LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089467.D
Acq On : 31 Jul 2016 13:21
Operator : UM/SJ
Sample : H4284-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-SLOPE(0-4)J

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-BF072716.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	1.655	5	6	53	rVB	1298302	2963891	100.00%	20.125%
2	4.593	260	263	276	rVB	207449	382291	12.90%	2.596%
3	5.062	302	304	323	rBV	960485	1250237	42.18%	8.489%
4	6.159	397	400	402	rBV	1067056	1335879	45.07%	9.071%
5	6.262	407	409	411	rBV	1291174	1385293	46.74%	9.406%
6	6.490	427	429	440	rVB	213907	231992	7.83%	1.575%
7	6.650	440	443	445	rBV	706081	968970	32.69%	6.579%
8	7.062	477	479	489	rBV	627648	810714	27.35%	5.505%
9	7.770	539	541	549	rBV	206472	313827	10.59%	2.131%
10	8.856	633	636	639	rBV	1424240	1376263	46.43%	9.345%
11	9.256	669	671	674	rBV	205408	179934	6.07%	1.222%
12	9.519	692	694	697	rBV	412301	378348	12.77%	2.569%
13	10.308	761	763	765	rBV	684475	756033	25.51%	5.133%
14	10.445	773	775	778	rBV	39343	43140	1.46%	0.293%
15	10.994	820	823	833	rVB	338617	372245	12.56%	2.528%
16	11.554	869	872	884	rBV2	74802	114950	3.88%	0.781%
17	12.331	937	940	946	rBV	77293	95719	3.23%	0.650%
18	12.571	959	961	964	rBV	979025	1137175	38.37%	7.721%
19	13.485	1038	1041	1049	rBV2	99610	161348	5.44%	1.096%
20	13.611	1049	1052	1060	rVV	249643	276027	9.31%	1.874%
21	14.937	1166	1168	1171	rBV	168306	193232	6.52%	1.312%

Sum of corrected areas: 14727508

LSC Report - Integrated Chromatogram

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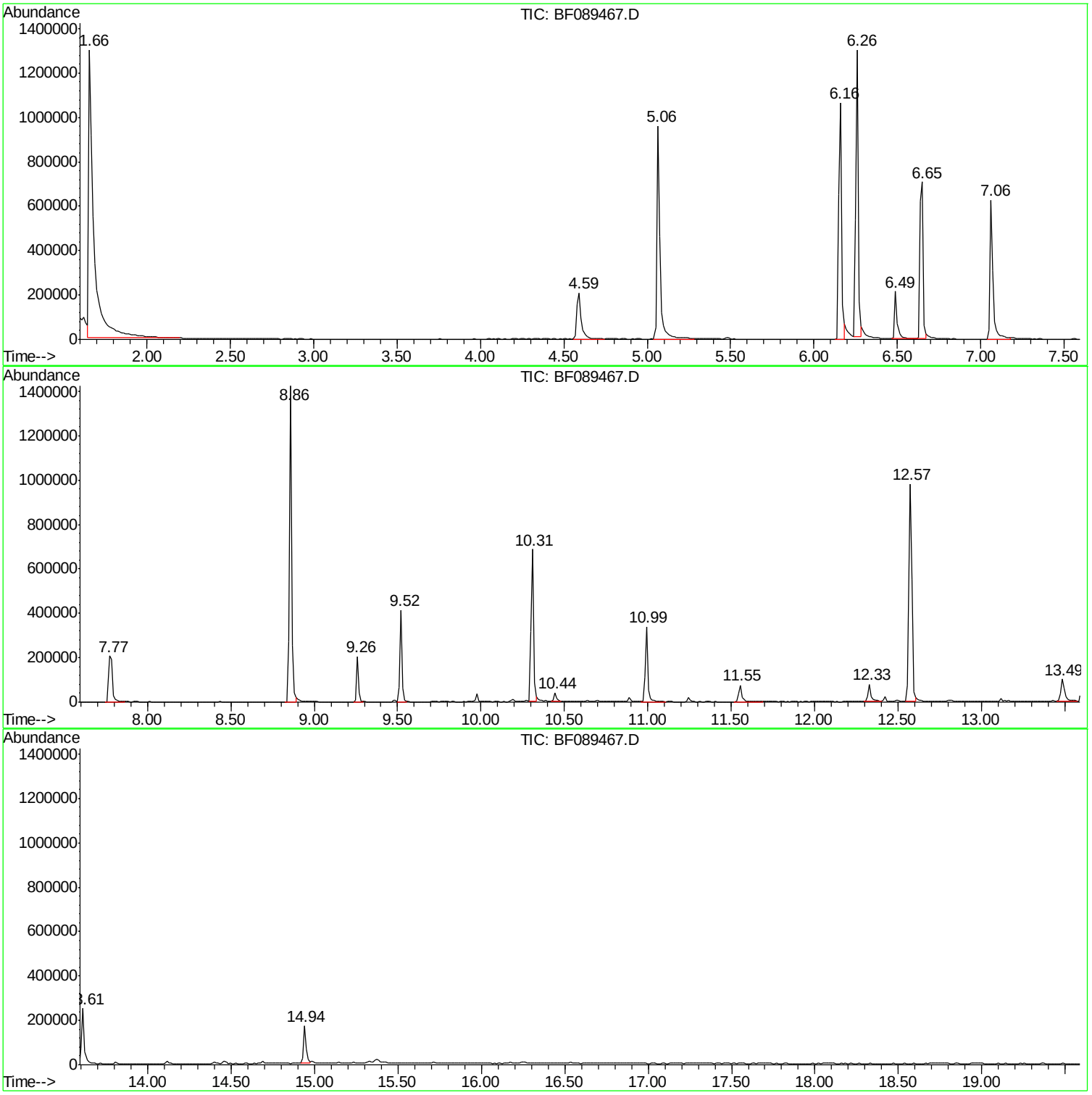
Instrument : BNA_F
ClientSampleId : AB-SLOPE(0-4)J

