LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089459.D
Acq On : 30 Jul 2016 18:15
Operator : UM/SJ
Sample : H4284-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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	1.667	4	7	61	rVB	1012381	2526684	100.00%	15.529%
2	4.604	262	264	280	rBV	214828	412980	16.34%	2.538%
3	5.073	303	305	322	rBV	1029554	1456277	57.64%	8.951%
4	6.159	397	400	403	rBV	966639	1456595	57.65%	8.952%
5	6.273	407	410	412	rBV	1258841	1602444	63.42%	9.849%
6	6.502	428	430	441	rVB	222731	267875	10.60%	1.646%
7	6.650	441	443	446	rBV	1072866	1112118	44.01%	6.835%
8	7.073	478	480	499	rBV	802440	1017951	40.29%	6.257%
9	7.782	540	542	553	rBV	364381	407035	16.11%	2.502%
10	8.868	634	637	639	rBV	1630947	1698371	67.22%	10.438%
11	9.268	669	672	674	rBV	250037	233116	9.23%	1.433%
12	9.531	692	695	697	rVV	430464	461239	18.25%	2.835%
13	9.988	726	735	736	rBV2	35992	57725	2.28%	0.355%
14	10.205	750	754	757	rBV	17465	31760	1.26%	0.195%
15	10.319	761	764	766	rBV	801262	995887	39.41%	6.121%
16	10.456	774	776	780	rVB	50155	72187	2.86%	0.444%
