LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

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-BF102318.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	2.252	24	28	45	rVB	153847	260700	3.26%	0.926%
2	5.575	589	593	611	rBV	791160	859177	10.76%	3.052%
3	6.575	759	763	784	rBV	962102	973331	12.19%	3.458%
4	6.722	784	788	795	rBV	1129761	947197	11.86%	3.365%
5	6.957	824	828	834	rBV	543282	515730	6.46%	1.832%
6	7.110	850	854	867	rVB	856247	738833	9.25%	2.625%
7	7.516	919	923	934	rBV	508855	557615	6.98%	1.981%
8	8.239	1042	1046	1051	rBV	587816	564676	7.07%	2.006%
9	9.310	1224	1228	1236	rBV	1069325	1000636	12.53%	3.555%
10	9.698	1290	1294	1299	rBV2	127365	152910	1.91%	0.543%
11	9.904	1326	1329	1333	rVB	128516	107872	1.35%	0.383%
12	9.998	1342	1345	1349	rVB	608051	538514	6.74%	1.913%
13	10.404	1410	1414	1417	rBV	196700	156345	1.96%	0.555%
14	10.622	1447	1451	1454	rBV	81668	101819	1.27%	0.362%
15	10.786	1476	1479	1488	rBV	388741	445514	5.58%	1.583%
16	10.880	1492	1495	1504	rVB	184148	257153	3.22%	0.913%
17	11.327	1568	1571	1573	rBV	174813	135151	1.69%	0.480%
18	11.486	1595	1598	1601	rBV	471605	489384	6.13%	1.738%
19	11.751	1641	1643	1646	rBV	146044	114741	1.44%	0.408%
20	11.857	1657	1661	1664	rBV	2664672	2182260	27.32%	7.752%
21	11.992	1681	1684	1687	rBV2	103586	103204	1.29%	0.367%
22	12.157	1709	1712	1715	rBV	113273	115633	1.45%	0.411%
23	12.421	1754	1757	1763	rVB3	93248	104866	1.31%	0.373%
24	12.557	1774	1780	1782	rBV	6104089	7986376	100.00%	28.370%
25	12.574	1782	1783	1789	rVV2	5140910	4124085	51.64%	14.650%
26	12.651	1792	1796	1799	rVV	1194559	953557	11.94%	3.387%
27	12.704	1803	1805	1808	rVV2	183006	204240	2.56%	0.726%
28	12.739	1808	1811	1813	rVB2	81268	94492	1.18%	0.336%
29	12.886	1833	1836	1839	rVV	219547	184403	2.31%	0.655%
30	12.921	1839	1842	1844	rVV	107432	104514	1.31%	0.371%
31	12.939	1844	1845	1850	rVB	110454	100378	1.26%	0.357%
32	13.068	1863	1867	1870	rBV	885343	748571	9.37%	2.659%
33	13.210	1888	1891	1893	rBV	230398	200190	2.51%	0.711%
34	13.298	1904	1906	1910	rVB3	103388	86697	1.09%	0.308%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.374	1916	1919	1921	rVB	136181	111075	1.39%	0.395%
36	13.945	2014	2016	2022	rBV2	96170	98172	1.23%	0.349%
37	14.039	2029	2032	2036	rBV	113140	113771	1.42%	0.404%
38	14.139	2045	2049	2052	rBV	468748	488858	6.12%	1.737%
39	14.262	2067	2070	2074	rBV	86978	81939	1.03%	0.291%
40	14.568	2119	2122	2129	rVB2	137129	163164	2.04%	0.580%
41	14.886	2173	2176	2180	rVB	92602	96801	1.21%	0.344%
42	15.015	2194	2198	2206	rVB	188383	294204	3.68%	1.045%
43	15.233	2233	2235	2240	rVB	117924	129022	1.62%	0.458%
44	15.627	2300	2302	2305	rBV	71285	92428	1.16%	0.328%
45	15.662	2305	2308	2313	rVB	210595	270517	3.39%	0.961%

Sum of corrected areas: 28150715

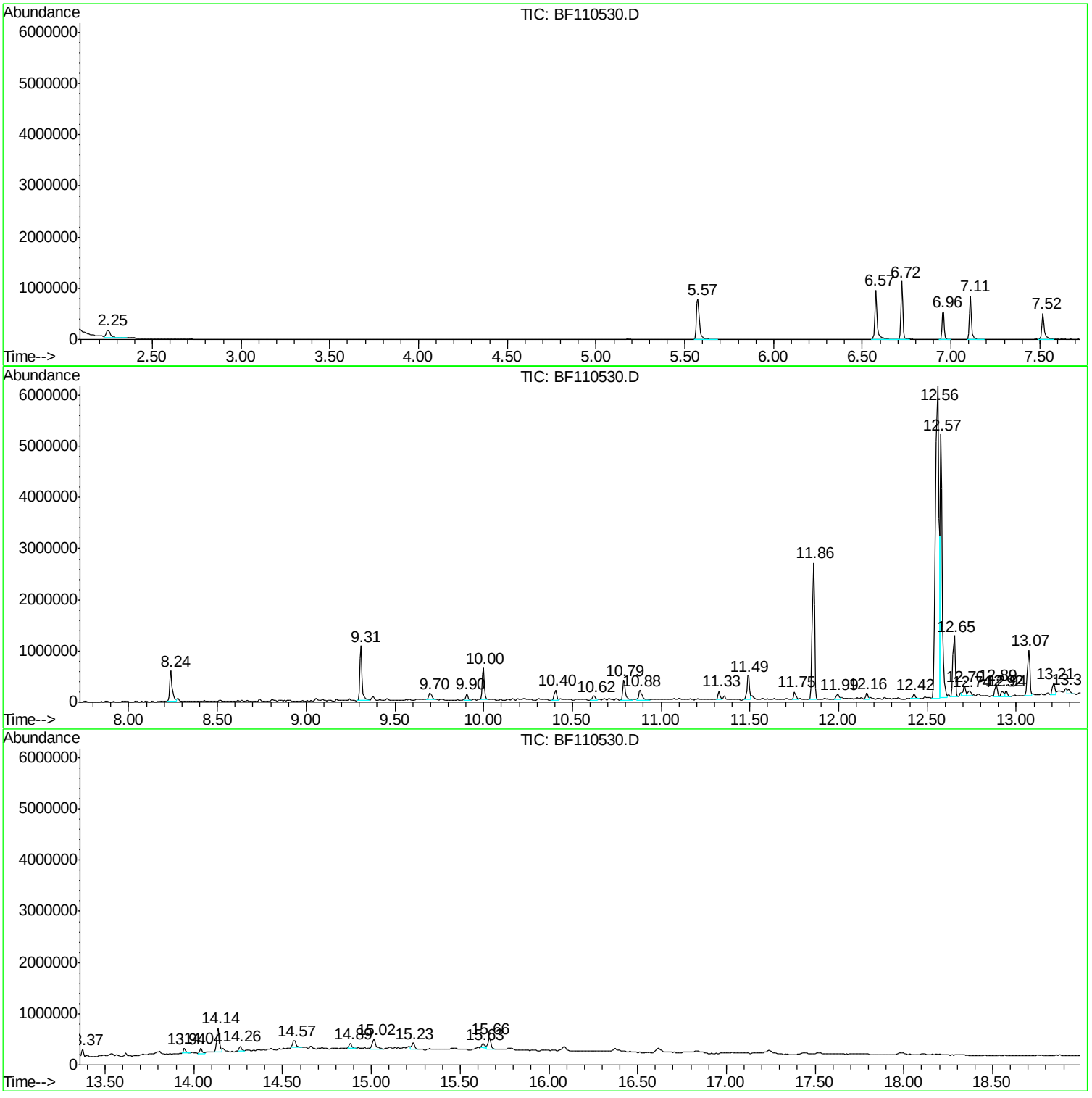
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

