LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005126.D
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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\SOM02.2-EPA-BM042516.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	4.369	281	286	296	rBV	96587	128250	1.94%	0.364%
2	5.851	533	538	548	rBV	185335	277617	4.19%	0.789%
3	6.869	694	711	715	rBV	56571	182717	2.76%	0.519%
4	6.963	720	727	734	rVB	41613	68631	1.04%	0.195%
5	7.122	748	754	762	rVB	155500	233648	3.53%	0.664%
6	7.322	783	788	796	rVB	169718	267974	4.05%	0.761%
7	7.404	796	802	809	rBV	140337	206178	3.11%	0.586%
8	7.786	862	867	874	rBV	169446	268591	4.05%	0.763%
9	8.498	955	988	993	rBV	289567	1283530	19.37%	3.646%
10	8.945	1058	1064	1073	rVB	201969	351300	5.30%	0.998%
11	9.139	1092	1097	1103	rVB	135223	228096	3.44%	0.648%
12	9.245	1109	1115	1117	rBV	56810	92580	1.40%	0.263%
13	9.269	1117	1119	1124	rVV	71539	102266	1.54%	0.290%
14	9.663	1180	1186	1195	rBB	167505	276944	4.18%	0.787%
15	9.904	1218	1227	1230	rBV2	32353	78129	1.18%	0.222%
16	9.986	1230	1241	1257	rVB3	375342	912747	13.78%	2.593%
17	10.204	1272	1278	1284	rBV	259979	428104	6.46%	1.216%
18	10.580	1335	1342	1348	rBV	256283	434695	6.56%	1.235%
19	10.751	1364	1371	1379	rVB	648267	1135140	17.13%	3.224%
20	11.180	1434	1444	1450	rBV	98760	172296	2.60%	0.489%
21	11.504	1474	1499	1526	rBV2	1532628	6624723	100.00%	18.817%
22	11.692	1527	1531	1541	rVB	53580	111051	1.68%	0.315%
23	11.963	1566	1577	1585	rVB2	86339	213447	3.22%	0.606%
24	12.139	1603	1607	1616	rVB2	36933	67013	1.01%	0.190%
25	12.680	1692	1699	1716	rVV2	53409	125523	1.89%	0.357%
26	13.527	1820	1843	1855	rBV	641834	2113187	31.90%	6.002%
27	13.633	1857	1861	1876	rVB2	31455	79311	1.20%	0.225%
28	13.845	1890	1897	1911	rBV2	511396	1270122	19.17%	3.608%
29	14.051	1926	1932	1935	rBV	81731	119351	1.80%	0.339%
30	14.121	1939	1944	1957	rVB	537001	901664	13.61%	2.561%
31	14.321	1968	1978	1990	rBV	298246	569338	8.59%	1.617%
32	14.433	1990	1997	2003	rVV2	412894	682510	10.30%	1.939%
33	14.492	2003	2007	2016	rVB	43839	68438	1.03%	0.194%
34	14.639	2026	2032	2040	rBV3	84388	200190	3.02%	0.569%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005126.D
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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\SOM02.2-EPA-BM042516.M
Title : SVOA CALIBRATION

35	14.704	2040	2043	2050	rVV2	48559	98027	1.48%	0.278%
36	14.857	2060	2069	2073	rVV3	40516	72272	1.09%	0.205%
37	14.909	2073	2078	2093	rVB	268320	409924	6.19%	1.164%
38	15.257	2133	2137	2150	rVB4	89502	204878	3.09%	0.582%
39	15.362	2150	2155	2158	rBV	49665	71687	1.08%	0.204%
40	15.427	2158	2166	2178	rVB	679258	1167229	17.62%	3.315%
41	15.545	2180	2186	2192	rBV	249630	353882	5.34%	1.005%
42	16.139	2282	2287	2294	rBV3	36625	72747	1.10%	0.207%
43	16.356	2318	2324	2328	rBV	147142	213890	3.23%	0.608%
44	16.404	2328	2332	2336	rVV	88189	152859	2.31%	0.434%
45	16.456	2336	2341	2353	rVV2	95985	197444	2.98%	0.561%
46	17.080	2441	2447	2456	rVV	182926	333033	5.03%	0.946%
47	17.174	2457	2463	2468	rVV2	503776	765369	11.55%	2.174%
48	17.274	2475	2480	2489	rVB2	713964	1072575	16.19%	3.047%
49	18.068	2602	2615	2623	rBV5	154521	367153	5.54%	1.043%
50	18.139	2623	2627	2630	rVV	73758	93025	1.40%	0.264%
51	19.233	2810	2813	2821	rVB2	55739	92530	1.40%	0.263%
52	19.350	2826	2833	2837	rBV	124383	184325	2.78%	0.524%
53	19.574	2865	2871	2881	rVB	877267	1278615	19.30%	3.632%
54	19.703	2889	2893	2898	rVB	76554	86569	1.31%	0.246%
55	20.309	2990	2996	3014	rBV	308579	691085	10.43%	1.963%
56	21.080	3121	3127	3131	rBV	1959307	2623882	39.61%	7.453%
57	21.368	3170	3176	3181	rBV	593000	807254	12.19%	2.293%
58	21.956	3271	3276	3291	rVB	1392300	1850573	27.93%	5.256%
59	23.503	3531	3539	3553	rBV2	468421	1049722	15.85%	2.982%
60	23.650	3557	3564	3572	rVV2	318232	619789	9.36%	1.760%

Sum of corrected areas: 35205639

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
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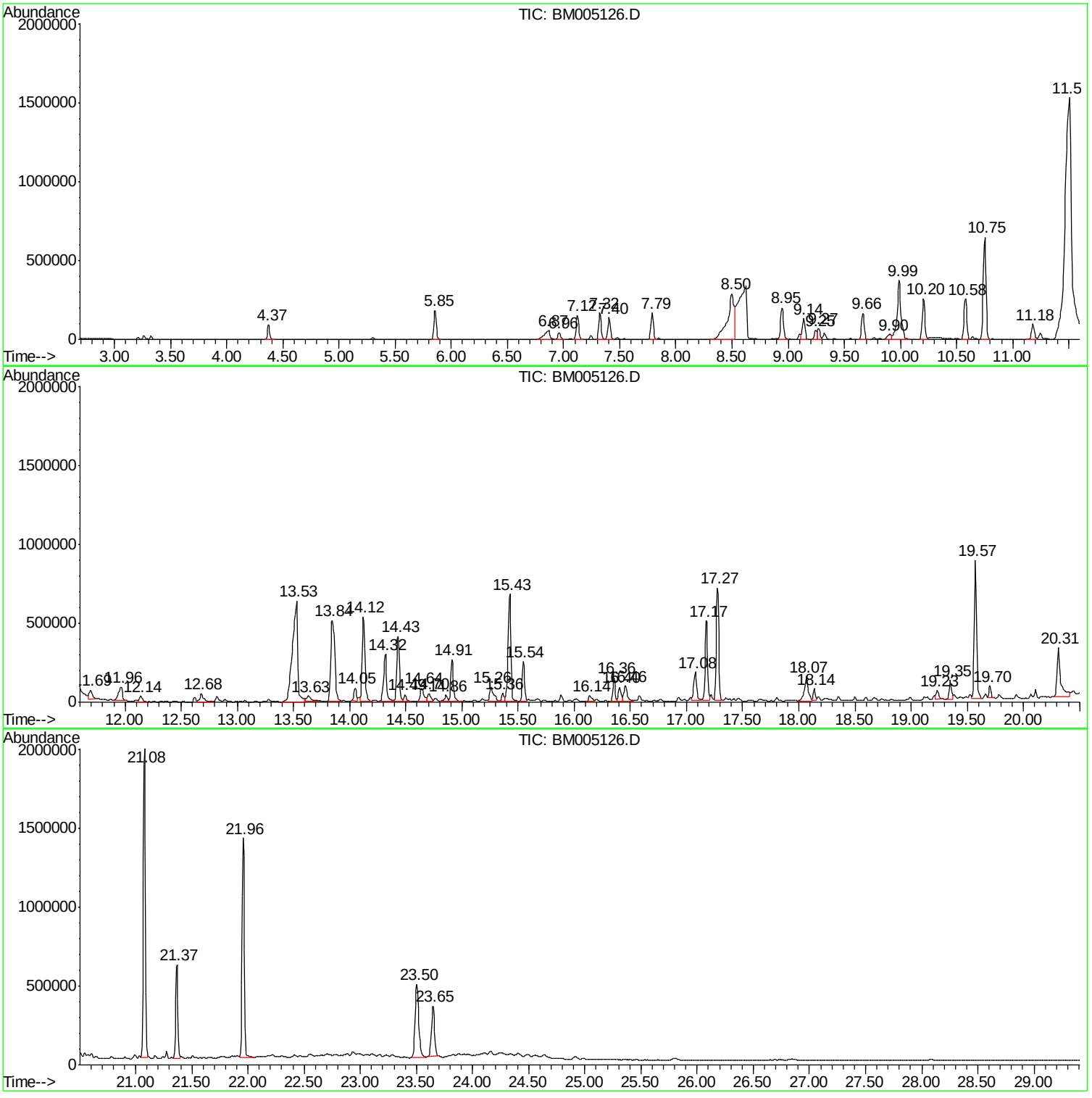
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Data File : BM005126.D
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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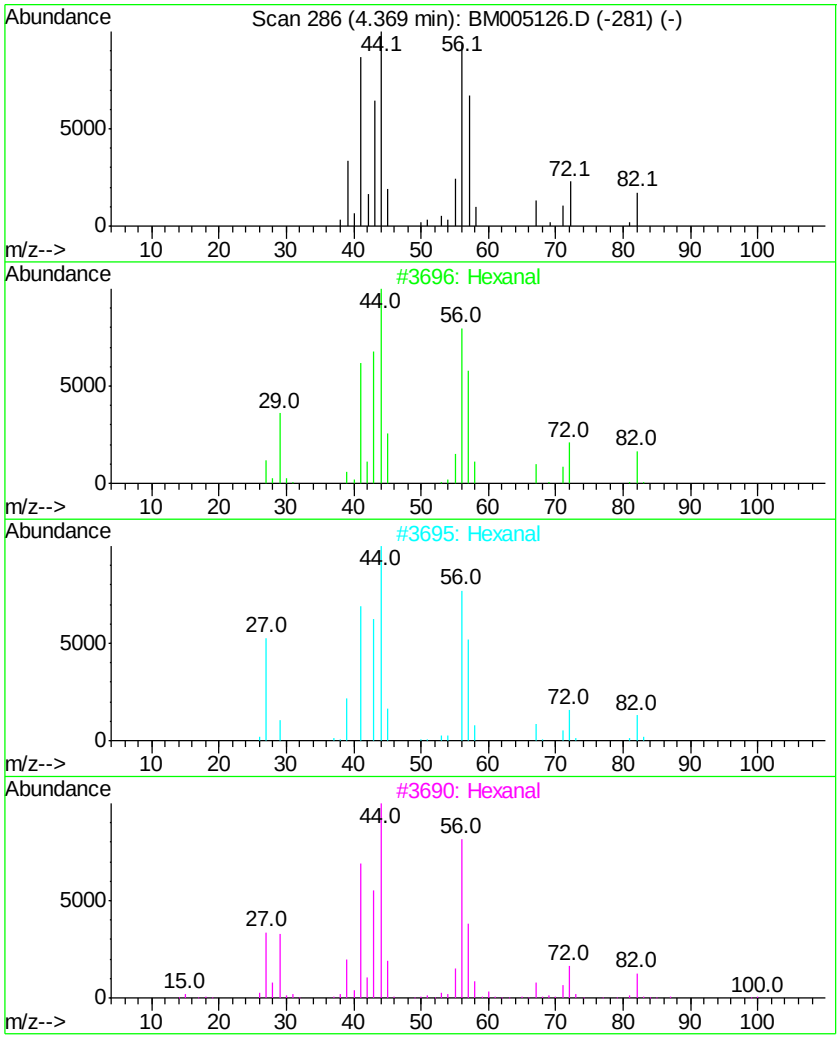
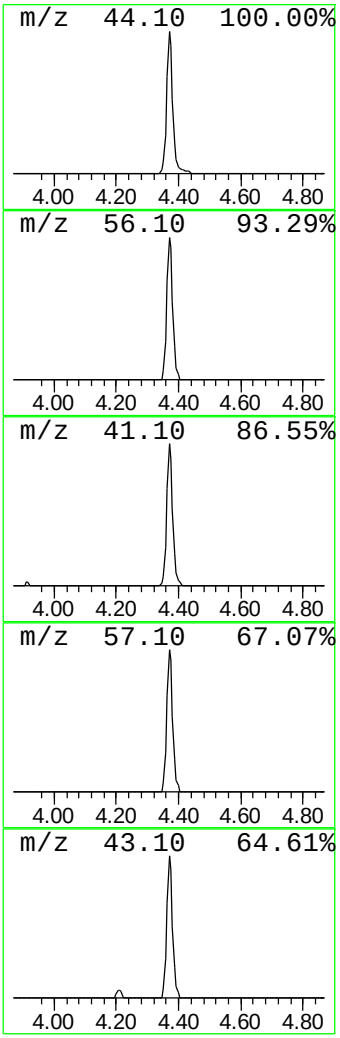
Peak Number 1 Hexanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	9.55 ng/ul	128250	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	83
4	Hexanal	100	C6H12O	000066-25-1	83
5	Butanal	72	C4H8O	000123-72-8	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005126.D
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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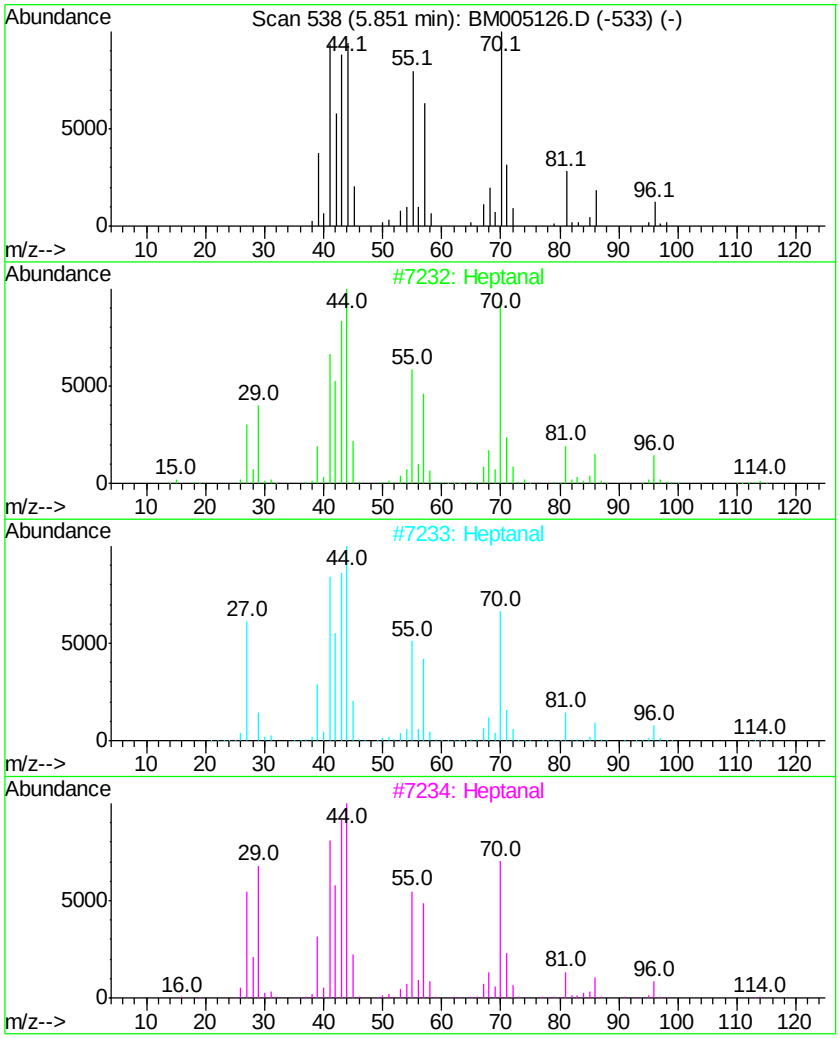
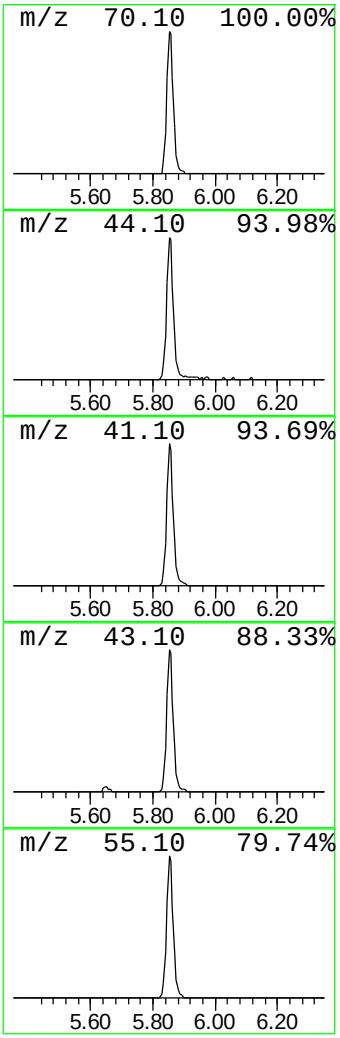
Peak Number 2 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	20.67 ng/ul	277617	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	90
2	Heptanal	114	C7H14O	000111-71-7	90
3	Heptanal	114	C7H14O	000111-71-7	90
4	Heptanal	114	C7H14O	000111-71-7	64
5	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	47





