LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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	5.557	587	590	612	rBV	677087	801027	9.34%	2.549%
2	6.563	758	761	775	rBV	736619	876696	10.22%	2.790%
3	6.710	782	786	791	rBV	1053434	864968	10.08%	2.752%
4	6.940	821	825	832	rBV	448079	395897	4.62%	1.260%
5	7.092	848	851	859	rVB	665964	639124	7.45%	2.034%
6	7.504	918	921	928	rBV2	491805	617535	7.20%	1.965%
7	8.181	1034	1036	1040	rBV	213150	198226	2.31%	0.631%
8	8.222	1040	1043	1047	rVV	547014	512408	5.97%	1.630%
9	8.257	1047	1049	1053	rVB	115032	106917	1.25%	0.340%
10	8.498	1086	1090	1095	rVB4	97178	114669	1.34%	0.365%
11	8.622	1109	1111	1113	rVB	137966	96365	1.12%	0.307%
12	8.722	1124	1128	1130	rBV	112437	101402	1.18%	0.323%
13	8.792	1137	1140	1145	rBV	342020	265388	3.09%	0.844%
14	9.039	1179	1182	1186	rBV3	129726	130434	1.52%	0.415%
15	9.157	1199	1202	1205	rBV3	115669	103463	1.21%	0.329%
16	9.222	1211	1213	1217	rVB2	111888	89005	1.04%	0.283%
17	9.292	1222	1225	1233	rBV	960340	889509	10.37%	2.830%
18	9.357	1233	1236	1241	rBV	391983	336384	3.92%	1.070%
19	9.681	1287	1291	1292	rBV2	132878	154661	1.80%	0.492%
20	9.886	1323	1326	1331	rVB	352789	313882	3.66%	0.999%
21	9.981	1340	1342	1347	rVB	499950	461690	5.38%	1.469%
22	10.386	1408	1411	1414	rBV	338418	292962	3.42%	0.932%
23	10.610	1444	1449	1451	rBV	136214	160229	1.87%	0.510%
24	10.780	1474	1478	1484	rBV	386873	453848	5.29%	1.444%
25	10.863	1489	1492	1497	rBV	330337	368417	4.30%	1.172%
26	11.310	1565	1568	1571	rBV	263057	214516	2.50%	0.683%
27	11.339	1571	1573	1576	rVB	114665	88268	1.03%	0.281%
28	11.480	1593	1597	1599	rBV	450701	426856	4.98%	1.358%
29	11.739	1638	1641	1644	rVB	220118	163857	1.91%	0.521%
30	11.845	1655	1659	1662	rBV	2806135	2553120	29.76%	8.124%
31	11.980	1679	1682	1687	rBV4	90397	120308	1.40%	0.383%
32	12.145	1707	1710	1712	rBV	175442	135191	1.58%	0.430%
33	12.551	1772	1779	1780	rBV	5899129	8577605	100.00%	27.293%
34	12.569	1780	1782	1787	rVV2	5416146	5100505	59.46%	16.229%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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

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Peak separation: 5

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

35	12.639	1790	1794	1797	rVV	1317187	1081610	12.61%	3.442%
36	12.698	1801	1804	1811	rVB2	163876	240862	2.81%	0.766%
37	12.910	1837	1840	1842	rVV2	108612	103756	1.21%	0.330%
38	12.933	1842	1844	1850	rVB	108068	116060	1.35%	0.369%
39	13.063	1862	1866	1869	rBV	685060	593388	6.92%	1.888%
40	13.363	1913	1917	1919	rBV2	128546	123085	1.43%	0.392%
41	13.933	2011	2014	2020	rVB2	102683	100841	1.18%	0.321%
42	14.027	2028	2030	2036	rBV	122162	119176	1.39%	0.379%
43	14.133	2044	2048	2051	rBV	439343	436994	5.09%	1.390%
44	14.251	2065	2068	2073	rVB	113545	113632	1.32%	0.362%
45	14.557	2116	2120	2127	rBV2	195732	283760	3.31%	0.903%
46	14.868	2170	2173	2177	rVB	104972	111492	1.30%	0.355%
47	15.004	2192	2196	2205	rVB	191776	271948	3.17%	0.865%
48	15.221	2230	2233	2245	rVB2	179342	276054	3.22%	0.878%
49	15.615	2297	2300	2305	rVB2	118998	143820	1.68%	0.458%
50	15.668	2305	2309	2316	rVB	176835	243390	2.84%	0.774%
51	16.068	2373	2377	2382	rVB	156613	223803	2.61%	0.712%
52	16.598	2463	2467	2472	rVB	73260	119229	1.39%	0.379%

Sum of corrected areas: 31428232

LSC Report - Integrated Chromatogram

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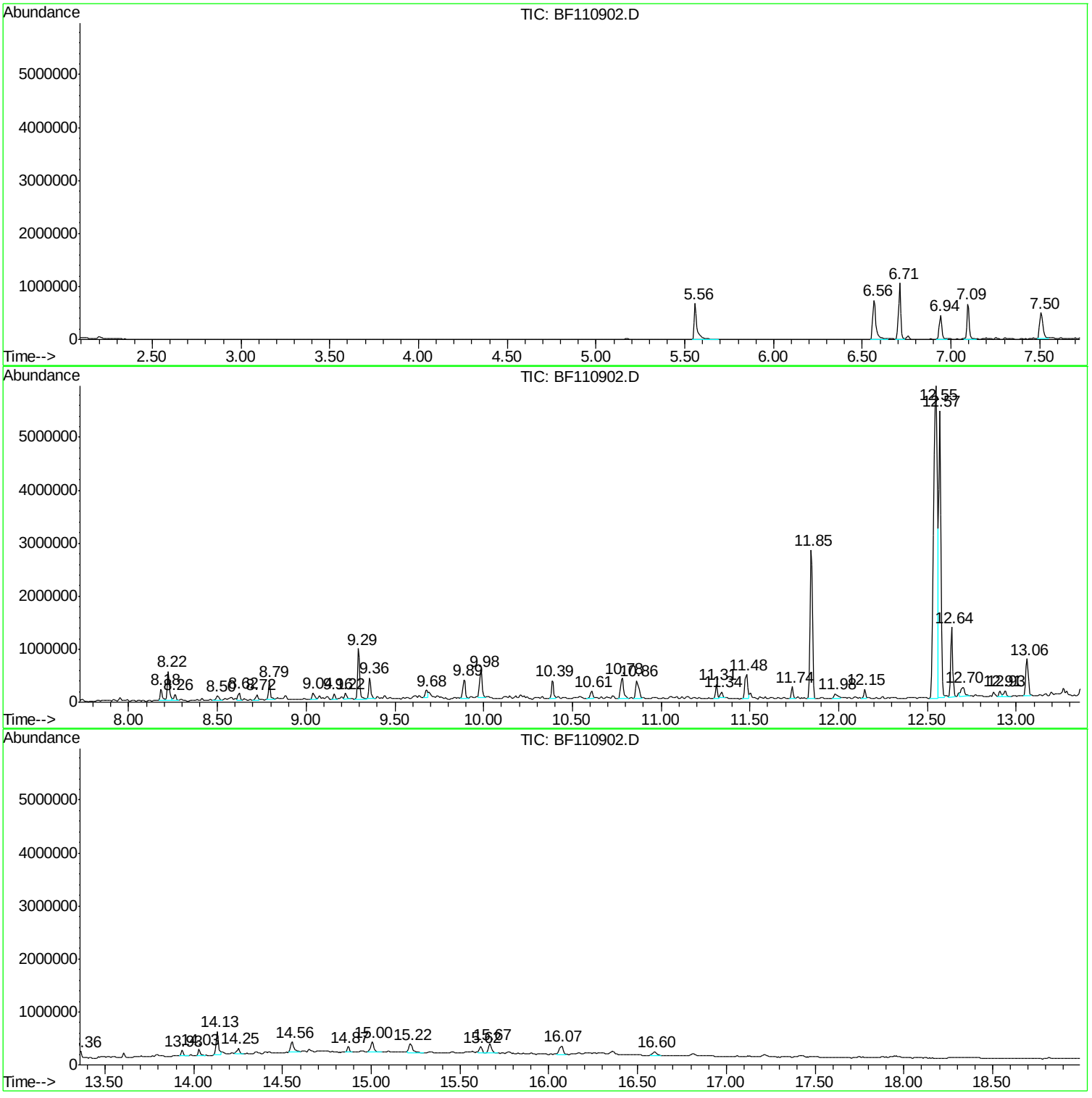
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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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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