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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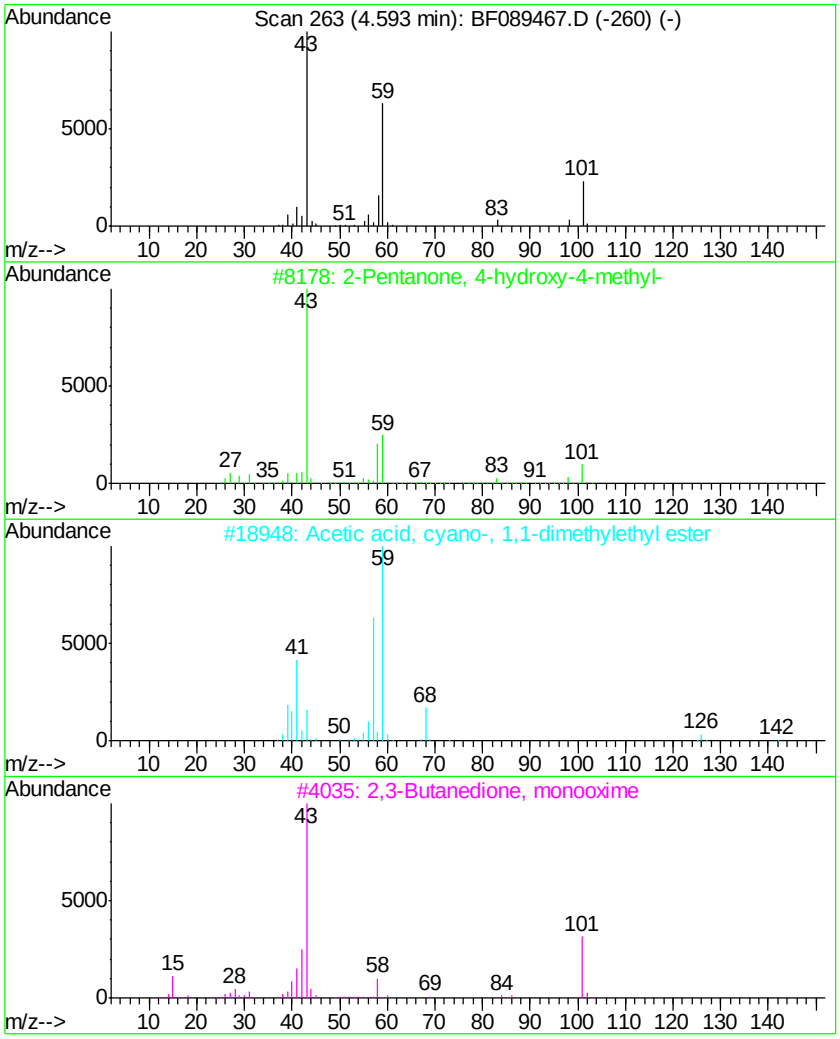
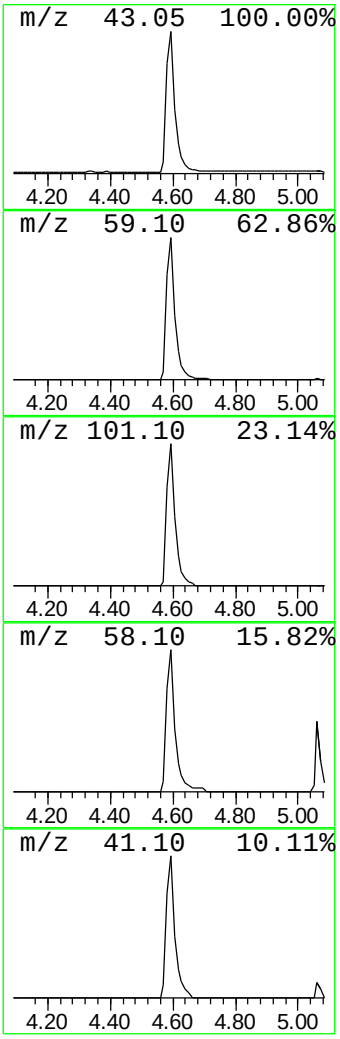
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	32.96 ng	382291	1,4-Dichlorobenzene-d4	6.49

