LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

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-BF043015.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	1.507	26	28	31	rVB	1838924	2070979	69.71%	7.006%
2	1.656	38	41	44	rVB	149222	264651	8.91%	0.895%
3	1.770	50	51	55	rBV	244341	333817	11.24%	1.129%
4	1.838	55	57	61	rVV	187805	262708	8.84%	0.889%
5	1.907	61	63	84	rVB	1265743	2887242	97.18%	9.768%
6	5.164	346	348	356	rVB	195941	299508	10.08%	1.013%
7	5.656	388	391	393	rBV	1692518	1983962	66.78%	6.712%
8	6.902	498	500	503	rBV	1892681	1909785	64.28%	6.461%
9	7.062	512	514	517	rBV	1991006	2059152	69.31%	6.966%
10	7.359	537	540	542	rBV	440282	452955	15.25%	1.532%
11	7.542	554	556	559	rVB	1820489	1598721	53.81%	5.409%
12	8.045	597	600	602	rBV	1478288	1275985	42.95%	4.317%
13	8.936	675	678	680	rBV	507114	612703	20.62%	2.073%
14	10.274	793	795	798	rBV	2158116	2453268	82.57%	8.300%
15	10.776	837	839	842	rBV	106405	112242	3.78%	0.380%
16	11.108	866	868	871	rBV	751856	711457	23.95%	2.407%
17	12.091	951	954	956	rBV	1456680	1641256	55.24%	5.553%
18	12.274	968	970	974	rBV	28034	35435	1.19%	0.120%
19	12.948	1027	1029	1031	rBV	556797	756885	25.48%	2.561%
20	12.982	1031	1032	1034	rVB	47357	36236	1.22%	0.123%
21	13.245	1053	1055	1058	rBV	61336	62849	2.12%	0.213%
22	13.668	1089	1092	1095	rBV	69841	114722	3.86%	0.388%
23	14.457	1159	1161	1164	rVB	52895	68782	2.32%	0.233%
24	14.651	1175	1178	1183	rBV3	19520	44932	1.51%	0.152%
25	14.743	1183	1186	1187	rVV	70110	81905	2.76%	0.277%
26	14.765	1187	1188	1190	rVV2	214138	253481	8.53%	0.858%
27	14.811	1190	1192	1196	rVV	464531	605444	20.38%	2.048%
28	14.868	1196	1197	1199	rVV	61126	54414	1.83%	0.184%
29	14.948	1202	1204	1207	rVB	2379973	2971059	100.00%	10.051%
30	15.657	1263	1266	1268	rBV	197647	189380	6.37%	0.641%
31	15.714	1268	1271	1272	rVV2	33774	30601	1.03%	0.104%
32	15.908	1285	1288	1292	rBV2	13231	29775	1.00%	0.101%
33	16.126	1305	1307	1315	rBV	204081	316538	10.65%	1.071%
34	16.251	1315	1318	1320	rVV	780945	895139	30.13%	3.028%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.286	1320	1321	1324	rVB2	53778	64223	2.16%	0.217%
36	16.548	1342	1344	1348	rVB	58839	72731	2.45%	0.246%
37	16.948	1377	1379	1384	rBV	59132	111458	3.75%	0.377%
38	17.154	1395	1397	1399	rVB	31838	36513	1.23%	0.124%
39	17.360	1412	1415	1417	rBV	40626	66989	2.25%	0.227%
40	17.531	1427	1430	1431	rBV	46882	64356	2.17%	0.218%
41	17.566	1431	1433	1439	rVB	34163	82717	2.78%	0.280%
42	17.760	1447	1450	1451	rBV	48792	88462	2.98%	0.299%
43	17.897	1460	1462	1464	rBV	23351	30692	1.03%	0.104%
44	17.954	1465	1467	1471	rVV	26372	43729	1.47%	0.148%
45	18.034	1471	1474	1483	rVB	647945	902222	30.37%	3.052%
46	18.160	1483	1485	1490	rBV2	34358	57704	1.94%	0.195%
47	18.377	1501	1504	1506	rBV3	20473	35015	1.18%	0.118%
48	18.629	1523	1526	1528	rBV	44063	78231	2.63%	0.265%
49	18.674	1528	1530	1533	rBV3	26915	61535	2.07%	0.208%
50	19.154	1569	1572	1577	rBV3	18147	47311	1.59%	0.160%
51	19.452	1595	1598	1601	rVV3	15493	32204	1.08%	0.109%
52	19.532	1602	1605	1611	rVB3	14715	35275	1.19%	0.119%
53	19.772	1622	1626	1630	rBV2	25537	66114	2.23%	0.224%
54	20.195	1659	1663	1668	rBV3	38608	103362	3.48%	0.350%