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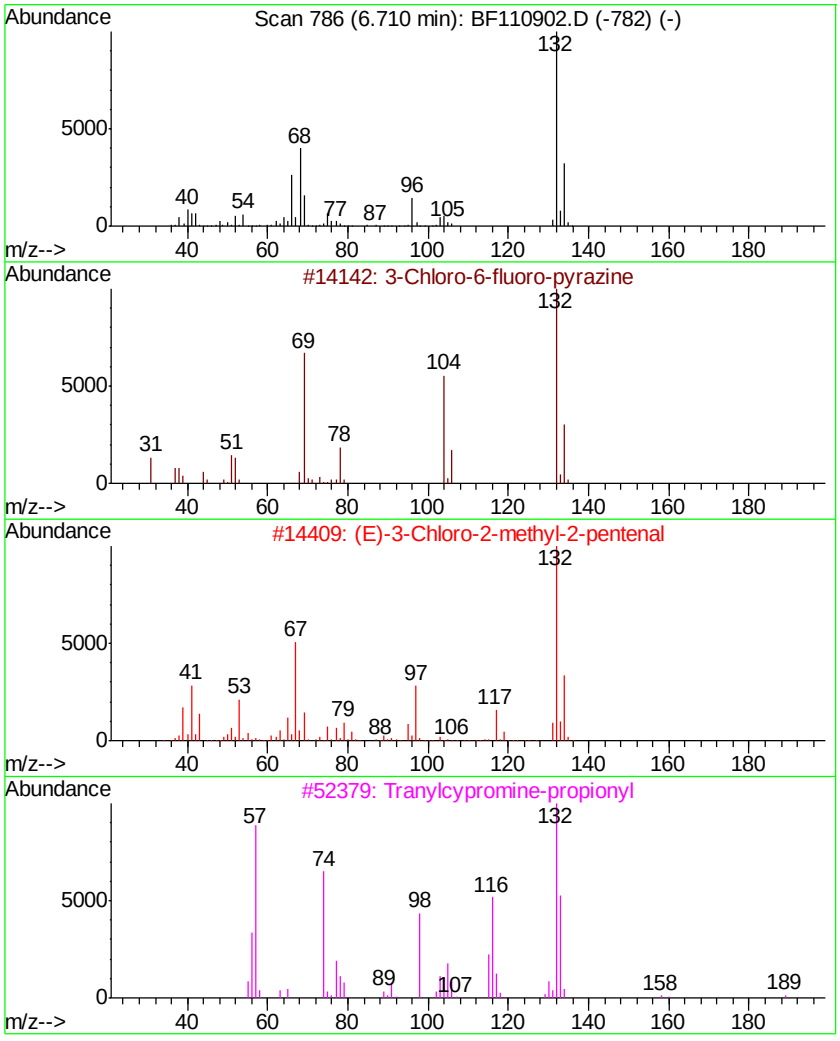
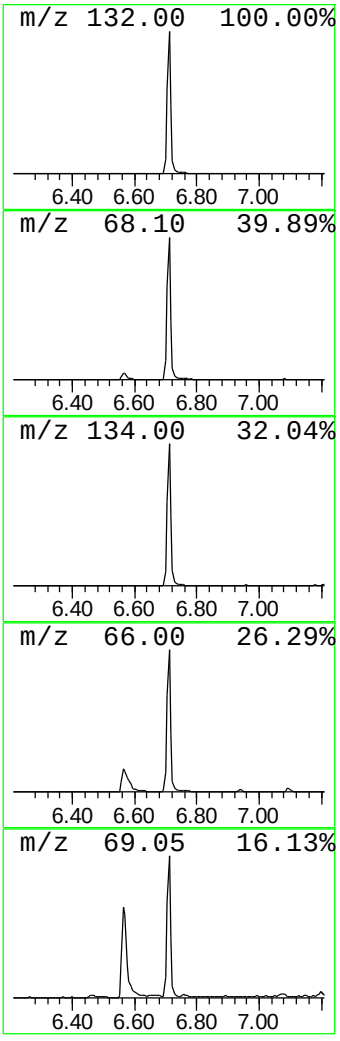
Peak Number 1 unknown6.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	43.70 ng	864968	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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