17	10.902	813	815	816	rBV	22466	31493	1.25%	0.194%
18	11.005	821	824	826	rBV	298830	430522	17.04%	2.646%
19	11.554	870	872	876	rBV	21962	28408	1.12%	0.175%
20	12.582	959	962	965	rBV	1306772	1304492	51.63%	8.018%
21	13.497	1039	1042	1050	rBV	67671	121433	4.81%	0.746%
22	13.611	1050	1052	1060	rVV	197816	304475	12.05%	1.871%
23	14.948	1167	1169	1176	rBV	199198	239216	9.47%	1.470%

Sum of corrected areas: 16270283

LSC Report - Integrated Chromatogram

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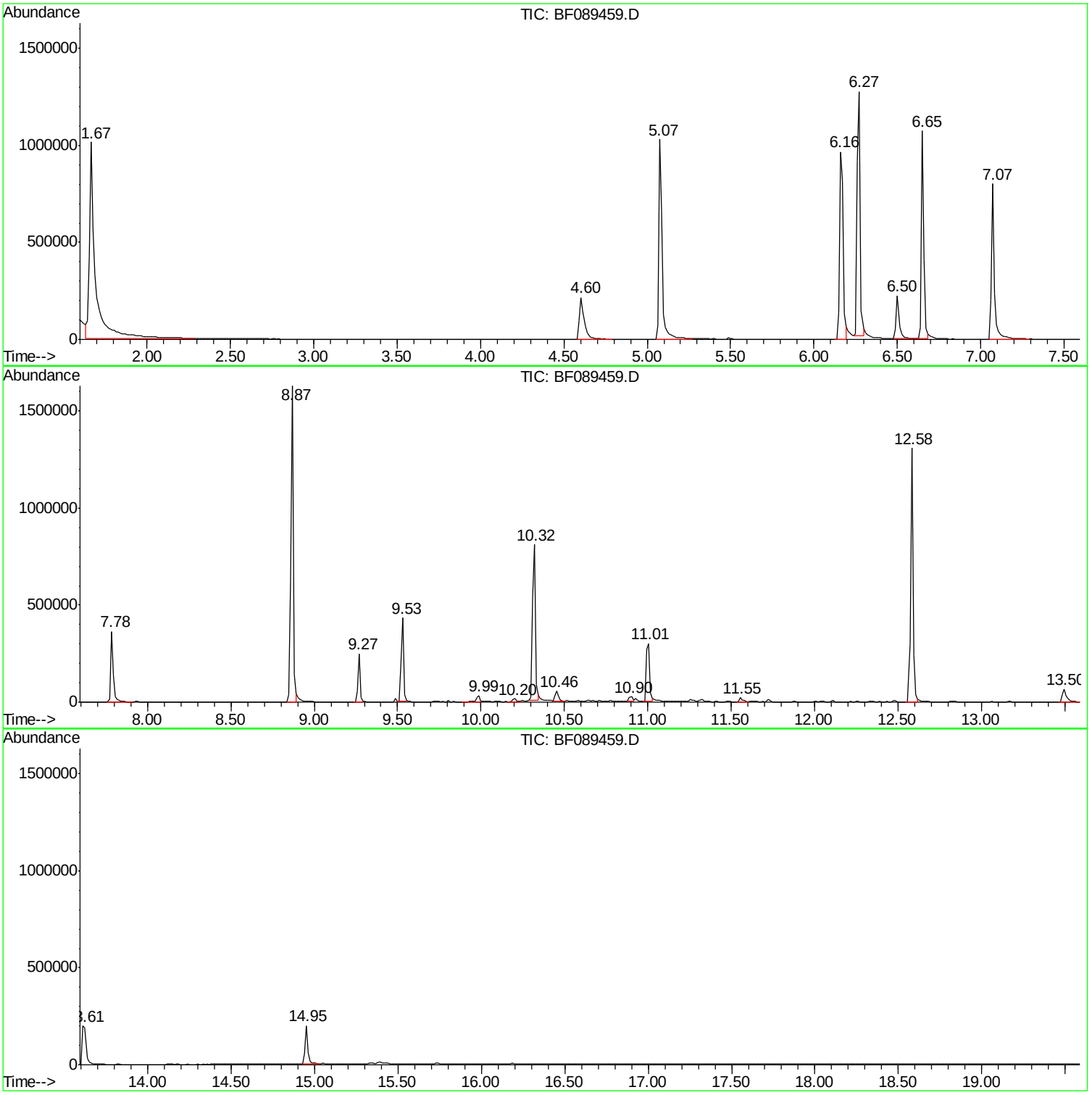
Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)F

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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TIC Integration Parameters: LSCINT.P

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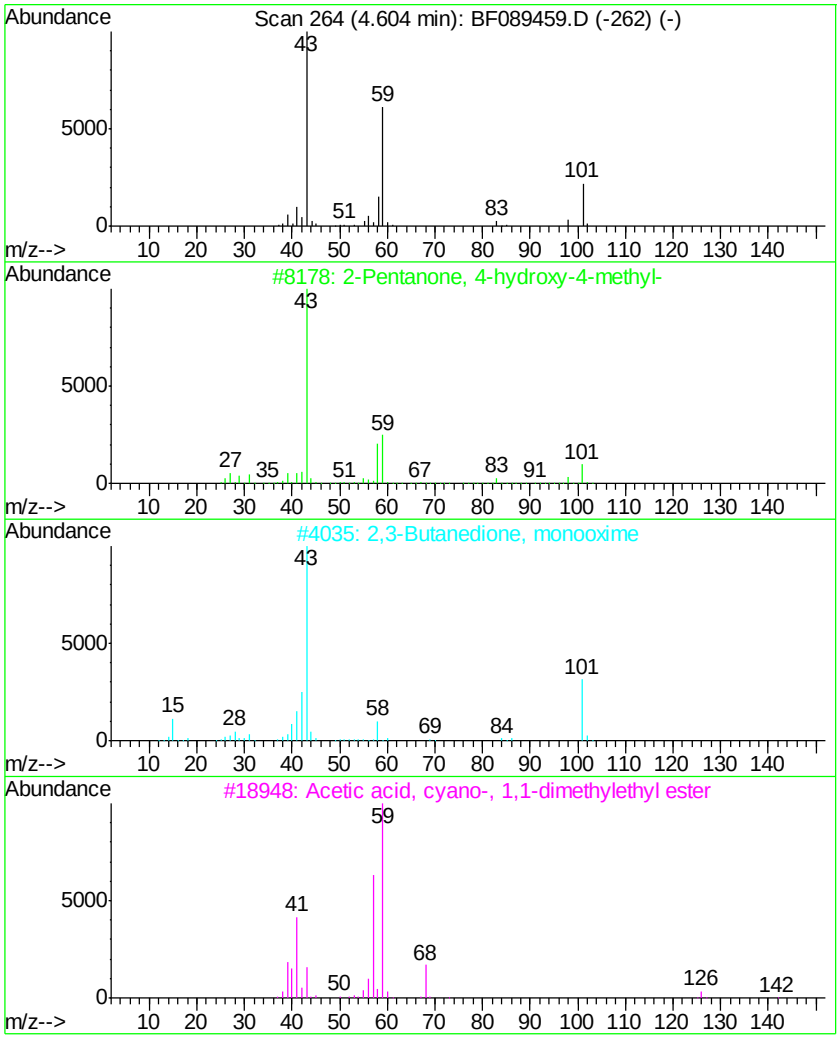
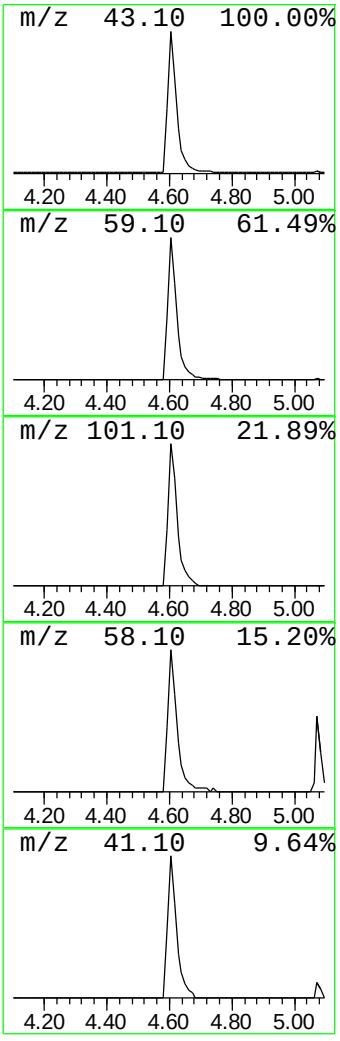
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	30.83 ng	412980	1,4-Dichlorobenzene-d4	6.50

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	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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