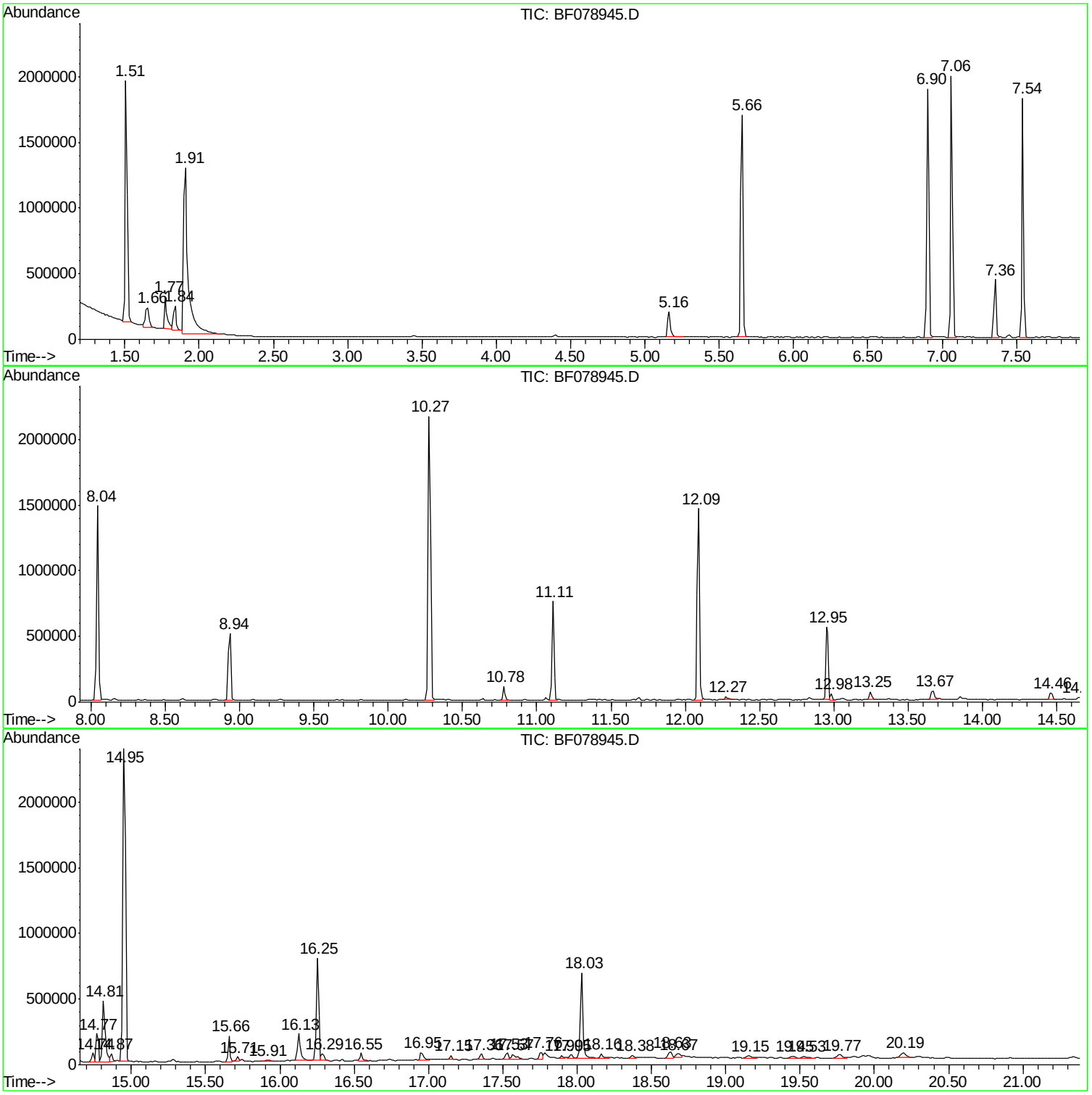
Sum of corrected areas: 29558811

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

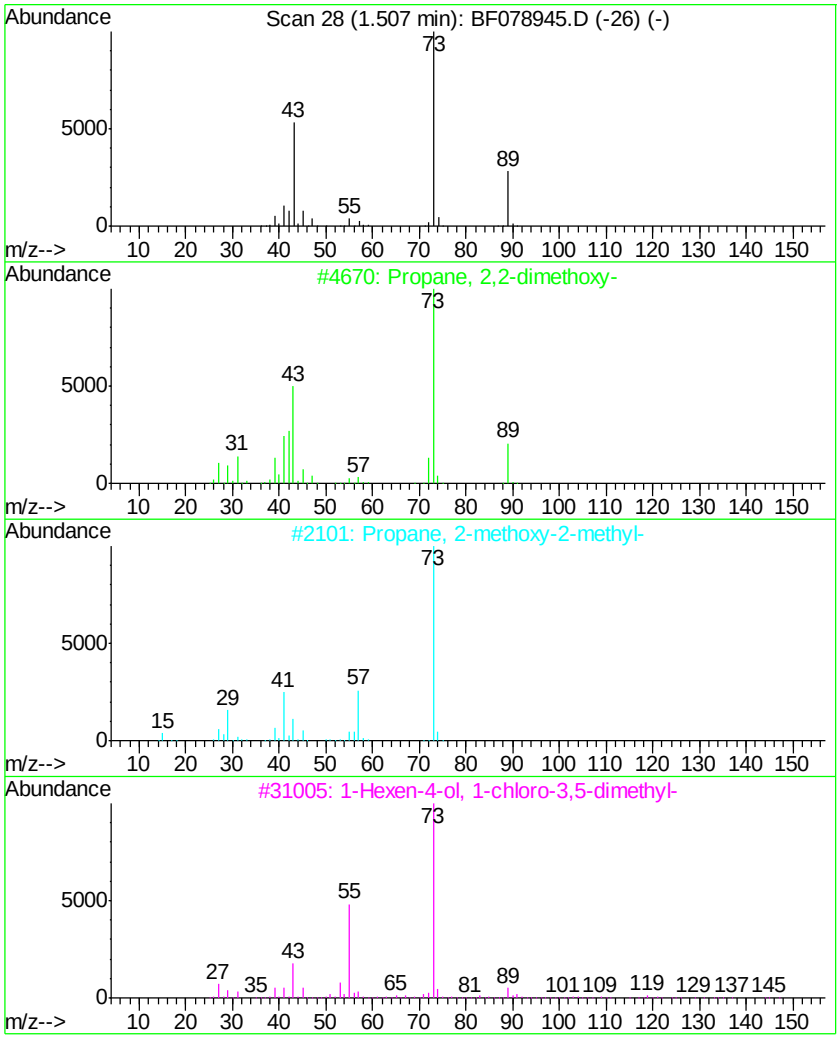
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

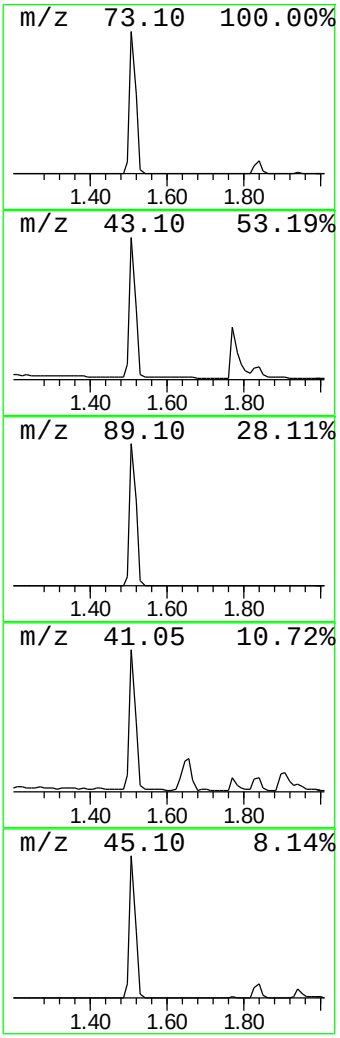
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	91.44 ng	2070980	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

