LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089458.D
Acq On : 30 Jul 2016 17:45
Operator : UM/SJ
Sample : H4284-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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	40	rVB	923156	2092757	100.00%	13.278%
2	4.604	262	264	274	rBV	215608	410530	19.62%	2.605%
3	5.073	303	305	323	rBV	971326	1446295	69.11%	9.176%
4	6.170	398	401	403	rBV	910932	1463520	69.93%	9.286%
5	6.273	407	410	412	rBV	1291664	1584055	75.69%	10.050%
6	6.502	428	430	441	rVB	218542	263686	12.60%	1.673%
7	6.650	441	443	446	rBV	989884	1119168	53.48%	7.101%
8	7.073	478	480	491	rBV	770976	979972	46.83%	6.218%
9	7.782	540	542	554	rBV	330483	391777	18.72%	2.486%
10	8.868	634	637	639	rBV	1719280	1742168	83.25%	11.054%
11	9.268	670	672	674	rBV	315742	290243	13.87%	1.842%
12	9.530	692	695	697	rBV	431453	445319	21.28%	2.825%
13	9.988	726	735	736	rBV2	27733	42848	2.05%	0.272%
14	10.205	750	754	757	rBV	13047	24906	1.19%	0.158%
15	10.319	761	764	766	rBV	830529	997552	47.67%	6.329%
16	10.456	774	776	779	rVB	39023	54168	2.59%	0.344%
17	10.902	813	815	816	rBV	15757	22414	1.07%	0.142%
18	11.005	822	824	826	rBV	287502	418819	20.01%	2.657%
