LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110916.D
Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	22	26	37	rVB	101847	154278	7.50%	0.777%
2	5.187	524	527	538	rBV	51019	87557	4.26%	0.441%
3	5.563	587	591	608	rBV	1654804	1888441	91.83%	9.513%
4	6.575	758	763	782	rBV	1770009	2056356	100.00%	10.359%
5	6.716	782	787	790	rBV	2099685	1992401	96.89%	10.037%
6	6.939	822	825	833	rBV	445892	387489	18.84%	1.952%
7	7.098	848	852	866	rVB	1718513	1531759	74.49%	7.716%
8	7.510	918	922	936	rBV	1223947	1251838	60.88%	6.306%
9	8.222	1040	1043	1048	rBV	411640	440269	21.41%	2.218%
10	8.257	1048	1049	1053	rVV	81946	75162	3.66%	0.379%
11	8.292	1053	1055	1061	rVB4	26151	37925	1.84%	0.191%
12	8.498	1087	1090	1095	rVB5	35003	50657	2.46%	0.255%
13	8.551	1095	1099	1103	rBV6	12529	24877	1.21%	0.125%
14	8.622	1108	1111	1113	rVV	93587	67414	3.28%	0.340%
15	8.722	1124	1128	1129	rBV3	24903	24684	1.20%	0.124%
16	8.845	1144	1149	1150	rBV5	21391	32169	1.56%	0.162%
17	8.886	1153	1156	1163	rVB4	43014	63025	3.06%	0.317%
18	8.951	1163	1167	1170	rBV3	28323	40987	1.99%	0.206%
19	8.986	1170	1173	1175	rBV3	18523	22578	1.10%	0.114%
20	9.039	1179	1182	1187	rVV2	42984	51524	2.51%	0.260%
21	9.086	1187	1190	1193	rVV5	18537	31809	1.55%	0.160%
22	9.116	1193	1195	1198	rVB3	34054	31038	1.51%	0.156%
23	9.222	1211	1213	1216	rVB	134177	92505	4.50%	0.466%
24	9.298	1222	1226	1234	rBV	2214246	1968687	95.74%	9.917%
25	9.363	1234	1237	1241	rVB2	86970	87125	4.24%	0.439%
26	9.398	1241	1243	1247	rBV5	24449	36118	1.76%	0.182%
27	9.569	1266	1272	1275	rBV4	50237	87700	4.26%	0.442%
28	9.639	1281	1284	1287	rVV	49402	44811	2.18%	0.226%
29	9.675	1287	1290	1298	rVB3	385915	451730	21.97%	2.276%
30	9.833	1314	1317	1320	rBV3	120264	120126	5.84%	0.605%
31	9.880	1322	1325	1328	rVB	175562	144826	7.04%	0.730%
32	9.922	1330	1332	1335	rVV3	40183	50461	2.45%	0.254%
33	9.957	1335	1338	1340	rVV2	62211	72723	3.54%	0.366%
34	9.980	1340	1342	1347	rVV	418342	452023	21.98%	2.277%

LSC Area Percent Report

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Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.022	1347	1349	1355	rVB5	47765	59100	2.87%	0.298%
36	10.086	1358	1360	1363	rVV2	24595	24165	1.18%	0.122%
37	10.145	1368	1370	1373	rVV	32236	26642	1.30%	0.134%
38	10.304	1392	1397	1399	rBV3	72897	120425	5.86%	0.607%
39	10.333	1399	1402	1406	rVV5	67036	102114	4.97%	0.514%
40	10.380	1407	1410	1413	rVV2	101513	104154	5.06%	0.525%
41	10.422	1413	1417	1425	rVV6	48483	111358	5.42%	0.561%
42	10.545	1436	1438	1445	rVB5	31478	33849	1.65%	0.171%
43	10.610	1445	1449	1452	rBV	226137	220205	10.71%	1.109%
44	10.780	1474	1478	1485	rBV	963555	1009916	49.11%	5.088%
45	10.875	1490	1494	1497	rBV	430299	385566	18.75%	1.942%
46	11.116	1532	1535	1538	rBV3	31517	32955	1.60%	0.166%
47	11.192	1546	1548	1550	rBV3	32578	35797	1.74%	0.180%
48	11.339	1570	1573	1582	rVB	228587	236688	11.51%	1.192%
49	11.480	1593	1597	1609	rVB	418558	441740	21.48%	2.225%
50	11.586	1613	1615	1619	rBV4	31567	34553	1.68%	0.174%
51	11.692	1630	1633	1638	rVB2	48483	59911	2.91%	0.302%
52	11.980	1679	1682	1687	rBV5	75892	100311	4.88%	0.505%
53	12.533	1773	1776	1779	rBV	23804	22587	1.10%	0.114%
54	12.851	1828	1830	1837	rVB5	19826	30519	1.48%	0.154%
55	12.933	1841	1844	1849	rVB5	21487	23120	1.12%	0.116%
56	13.063	1862	1866	1869	rBV	1779988	1528261	74.32%	7.699%
57	13.933	2011	2014	2020	rBV	56704	68921	3.35%	0.347%
58	14.133	2044	2048	2057	rBV	360810	377723	18.37%	1.903%
59	14.251	2064	2068	2072	rVB	38228	35162	1.71%	0.177%
60	14.557	2116	2120	2124	rBV	53589	67604	3.29%	0.341%
61	14.868	2170	2173	2176	rVB	65843	60483	2.94%	0.305%
62	15.221	2229	2233	2238	rVB	62106	68805	3.35%	0.347%
63	15.615	2296	2300	2304	rVB	54266	71831	3.49%	0.362%
64	15.668	2304	2309	2316	rBV	153143	219329	10.67%	1.105%
65	16.062	2372	2376	2382	rVB	46671	73623	3.58%	0.371%
66	16.592	2462	2466	2472	rVB2	31588	49576	2.41%	0.250%
67	17.215	2567	2572	2577	rVB5	16554	34238	1.66%	0.172%
68	17.951	2692	2697	2702	rVB6	13551	26549	1.29%	0.134%