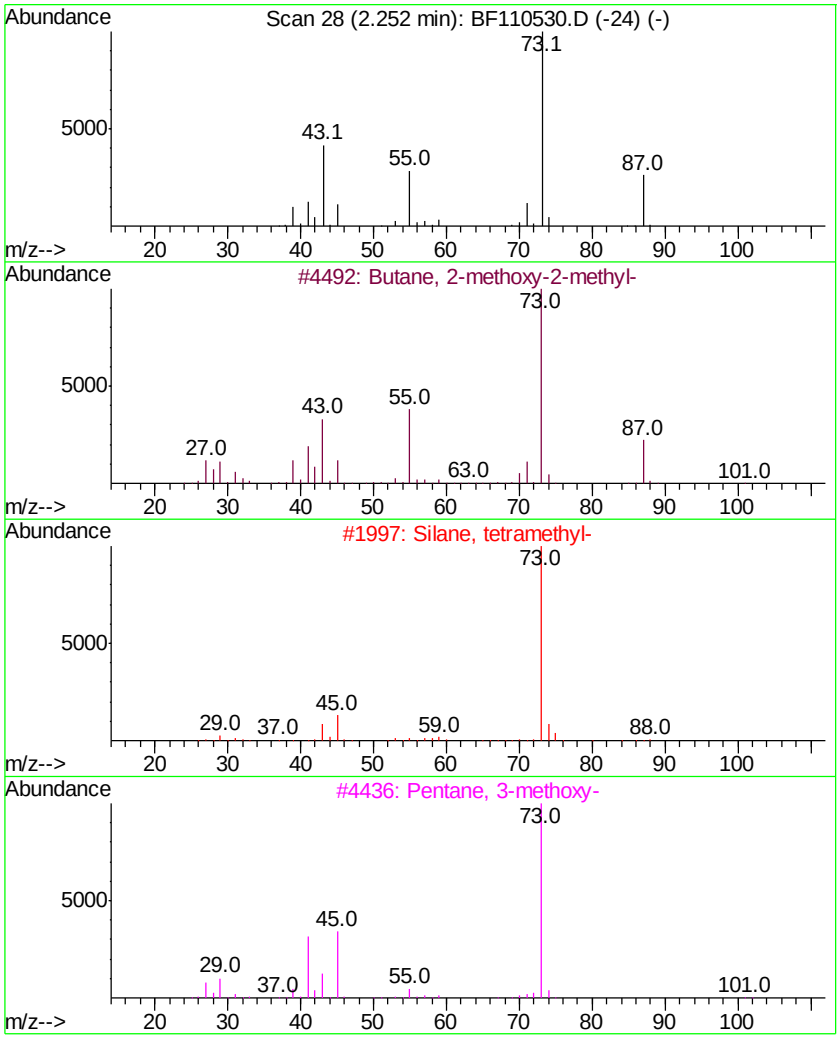
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

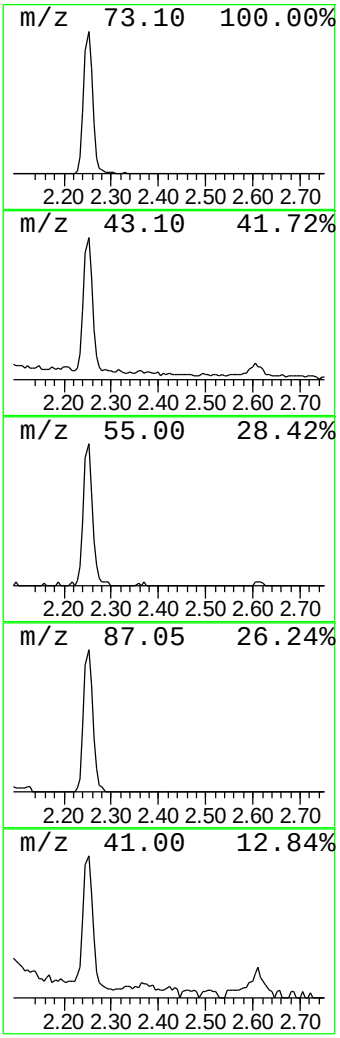
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	10.11 ng	260700	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	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Data File : BF110530.D
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Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