19	11.553	871	872	877	rBV	22681	27927	1.33%	0.177%
20	12.582	959	962	965	rBV	1363320	1326791	63.40%	8.418%
21	13.497	1039	1042	1049	rBV	46134	79702	3.81%	0.506%
22	13.611	1050	1052	1059	rVV	201880	307621	14.70%	1.952%
23	14.948	1167	1169	1175	rBV	185007	228919	10.94%	1.452%

Sum of corrected areas: 15761157

LSC Report - Integrated Chromatogram

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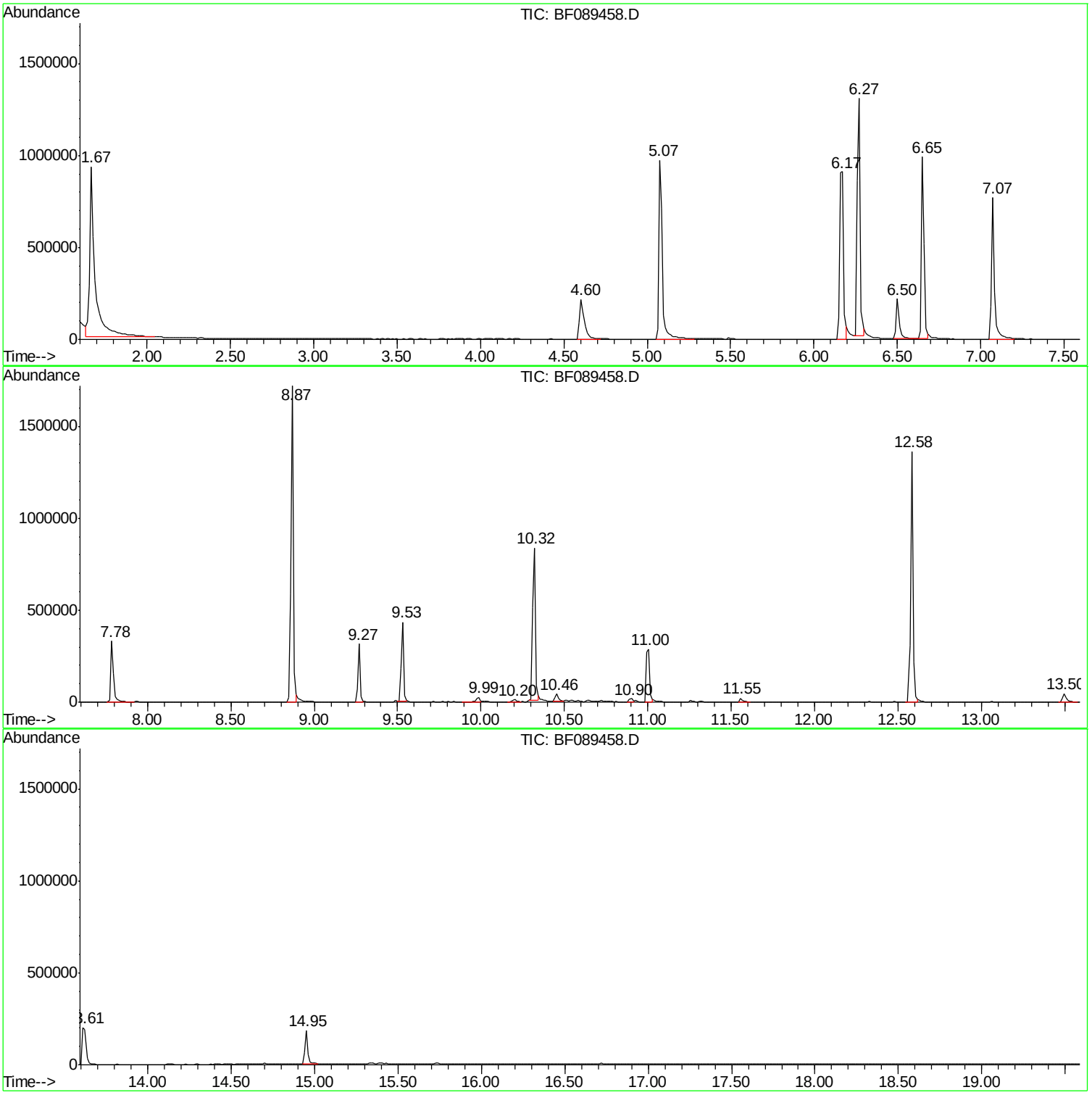
BNA_F
ClientSampleId :
AB-SLOPE(0-4)E

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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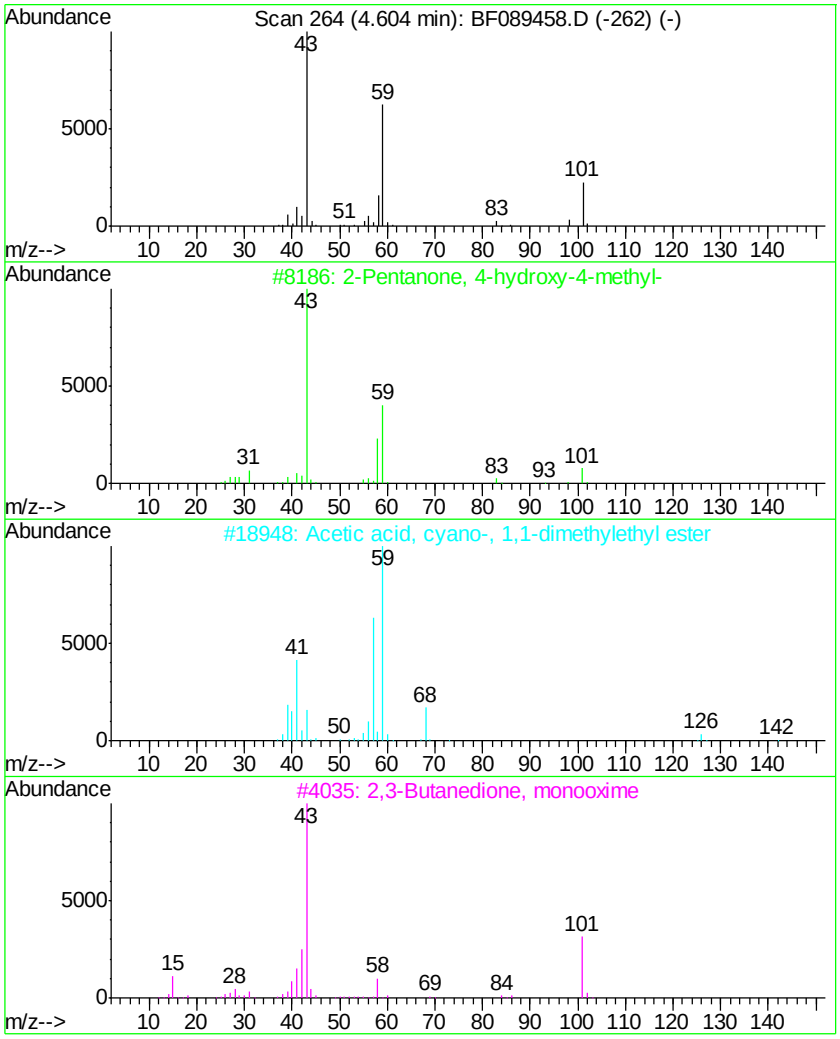
