LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

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-BF040618.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	3.481	230	237	243	rBV	66435	114451	1.46%	0.287%
2	4.404	385	394	397	rBV	3354399	5723408	73.13%	14.366%
3	5.057	492	505	508	rBV	3205905	7825979	100.00%	19.643%
4	5.428	564	568	572	rVB	168713	155748	1.99%	0.391%
5	6.034	667	671	679	rBV	107391	127104	1.62%	0.319%
6	6.439	736	740	747	rBV	1455640	1341661	17.14%	3.368%
7	6.575	760	763	767	rVB	398812	296023	3.78%	0.743%
8	6.810	799	803	806	rBV	1093235	930531	11.89%	2.336%
9	6.863	809	812	816	rBV	164295	142303	1.82%	0.357%
10	6.963	825	829	833	rVB	2661716	2552763	32.62%	6.407%
11	7.128	854	857	861	rBV	121692	94917	1.21%	0.238%
12	7.375	894	899	902	rBV	2195897	2011222	25.70%	5.048%
13	8.092	1017	1021	1024	rBV	1542770	1186067	15.16%	2.977%
14	9.169	1199	1204	1207	rBV	3959297	3577437	45.71%	8.979%
15	9.245	1214	1217	1219	rBV	143082	112736	1.44%	0.283%
16	9.280	1219	1223	1226	rVB2	105680	107121	1.37%	0.269%
17	9.563	1267	1271	1274	rBV	570132	515737	6.59%	1.294%
18	9.774	1304	1307	1309	rBV	279516	192990	2.47%	0.484%
19	9.804	1309	1312	1315	rVV	935255	697925	8.92%	1.752%
20	9.851	1316	1320	1323	rVV	1453373	1346364	17.20%	3.379%
21	10.092	1358	1361	1365	rBV3	73001	86476	1.10%	0.217%
22	10.274	1389	1392	1395	rVB	395893	307107	3.92%	0.771%
23	10.469	1422	1425	1427	rBV	93725	107724	1.38%	0.270%
24	10.492	1427	1429	1436	rVB	127190	154440	1.97%	0.388%
25	10.751	1470	1473	1478	rBV	513152	604352	7.72%	1.517%
26	10.886	1492	1496	1502	rBV6	62342	87927	1.12%	0.221%
27	11.198	1546	1549	1552	rBV	361835	297145	3.80%	0.746%
28	11.227	1552	1554	1561	rVB2	180589	179199	2.29%	0.450%
29	11.339	1569	1573	1575	rBV	1486865	1279991	16.36%	3.213%
30	11.363	1575	1577	1580	rVV	359045	311832	3.98%	0.783%
31	11.627	1619	1622	1625	rVB	248918	204232	2.61%	0.513%
32	12.033	1688	1691	1694	rBV	228107	176326	2.25%	0.443%
33	12.421	1754	1757	1760	rBV	186802	180397	2.31%	0.453%
34	12.551	1776	1779	1784	rVB	381445	328555	4.20%	0.825%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.780	1813	1818	1824	rBV2	297233	435085	5.56%	1.092%
36	12.927	1839	1843	1847	rBV	2845386	2773901	35.44%	6.962%
37	13.462	1931	1934	1937	rBV2	165630	177308	2.27%	0.445%
38	13.551	1947	1949	1953	rVB	106074	82455	1.05%	0.207%
39	13.821	1991	1995	2006	rVB	446448	591173	7.55%	1.484%
40	13.980	2018	2022	2025	rBV	871317	935072	11.95%	2.347%
41	14.009	2025	2027	2029	rVB	101344	80303	1.03%	0.202%
42	14.133	2046	2048	2052	rVB3	80388	101644	1.30%	0.255%
43	15.021	2196	2199	2203	rBV2	91197	135185	1.73%	0.339%
44	15.386	2258	2261	2266	rVB	94957	127890	1.63%	0.321%
45	15.451	2267	2272	2282	rVB	745938	1042665	13.32%	2.617%

Sum of corrected areas: 39840871

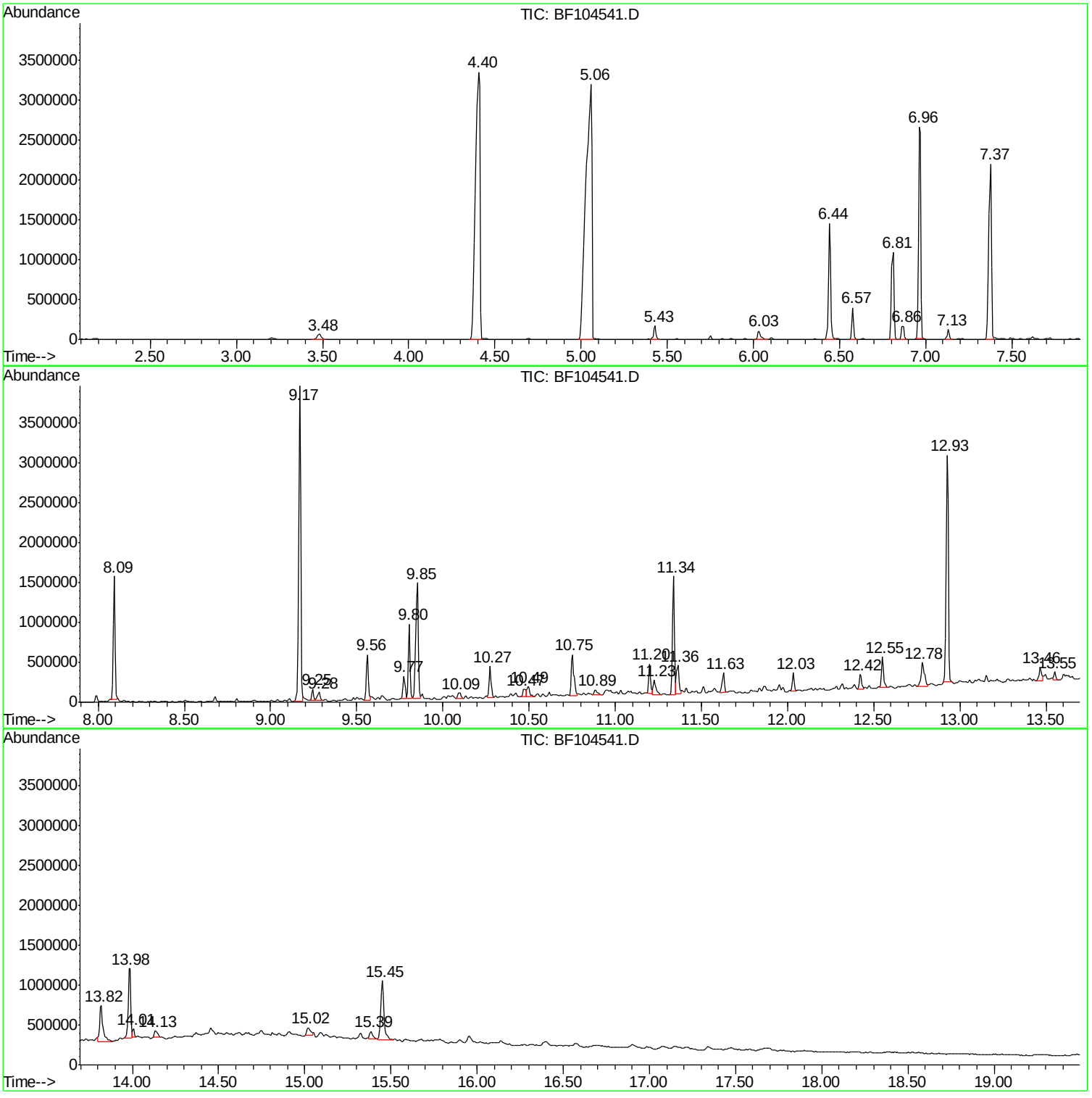
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

