LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089981.D
Acq On : 2 Sep 2016 18:08
Operator : UM/SJ
Sample : H4675-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-3

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-BF083116.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	1.632	3	4	12	rVV	133954	275310	4.68%	0.521%
2	1.747	12	14	35	rVB	802476	1758385	29.89%	3.327%
3	4.776	276	279	289	rBV	866460	1426824	24.25%	2.700%
4	5.221	315	318	320	rBV	4452138	4965852	84.41%	9.396%
5	6.284	407	411	413	rBV	4461726	5467164	92.93%	10.345%
6	6.399	418	421	424	rVV	3683969	5378307	91.42%	10.177%
7	6.639	439	442	444	rBV	1242627	1268147	21.56%	2.400%
8	6.799	453	456	458	rBV	3055415	4195092	71.31%	7.938%
9	7.210	488	492	494	rBV	2523929	3646063	61.98%	6.899%
10	7.336	498	503	510	rBV	180768	317360	5.39%	0.601%
11	7.667	528	532	540	rBV2	50244	83188	1.41%	0.157%
12	7.919	552	554	556	rBV	1702920	1465562	24.91%	2.773%
13	9.005	646	649	651	rBV	5020088	5883037	100.00%	11.132%
14	9.130	658	660	662	rBV	70311	62730	1.07%	0.119%
15	9.393	681	683	686	rBV	1704880	2073835	35.25%	3.924%
16	9.622	701	703	704	rBV	82307	63467	1.08%	0.120%
17	9.668	704	707	709	rBV	1705263	1633860	27.77%	3.092%
18	10.090	738	744	745	rBV	44976	59140	1.01%	0.112%
19	10.113	745	746	748	rVB	116895	125858	2.14%	0.238%
20	10.330	762	765	769	rBV	47519	97024	1.65%	0.184%