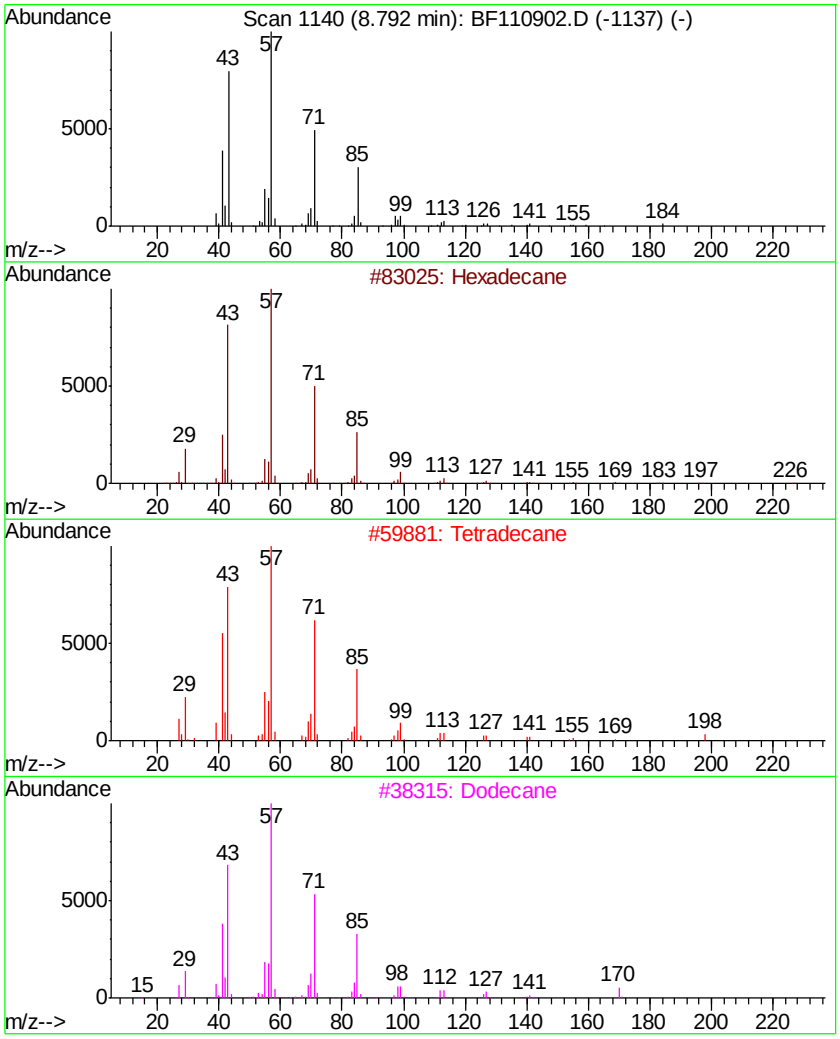
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

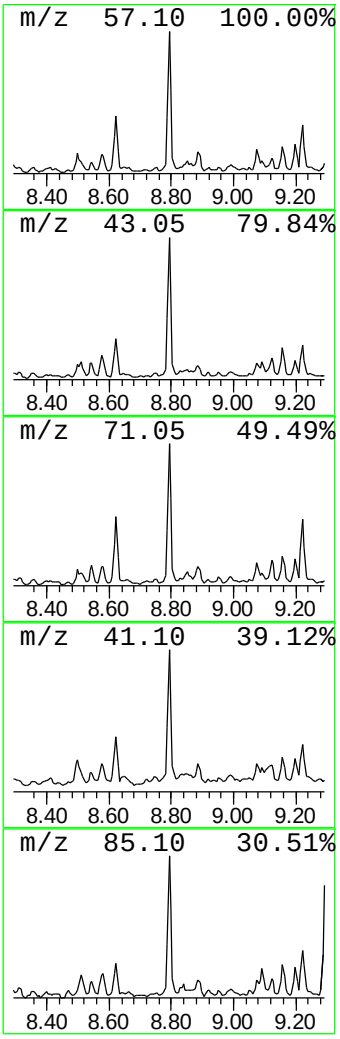
****

Peak Number 3 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	10.36 ng	265388	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
5	Tridecane	184	C13H28	000629-50-5	81





Library Search Compound Report

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Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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

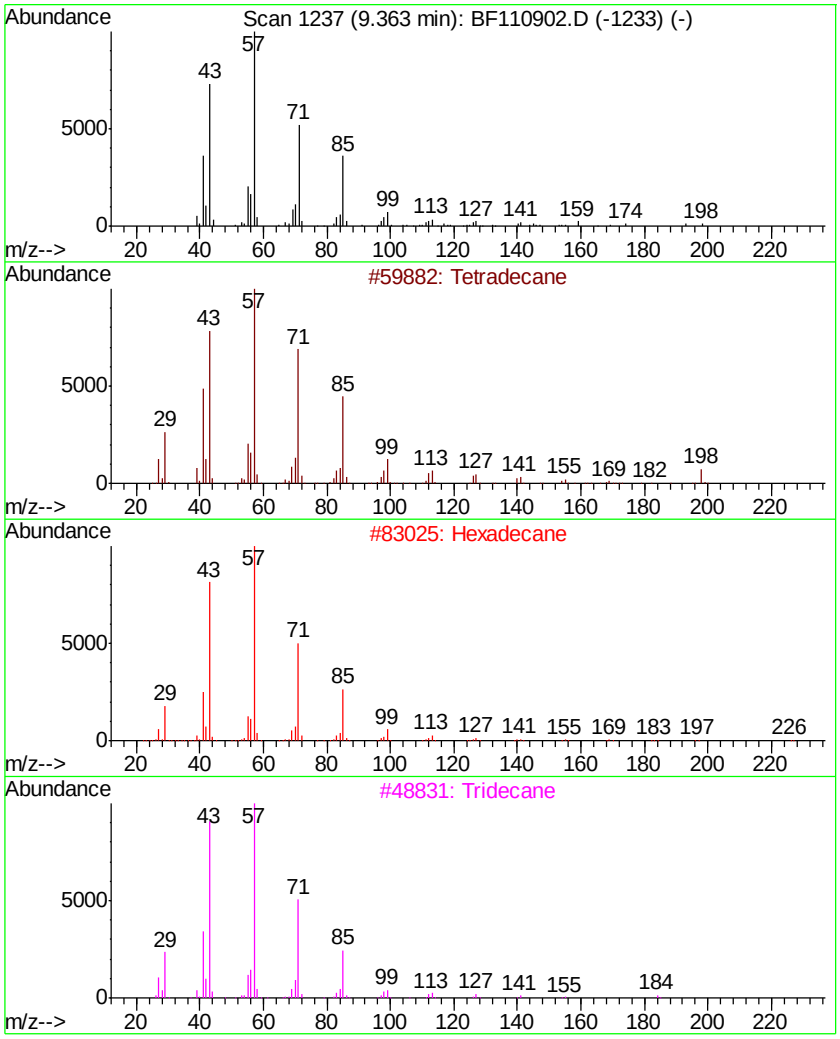
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

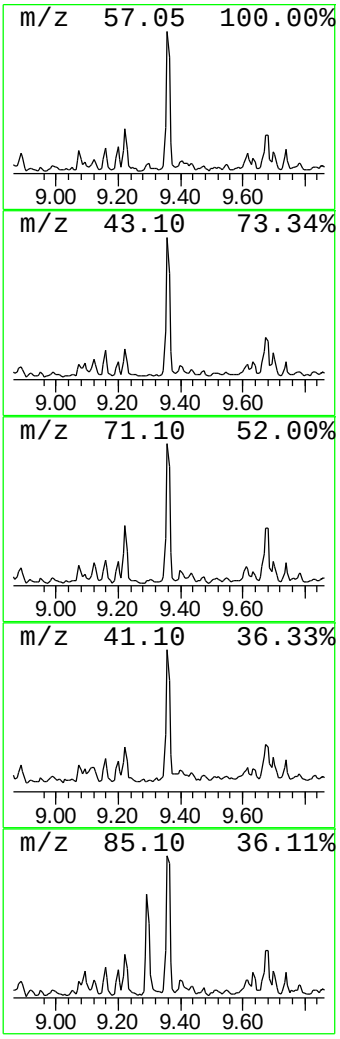
****

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	14.57 ng	336384	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5	Undecane	156	C11H24	001120-21-4	86