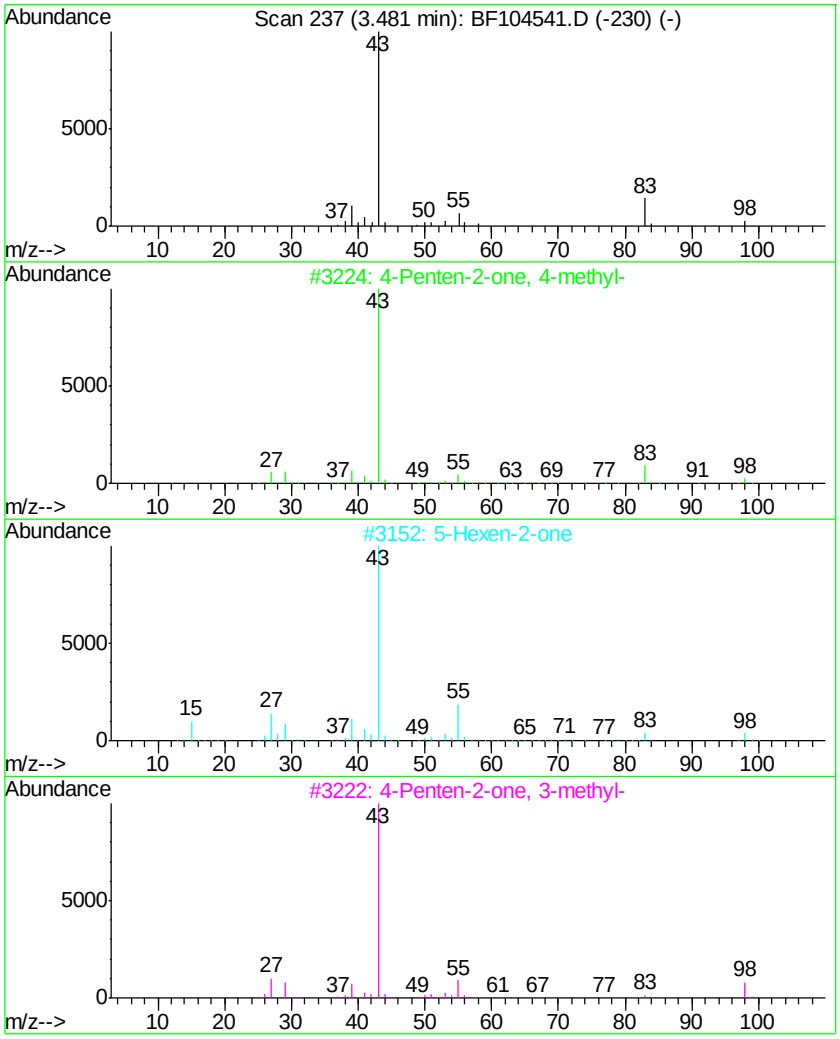
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

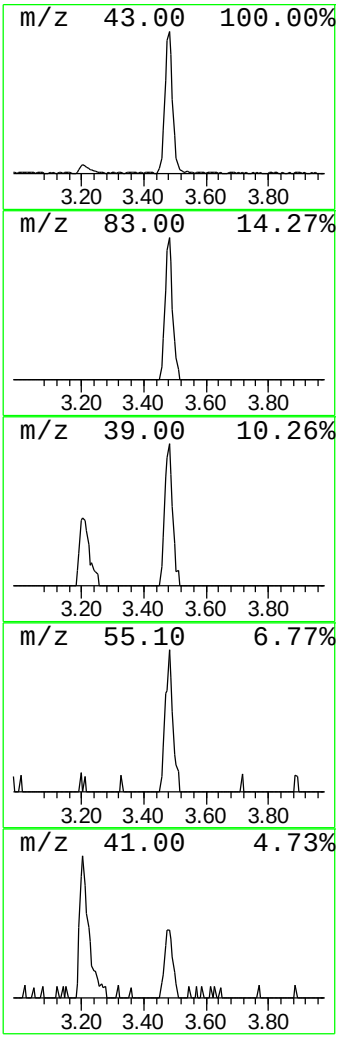
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	2.46 ng	114451	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	47
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	27
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	17
5	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

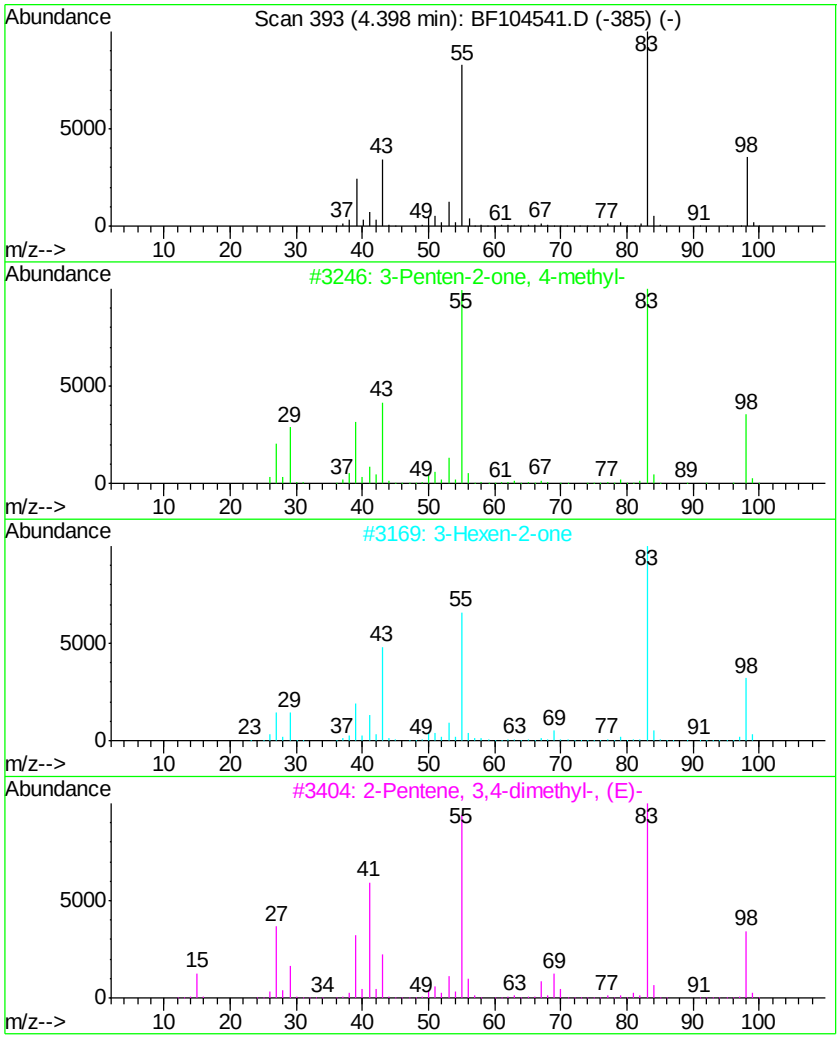
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

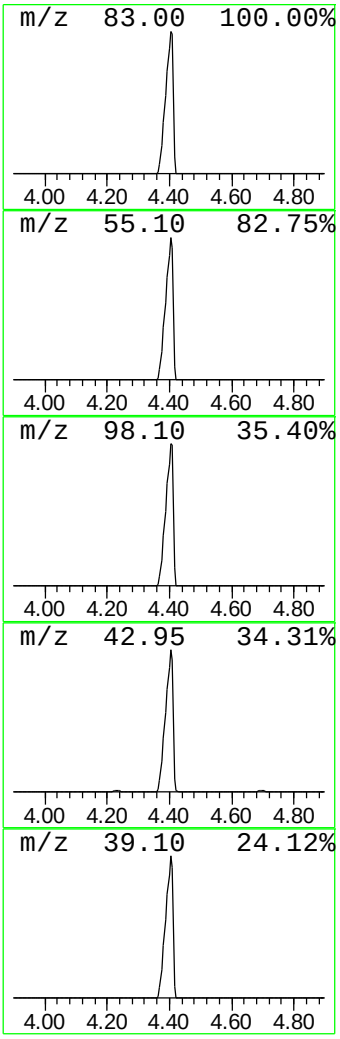
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	123.01 ng	5723410	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

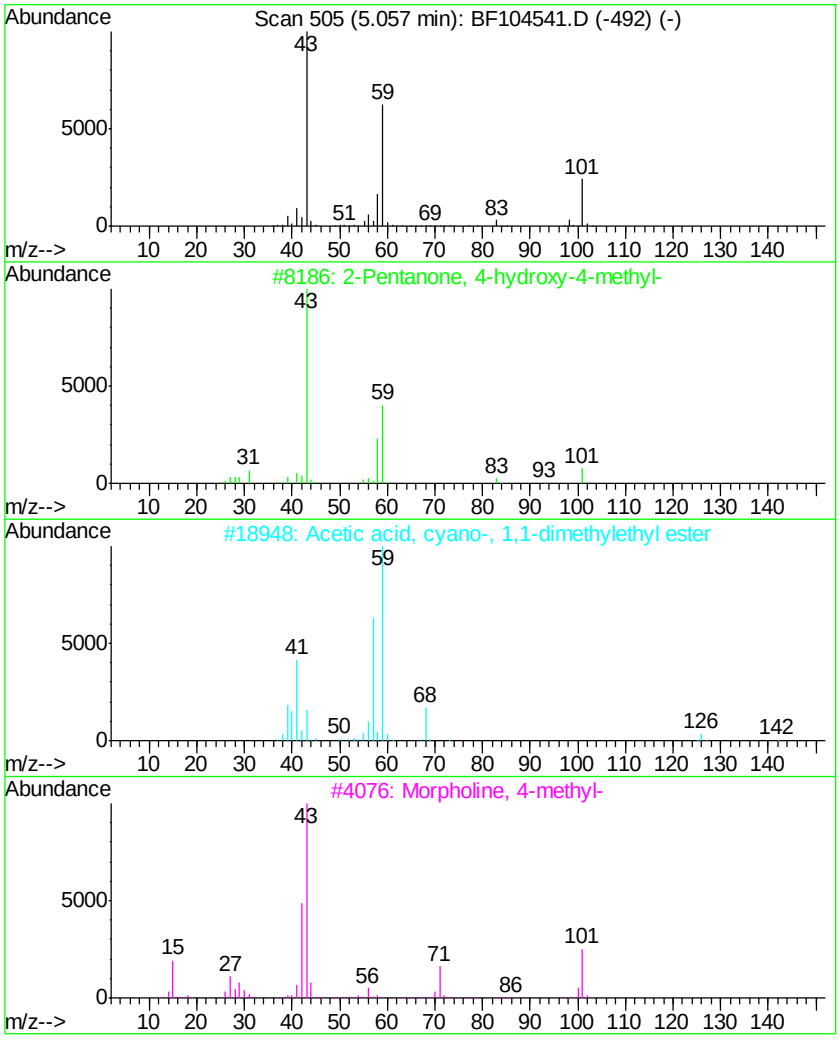
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

