LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089766.D
Acq On : 17 Aug 2016 16:42
Operator : UM/SJ
Sample : H4476-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5D

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-BF081616.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	1.667	6	7	16	rVV	1685617	2900379	9.30%	1.611%
2	1.792	16	18	64	rVB	12567756	31180881	100.00%	17.315%
3	4.844	282	285	289	rBV	1393514	1858834	5.96%	1.032%
4	5.279	320	323	325	rBV	8664137	8283404	26.57%	4.600%
5	5.690	357	359	362	rBV	269591	367894	1.18%	0.204%
6	6.330	412	415	417	rBV	6685864	5873736	18.84%	3.262%
7	6.467	424	427	429	rBV	13979736	15530264	49.81%	8.624%
8	6.696	445	447	449	rBV	4571991	3948987	12.66%	2.193%
9	6.856	458	461	463	rBV	13794755	13142108	42.15%	7.298%
10	7.267	494	497	499	rVV	10069217	11417097	36.62%	6.340%
11	7.393	506	508	510	rVB	272873	384607	1.23%	0.214%
12	7.987	557	560	562	rBV	5888050	5614232	18.01%	3.118%
13	8.353	587	592	594	rBV	658379	860405	2.76%	0.478%
14	8.925	637	642	644	rBV	543481	849424	2.72%	0.472%
15	9.073	651	655	657	rBV	18823229	21431557	68.73%	11.901%
16	9.439	686	687	692	rVB2	239015	403581	1.29%	0.224%
17	9.736	710	713	715	rBV	7297071	6287587	20.16%	3.492%
18	10.525	779	782	784	rBV	10787797	12659161	40.60%	7.030%
