LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
Data File : BF089559.D
Acq On : 2 Aug 2016 21:10
Operator : UM/SJ
Sample : H4269-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56-19.0-20.0

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	1.644	4	5	44	rVB	850685	1807958	100.00%	14.604%
2	4.559	256	260	269	rBV	240127	437049	24.17%	3.530%
3	5.039	299	302	316	rBV	938856	1156756	63.98%	9.344%
4	5.450	336	338	343	rVB	16239	18745	1.04%	0.151%
5	6.136	396	398	405	rBV	1038003	1242978	68.75%	10.040%
6	6.239	405	407	420	rVB	1241040	1309245	72.42%	10.576%
7	6.467	426	427	438	rBV2	204493	246500	13.63%	1.991%
8	6.627	438	441	443	rBV	827456	905875	50.10%	7.317%
9	7.050	476	478	488	rBV	506799	761288	42.11%	6.149%
10	7.187	488	490	496	rVB2	12284	19187	1.06%	0.155%
11	7.759	538	540	542	rBV	284819	294751	16.30%	2.381%
12	8.833	632	634	637	rBV	1143384	1180441	65.29%	9.535%
13	9.233	667	669	672	rBV	205175	210839	11.66%	1.703%
14	9.496	690	692	695	rBV	392804	346704	19.18%	2.801%
15	9.953	730	732	734	rVB	23541	19027	1.05%	0.154%
16	10.285	759	761	771	rVV	677551	710816	39.32%	5.742%
17	10.422	771	773	779	rVB	31133	37457	2.07%	0.303%
