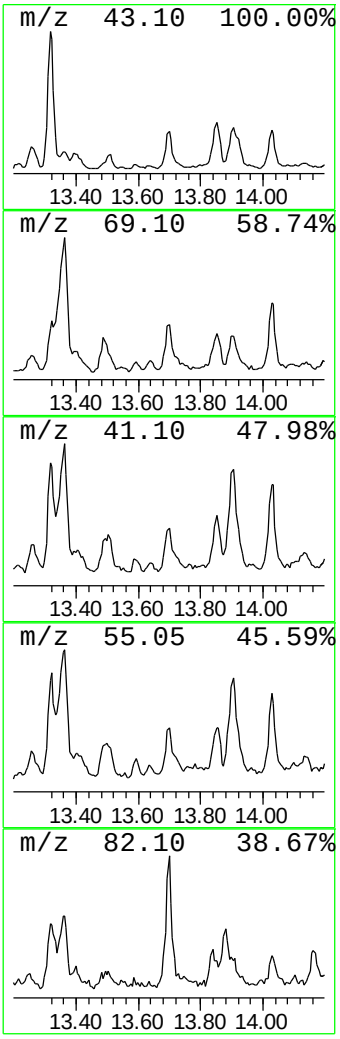
Peak Number 26 2-Butanone, 4-(2,2,6-trimet... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.68 ng/ul	1334810	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-(2,2,6-trimethylcy...	196	C13H24O	006138-85-8	93
2	6-Octen-1-ol, 3,7-dimethyl-, ace...	198	C12H22O2	000150-84-5	38
3	Butanoic acid, 3-methyl-, 3,7-di...	240	C15H28O2	068922-10-1	38
4	4,8-Decadienal, 5,9-dimethyl-	180	C12H20O	000762-26-5	38
5	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	30





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ClientSampleId : JHSW3

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Quant Title : SVOA CALIBRATION

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

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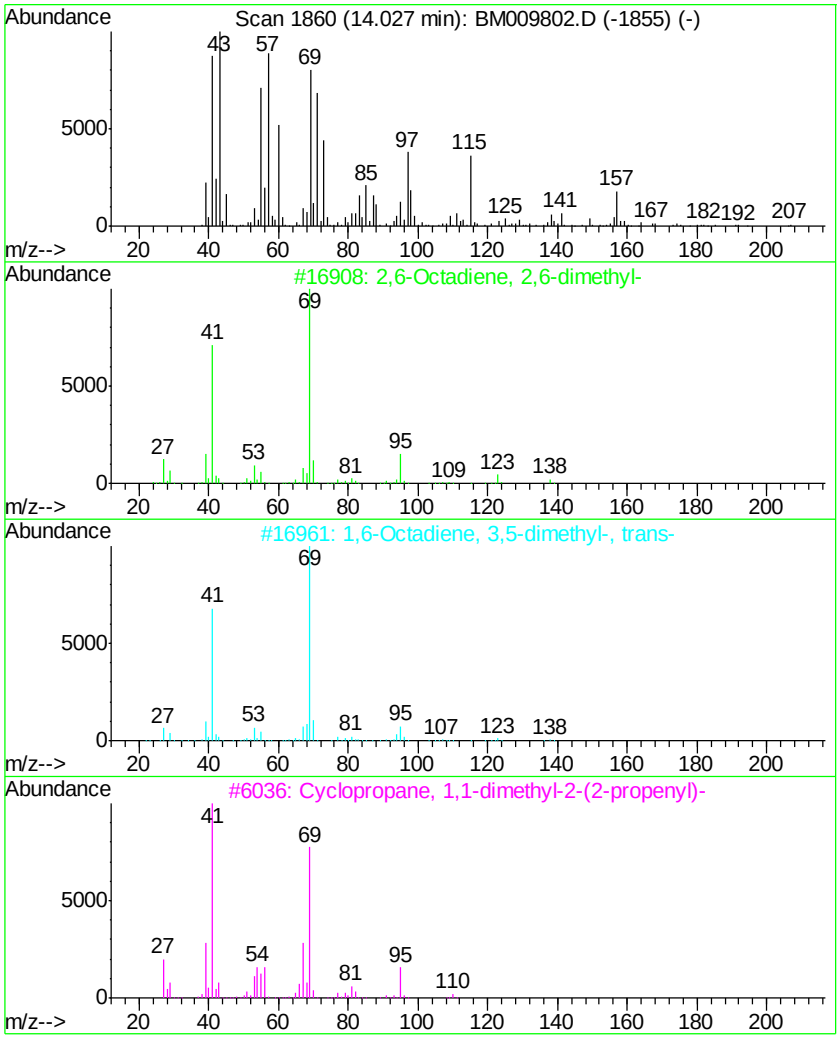
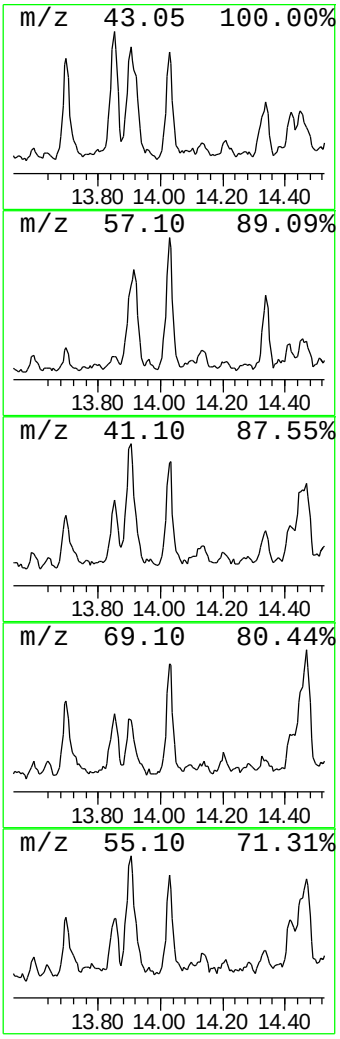
Peak Number 27 unknown-13 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	7.08 ng/ul	1664180	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	22
2	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	22
3	Cyclopropane, 1,1-dimethyl-2-(2-...	110	C8H14	036939-15-8	22
4	Geranyl vinyl ether	180	C12H20O	1000132-11-4	14
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	14





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Instrument : BNA_M
ClientSampleId : JHSW3

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Quant Title : SVOA CALIBRATION