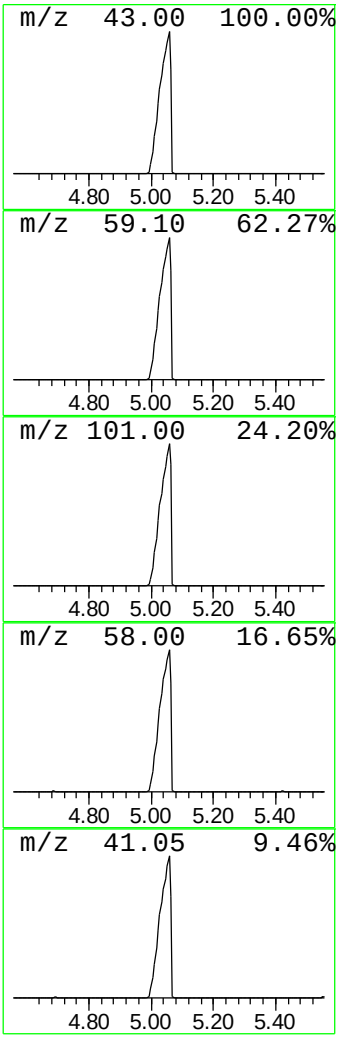
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	168.21 ng	7825980	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

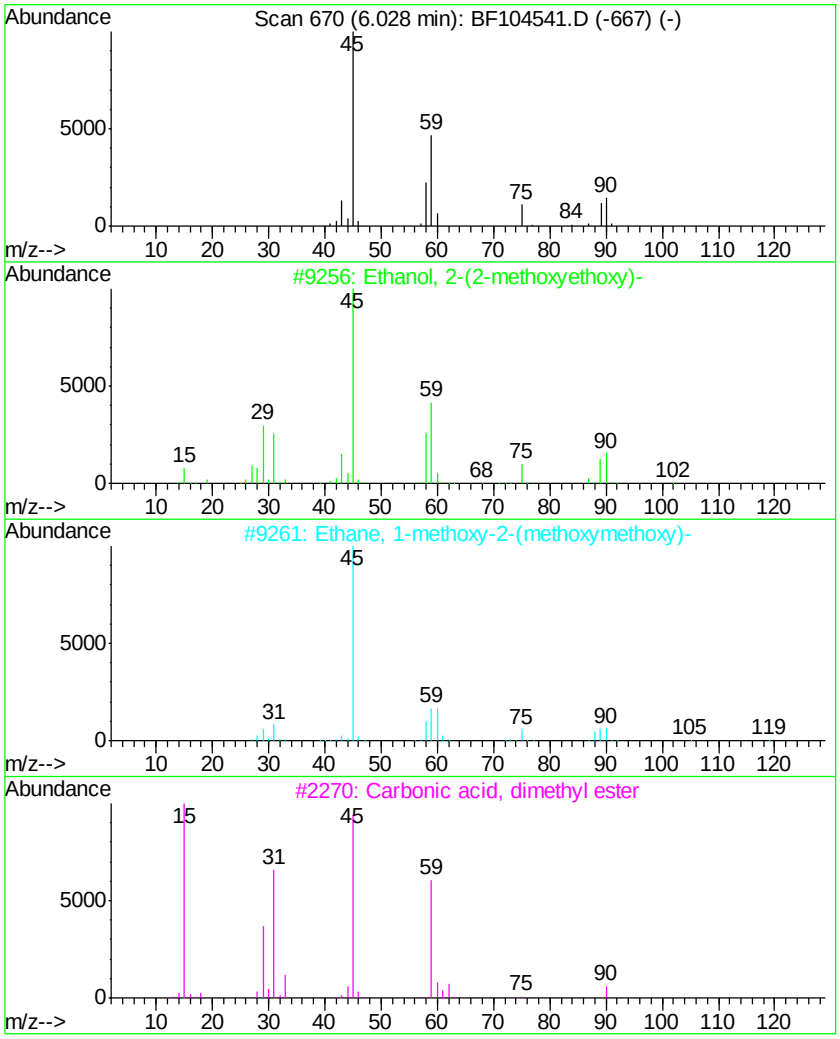
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

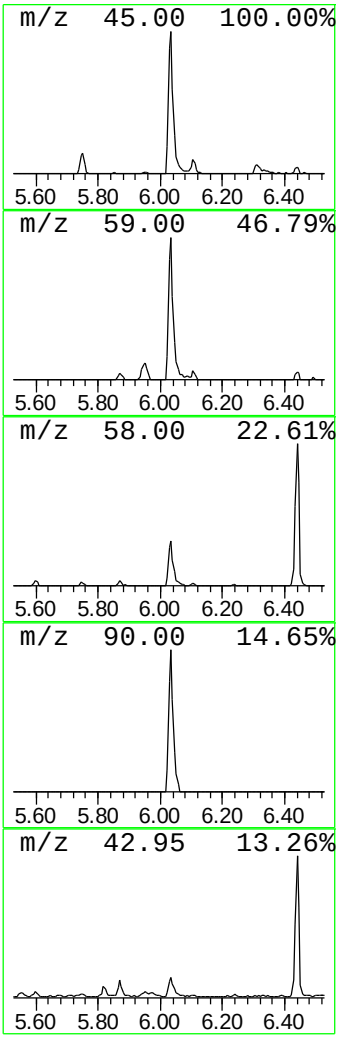
****

Peak Number 4 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	2.73 ng	127104	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	64
3	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	38
4	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	38
5	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

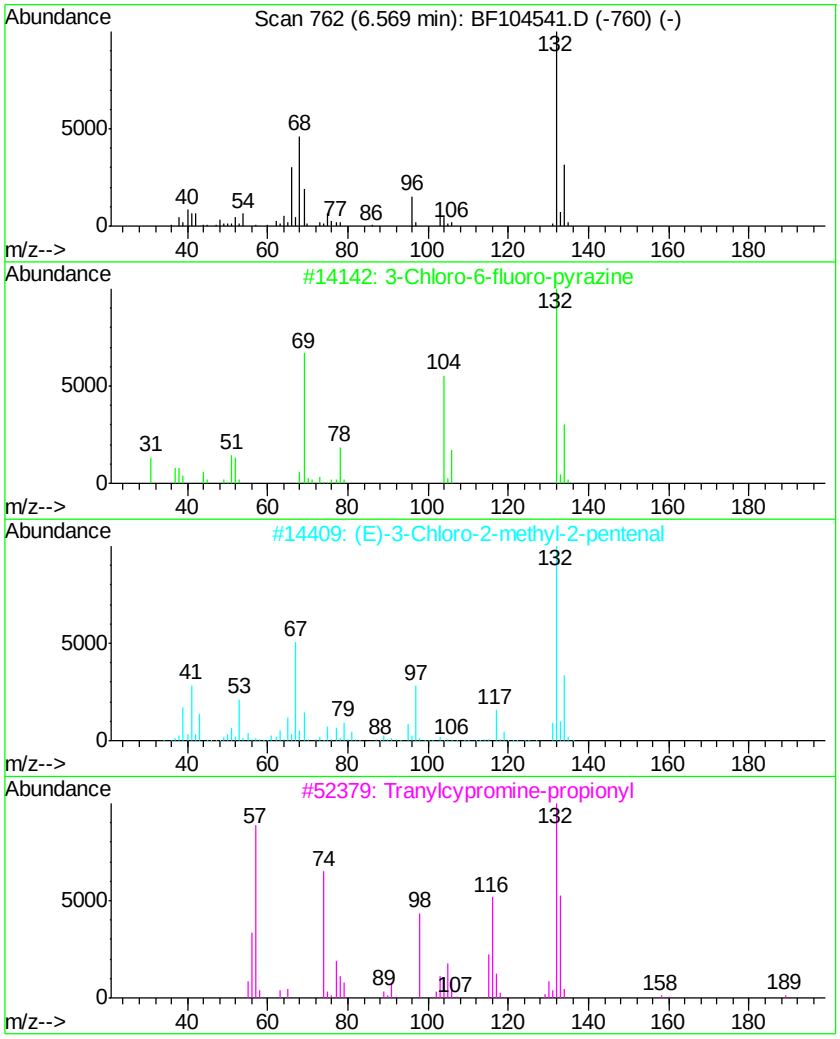
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