Library Search Compound Report

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Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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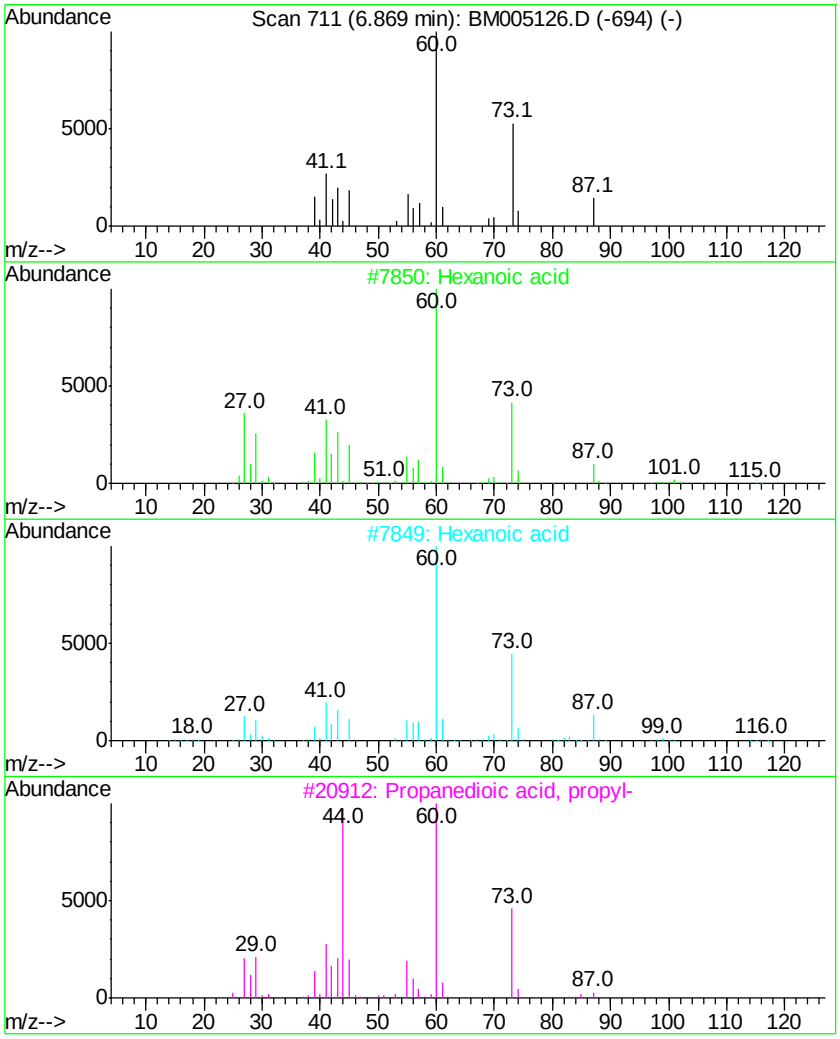
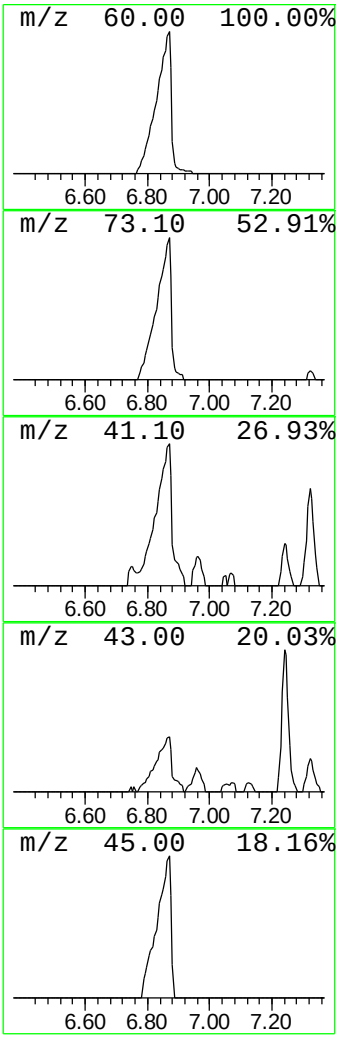
Peak Number 3 Hexanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	13.61 ng/ul	182717	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
4	Pentanoic acid	102	C5H10O2	000109-52-4	78
5	Hexanoic acid	116	C6H12O2	000142-62-1	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005126.D
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Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

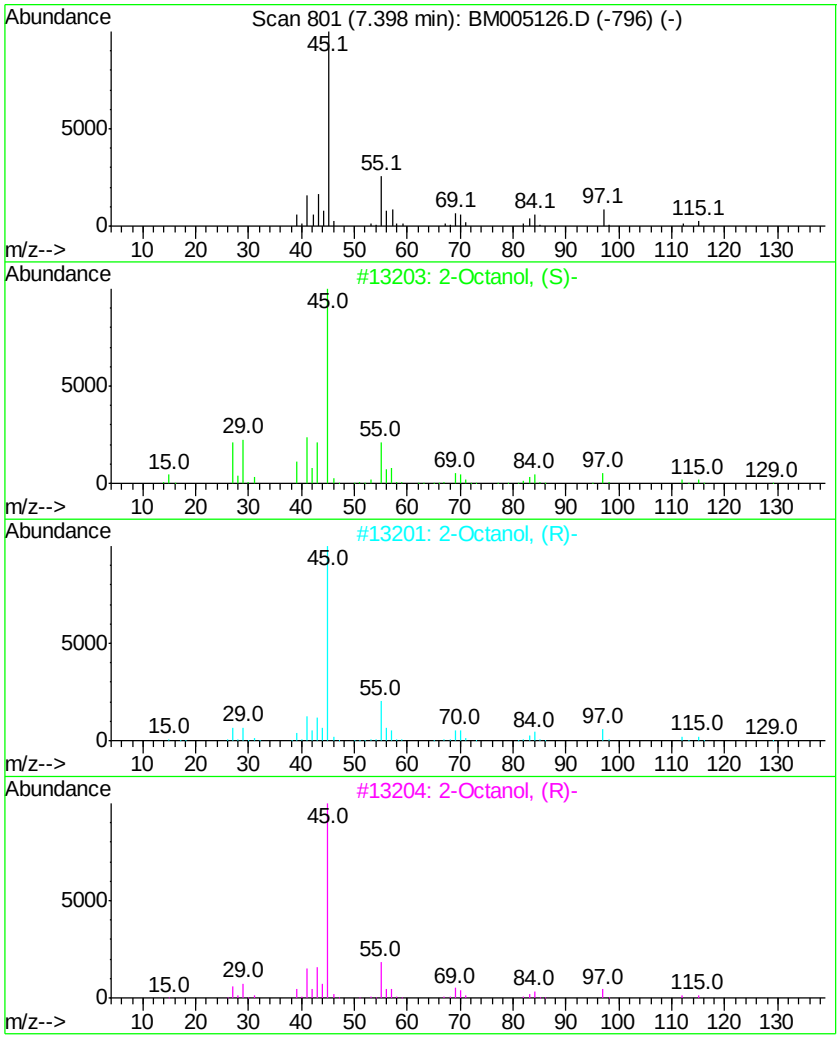
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

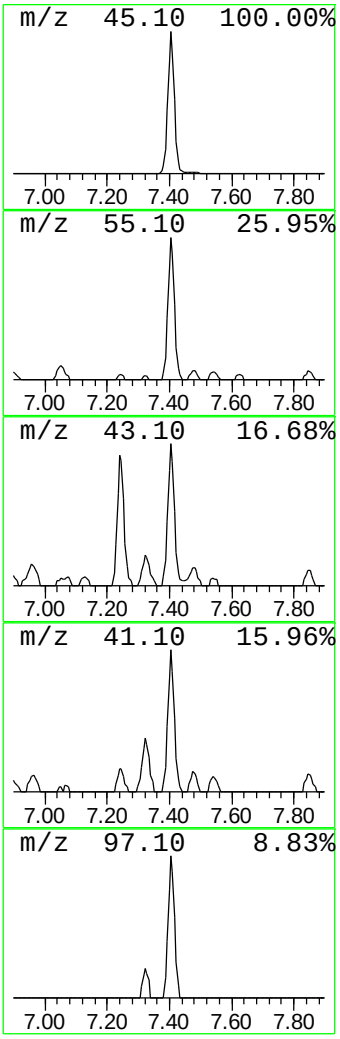
****

Peak Number 4 2-Octanol, (S)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	15.35 ng/ul	206178	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol, (S)-	130	C8H18O	006169-06-8	83
2	2-Octanol, (R)-	130	C8H18O	005978-70-1	83
3	2-Octanol, (R)-	130	C8H18O	005978-70-1	83
4	2-Octanol	130	C8H18O	000123-96-6	83
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	83





Library Search Compound Report

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Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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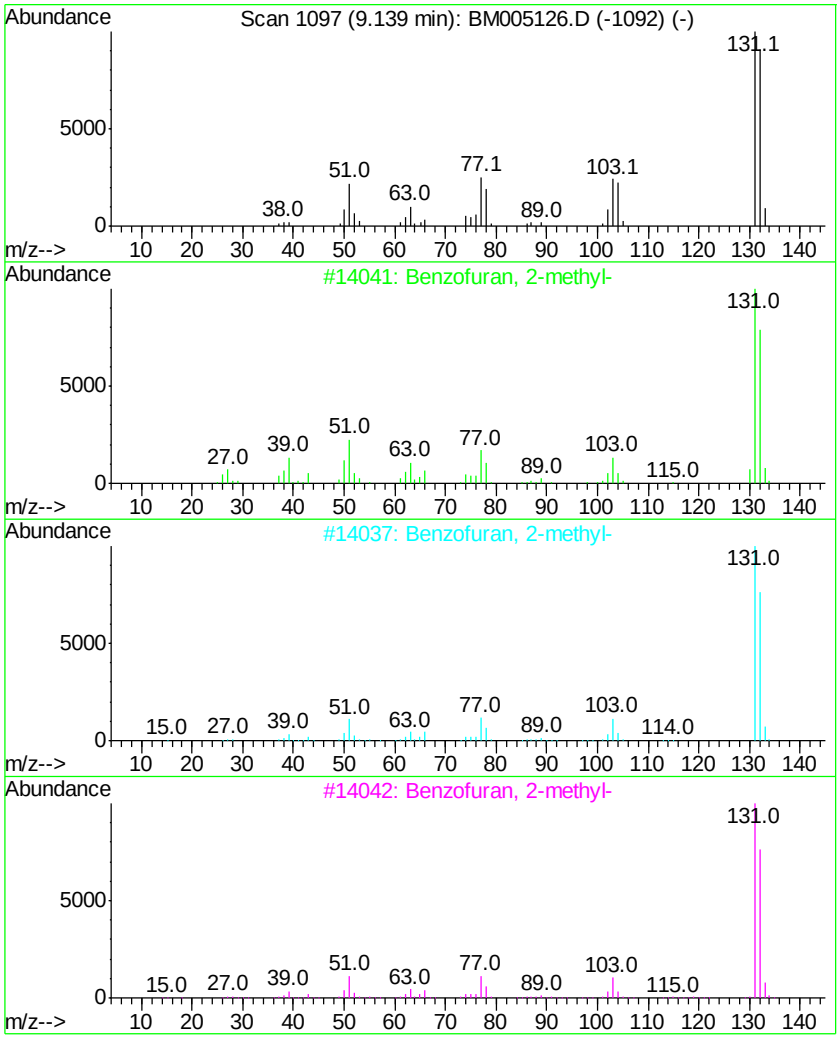
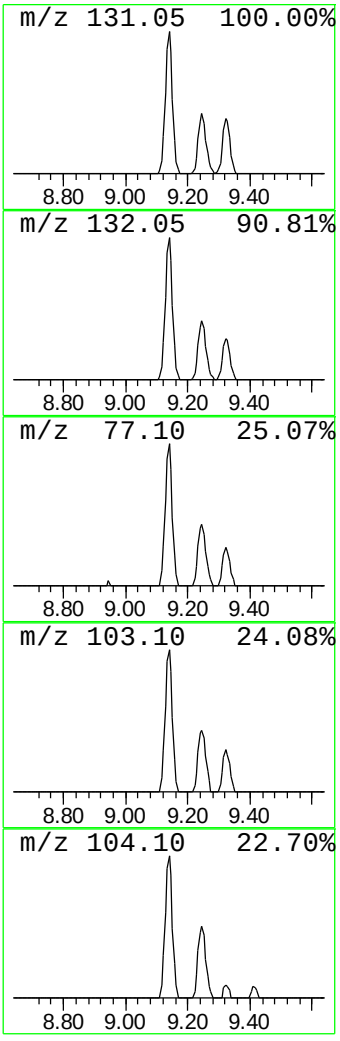
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	16.98 ng/ul	228096	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





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Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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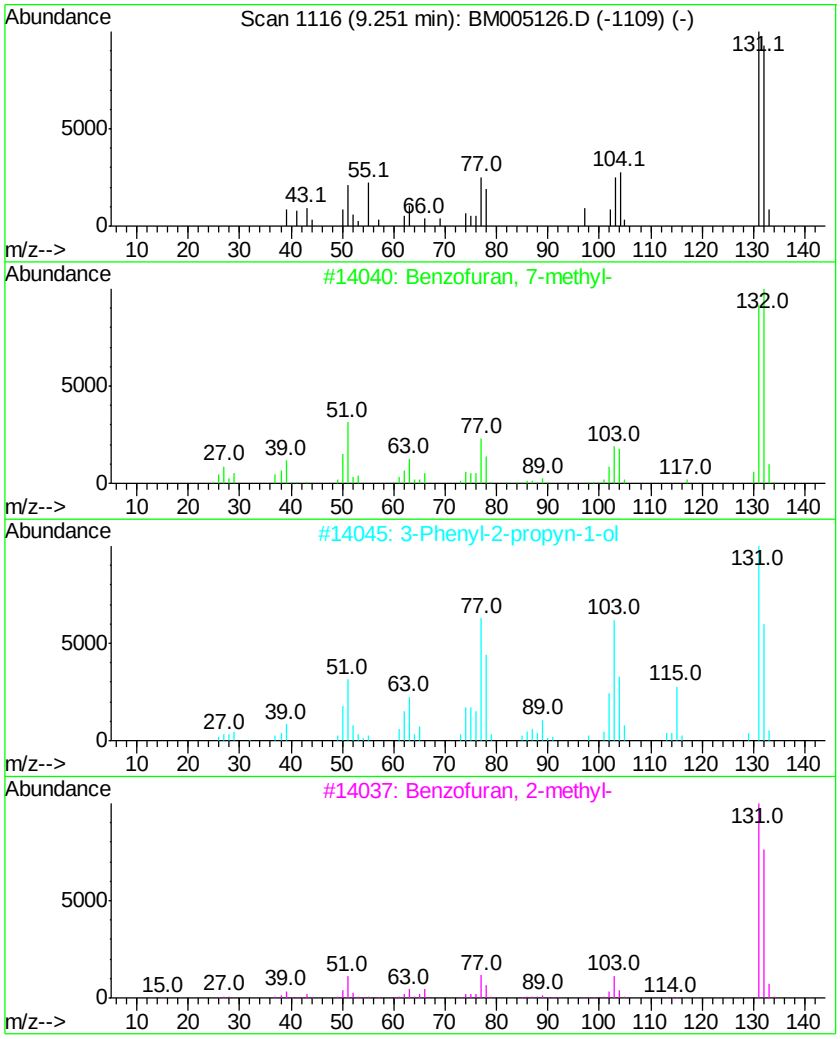
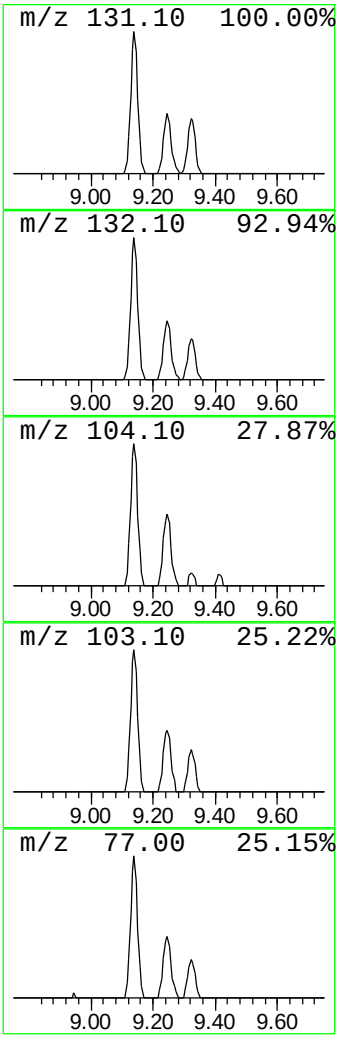
Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	4.26 ng/ul	92580	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Library Search Compound Report

