LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086905.D
Acq On : 11 May 2016 23:31
Operator : UM/SJ
Sample : H2940-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E20(16-16.5)

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-BF050916.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	1.633	3	4	13	rVB	892776	1529544	13.19%	2.987%
2	1.747	13	14	84	rVB	4930682	11598330	100.00%	22.651%
3	4.776	276	279	286	rBV	308568	582769	5.02%	1.138%
4	5.221	315	318	327	rBV	3406596	3650253	31.47%	7.129%
5	6.204	401	404	406	rBV3	171246	304673	2.63%	0.595%
6	6.296	410	412	414	rBV	3641471	4171591	35.97%	8.147%
7	6.399	419	421	424	rBV	3267710	3631763	31.31%	7.093%
8	6.627	439	441	448	rBV	1101203	1090366	9.40%	2.129%
9	6.787	452	455	457	rBV	3052441	2951779	25.45%	5.765%
10	7.199	489	491	494	rBV	1979650	2382084	20.54%	4.652%
11	7.919	551	554	556	rBV	1532057	1436122	12.38%	2.805%
12	8.993	646	648	651	rBV	2822101	3706263	31.96%	7.238%
13	9.393	681	683	686	rBV	602733	841511	7.26%	1.643%
14	9.610	700	702	704	rBV	169985	146791	1.27%	0.287%
15	9.668	704	707	709	rVV	1690175	1599530	13.79%	3.124%
16	10.113	744	746	747	rVB	173138	160499	1.38%	0.313%
17	10.456	773	776	778	rBV	2711924	2747872	23.69%	5.366%
18	10.502	778	780	783	rVV3	147978	178798	1.54%	0.349%
19	10.582	783	787	794	rVB	212414	416087	3.59%	0.813%
20	11.142	834	836	840	rVV	1640739	1549191	13.36%	3.025%
21	11.691	882	884	888	rBV	148075	196348	1.69%	0.383%
22	12.354	940	942	943	rBV	125129	171343	1.48%	0.335%