19	11.211	840	842	845	rVB	6595290	5945568	19.07%	3.302%
20	11.759	888	890	895	rBV2	497365	925224	2.97%	0.514%
21	12.548	957	959	965	rVV	742730	1219465	3.91%	0.677%
22	12.651	966	968	970	rVB	526563	464391	1.49%	0.258%
23	12.811	979	982	985	rBV	13871703	18403563	59.02%	10.220%
24	13.371	1029	1031	1034	rBV2	217921	319221	1.02%	0.177%
25	13.897	1074	1077	1079	rBV	5621814	5650076	18.12%	3.138%
26	15.405	1206	1209	1212	rBV	3365153	4158390	13.34%	2.309%

Sum of corrected areas: 180080036

LSC Report - Integrated Chromatogram

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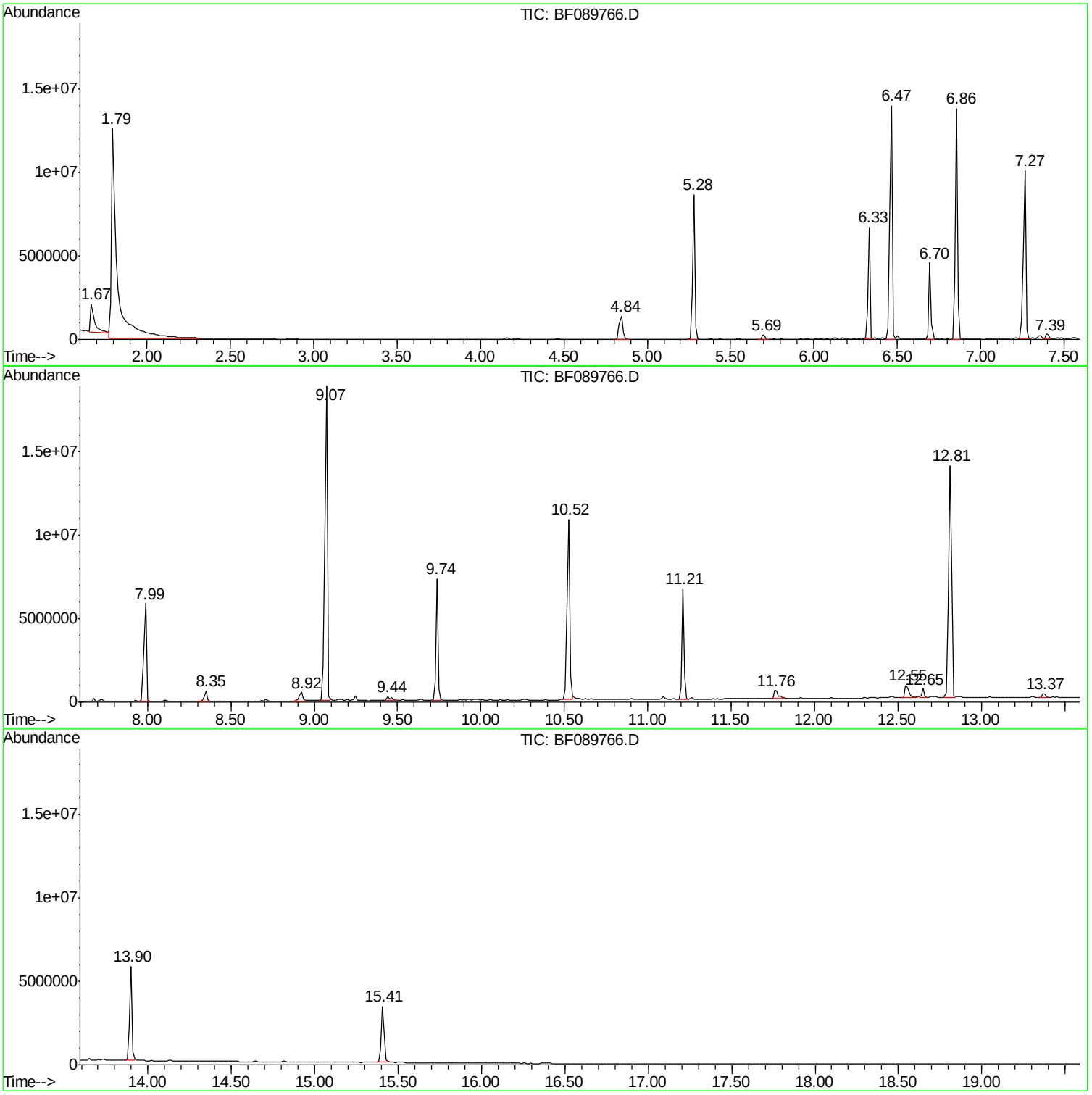