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

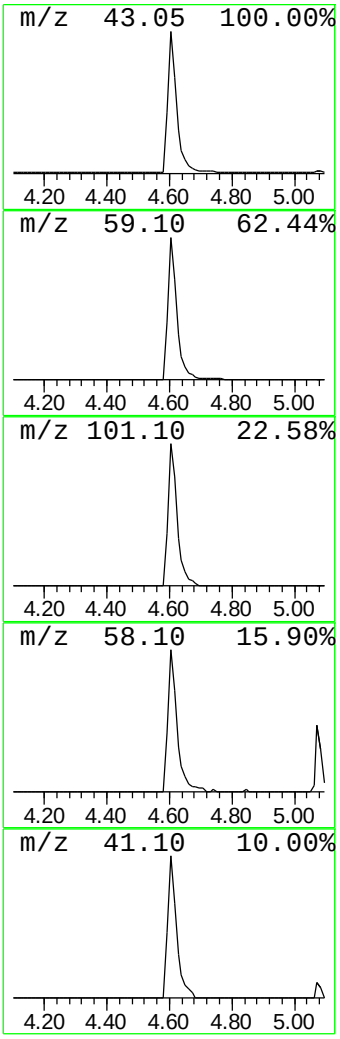
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	31.14 ng	410530	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
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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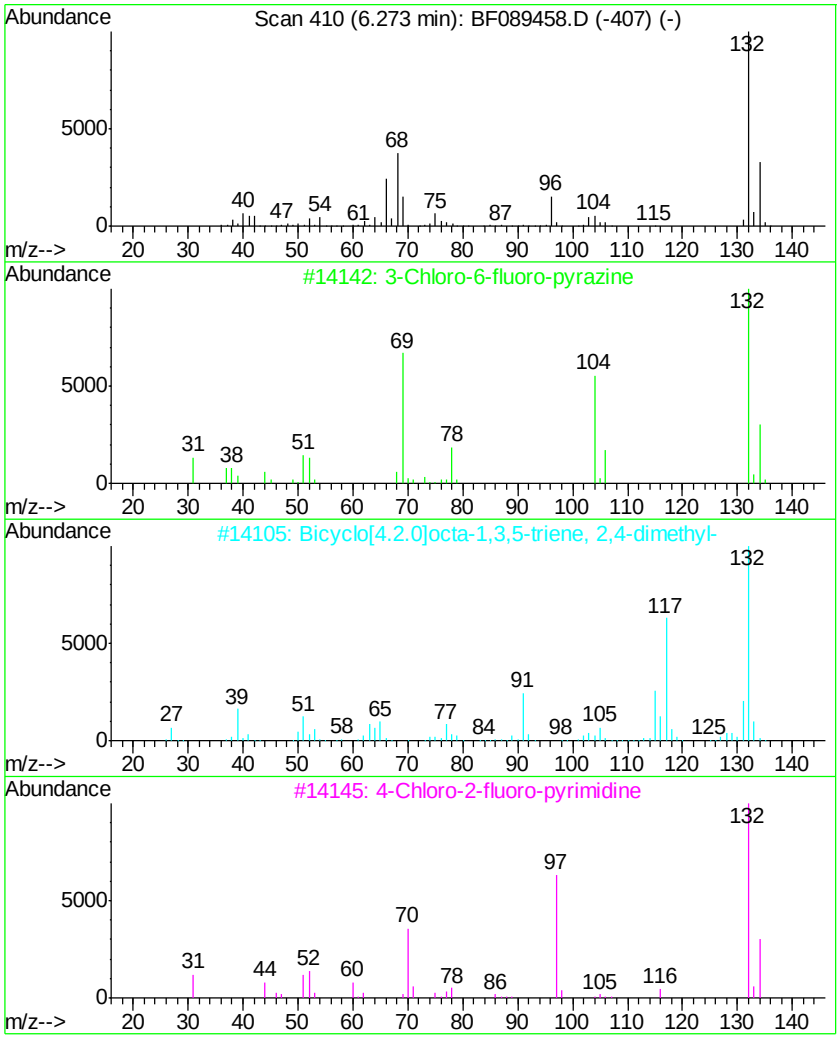
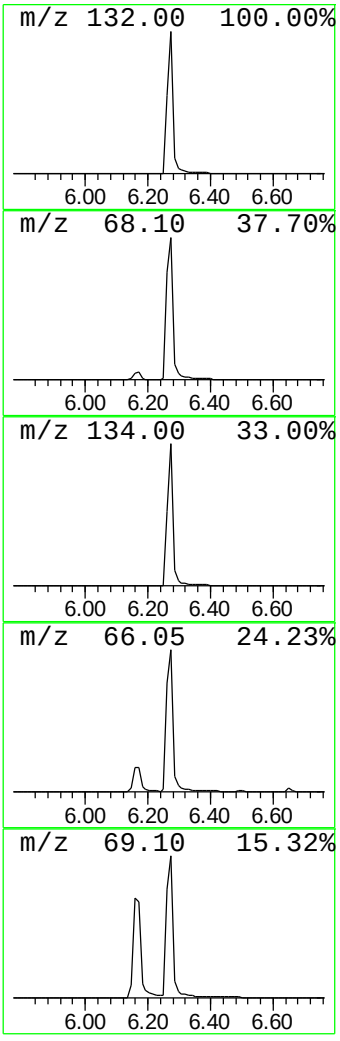
Peak Number 3 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	120.15 ng	1584060	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	35
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089458.D