23	12.559	959	960	964	rBV2	246070	371624	3.20%	0.726%
24	12.731	972	975	977	rBV	3089862	3201189	27.60%	6.252%
25	13.268	1020	1022	1023	rBV	141517	145482	1.25%	0.284%
26	13.645	1052	1055	1063	rBV2	99621	309022	2.66%	0.604%
27	13.771	1063	1066	1068	rBV	1130812	1220289	10.52%	2.383%
28	15.131	1182	1185	1191	rVB	768677	913623	7.88%	1.784%

Sum of corrected areas: 51204736

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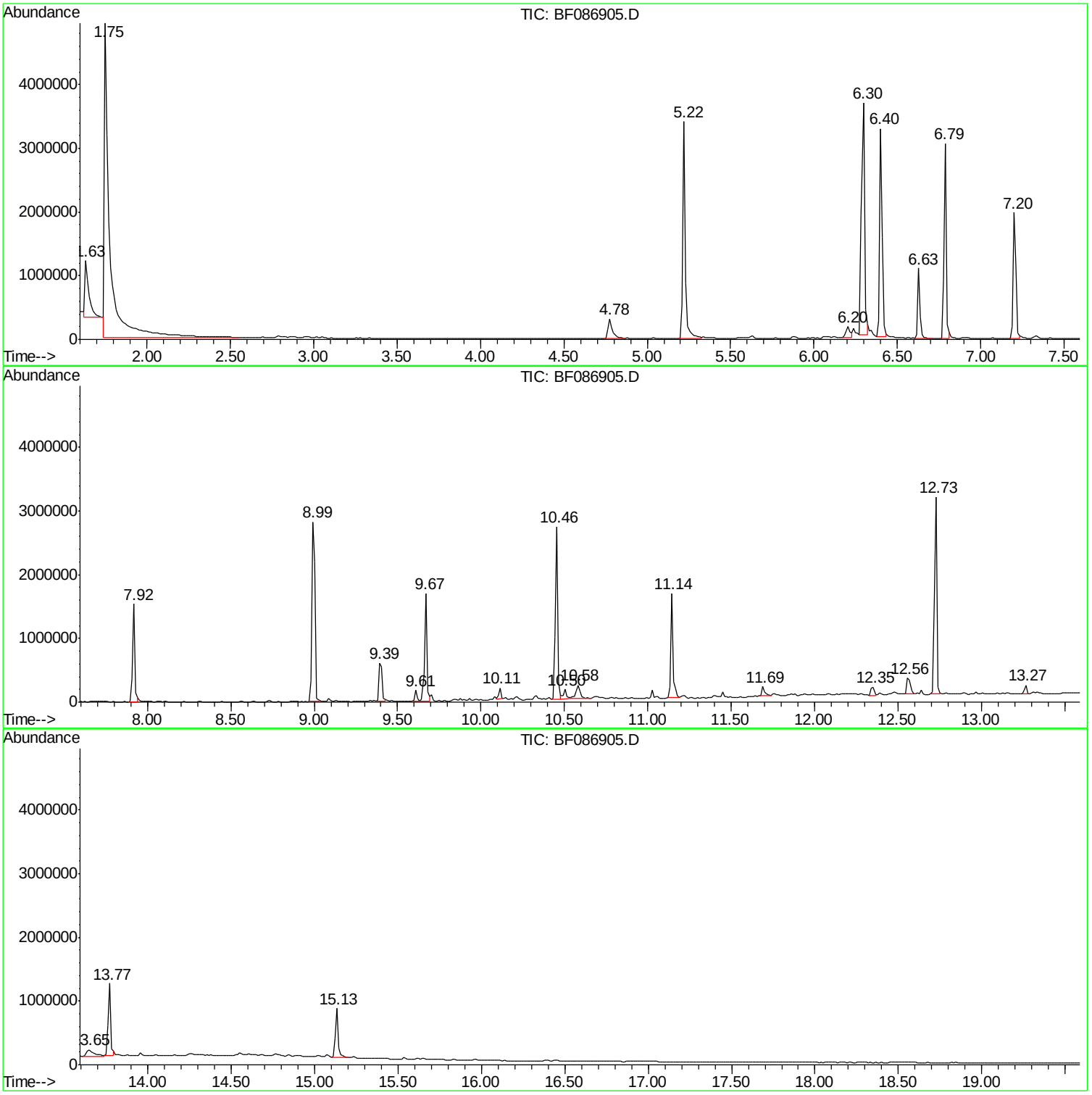
E20(16-16.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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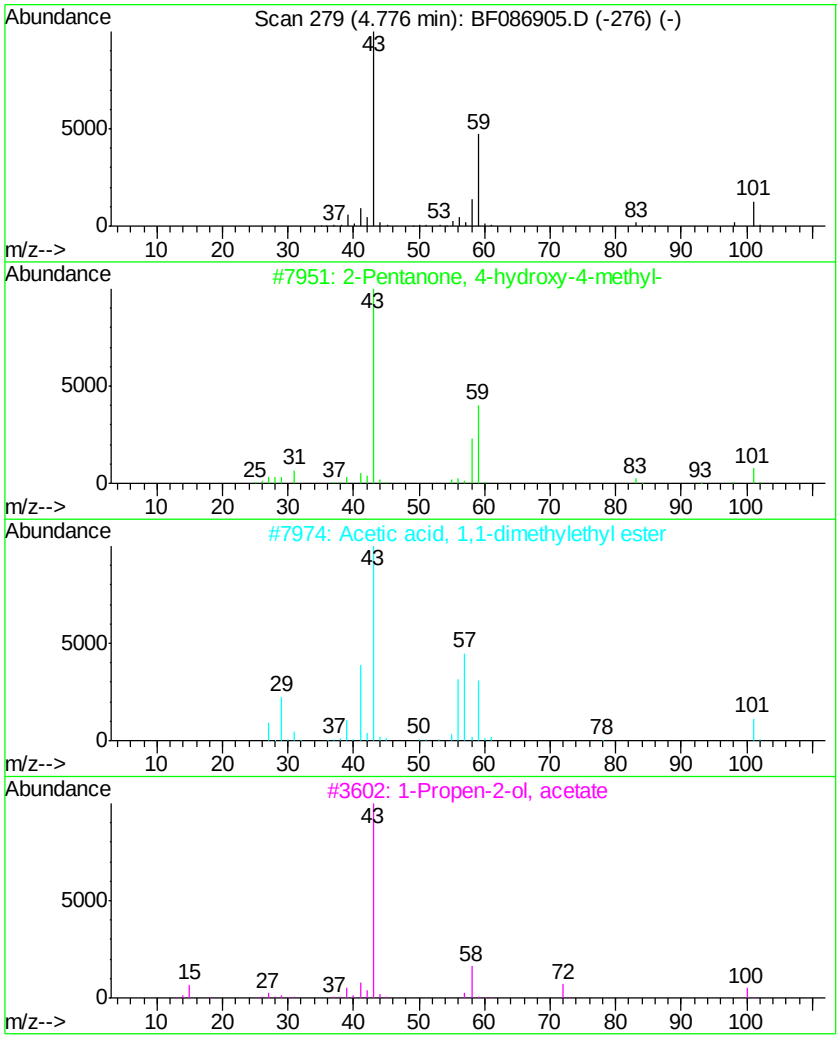
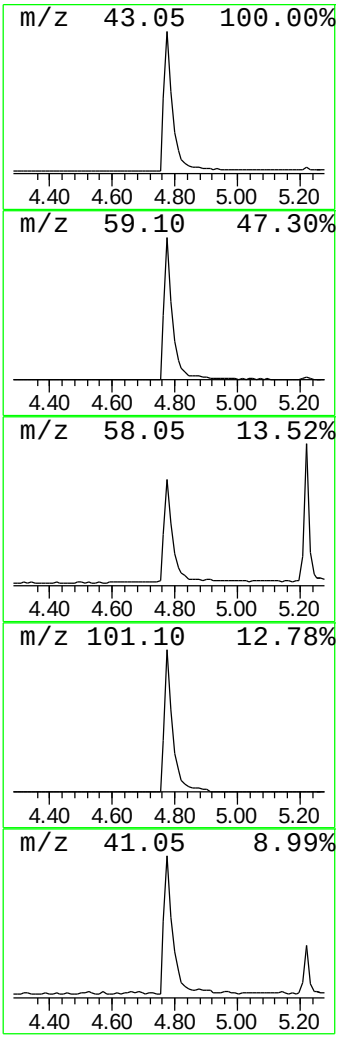