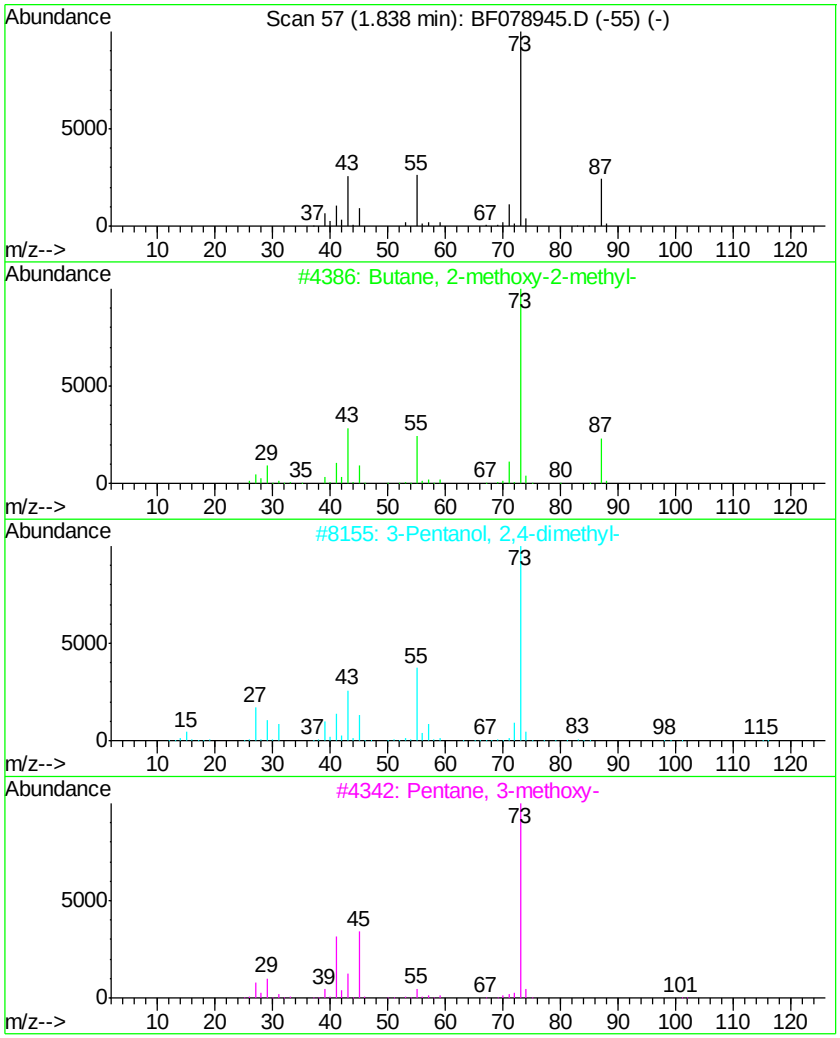
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

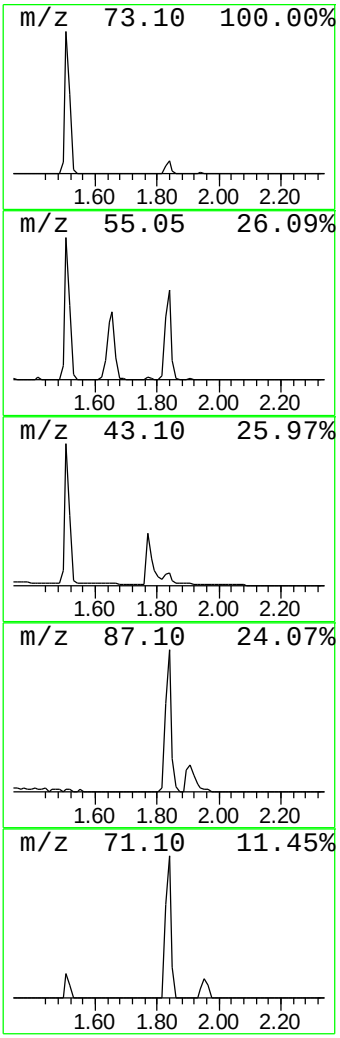
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	11.60 ng	262708	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

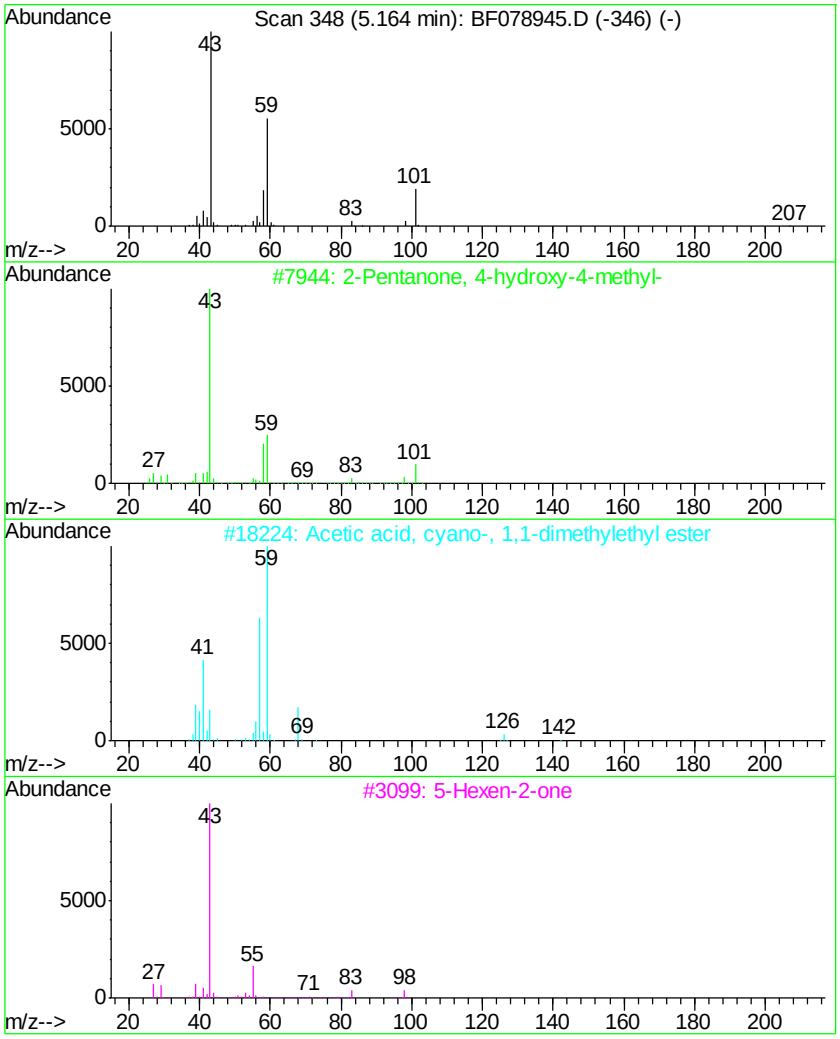
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

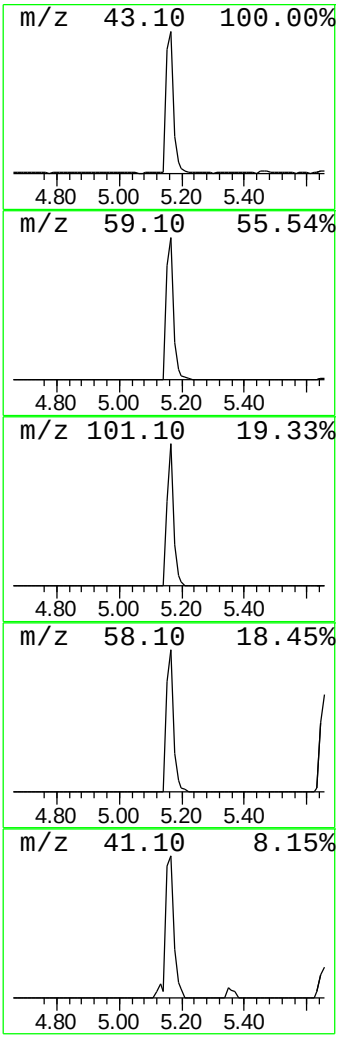
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	13.22 ng	299508	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