Sum of corrected areas: 19850852

LSC Report - Integrated Chromatogram

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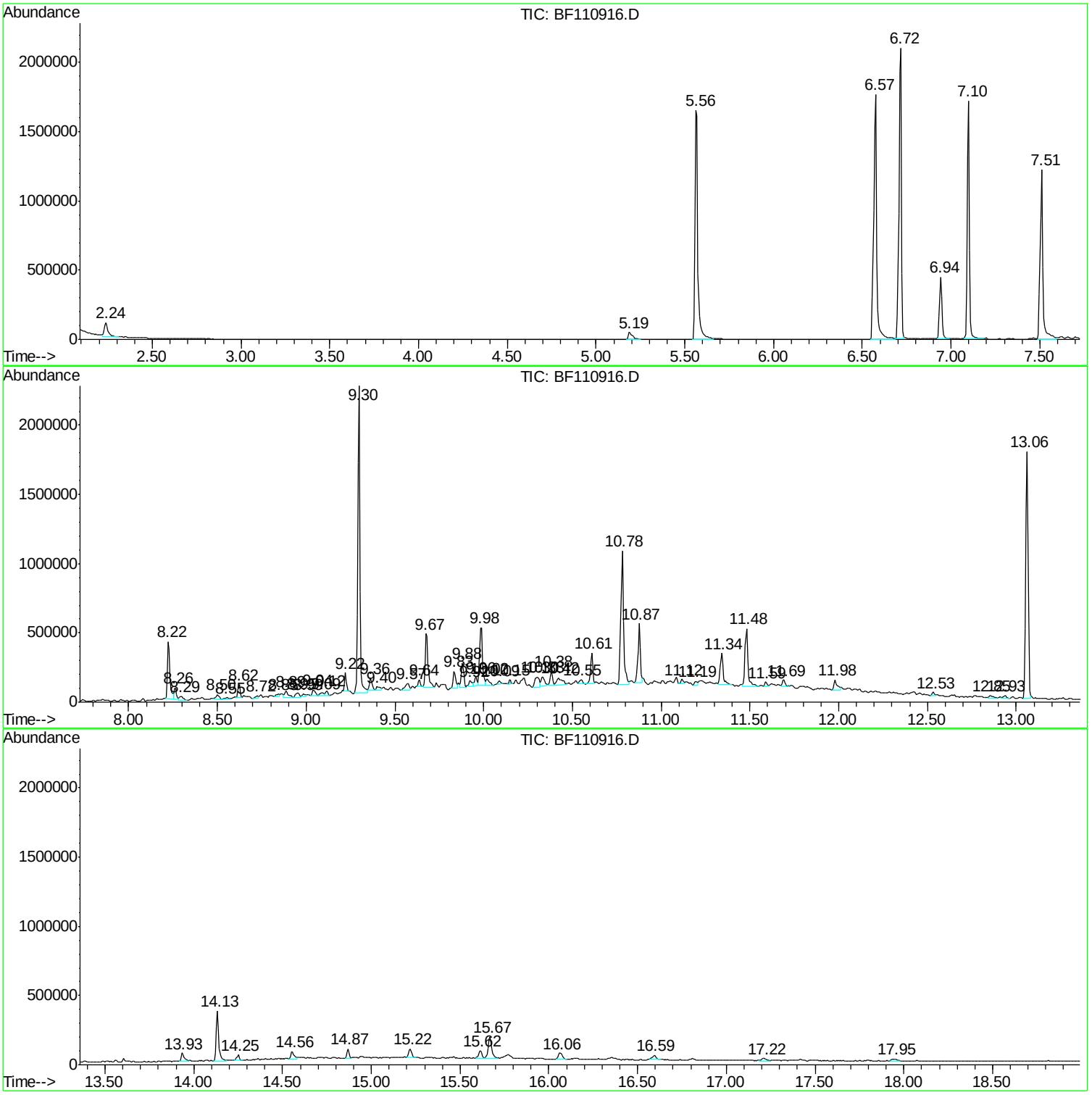
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BF110916.D
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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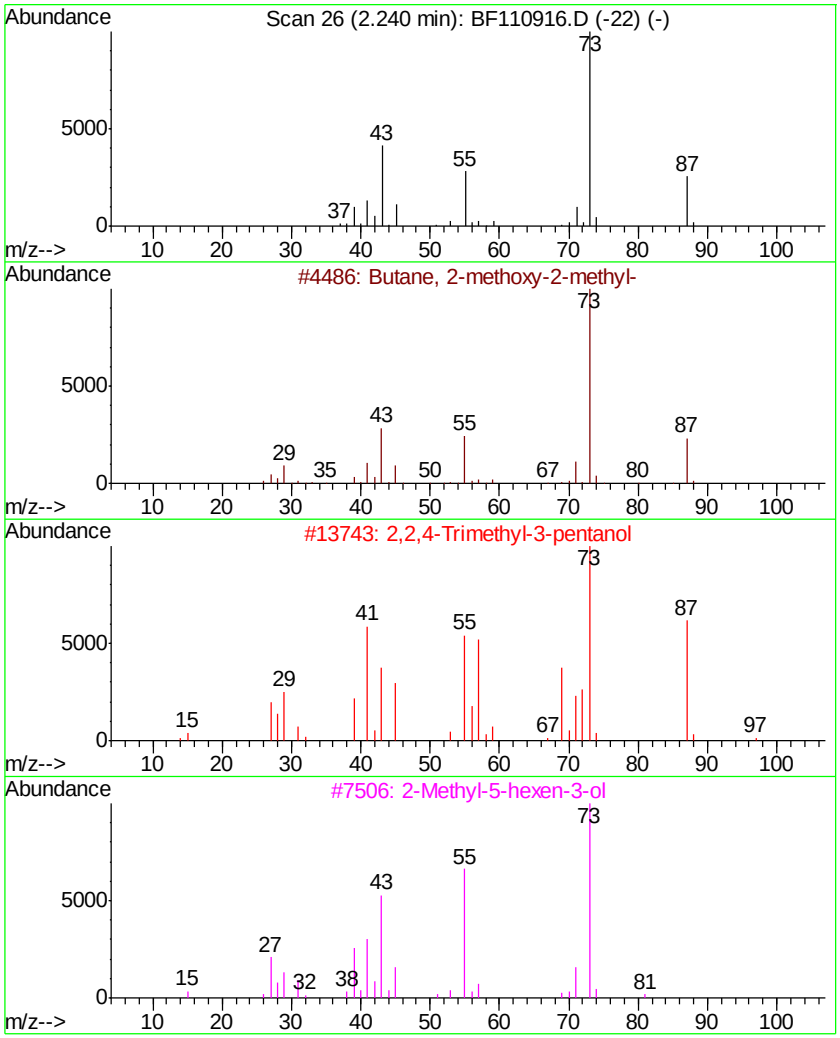
TIC Integration Parameters: LSCINT.P

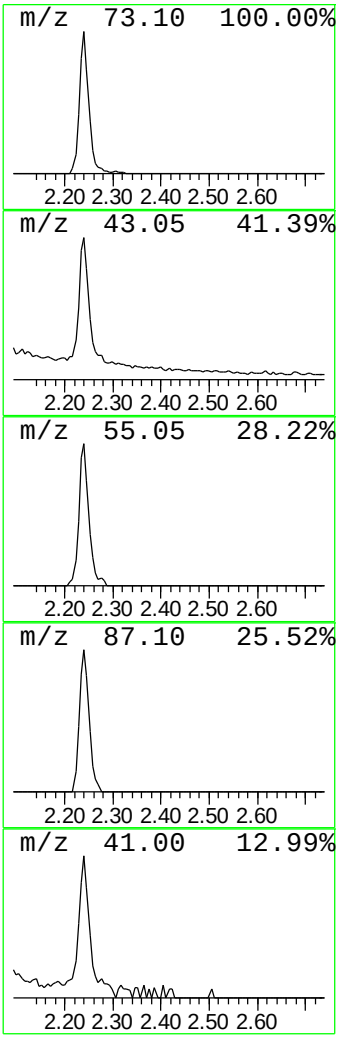
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	7.96 ng	154278	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Data File : BF110916.D
Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

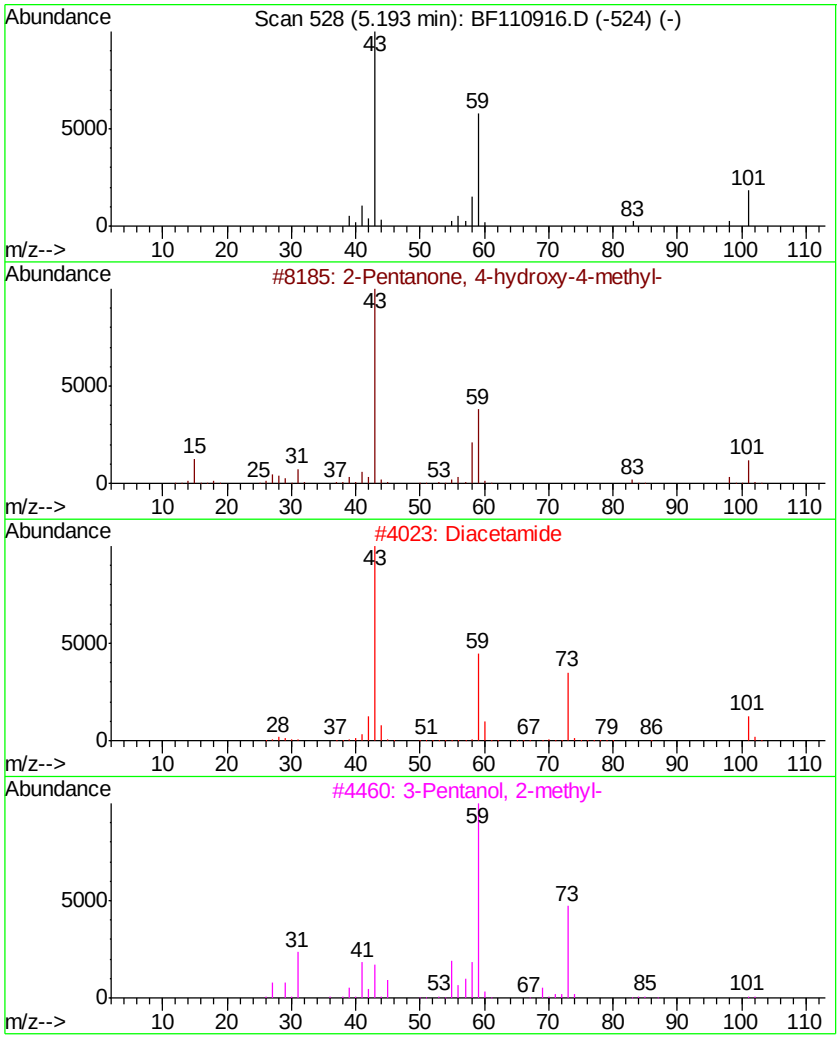
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

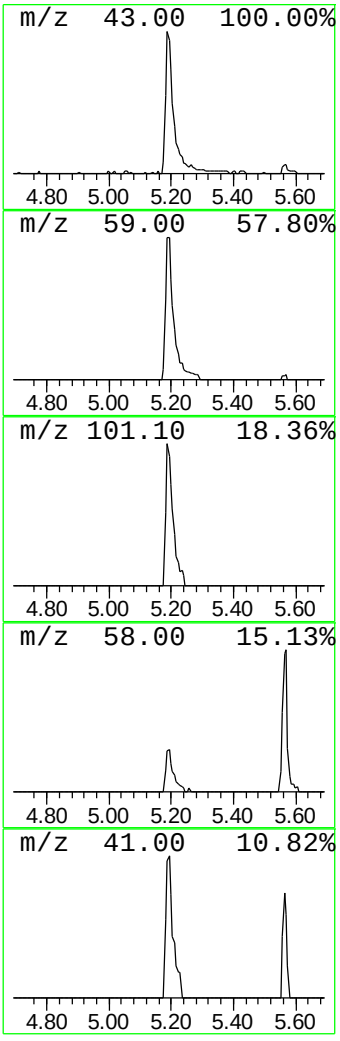
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.52 ng	87557	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	Hexanamide	115	C6H13NO	000628-02-4	9