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Data File : BM005126.D
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

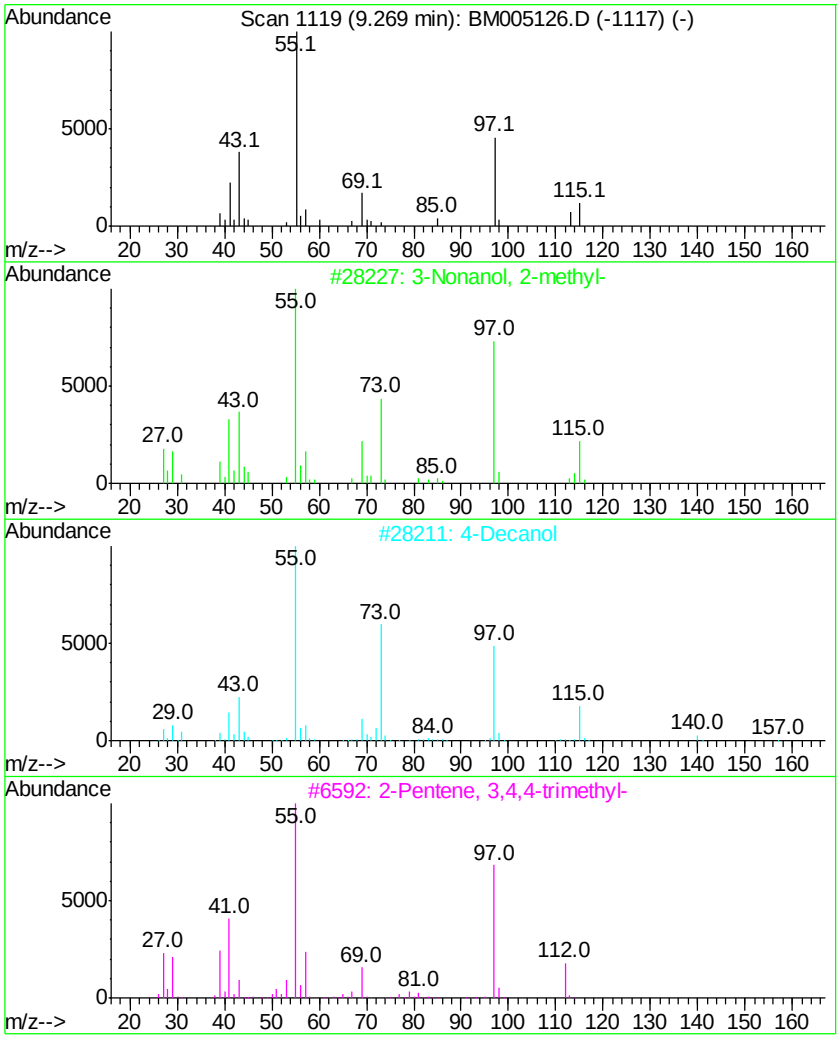
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

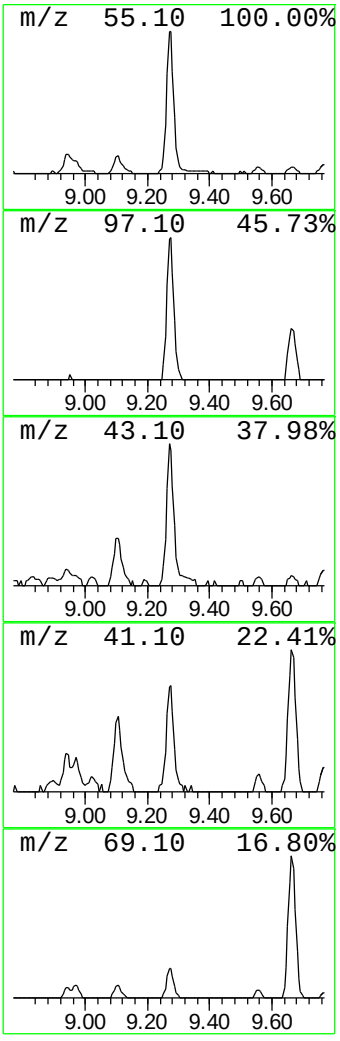
****

Peak Number 7 3-Nonanol, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	4.71 ng/ul	102266	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol, 2-methyl-	158	C10H22O	026533-33-5	53
2	4-Decanol	158	C10H22O	002051-31-2	50
3	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	42
4	1-Decyn-4-ol	154	C10H18O	027907-00-2	37
5	6-Dodecanol	186	C12H26O	006836-38-0	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005126.D
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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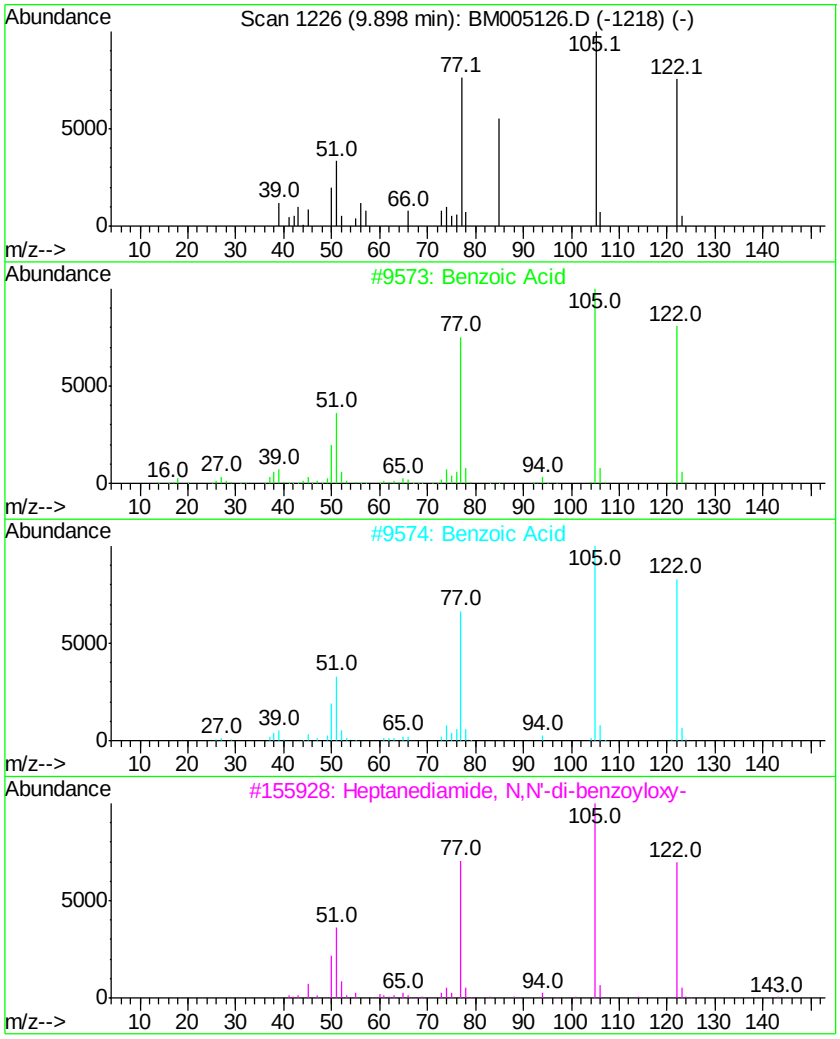
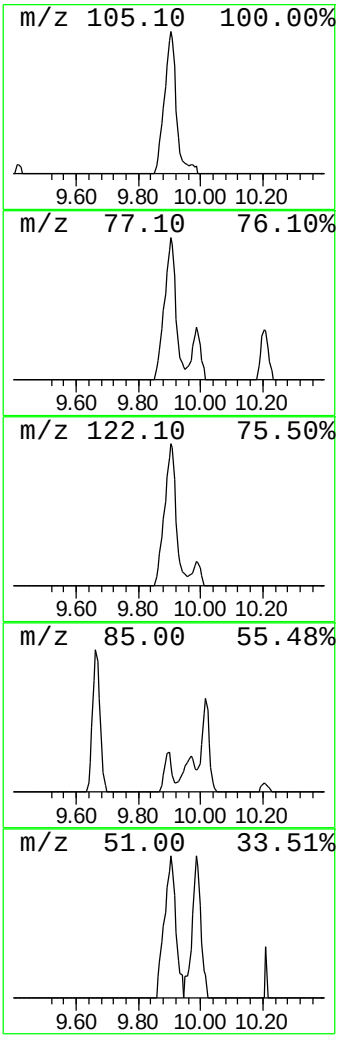
Peak Number 8 Benzoic Acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.59 ng/ul	78129	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic Acid	122	C7H6O2	000065-85-0	87
2	Benzoic Acid	122	C7H6O2	000065-85-0	87
3	Heptanediamide, N,N'-di-benzovloxv-	398	C21H22N2O6	1000253-26-4	80
4	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	72
5	Cyclopropanecarboxamide, N-benzo...	205	C11H11NO3	1000253-25-4	72





Library Search Compound Report

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Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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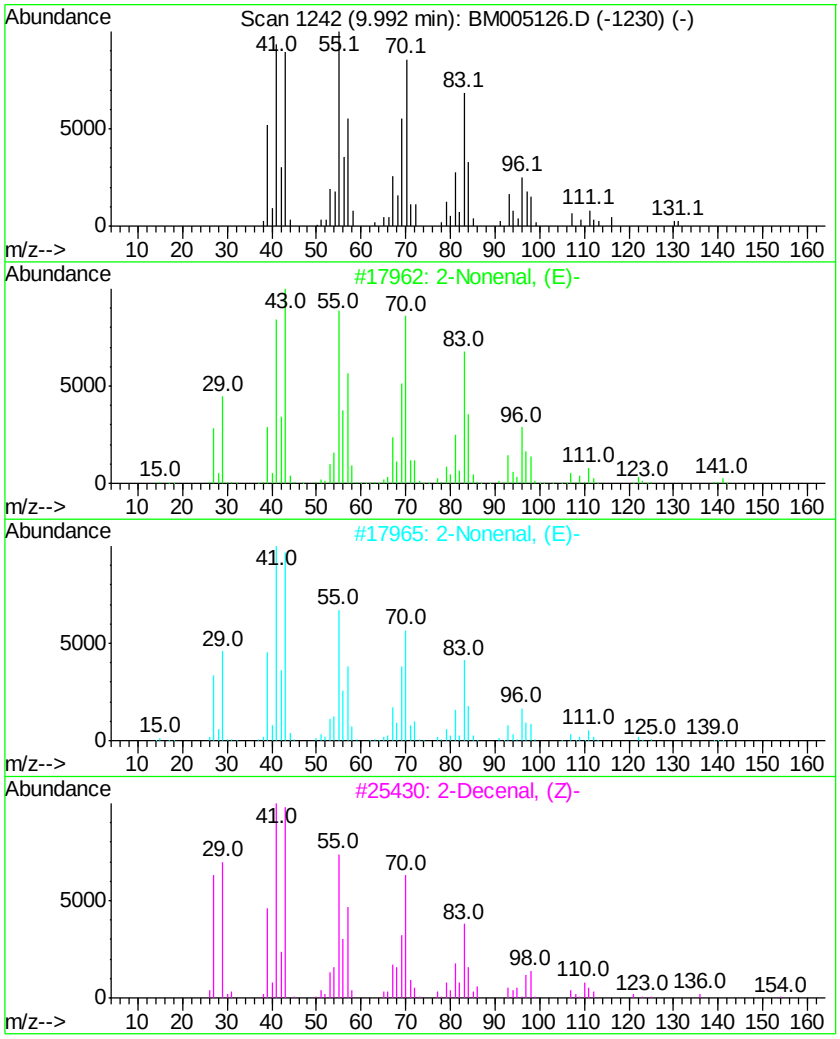
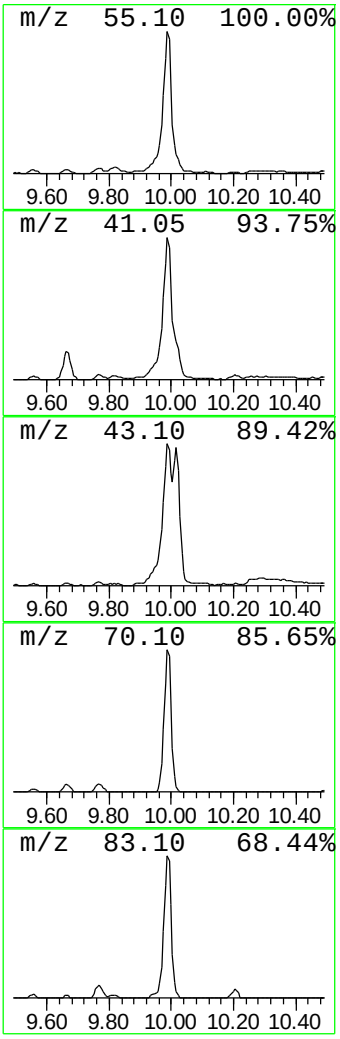
Peak Number 9 2-Nonenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	41.99 ng/ul	912747	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	91
2	2-Nonenal, (E)-	140	C9H16O	018829-56-6	64
3	2-Decenal, (Z)-	154	C10H18O	002497-25-8	52
4	1-Decanol	158	C10H22O	000112-30-1	47
5	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	38





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Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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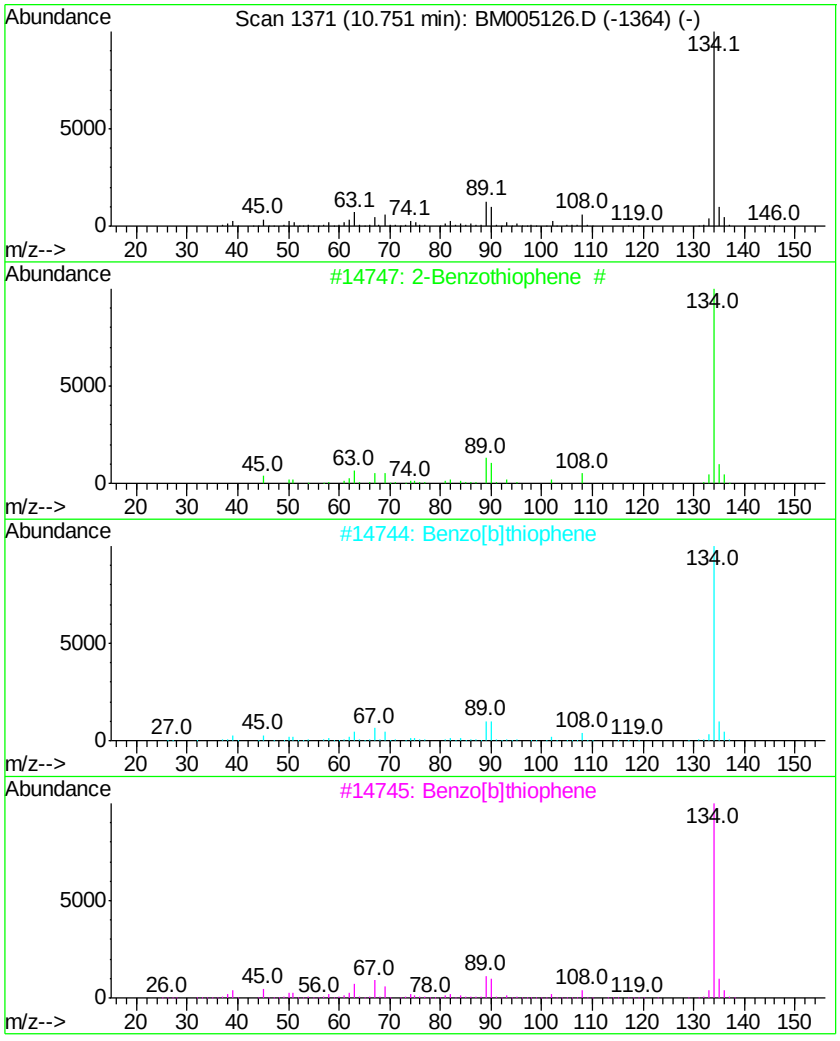
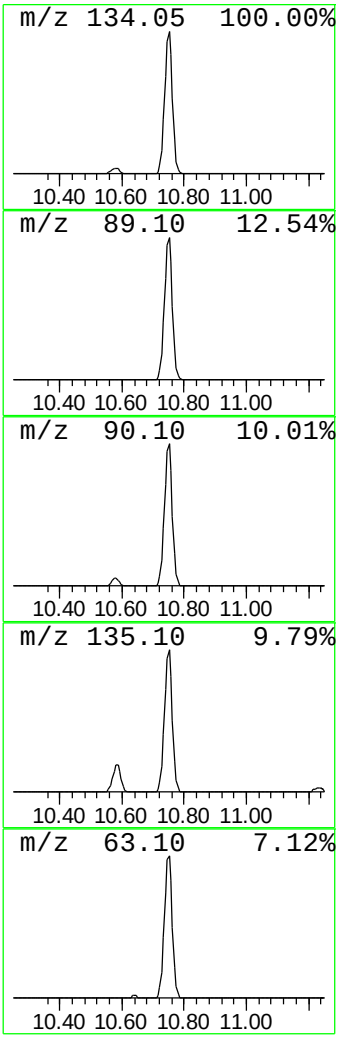
Peak Number 10 2-Benzothiophene # Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	52.23 ng/ul	1135140	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