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

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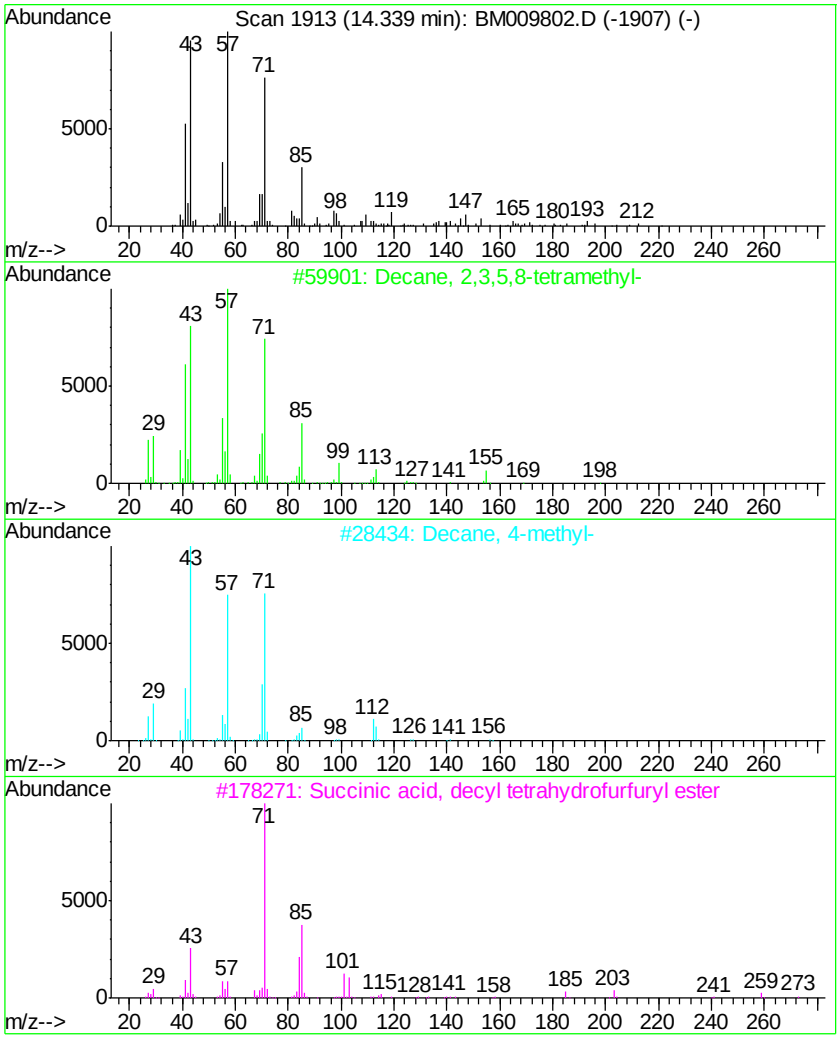
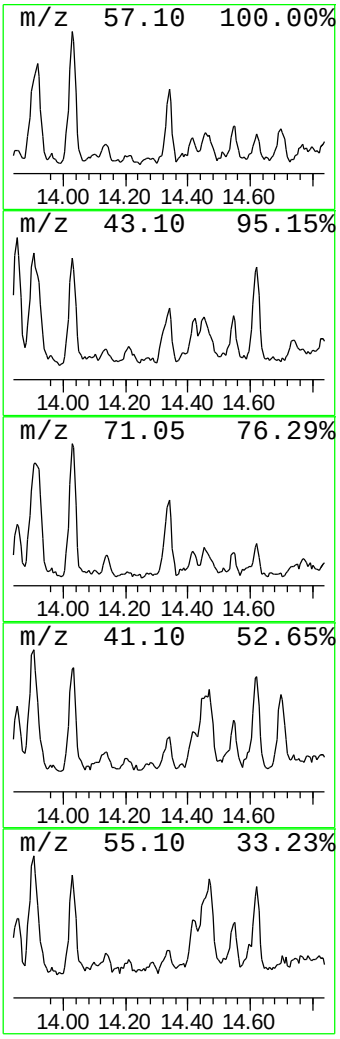
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.26 ng/ul	531558	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
2	Decane, 4-methyl-	156	C11H24	002847-72-5	58
3	Succinic acid, decyl tetrahydrof...	342	C19H34O5	1000329-86-8	53
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53
5	Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	47





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Instrument : BNA_M
ClientSampleId : JHSW3

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Quant Title : SVOA CALIBRATION

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

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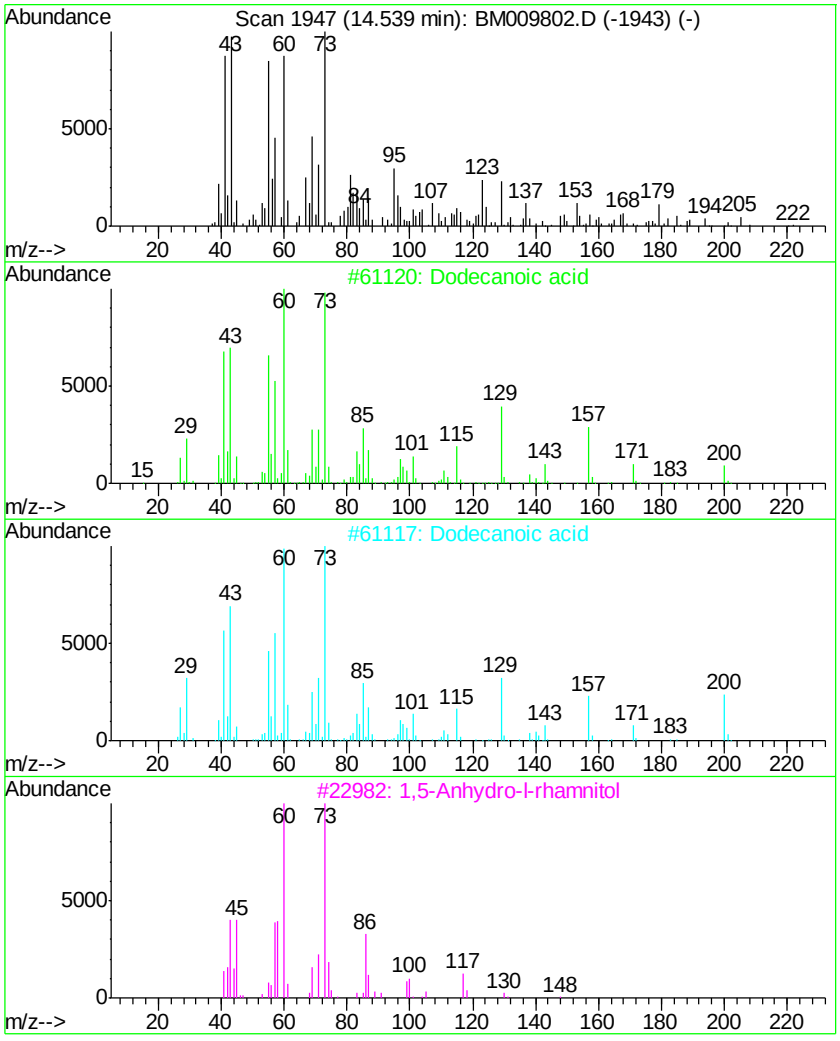
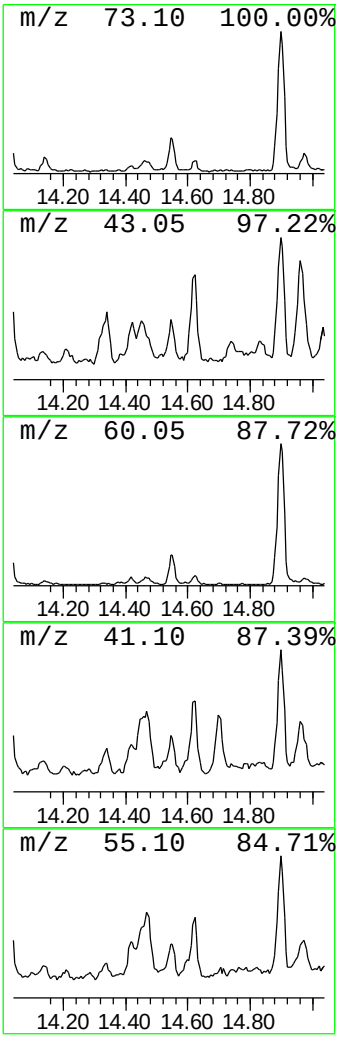
Peak Number 29 Dodecanoic acid Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.11 ng/ul	730621	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	1,5-Anhydro-l-rhamnitol	148	C6H12O4	1000129-02-4	50
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	47