Library Search Compound Report

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Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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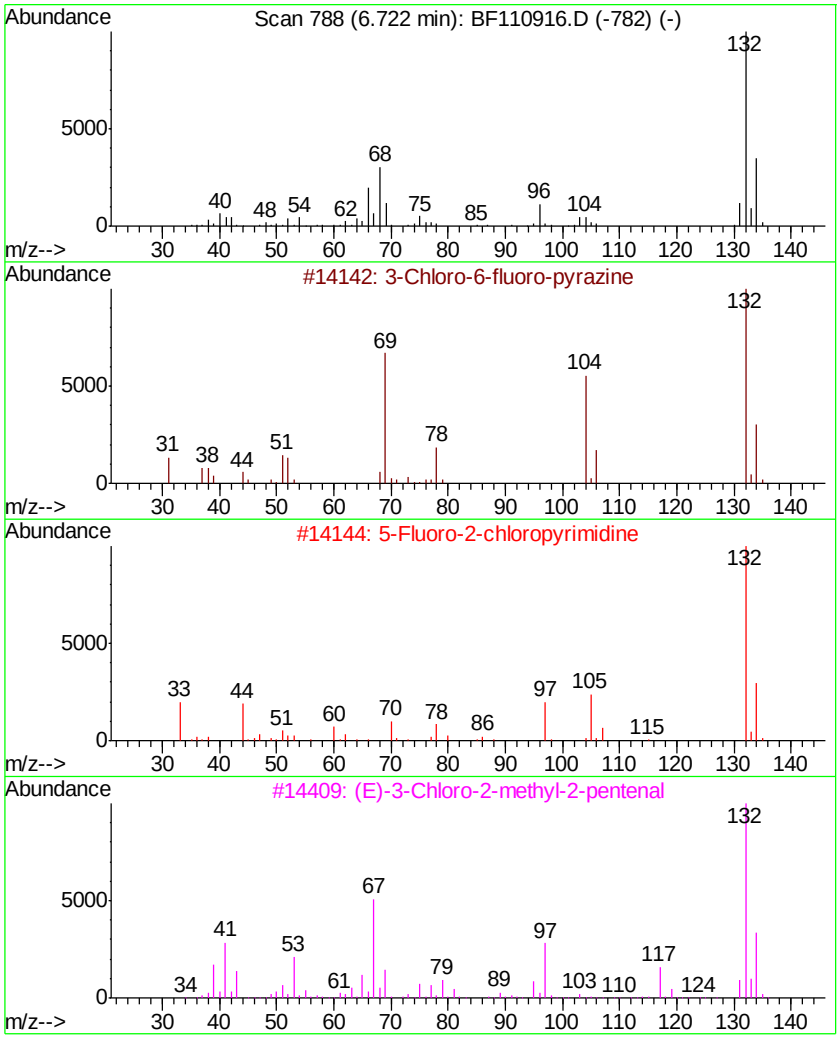
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

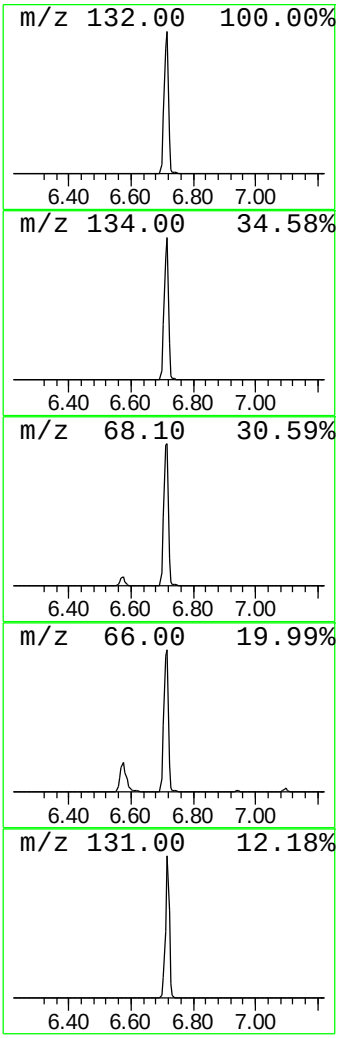
****

Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	102.84 ng	1992400	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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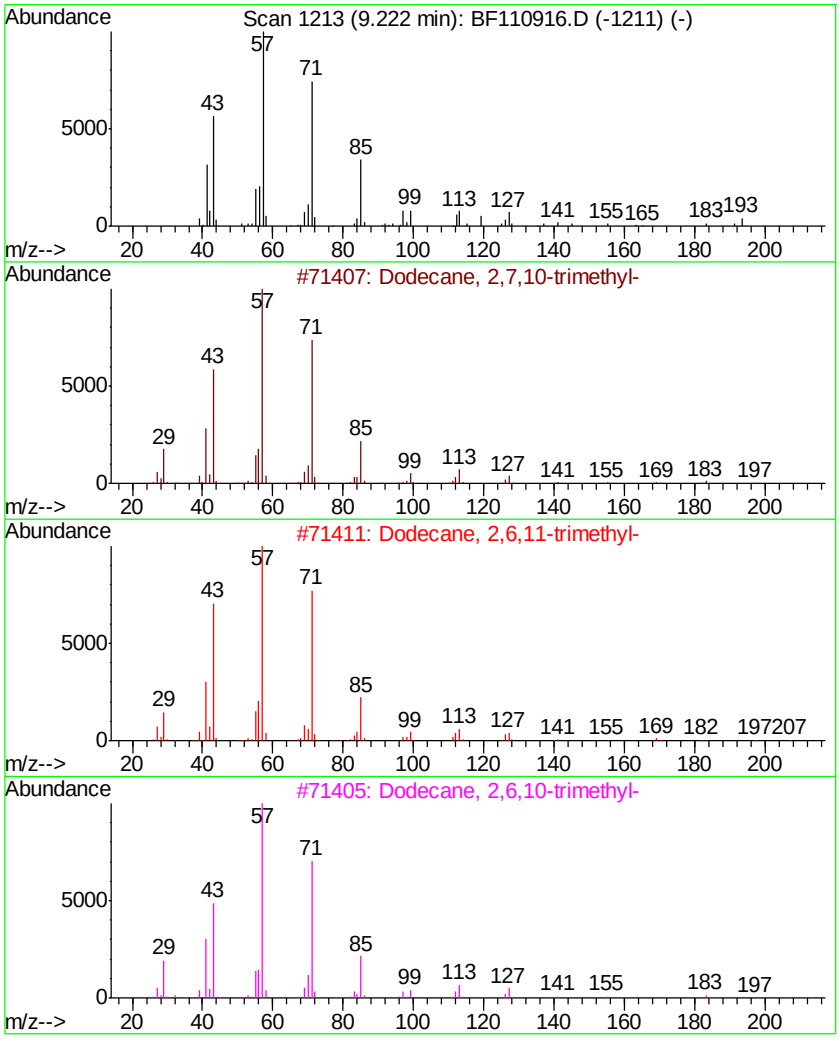
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

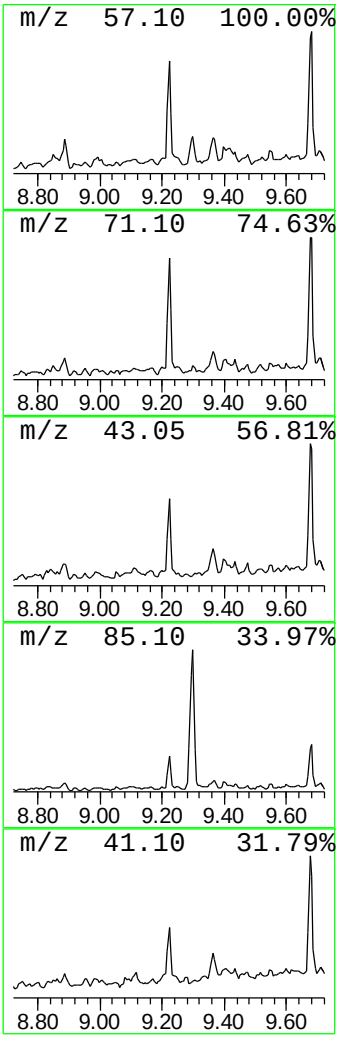
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	4.09 ng	92505	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexadecane	226	C16H34	000544-76-3	72





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Misc :
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Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

