LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104199.D
Acq On : 4 Apr 2018 00:08
Operator : JU/SJ
Sample : J2182-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-1-WW@5.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.287	29	34	43	rVB	106056	148265	4.85%	0.595%
2	2.634	86	93	101	rVB2	24311	53980	1.77%	0.217%
3	4.093	337	341	349	rBV	16028	31141	1.02%	0.125%
4	5.204	526	530	539	rBV	72834	106467	3.48%	0.427%
5	5.592	592	596	624	rBV	1866794	2388616	78.17%	9.591%
6	6.598	762	767	786	rBV	1694319	2562942	83.87%	10.291%
7	6.734	786	790	813	rVB	2243767	2694053	88.16%	10.817%
8	6.957	825	828	851	rBV	362688	542221	17.74%	2.177%
9	7.110	851	854	880	rVB	1812469	2102600	68.81%	8.442%
10	7.528	921	925	947	rBV	986004	1629278	53.32%	6.542%
11	8.239	1042	1046	1061	rBV	646145	777229	25.44%	3.121%
12	9.310	1224	1228	1237	rBV	2799241	3055708	100.00%	12.269%
13	9.704	1289	1295	1302	rBV	218320	246676	8.07%	0.990%
14	9.904	1326	1329	1333	rBV	66066	50783	1.66%	0.204%
15	9.998	1341	1345	1356	rBV	931243	922508	30.19%	3.704%
16	10.404	1412	1414	1417	rVB	88669	63083	2.06%	0.253%
17	10.792	1476	1480	1492	rBV	1425549	1817715	59.49%	7.299%
18	10.874	1492	1494	1505	rVB	80364	125293	4.10%	0.503%
19	11.492	1596	1599	1613	rBV	744490	922181	30.18%	3.703%
20	12.716	1802	1807	1812	rBV	27698	32683	1.07%	0.131%