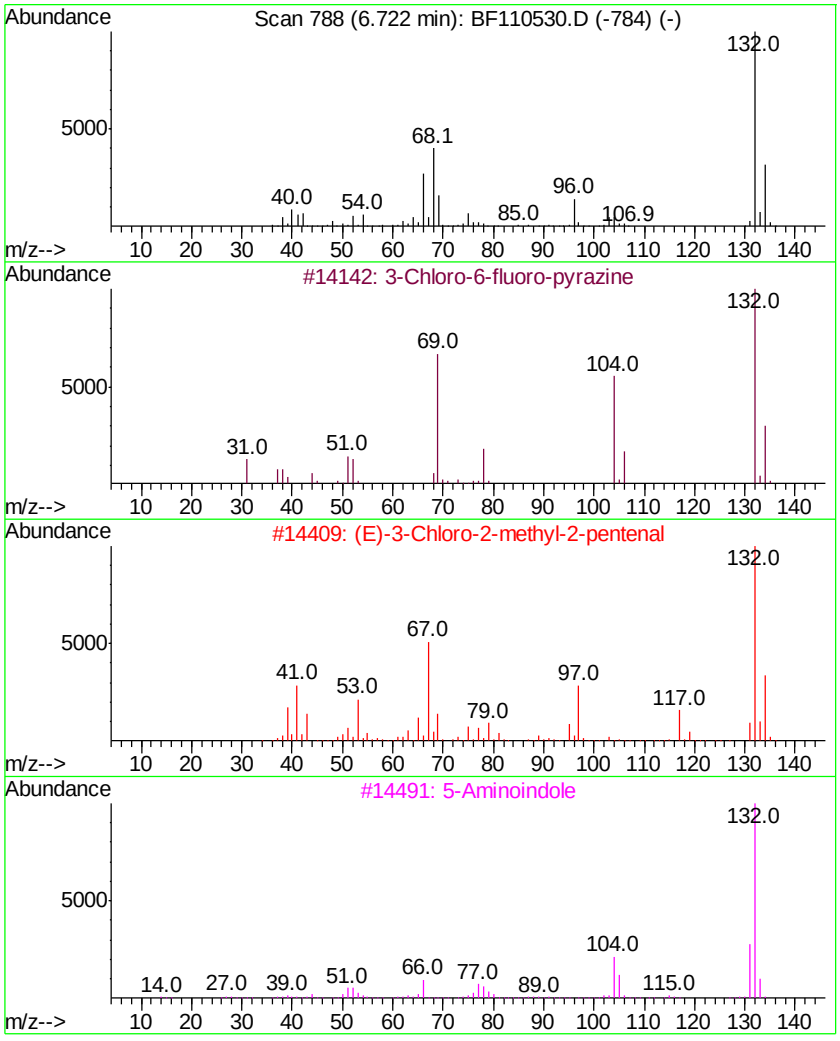
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

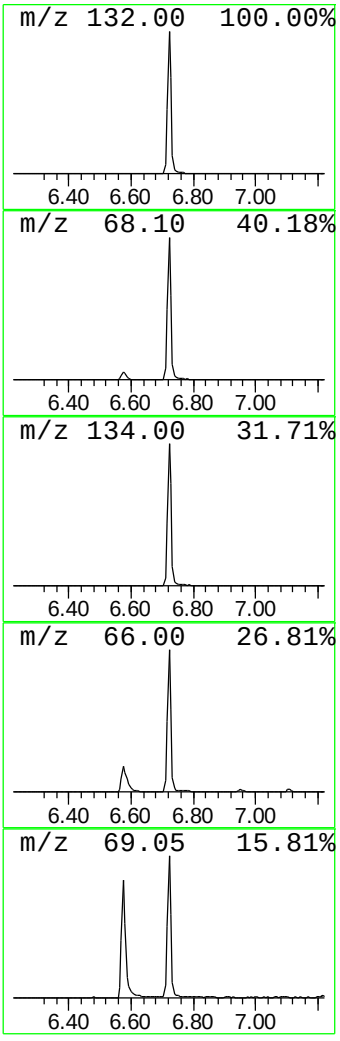
****

Peak Number 2 unknown6.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	36.73 ng	947197	1,4-Dichlorobenzene-d4	6.96

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

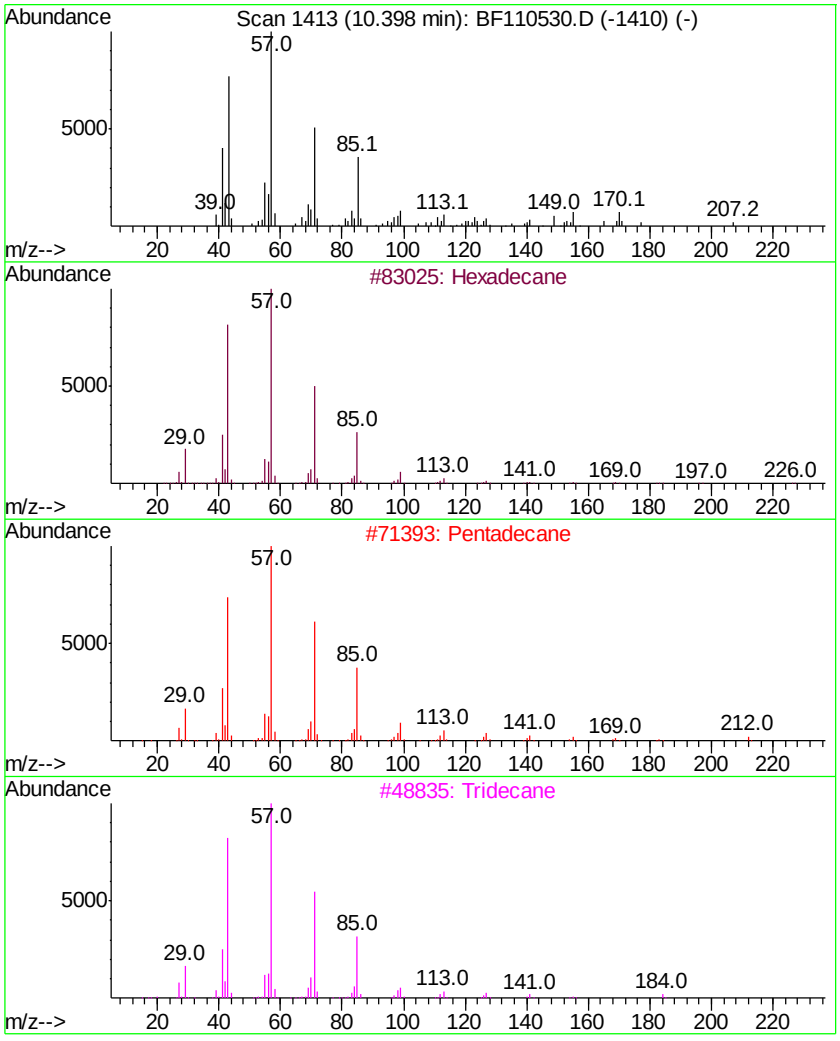
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