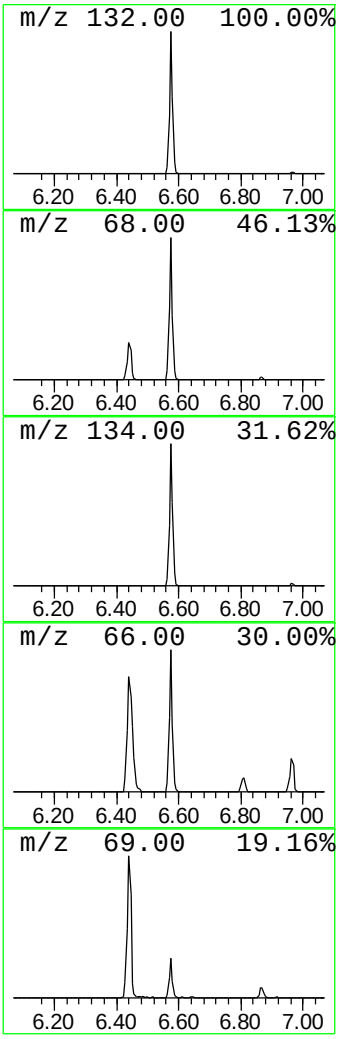
****

Peak Number 5 unknown6.57 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	6.36 ng	296023	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

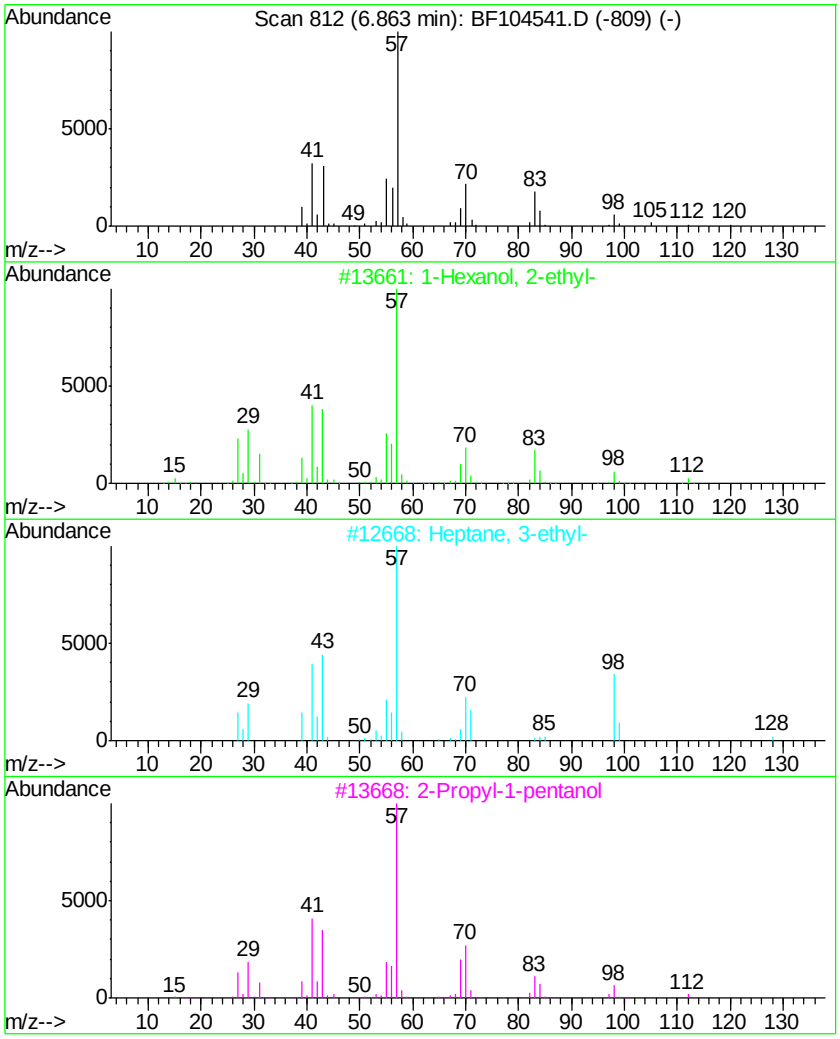
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

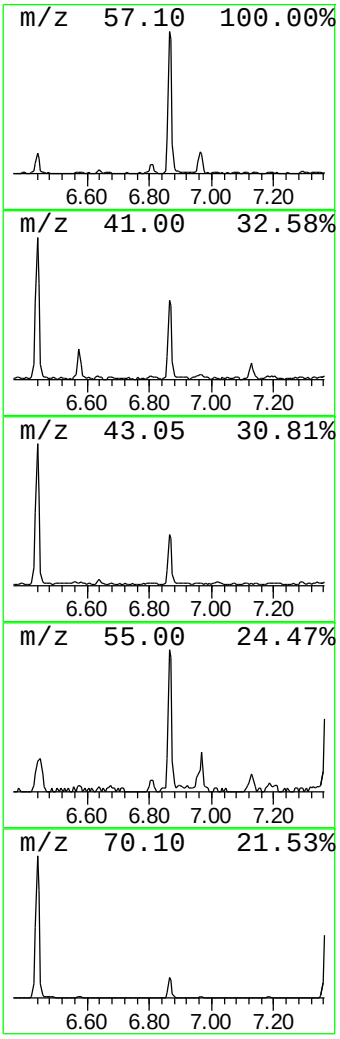
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.06 ng	142303	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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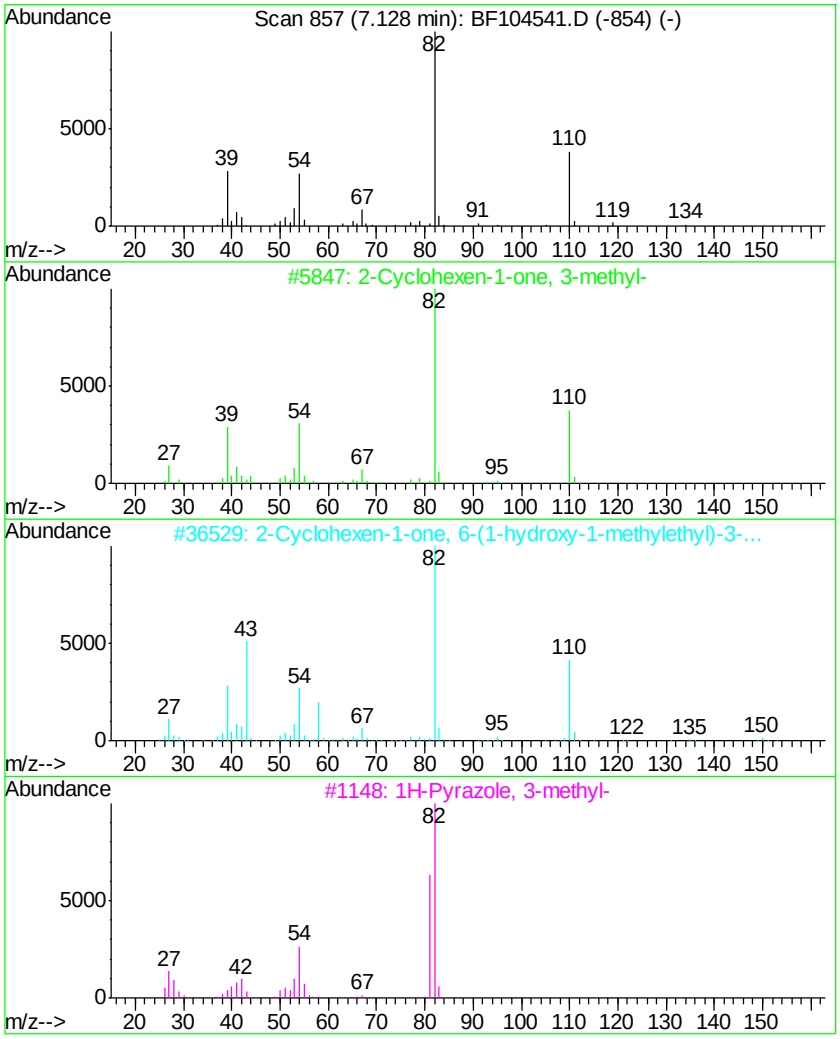
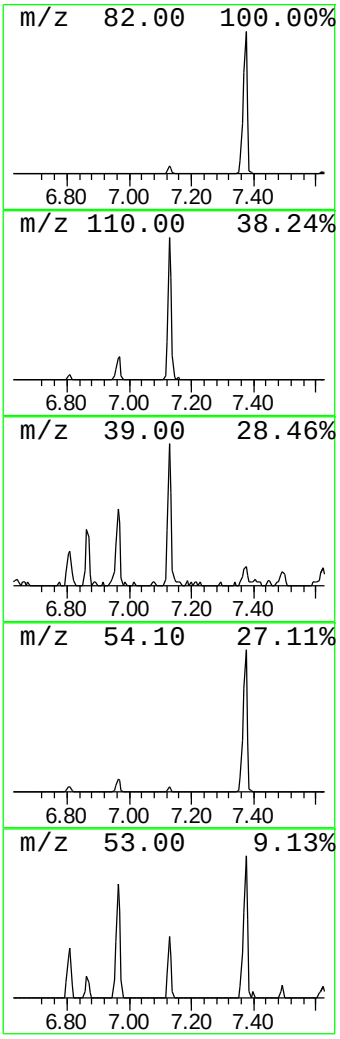
Peak Number 8 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.04 ng	94917	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	74
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	58
4	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	53
5	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