21	10.445	772	775	778	rBV2	2530160	3144281	53.45%	5.950%
22	10.593	786	788	792	rBV	107719	206881	3.52%	0.391%
23	11.028	824	826	828	rBV	58694	75263	1.28%	0.142%
24	11.131	833	835	838	rVB2	1309973	1446646	24.59%	2.737%
25	11.382	855	857	862	rBV	549720	630361	10.71%	1.193%
26	12.205	926	929	932	rBV	217668	282454	4.80%	0.534%
27	12.719	971	974	977	rBV	4210636	4175940	70.98%	7.902%
28	13.634	1051	1054	1062	rBV	105082	162022	2.75%	0.307%
29	13.748	1062	1064	1067	rBV	1382681	1258105	21.39%	2.381%
30	14.605	1137	1139	1141	rBV	80710	92990	1.58%	0.176%
31	15.097	1179	1182	1185	rBV	1064542	1127603	19.17%	2.134%

Sum of corrected areas: 52848751

LSC Report - Integrated Chromatogram

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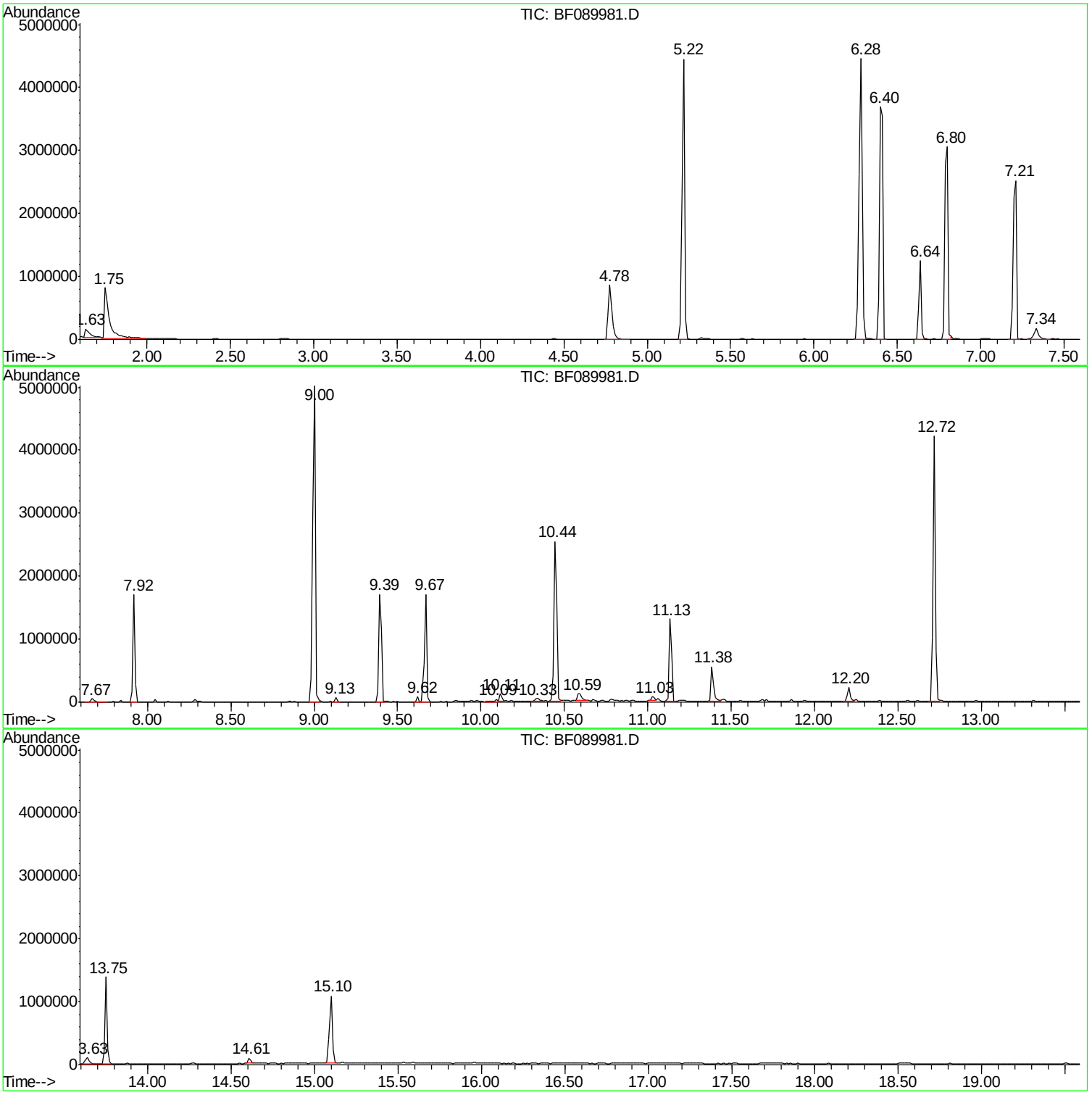
Operator : UM/SJ
Sample : H4675-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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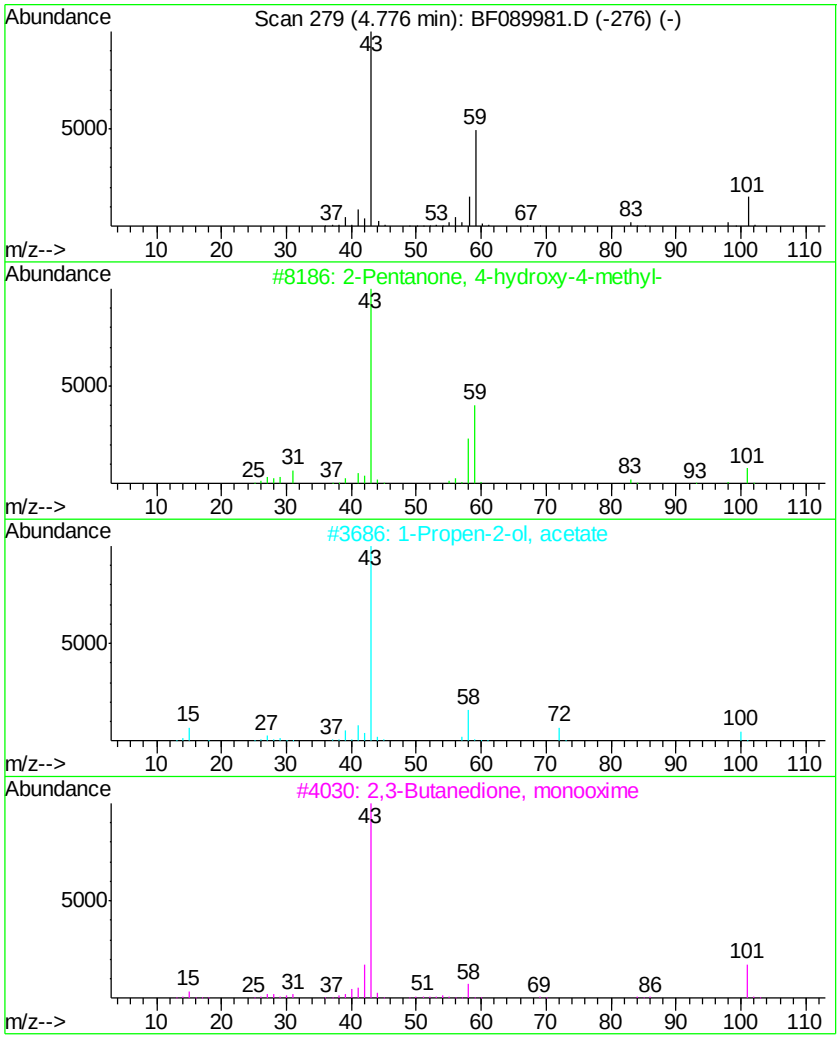
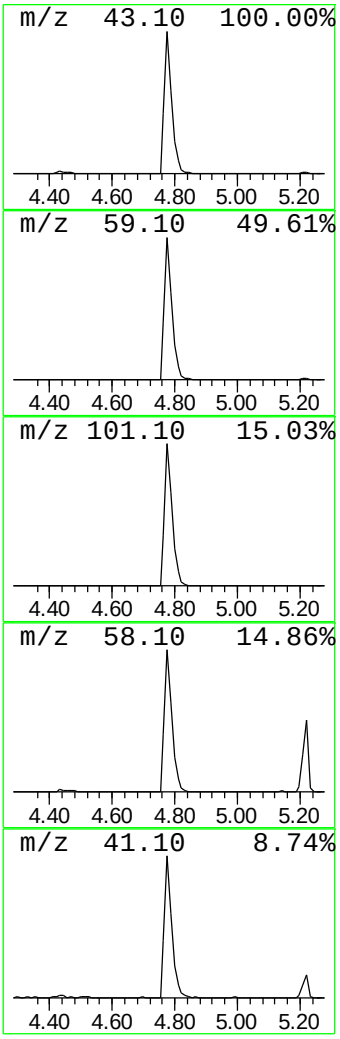
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	22.50 ng	1426820	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7





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Operator : UM/SJ
Sample : H4675-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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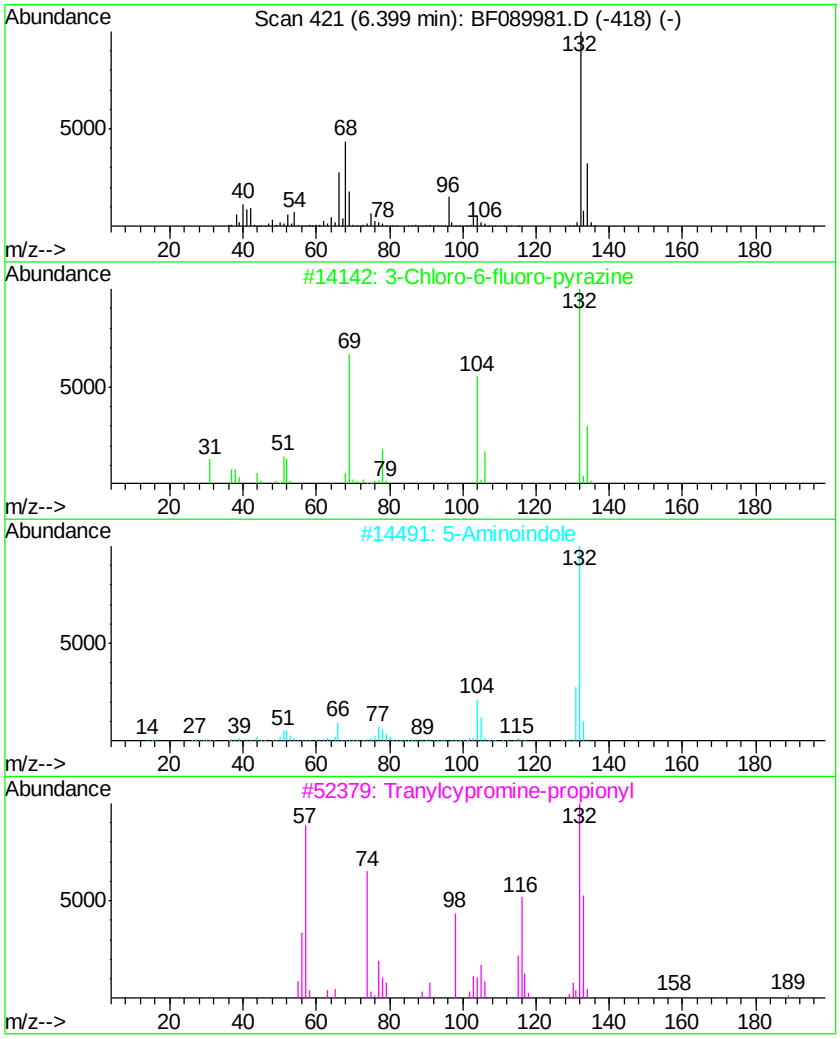
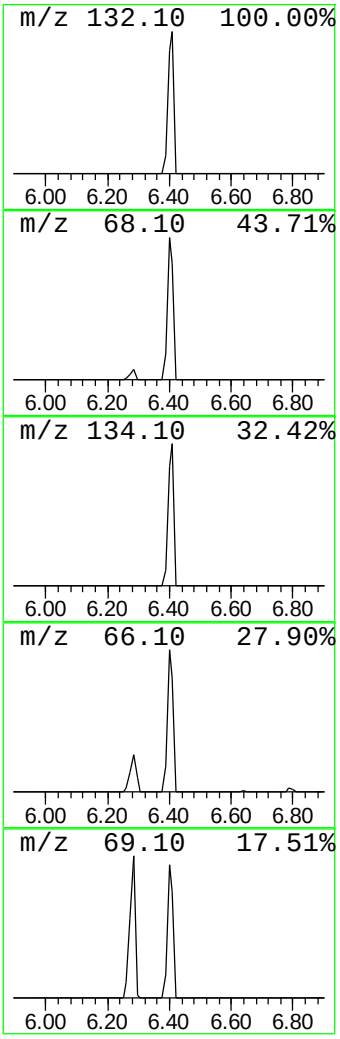