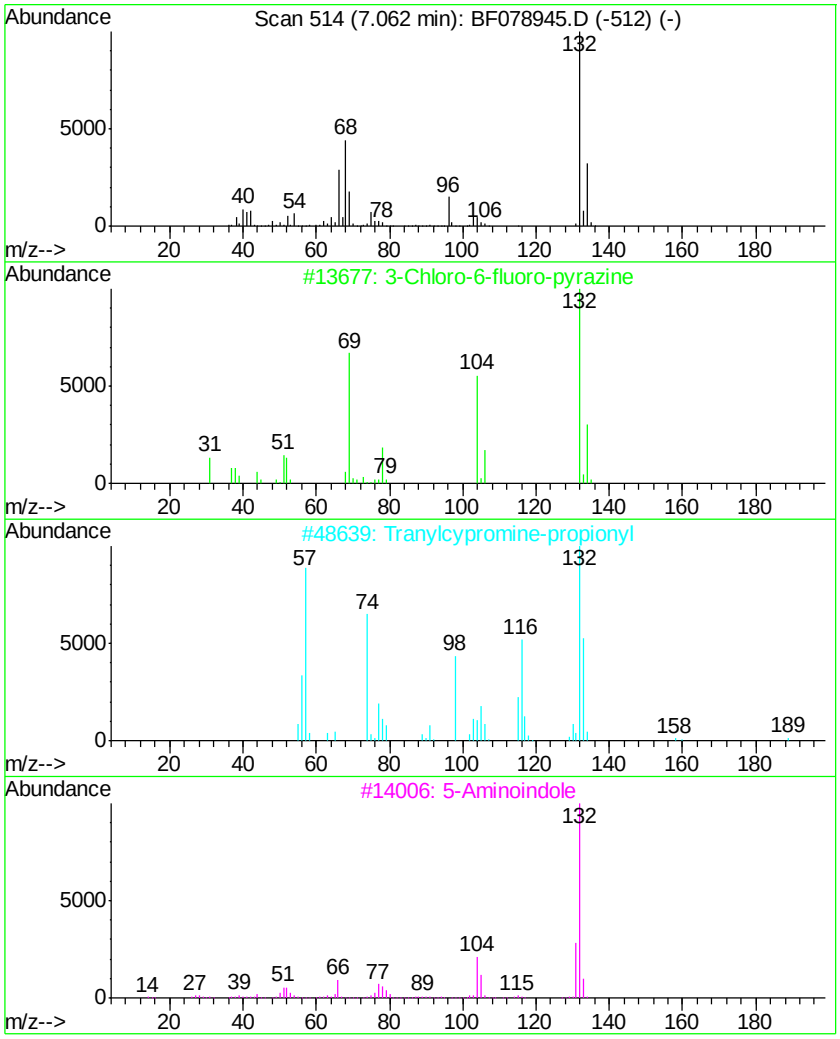
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

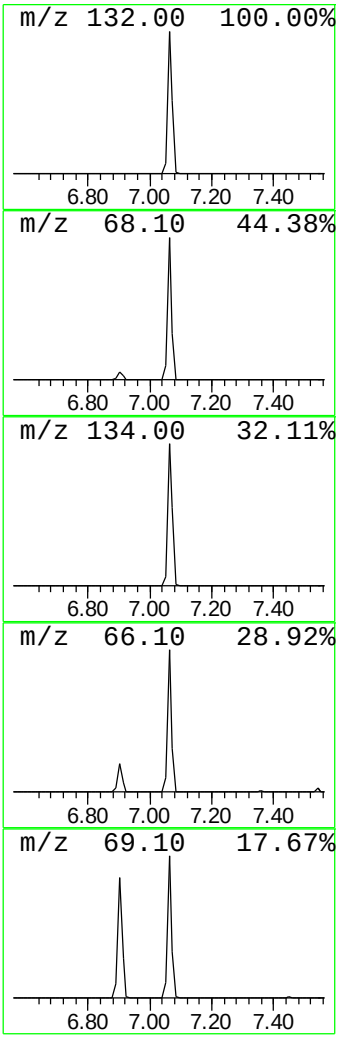
****

Peak Number 7 unknown7.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	90.92 ng	2059150	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

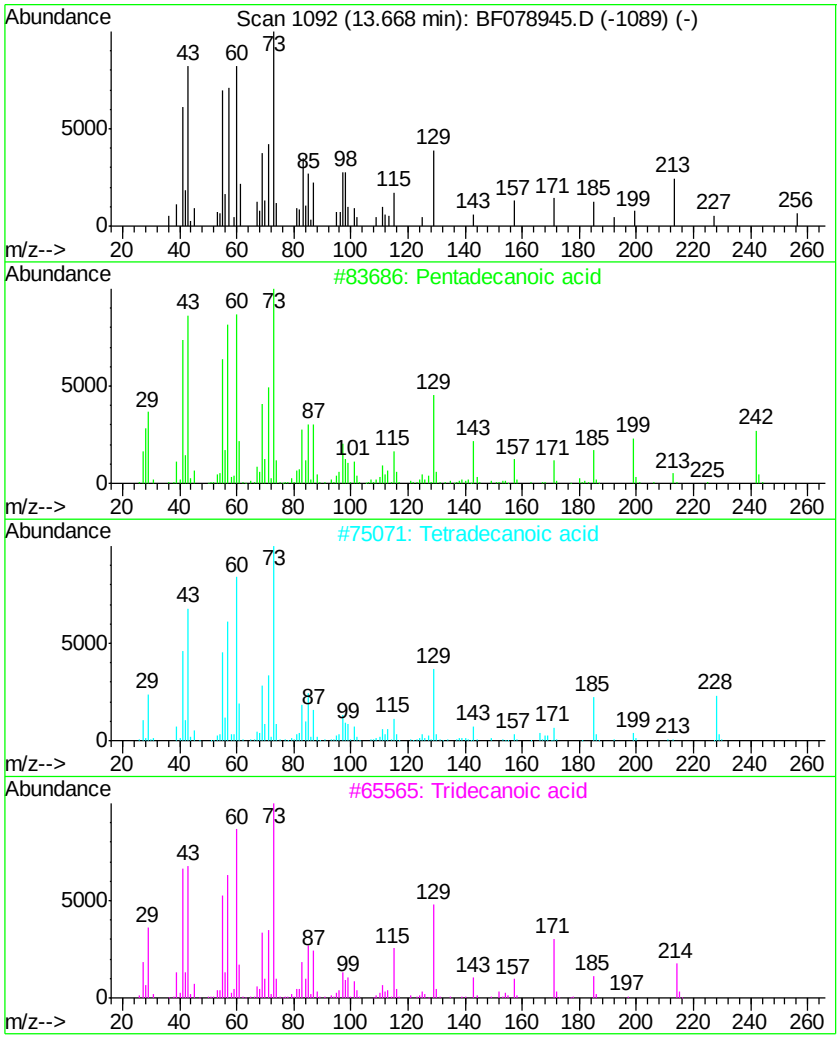
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