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	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : AB-SLOPE(0-4)J

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
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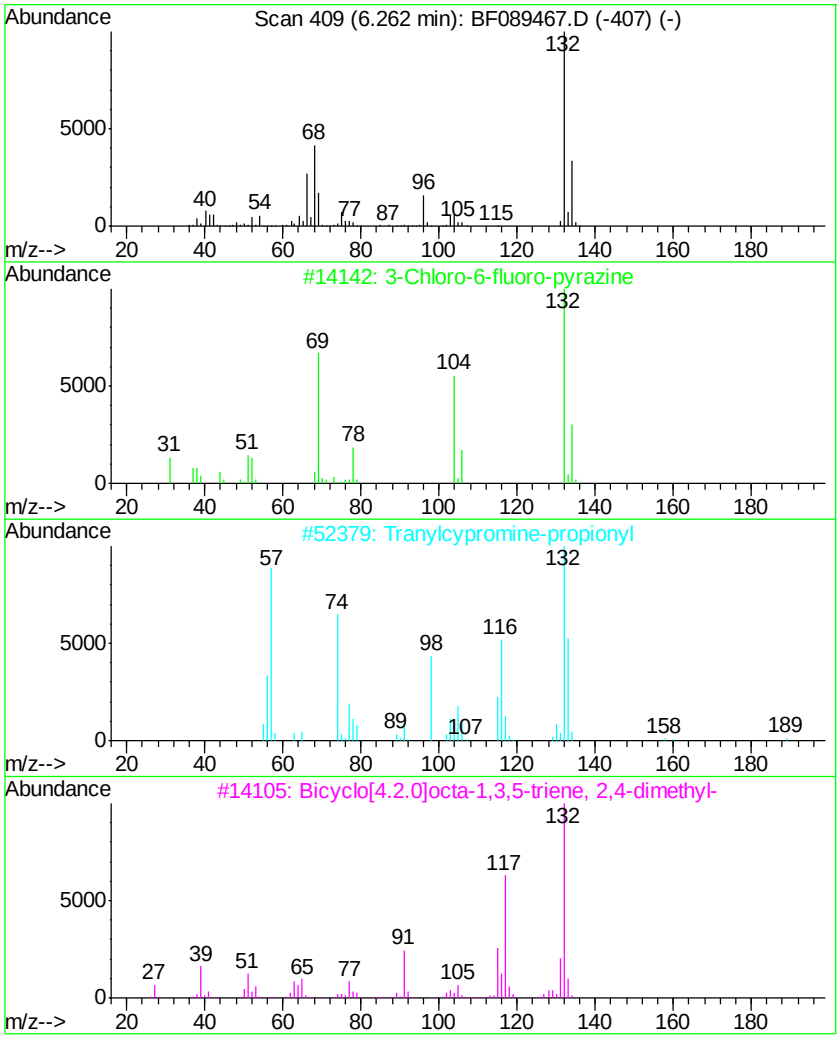
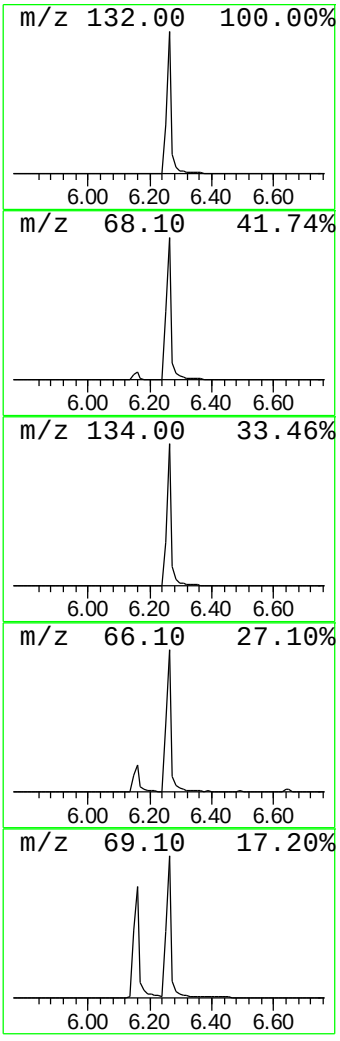
Peak Number 3 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	119.43 ng	1385290	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : AB-SLOPE(0-4)J