21	12.945	1839	1846	1852	rBV	27997	44892	1.47%	0.180%
22	13.080	1864	1869	1888	rBV	2470697	2779314	90.95%	11.160%
23	13.951	2014	2017	2022	rBV	77664	82986	2.72%	0.333%
24	14.151	2047	2051	2061	rBV	533039	751097	24.58%	3.016%
25	14.892	2173	2177	2185	rBV	251227	305775	10.01%	1.228%
26	14.980	2189	2192	2197	rVB	57277	62978	2.06%	0.253%
27	15.692	2308	2313	2325	rVB	343641	604592	19.79%	2.428%

Sum of corrected areas: 24905056

LSC Report - Integrated Chromatogram

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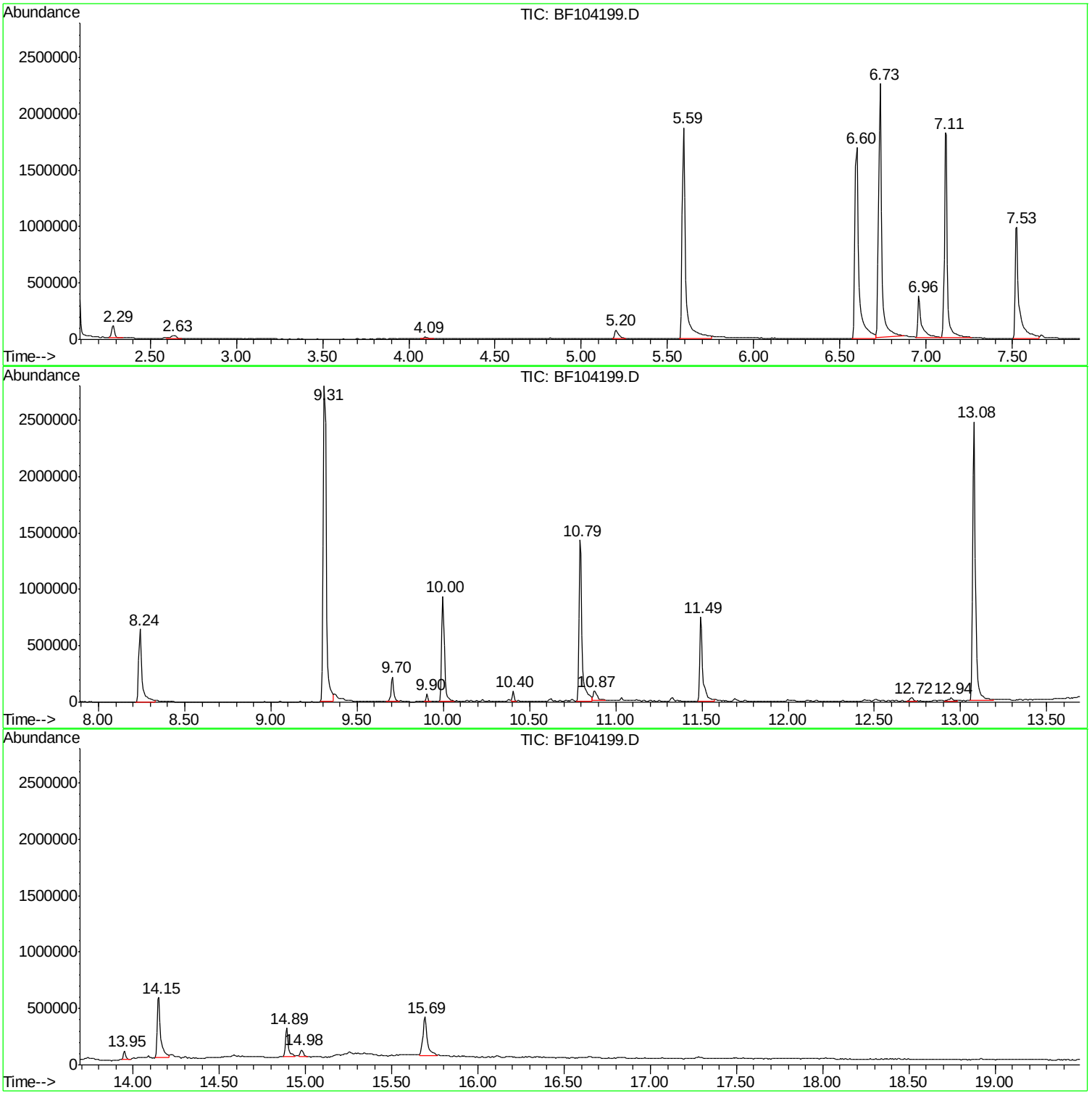
Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-1-WW@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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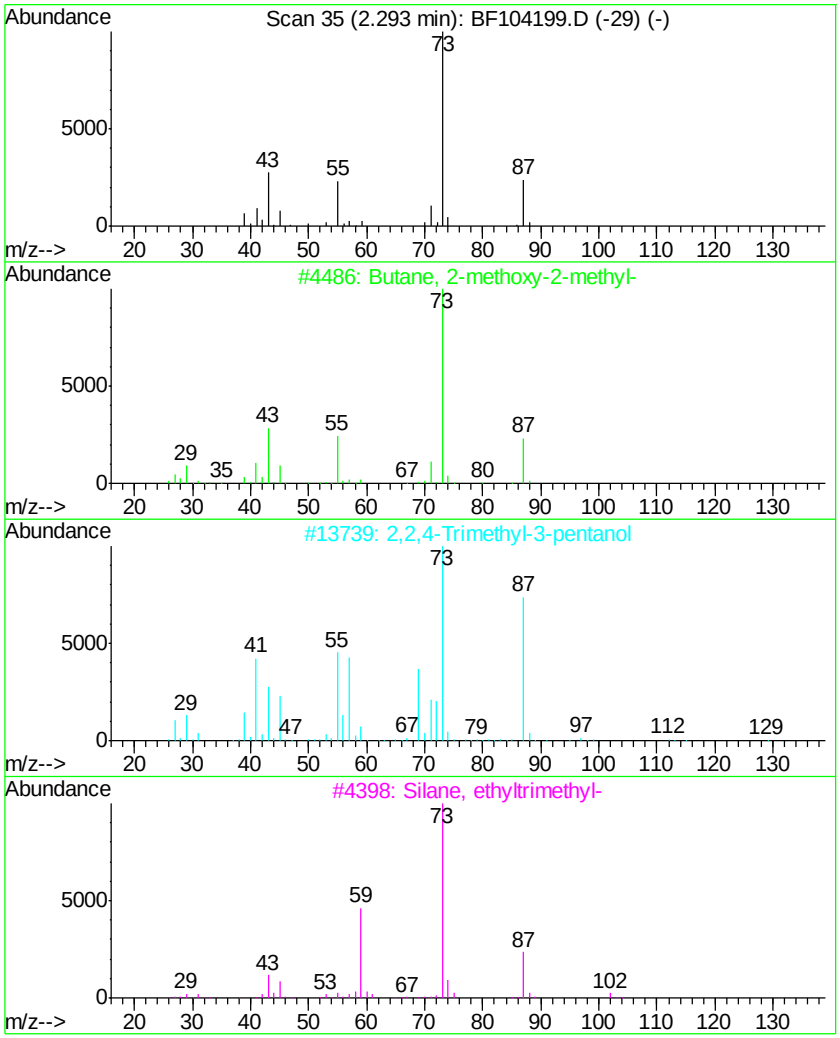
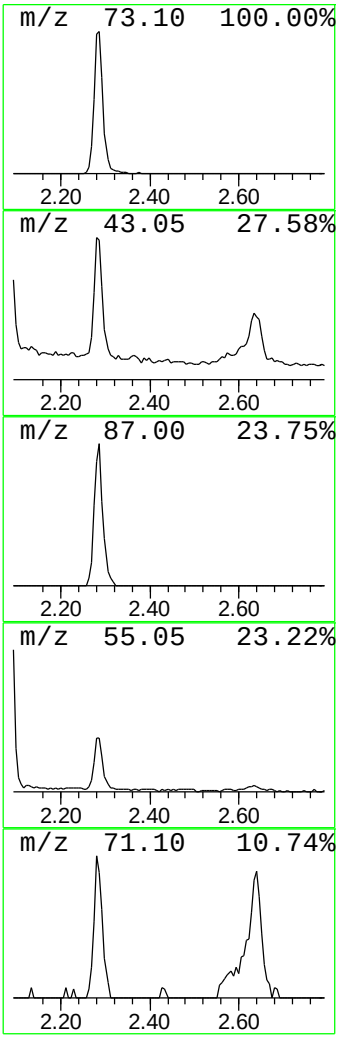
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	5.47 ng	148265	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-1-WW@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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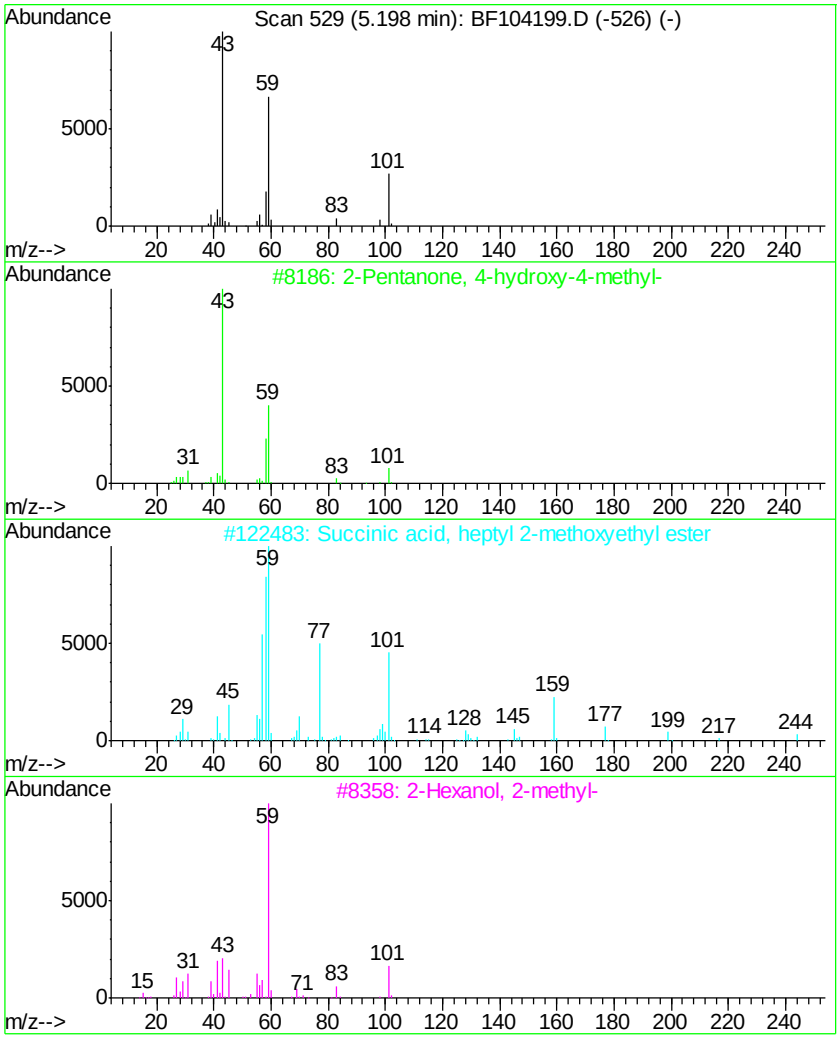
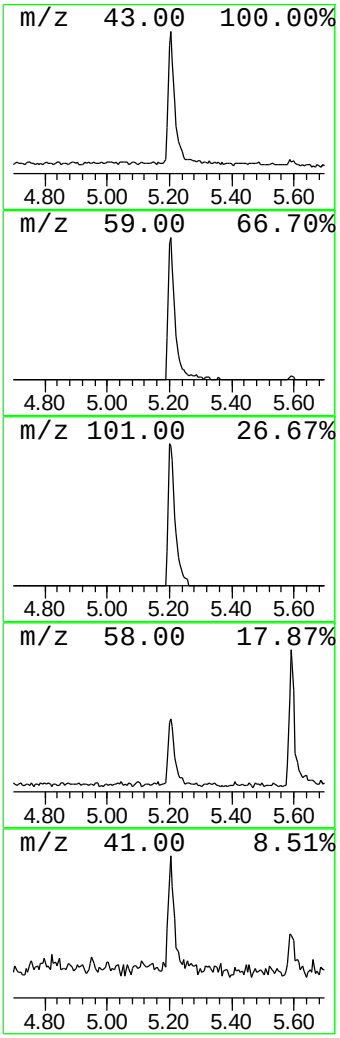
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.93 ng	106467	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	12