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Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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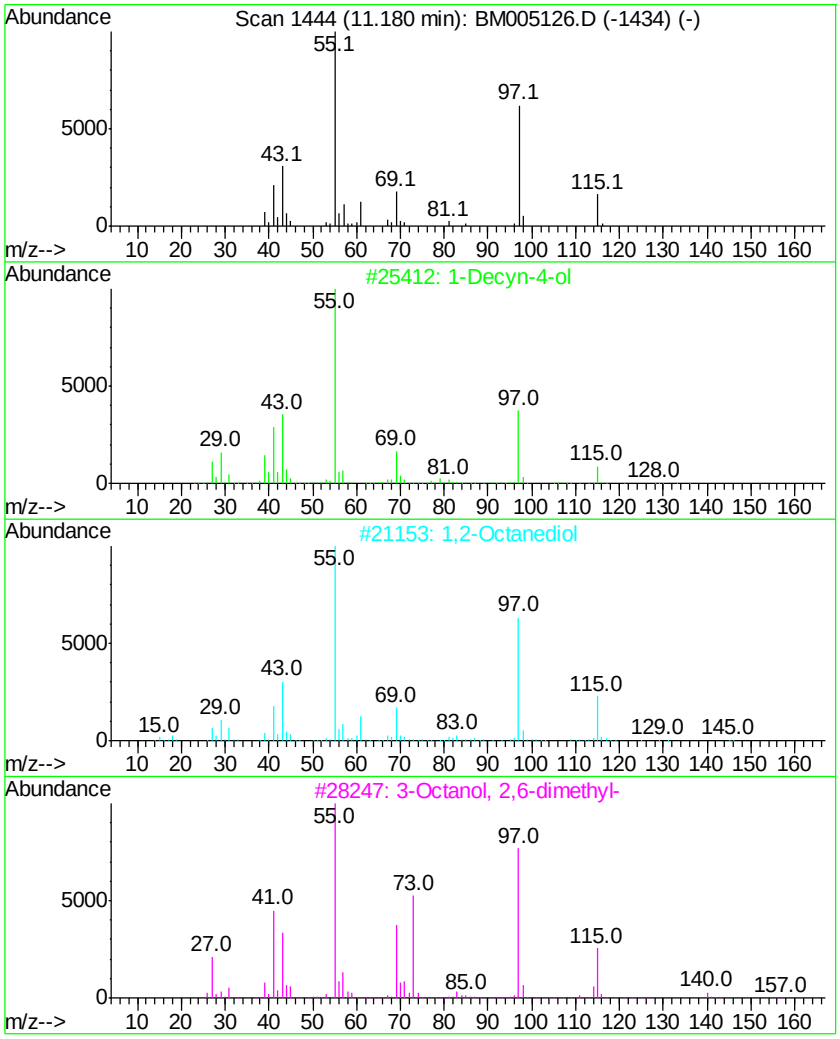
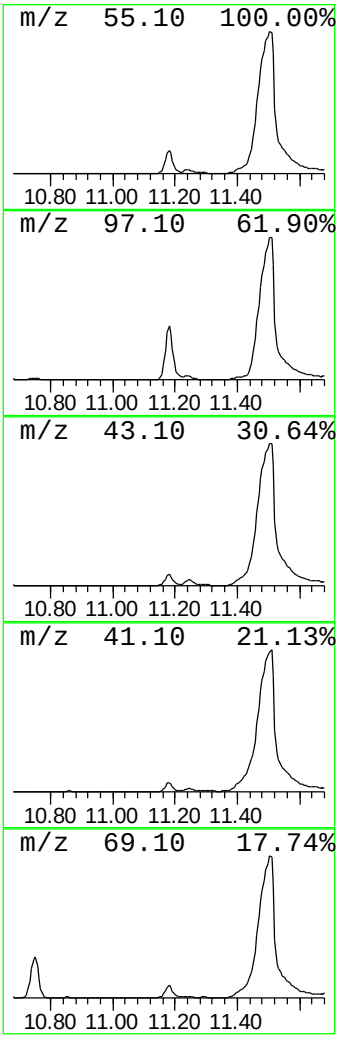
Peak Number 11 1-Decyn-4-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	7.93 ng/ul	172296	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decyn-4-ol	154	C10H18O	027907-00-2	56
2	1,2-Octanediol	146	C8H18O2	001117-86-8	53
3	3-Octanol, 2,6-dimethyl-	158	C10H22O	018479-55-5	53
4	4-Decanol	158	C10H22O	002051-31-2	53
5	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	50





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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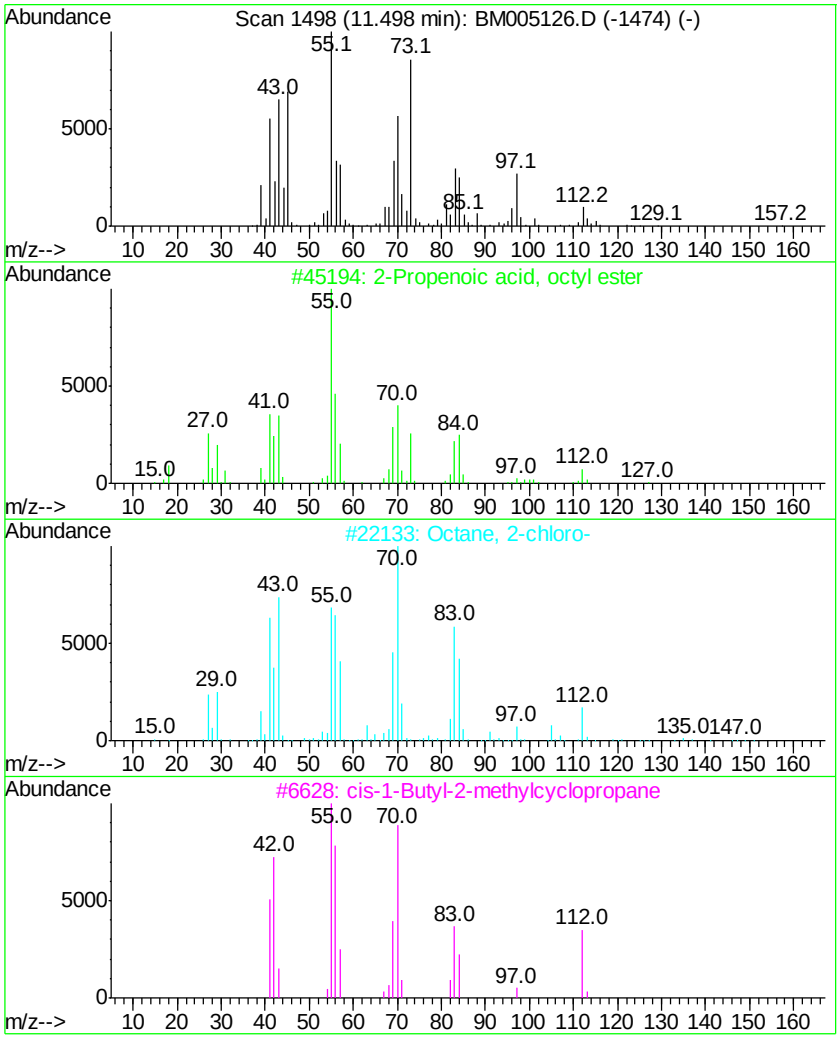
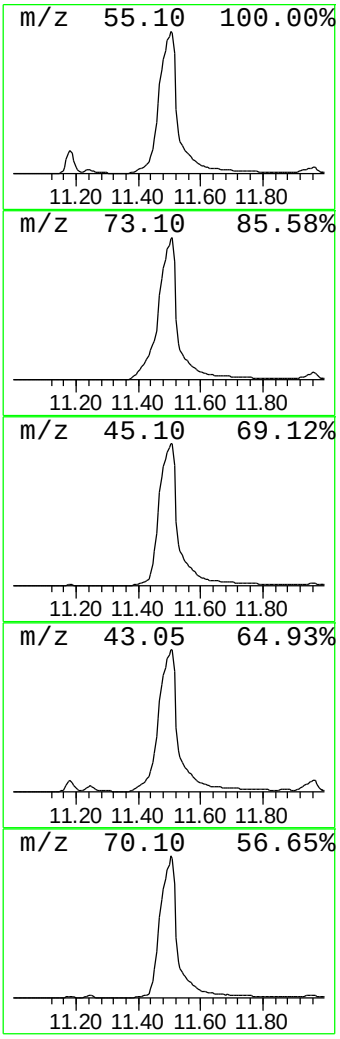
Peak Number 12 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	304.80 ng/ul	6624720	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, octyl ester	184	C11H20O2	002499-59-4	47
2	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	43
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
4	4-Octene, (E)-	112	C8H16	014850-23-8	38
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38





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Sample : H2639-11
Misc :
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Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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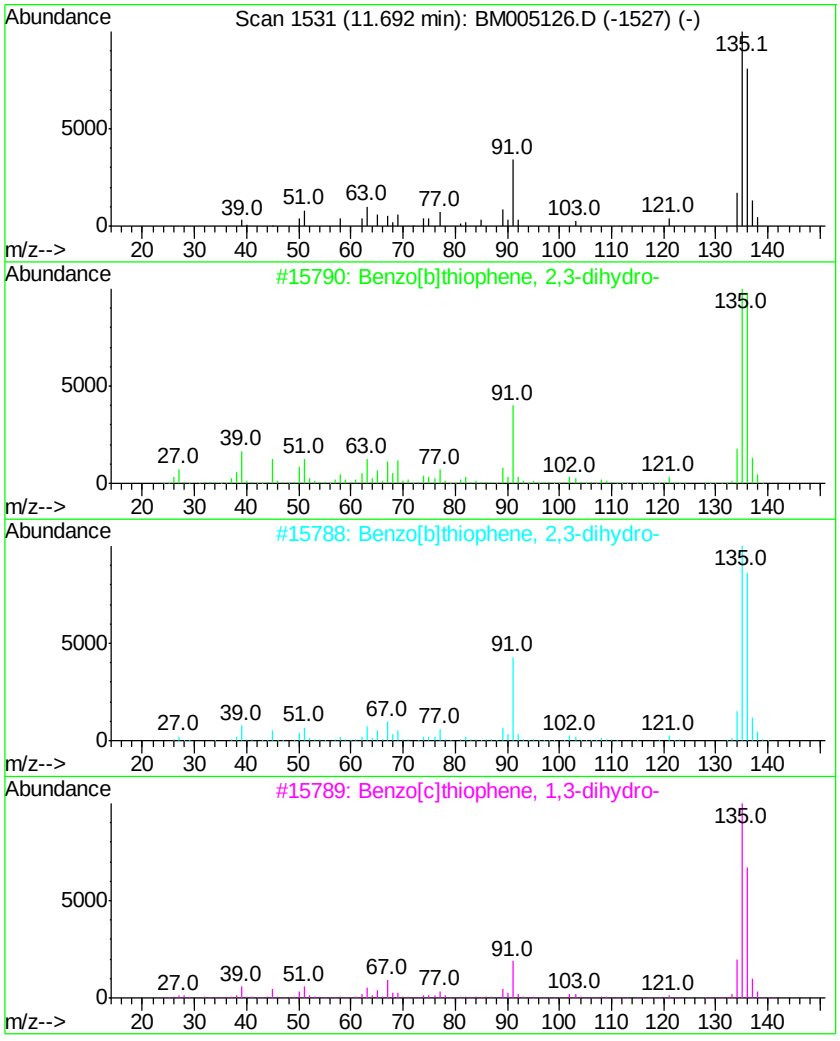
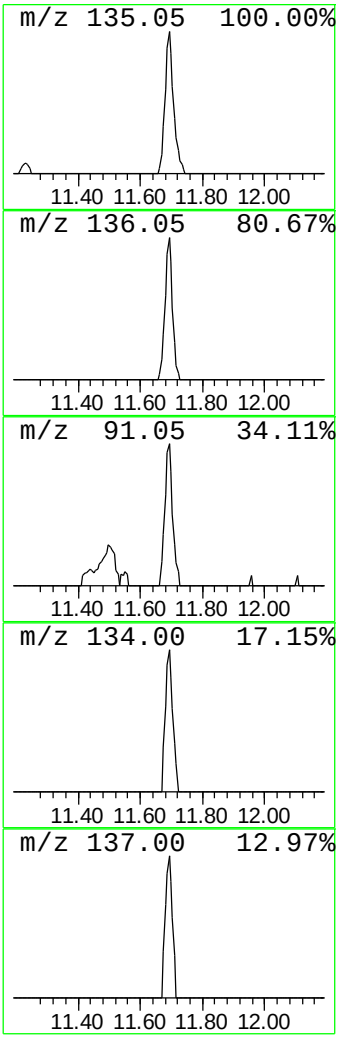
Peak Number 13 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.11 ng/ul	111051	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	80
4	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	72
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	72





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Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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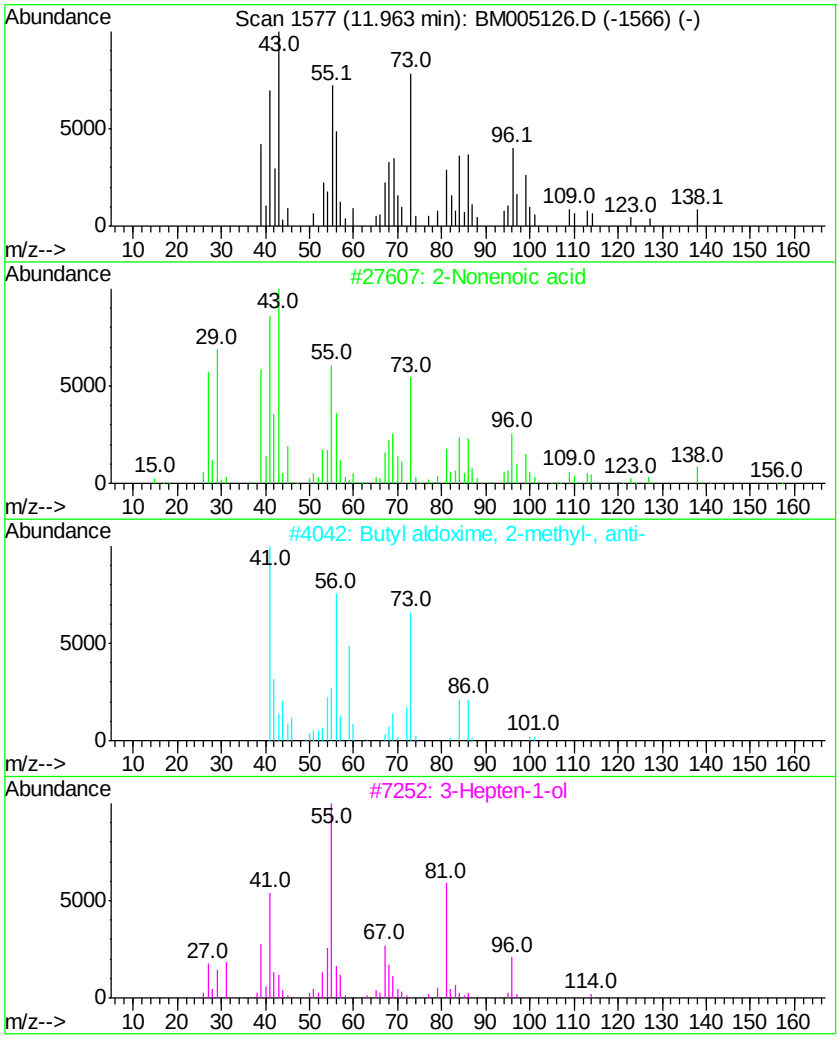
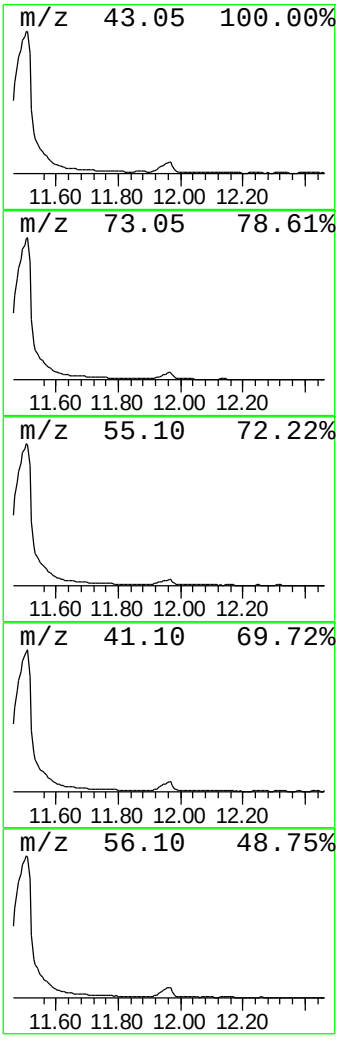
Peak Number 14 2-Nonenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	9.82 ng/ul	213447	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenoic acid	156	C9H16O2	003760-11-0	78
2	Butyl aldoxime, 2-methyl-, anti-	101	C5H11NO	049805-55-2	22
3	3-Hepten-1-ol	114	C7H14O	010606-47-0	22
4	1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	22
5	2-Hexenoic acid, (E)-	114	C6H10O2	013419-69-7	20