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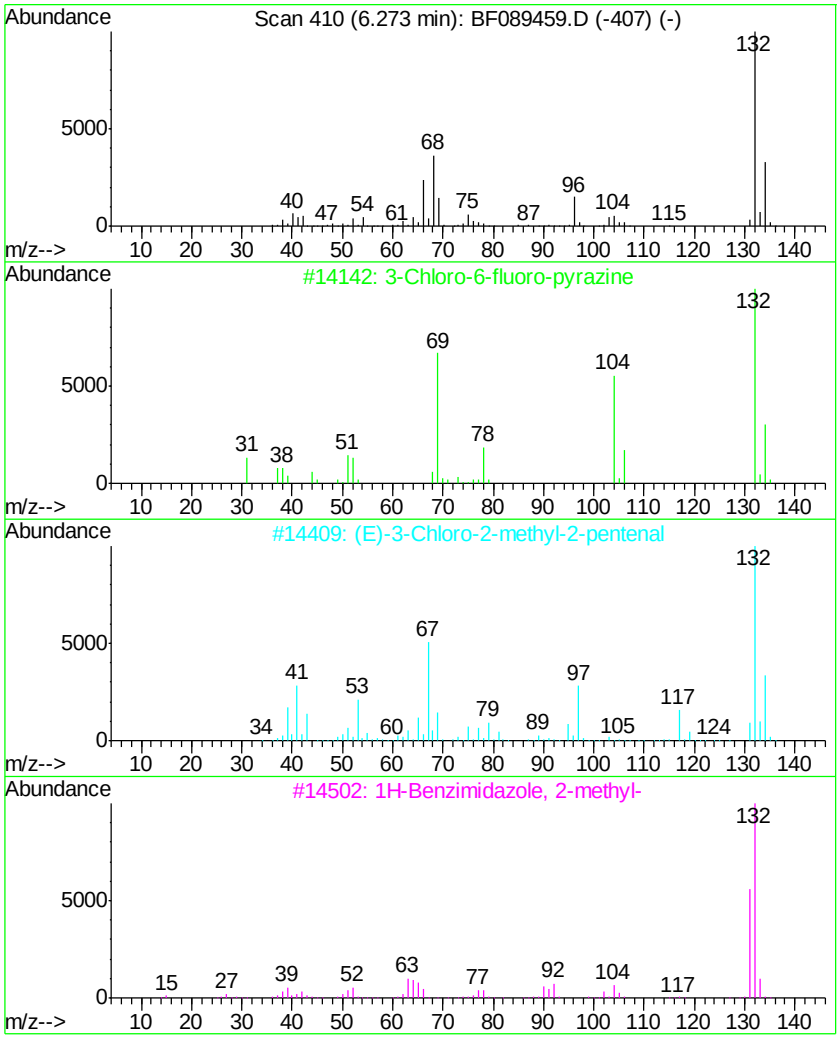
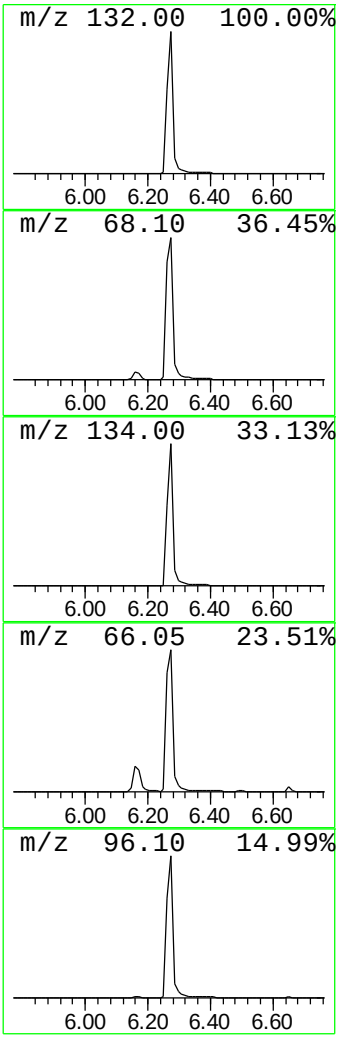
Peak Number 3 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	119.64 ng	1602440	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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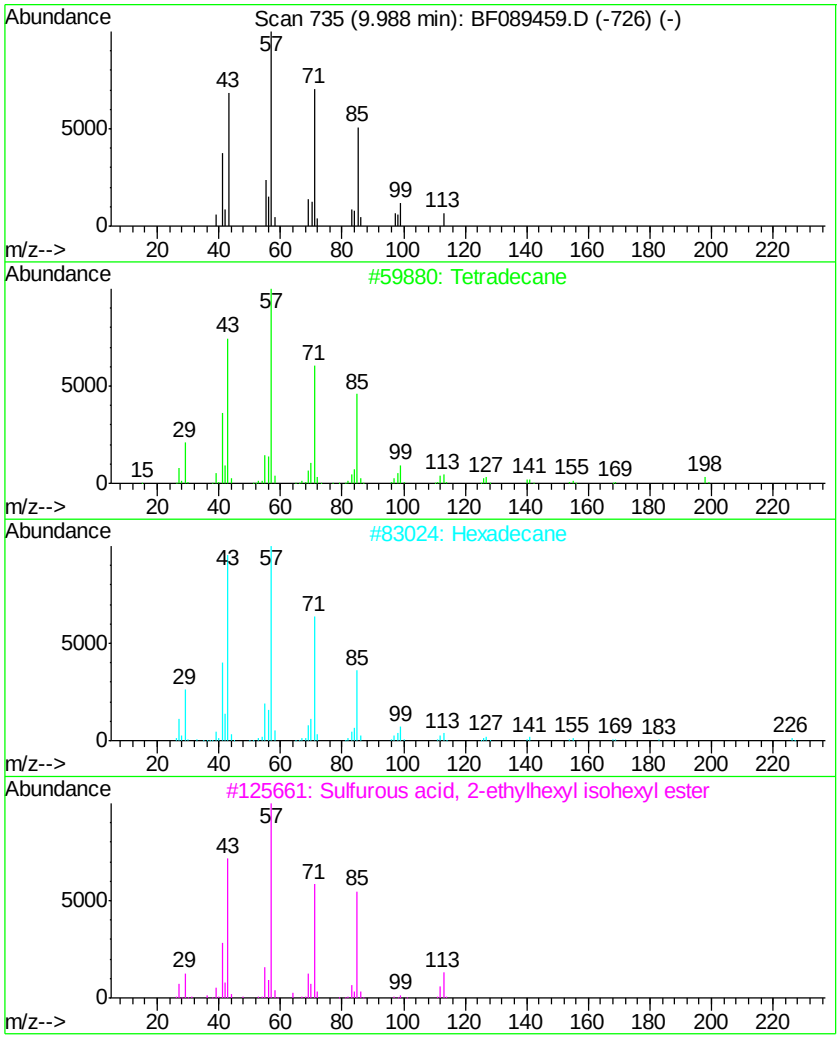
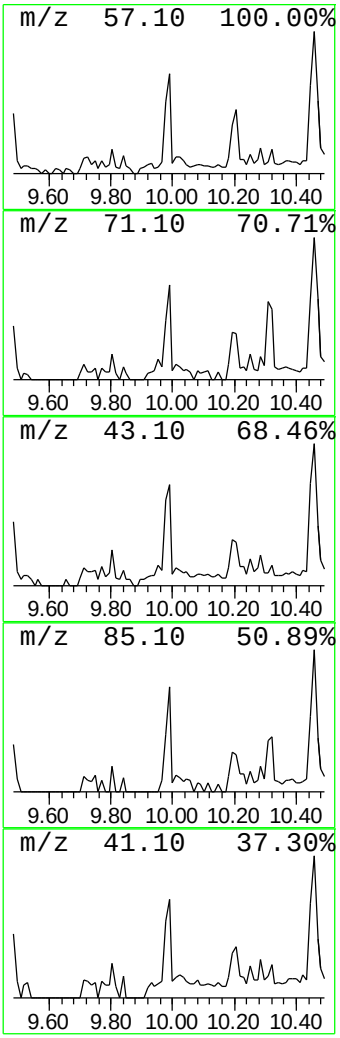
Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	2.50 ng	57725	Acenaphthene-d10	9.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	78
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59





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Instrument : BNA_F
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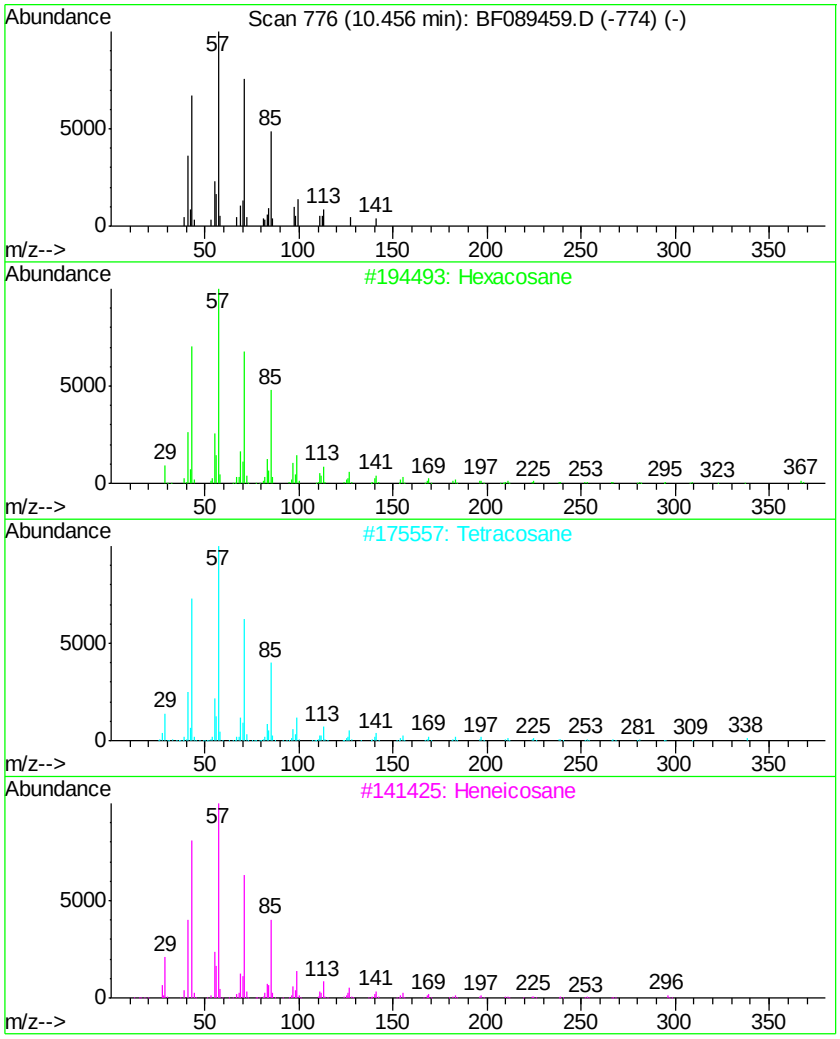
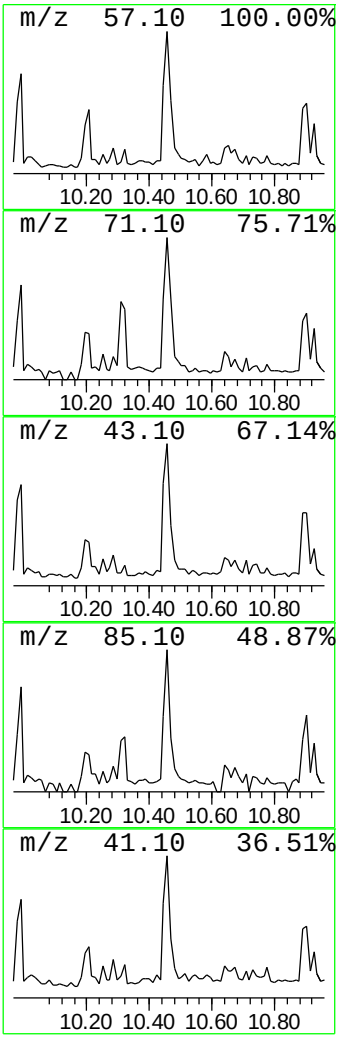
Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.35 ng	72187	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





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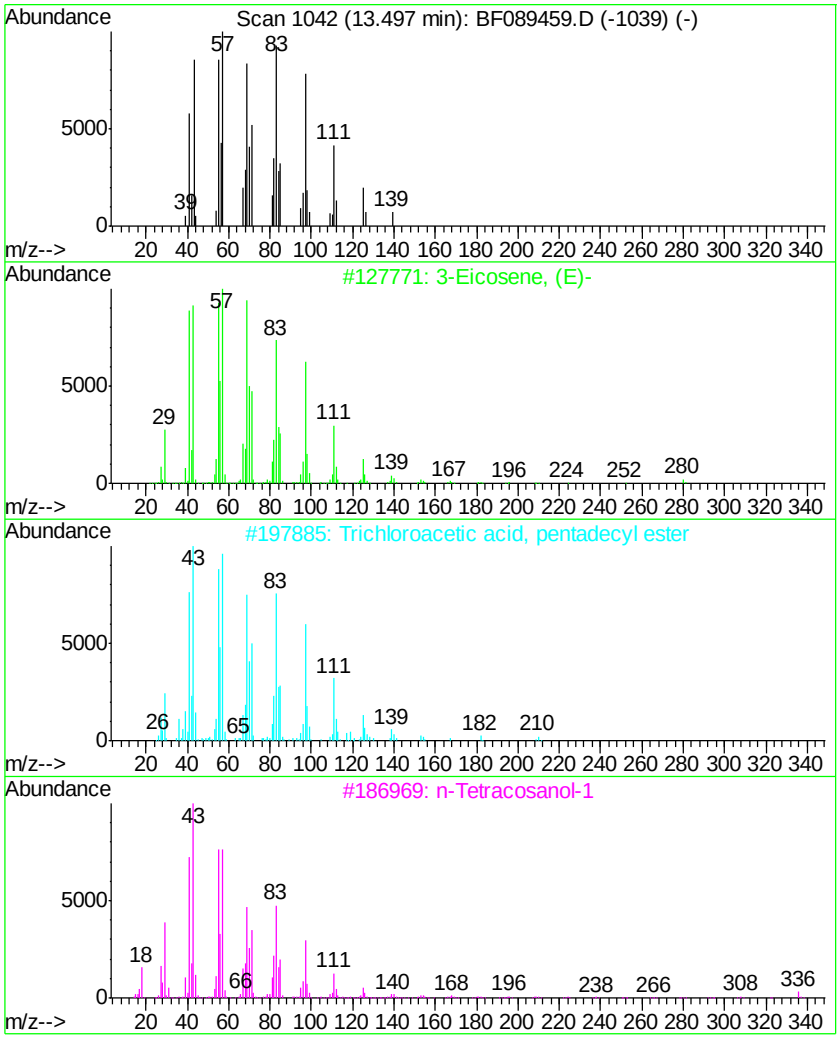