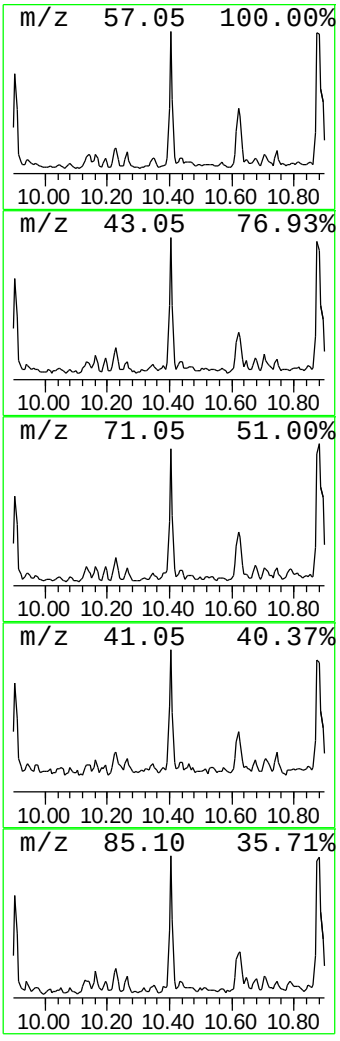
****

Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	5.81 ng	156345	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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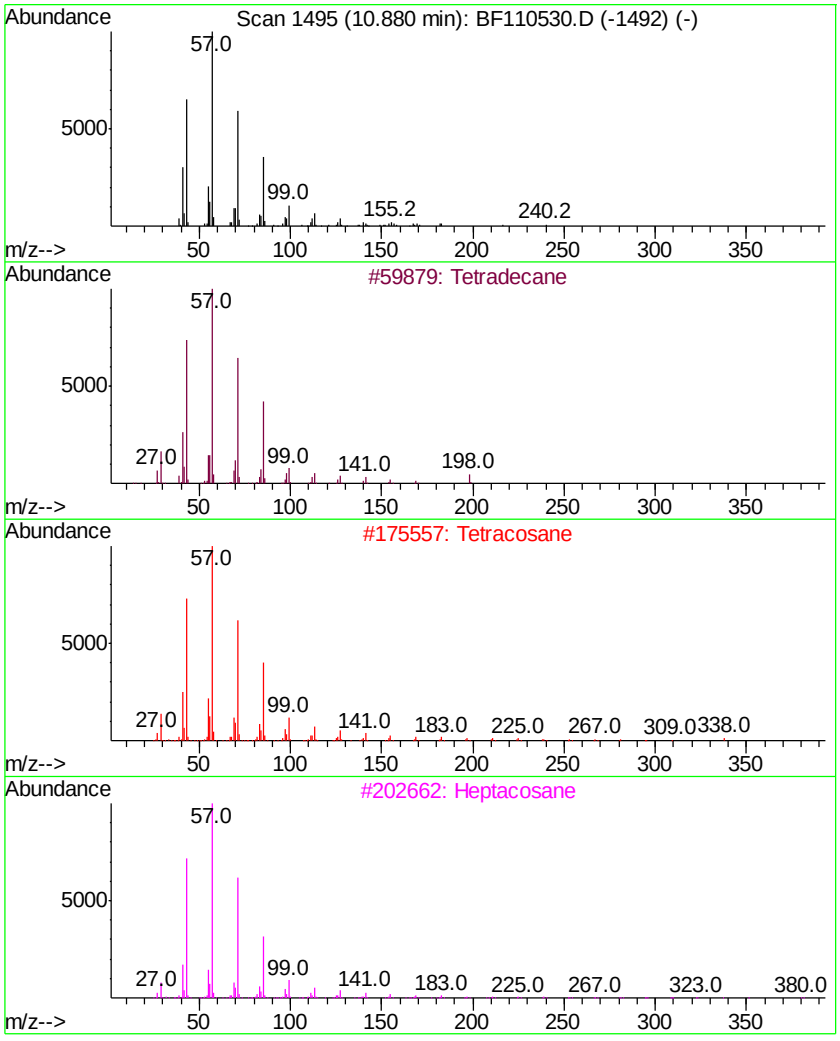
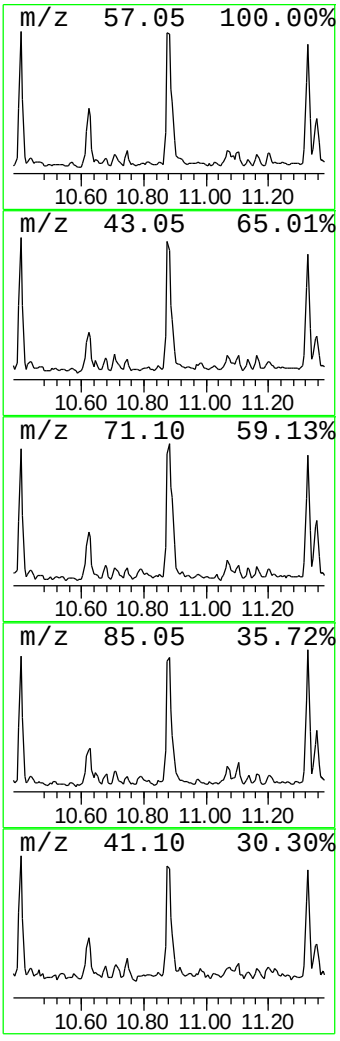
Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	10.51 ng	257153	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

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Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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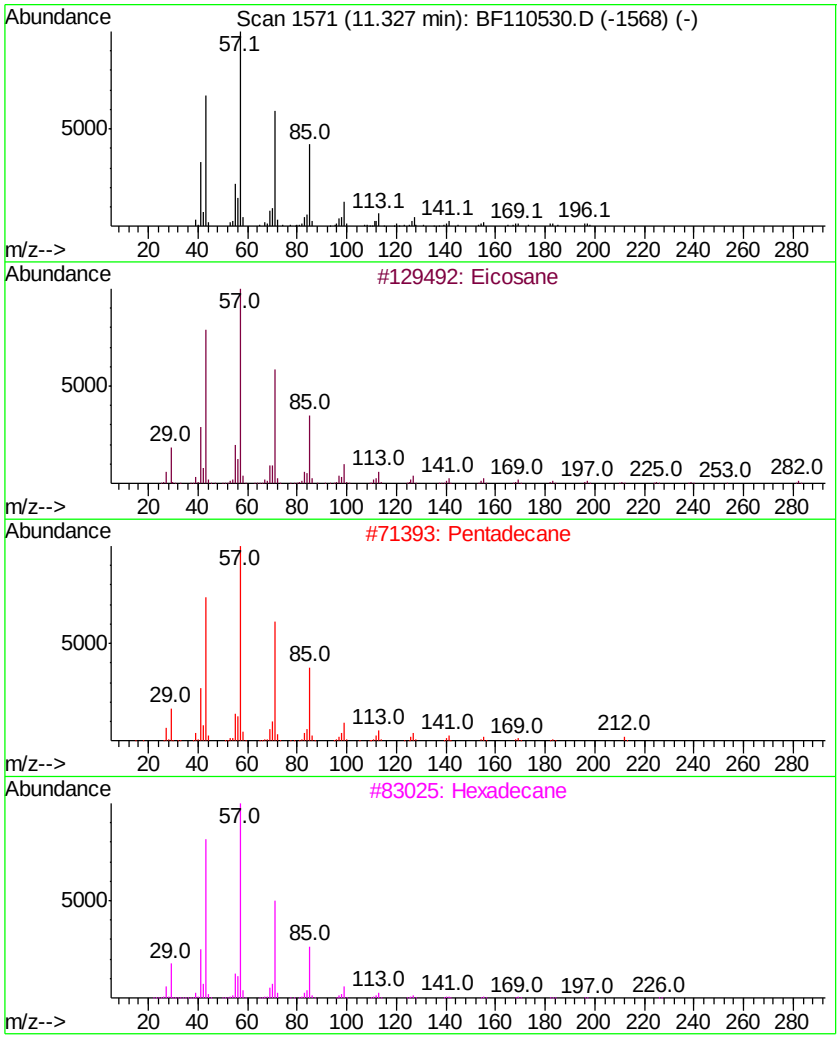
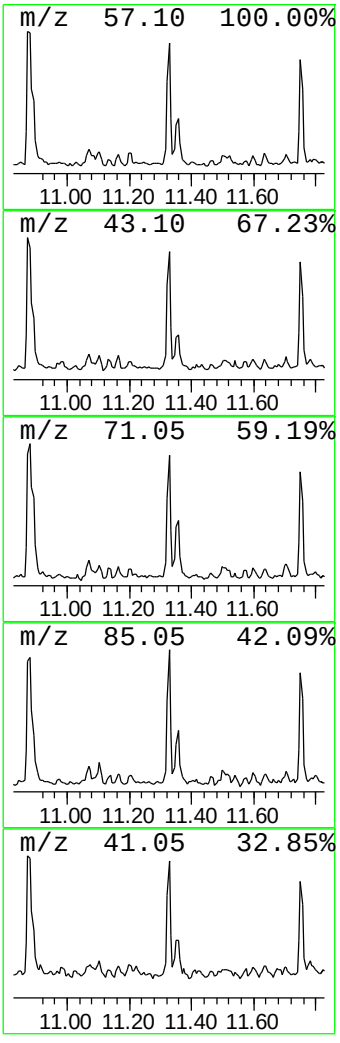
Peak Number 6 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.52 ng	135151	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Octadecane	254	C18H38	000593-45-3	90