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

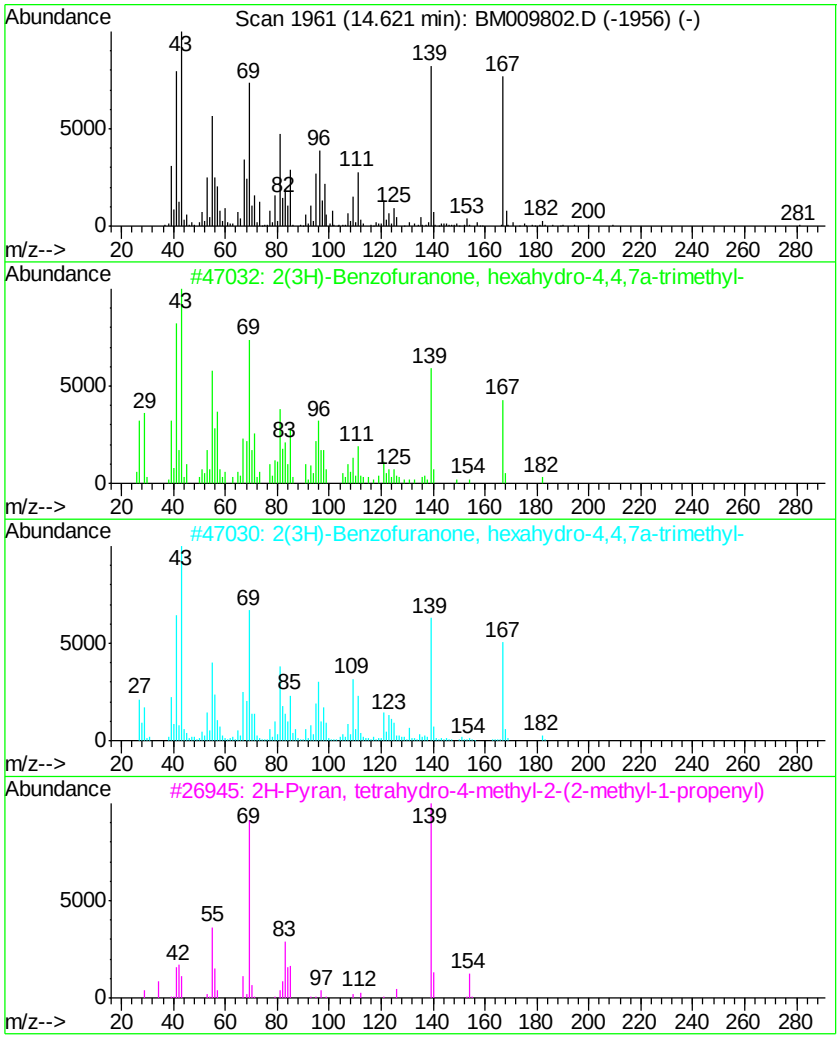
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

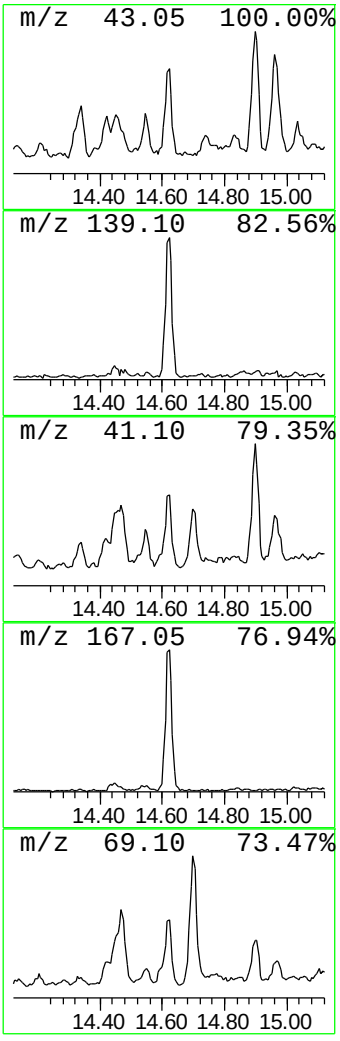
****

Peak Number 30 2(3H)-Benzofuranone, hexahy... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	6.96 ng/ul	1634740	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzofuranone, hexahydro-4...	182	C11H18O2	016778-27-1	86
2	2(3H)-Benzofuranone, hexahydro-4...	182	C11H18O2	016778-27-1	64
3	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	35
4	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	27
5	5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	18





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

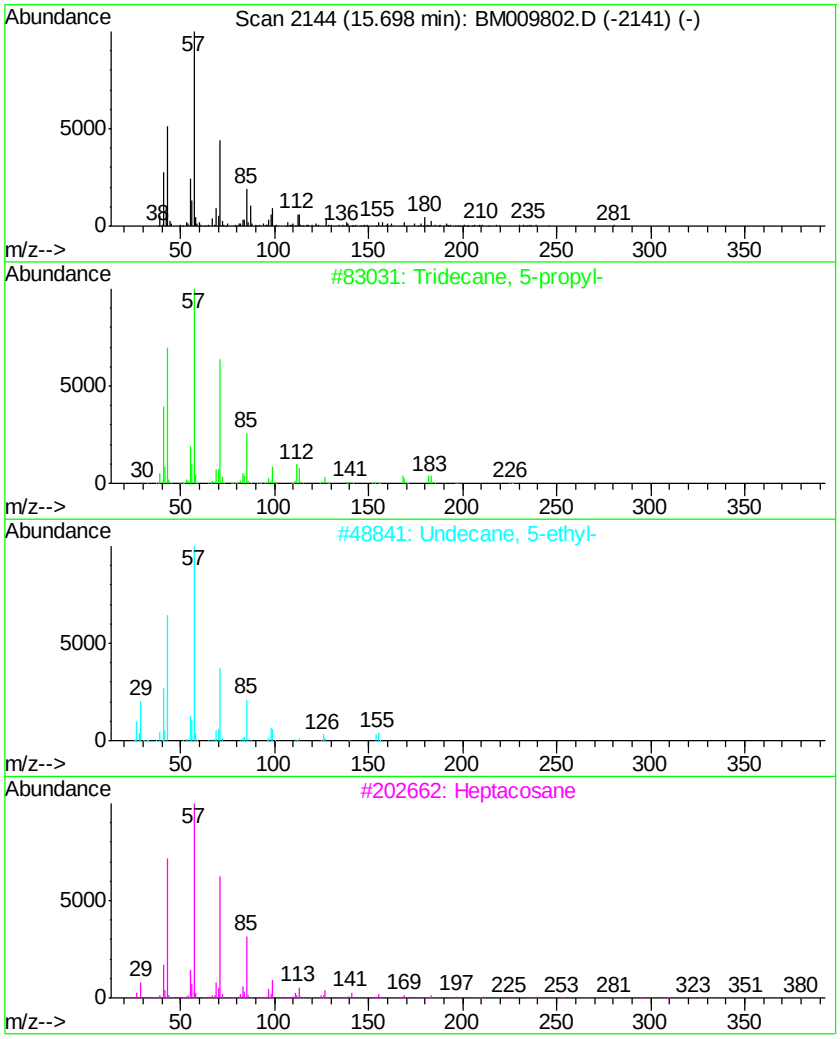
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

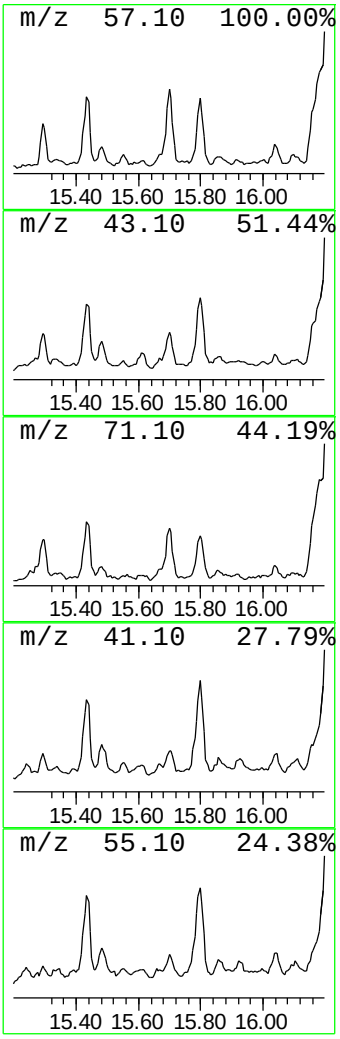
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	3.73 ng/ul	876147	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
3	Heptacosane	380	C27H56	000593-49-7	53
4	Tetracosane	338	C24H50	000646-31-1	53
5	Pentadecane	212	C15H32	000629-62-9	53