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Sample : J2182-03
Misc :
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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-1-WW@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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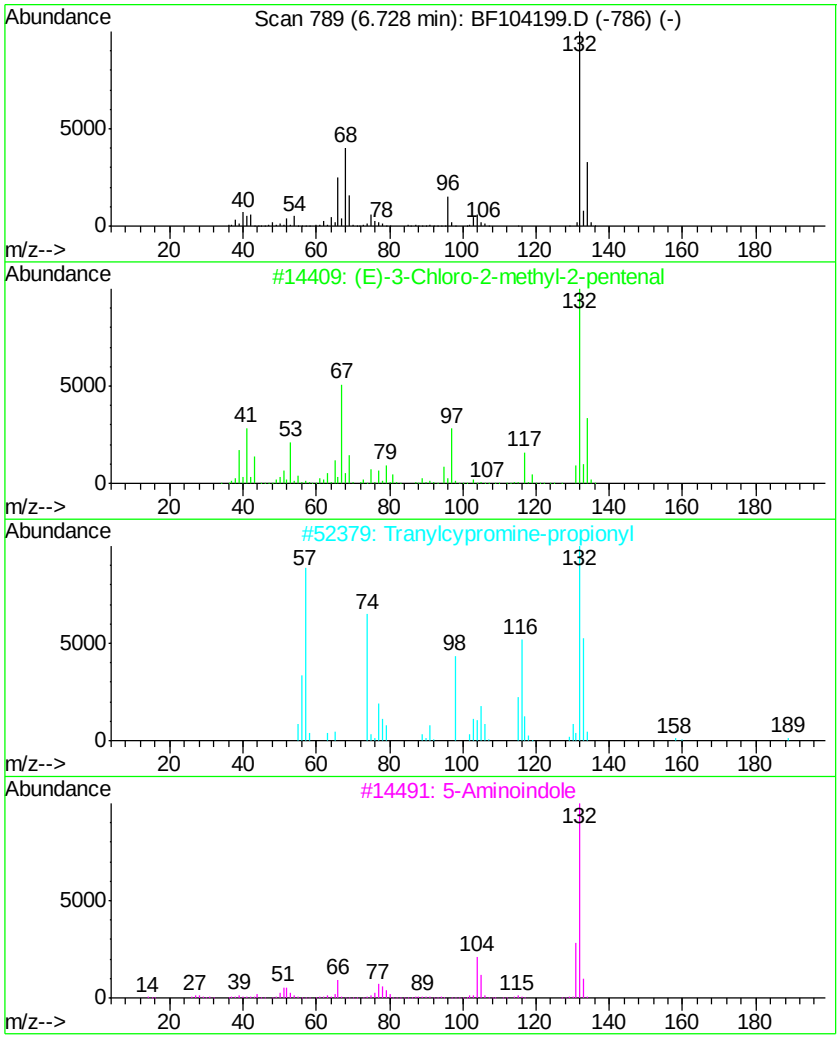
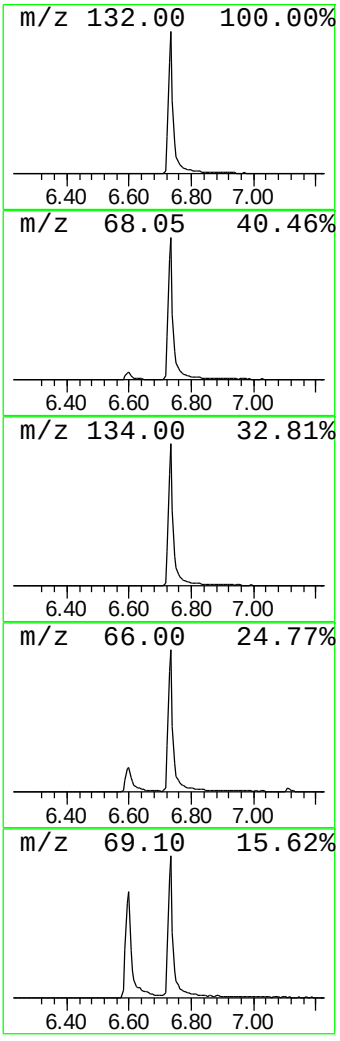
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	99.37 ng	2694050	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-1-WW@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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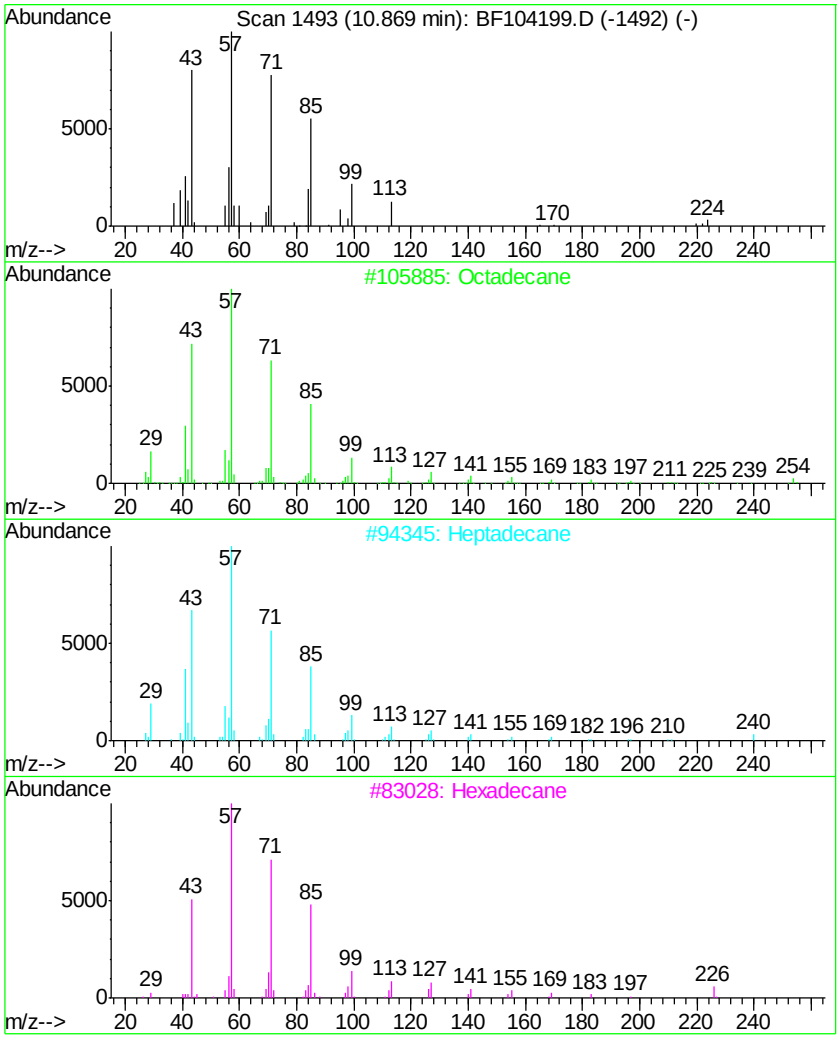