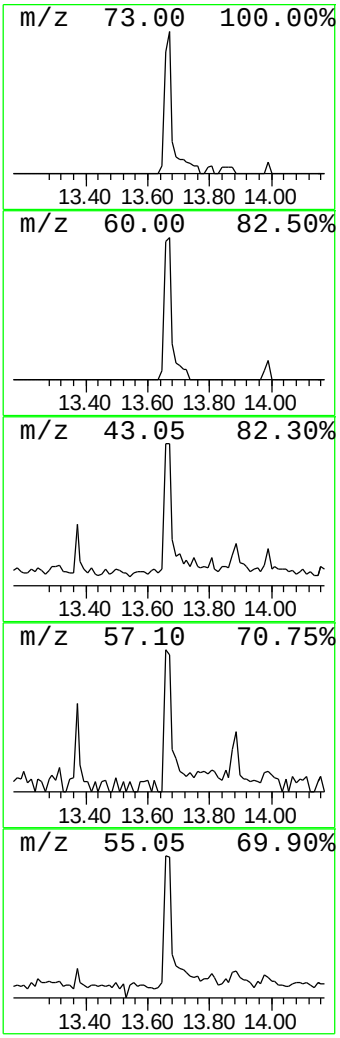
****

Peak Number 9 Pentadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.03 ng	114722	Phenanthrene-d10	12.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	Tridecane	184	C13H28	000629-50-5	10
5	Pentadecane	212	C15H32	000629-62-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

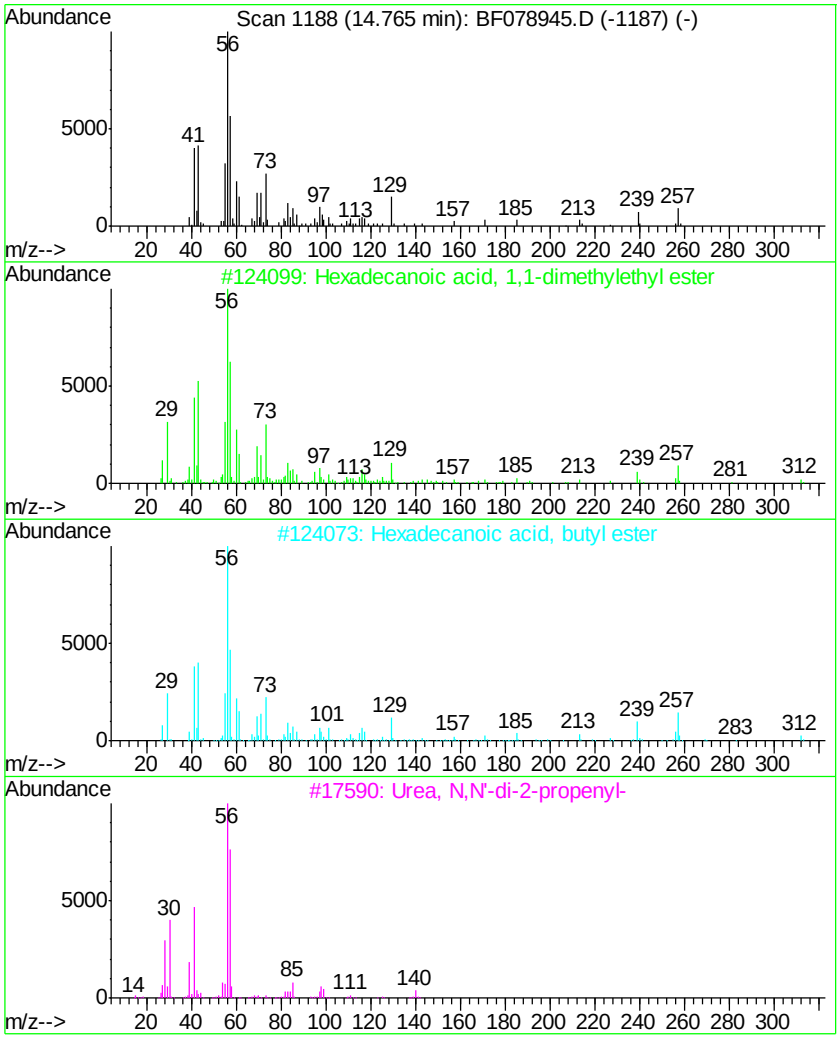
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

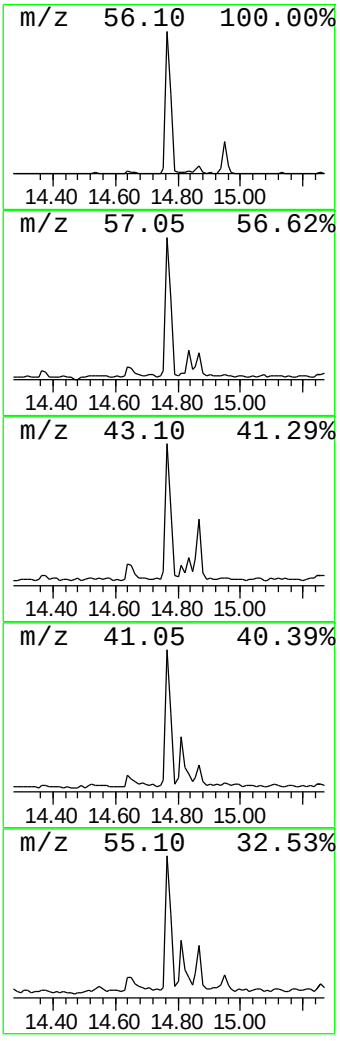
****

Peak Number 10 Hexadecanoic acid, 1,1-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.66 ng	253481	Chrysene-d12	16.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	76
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
3	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

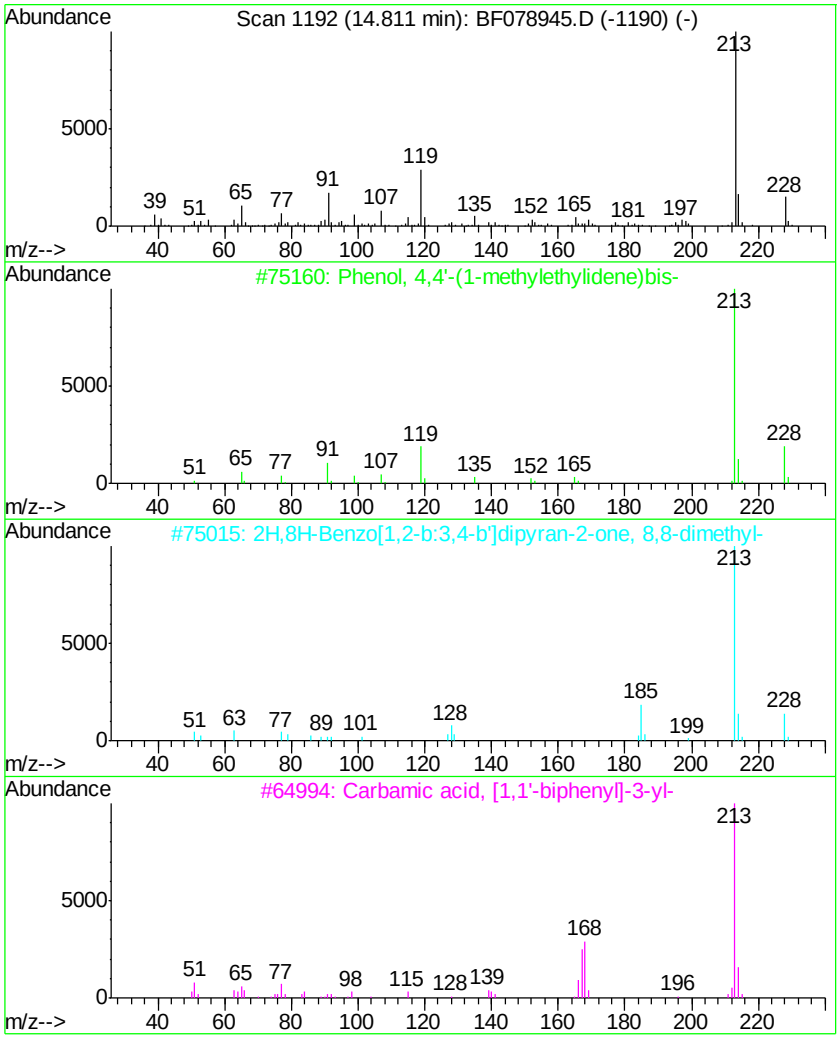
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