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Sample : H4284-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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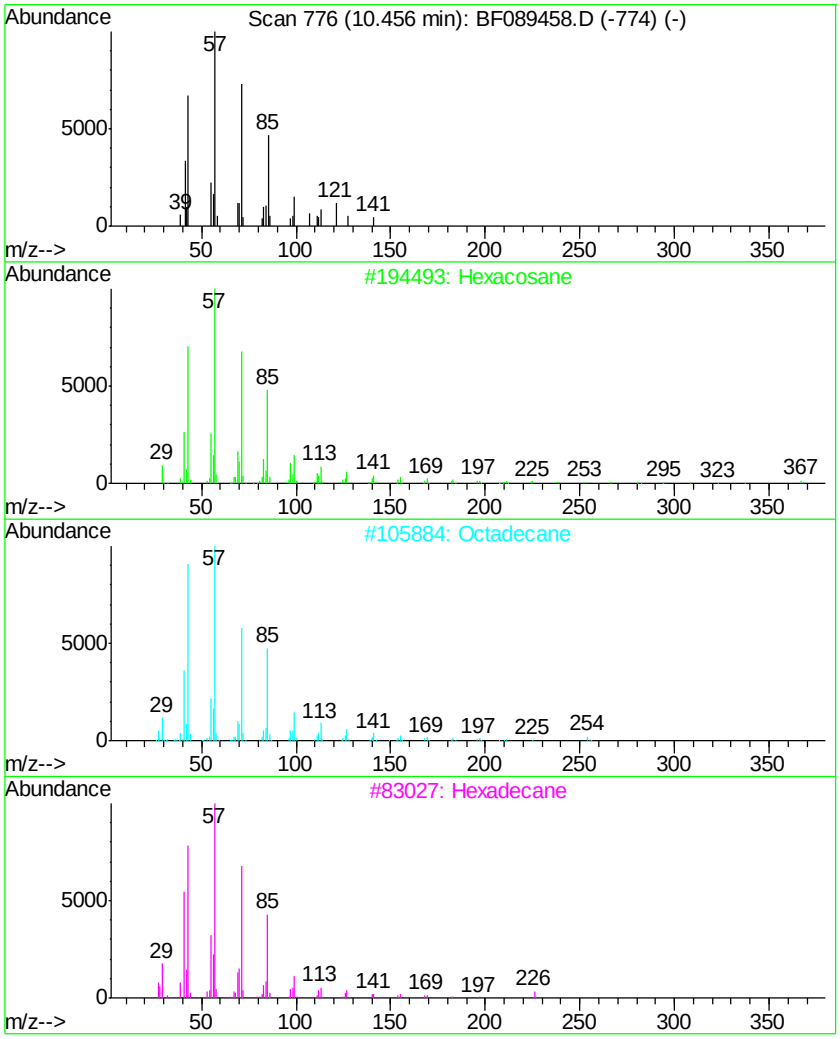
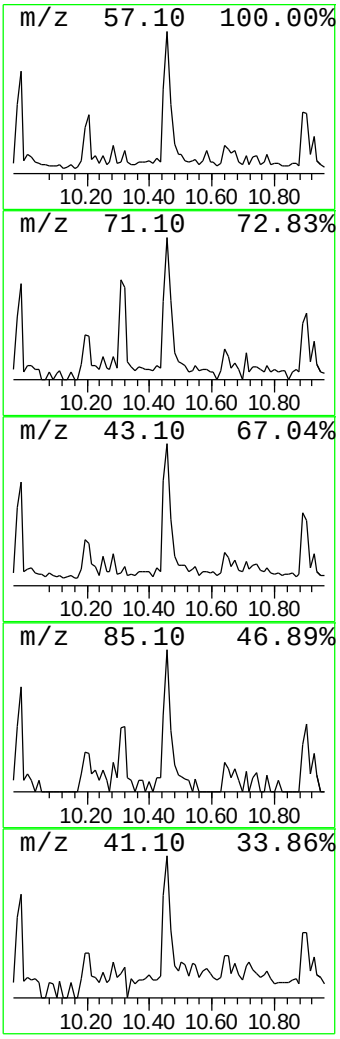
****

Peak Number 5 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.59 ng	54168	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Octadecane	254	C18H38	000593-45-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tritetracontane	605	C43H88	007098-21-7	86
5	Pentadecane	212	C15H32	000629-62-9	86