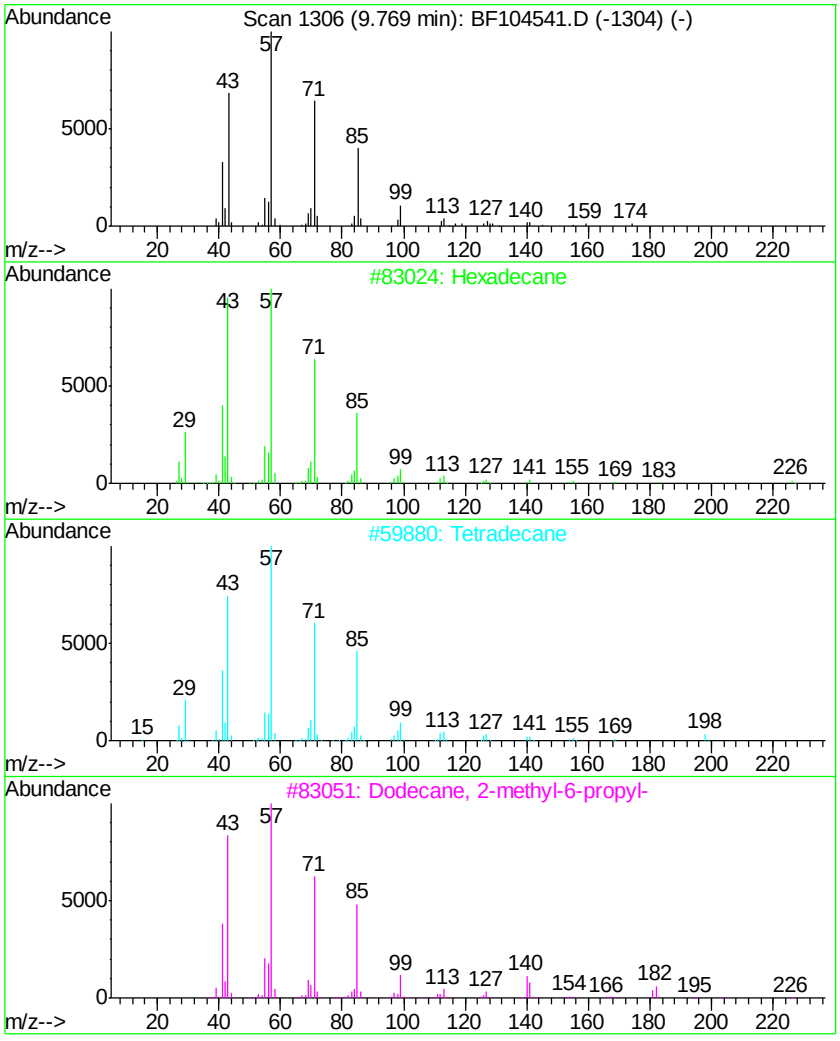
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

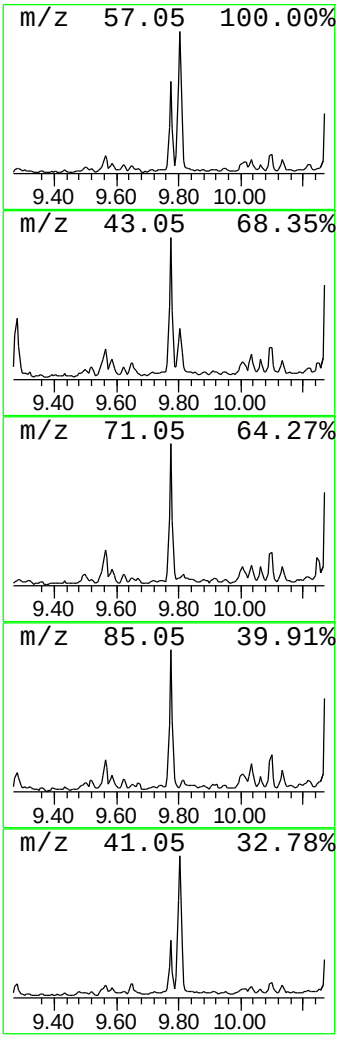
****

Peak Number 9 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.87 ng	192990	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Nonadecane	268	C19H40	000629-92-5	78
5	Tridecane	184	C13H28	000629-50-5	72





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Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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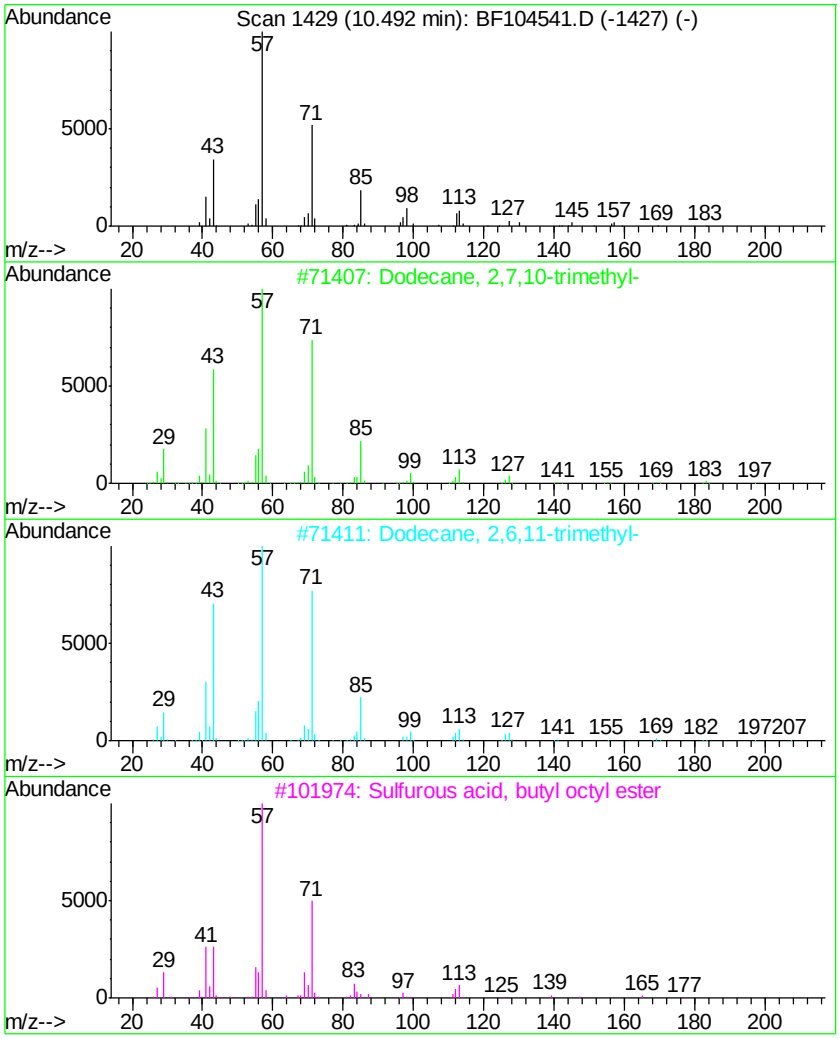
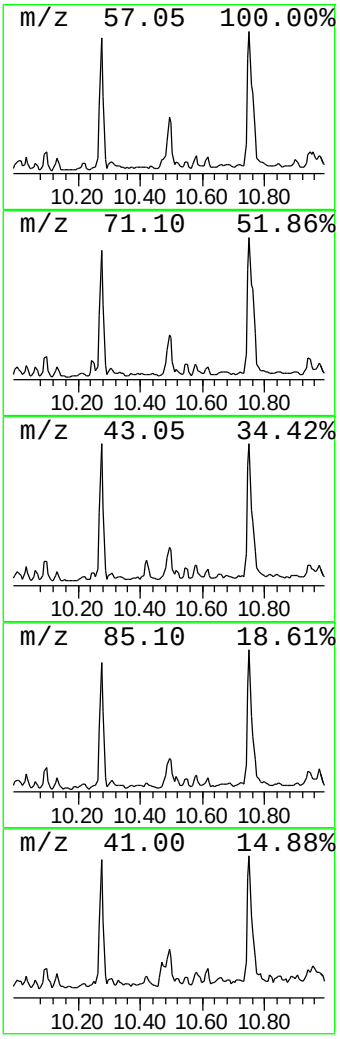
Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.29 ng	154440	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4	Hexadecane	226	C16H34	000544-76-3	53
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53