18	10.971	819	821	835	rBV	252890	282298	15.61%	2.280%
19	12.548	957	959	962	rBV	847446	831943	46.02%	6.720%
20	13.039	1000	1002	1006	rBB	21860	27994	1.55%	0.226%
21	13.474	1038	1040	1045	rBB	30470	52358	2.90%	0.423%
22	13.588	1048	1050	1058	rBV	222158	243930	13.49%	1.970%
23	14.914	1164	1166	1169	rBV	210780	235550	13.03%	1.903%

Sum of corrected areas: 12379689

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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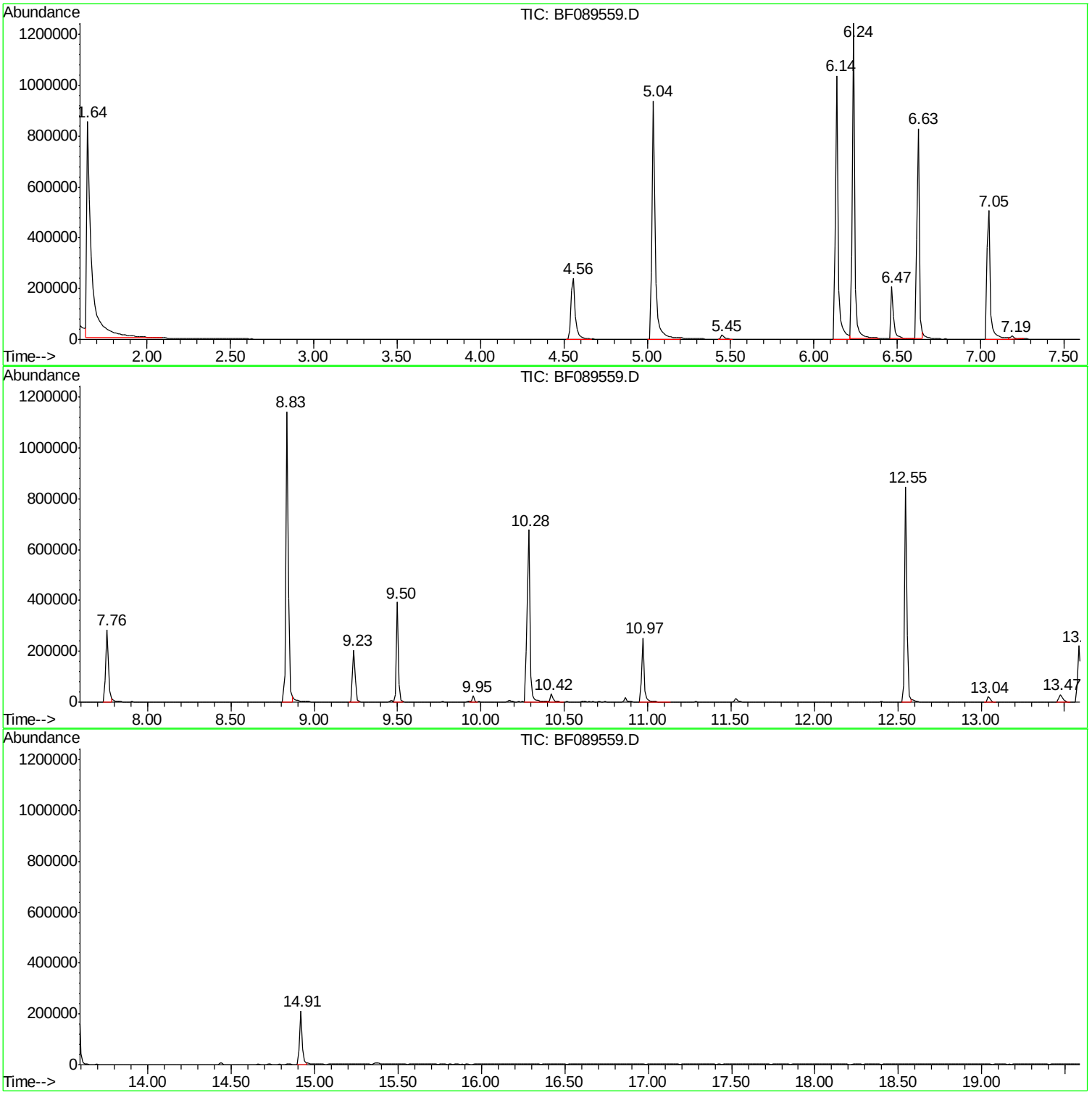