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Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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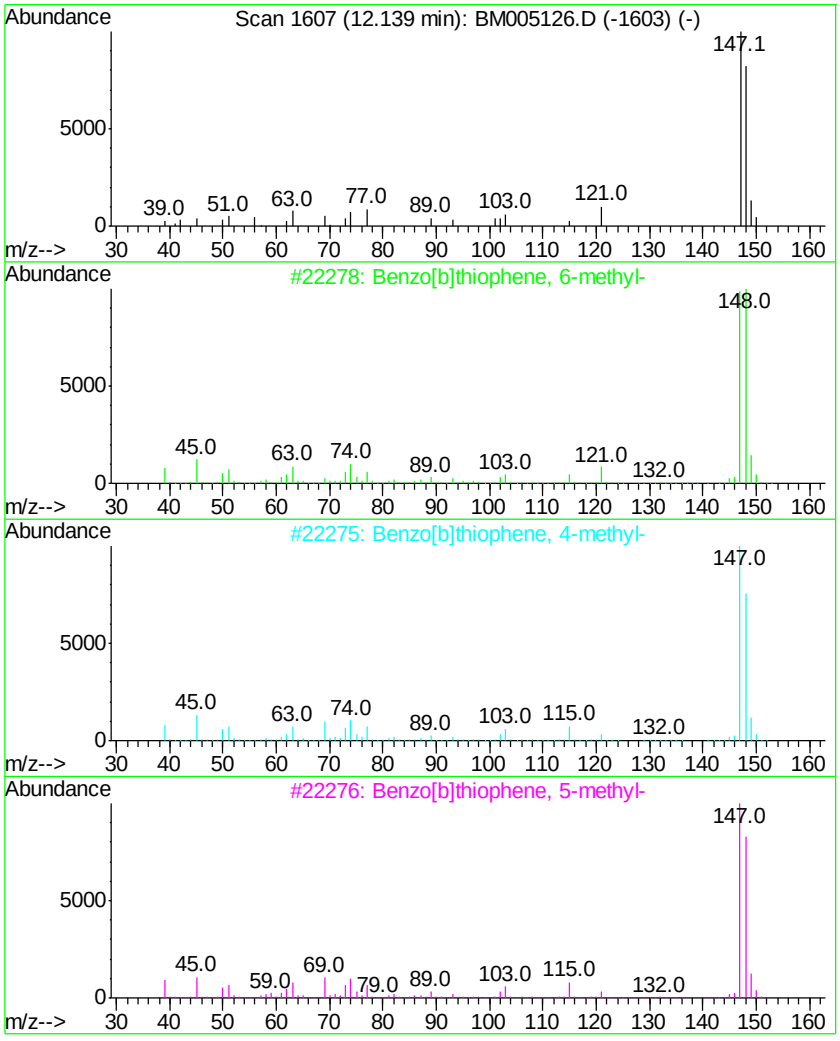
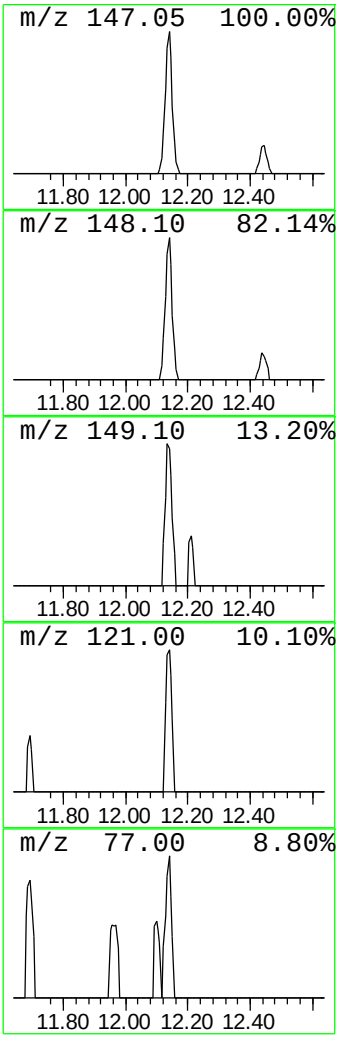
Peak Number 15 Benzo[b]thiophene, 6-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.08 ng/ul	67013	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
4	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	86
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86





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Misc :
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Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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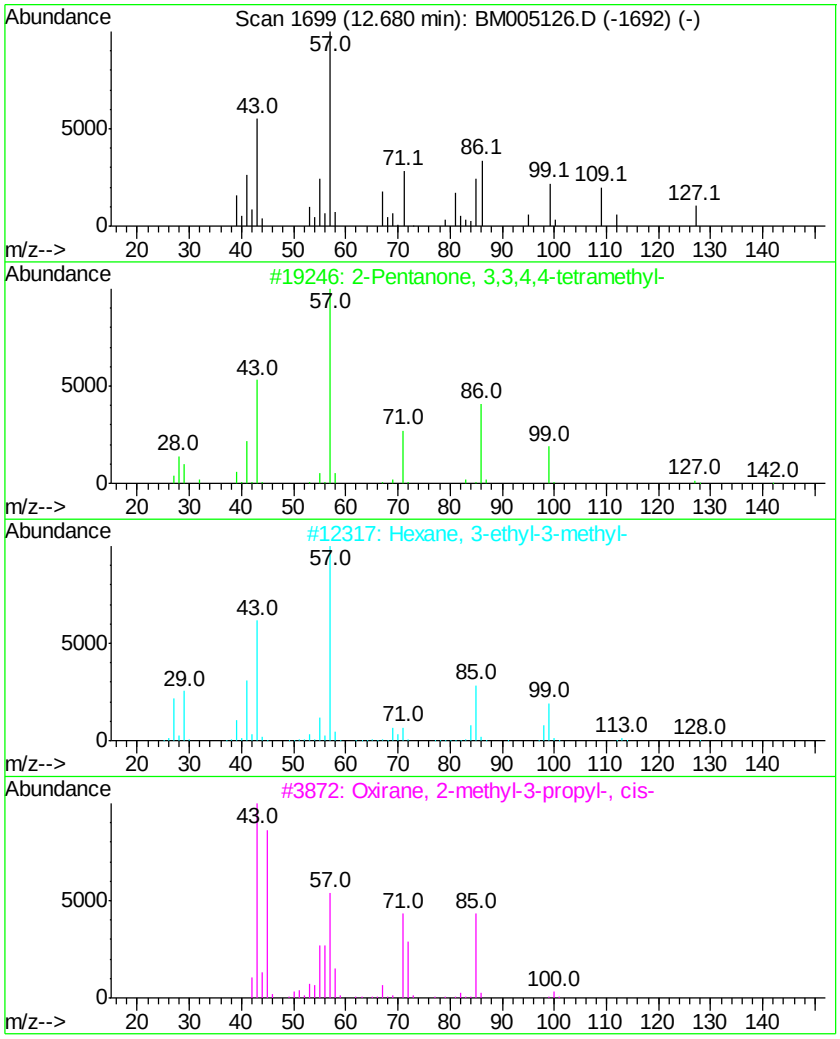
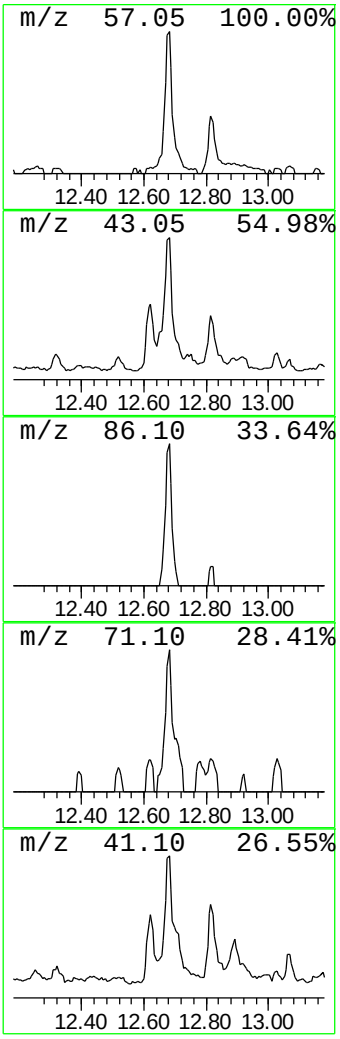
Peak Number 16 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.68 ng/ul	125523	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3,3,4,4-tetramethyl-	142	C9H18O	000865-66-7	43
2	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	17
3	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	14
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	12
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	12





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Sample : H2639-11
Misc :
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Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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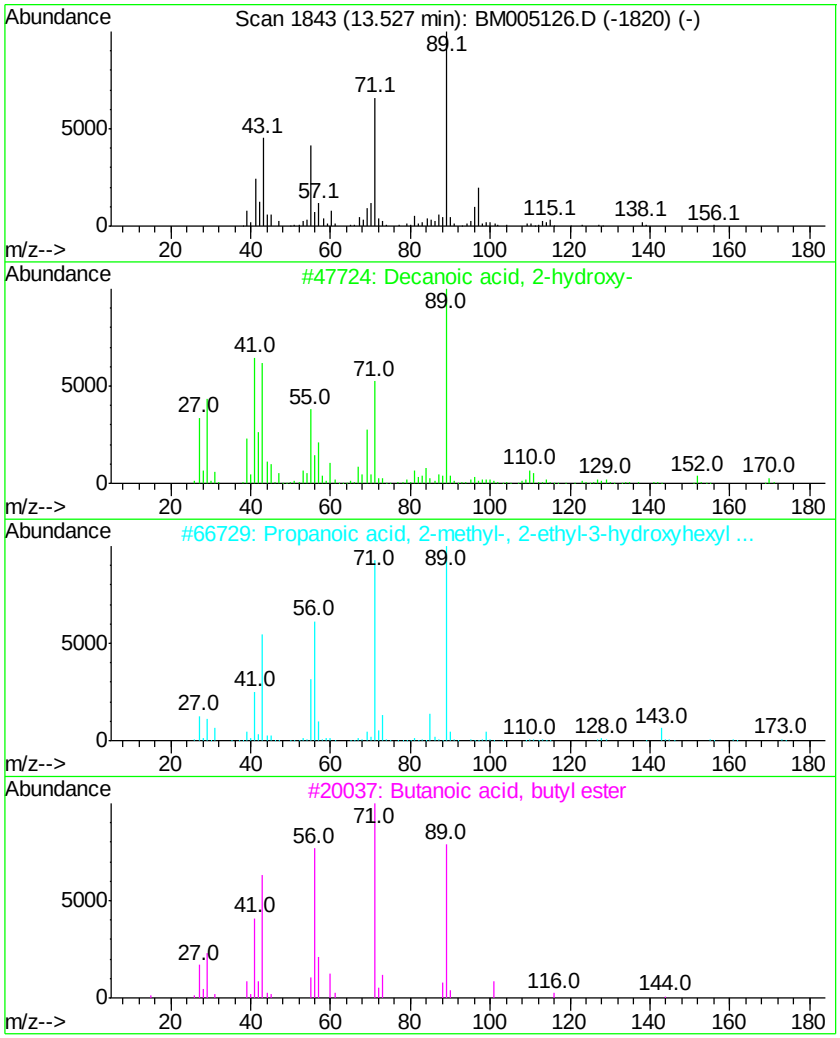
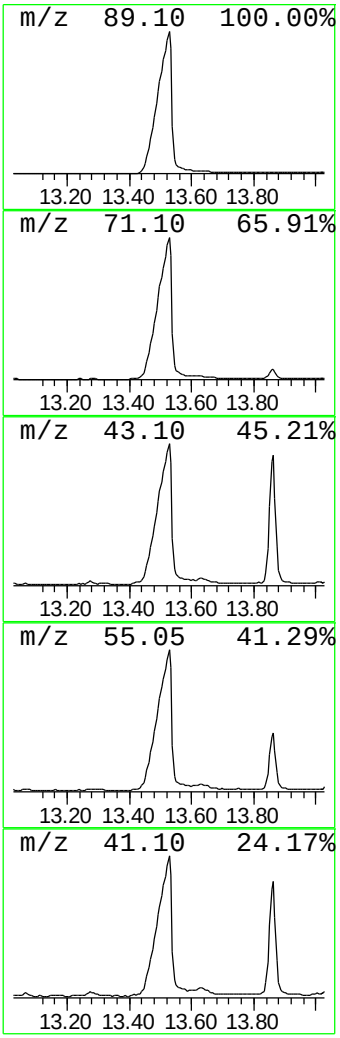
Peak Number 17 Decanoic acid, 2-hydroxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	61.92 ng/ul	2113190	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-	188	C10H20O3	005393-81-7	64
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56
4	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	50
5	2-Cyclopentene, 1,4-bis(methoxye...	276	C13H24O6	1000156-00-3	45





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Sample : H2639-11
Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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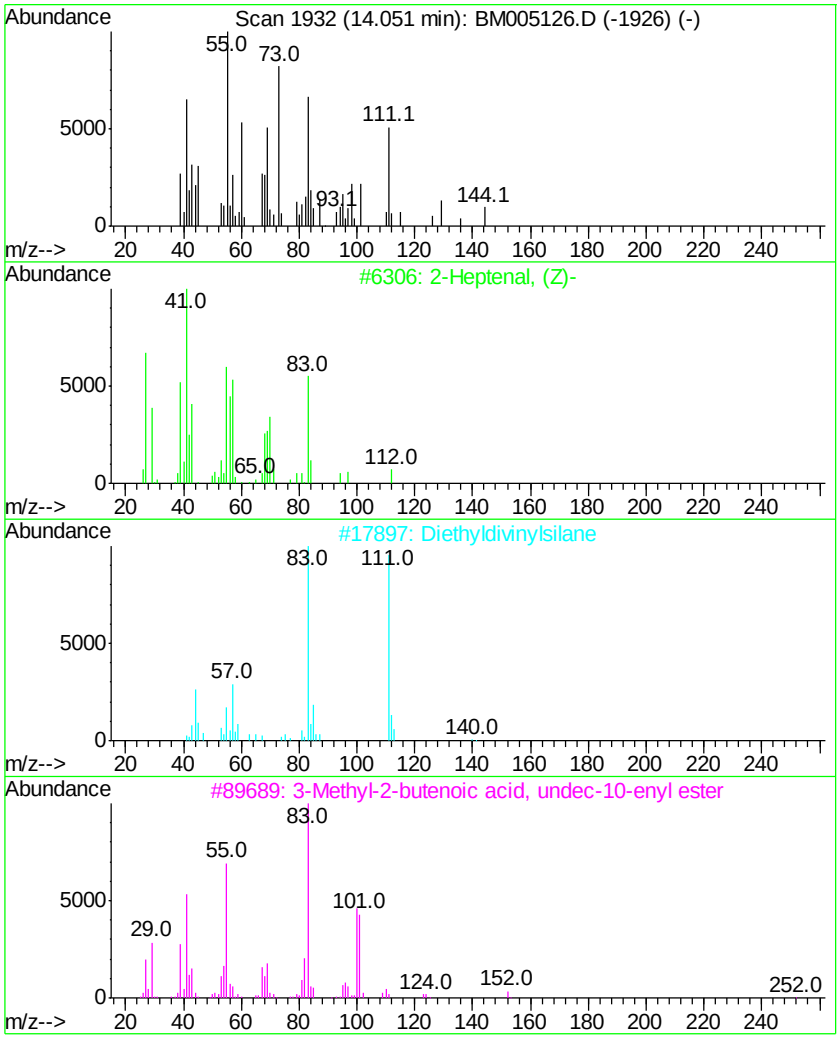
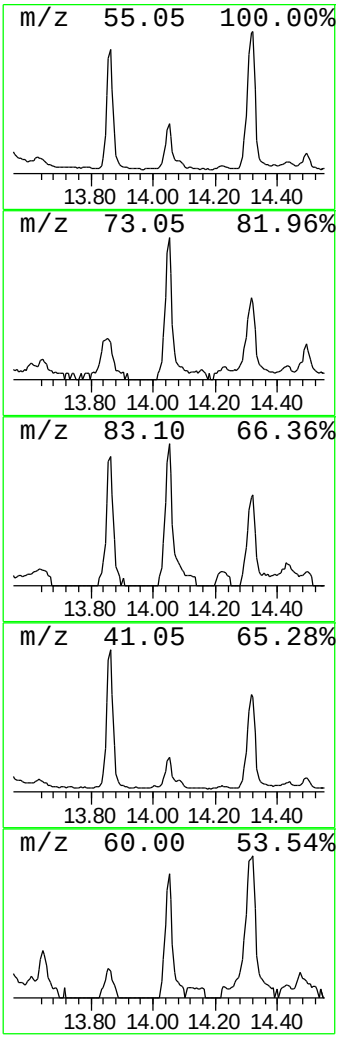
Peak Number 19 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	3.50 ng/ul	119351	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	25
2	Diethyldivinylsilane	140	C8H16Si	018270-16-1	22
3	3-Methyl-2-butenoic acid, undec-...	252	C16H28O2	1000279-24-5	14
4	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	11
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	11