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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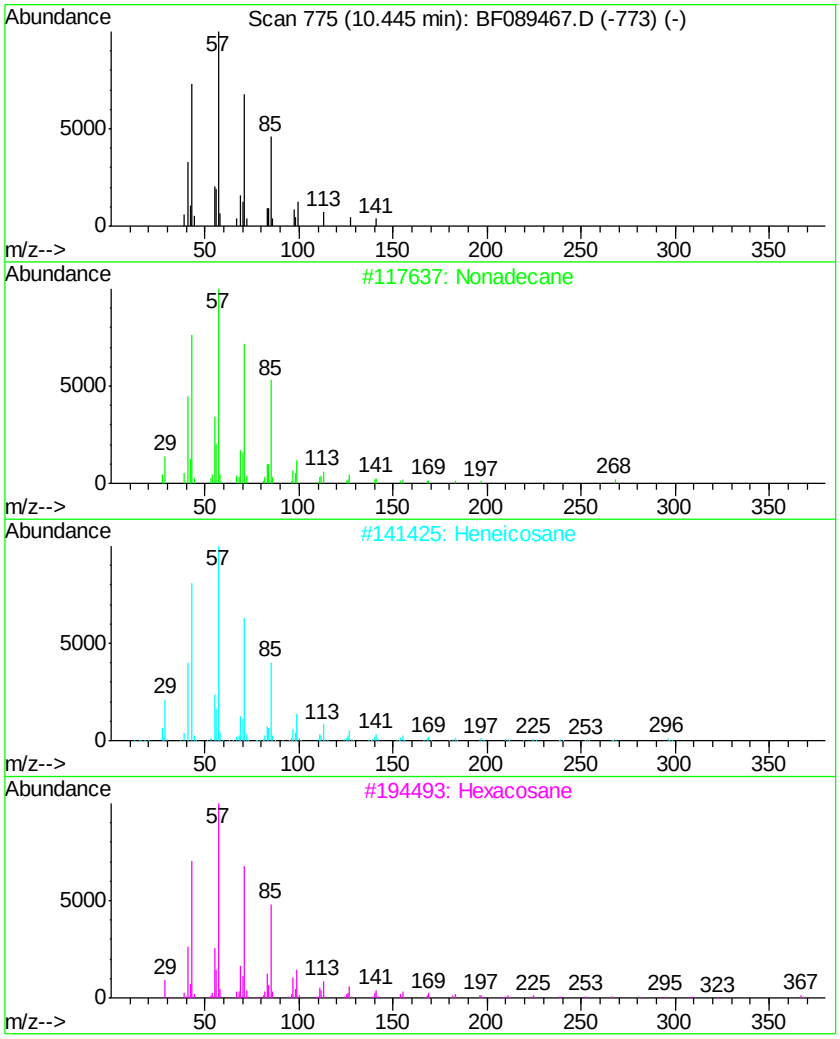
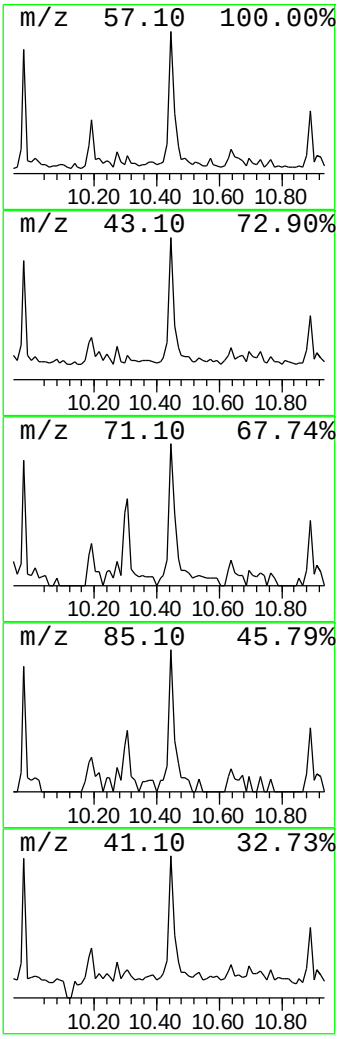
Peak Number 5 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.32 ng	43140	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