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	10.69 ng	582769	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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Acq On : 11 May 2016 23:31
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Sample : H2940-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E20(16-16.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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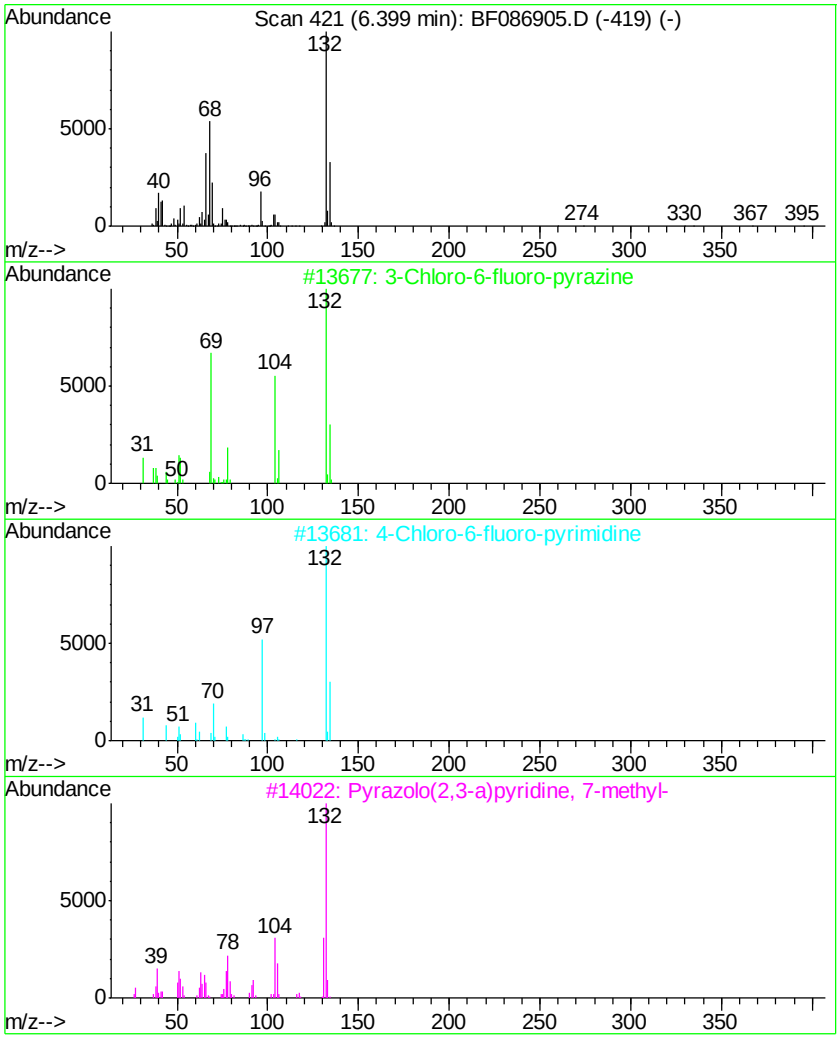
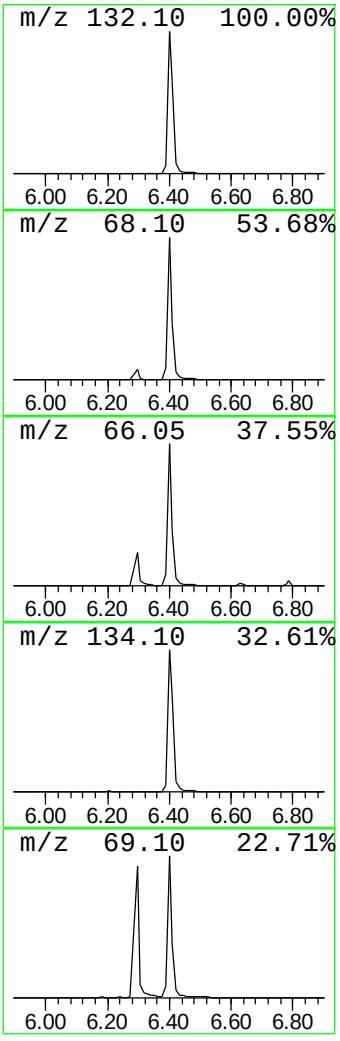
Peak Number 5 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	66.62 ng	3631760	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





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Sample : H2940-01
Misc :