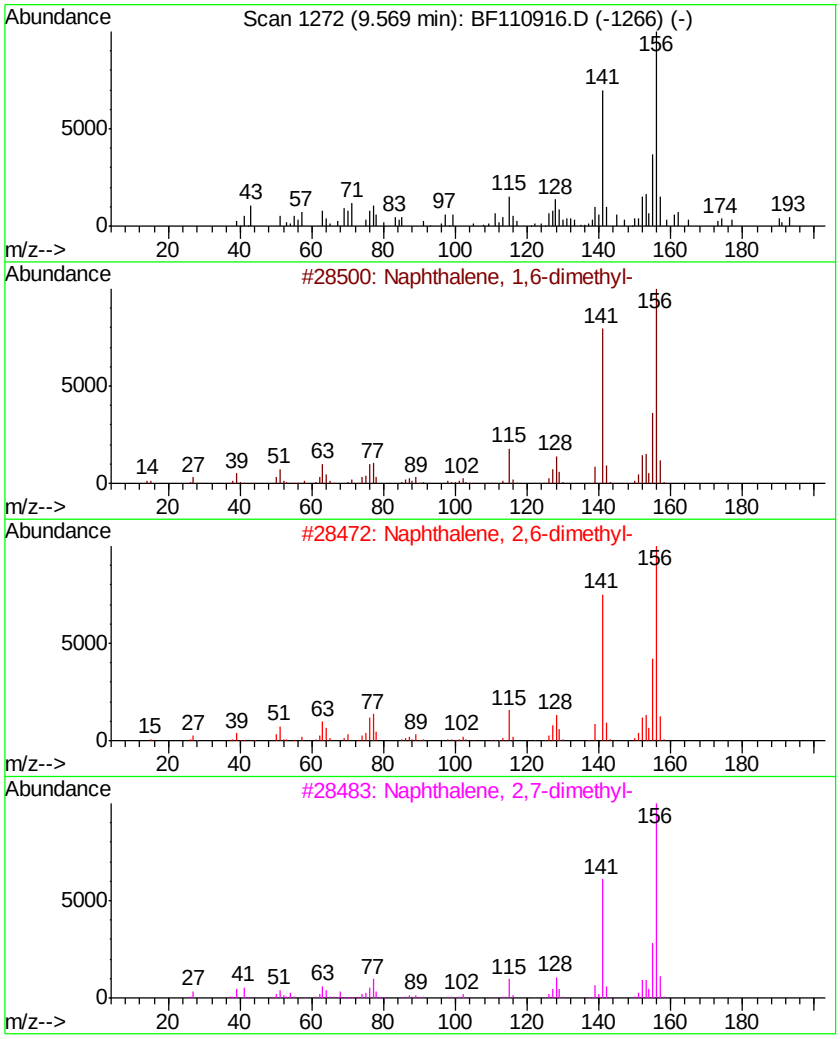
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

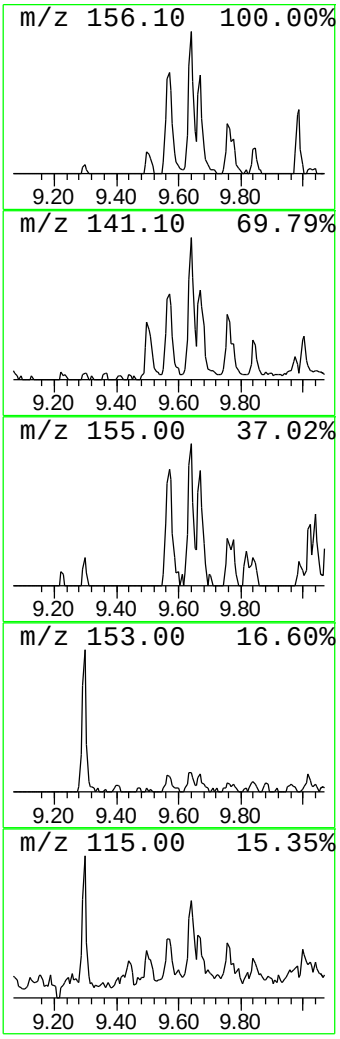
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.88 ng	87700	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Instrument : BNA_F
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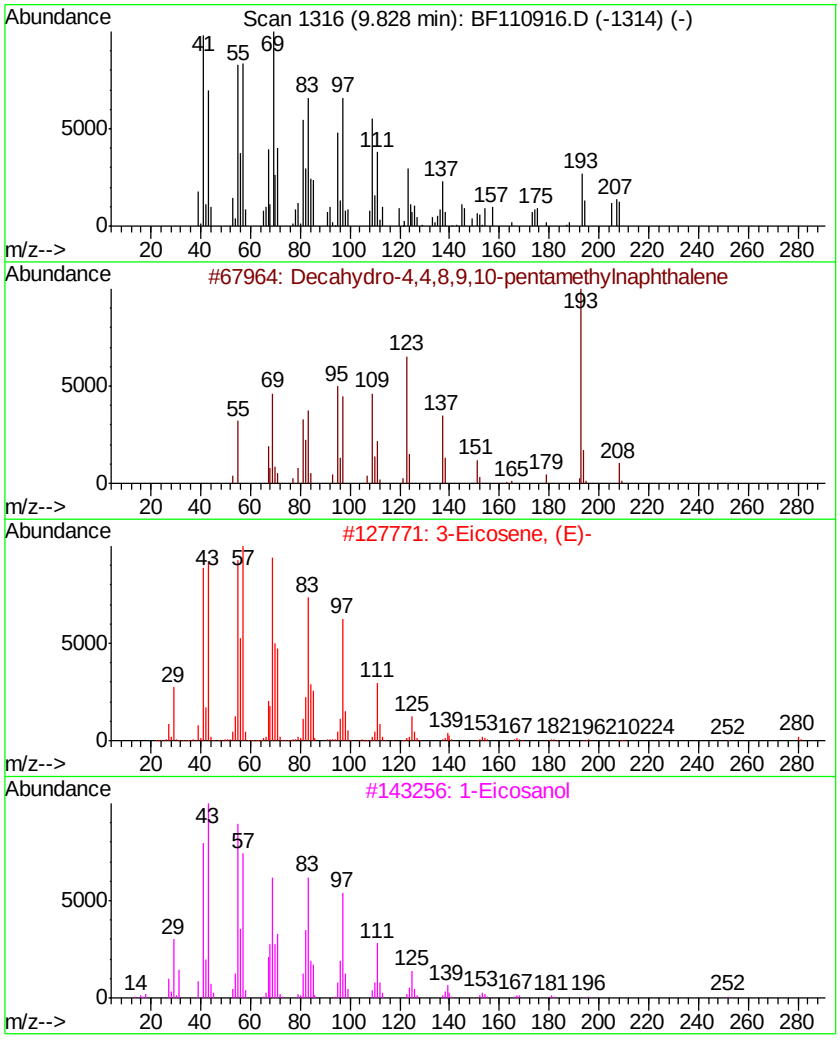
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

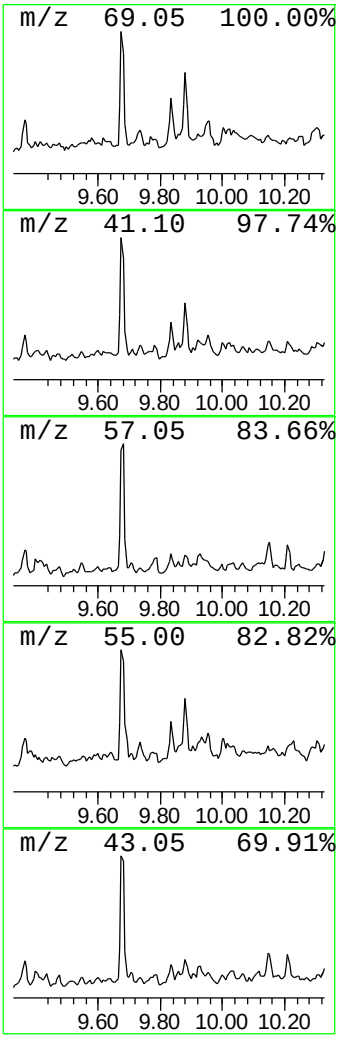
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	5.32 ng	120126	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	70
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	38
3	1-Eicosanol	298	C20H42O	000629-96-9	35
4	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1000195-30-1	30
5	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110916.D
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Operator : JU/SJ
Sample : J6003-14
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

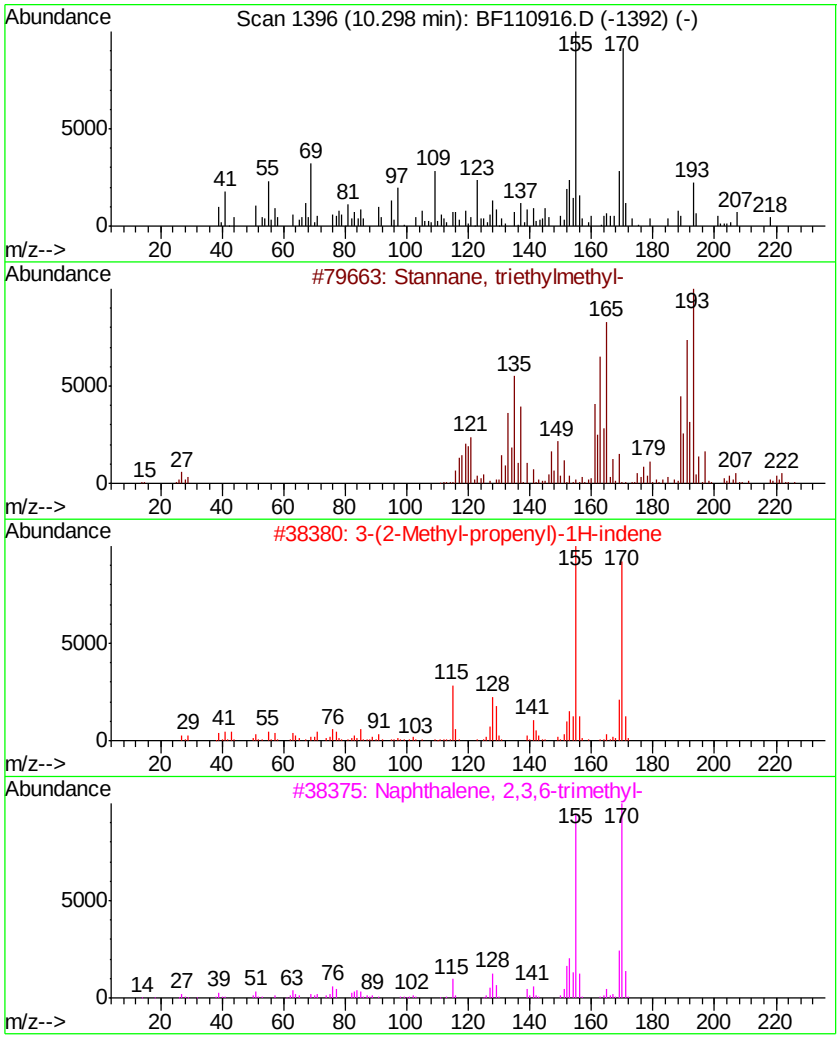
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