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST11.L
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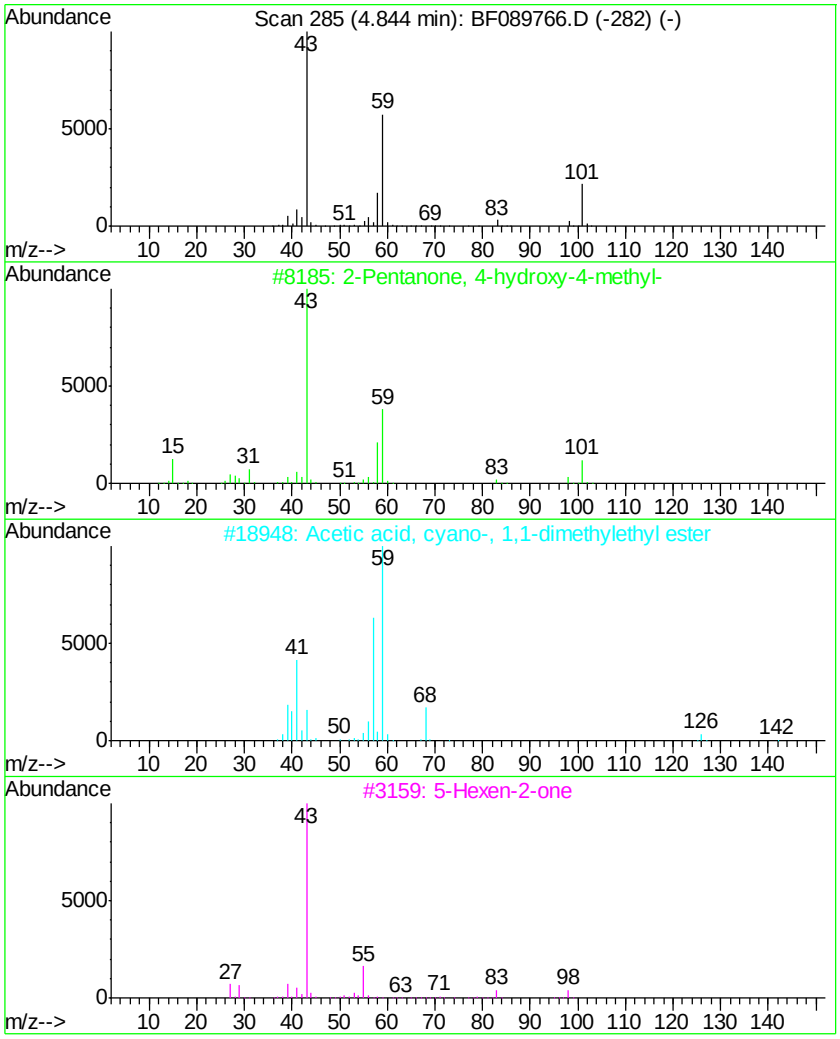
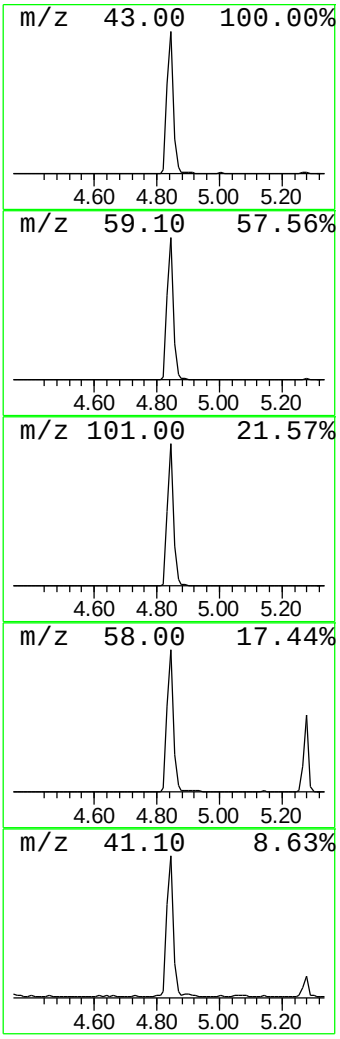
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	9.41 ng	1858830	1,4-Dichlorobenzene-d4	6.70

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : LOCATION-5D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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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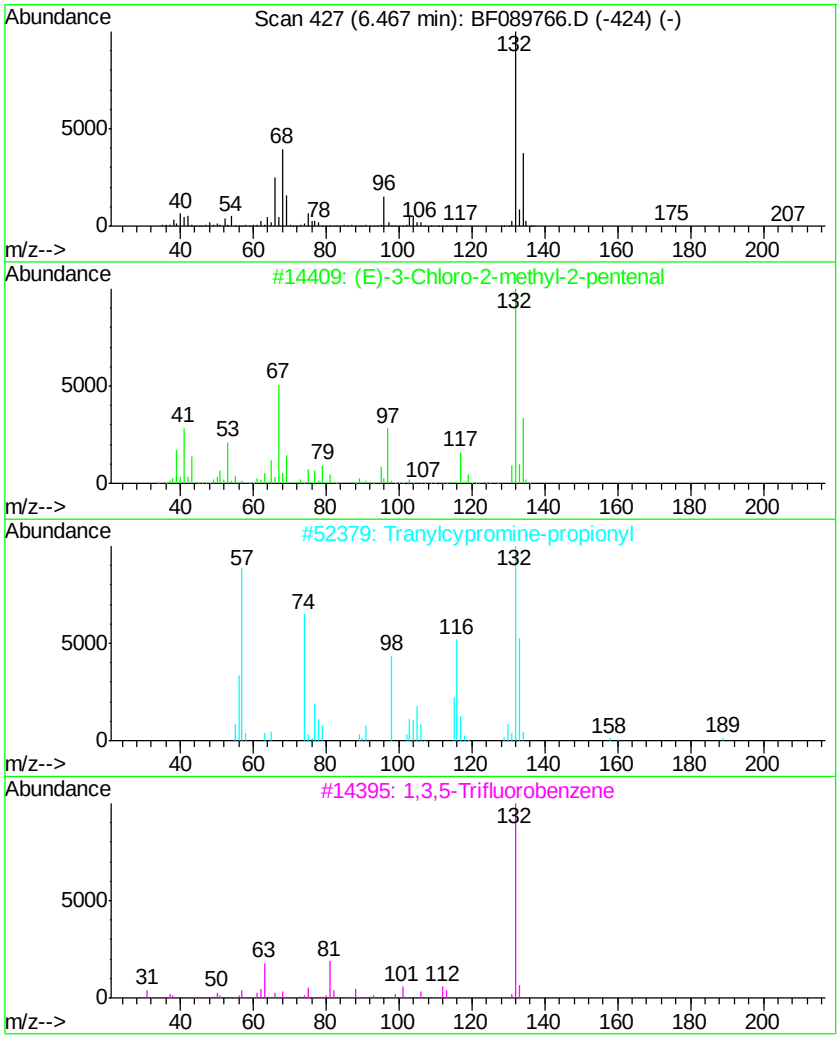
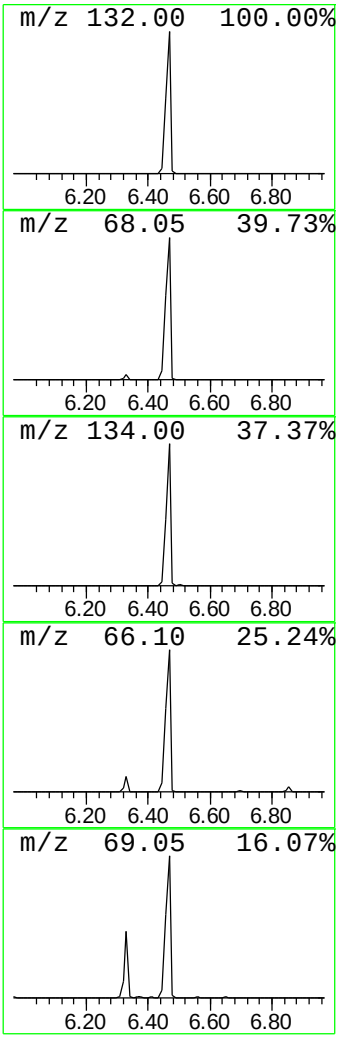
Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	78.65 ng	15530300	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H4476-02
Misc :
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Instrument : BNA_F
ClientSampleId : LOCATION-5D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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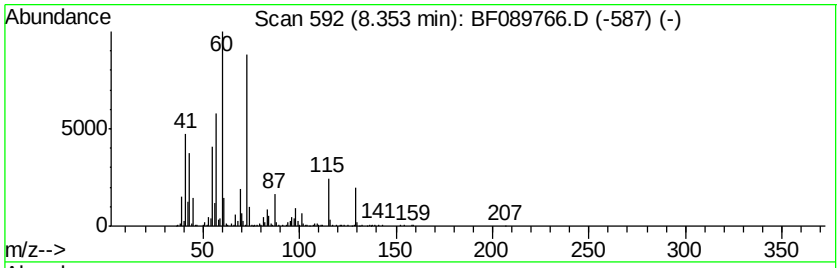
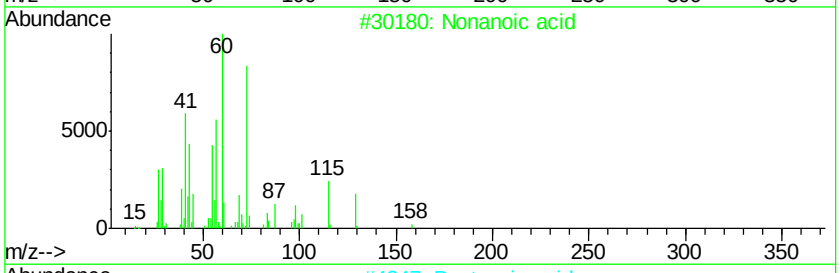
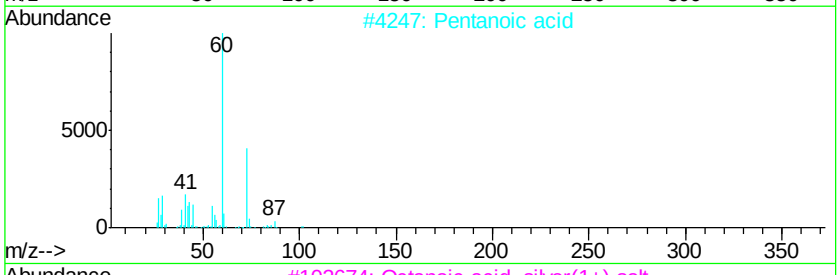
Peak Number 6 Nonanoic acid Concentration Rank 8

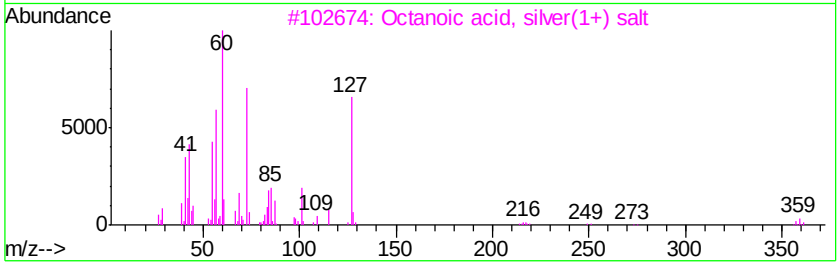
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.07 ng	860405	Naphthalene-d8	7.99

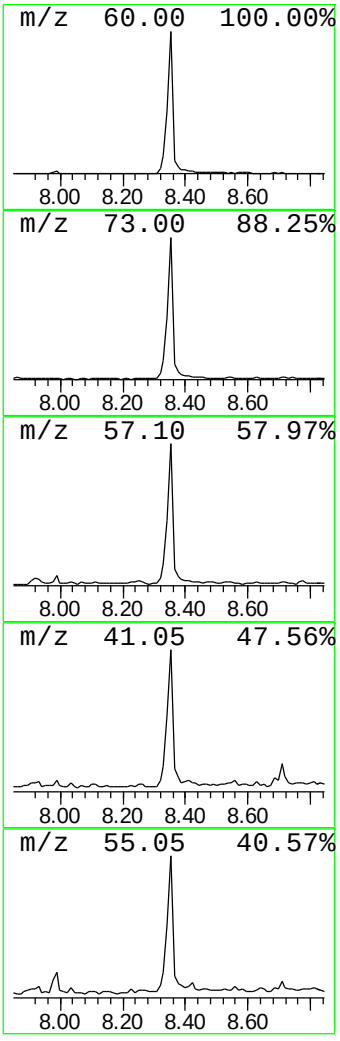