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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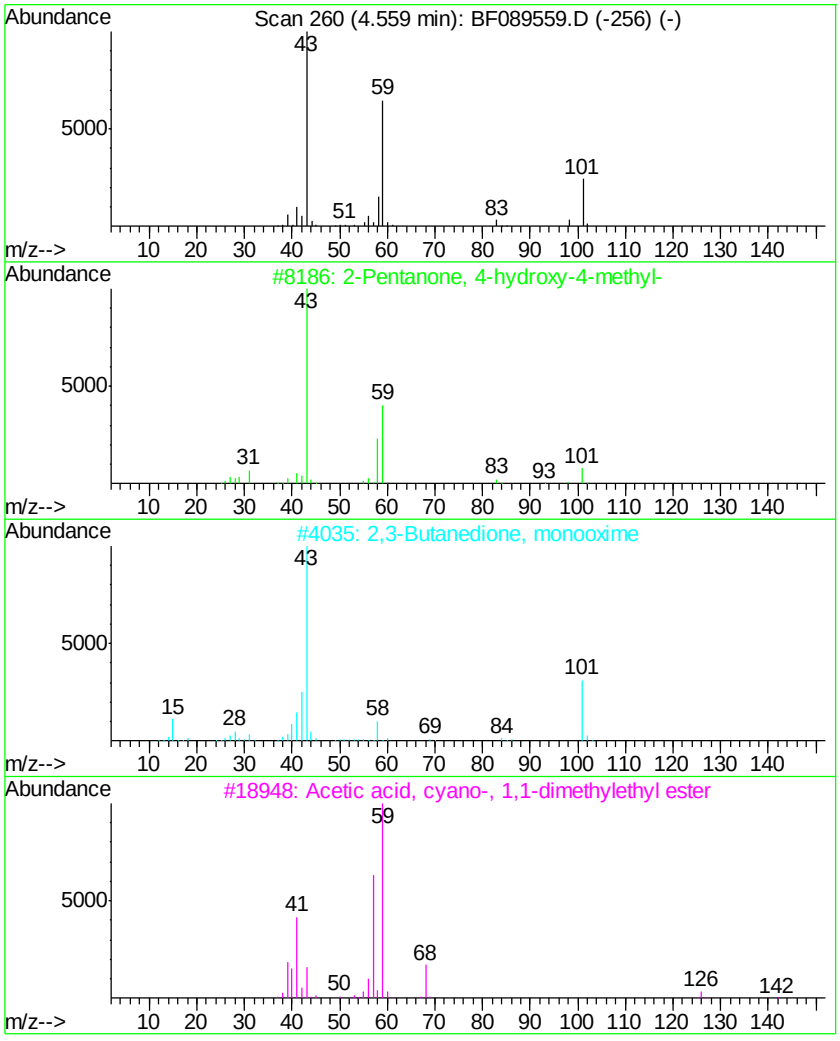
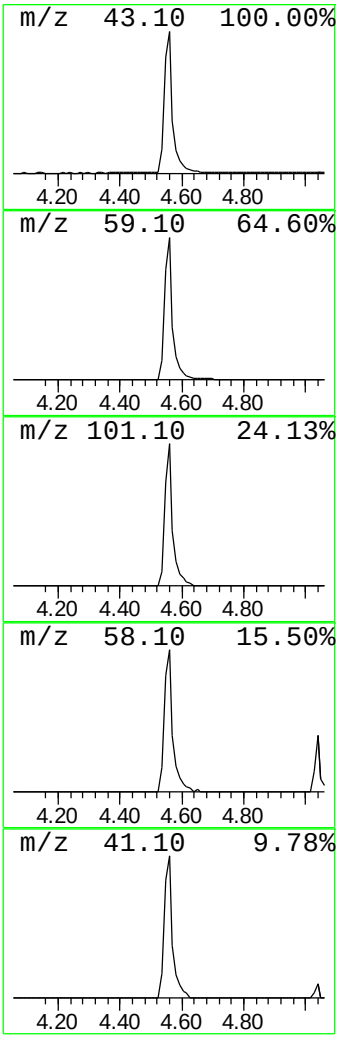
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	35.46 ng	437049	1,4-Dichlorobenzene-d4	6.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : SB-56-19.0-20.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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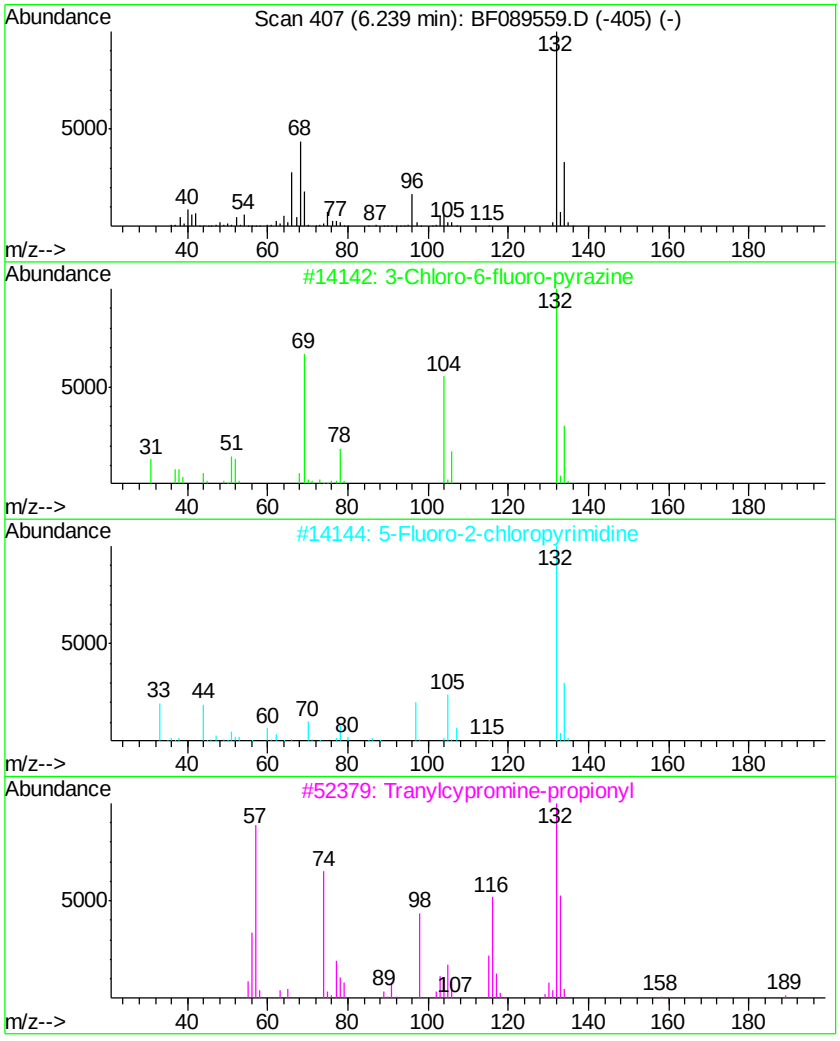
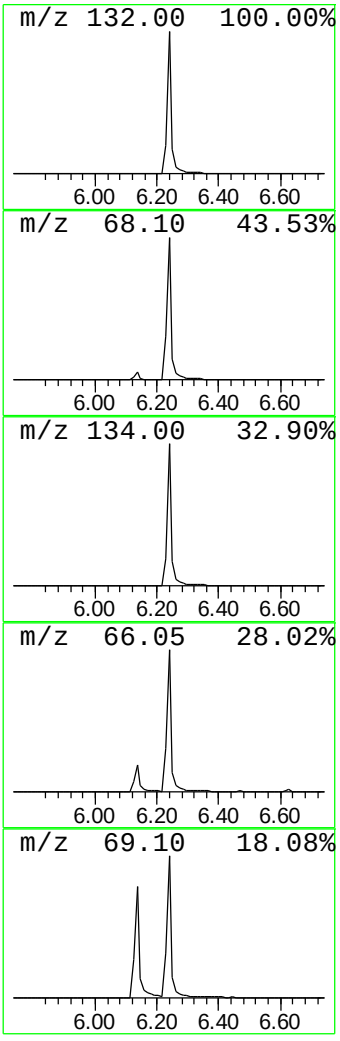
Peak Number 3 unknown6.24 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	106.23 ng	1309250	1,4-Dichlorobenzene-d4	6.