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Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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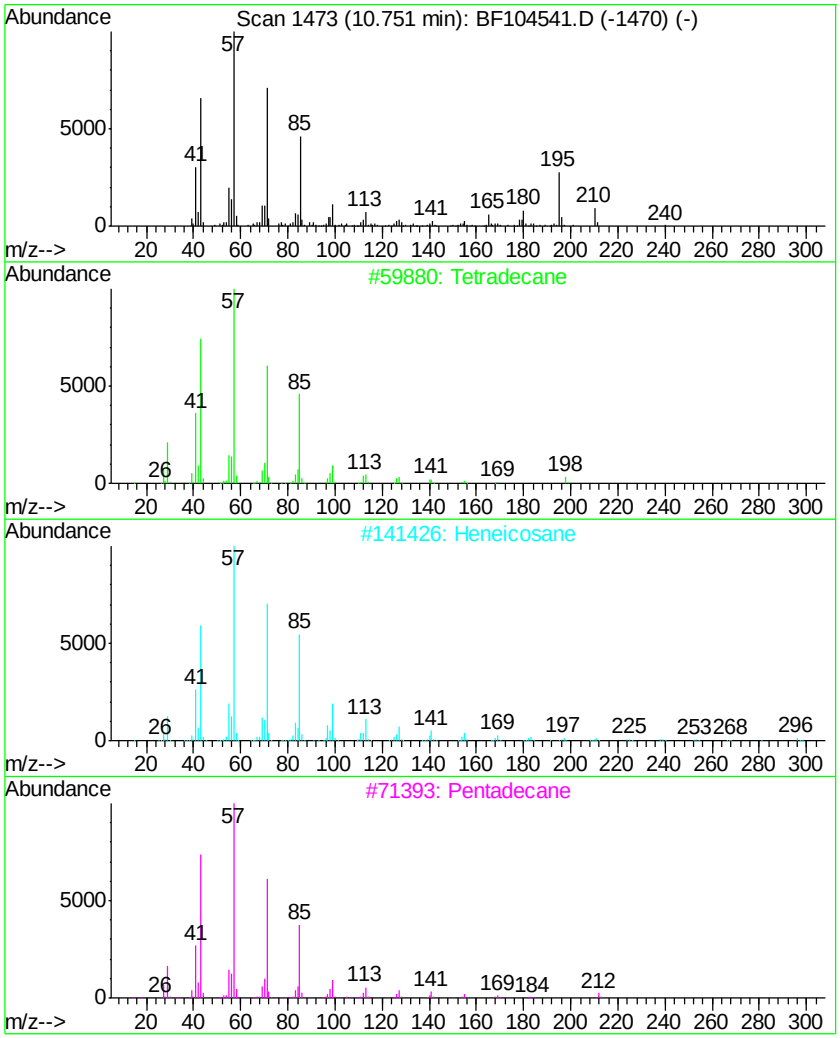
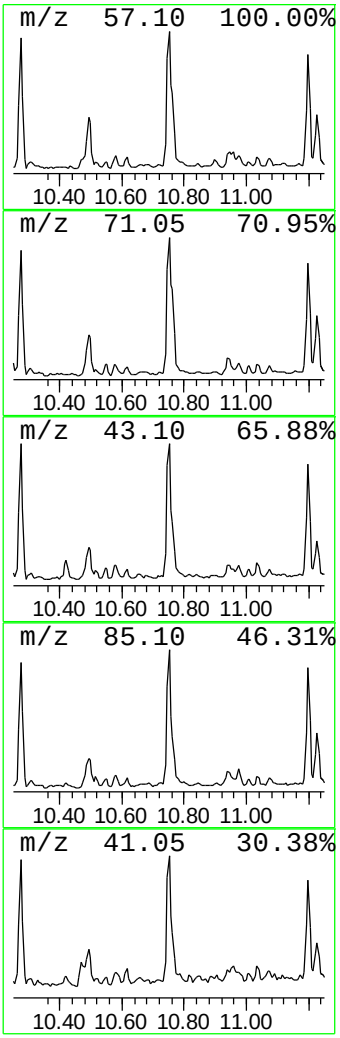
Peak Number 12 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	9.44 ng	604352	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	62
2	Heneicosane	296	C21H44	000629-94-7	62
3	Pentadecane	212	C15H32	000629-62-9	62
4	Hexadecane	226	C16H34	000544-76-3	62
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	58





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Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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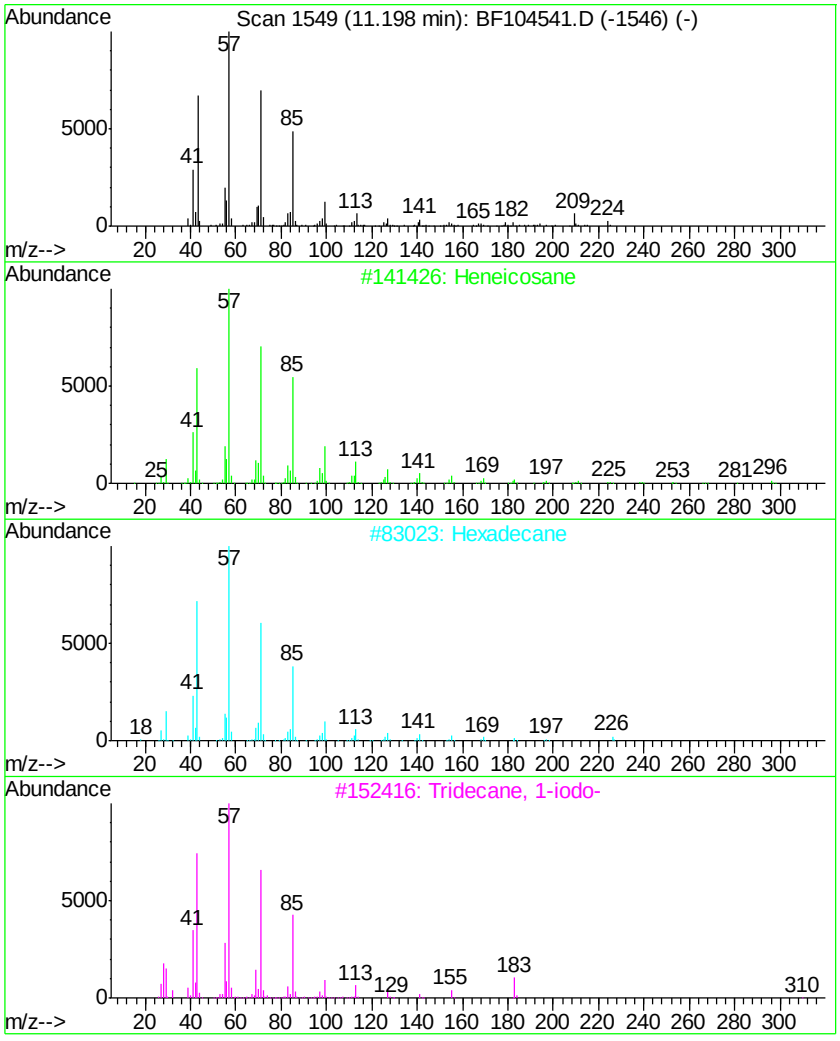
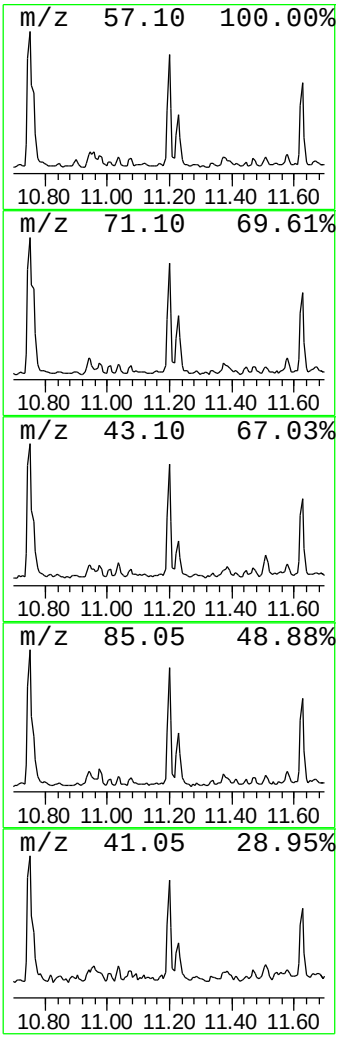
Peak Number 13 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	4.64 ng	297145	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86