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	50
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
4	Octanoic acid	144	C8H16O2	000124-07-2	50
5	Hexanoic acid	116	C6H12O2	000142-62-1	47











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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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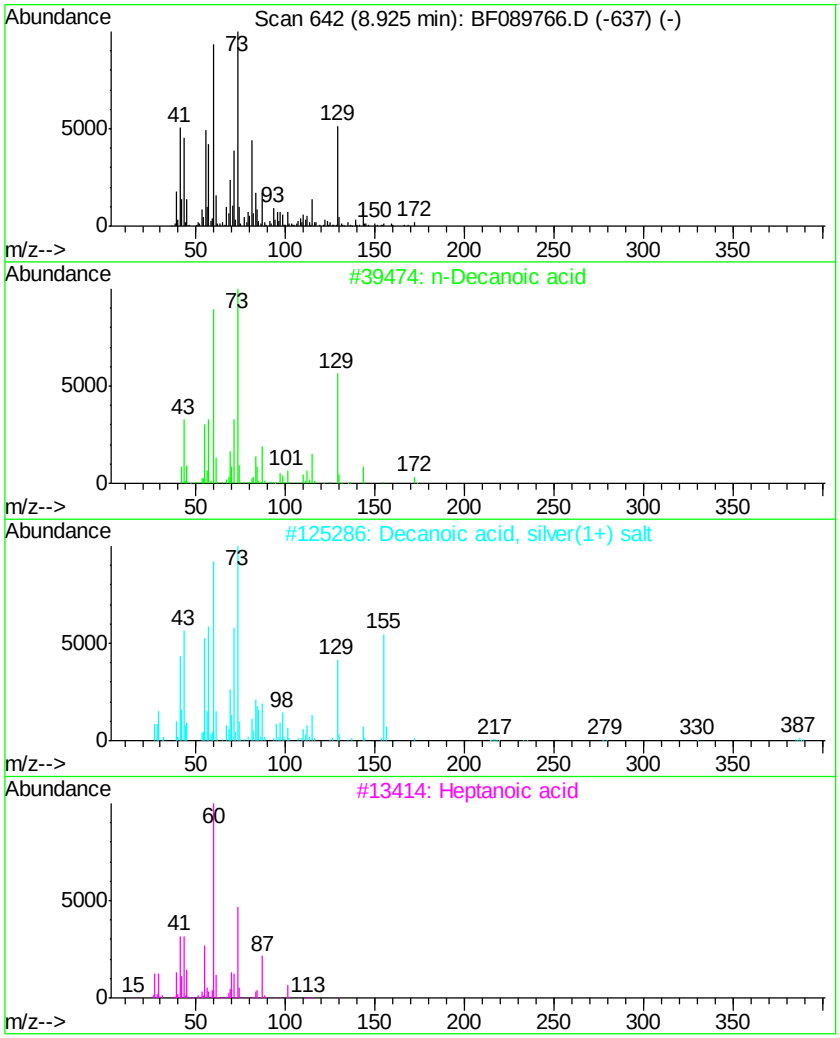
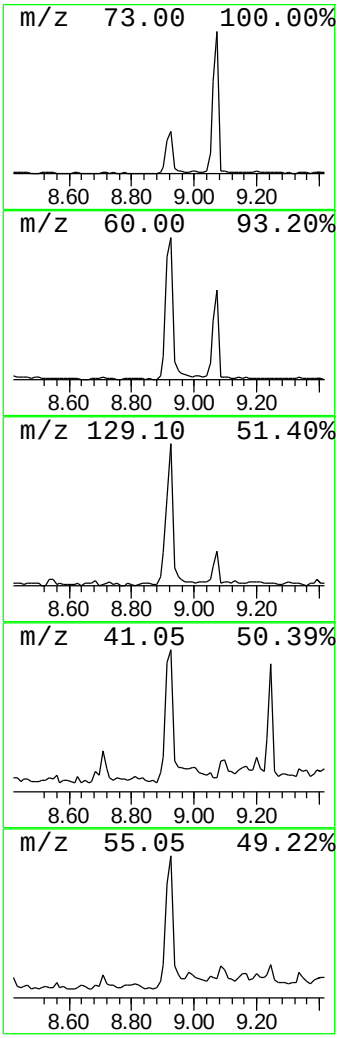
Peak Number 7 n-Decanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	2.70 ng	849424	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	93
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50