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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

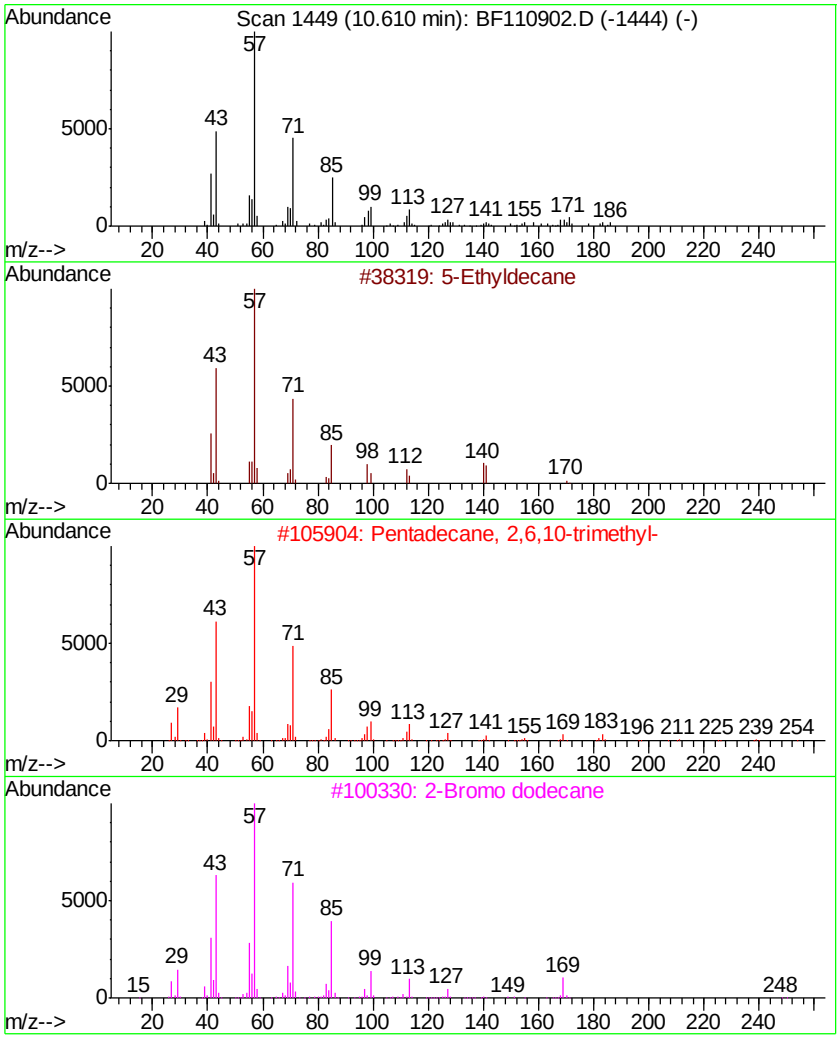
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

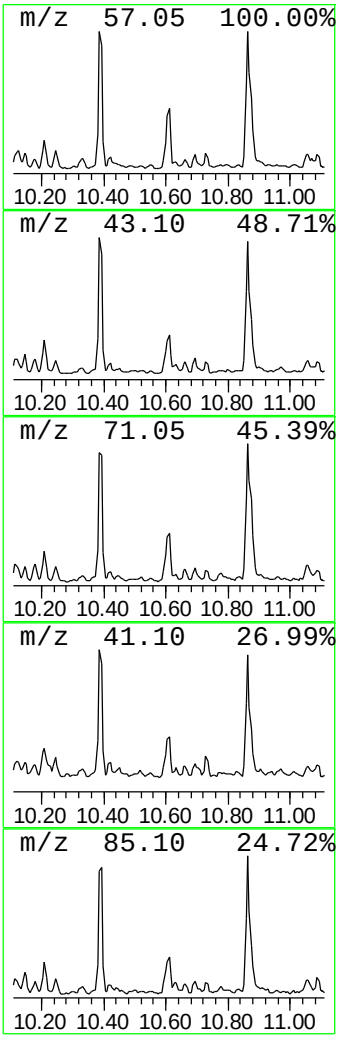
****

Peak Number 7 5-Ethyldecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	6.94 ng	160229	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	87
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





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Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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

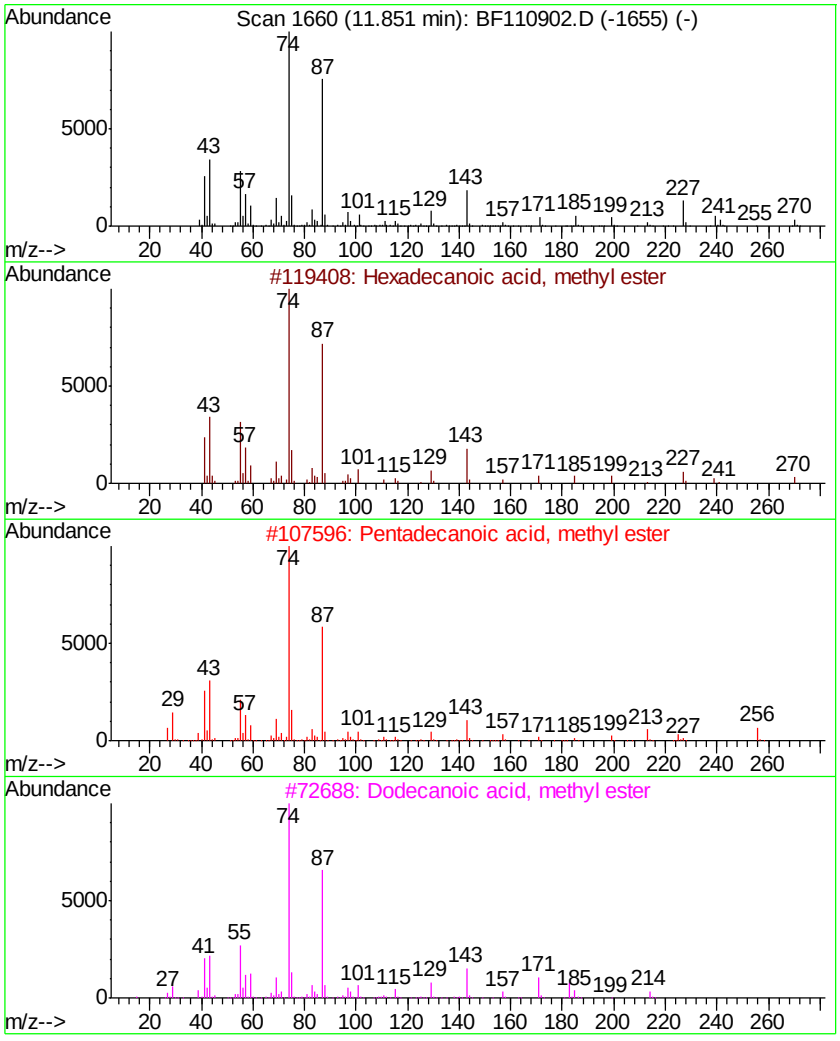
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