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

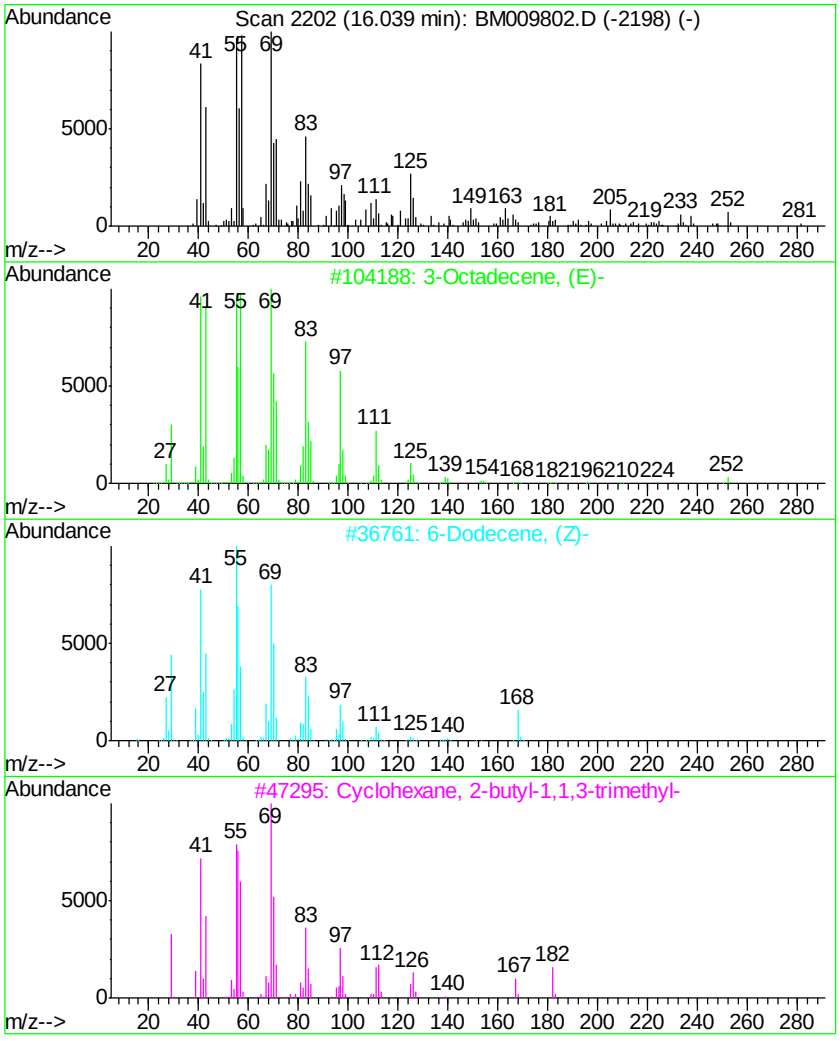
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

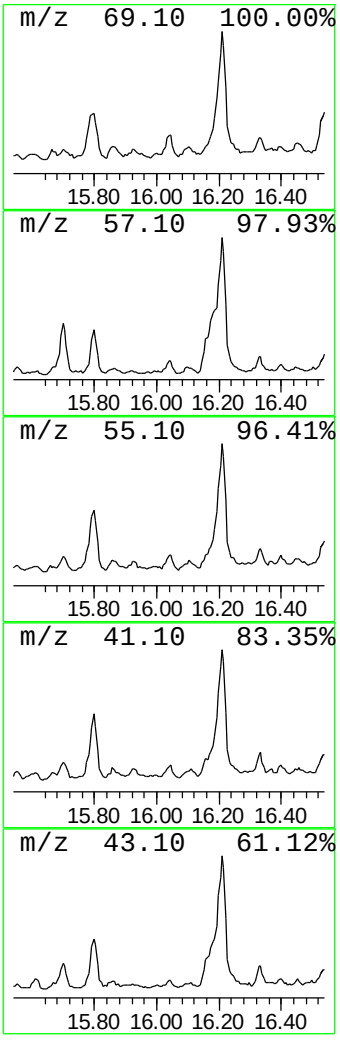
****

Peak Number 37 (DEL) Alkane: Cyclic16.04 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.30 ng/ul	563682	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	91
2	6-Dodecene, (Z)-	168	C12H24	007206-29-3	76
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	70
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	68





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

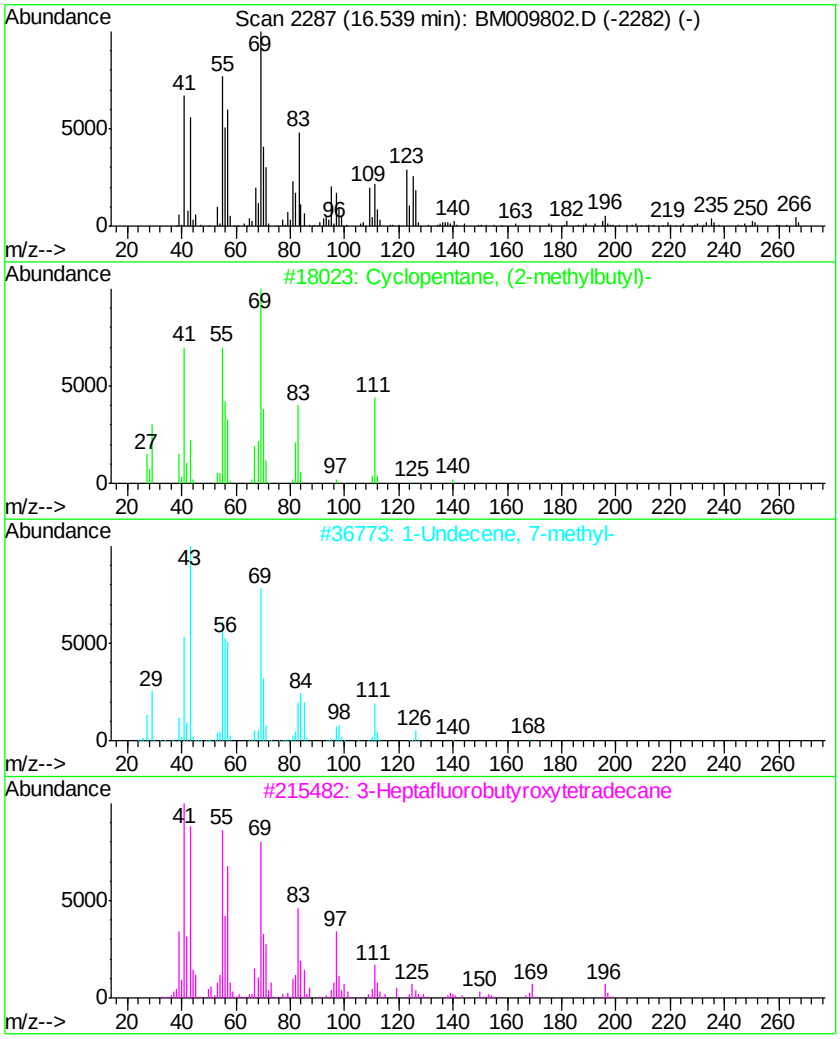
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