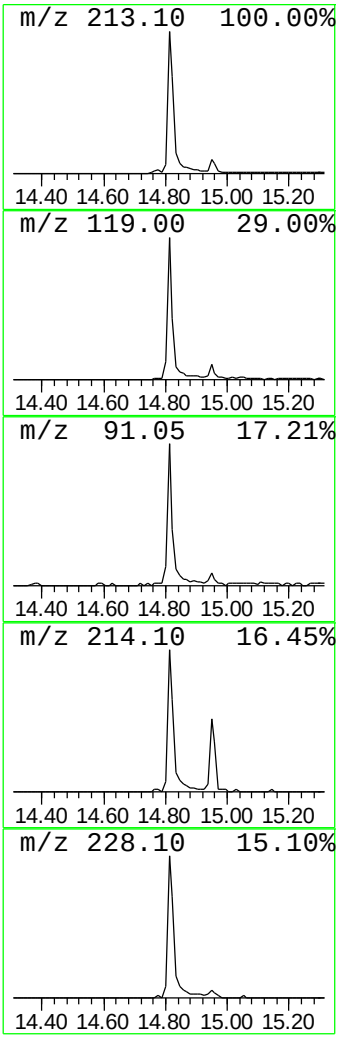
****

Peak Number 11 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	13.53 ng	605444	Chrysene-d12	16.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
3	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	49
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
5	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

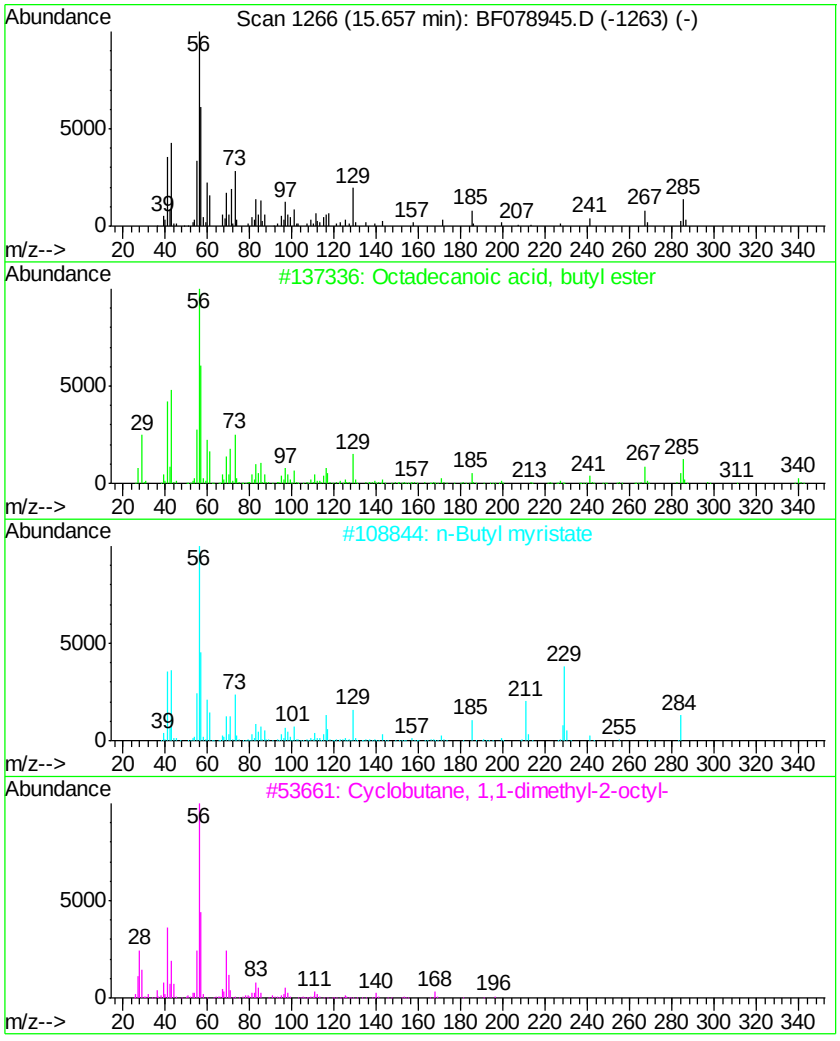
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

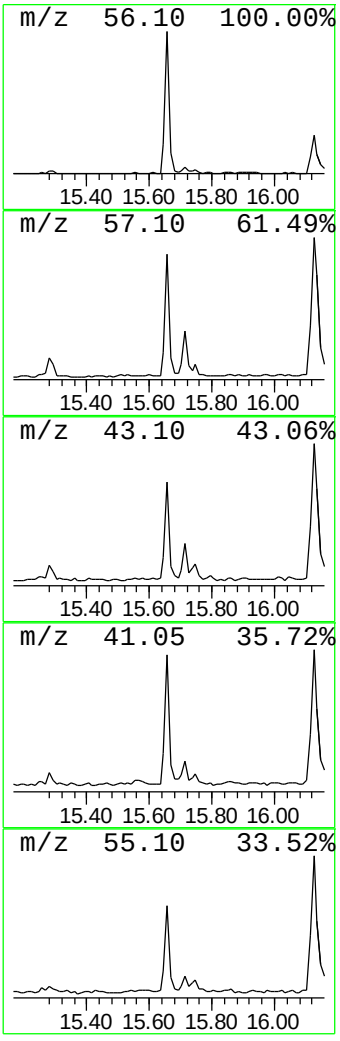
****

Peak Number 12 Octadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.23 ng	189380	Chrysene-d12	16.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	n-Butyl myristate	284	C18H36O2	000110-36-1	64
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
4	2-Methyl-1-octadecene	266	C19H38	061868-20-0	38
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35





