LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083381.D
Acq On : 1 Dec 2015 19:26
Operator : UM/IZ
Sample : G4593-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-15

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-BF113015.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	4.659	257	260	276	rBV	827319	1462873	29.38%	3.407%
2	5.139	299	302	319	rBV	3754150	4435517	89.08%	10.329%
3	6.213	394	396	399	rBV	3782854	4432923	89.03%	10.323%
4	6.316	403	405	408	rBV	3364884	4209749	84.55%	9.804%
5	6.544	423	425	428	rBV	930326	931756	18.71%	2.170%
6	6.705	437	439	441	rBV	3332952	2974019	59.73%	6.926%
7	7.116	473	475	478	rBV	2270976	2742127	55.07%	6.386%
8	7.276	486	489	495	rBV	102545	176816	3.55%	0.412%
9	7.836	536	538	541	rBV	1345741	1196742	24.04%	2.787%
10	8.922	630	633	635	rBV	3837314	4979031	100.00%	11.595%
11	9.322	666	668	670	rBV	963448	889755	17.87%	2.072%
12	9.539	685	687	689	rBV	104147	96767	1.94%	0.225%
13	9.585	689	691	693	rBV	1379553	1365812	27.43%	3.181%
14	10.042	729	731	733	rVB	185021	164210	3.30%	0.382%
15	10.259	747	750	753	rBV	70842	121213	2.43%	0.282%
16	10.373	758	760	763	rVV	3022260	3041277	61.08%	7.082%
17	10.522	771	773	777	rBV	168489	253114	5.08%	0.589%
18	11.014	814	816	818	rBV	112252	114993	2.31%	0.268%
19	11.128	823	826	828	rBV	950632	1400750	28.13%	3.262%