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Instrument : BNA_F
ClientSampleId : E20(16-16.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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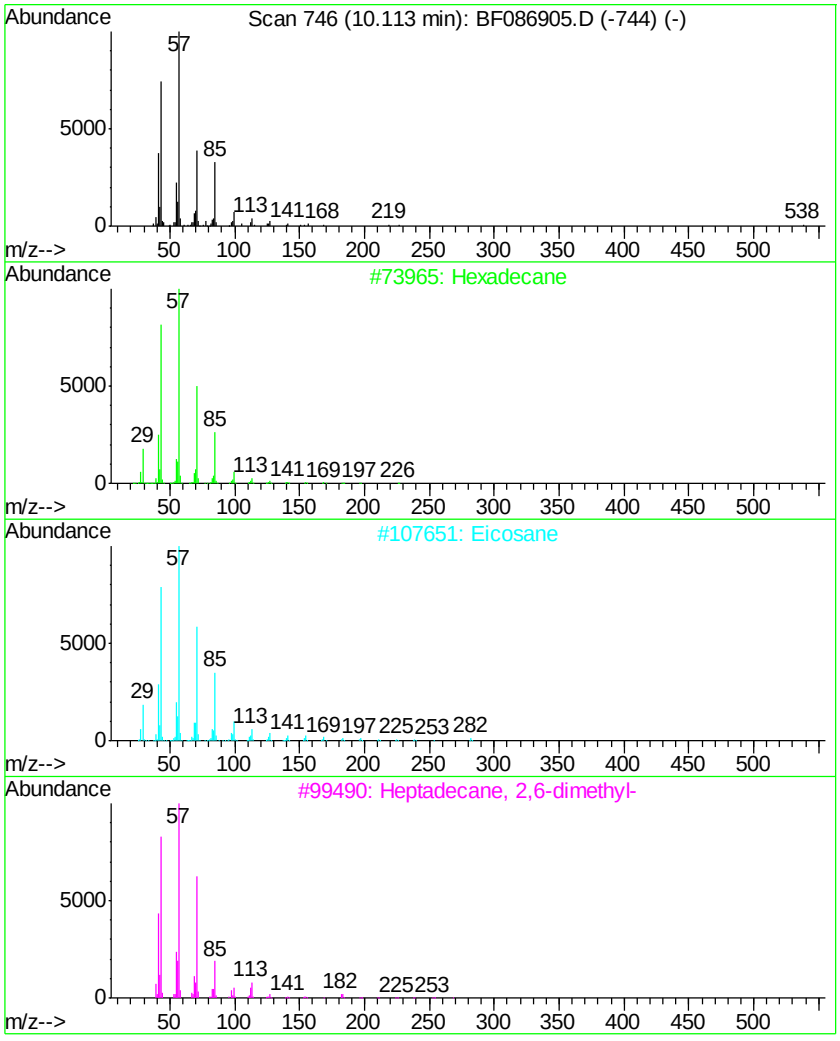
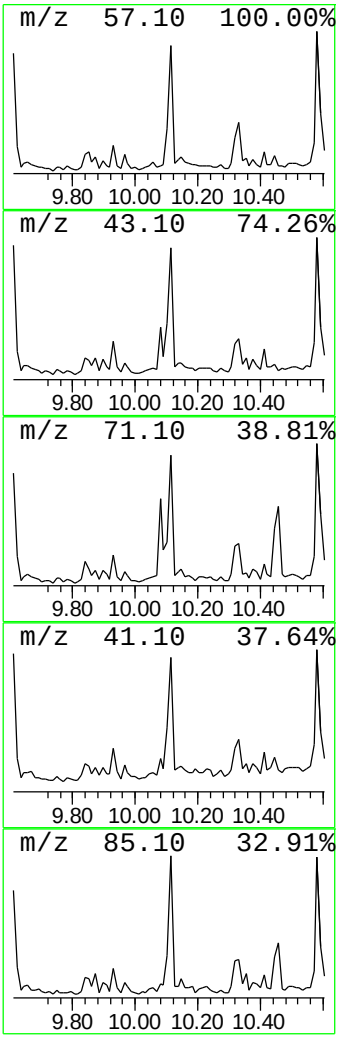
Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.01 ng	160499	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Eicosane	282	C20H42	000112-95-8	78
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





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Sample : H2940-01
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Instrument : BNA_F
ClientSampleId : E20(16-16.5)

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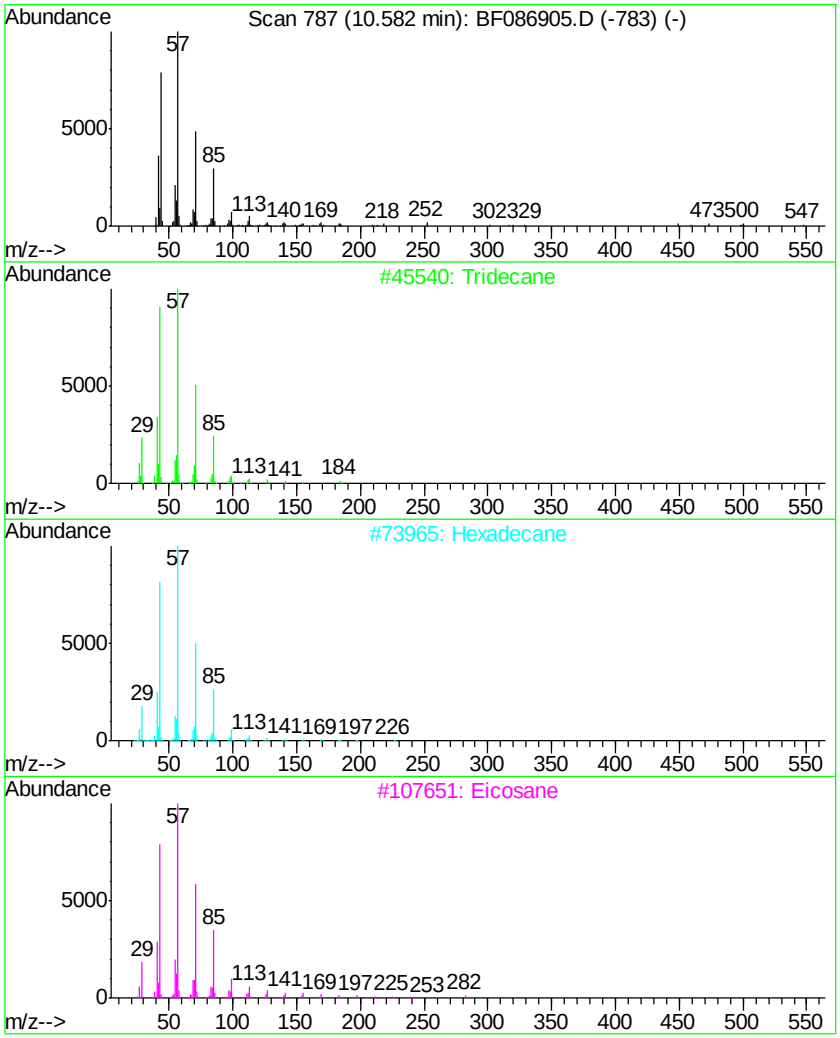