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Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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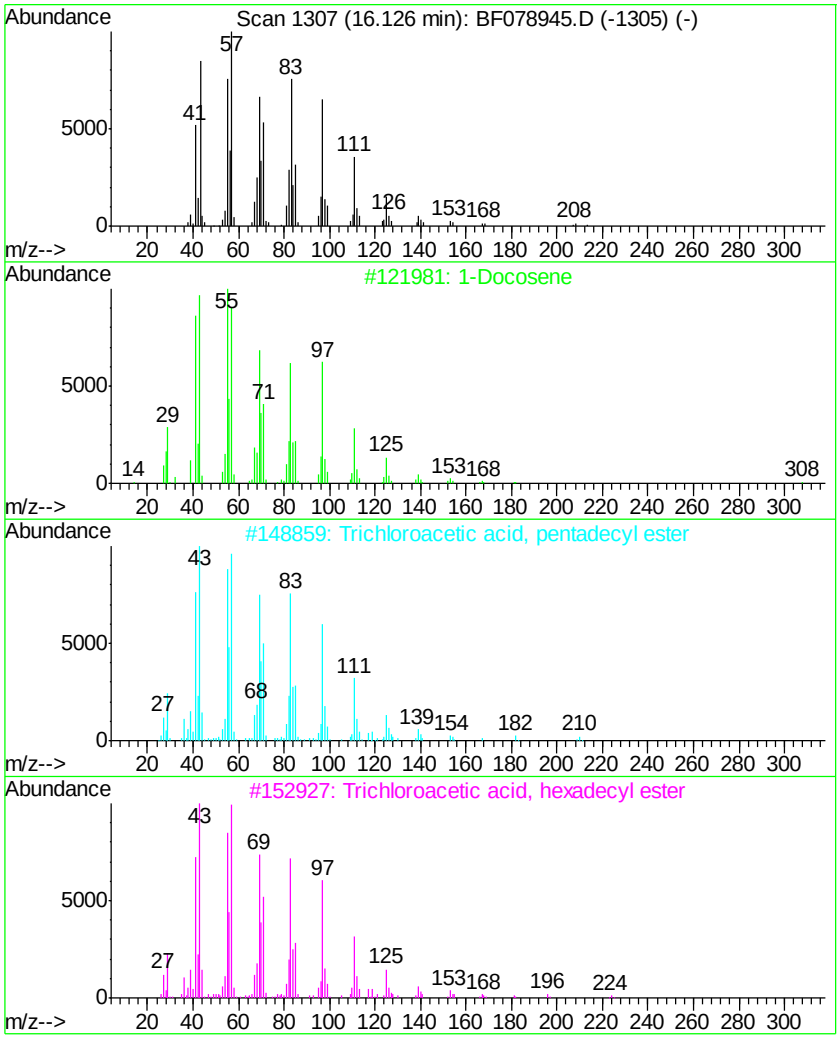
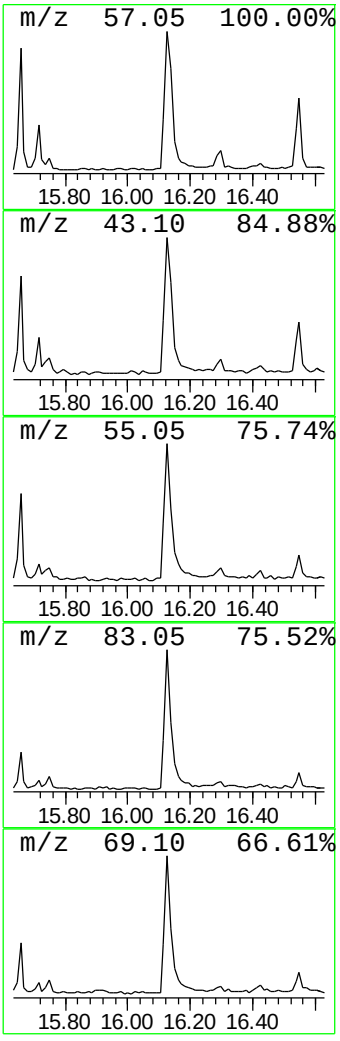
Peak Number 13 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	7.07 ng	316538	Chrysene-d12	16.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	1-Nonadecene	266	C19H38	018435-45-5	83