20	11.219	830	834	839	rVB3	32473	93274	1.87%	0.217%
21	11.825	885	887	892	rBV2	207521	344379	6.92%	0.802%
22	12.465	941	943	946	rBV	70759	89131	1.79%	0.208%
23	12.899	979	981	983	rBV	71991	117129	2.35%	0.273%
24	12.968	983	987	989	rVB2	51963	127755	2.57%	0.298%
25	13.219	1006	1009	1012	rBV	3618663	4743827	95.28%	11.047%
26	14.671	1133	1136	1140	rBV2	52563	141912	2.85%	0.330%
27	14.751	1140	1143	1146	rVV	891777	1320149	26.51%	3.074%
28	16.808	1321	1323	1331	rBV	562978	974015	19.56%	2.268%

Sum of corrected areas: 42941015

LSC Report - Integrated Chromatogram

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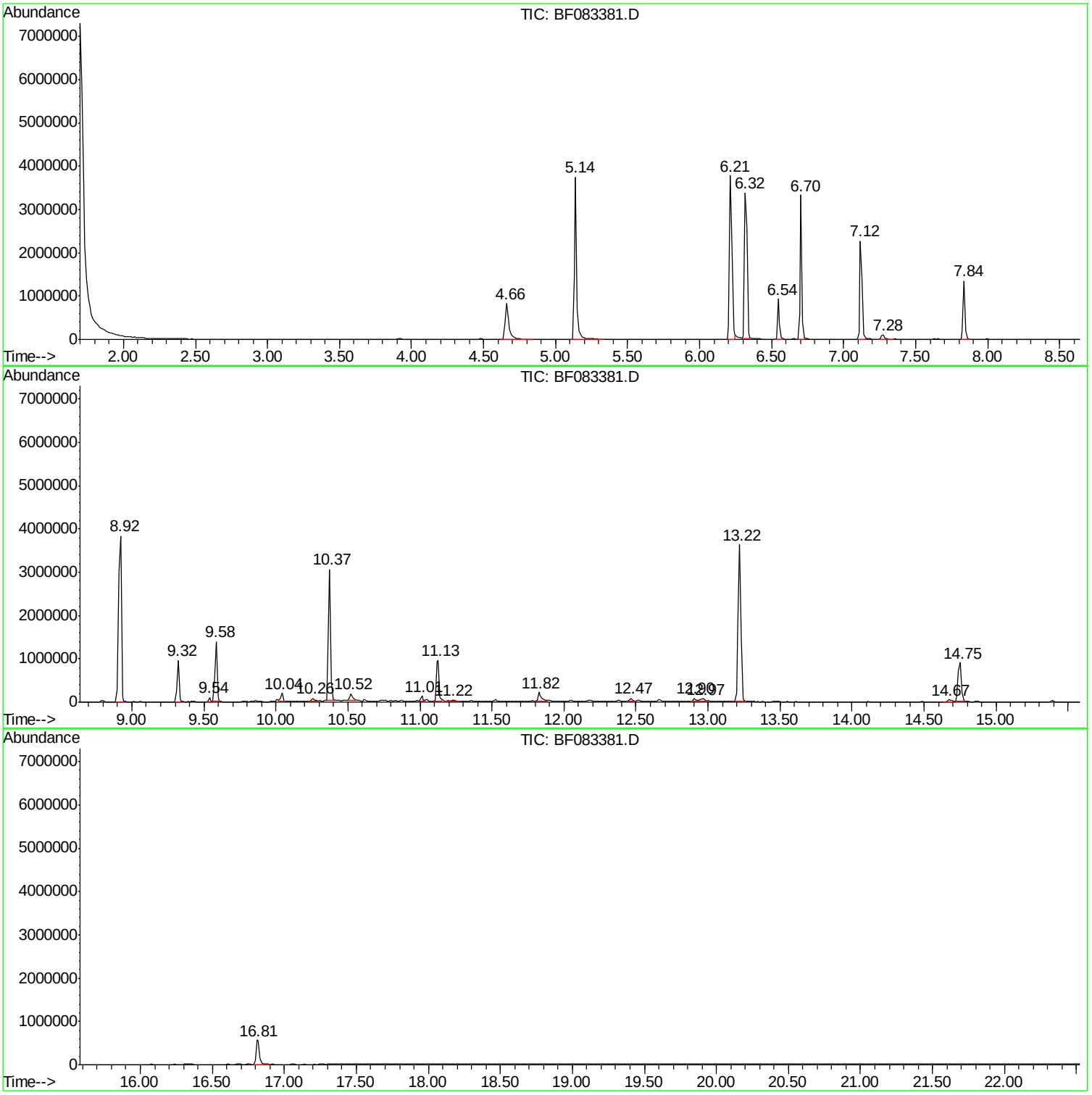
Operator : UM/IZ