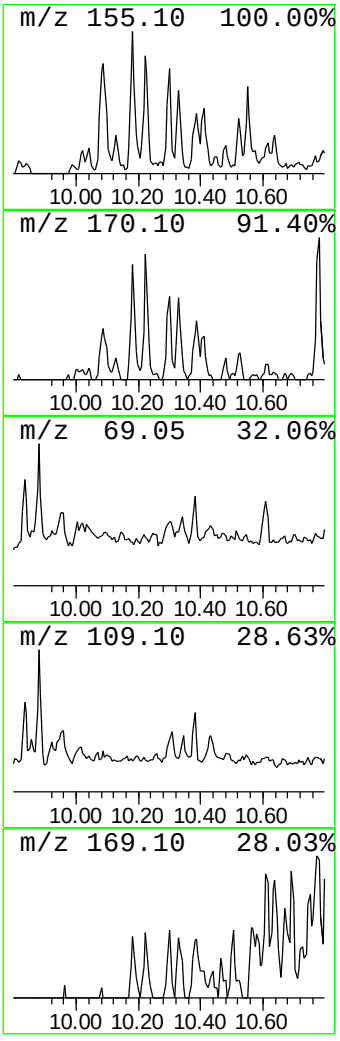
****

Peak Number 9 unknown10.30 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.33 ng	120425	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stannane, triethylmethyl-	222	C7H18Sn	002097-60-1	25
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	20
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	18
4	4-Fluoro-3-nitrotoluene	155	C7H6FNO2	000446-11-7	18
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	18





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Data File : BF110916.D
Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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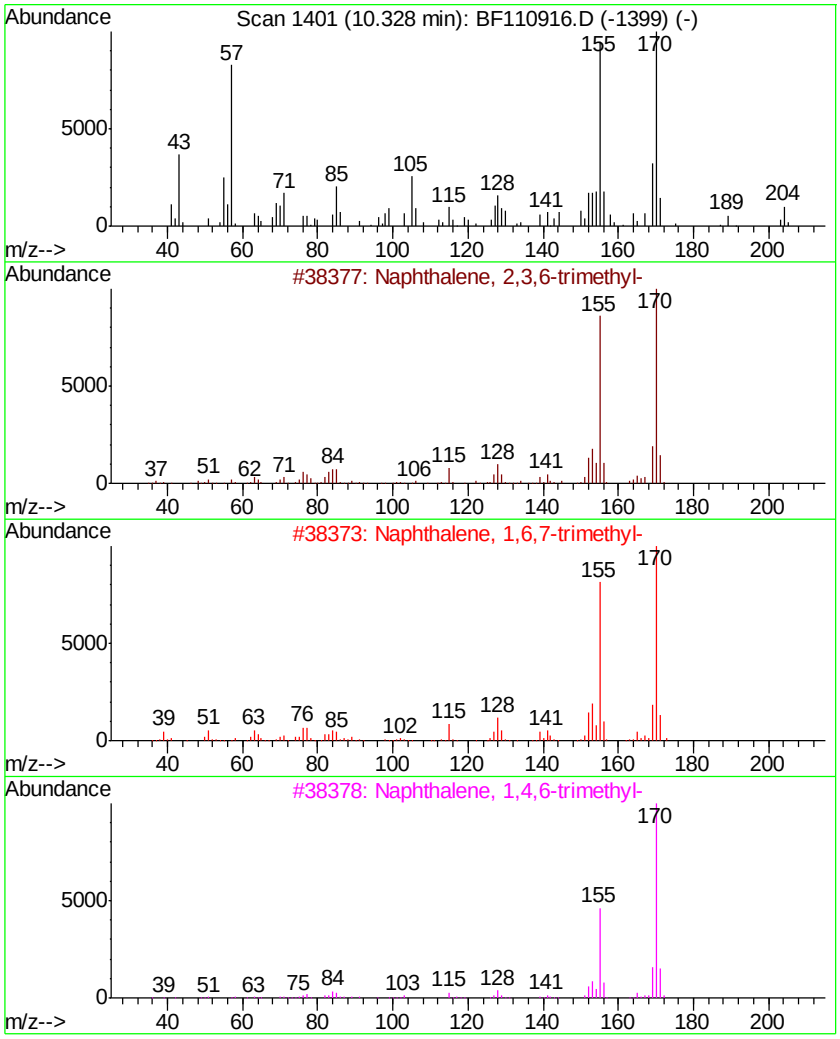
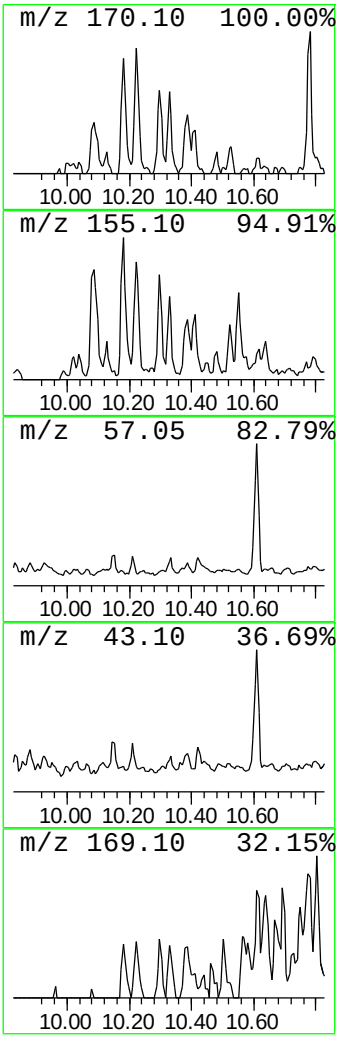
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.52 ng	102114	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	68
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	59





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Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

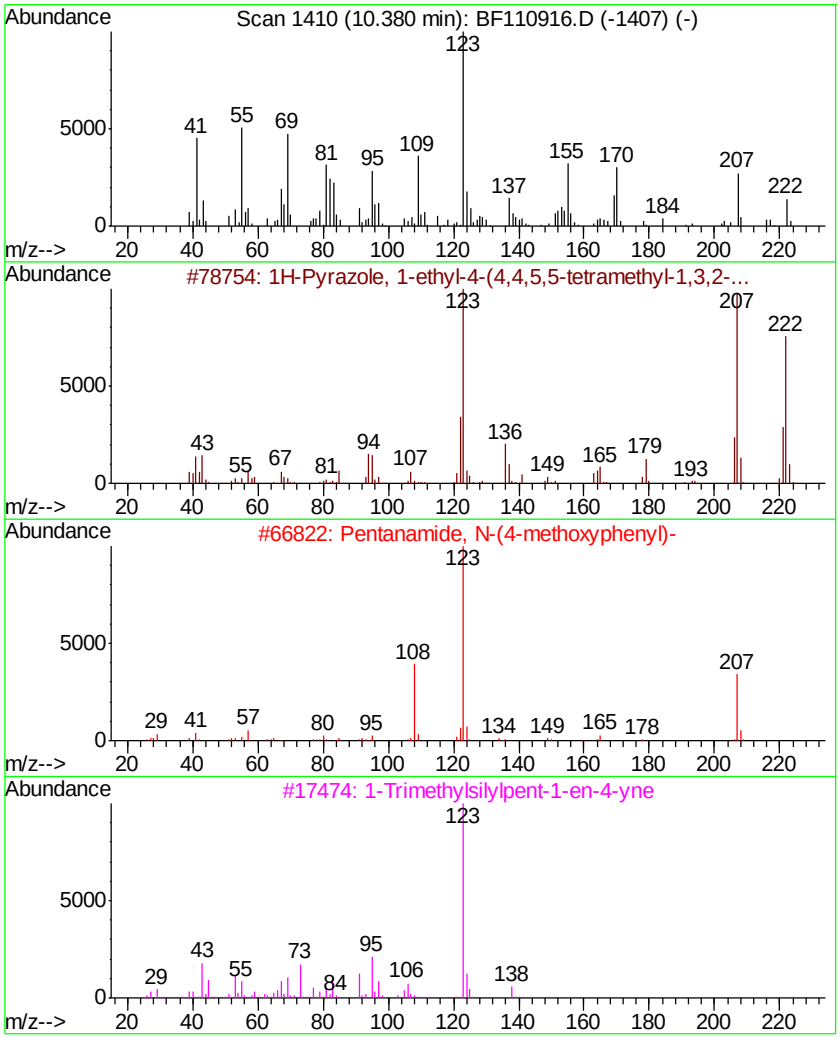
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