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Instrument : BNA_F
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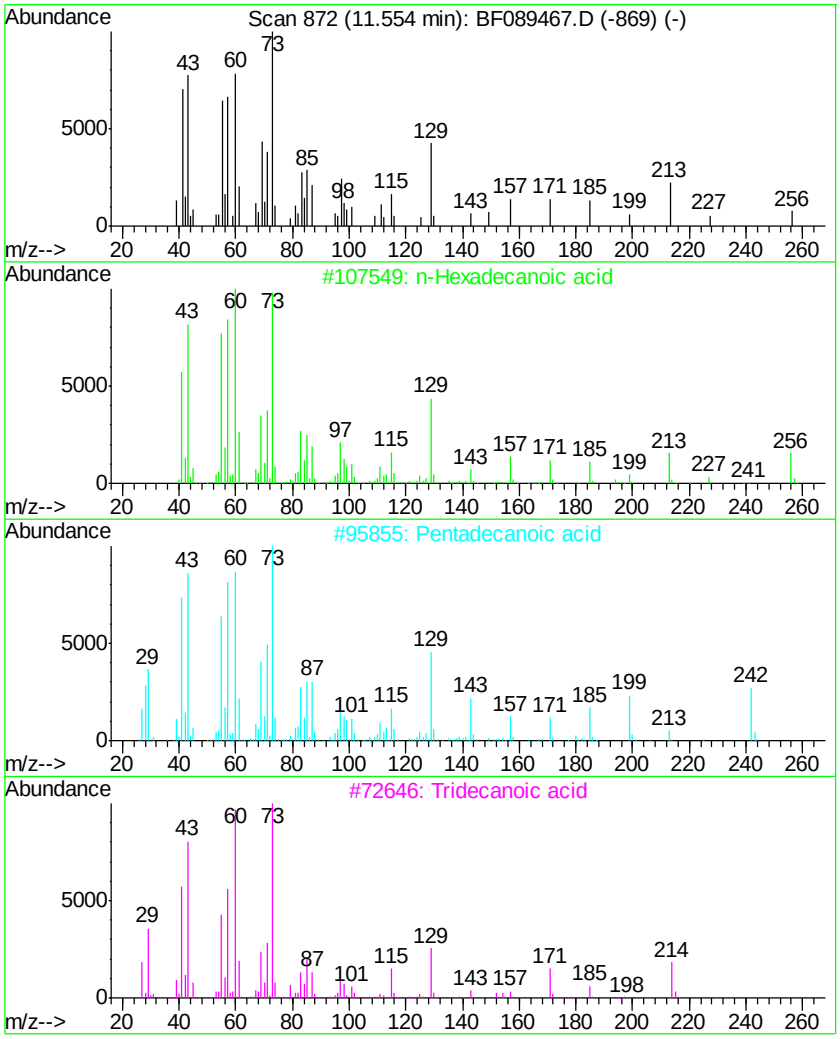
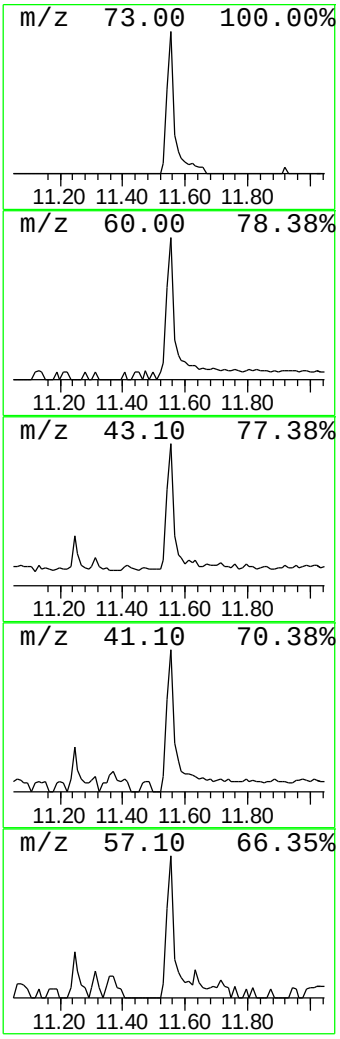
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	6.18 ng	114950	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18





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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : AB-SLOPE(0-4)J