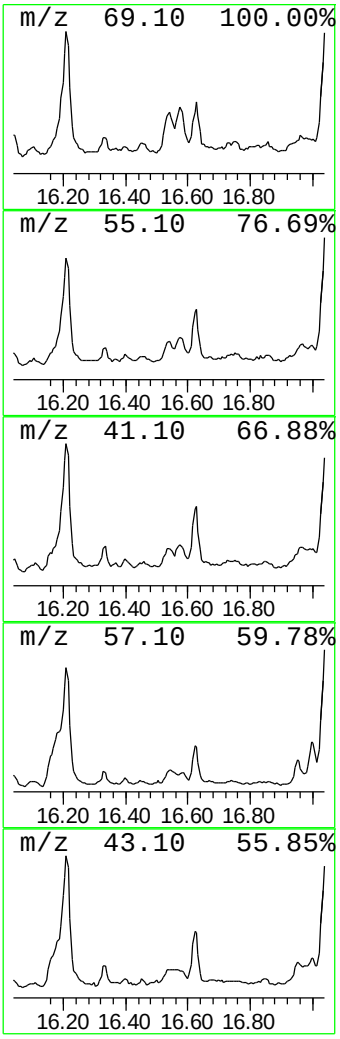
****

Peak Number 41 (DEL) Alkane: Cyclic16.54 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	9.09 ng/ul	1190210	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	60
3	3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	58
4	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	53
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	46





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Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

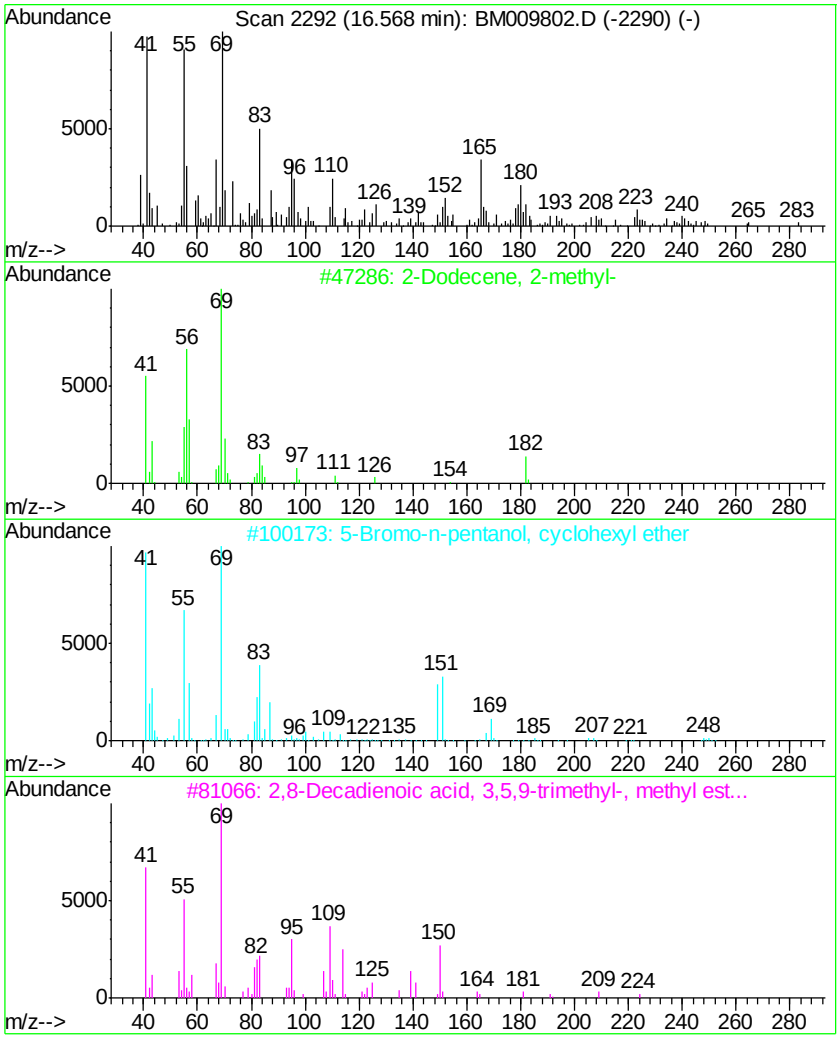
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

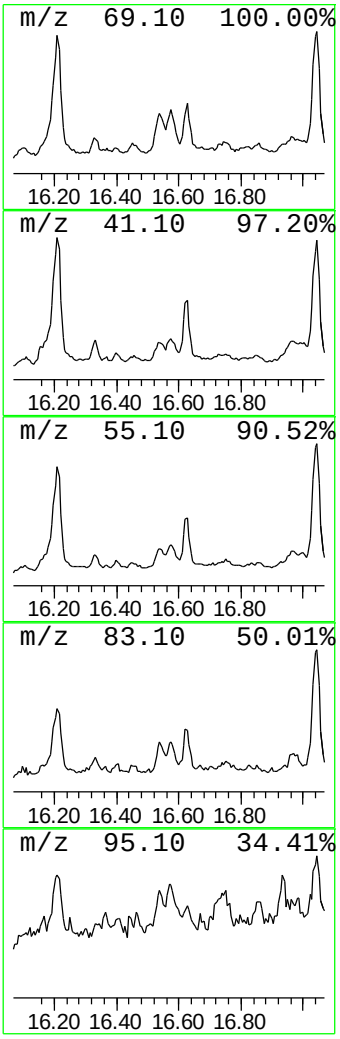
****

Peak Number 42 (DEL) Alkane: Cyclic16.57 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	10.02 ng/ul	1312640	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	43
2	5-Bromo-n-pentanol, cyclohexyl e...	248	C11H21BrO	100048-84-8	43
3	2,8-Decadienoic acid, 3,5,9-trim...	224	C14H24O2	055283-32-4	38
4	Cyclopropanecarboxylic acid, 2-m...	208	C13H20O2	1000299-37-8	35
5	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	30





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

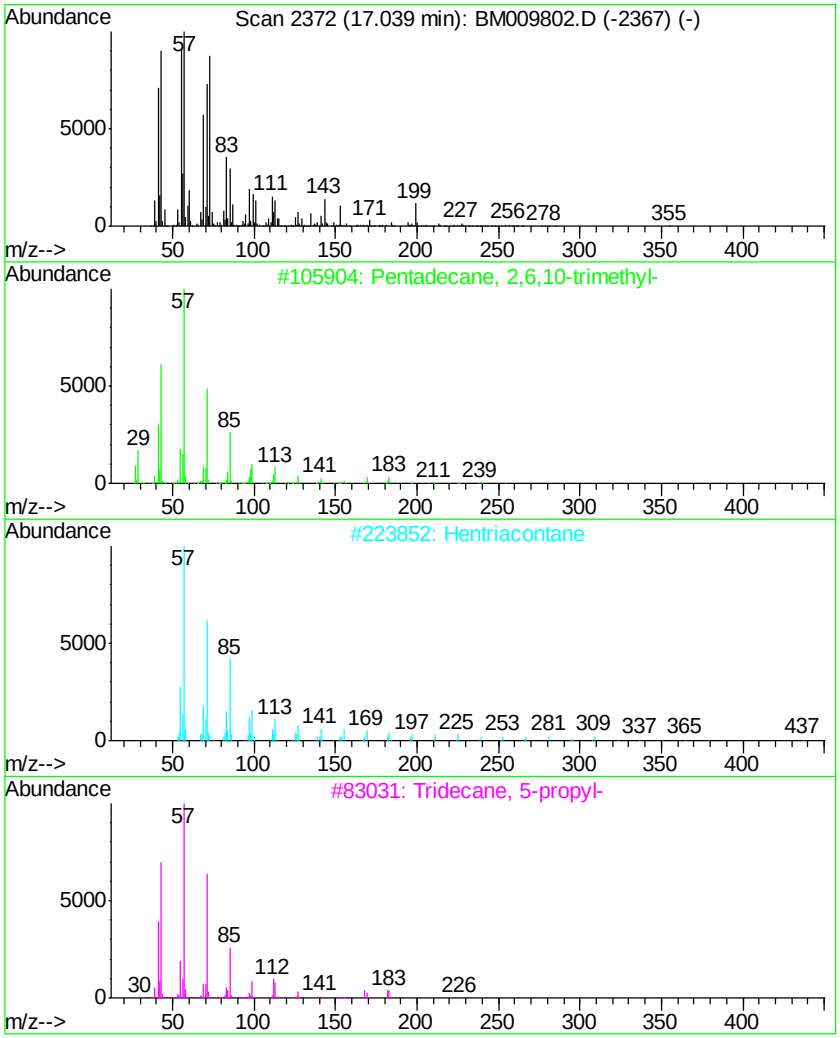
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