Peak Number 4 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	84.82 ng	5378310	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Aminoindan	133	C9H11N	034698-41-4	9





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Operator : UM/SJ
Sample : H4675-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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TIC Library : C:\Database\NIST11.L
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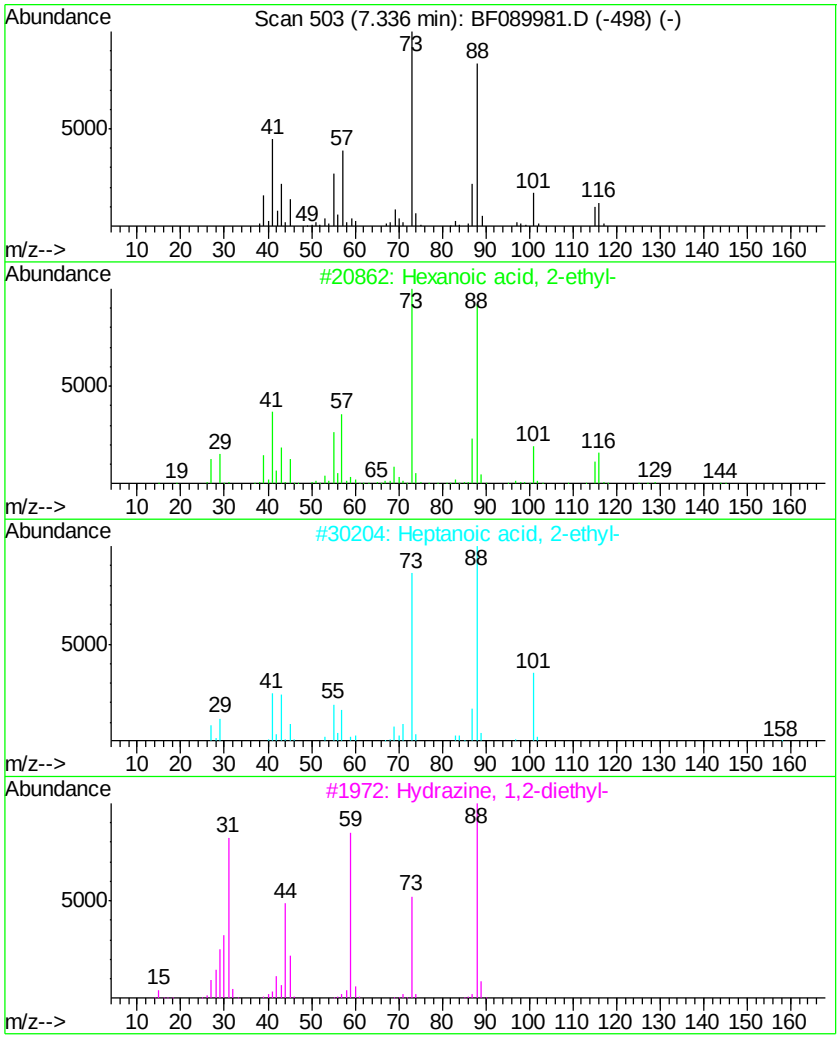
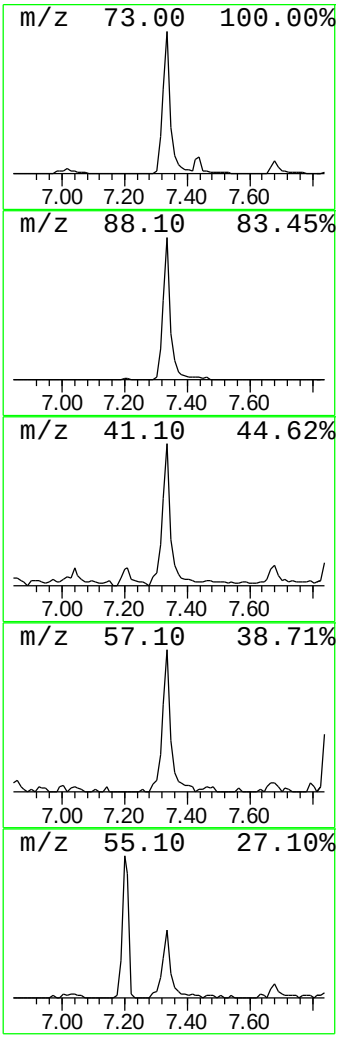
Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	4.33 ng	317360	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	50