Sample : G4593-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF120115\
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Sample : G4593-01
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

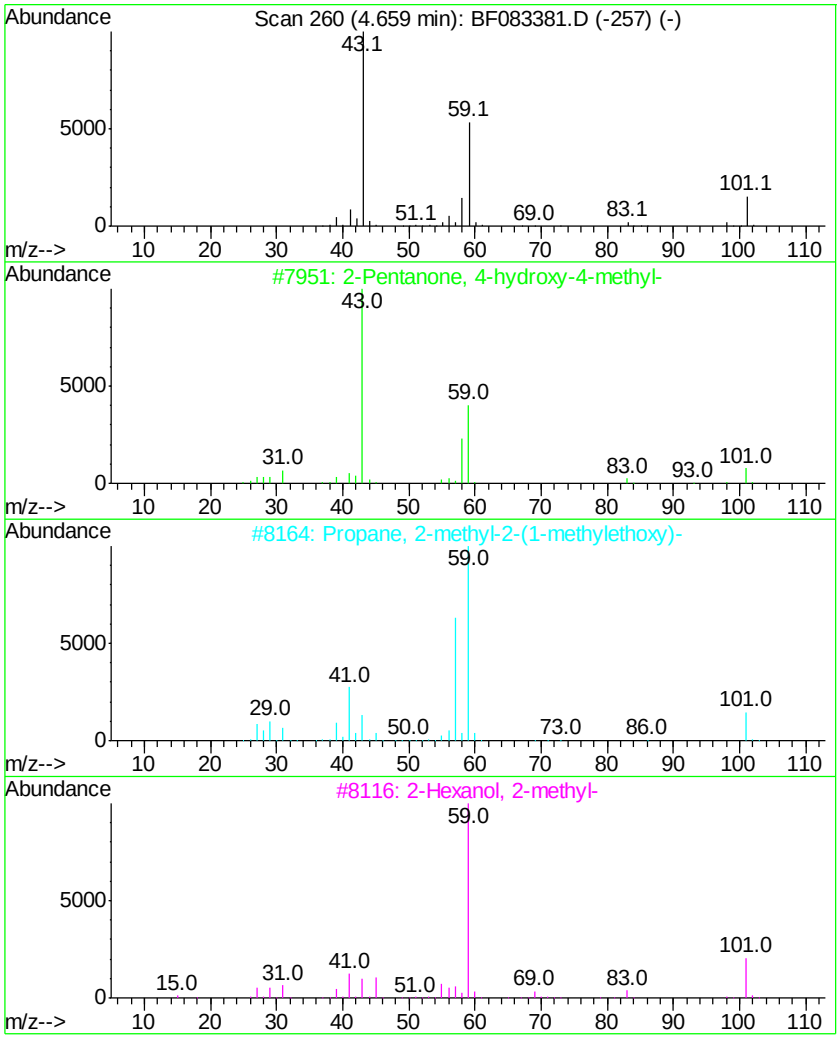
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

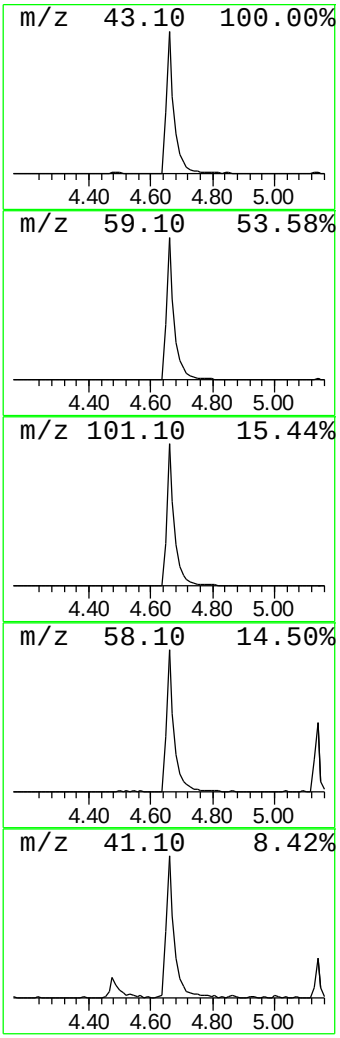
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	31.40 ng	1462870	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Operator : UM/IZ
Sample : G4593-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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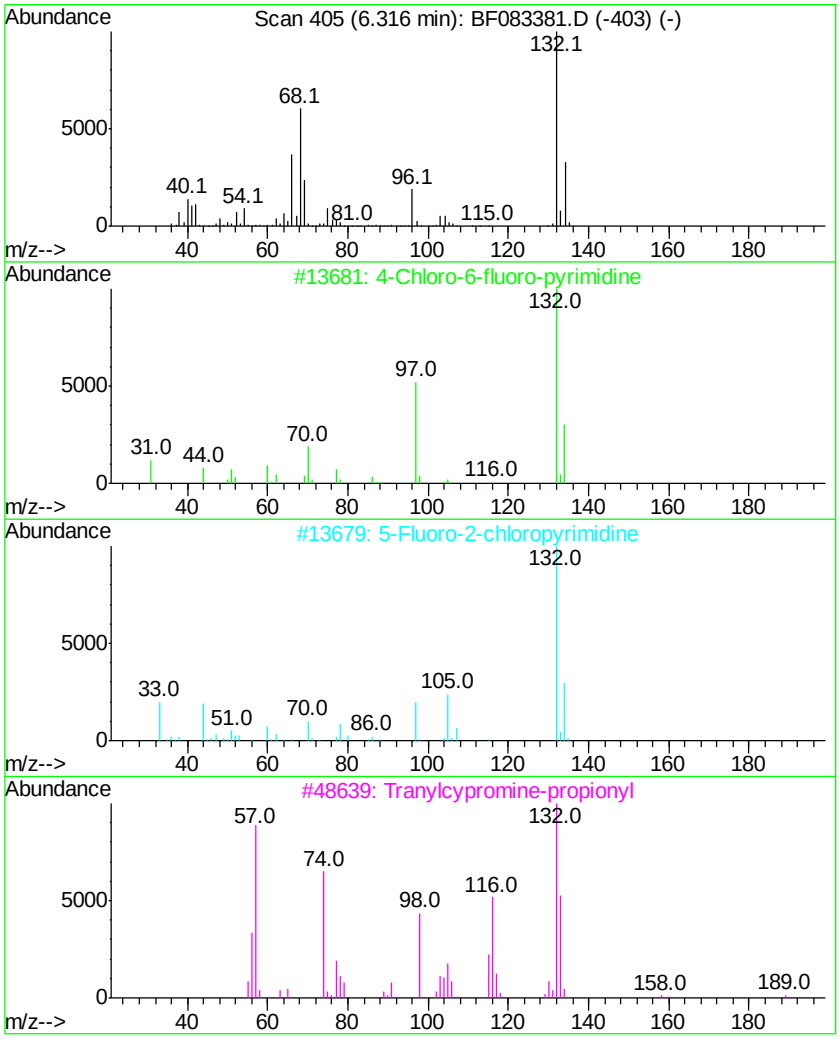
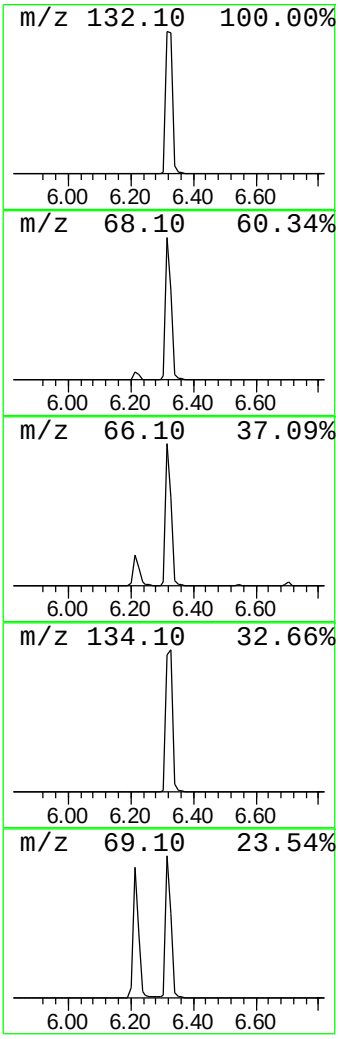