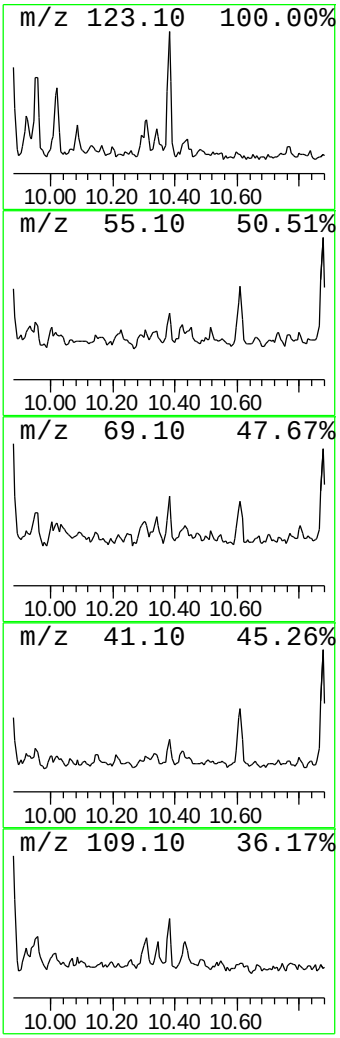
****

Peak Number 11 unknown10.38 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	4.61 ng	104154	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1-ethyl-4-(4,4,5,5-...	222	C11H19BN2O2	1000319-69-6	47
2	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
4	Cyclohexene, 1,4,6,6-tetramethyl-	138	C10H18	070092-37-4	38
5	3-Fluorobenzoic acid, N'-[1-(2-f...	345	C17H13F2N3O3	1000304-52-3	37





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Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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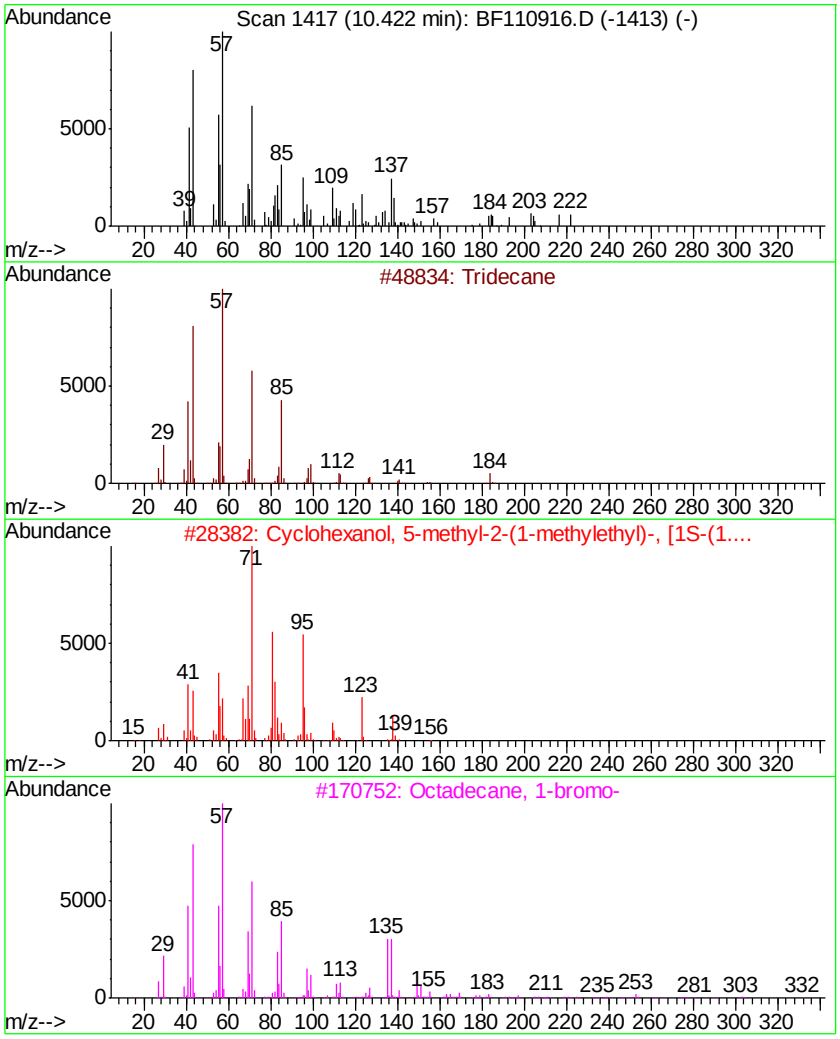
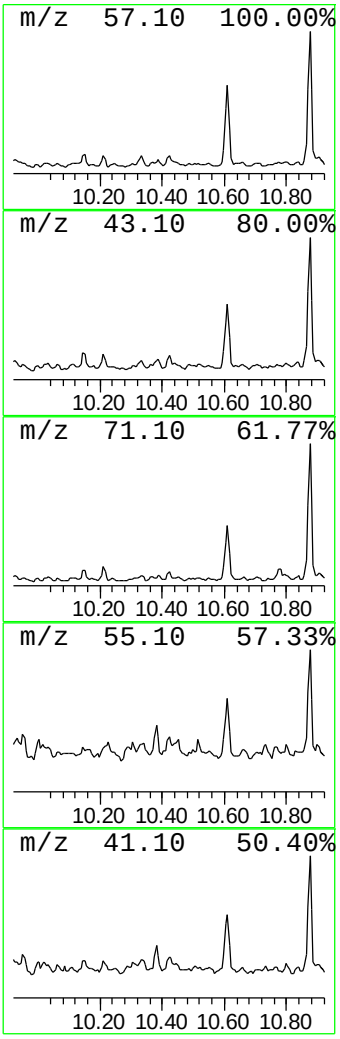
Peak Number 12 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	4.93 ng	111358	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	43
3	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	43
4	Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	27
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	25





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Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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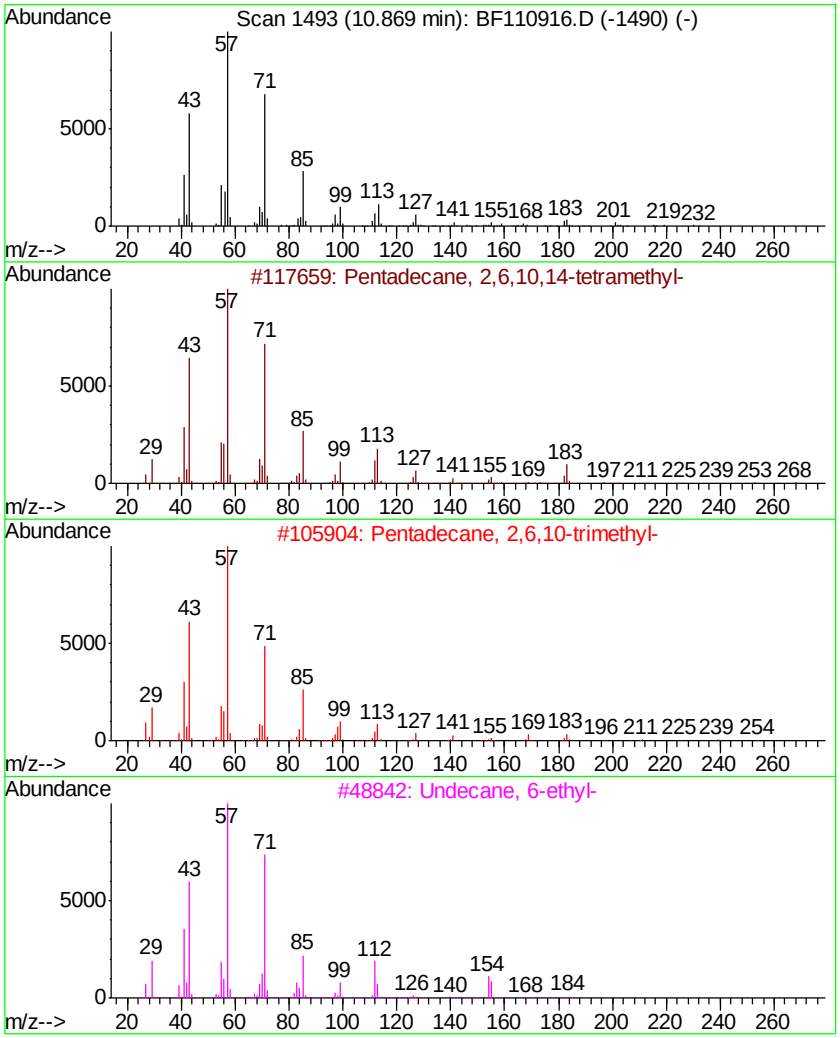
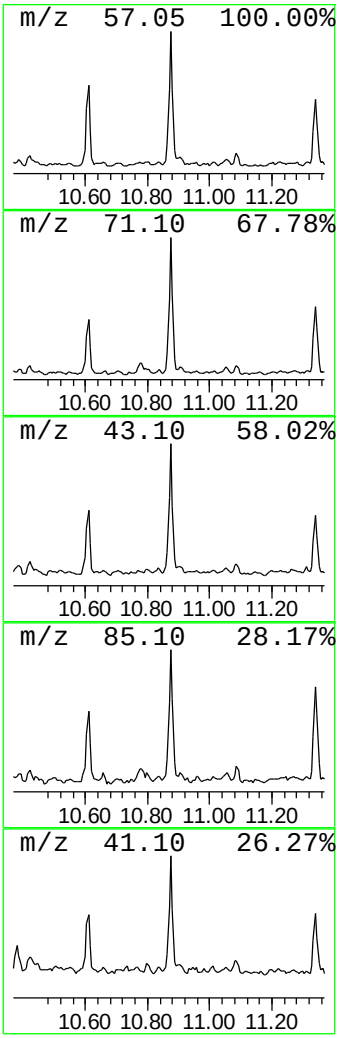
Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	17.46 ng	385566	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86