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	40





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Data File : BF089981.D
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Operator : UM/SJ
Sample : H4675-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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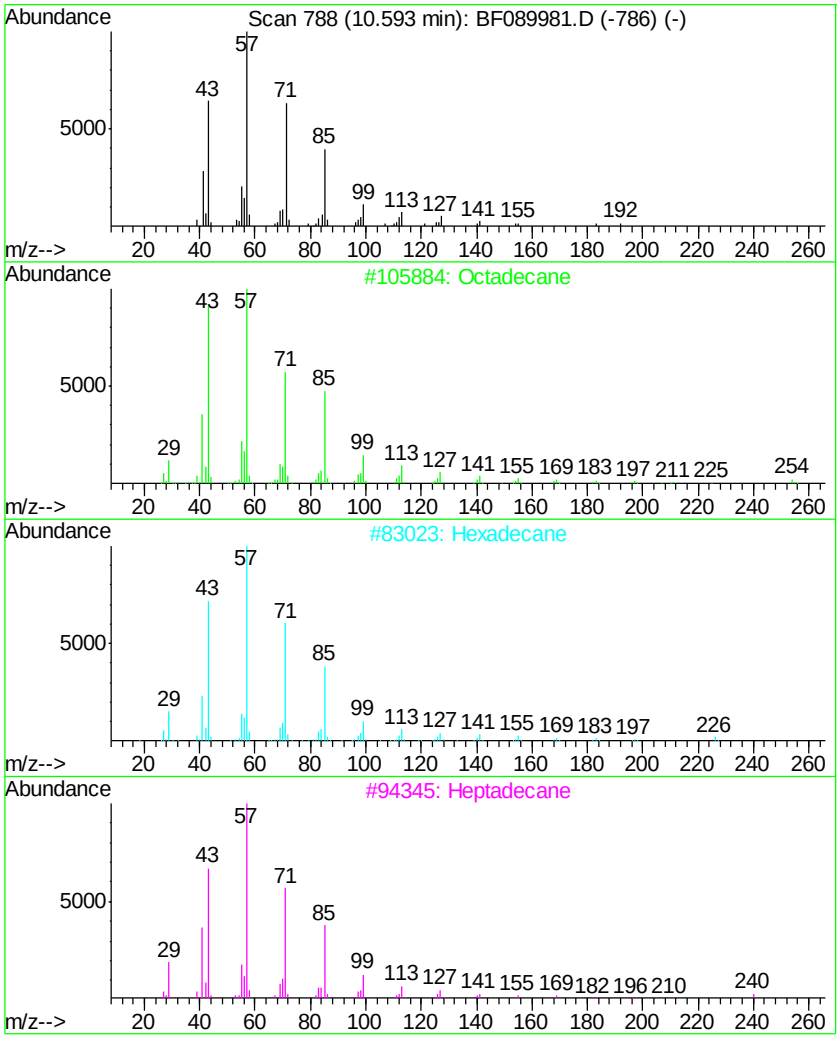
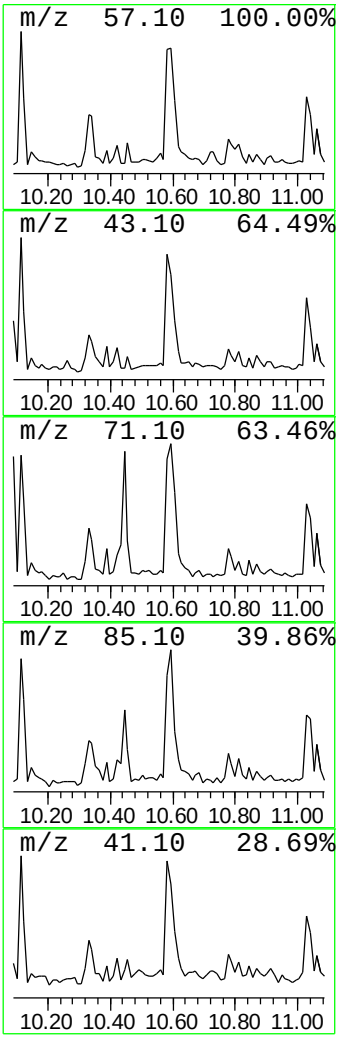
Peak Number 7 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.86 ng	206881	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Instrument : BNA_F
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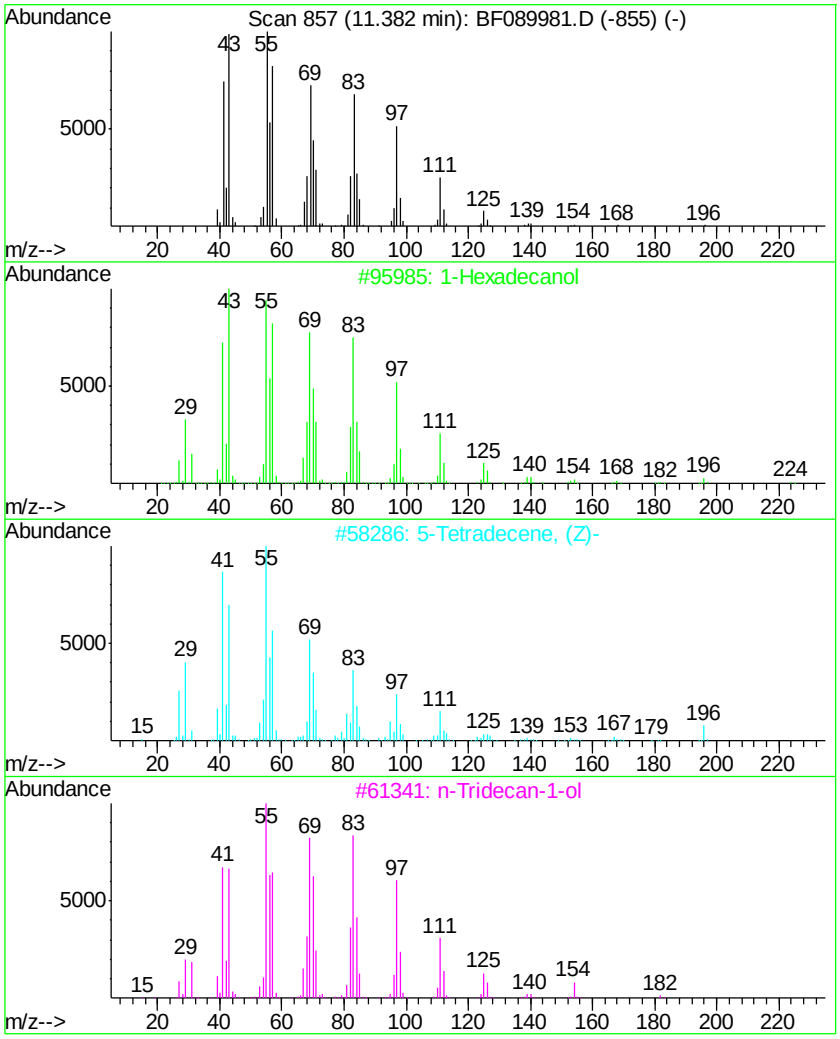
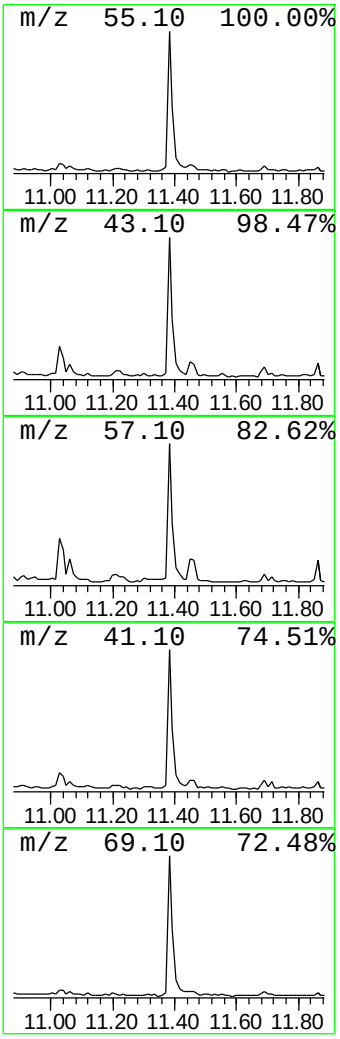