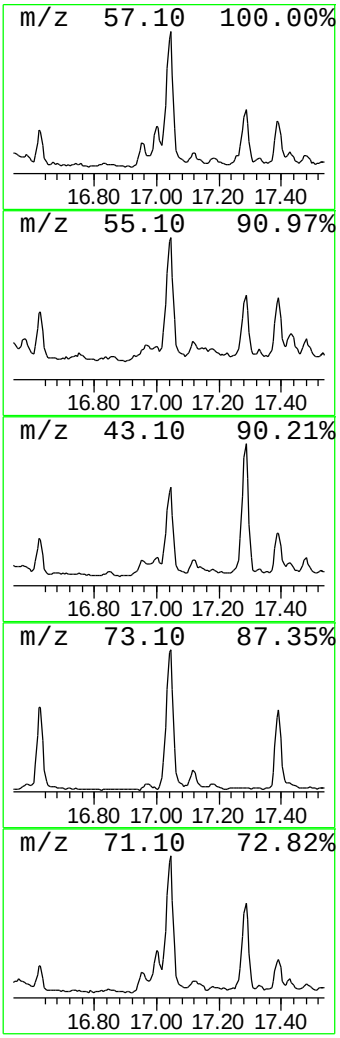
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	49.31 ng/ul	6456430	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	45
2	Hentriacontane	437	C31H64	000630-04-6	43
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	43
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	38
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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

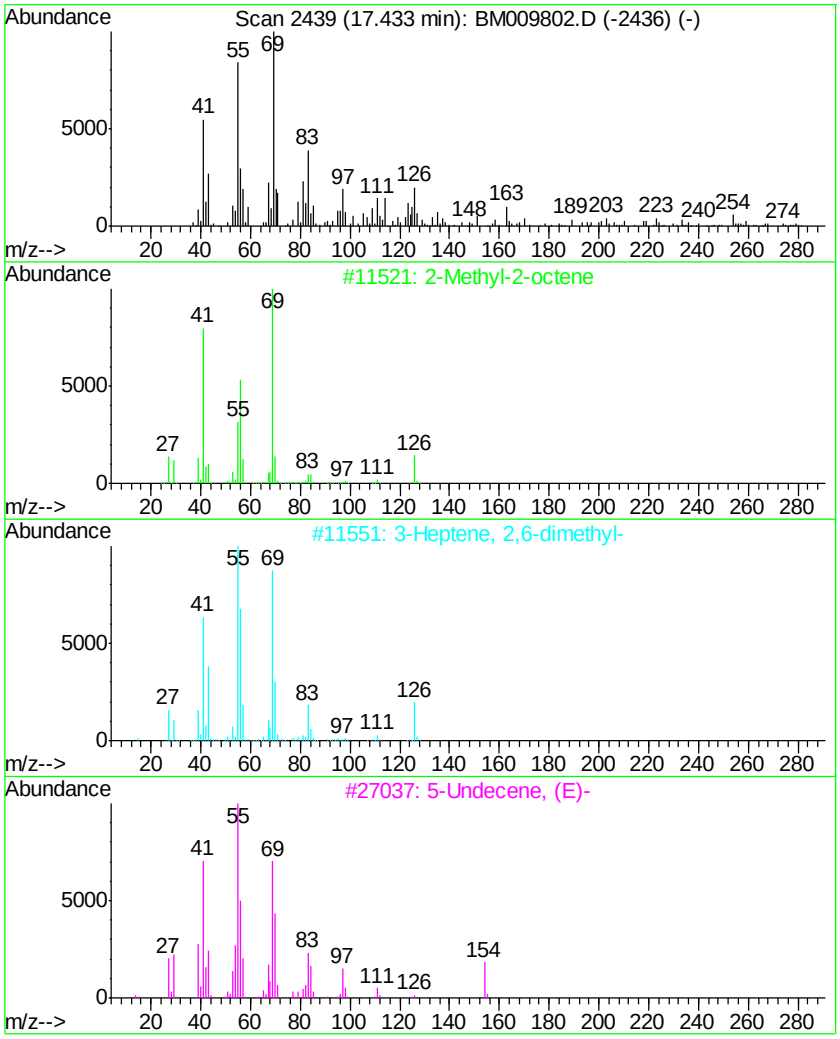
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