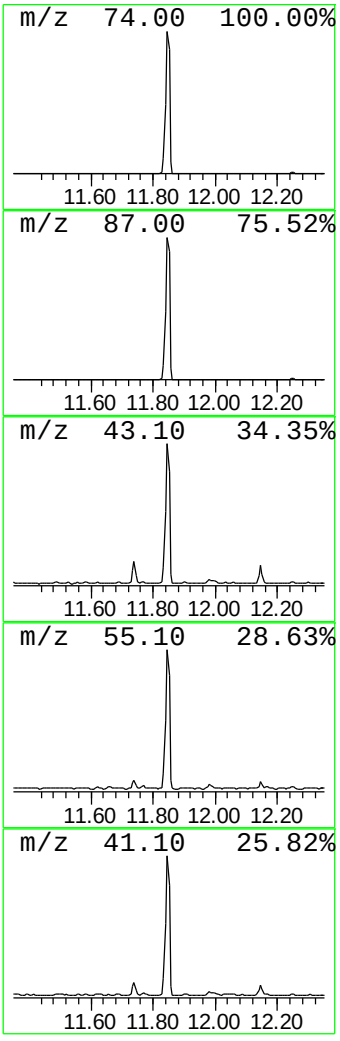
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	119.62 ng	2553120	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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

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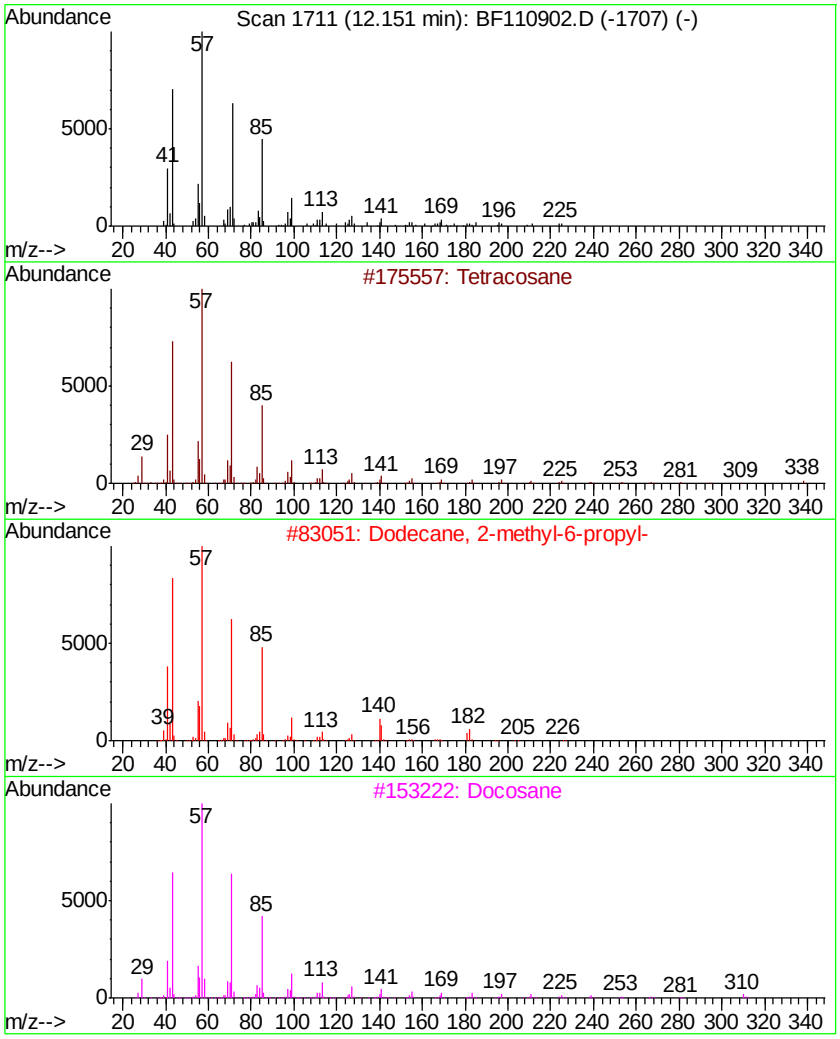
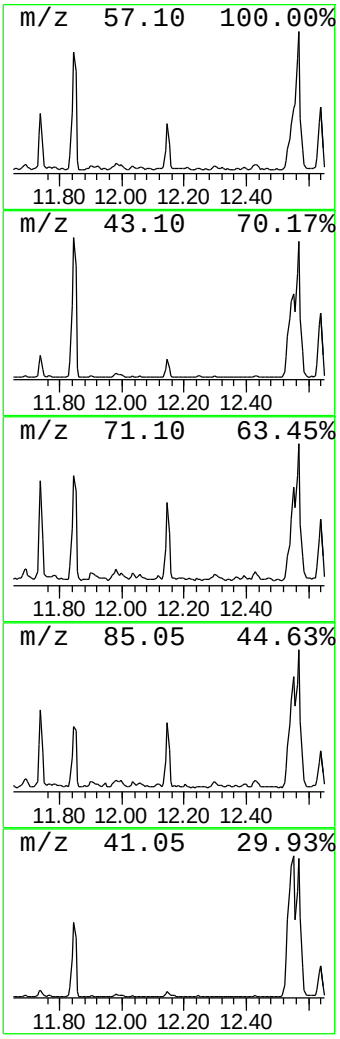
Peak Number 12 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	6.33 ng	135191	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Docosane	310	C22H46	000629-97-0	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83





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Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