Peak Number 8 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	8.71 ng	630361	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	5-Tetradecene, (Z)-	196	C14H28	041446-62-2	94
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
4	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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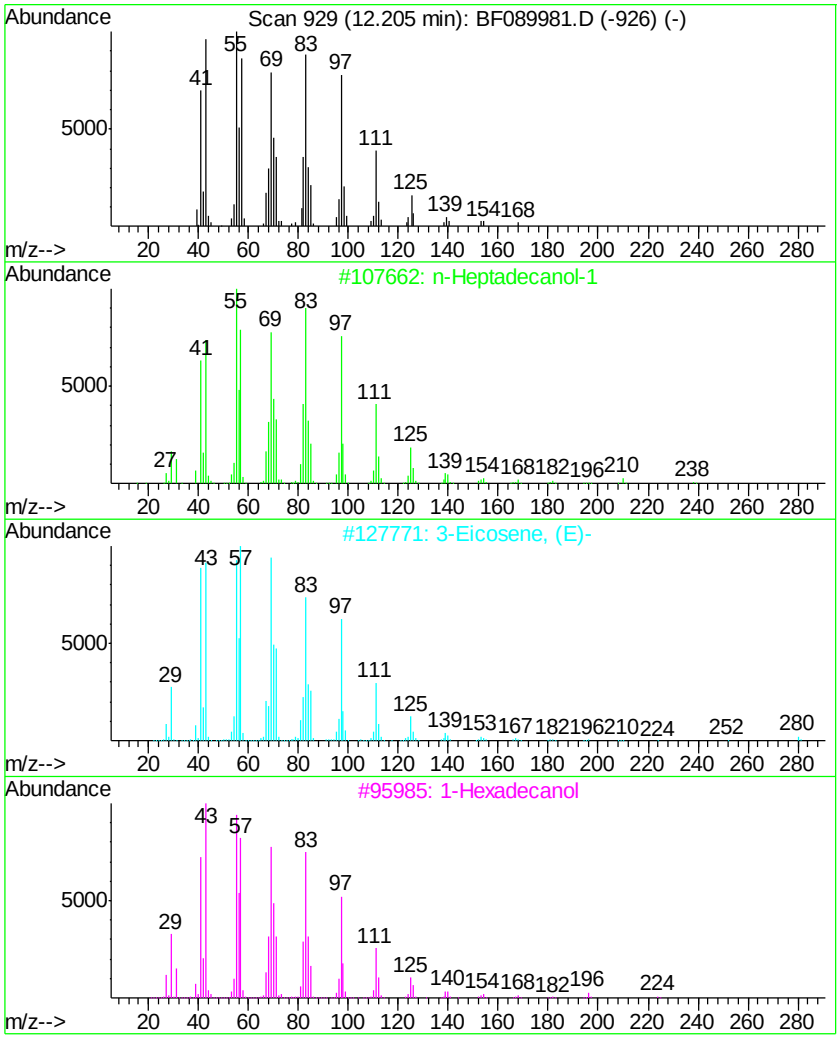
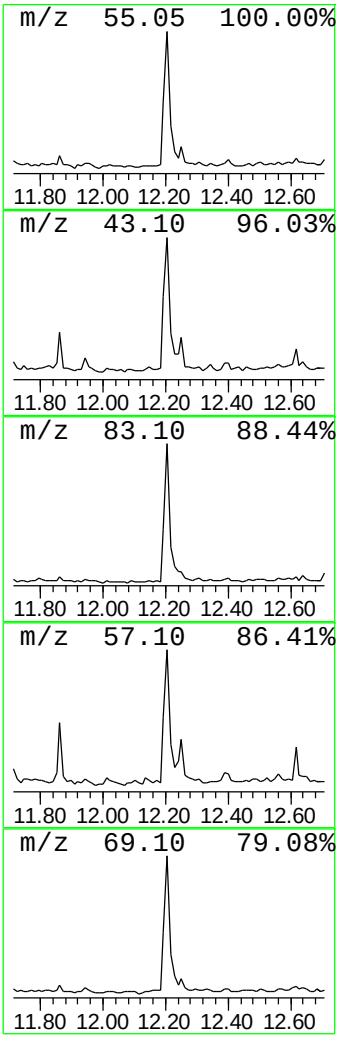
Peak Number 9 n-Heptadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	3.90 ng	282454	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	1-Tetradecanol	214	C14H30O	000112-72-1	91





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TIC Library : C:\Database\NIST11.L