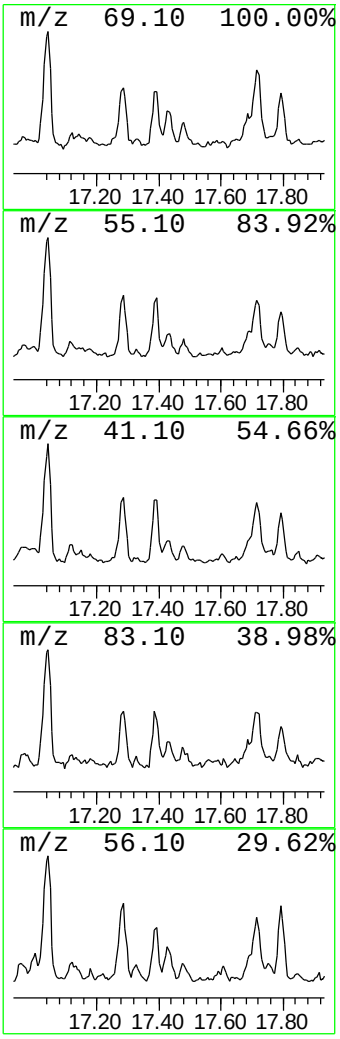
****

Peak Number 48 (DEL) Alkane: Cyclic17.43 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	7.62 ng/ul	997633	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-octene	126	C9H18	016993-86-5	50
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	50
3	5-Undecene, (E)-	154	C11H22	000764-97-6	47
4	Methacrylic acid, ethyl ester	114	C6H10O2	000097-63-2	43
5	trans-Farnesol	222	C15H26O	000106-28-5	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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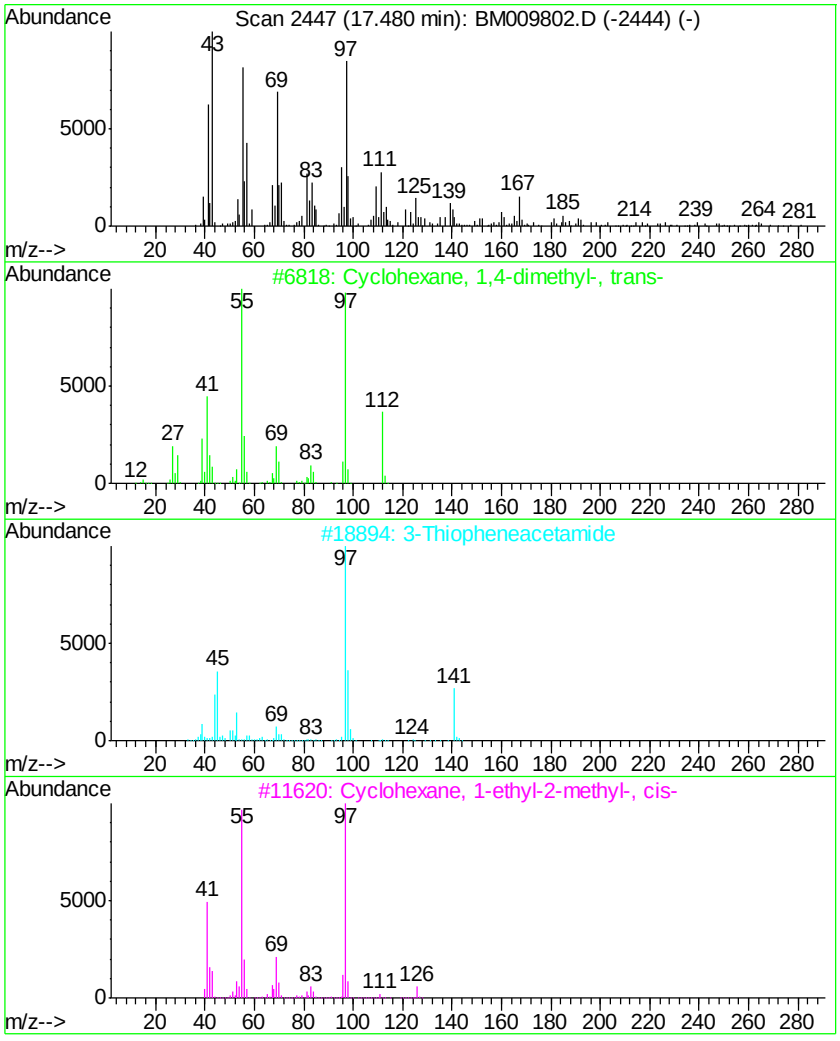
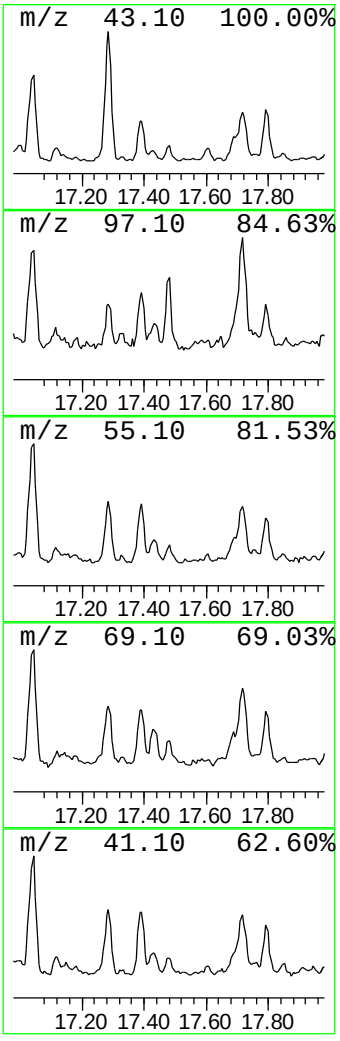
Peak Number 49 (DEL) Alkane: Cyclic17.48 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	6.83 ng/ul	894945	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	38
2	3-Thiopheneacetamide	141	C6H7NOS	013781-66-3	38
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	35
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35
5	3-Chloropropionic acid, octadecy...	360	C21H41ClO2	088168-99-4	30





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

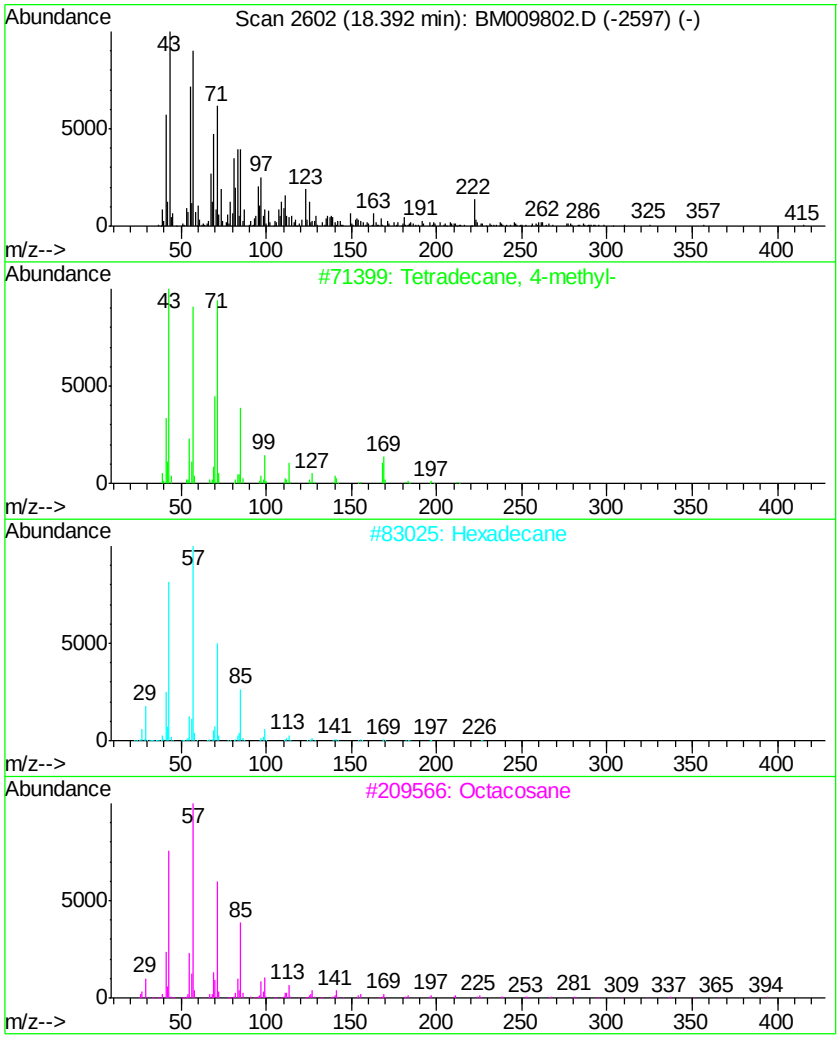
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

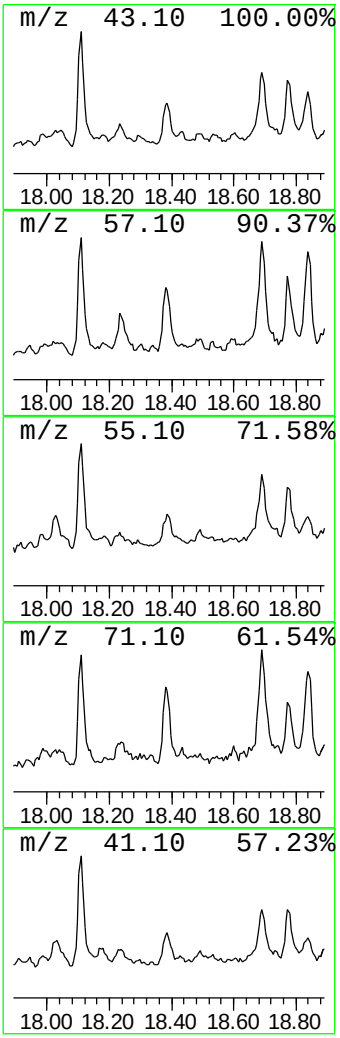
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	10.94 ng/ul	1432500	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	46
2	Hexadecane	226	C16H34	000544-76-3	46
3	Octacosane	394	C28H58	000630-02-4	46
4	Eicosane	282	C20H42	000112-95-8	45
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	38