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Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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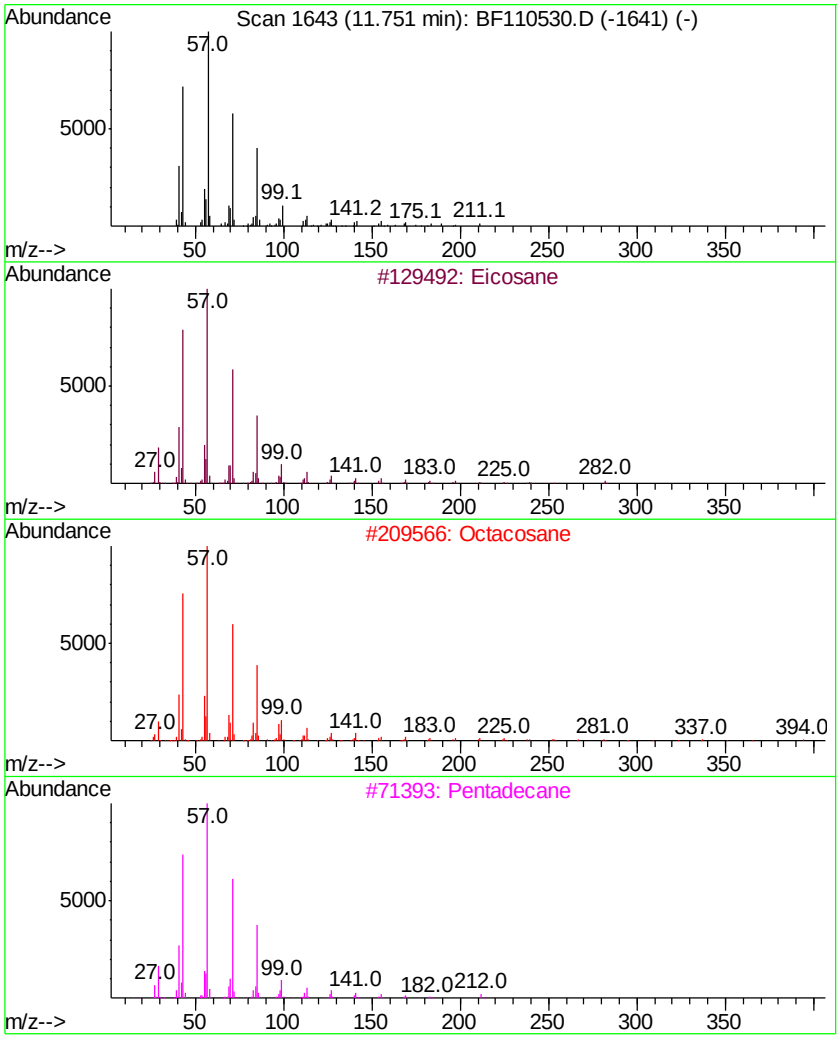
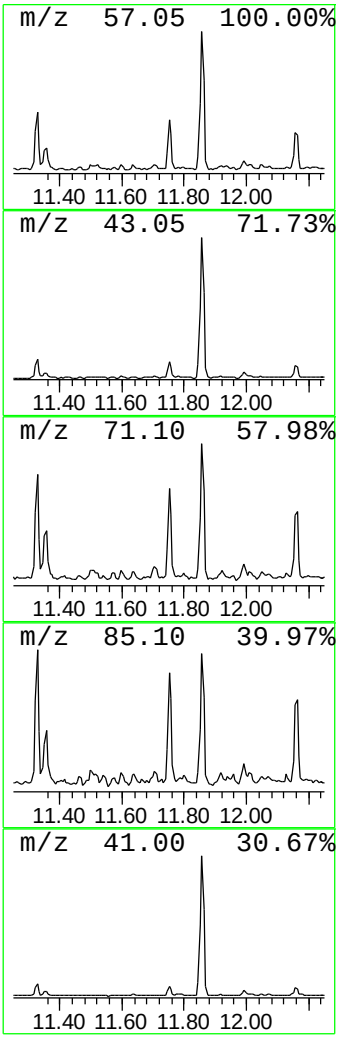
Peak Number 7 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.69 ng	114741	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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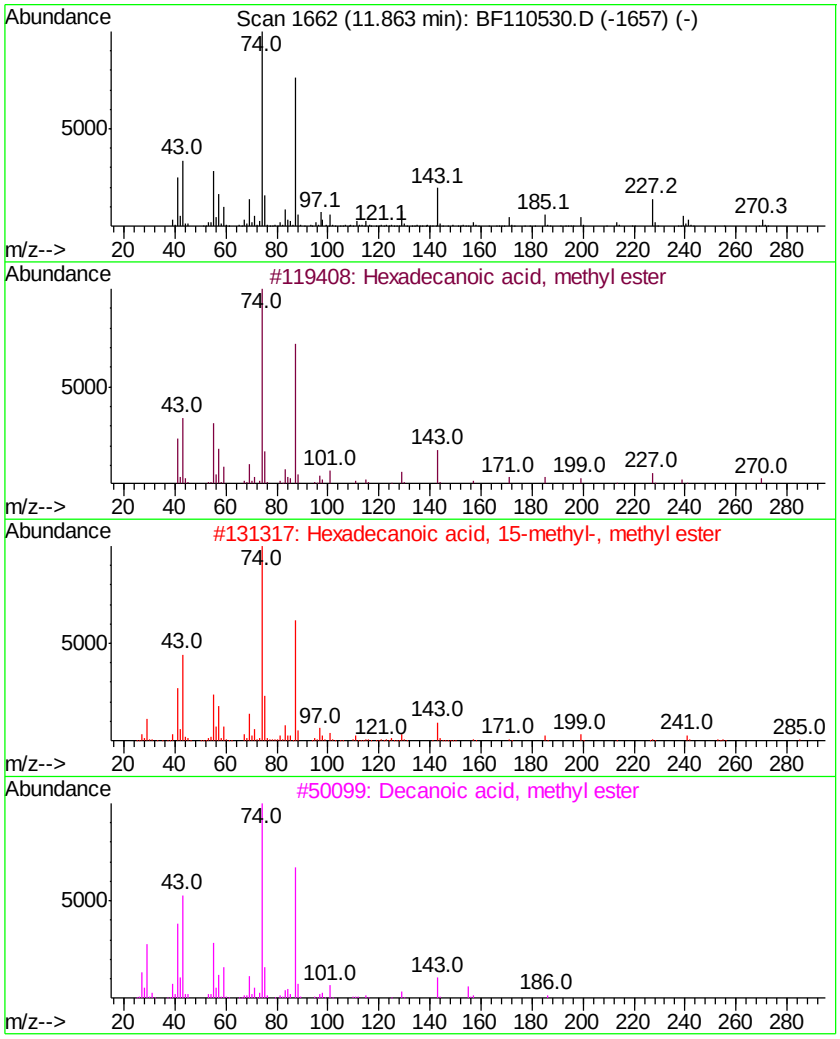