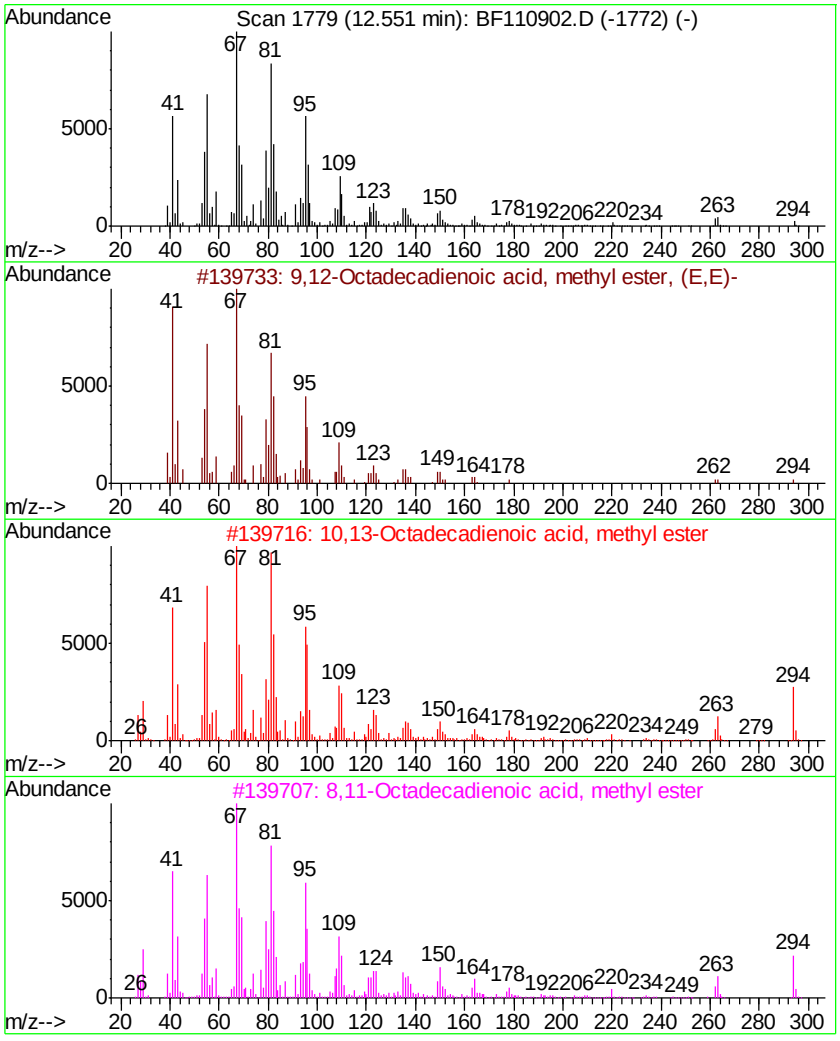
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