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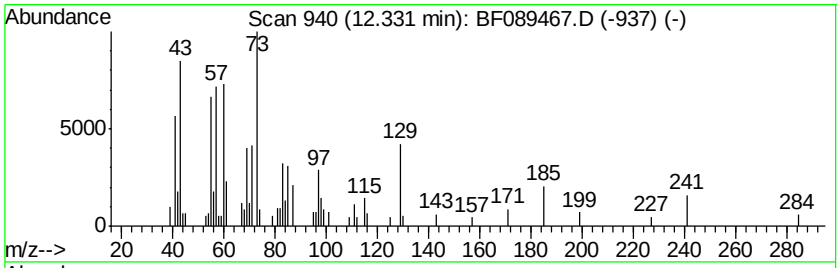
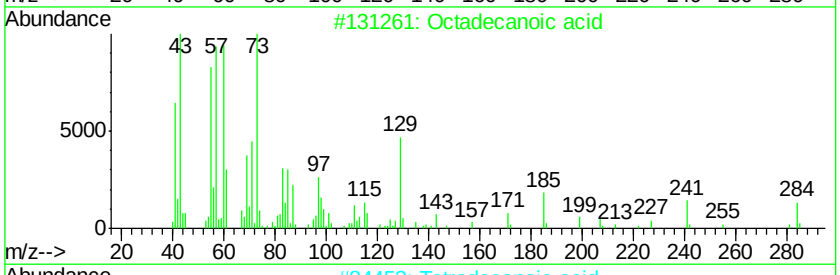
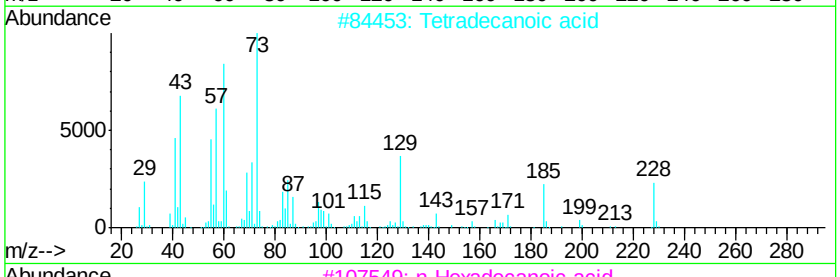
Peak Number 7 Octadecanoic acid Concentration Rank 6

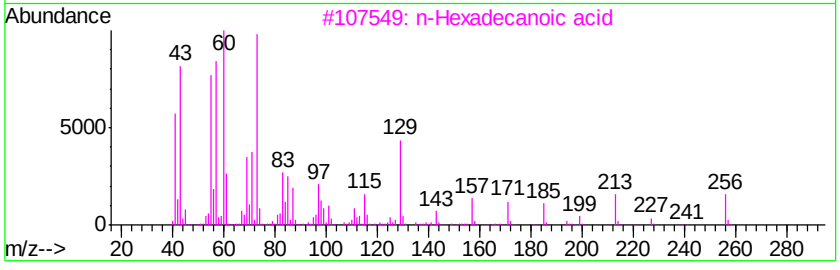
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.94 ng	95719	Chrysene-d12	13.61

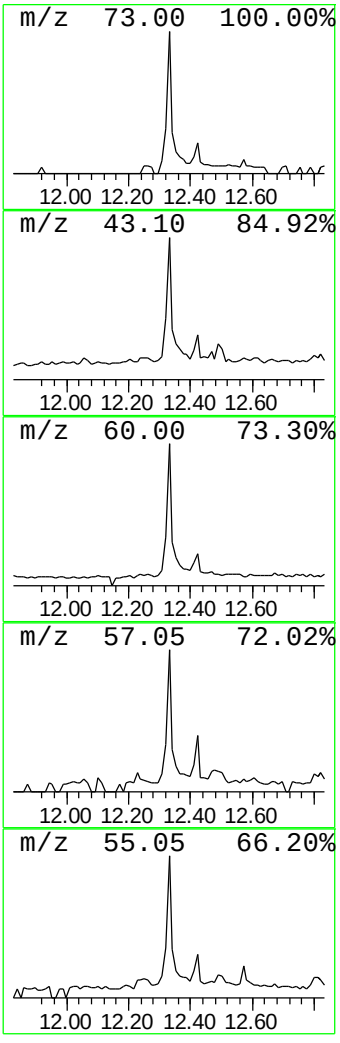
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18