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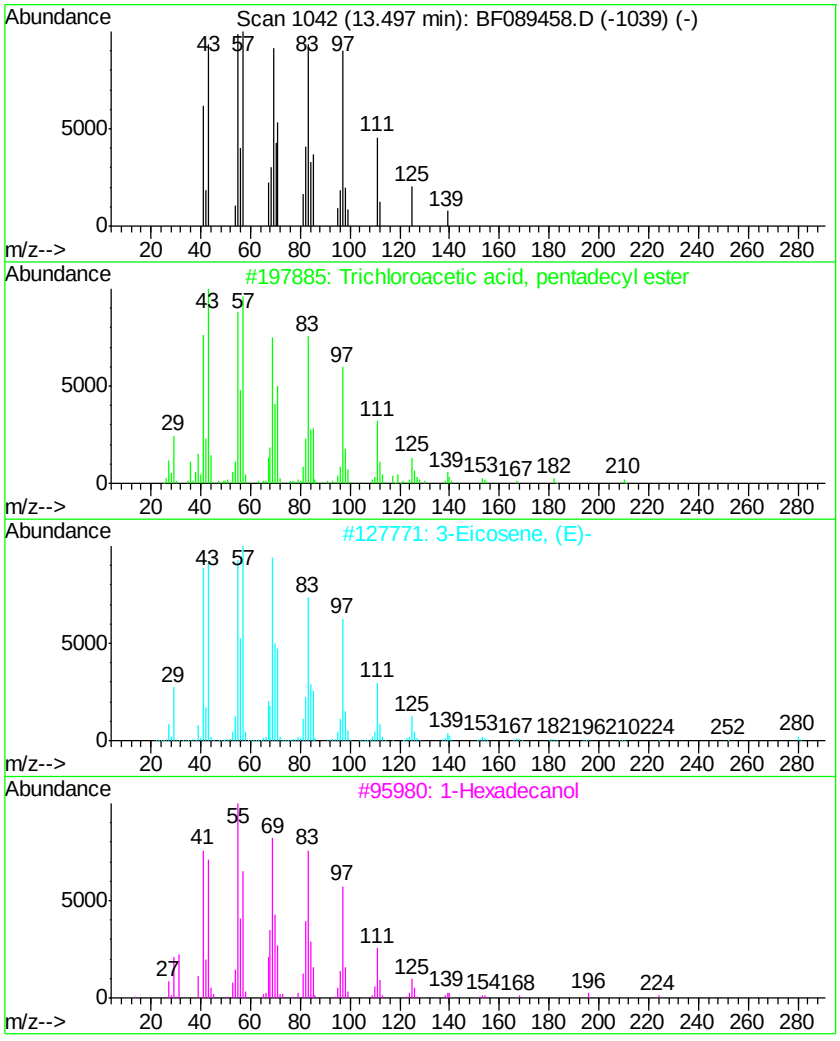
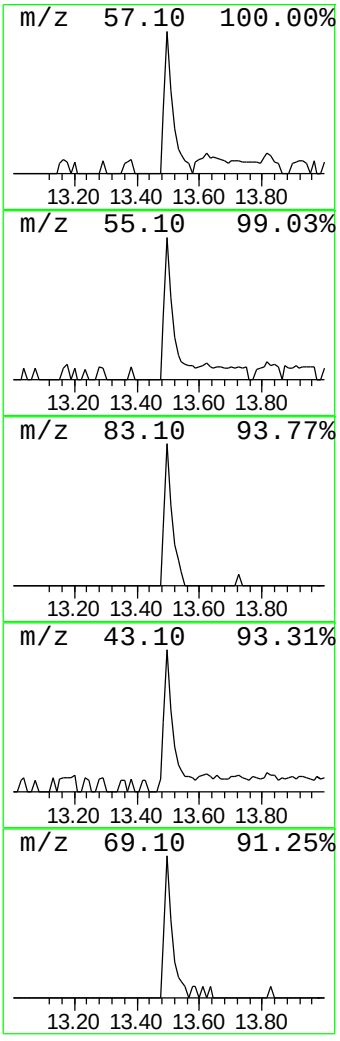
****

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	5.18 ng	79702	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	1-Docosene	308	C22H44	001599-67-3	81
5	1-Hexacosanol	382	C26H54O	000506-52-5	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	31.1	ng	410530	1	6.50	263686	20.0
unknown6.27	6.27	120.2	ng	1584060	1	6.50	263686	20.0
Hexacosane	10.46	2.6	ng	54168	4	11.00	418819	20.0
Trichloroacetic a...	13.50	5.2	ng	79702	5	13.62	307621	20.0