Peak Number 2 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	90.36 ng	4209750	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Operator : UM/IZ
Sample : G4593-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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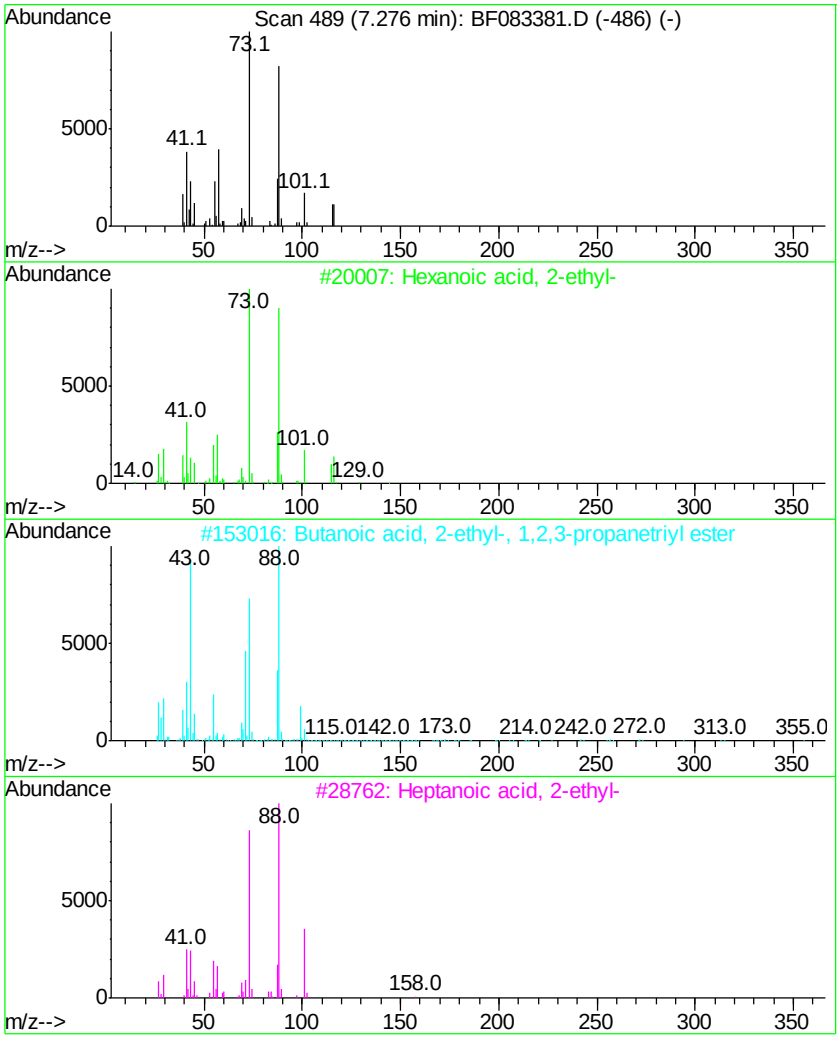
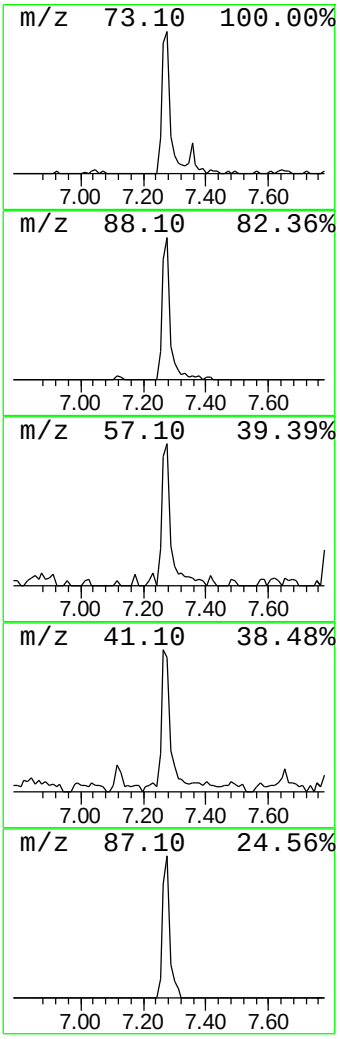
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.95 ng	176816	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	37





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Operator : UM/IZ
Sample : G4593-01
Misc :
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Instrument : BNA_F