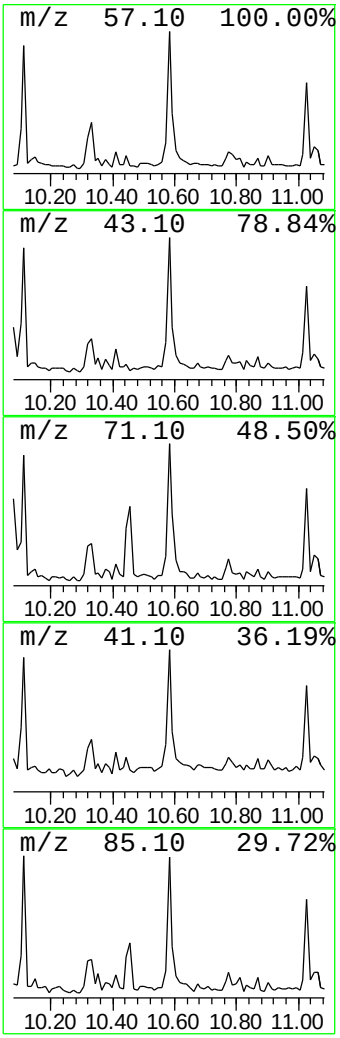
Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	5.37 ng	416087	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	74
3	Eicosane	282	C20H42	000112-95-8	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72





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Acq On : 11 May 2016 23:31
Operator : UM/SJ
Sample : H2940-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E20(16-16.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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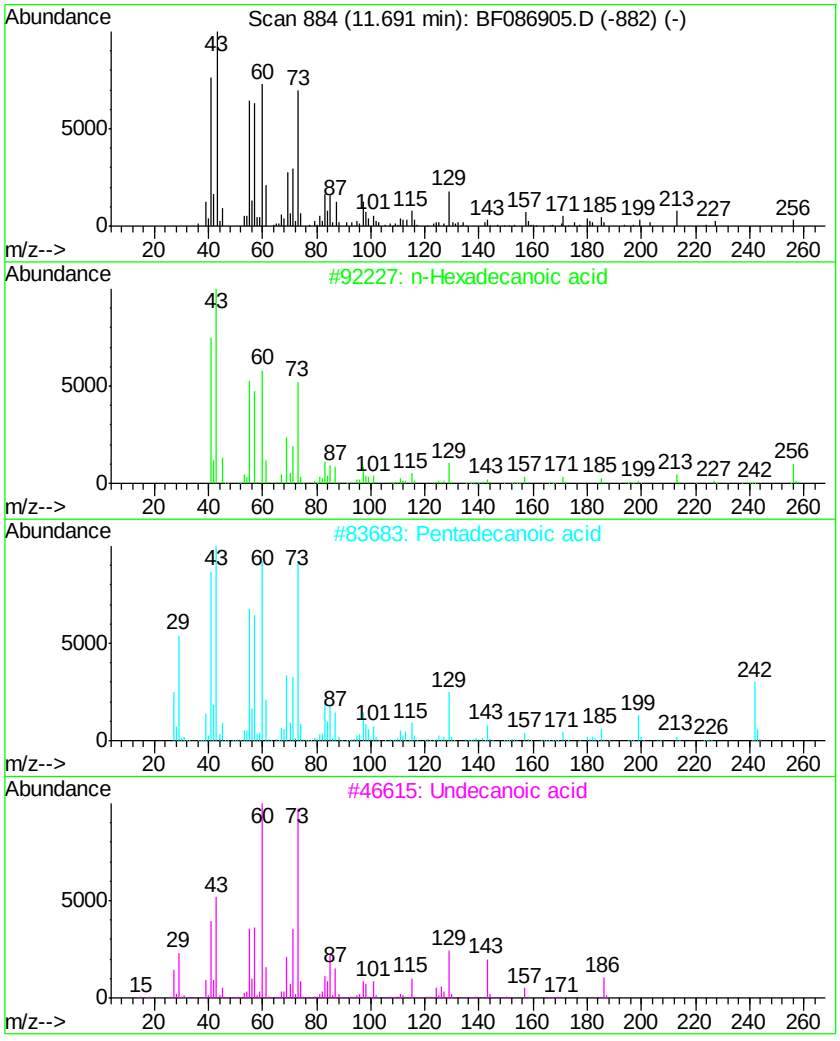
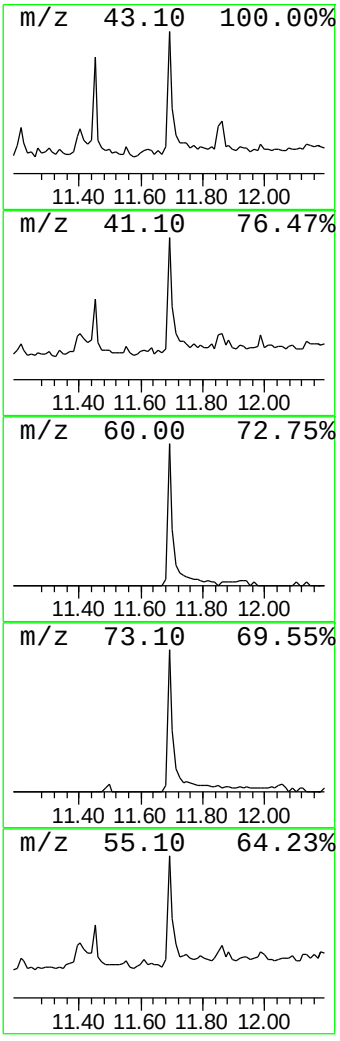
Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.53 ng	196348	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Sample : H2940-01