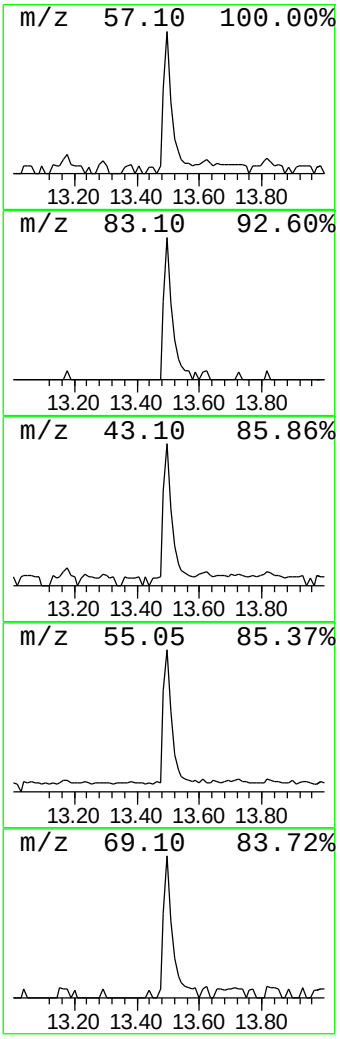
Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	7.98 ng	121433	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	81
5	1-Docosene	308	C22H44	001599-67-3	81





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...	4.60	30.8	ng	412980	1	6.50	267875	20.0
unknown6.27	6.27	119.6	ng	1602440	1	6.50	267875	20.0
Tetradecane	9.99	2.5	ng	57725	3	9.53	461239	20.0
Hexacosane	10.46	3.4	ng	72187	4	11.01	430522	20.0
3-Eicosene, (E)-	13.50	8.0	ng	121433	5	13.62	304475	20.0