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Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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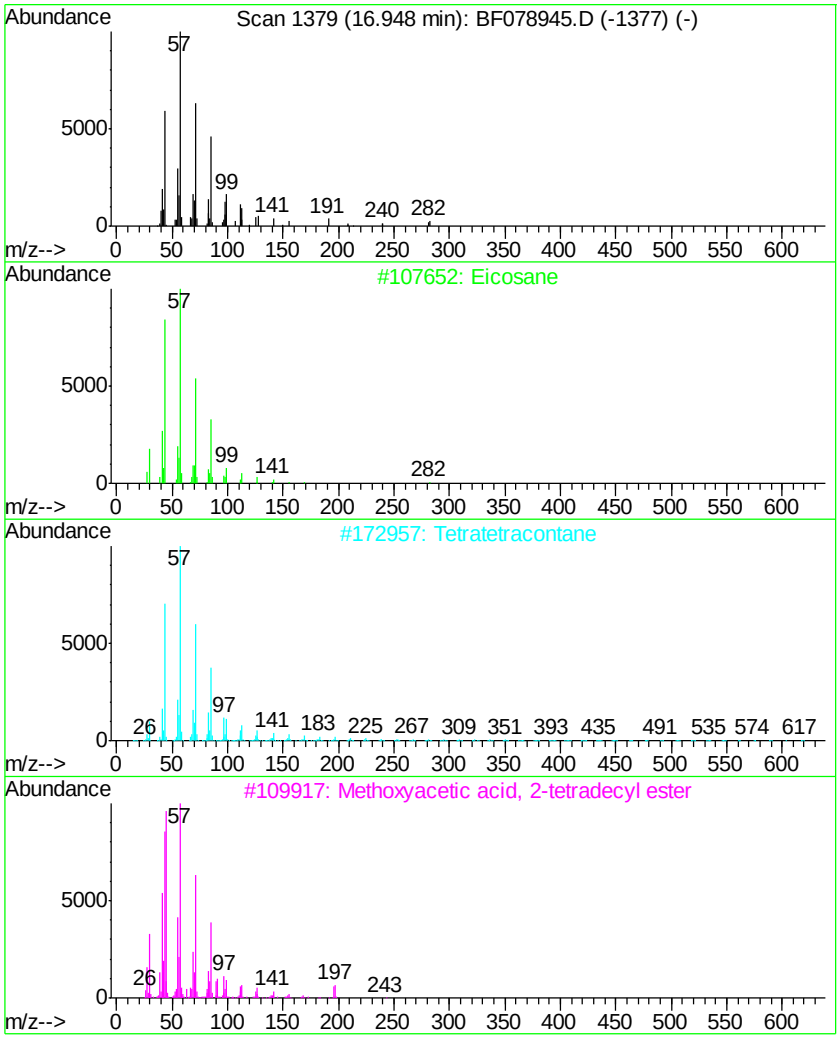
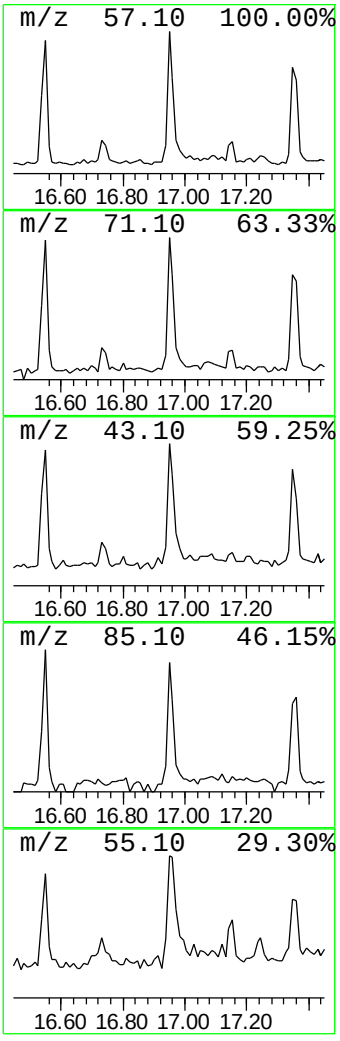
Peak Number 14 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.49 ng	111458	Chrysene-d12	16.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Triacontane	422	C30H62	000638-68-6	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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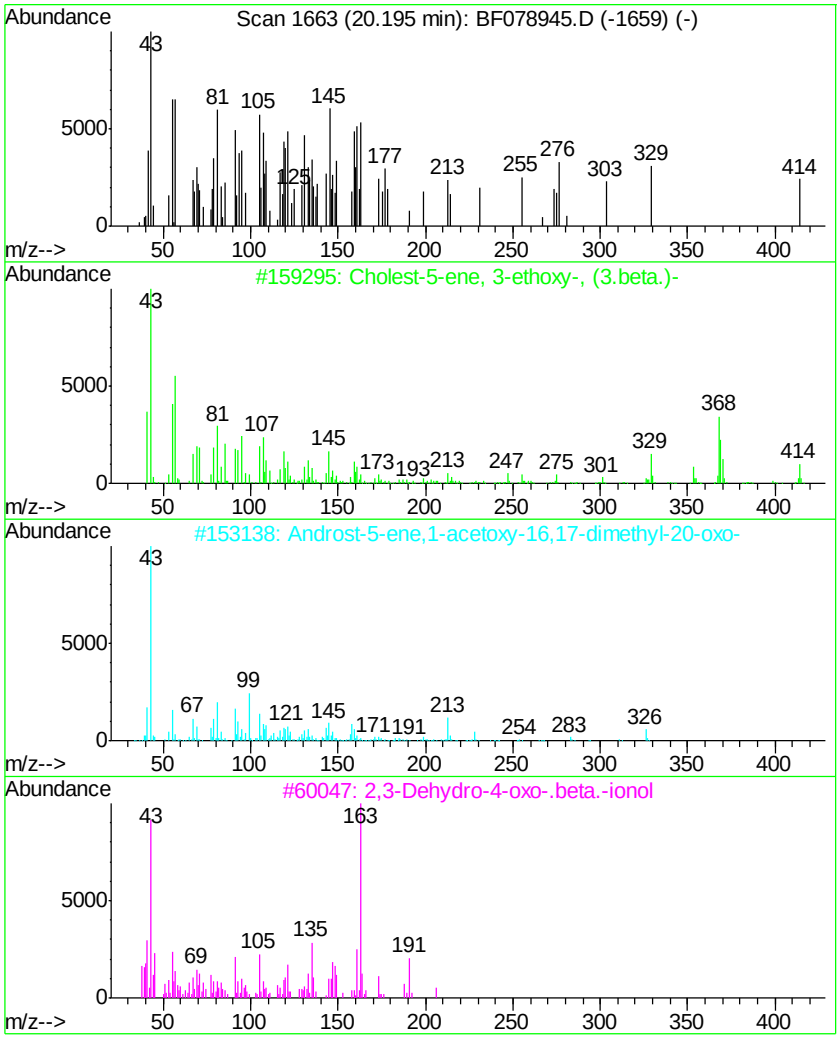
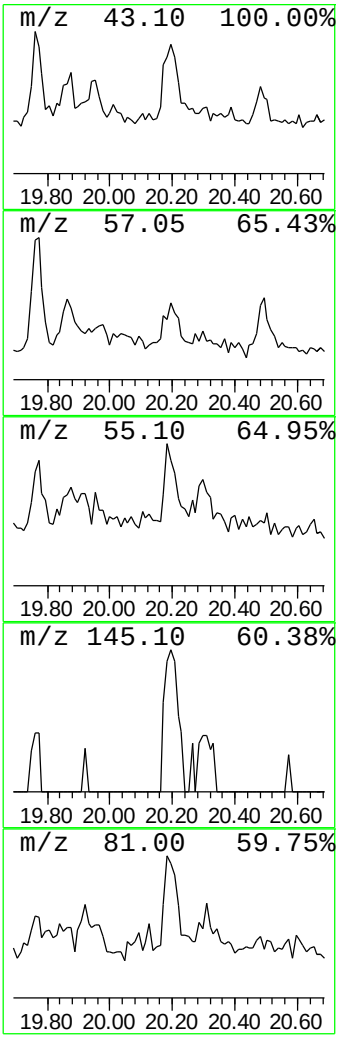
Peak Number 15 unknown20.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.29 ng	103362	Perylene-d12	18.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	11
2	Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	10
3	2,3-Dehydro-4-oxo-.beta.-ionol	206	C13H18O2	1000108-72-3	10
4	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	10
5	1H-Pyrrole-1-carboxylic acid, 2-...	329	C15H24BrNO2	168106-33-0	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
Data File : BF078945.D
Acq On : 5 May 2015 17:28
Operator : TP/IZ
Sample : G2032-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.51	91.4	ng	2070980	1	7.36	452955	20.0
Butane, 2-methoxy...	1.84	11.6	ng	262708	1	7.36	452955	20.0
2-Pentanone, 4-hy...	5.16	13.2	ng	299508	1	7.36	452955	20.0
unknown7.06	7.06	90.9	ng	2059150	1	7.36	452955	20.0
Pentadecanoic acid	13.67	3.0	ng	114722	4	12.96	756885	20.0
Hexadecanoic acid...	14.77	5.7	ng	253481	5	16.25	895139	20.0
Phenol, 4,4'-(1-m...	14.81	13.5	ng	605444	5	16.25	895139	20.0
Octadecanoic acid...	15.66	4.2	ng	189380	5	16.25	895139	20.0
1-Docosene	16.13	7.1	ng	316538	5	16.25	895139	20.0
Eicosane	16.95	2.5	ng	111458	5	16.25	895139	20.0
unknown20.19	20.19	2.3	ng	103362	6	18.03	902222	20.0