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ClientSampleId : SB-56-19.0-20.0

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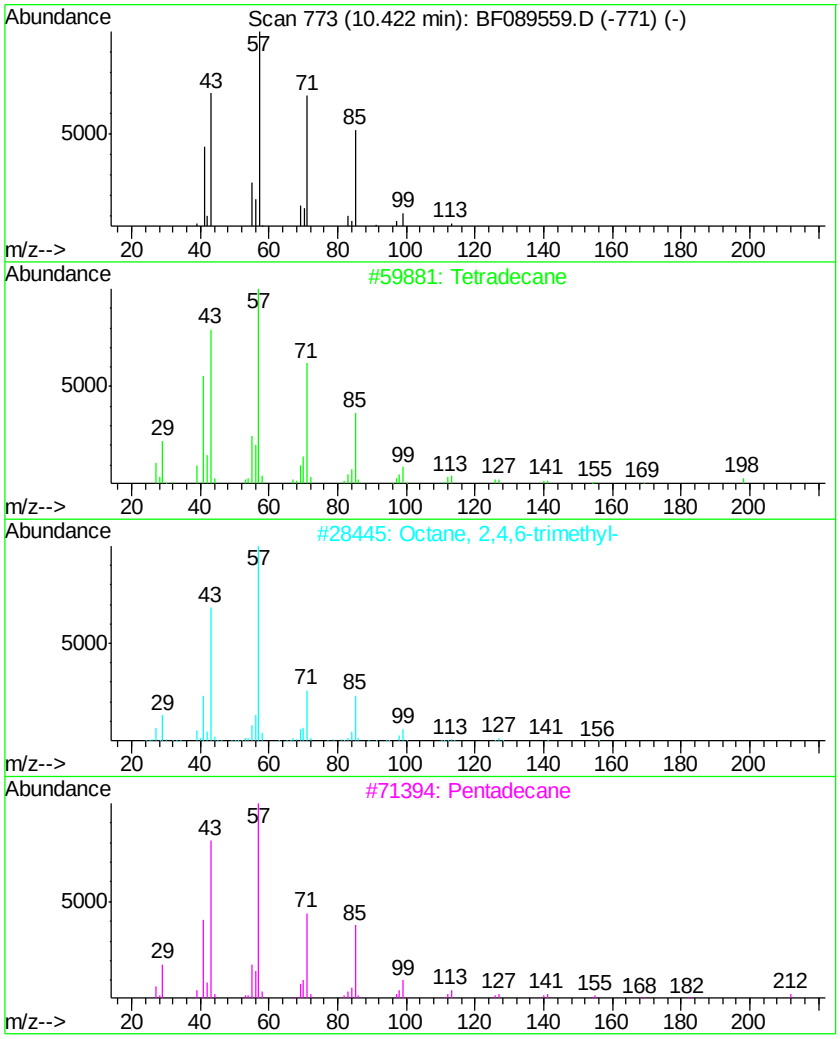
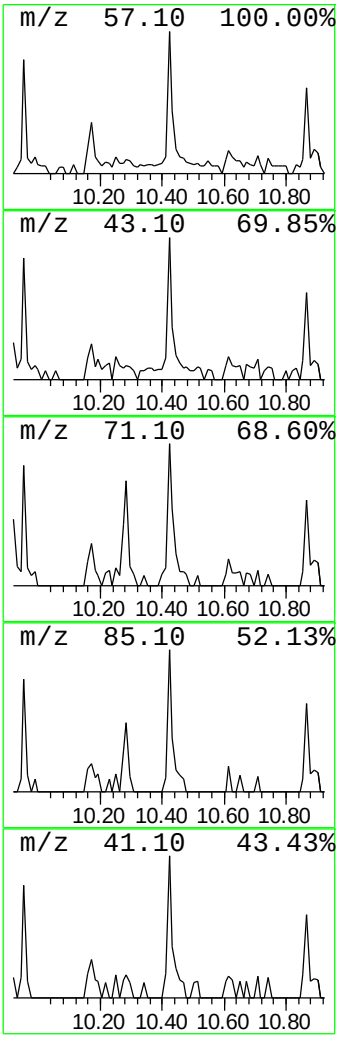
Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.65 ng	37457	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3	Pentadecane	212	C15H32	000629-62-9	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59





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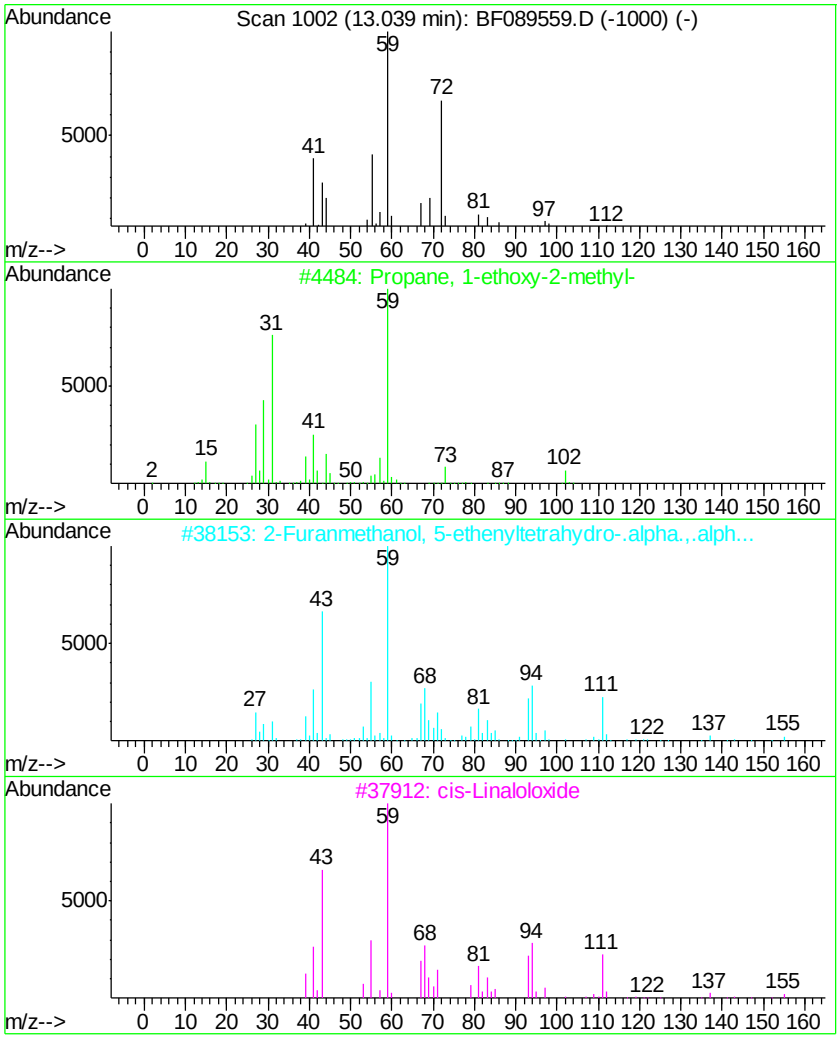