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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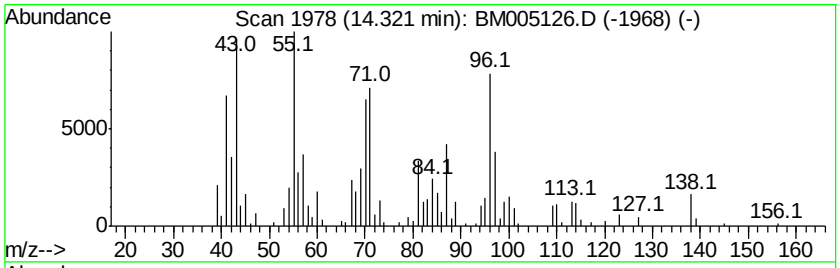
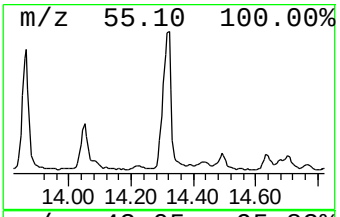
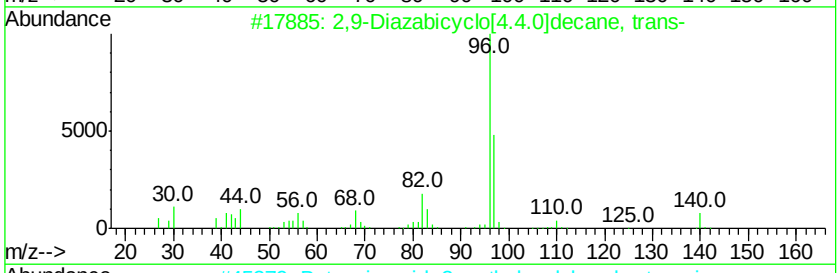
Peak Number 20 unknown-04 Concentration Rank 10

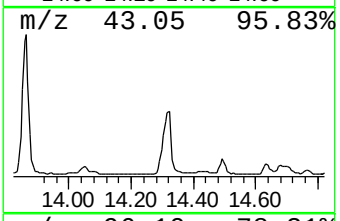
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	16.68 ng/ul	569338	Acenaphthene-d10	14.43

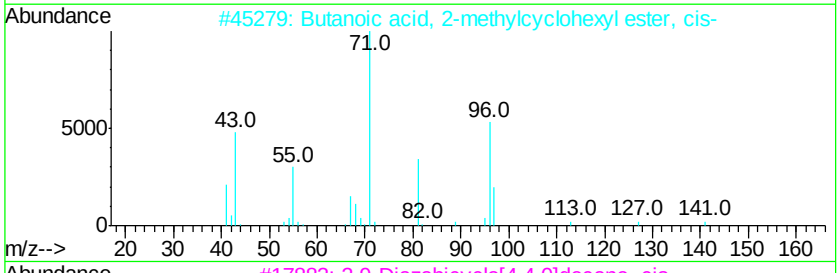
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,9-Diazabicyclo[4.4.0]decane, t...	140	C8H16N2	013623-82-0	27
2	Butanoic acid, 2-methylcyclohexy...	184	C11H20O2	054714-35-1	27
3	2,9-Diazabicyclo[4.4.0]decane, cis-	140	C8H16N2	093955-52-3	27
4	2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	22
5	Isooctane, (ethenyloxy)-	156	C10H20O	037769-62-3	18

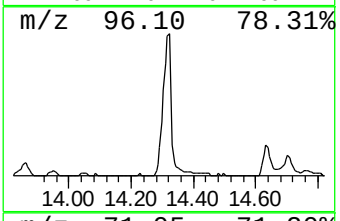


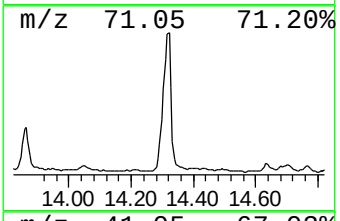


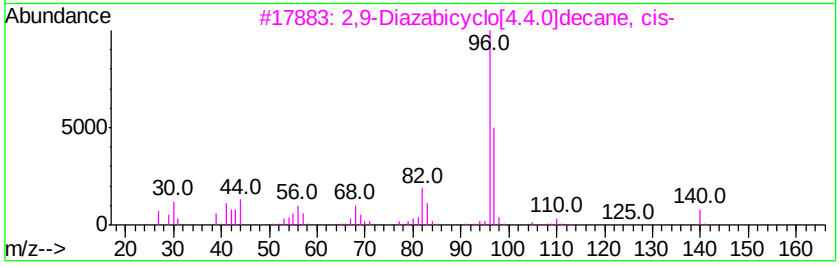


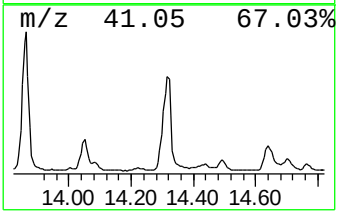












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Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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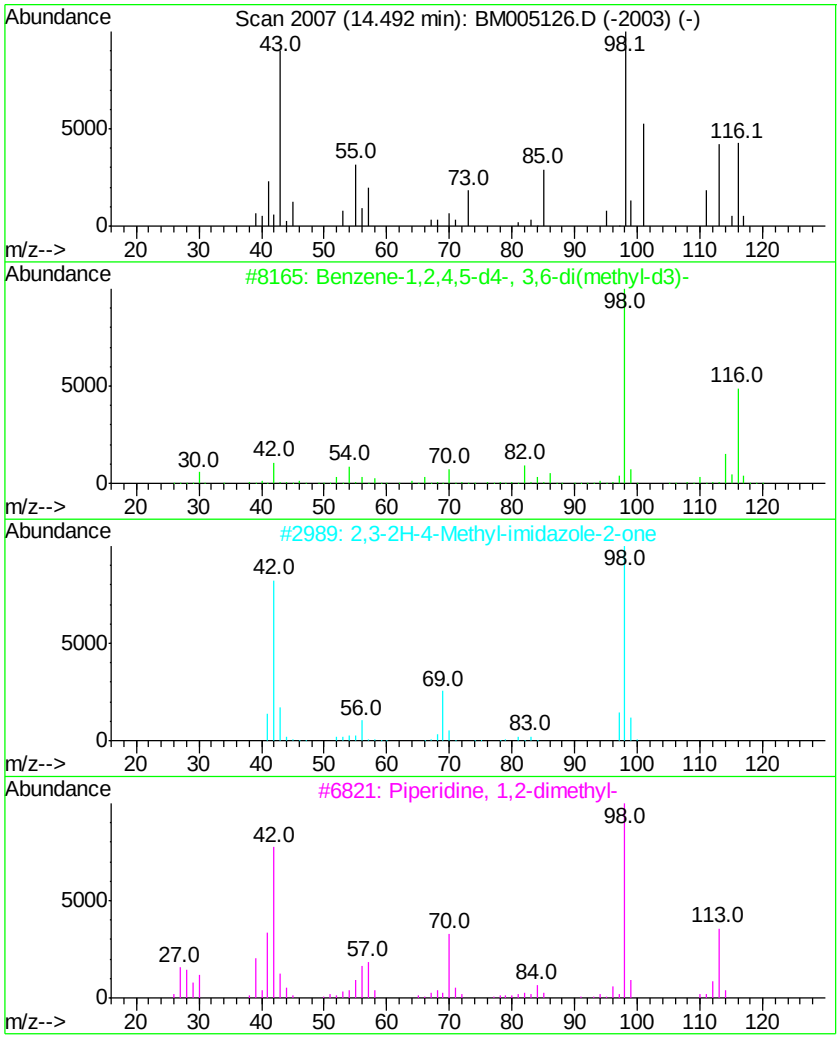
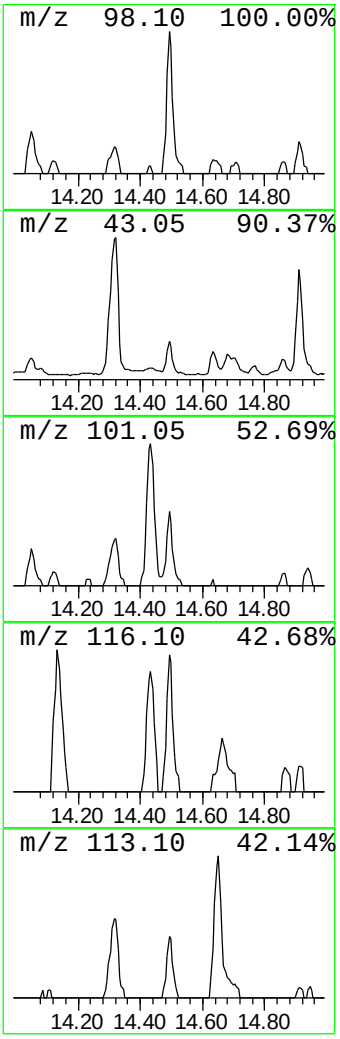
Peak Number 21 unknown-05 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.01 ng/ul	68438	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-1,2,4,5-d4-, 3,6-di(meth...	116	C8D10	041051-88-1	38
2	2,3-2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	25
3	Piperidine, 1,2-dimethyl-	113	C7H15N	000671-36-3	23
4	3-Isoxazolamine, 5-methyl-	98	C4H6N2O	001072-67-9	22
5	Piperidin-1-yl-acetic acid (2,2-...	353	C17H21Cl2N3O	340295-40-1	10





Library Search Compound Report

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Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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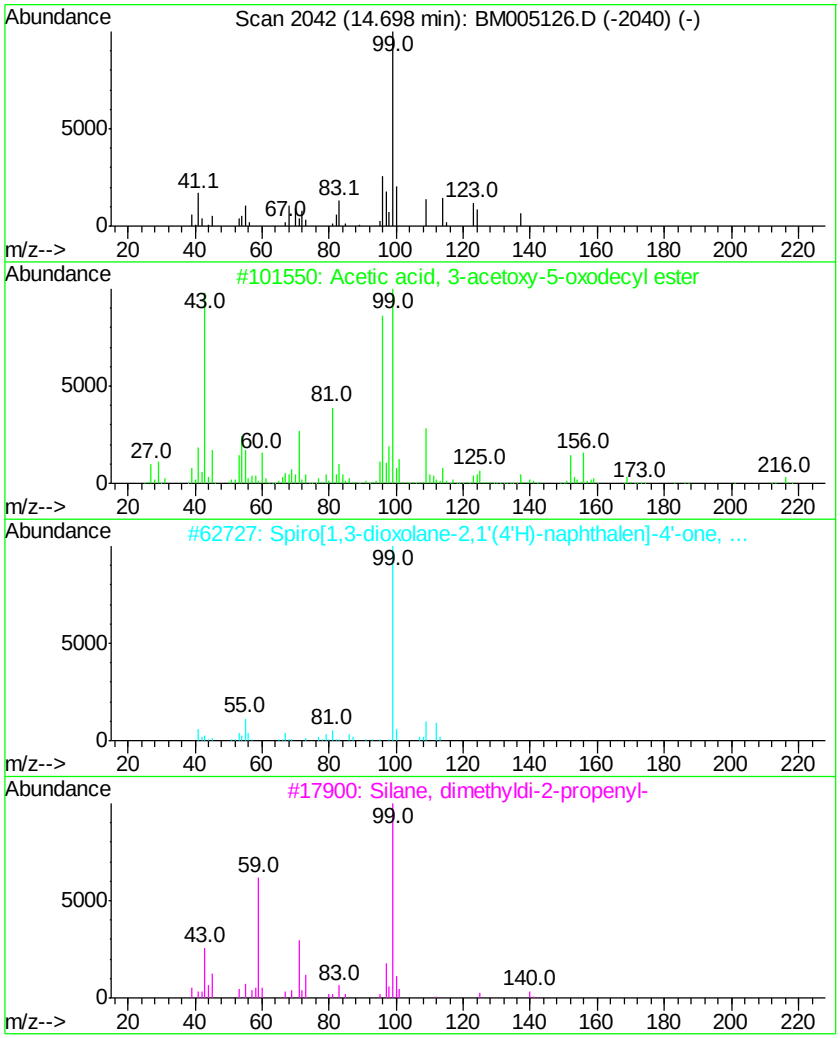
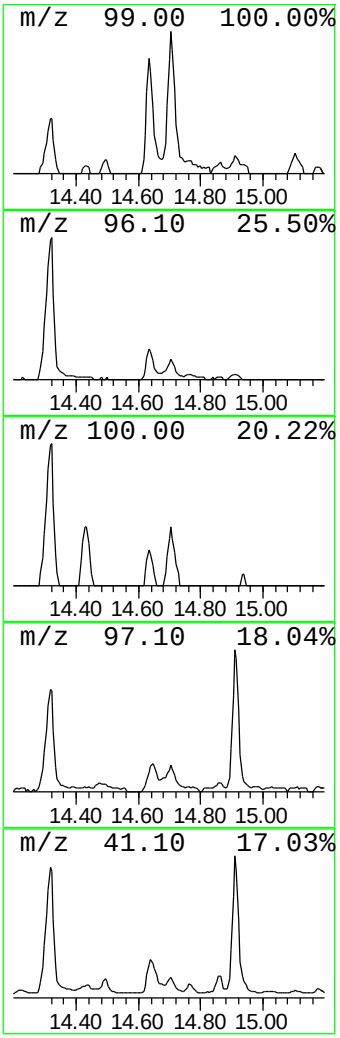
Peak Number 22 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.87 ng/ul	98027	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-acetoxy-5-oxodecy...	272	C14H24O5	1000185-91-9	38
2	Spiro[1,3-dioxolane-2,1'(4'H)-na...	210	C12H18O3	021727-93-5	38
3	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	28
4	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	25
5	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	25





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Sample : H2639-11
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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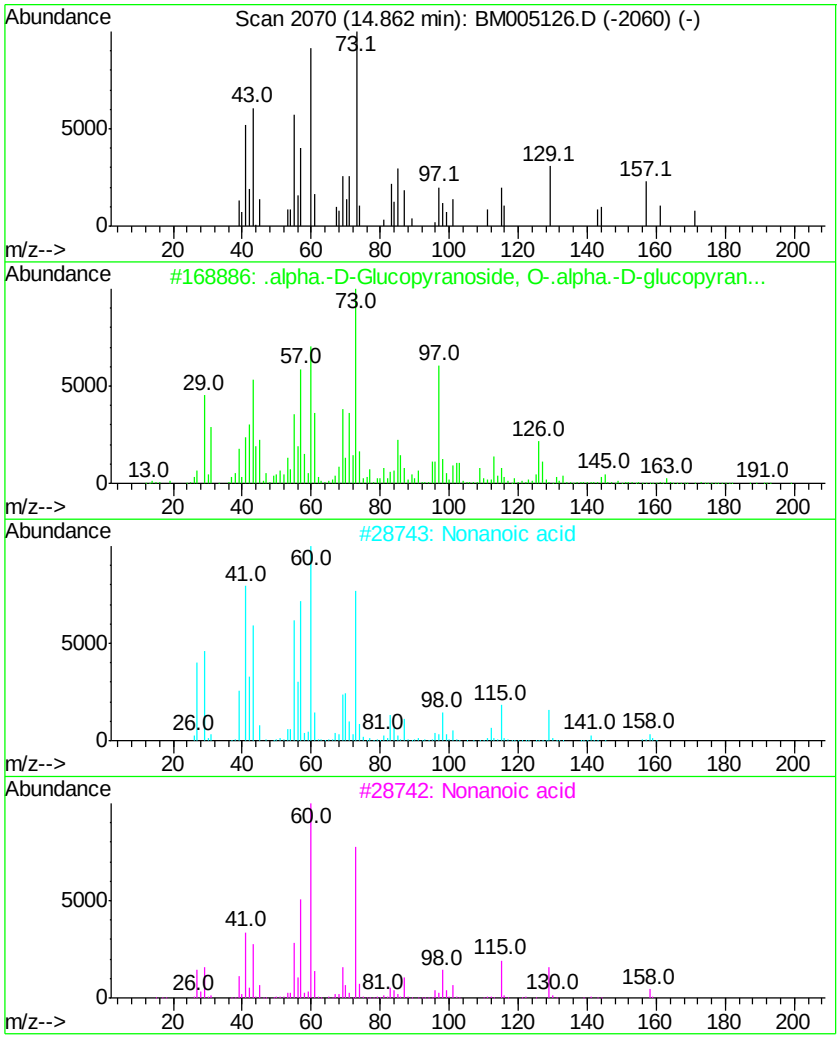
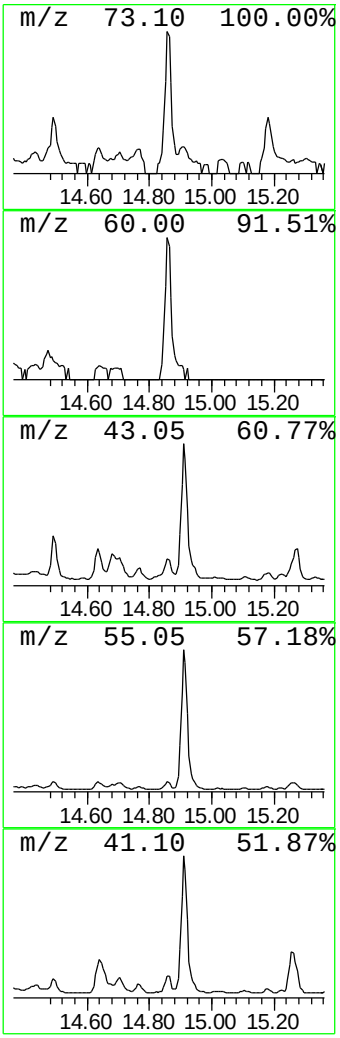
Peak Number 23 unknown-07 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.12 ng/ul	72272	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-D-Glucopyranoside, O-.al...	504	C18H32O16	000597-12-6	43
2	Nonanoic acid	158	C9H18O2	000112-05-0	38
3	Nonanoic acid	158	C9H18O2	000112-05-0	38
4	Lactose	342	C12H22O11	000063-42-3	38
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	37