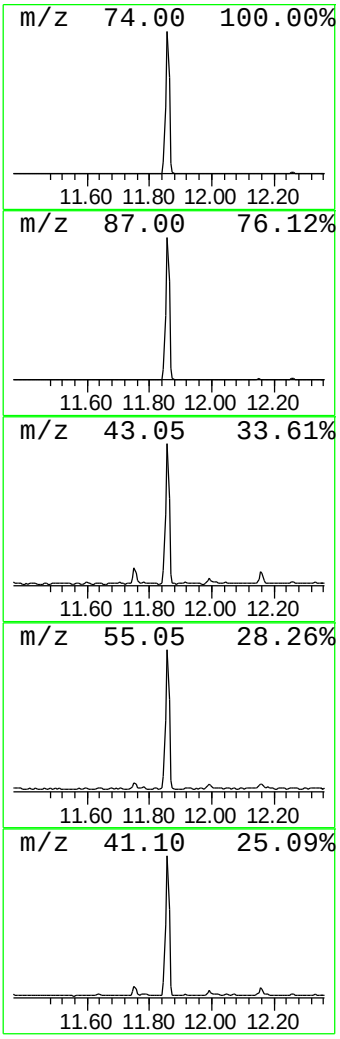
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	89.18 ng	2182260	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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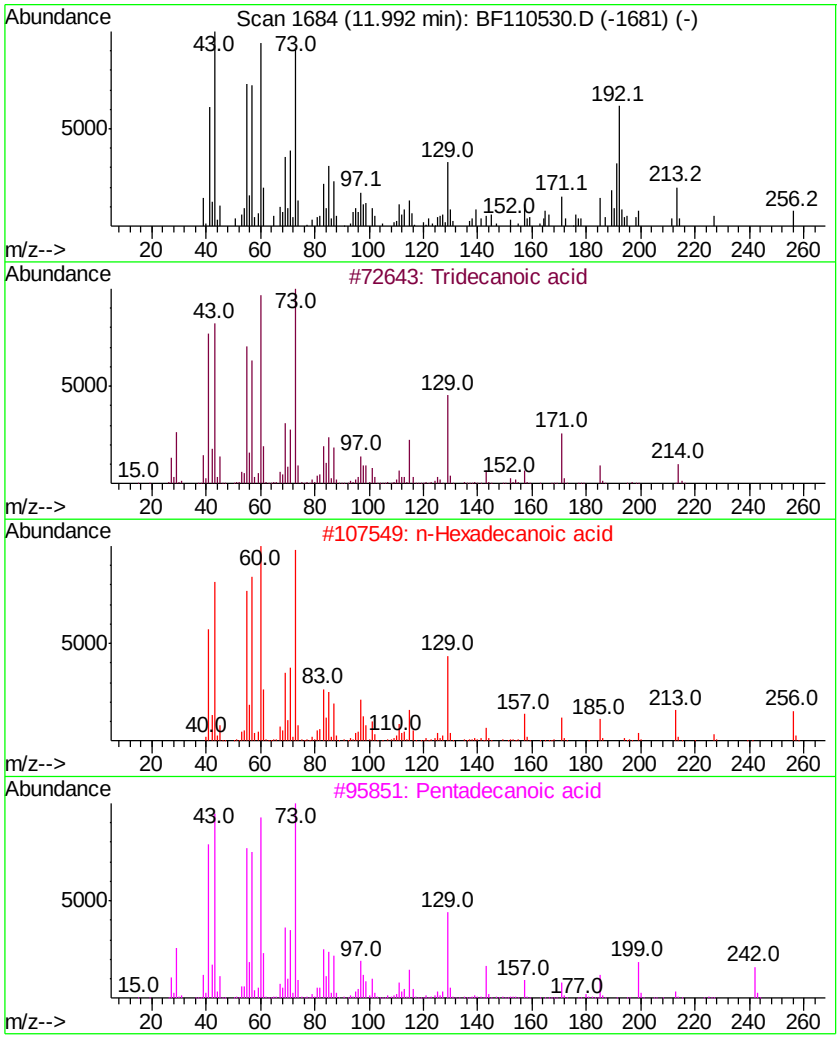
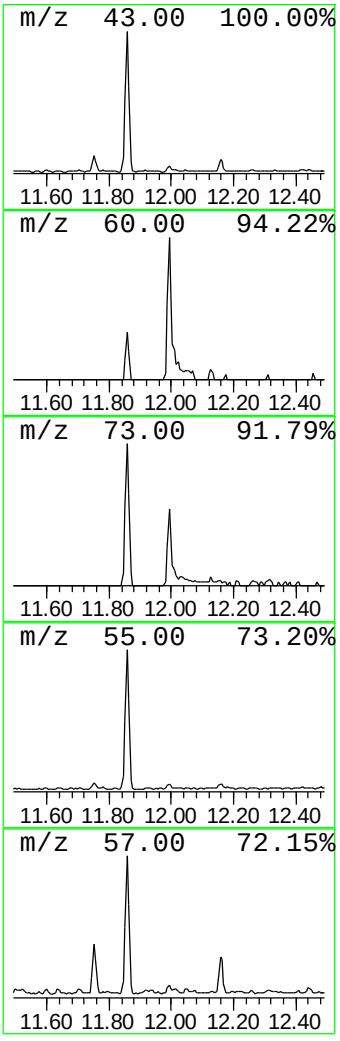
Peak Number 9 Tridecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.22 ng	103204	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	30