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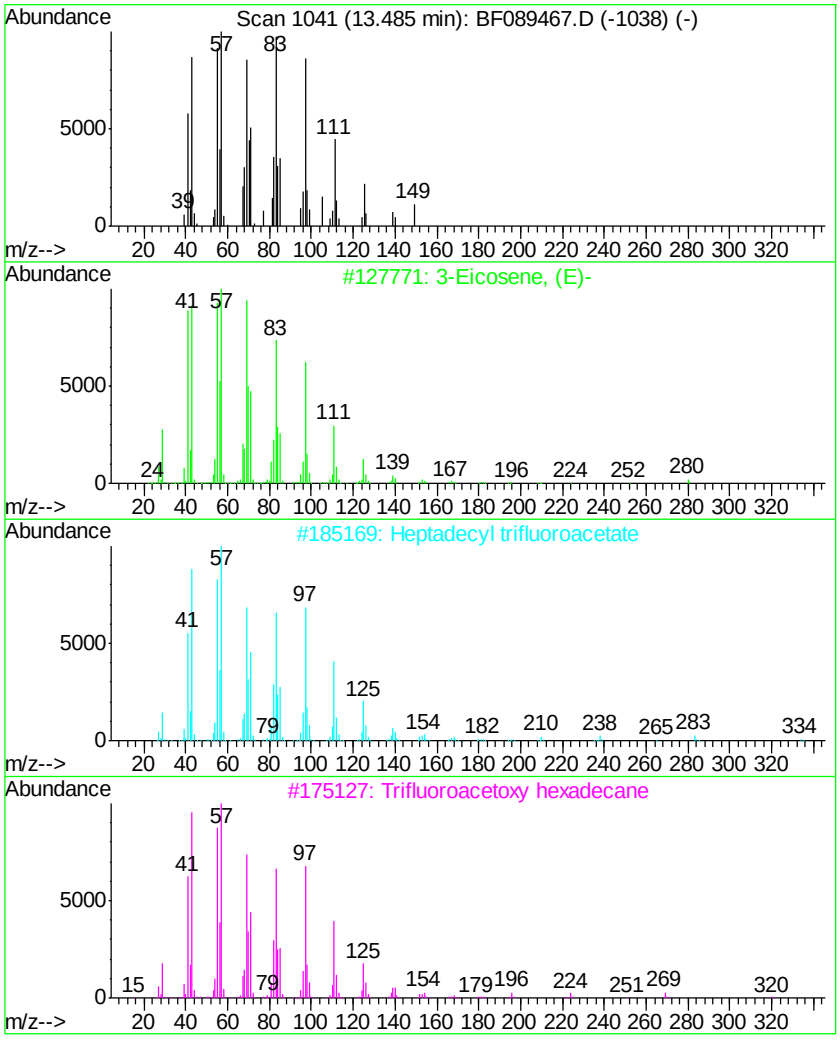
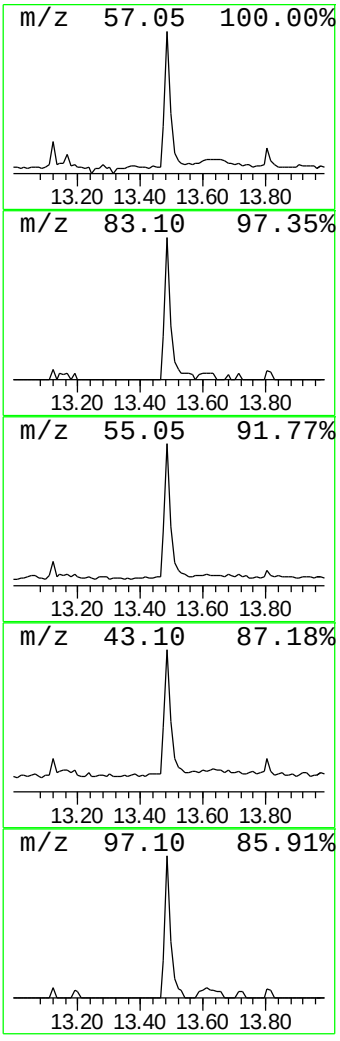
****

Peak Number 8 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	11.69 ng	161348	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





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...	4.59	33.0	ng	382291	1	6.49	231992	20.0
unknown6.26	6.26	119.4	ng	1385290	1	6.49	231992	20.0
Nonadecane	10.44	2.3	ng	43140	4	10.99	372245	20.0
n-Hexadecanoic acid	11.55	6.2	ng	114950	4	10.99	372245	20.0
Octadecanoic acid	12.33	6.9	ng	95719	5	13.61	276027	20.0
3-Eicosene, (E)-	13.49	11.7	ng	161348	5	13.61	276027	20.0