ClientSampleId : S32-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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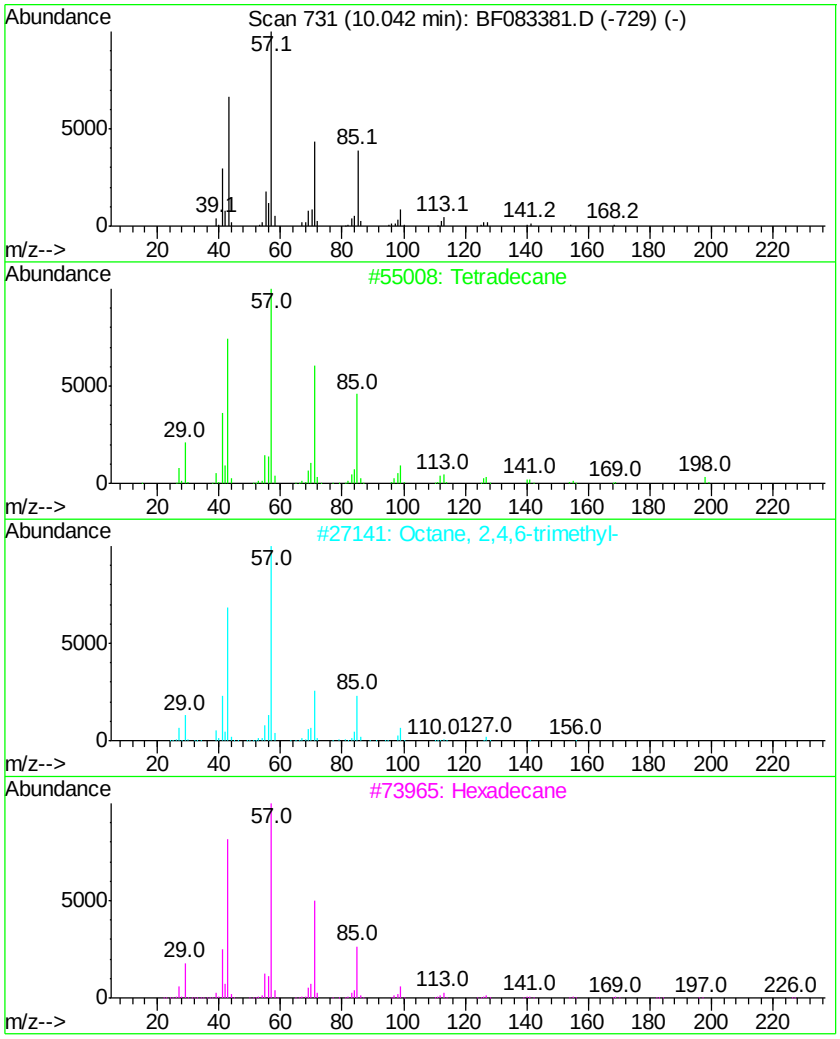
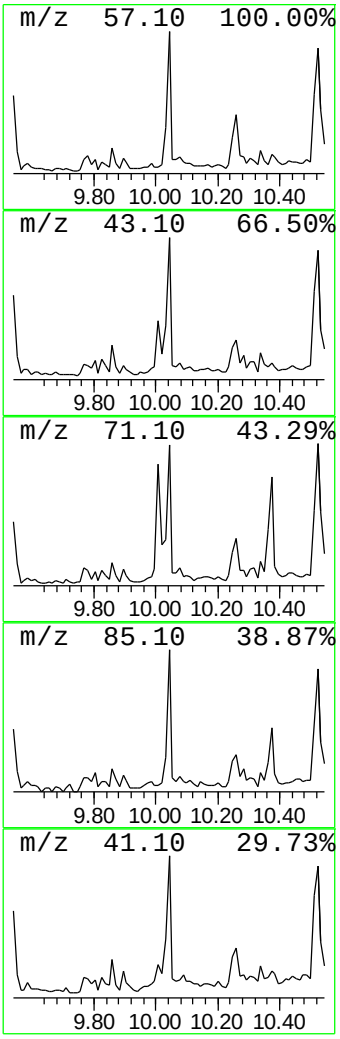
Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.40 ng	164210	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Eicosane	282	C20H42	000112-95-8	64
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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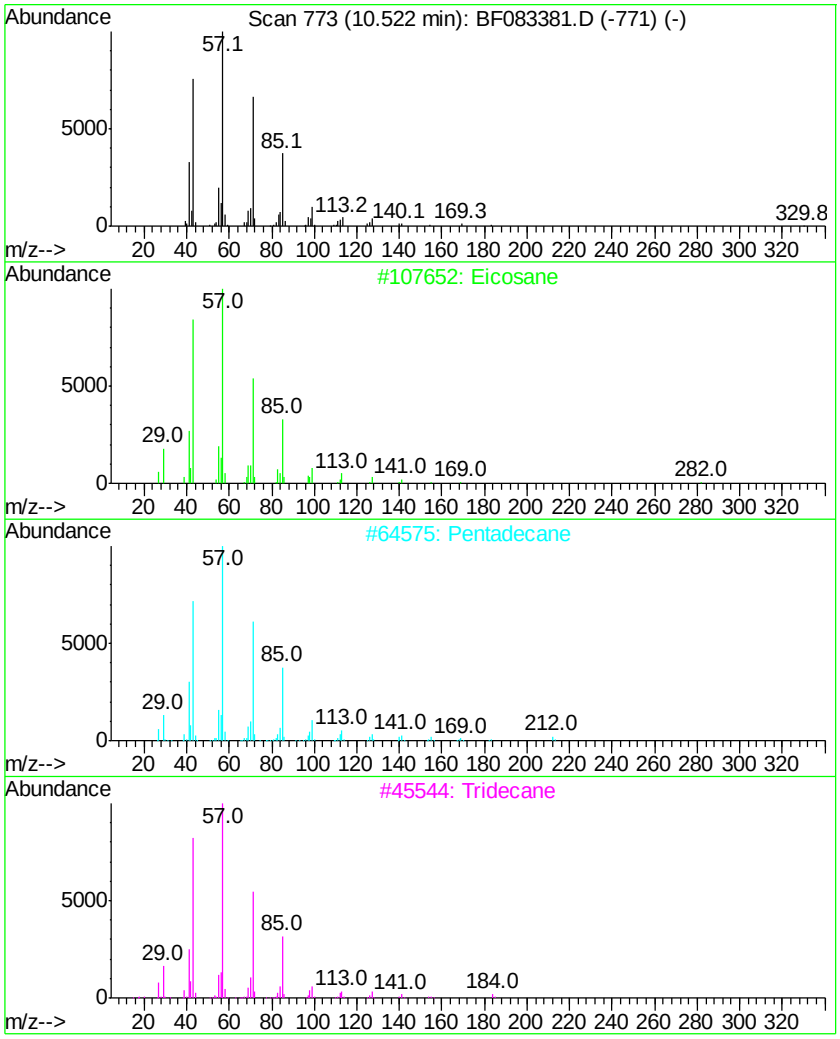
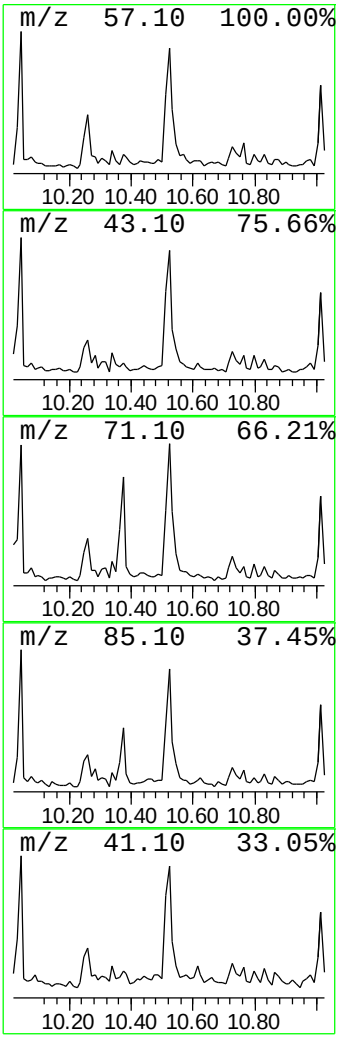
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.61 ng	253114	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	86