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Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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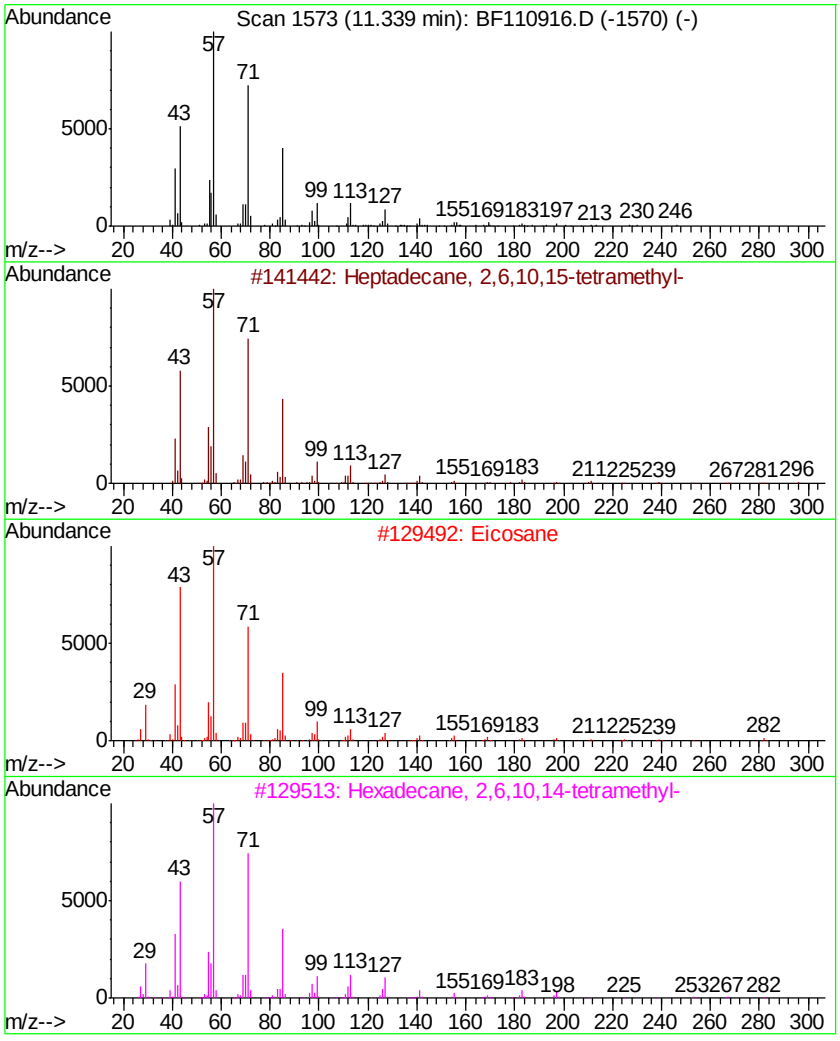
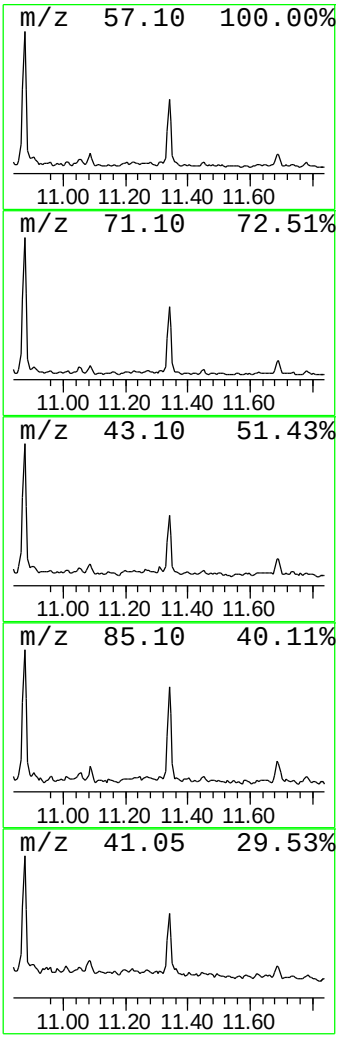
Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	10.72 ng	236688	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110916.D
Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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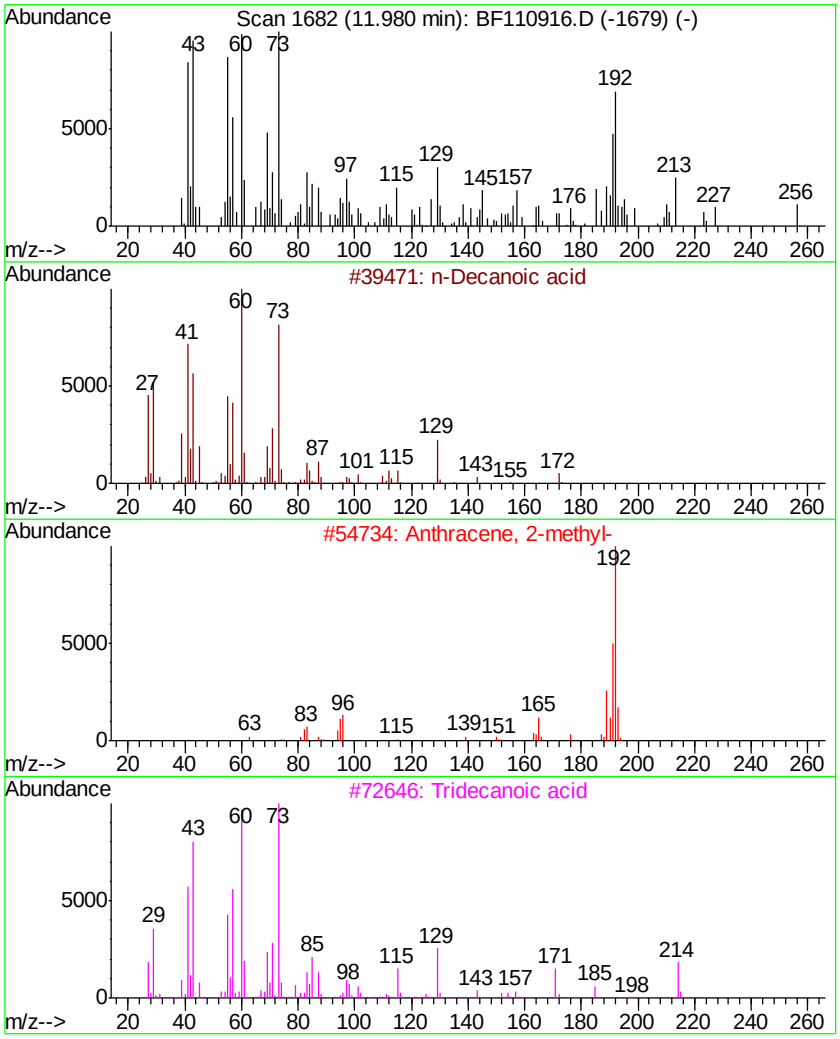
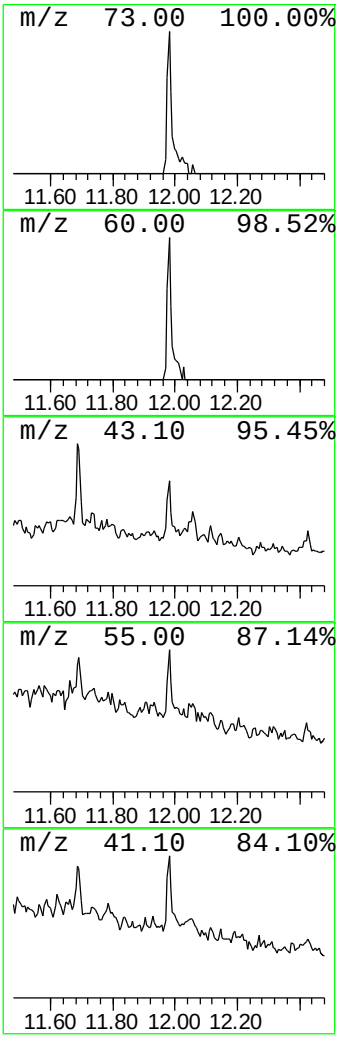
Peak Number 16 unknown11.98 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.54 ng	100311	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	38
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35
3	Tridecanoic acid	214	C13H26O2	000638-53-9	25
4	Dodecanoic acid	200	C12H24O2	000143-07-7	25
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	25





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Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