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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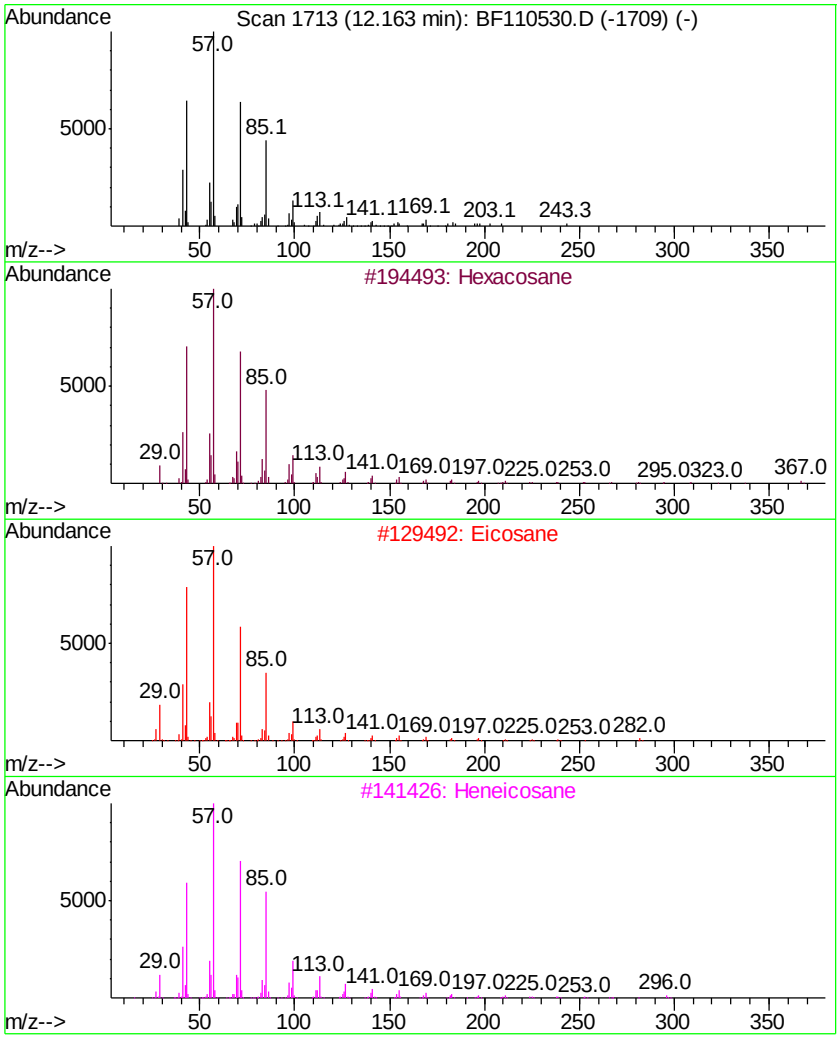
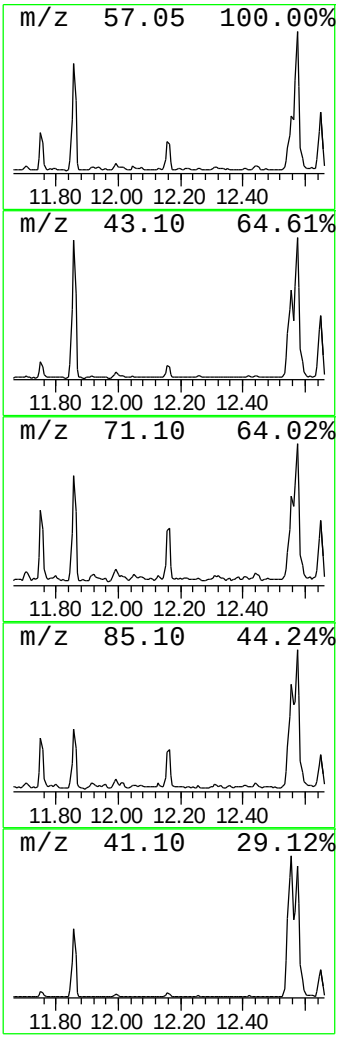
Peak Number 10 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.73 ng	115633	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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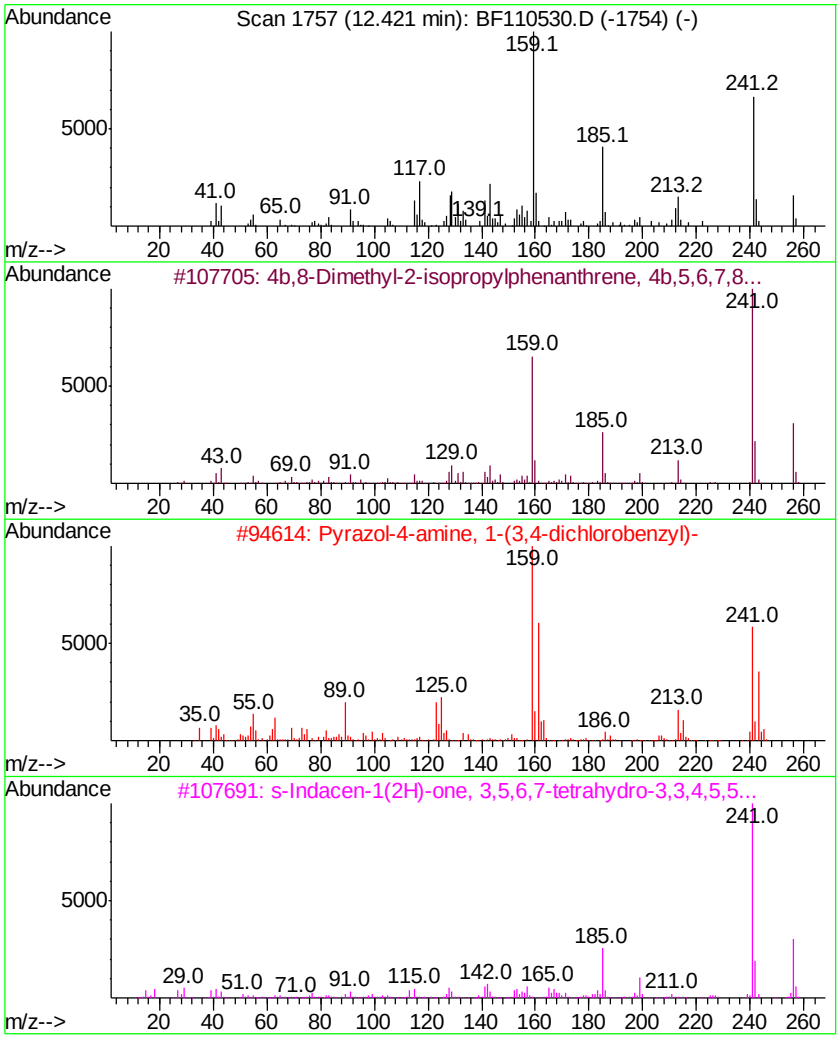
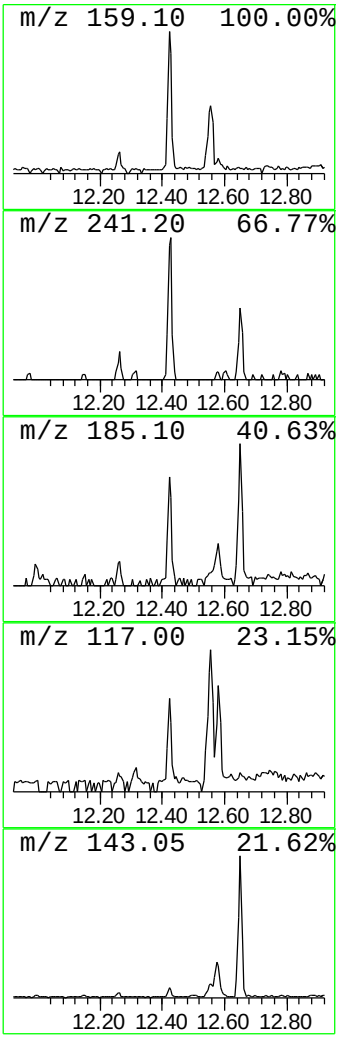
Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.29 ng	104866	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	91
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	49