3	Heptanoic acid	130	C7H14O2	000111-14-8	47
4	Hexanoic acid	116	C6H12O2	000142-62-1	43
5	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	40





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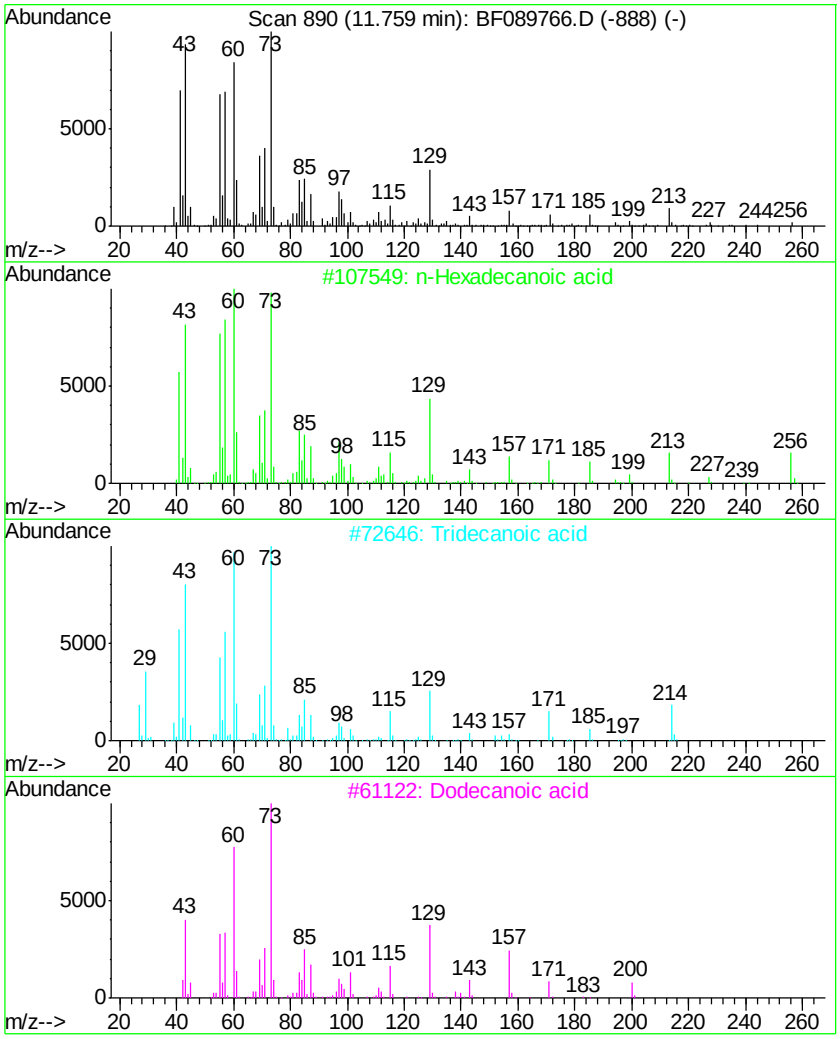
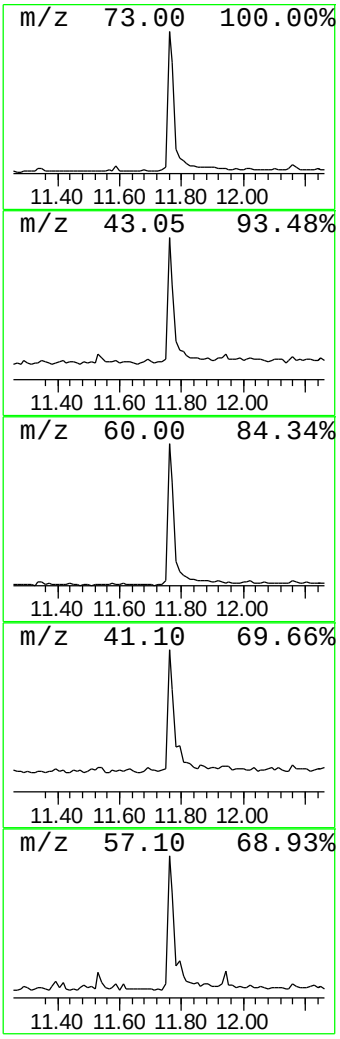
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.11 ng	925224	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Dodecanoic acid	200	C12H24O2	000143-07-7	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Propionic acid, 3-tetrazol-1-yl-	142	C4H6N4O2	1000304-09-3	30





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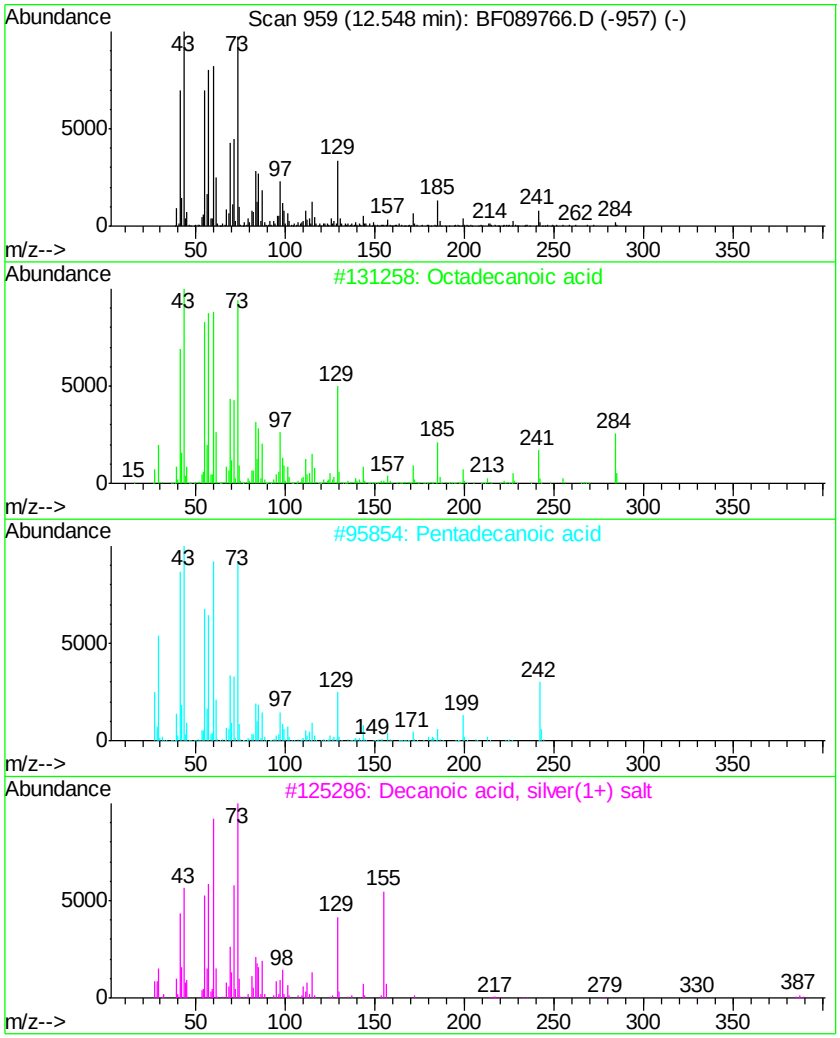