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Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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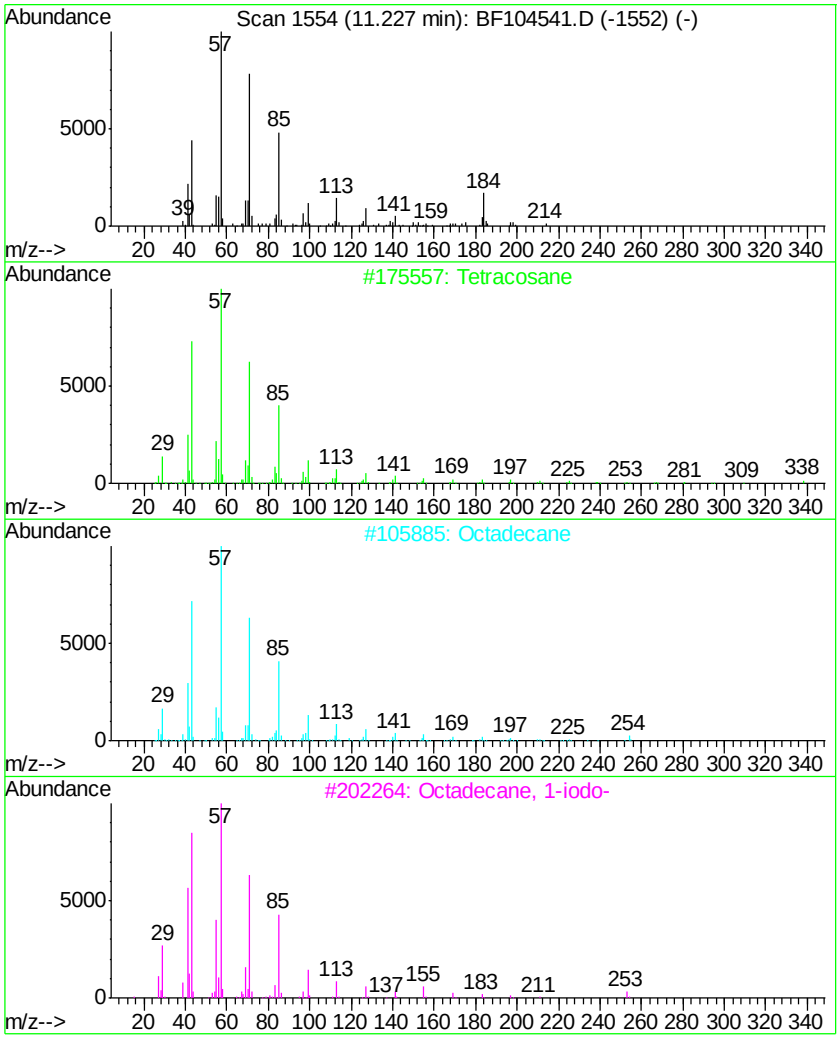
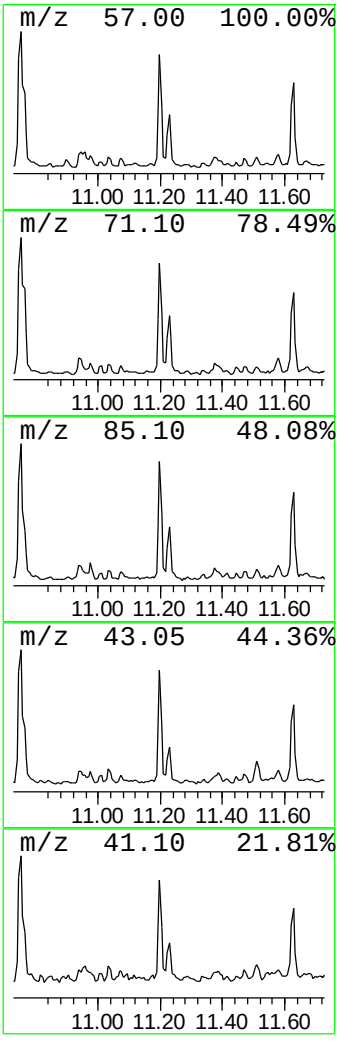
Peak Number 14 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.80 ng	179199	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5	Octacosane	394	C28H58	000630-02-4	80





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Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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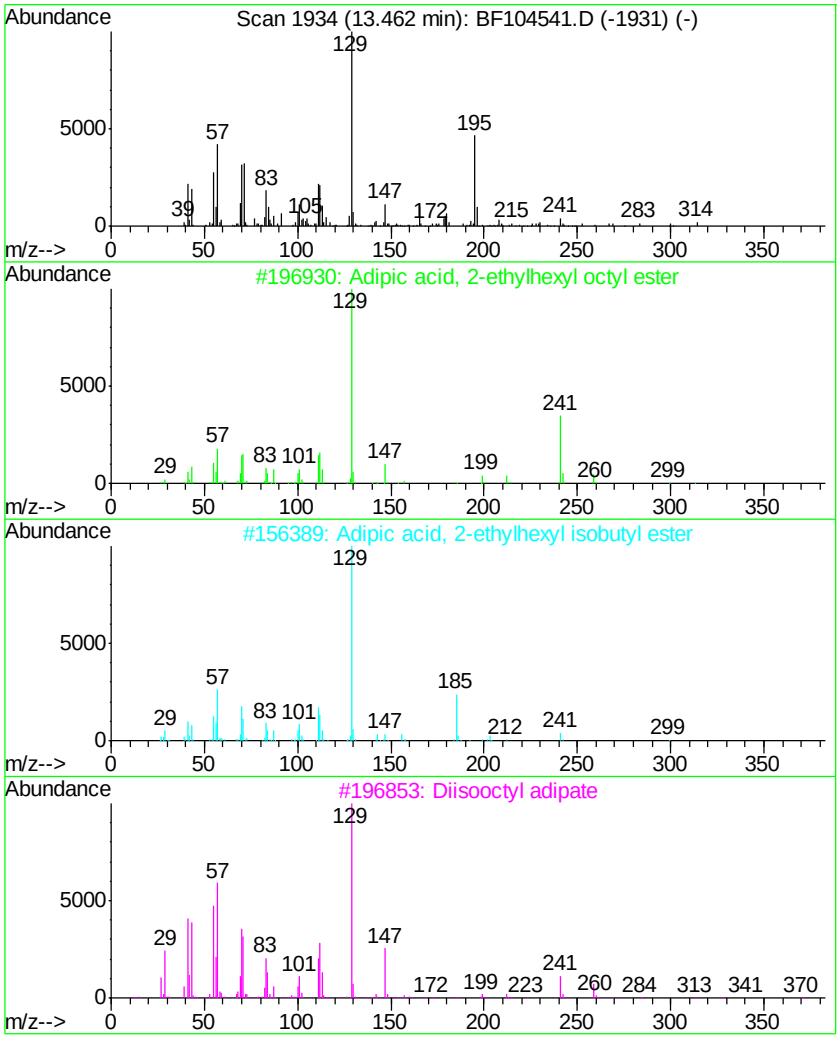
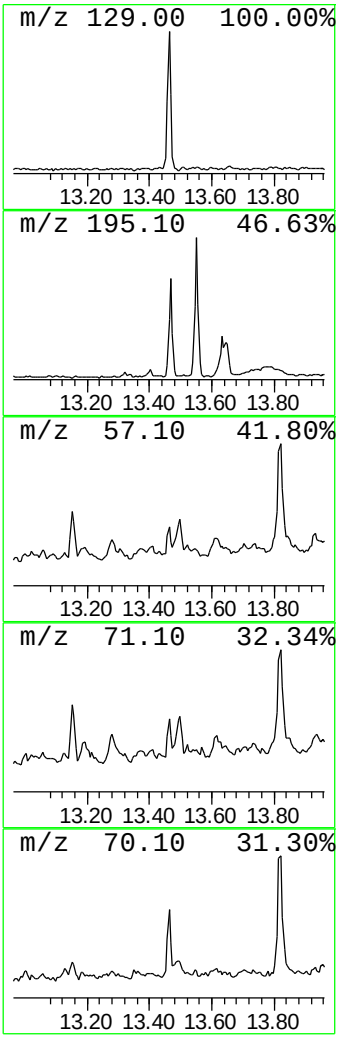
Peak Number 18 Adipic acid, 2-ethylhexyl o... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	3.79 ng	177308	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	62
2	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	52
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	52
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	52
5	Adipic acid, decyl 2-ethylhexyl ...	398	C24H46O4	1000324-48-8	47