Misc :
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Instrument : BNA_F
ClientSampleId : E20(16-16.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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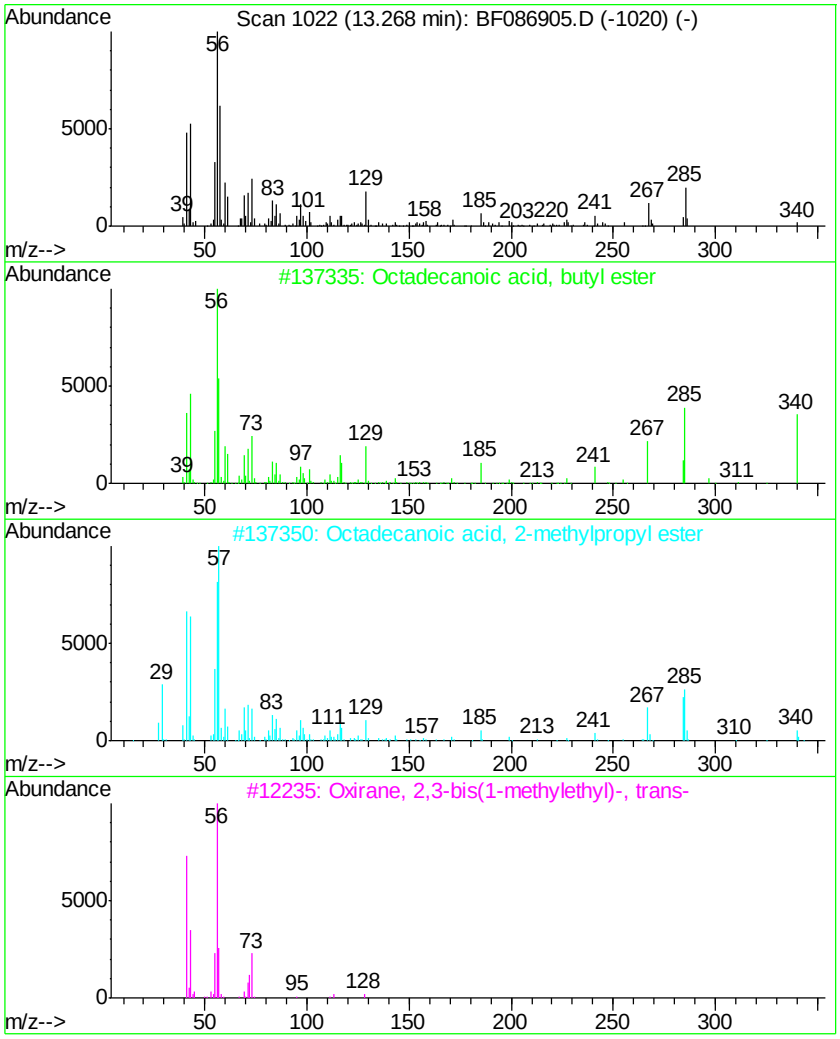
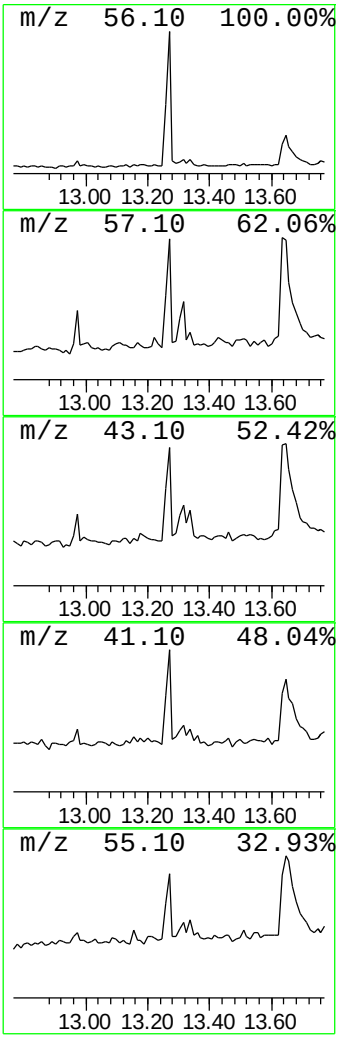
Peak Number 10 Octadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.38 ng	145482	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
4	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	38
5	1-Undecene, 2-methyl-	168	C12H24	018516-37-5	35





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Sample : H2940-01
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Instrument : BNA_F