Library Search Compound Report

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Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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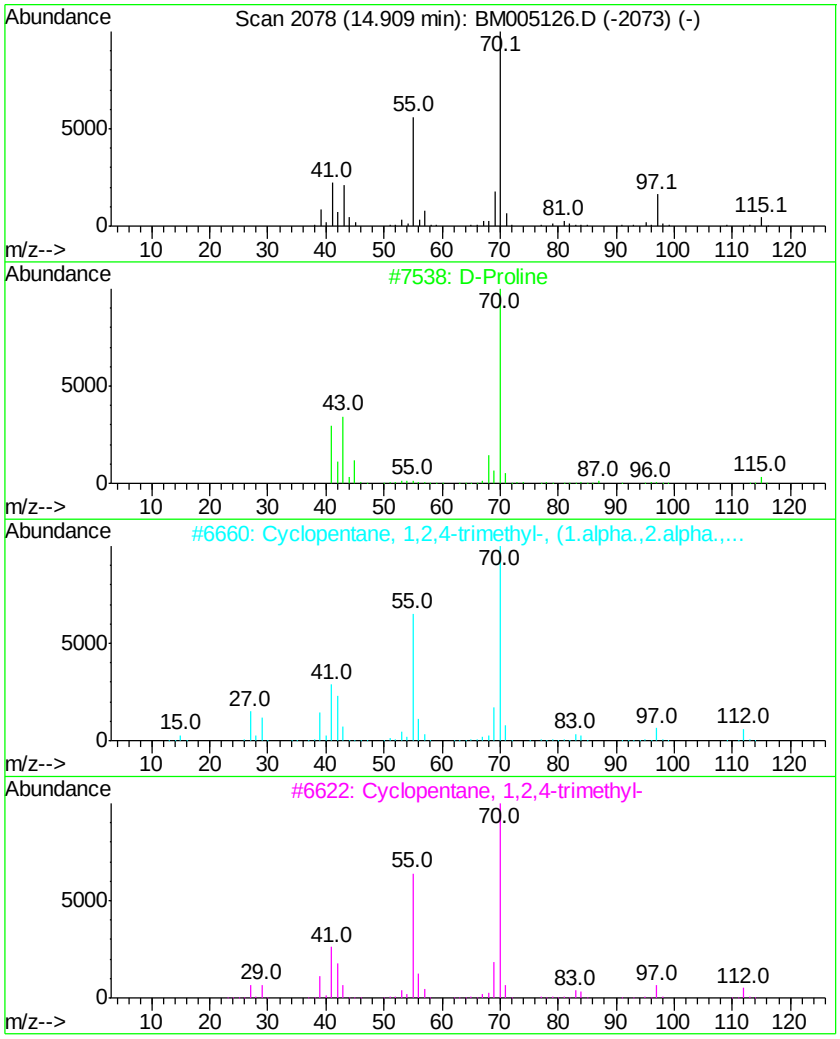
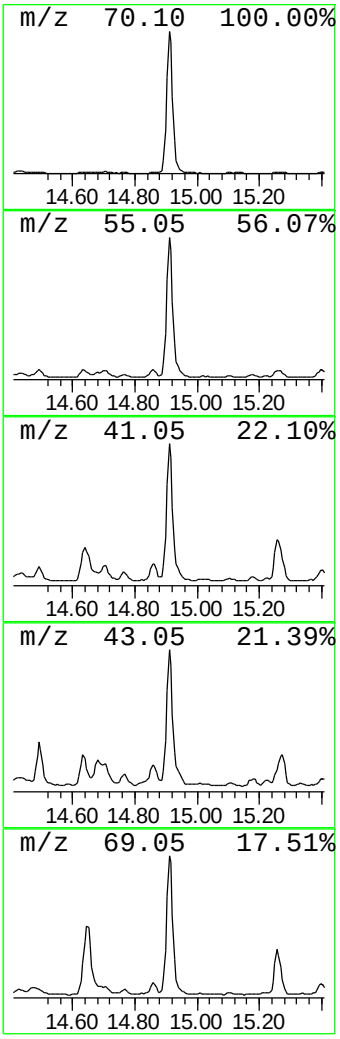
Peak Number 24 D-Proline Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	12.01 ng/ul	409924	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Proline	115	C5H9NO2	000344-25-2	59
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	56
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	56
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	56
5	Proline	115	C5H9NO2	000147-85-3	53





Library Search Compound Report

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Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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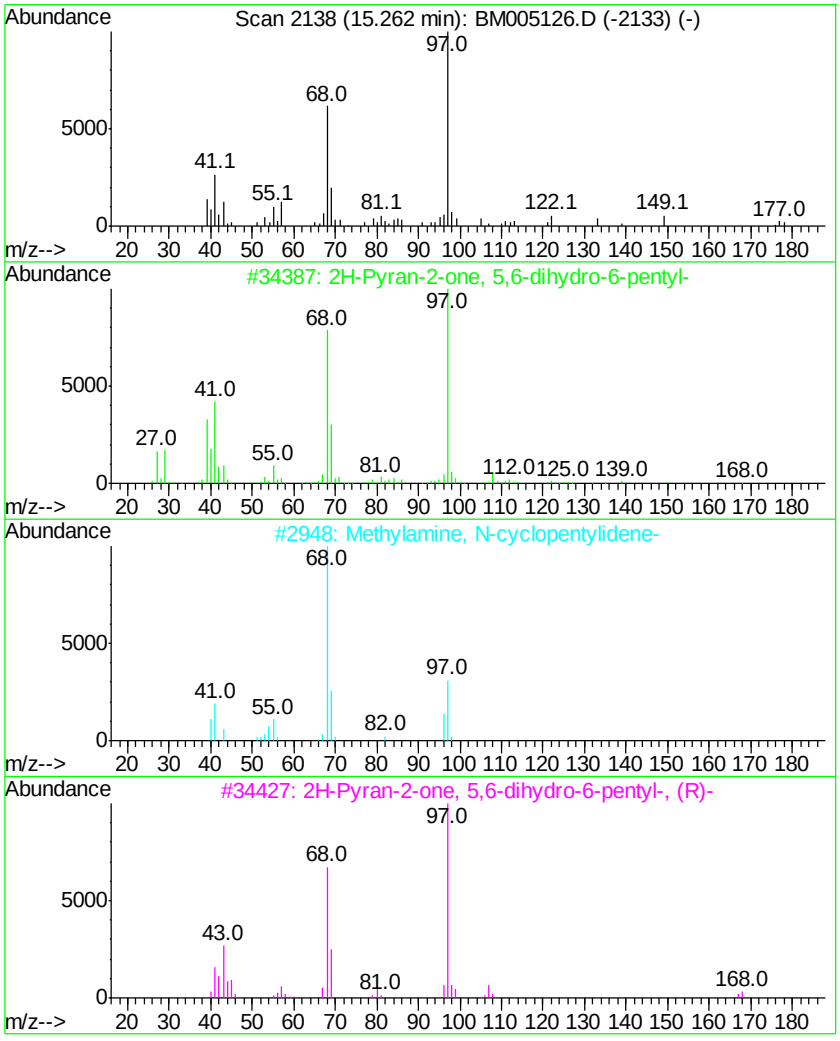
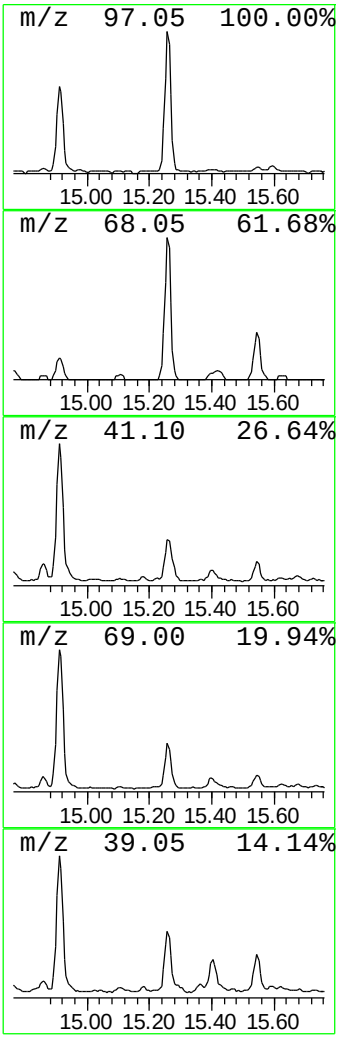
Peak Number 25 2H-Pyran-2-one, 5,6-dihydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	6.00 ng/ul	204878	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	72
2	Methylamine, N-cyclopentylidene-	97	C6H11N	010599-83-4	59
3	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	051154-96-2	50
4	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	45
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	43





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Acq On : 28 Apr 2016 22:40
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Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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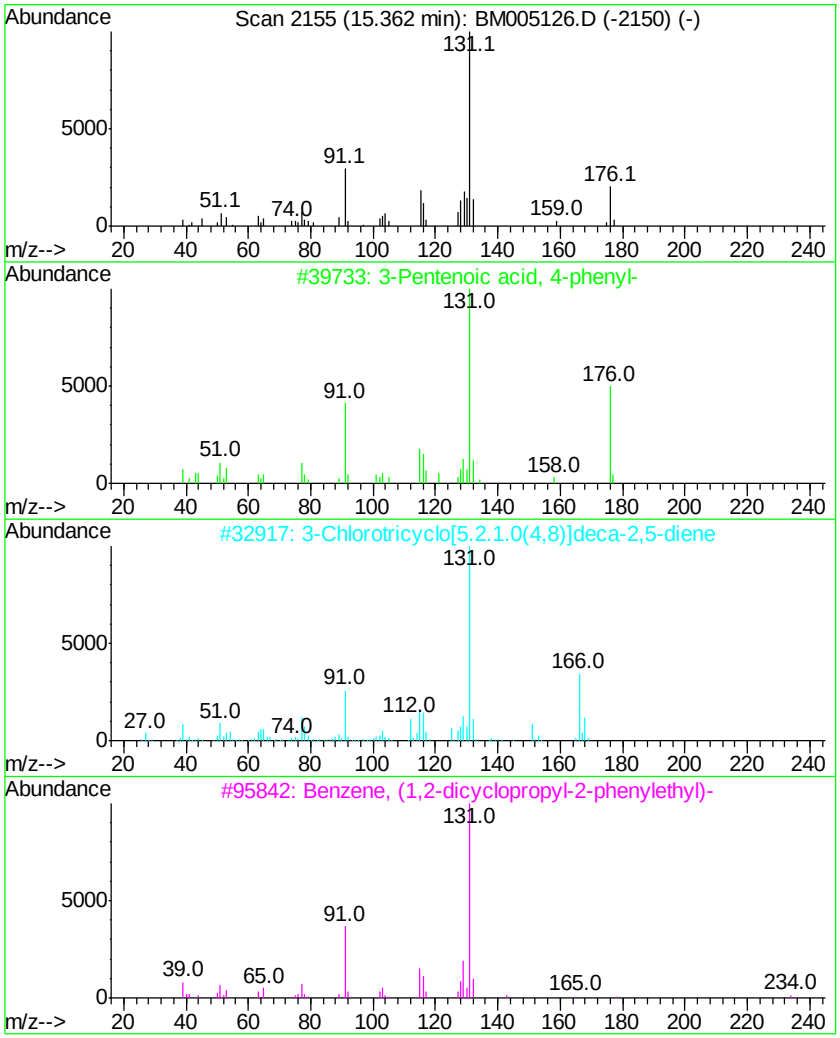
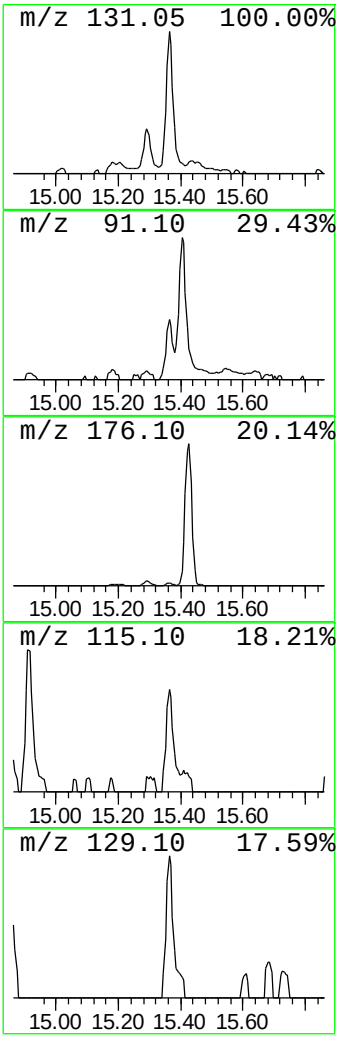
Peak Number 26 3-Pentenoic acid, 4-phenyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.10 ng/ul	71687	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	90
2	3-Chlorotricyclo[5.2.1.0(4,8)]de...	166	C10H11Cl	074876-43-0	72
3	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	72
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	64





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Sample : H2639-11
Misc :
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Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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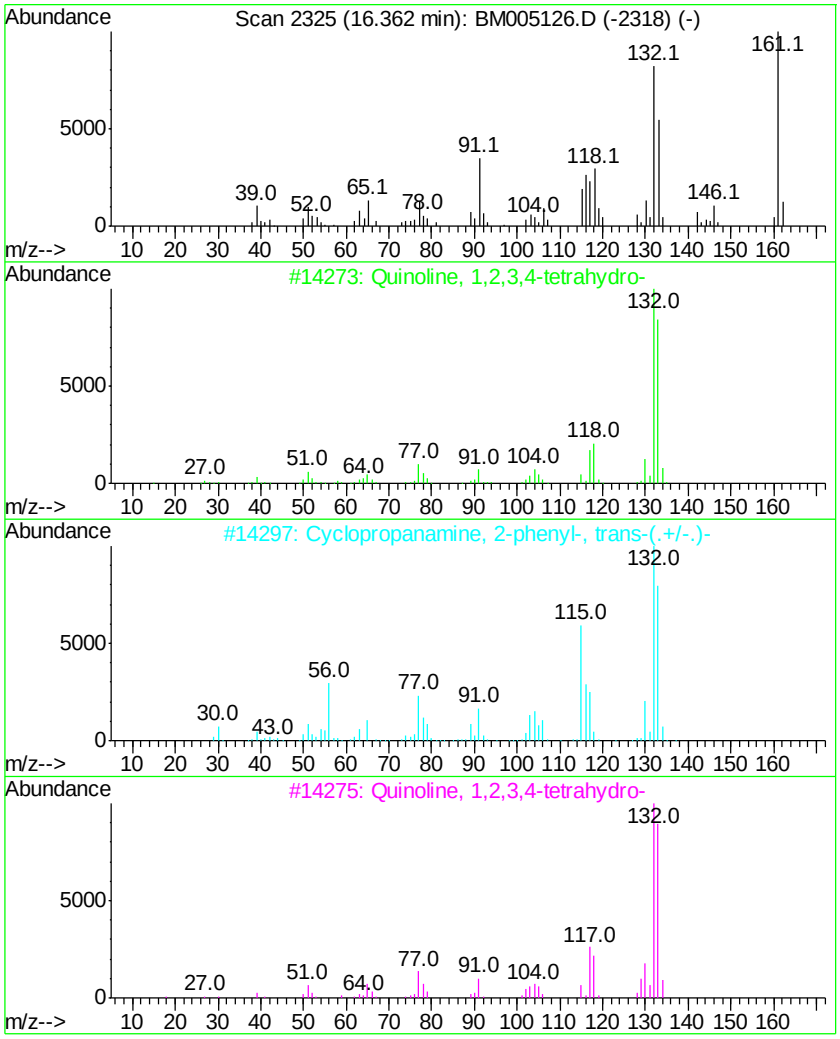
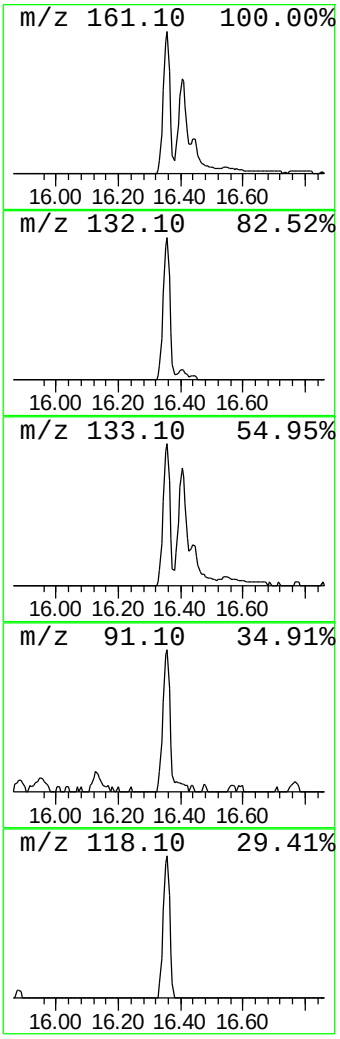
Peak Number 27 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	5.59 ng/ul	213890	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	55
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
4	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	49
5	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	49