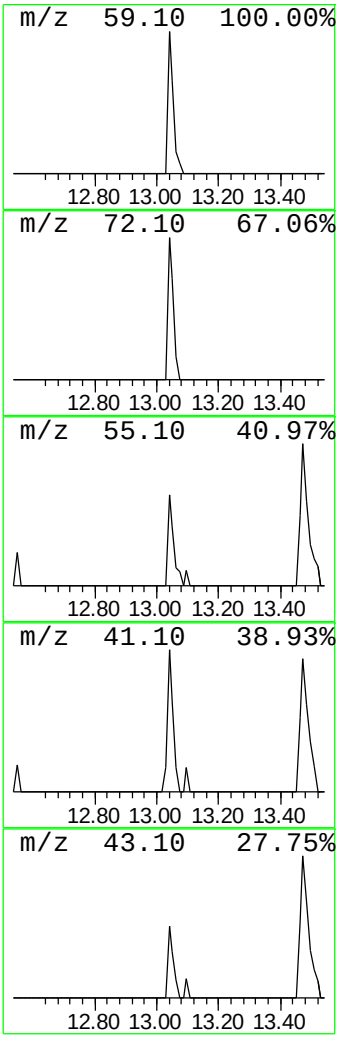
Peak Number 6 unknown13.04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.30 ng	27994	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
2	2-Furanmethanol, 5-ethenyltetrah...	170	C10H18O2	005989-33-3	23
3	cis-Linaloloxide	170	C10H18O2	1000121-97-4	23
4	3-Octanol	130	C8H18O	000589-98-0	17
5	Hydrazine, 2-propenyl-	72	C3H8N2	007422-78-8	9





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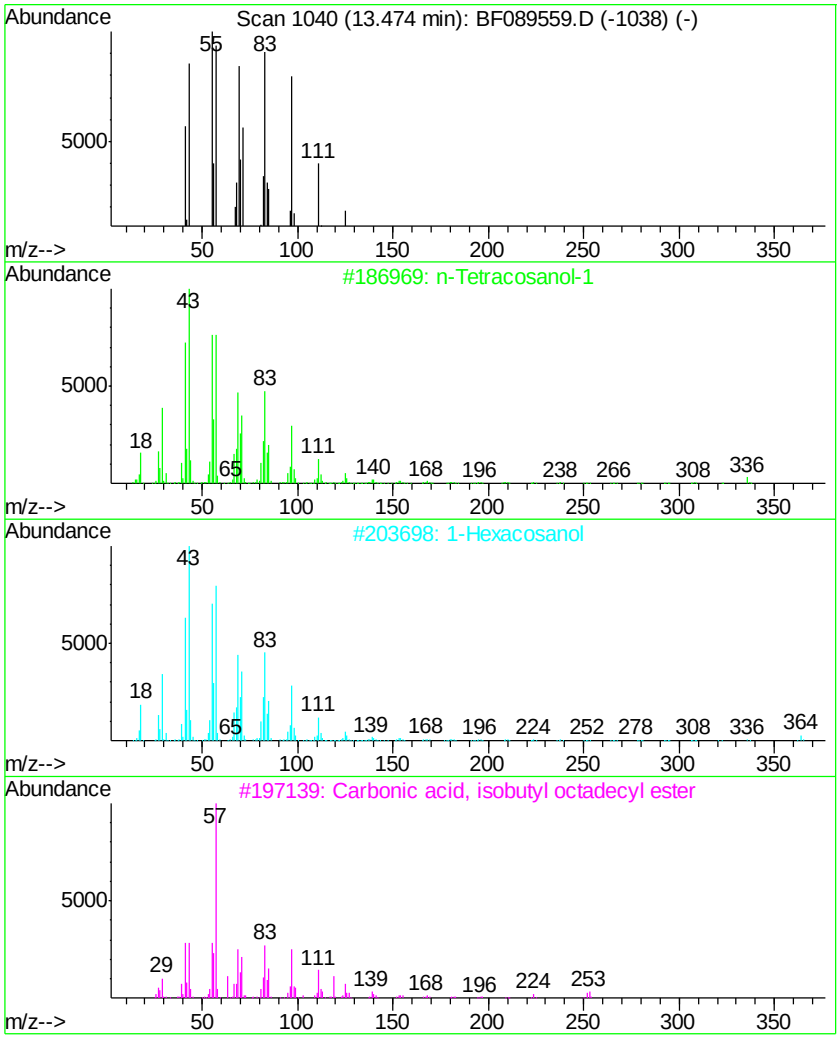
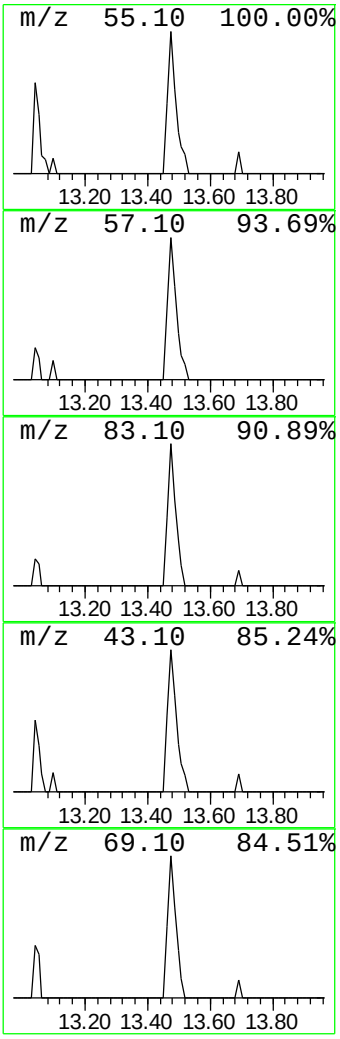
Peak Number 7 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.29 ng	52358	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2	1-Hexacosanol	382	C26H54O	000506-52-5	64
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	50
4	Cyclotetradecane	196	C14H28	000295-17-0	47
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	35





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.56	35.5	ng	437049	1	6.47	246500	20.0
unknown6.24	6.24	106.2	ng	1309250	1	6.47	246500	20.0
Tetradecane	10.42	2.6	ng	37457	4	10.97	282298	20.0
unknown13.04	13.04	2.3	ng	27994	5	13.59	243930	20.0
n-Tetracosanol-1	13.47	4.3	ng	52358	5	13.59	243930	20.0