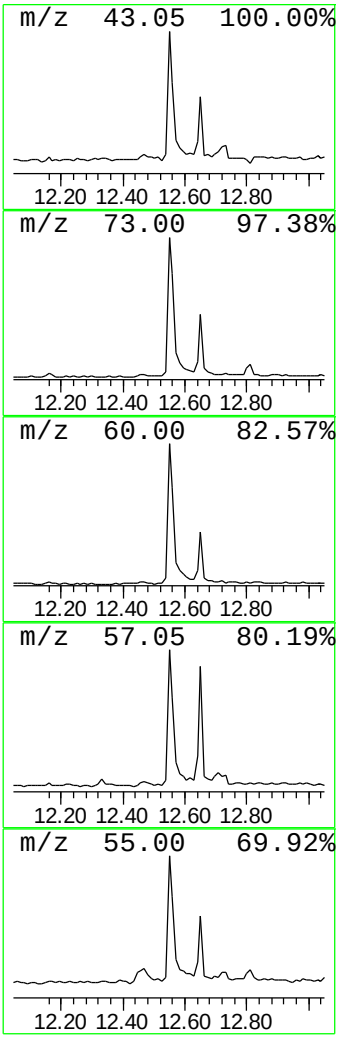
Peak Number 9 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.10 ng	1219470	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Nonadecane	268	C19H40	000629-92-5	25





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...	4.84	9.4	ng	1858830	1	6.70	3948990	20.0
unknown6.47	6.47	78.7	ng	15530300	1	6.70	3948990	20.0
Nonanoic acid	8.35	3.1	ng	860405	2	7.99	5614230	20.0
n-Decanoic acid	8.92	2.7	ng	849424	3	9.74	6287590	20.0
n-Hexadecanoic acid	11.76	3.1	ng	925224	4	11.21	5945570	20.0
Octadecanoic acid	12.55	4.1	ng	1219470	4	11.21	5945570	20.0