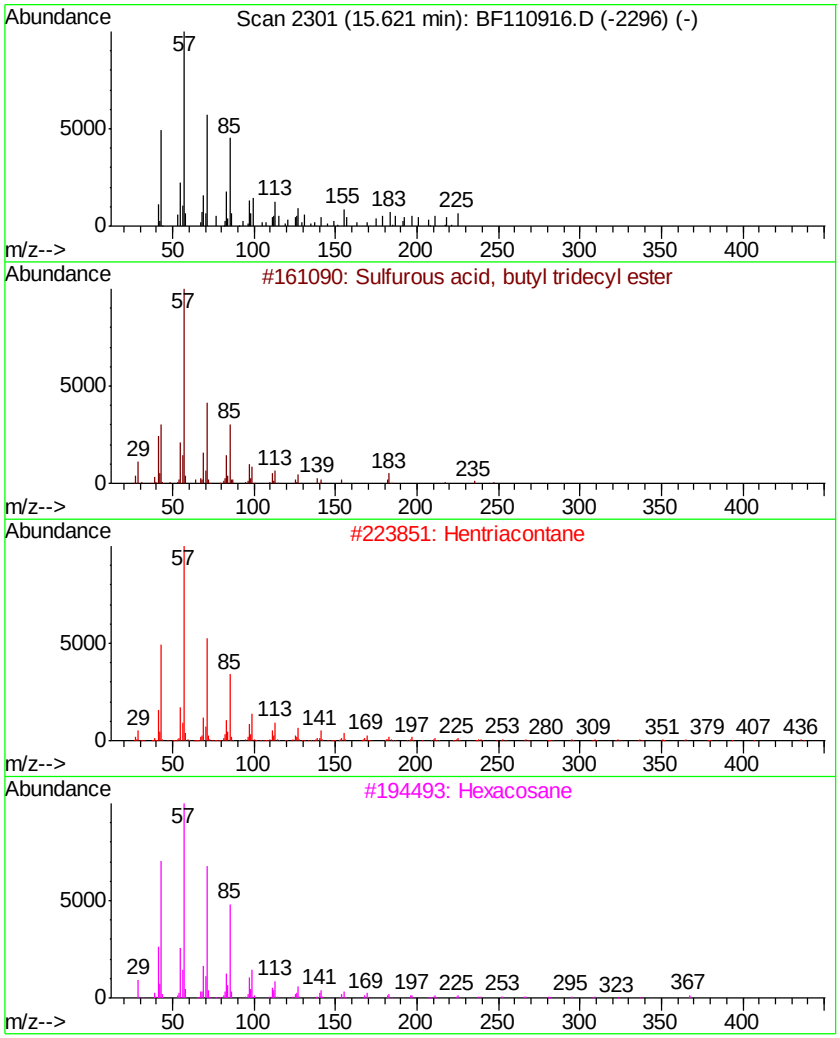
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

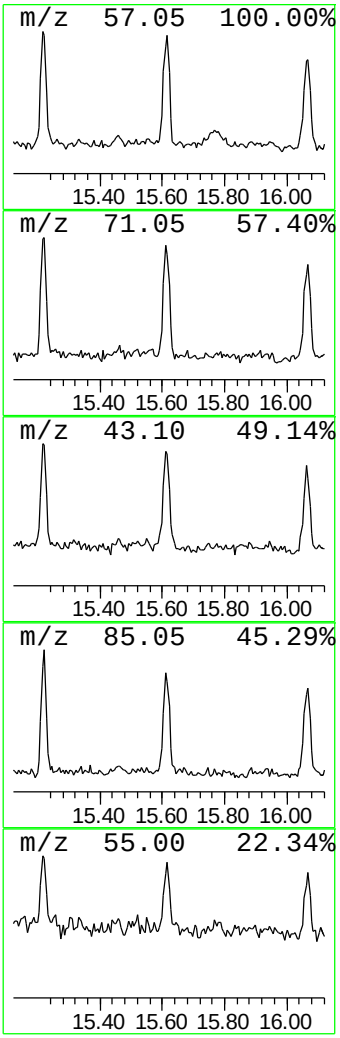
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Sulfurous acid, butyl tride... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	6.55 ng	71831	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Hexacosane	366	C26H54	000630-01-3	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

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Data File : BF110916.D
Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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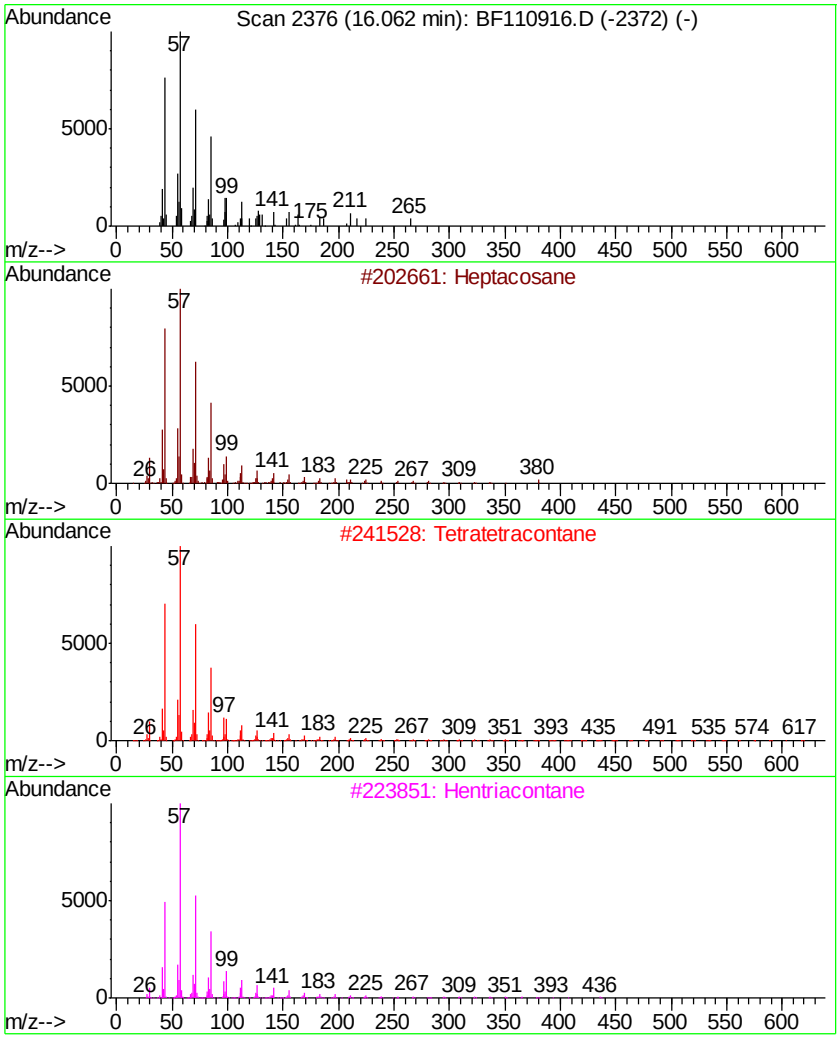
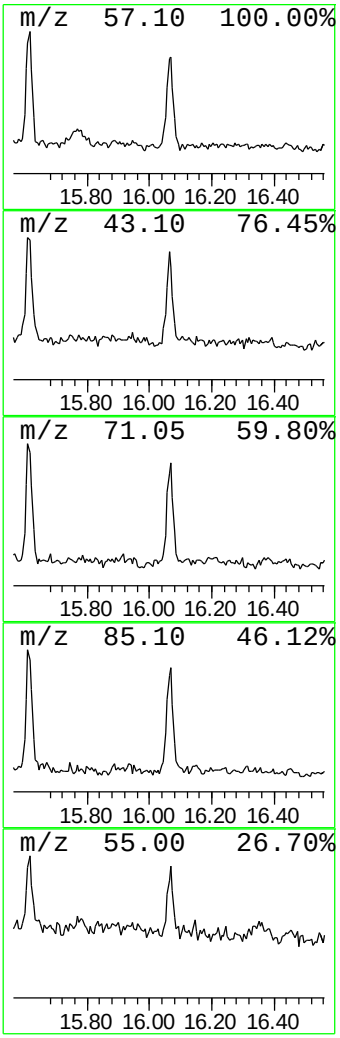
Peak Number 19 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	6.71 ng	73623	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Triacontane	422	C30H62	000638-68-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110916.D
Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	2.24	8.0	ng	154278	1	6.94	387489	20.0
2-Pentanone, 4-hy...	5.19	4.5	ng	87557	1	6.94	387489	20.0
unknown6.72	6.72	102.8	ng	1992400	1	6.94	387489	20.0
Dodecane, 2,7,10-...	9.22	4.1	ng	92505	3	9.98	452023	20.0
Naphthalene, 1,6-...	9.57	3.9	ng	87700	3	9.98	452023	20.0
Decahydro-4,4,8,9...	9.83	5.3	ng	120126	3	9.98	452023	20.0
unknown10.30	10.30	5.3	ng	120425	3	9.98	452023	20.0
Naphthalene, 2,3,...	10.33	4.5	ng	102114	3	9.98	452023	20.0
unknown10.38	10.38	4.6	ng	104154	3	9.98	452023	20.0
Tridecane	10.42	4.9	ng	111358	3	9.98	452023	20.0
Pentadecane, 2,6,...	10.87	17.5	ng	385566	4	11.48	441740	20.0
Heptadecane, 2,6,...	11.34	10.7	ng	236688	4	11.48	441740	20.0
unknown11.98	11.98	4.5	ng	100311	4	11.48	441740	20.0
Sulfurous acid, b...	15.62	6.5	ng	71831	6	15.67	219329	20.0
Heptacosane	16.06	6.7	ng	73623	6	15.67	219329	20.0