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Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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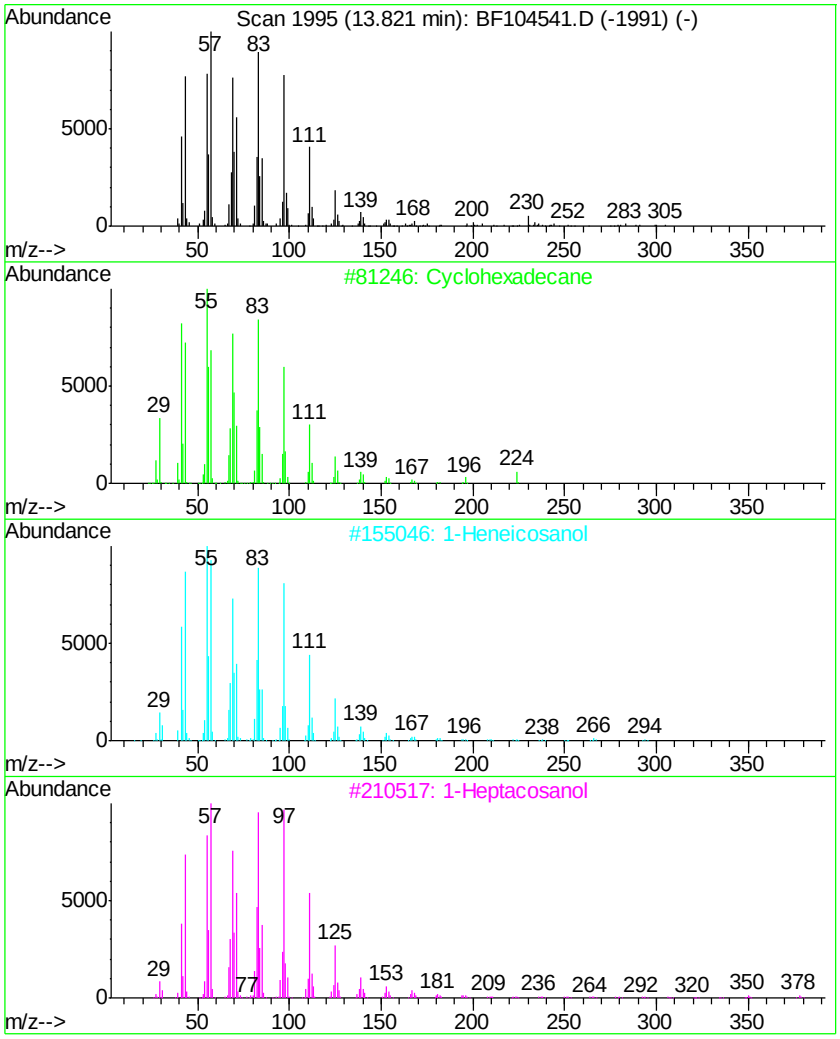
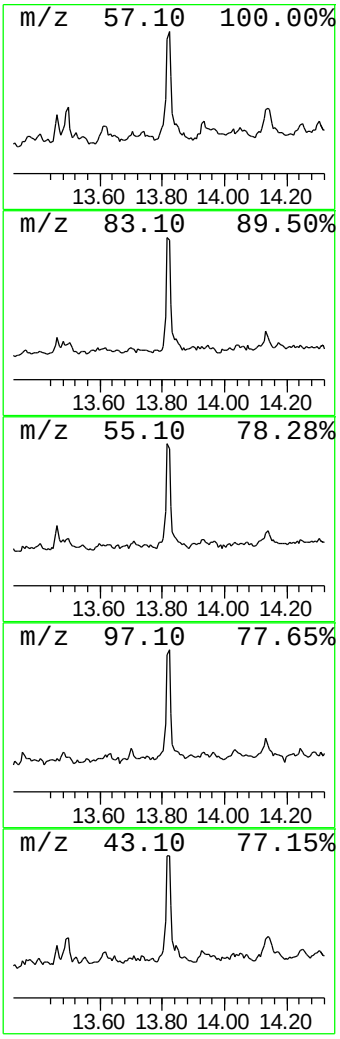
Peak Number 19 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	12.64 ng	591173	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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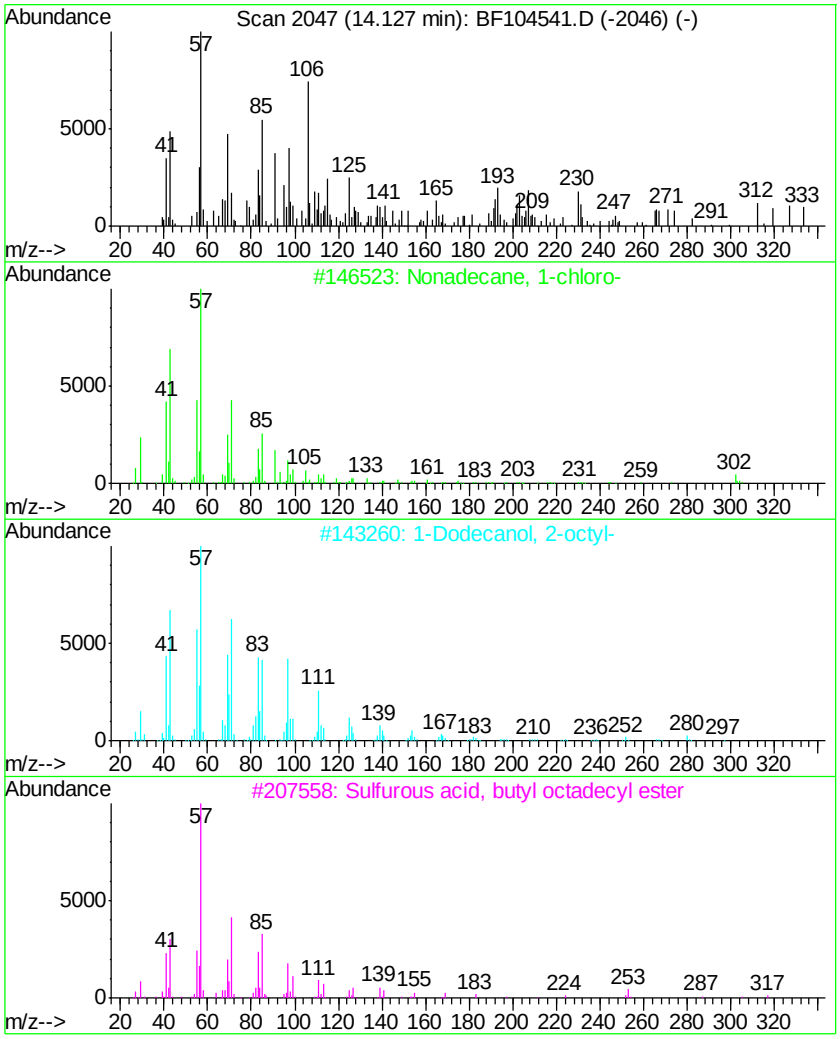
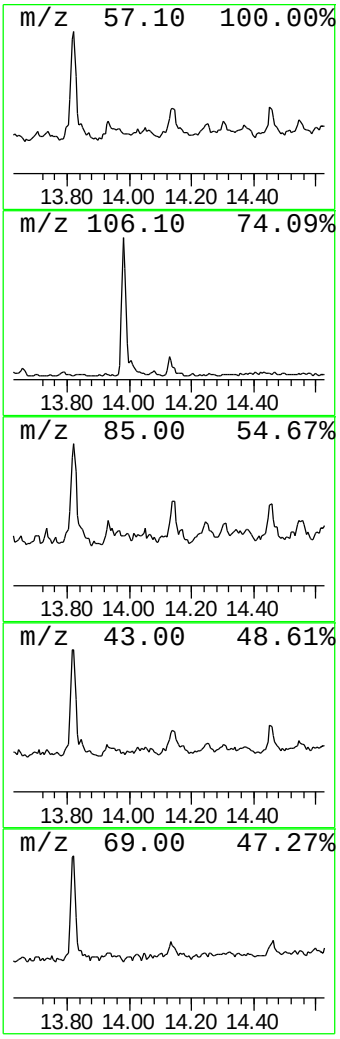
Peak Number 20 unknown14.13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.17 ng	101644	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	49
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	43
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	43
4	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	38
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	38





Tentatively Identified Compound (LSC) summary

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Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-1-2-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
4-Penten-2-one, 4...	3.48	2.5	ng	114451	1	6.81	930531	20.0
3-Penten-2-one, 4...	4.40	123.0	ng	5723410	1	6.81	930531	20.0
2-Pentanone, 4-hy...	5.06	168.2	ng	7825980	1	6.81	930531	20.0
Ethanol, 2-(2-met...	6.03	2.7	ng	127104	1	6.81	930531	20.0
unknown6.57	6.57	6.4	ng	296023	1	6.81	930531	20.0
1-Hexanol, 2-ethyl-	6.86	3.1	ng	142303	1	6.81	930531	20.0
2-Cyclohexen-1-on...	7.13	2.0	ng	94917	1	6.81	930531	20.0
Hexadecane	9.77	2.9	ng	192990	3	9.85	1346360	20.0
Dodecane, 2,7,10-...	10.49	2.3	ng	154440	3	9.85	1346360	20.0
Tetradecane	10.75	9.4	ng	604352	4	11.34	1279990	20.0
Heneicosane	11.20	4.6	ng	297145	4	11.34	1279990	20.0
Tetracosane	11.23	2.8	ng	179199	4	11.34	1279990	20.0
Adipic acid, 2-et...	13.46	3.8	ng	177308	5	13.99	935072	20.0
Cyclohexadecane	13.82	12.6	ng	591173	5	13.99	935072	20.0
unknown14.13	14.13	2.2	ng	101644	5	13.99	935072	20.0