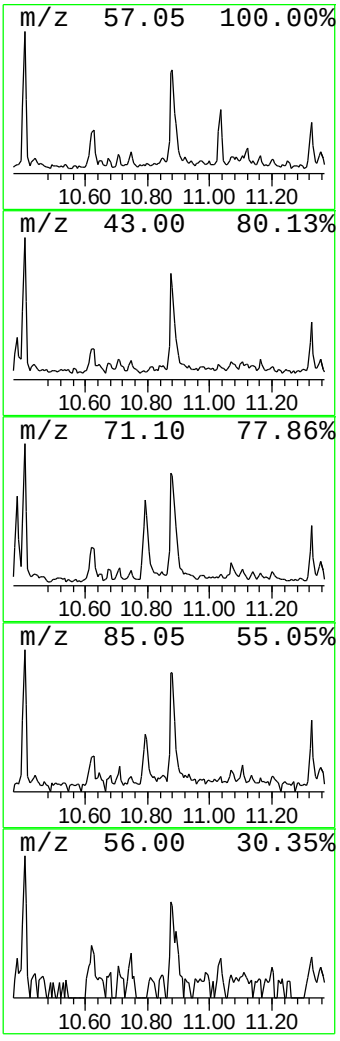
Peak Number 5 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.72 ng	125293	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Dodecane	170	C12H26	000112-40-3	90





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Instrument : BNA_F
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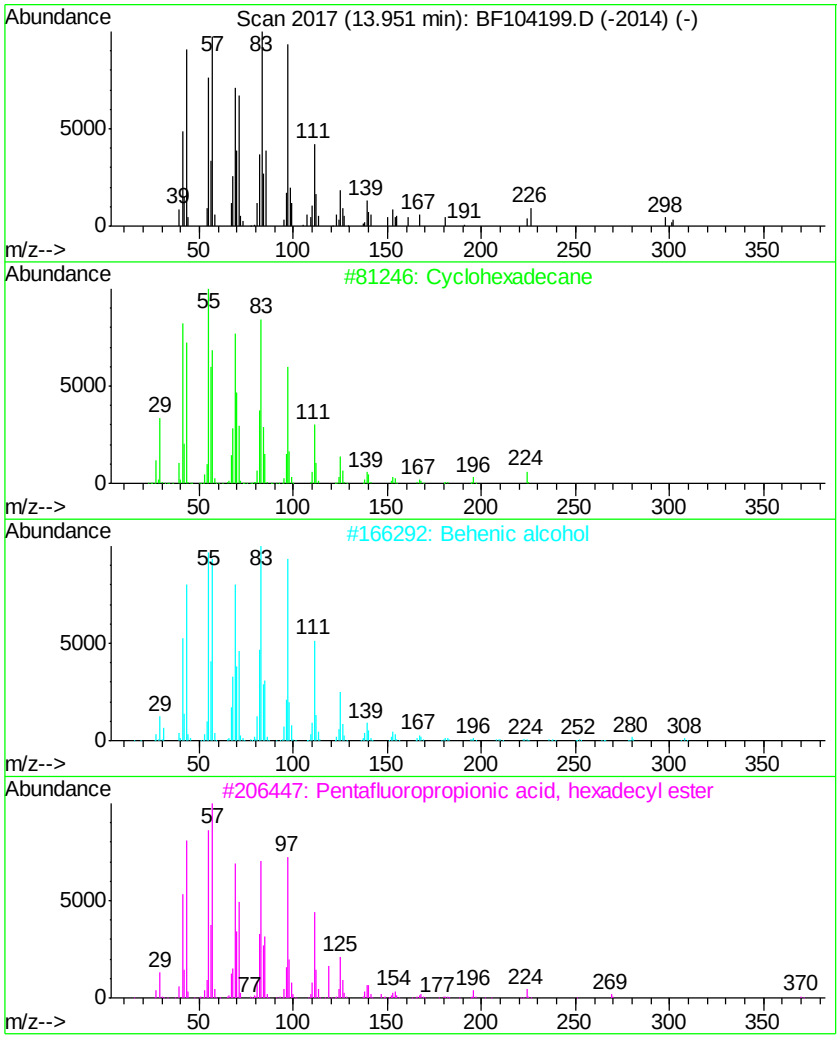
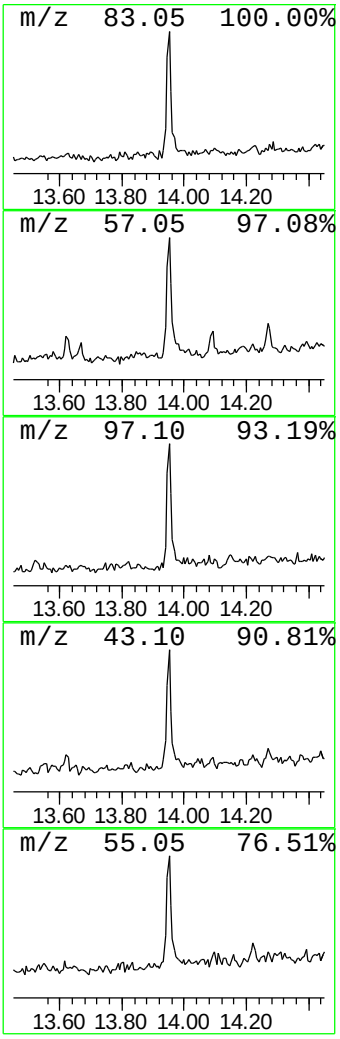
Peak Number 6 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.21 ng	82986	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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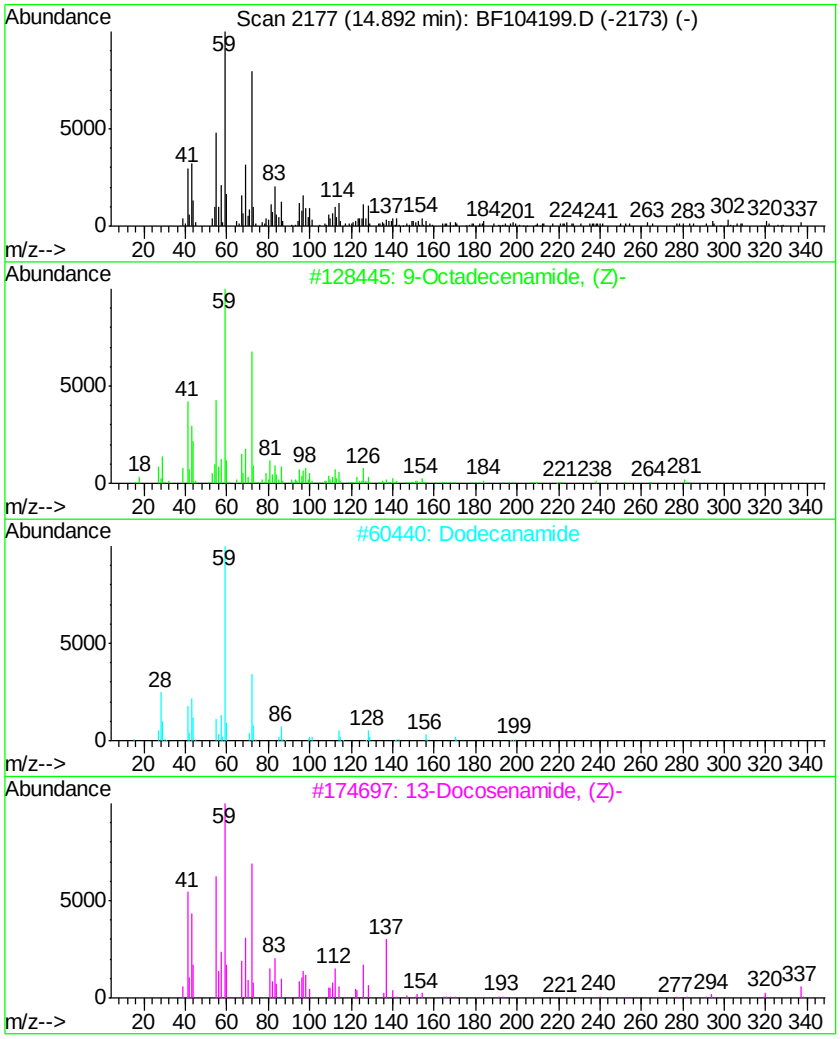