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Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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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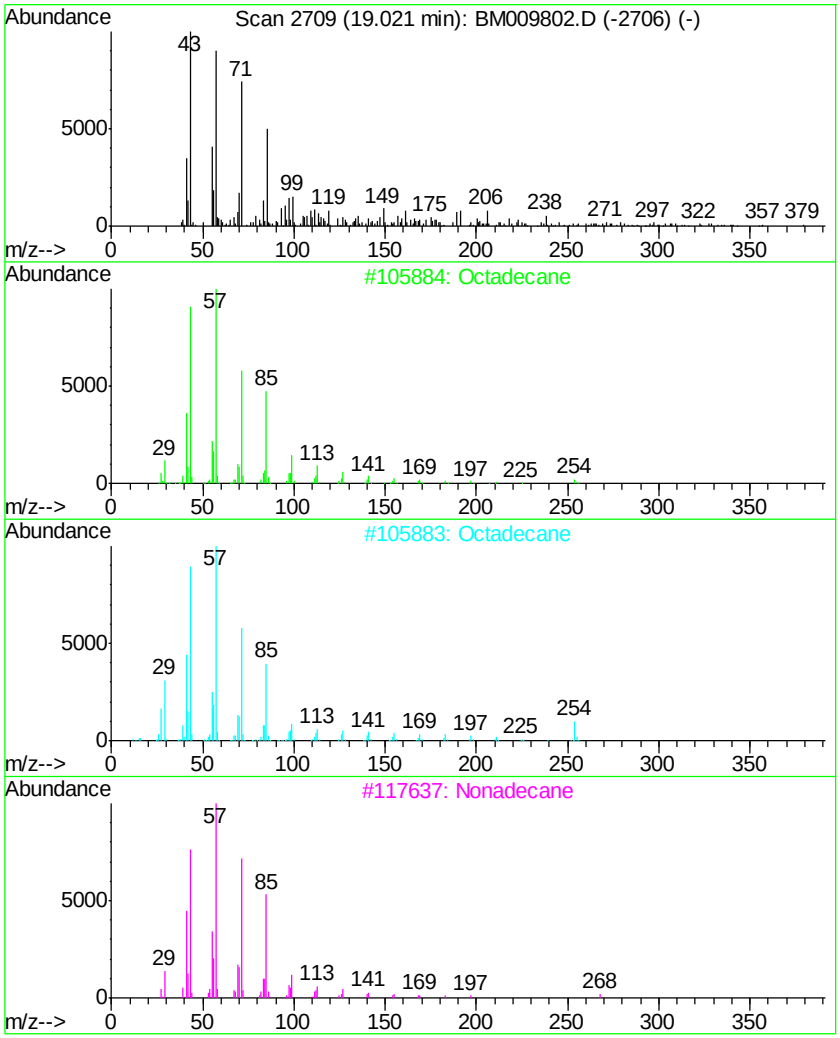
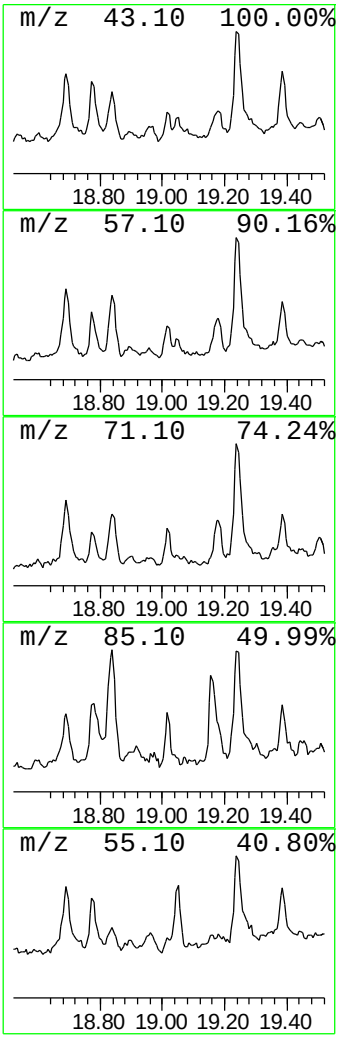
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	2.95 ng/ul	385653	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Octadecane	254	C18H38	000593-45-3	83
3	Nonadecane	268	C19H40	000629-92-5	80
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW3

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
Pentanoic acid, 4...	6.38	6.4	ng/ul	453367	1	7.82	1423800	20.0
2-Heptanone, 6-me...	6.69	6.5	ng/ul	462518	1	7.82	1423800	20.0
Hexanoic acid	6.86	4.0	ng/ul	285870	1	7.82	1423800	20.0
Butanoic acid, et...	7.68	4.9	ng/ul	349897	1	7.82	1423800	20.0
unknown-01	7.90	5.3	ng/ul	378151	1	7.82	1423800	20.0
unknown-02	8.63	4.5	ng/ul	322272	1	7.82	1423800	20.0
unknown-03	9.43	4.0	ng/ul	472547	2	10.62	2348610	20.0
Octanoic acid	9.97	8.7	ng/ul	1015620	2	10.62	2348610	20.0
(DEL) Alkane: Cyc...	10.18	3.1	ng/ul	364887	2	10.62	2348610	20.0
1-(2-Isopropyl-5-...	10.46	3.5	ng/ul	408114	2	10.62	2348610	20.0
(DEL) Alkane: Cyc...	10.55	3.4	ng/ul	397838	2	10.62	2348610	20.0
unknown-04	10.70	2.3	ng/ul	273443	2	10.62	2348610	20.0
Octanoic acid, si...	11.48	16.9	ng/ul	1985990	2	10.62	2348610	20.0
unknown-05	11.56	6.9	ng/ul	805476	2	10.62	2348610	20.0
Decanoic acid, 3-...	11.65	33.6	ng/ul	3942960	2	10.62	2348610	20.0
unknown-06	11.78	24.1	ng/ul	2827750	2	10.62	2348610	20.0
unknown-07	12.32	4.5	ng/ul	526506	2	10.62	2348610	20.0
unknown-08	12.58	3.1	ng/ul	729632	3	14.47	4700570	20.0
n-Decanoic acid	12.77	6.6	ng/ul	1541590	3	14.47	4700570	20.0
unknown-09	13.01	15.3	ng/ul	3605360	3	14.47	4700570	20.0
unknown-10	13.26	2.8	ng/ul	645618	3	14.47	4700570	20.0
2-Undecanone, 6,1...	13.32	11.3	ng/ul	2665660	3	14.47	4700570	20.0
unknown-11	13.36	8.8	ng/ul	2066740	3	14.47	4700570	20.0
unknown-12	13.50	4.3	ng/ul	1020810	3	14.47	4700570	20.0
2-Butanone, 4-(2,...	13.70	5.7	ng/ul	1334810	3	14.47	4700570	20.0
unknown-13	14.03	7.1	ng/ul	1664180	3	14.47	4700570	20.0
(DEL) Alkane: Str...	14.34	2.3	ng/ul	531558	3	14.47	4700570	20.0
Dodecanoic acid	14.54	3.1	ng/ul	730621	3	14.47	4700570	20.0
2(3H)-Benzofurano...	14.62	7.0	ng/ul	1634740	3	14.47	4700570	20.0
(DEL) Alkane: Str...	15.70	3.7	ng/ul	876147	3	14.47	4700570	20.0
(DEL) Alkane: Cyc...	16.04	4.3	ng/ul	563682	4	17.22	2618950	20.0
(DEL) Alkane: Cyc...	16.54	9.1	ng/ul	1190210	4	17.22	2618950	20.0
(DEL) Alkane: Cyc...	16.57	10.0	ng/ul	1312640	4	17.22	2618950	20.0
(DEL) Alkane: Str...	17.04	49.3	ng/ul	6456430	4	17.22	2618950	20.0
(DEL) Alkane: Cyc...	17.43	7.6	ng/ul	997633	4	17.22	2618950	20.0
(DEL) Alkane: Cyc...	17.48	6.8	ng/ul	894945	4	17.22	2618950	20.0
(DEL) Alkane: Str...	18.39	10.9	ng/ul	1432500	4	17.22	2618950	20.0
(DEL) Alkane: Str...	19.02	3.0	ng/ul	385653	4	17.22	2618950	20.0