ClientSampleId : E20(16-16.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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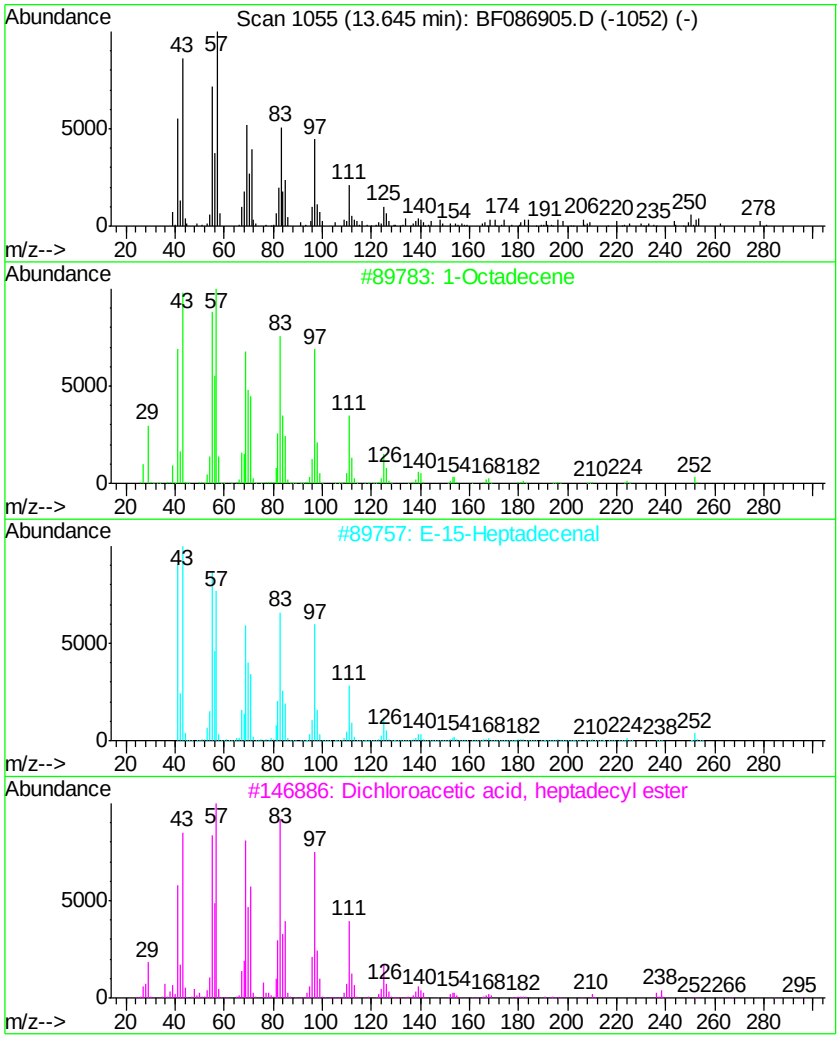
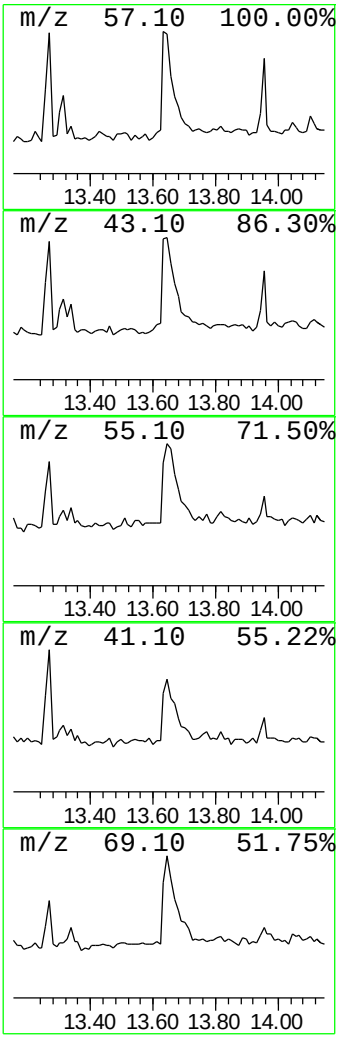
Peak Number 11 1-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	5.06 ng	309022	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.78	10.7	ng	582769	1	6.63	1090370	20.0
unknown6.40	6.40	66.6	ng	3631760	1	6.63	1090370	20.0
Hexadecane	10.11	2.0	ng	160499	3	9.67	1599530	20.0
Tridecane	10.58	5.4	ng	416087	4	11.14	1549190	20.0
n-Hexadecanoic acid	11.69	2.5	ng	196348	4	11.14	1549190	20.0
Octadecanoic acid...	13.27	2.4	ng	145482	5	13.77	1220290	20.0
1-Octadecene	13.65	5.1	ng	309022	5	13.77	1220290	20.0