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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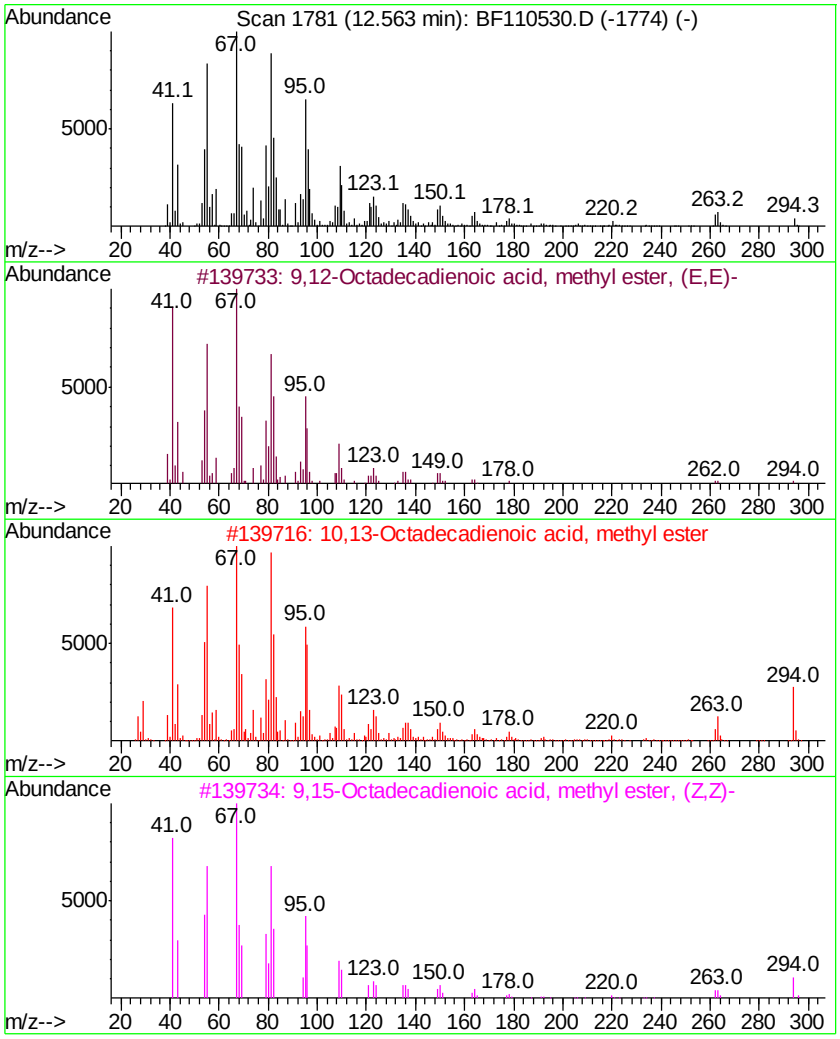
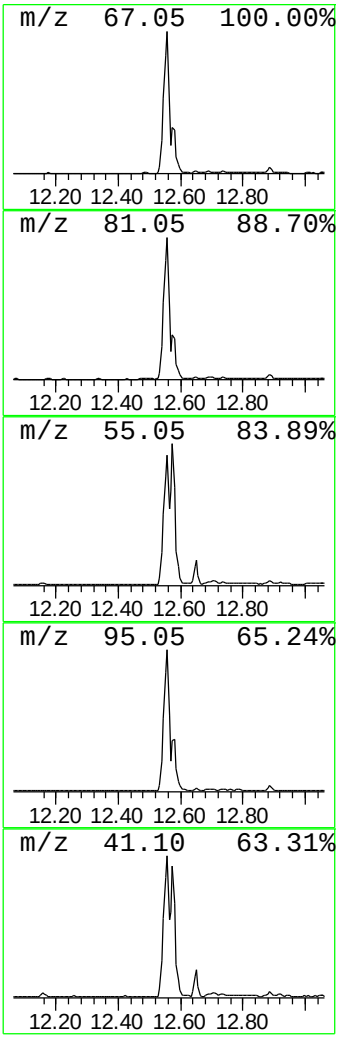
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	326.39 ng	7986380	Phenanthrene-d10	11.49

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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110530.D
Acq On : 6 Nov 2018 22:07
Operator : JU/SJ
Sample : J5764-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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 13 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	168.54 ng	4124090	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99