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Sample : H2639-11
Misc :
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Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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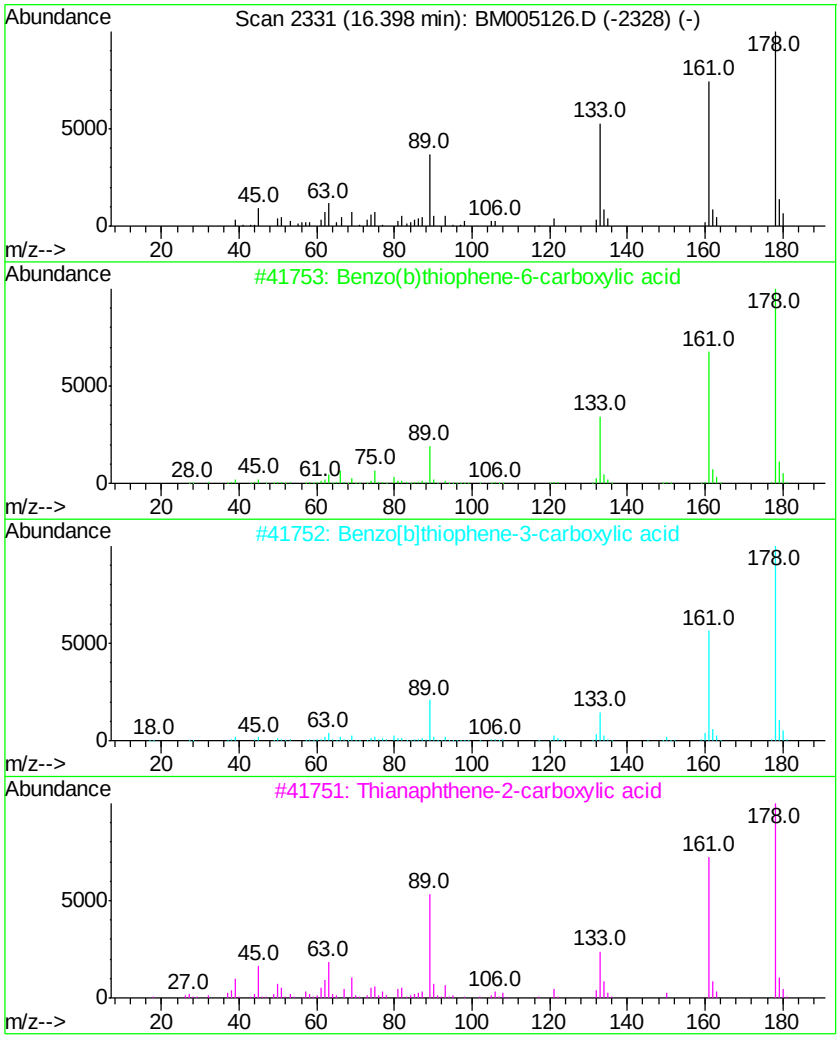
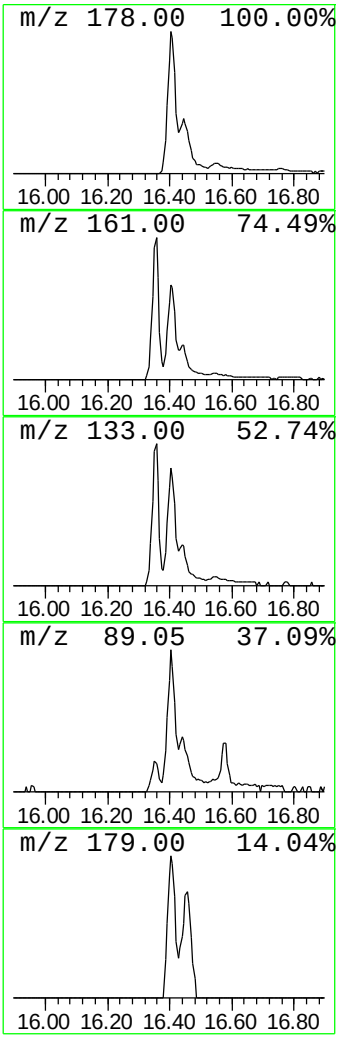
Peak Number 28 Benzo(b)thiophene-6-carboxy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.99 ng/ul	152859	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)thiophene-6-carboxylic acid	178	C9H6O2S	006179-26-6	94
2	Benzo[b]thiophene-3-carboxylic acid	178	C9H6O2S	005381-25-9	81
3	Thianaphthene-2-carboxylic acid	178	C9H6O2S	006314-28-9	43
4	1H-Indole-2-carboxylic acid, 5-f...	179	C9H6FNO2	000399-76-8	38
5	2H-1-Benzopyran-2-one, 6-amino-	161	C9H7NO2	014415-44-2	35





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Misc :
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Instrument : BNA_M
ClientSampleId : BC7N8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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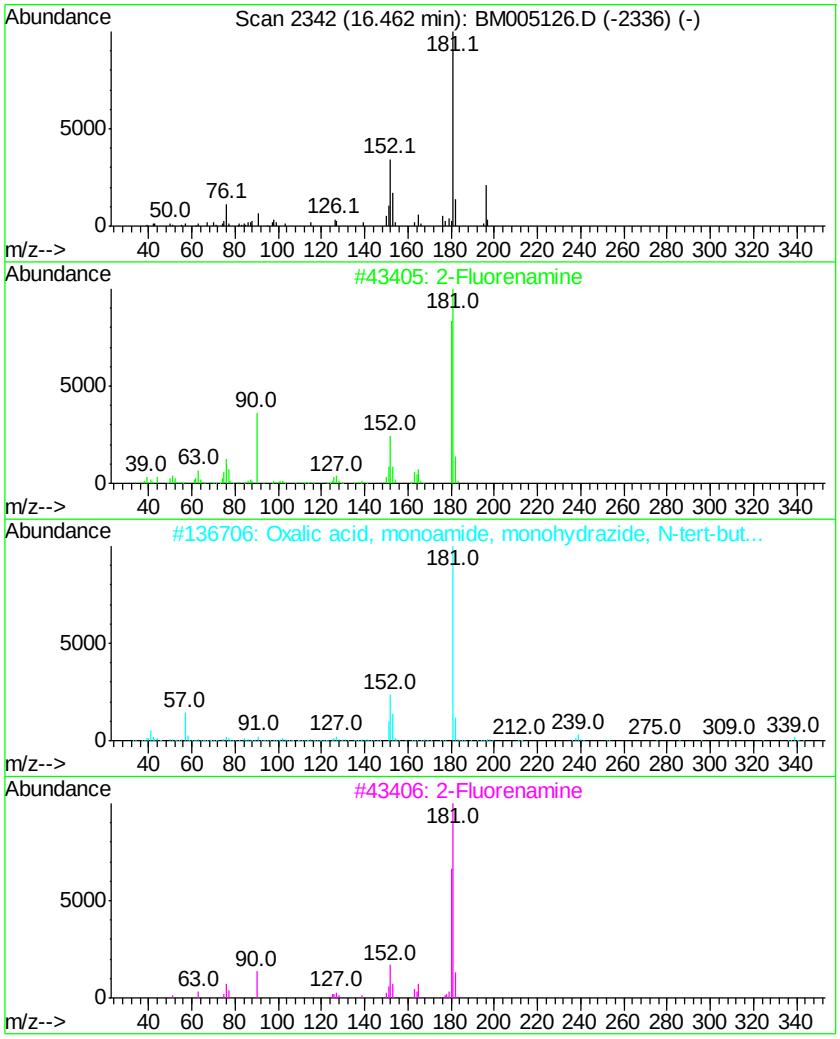
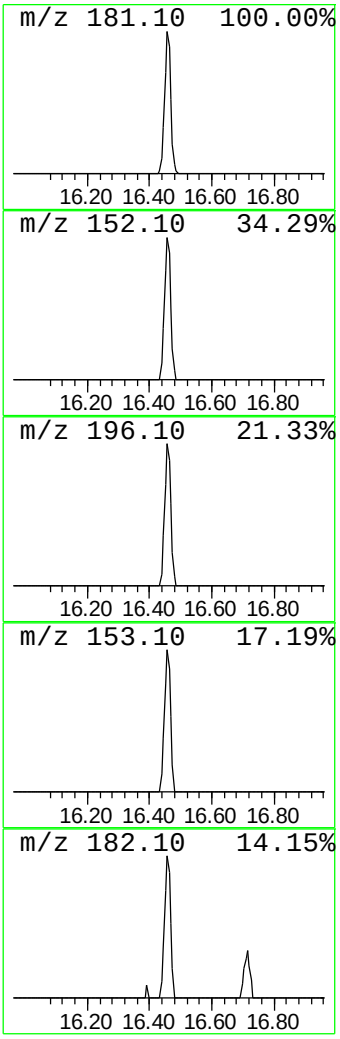
Peak Number 29 2-Fluorenamine Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	5.16 ng/ul	197444	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorenamine	181	C13H11N	000153-78-6	70
2	Oxalic acid, monoamide, monohydr...	339	C19H21N3O3	296243-03-3	59
3	2-Fluorenamine	181	C13H11N	000153-78-6	53
4	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	53
5	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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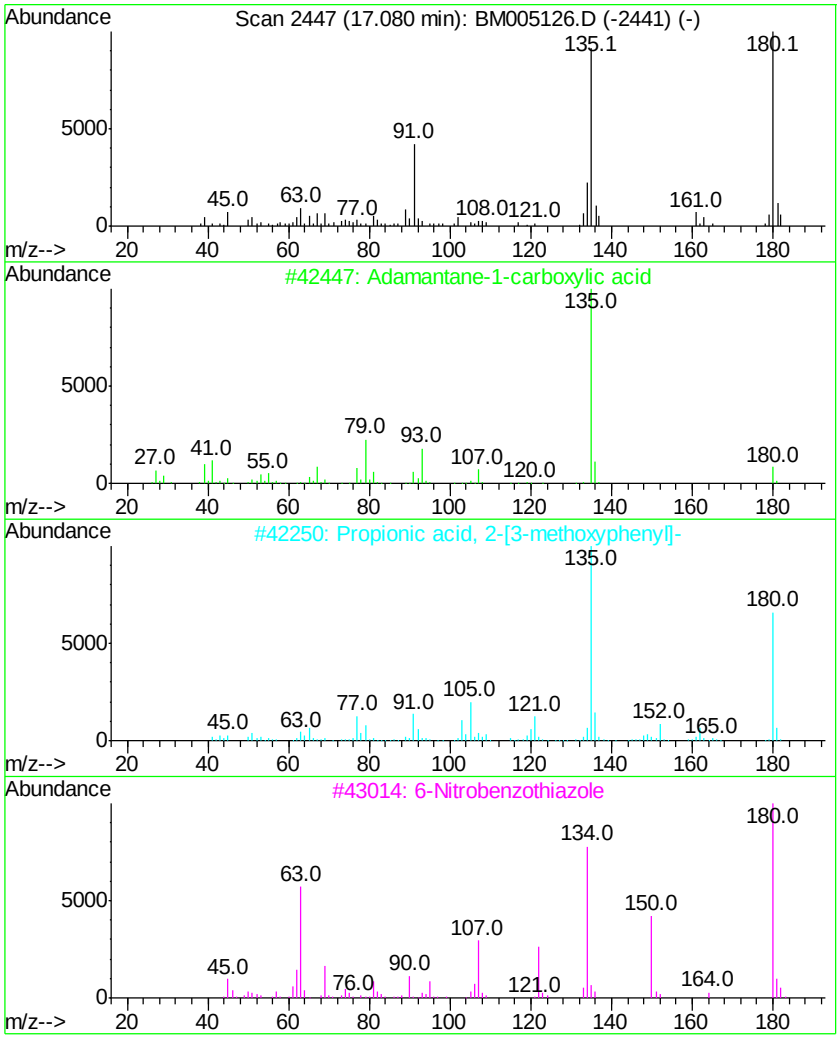
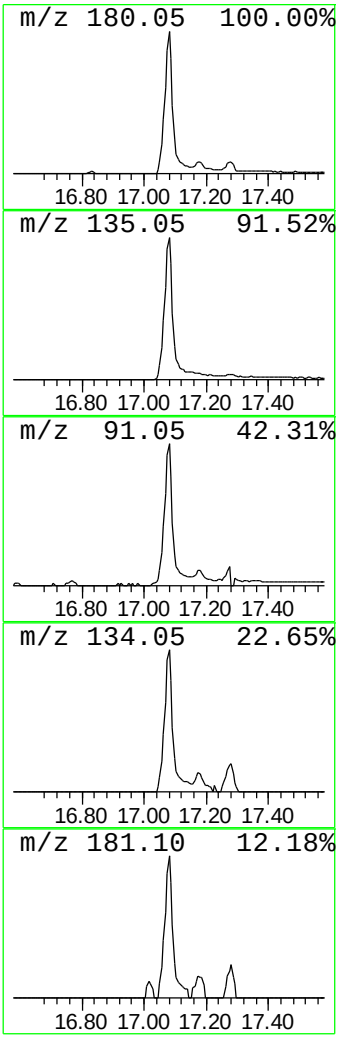
Peak Number 30 Adamantane-1-carboxylic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	8.70 ng/ul	333033	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	72
2	Propionic acid, 2-[3-methoxyphen...	180	C10H12O3	1000128-52-3	64
3	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	38
4	5-Nitrobenz[d]isothiazole	180	C7H4N2O2S	060768-66-3	38
5	Benzo-1,3,2-azathiaborol, 2-ethyl-	163	C8H10BNS	168064-64-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
Data File : BM005126.D
Acq On : 28 Apr 2016 22:40
Operator : UM/SJ
Sample : H2639-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	4.37	9.6	ng/ul	128250	1	7.79	268591	20.0
Heptanal	5.85	20.7	ng/ul	277617	1	7.79	268591	20.0
Hexanoic acid	6.87	13.6	ng/ul	182717	1	7.79	268591	20.0
2-Octanol, (S)-	7.40	15.4	ng/ul	206178	1	7.79	268591	20.0
Benzofuran, 2-met...	9.14	17.0	ng/ul	228096	1	7.79	268591	20.0
Benzofuran, 7-met...	9.25	4.3	ng/ul	92580	2	10.58	434695	20.0
3-Nonanol, 2-methyl-	9.27	4.7	ng/ul	102266	2	10.58	434695	20.0
Benzoic Acid	9.90	3.6	ng/ul	78129	2	10.58	434695	20.0
2-Nonenal, (E)-	9.99	42.0	ng/ul	912747	2	10.58	434695	20.0
2-Benzothiophene #	10.75	52.2	ng/ul	1135140	2	10.58	434695	20.0
1-Decyn-4-ol	11.18	7.9	ng/ul	172296	2	10.58	434695	20.0
unknown-01	11.50	304.8	ng/ul	6624720	2	10.58	434695	20.0
Benzo[b]thiophene...	11.69	5.1	ng/ul	111051	2	10.58	434695	20.0
2-Nonenoic acid	11.96	9.8	ng/ul	213447	2	10.58	434695	20.0
Benzo[b]thiophene...	12.14	3.1	ng/ul	67013	2	10.58	434695	20.0
unknown-02	12.68	3.7	ng/ul	125523	3	14.43	682510	20.0
Decanoic acid, 2-...	13.53	61.9	ng/ul	2113190	3	14.43	682510	20.0
unknown-03	14.05	3.5	ng/ul	119351	3	14.43	682510	20.0
unknown-04	14.32	16.7	ng/ul	569338	3	14.43	682510	20.0
unknown-05	14.49	2.0	ng/ul	68438	3	14.43	682510	20.0
unknown-06	14.70	2.9	ng/ul	98027	3	14.43	682510	20.0
unknown-07	14.86	2.1	ng/ul	72272	3	14.43	682510	20.0
D-Proline	14.91	12.0	ng/ul	409924	3	14.43	682510	20.0
2H-Pyran-2-one, 5...	15.26	6.0	ng/ul	204878	3	14.43	682510	20.0
3-Pentenoic acid,...	15.36	2.1	ng/ul	71687	3	14.43	682510	20.0
Quinoline, 1,2,3,...	16.36	5.6	ng/ul	213890	4	17.17	765369	20.0
Benzo(b)thiophene...	16.40	4.0	ng/ul	152859	4	17.17	765369	20.0
2-Fluorenamine	16.46	5.2	ng/ul	197444	4	17.17	765369	20.0
Adamantane-1-carb...	17.08	8.7	ng/ul	333033	4	17.17	765369	20.0