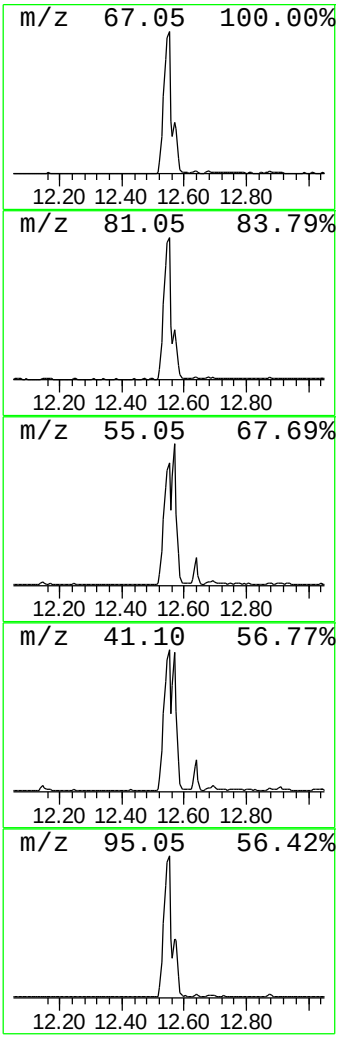
****

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	401.90 ng	8577610	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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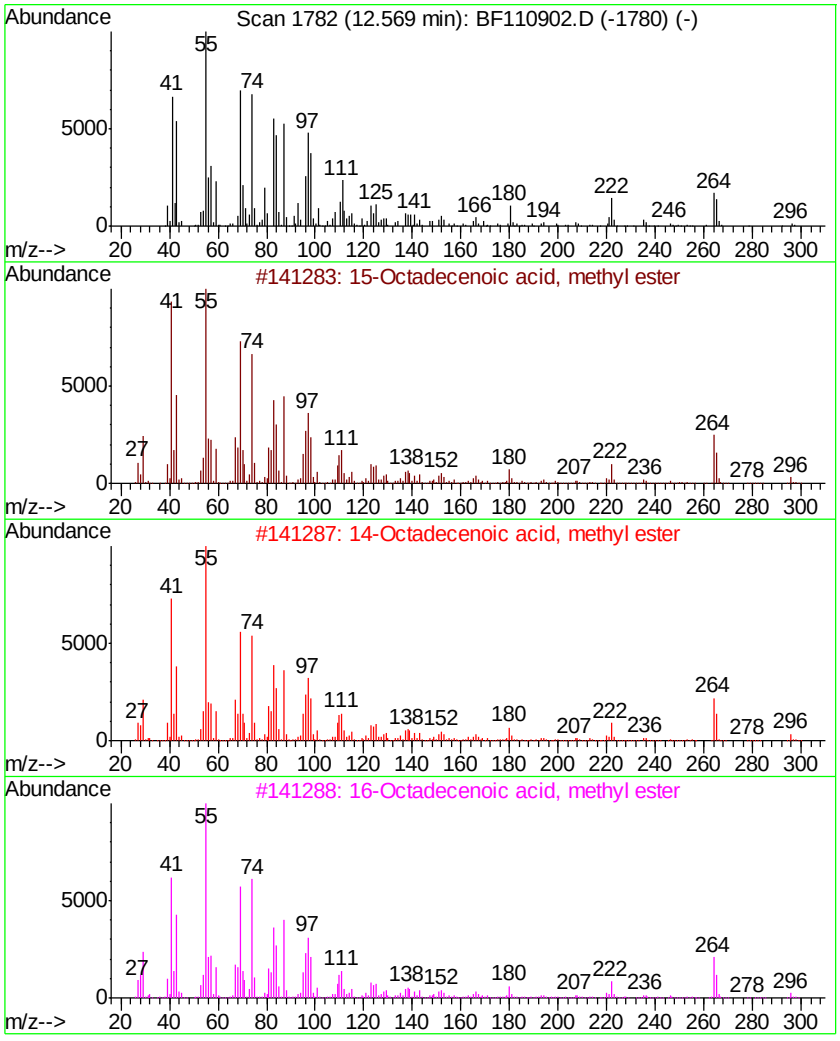
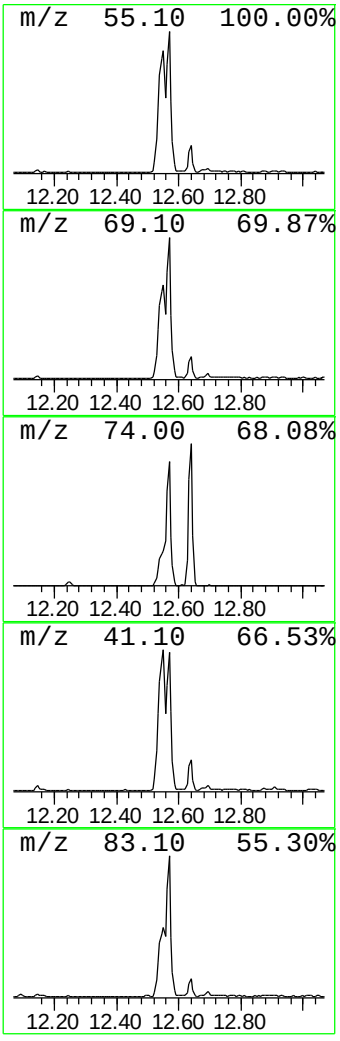
Peak Number 14 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	238.98 ng	5100510	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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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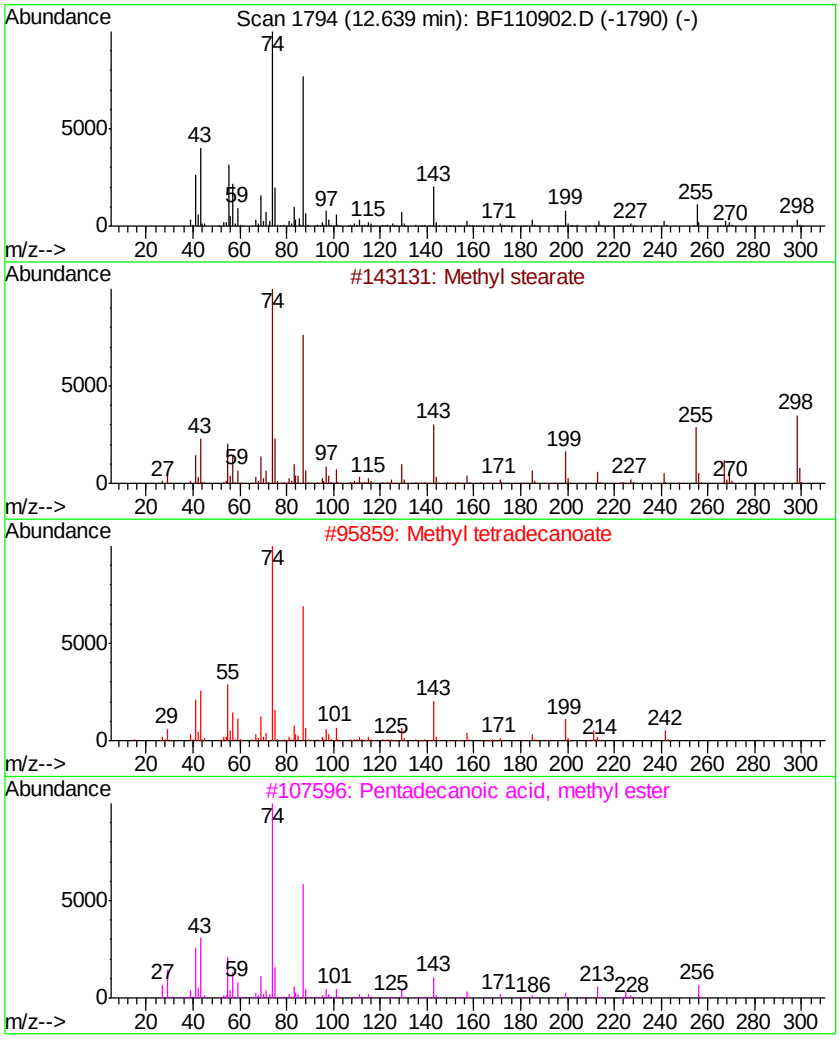
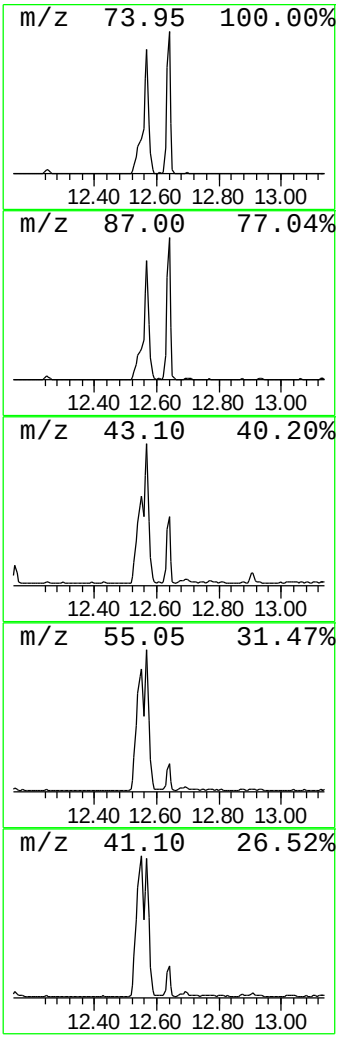
Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	50.68 ng	1081610	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87