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Instrument : BNA_F
ClientSampleId : S32-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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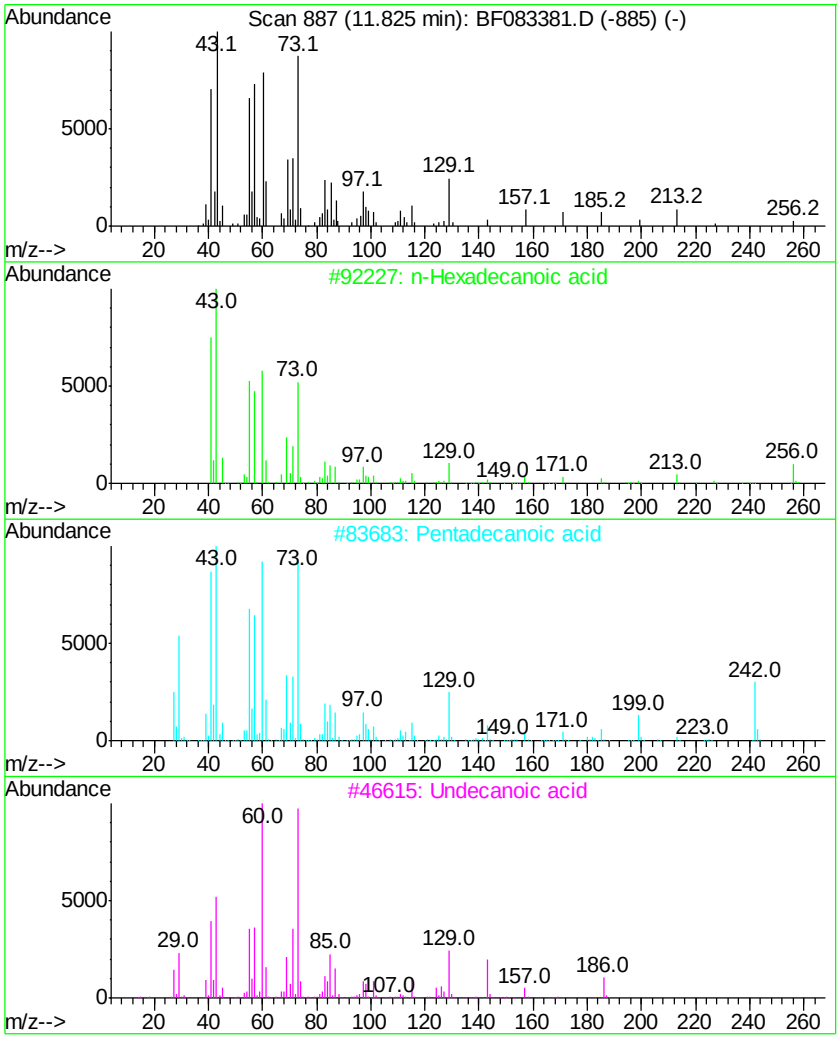
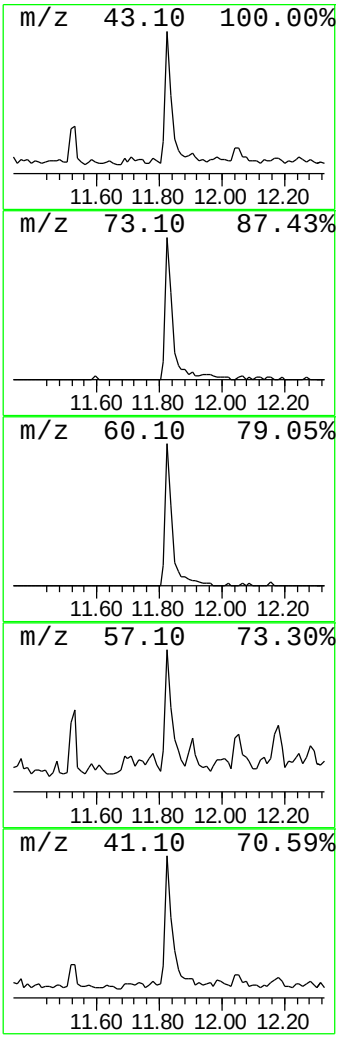
Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.92 ng	344379	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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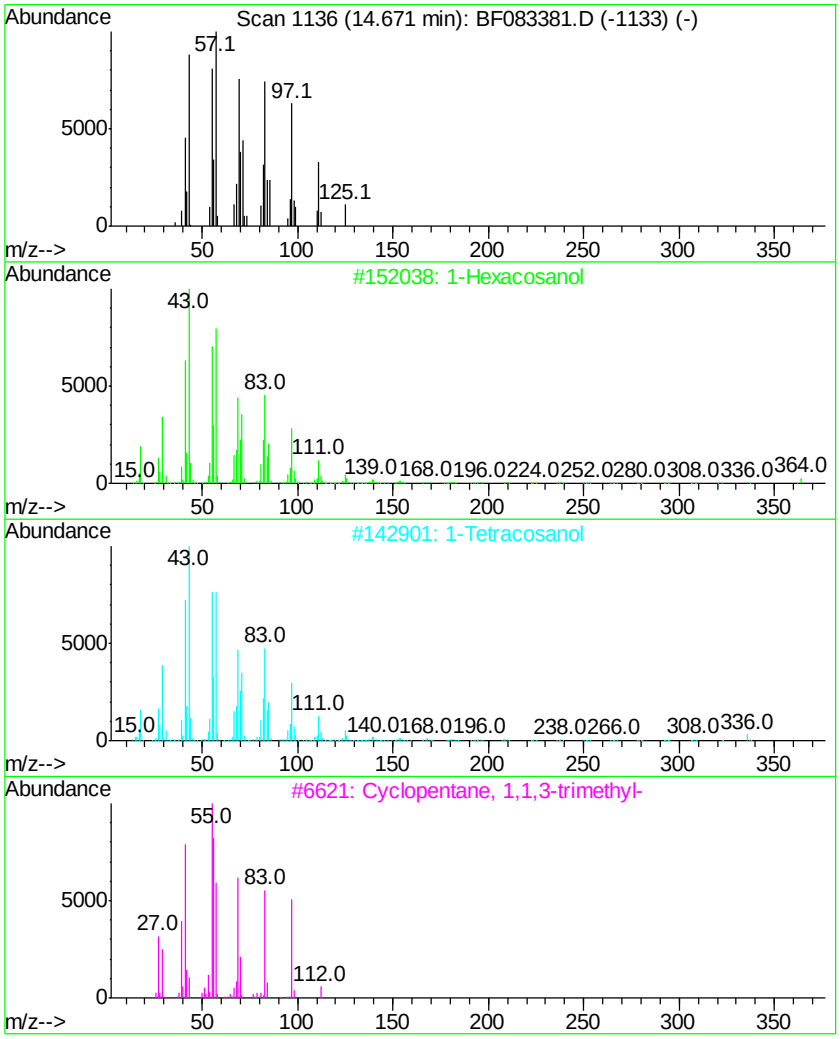
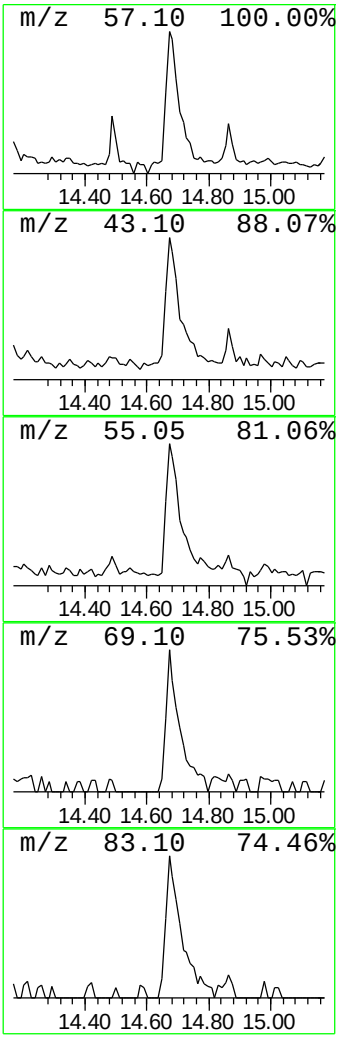
Peak Number 8 1-Hexacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.15 ng	141912	Chrysene-d12	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	78
2	1-Tetracosanol	354	C24H50O	000506-51-4	72
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	58
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	47
5	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	38





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...	4.66	31.4	ng	1462870	1	6.54	931756	20.0
unknown6.32	6.32	90.4	ng	4209750	1	6.54	931756	20.0
Hexanoic acid, 2-...	7.28	3.0	ng	176816	2	7.84	1196740	20.0
Tetradecane	10.04	2.4	ng	164210	3	9.58	1365810	20.0
Eicosane	10.52	3.6	ng	253114	4	11.13	1400750	20.0
n-Hexadecanoic acid	11.83	4.9	ng	344379	4	11.13	1400750	20.0
1-Hexacosanol	14.67	2.1	ng	141912	5	14.75	1320150	20.0