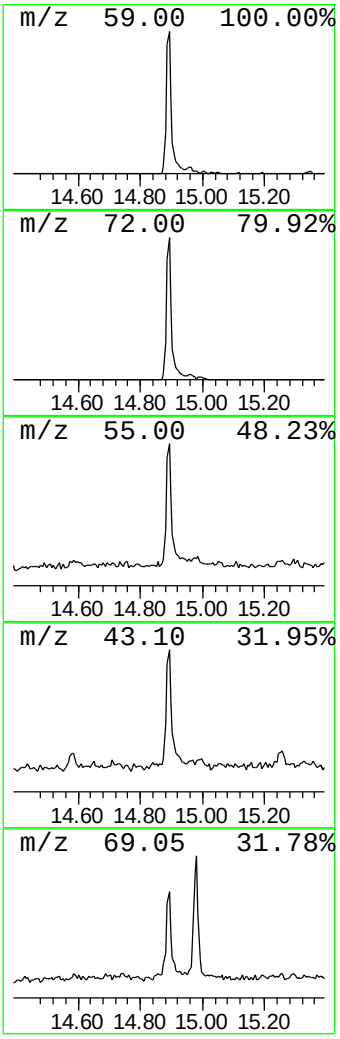
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	8.14 ng	305775	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Dodecanamide	199	C12H25NO	001120-16-7	50
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	43
4	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38
5	Cyclopentylsilane	100	C5H12Si	080249-74-7	30





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

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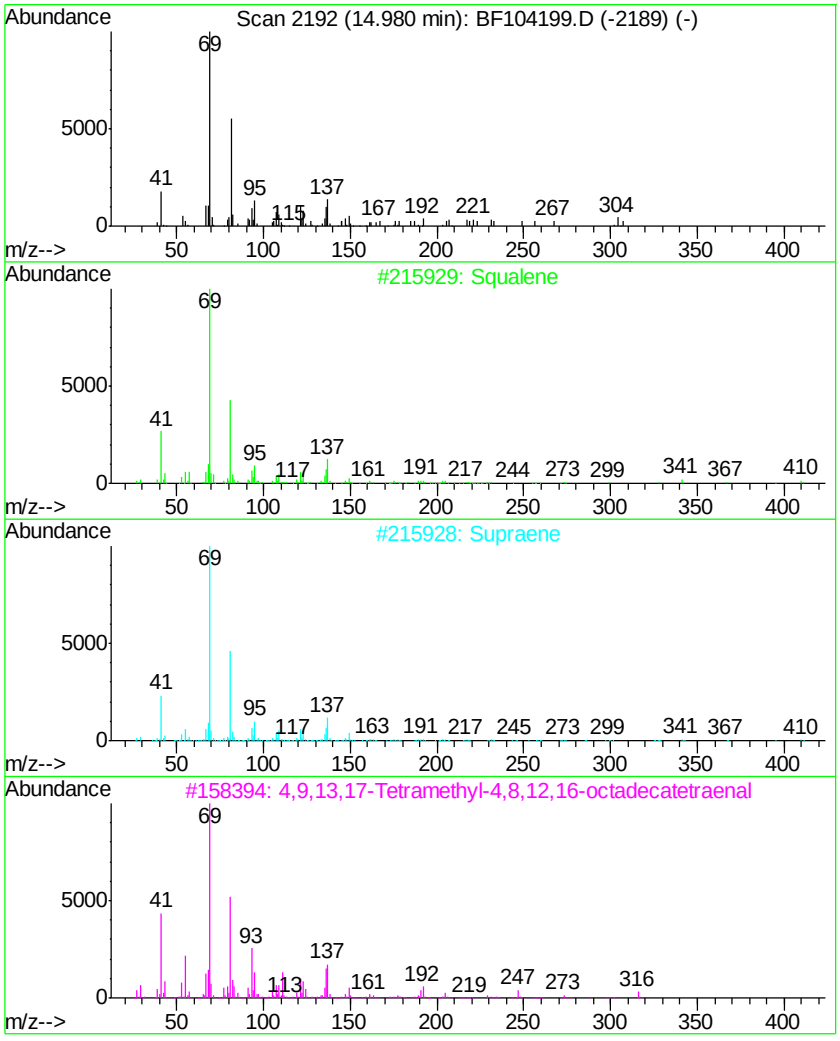
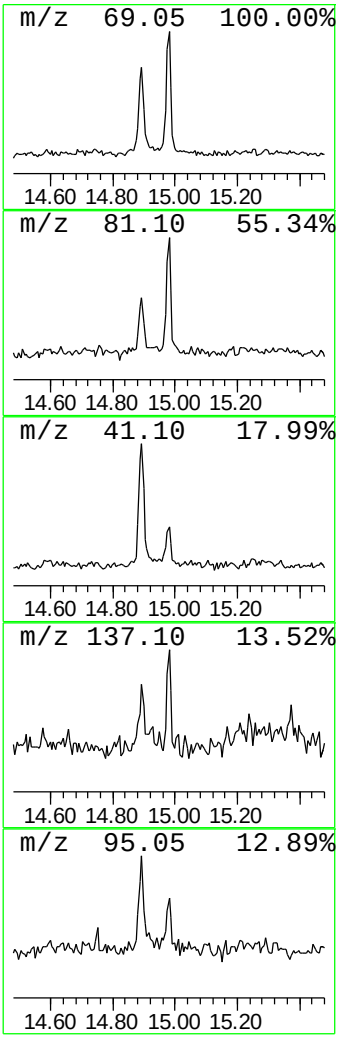
Peak Number 8 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.08 ng	62978	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	86
2	Supraene	410	C30H50	007683-64-9	83
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
4	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	64
5	trans-Farnesol	222	C15H26O	000106-28-5	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.29	5.5	ng	148265	1	6.96	542221	20.0
2-Pentanone, 4-hy...	5.20	3.9	ng	106467	1	6.96	542221	20.0
unknown6.73	6.73	99.4	ng	2694050	1	6.96	542221	20.0
Octadecane	10.87	2.7	ng	125293	4	11.49	922181	20.0
Cyclohexadecane	13.95	2.2	ng	82986	5	14.15	751097	20.0
9-Octadecenamide,...	14.89	8.1	ng	305775	5	14.15	751097	20.0
Squalene	14.98	2.1	ng	62978	6	15.69	604592	20.0