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Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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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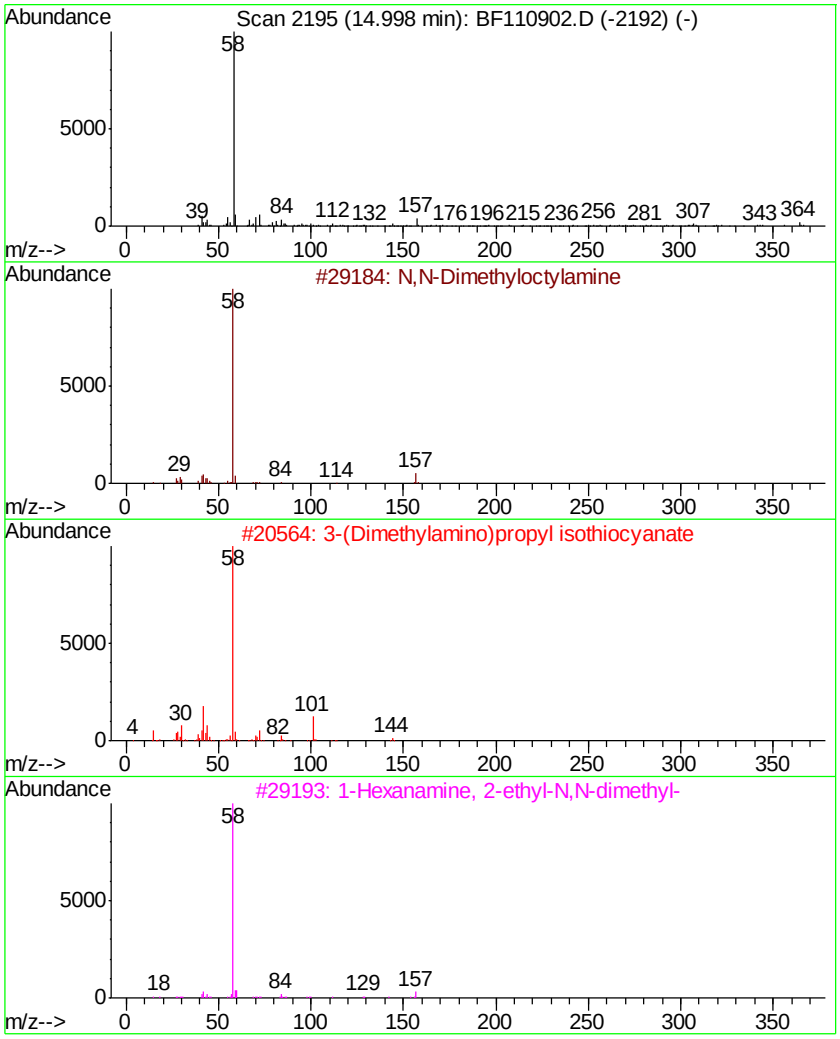
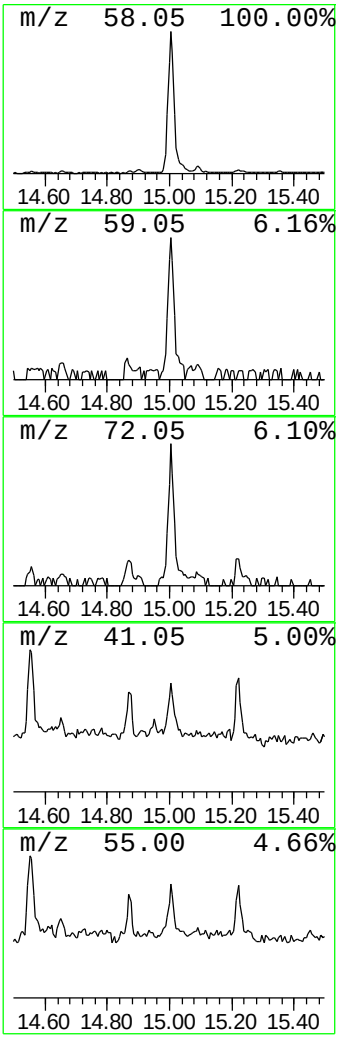
Peak Number 17 N,N-Dimethyloctylamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	22.35 ng	271948	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	64
5	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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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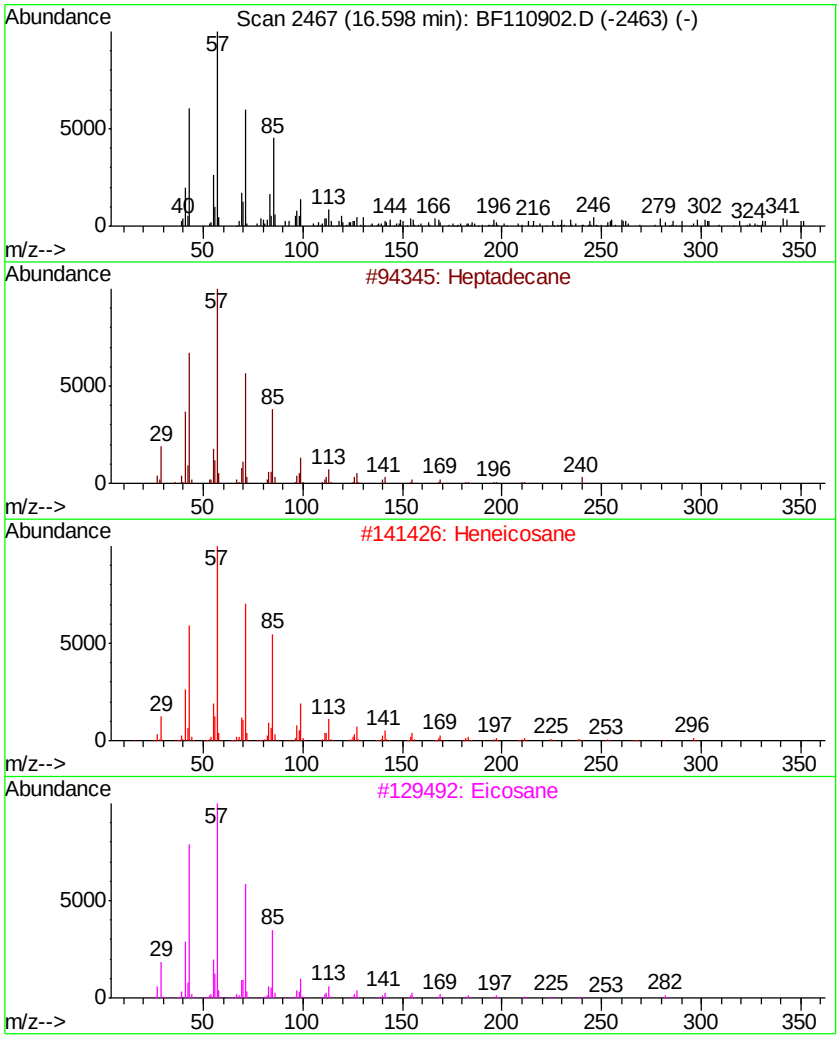
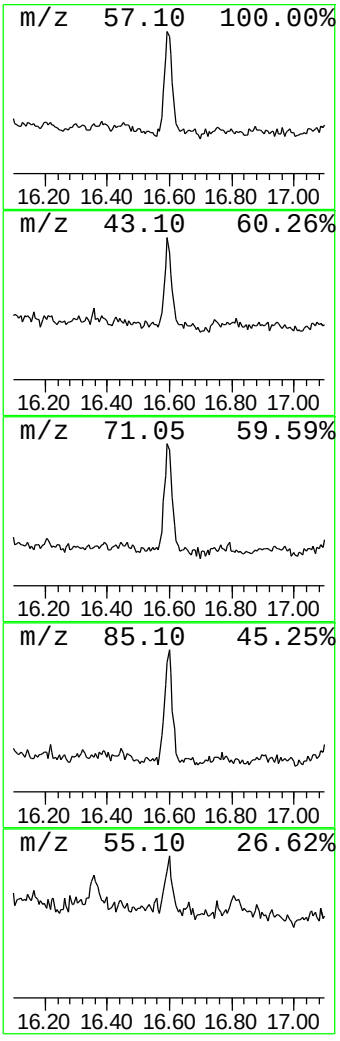
Peak Number 20 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	9.80 ng	119229	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Octadecane	254	C18H38	000593-45-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

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
unknown6.71	6.71	43.7	ng	864968	1	6.94	395897	20.0
Hexadecane	8.79	10.4	ng	265388	2	8.22	512408	20.0
Tetradecane	9.36	14.6	ng	336384	3	9.98	461690	20.0
5-Ethyldecane	10.61	6.9	ng	160229	3	9.98	461690	20.0
Hexadecanoic acid...	11.85	119.6	ng	2553120	4	11.48	426856	20.0
Tetracosane	12.15	6.3	ng	135191	4	11.48	426856	20.0
9,12-Octadecadien...	12.55	401.9	ng	8577610	4	11.48	426856	20.0
15-Octadecenoic a...	12.57	239.0	ng	5100510	4	11.48	426856	20.0
Methyl stearate	12.64	50.7	ng	1081610	4	11.48	426856	20.0
N,N-Dimethyloctyl...	15.00	22.4	ng	271948	6	15.67	243390	20.0
Heptadecane	16.60	9.8	ng	119229	6	15.67	243390	20.0