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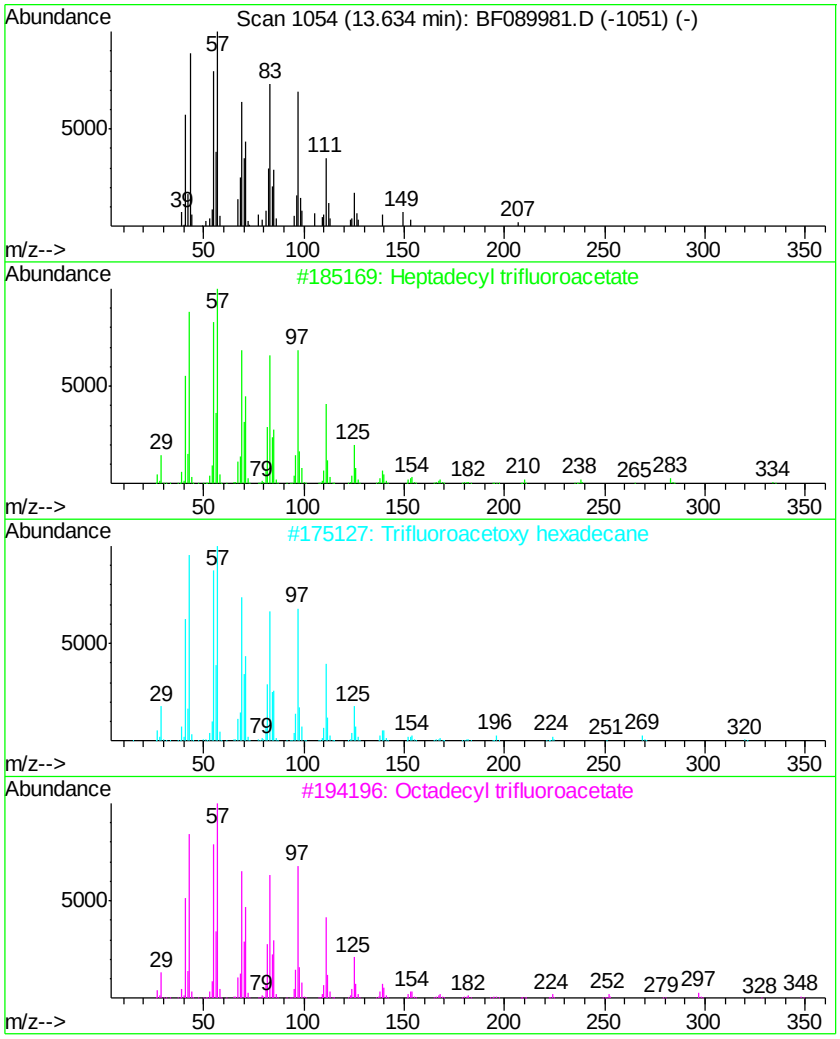
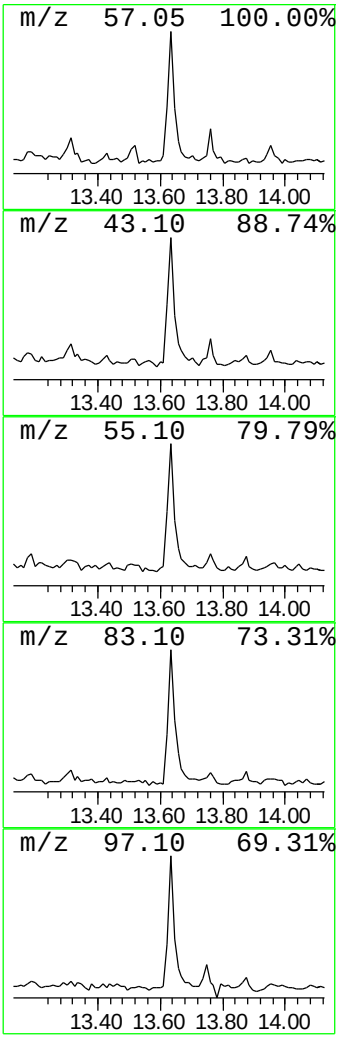
Peak Number 10 Heptadecyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.58 ng	162022	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.78	22.5	ng	1426820	1	6.64	1268150	20.0
unknown6.40	6.40	84.8	ng	5378310	1	6.64	1268150	20.0
Hexanoic acid, 2-...	7.34	4.3	ng	317360	2	7.92	1465560	20.0
Octadecane	10.59	2.9	ng	206881	4	11.13	1446650	20.0
1-Hexadecanol	11.38	8.7	ng	630361	4	11.13	1446650	20.0
n-Heptadecanol-1	12.21	3.9	ng	282454	4	11.13	1446650	20.0
Heptadecyl triflu...	13.63	2.6	ng	162022	5	13.75	1258110	20.0