LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090144.D
Acq On : 20 Sep 2016 20:01
Operator : UM/SJ
Sample : H4854-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-A2

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-BF092016.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	1.678	6	8	69	rVB	3314540	11193865	100.00%	26.484%
2	4.616	263	265	278	rBV	380737	595141	5.32%	1.408%
3	5.084	303	306	309	rBV	2600557	2858553	25.54%	6.763%
4	6.170	398	401	403	rBV	2763732	3010969	26.90%	7.124%
5	6.284	408	411	413	rBV	3097888	3190179	28.50%	7.548%
6	6.513	429	431	434	rBV	830133	896009	8.00%	2.120%
7	6.673	442	445	447	rBV	2610894	2513762	22.46%	5.947%
8	7.084	478	481	484	rBV	1572299	1871357	16.72%	4.428%
9	7.804	541	544	546	rBV	1336524	1242923	11.10%	2.941%
10	8.890	635	639	641	rBV	3432348	3833646	34.25%	9.070%
11	9.290	671	674	676	rBV	1195826	1185598	10.59%	2.805%
12	9.553	694	697	699	rBV	1084096	1461248	13.05%	3.457%
13	10.330	762	765	768	rBV	1774970	1841986	16.46%	4.358%
14	11.016	822	825	828	rBV	1372477	1261705	11.27%	2.985%
15	12.605	961	964	966	rBV	2954357	3199604	28.58%	7.570%
16	13.519	1042	1044	1051	rBV	99423	159295	1.42%	0.377%
17	13.622	1051	1053	1062	rBV	844817	1130804	10.10%	2.675%
18	14.948	1166	1169	1172	rBV	614786	819477	7.32%	1.939%

Sum of corrected areas: 42266121

LSC Report - Integrated Chromatogram

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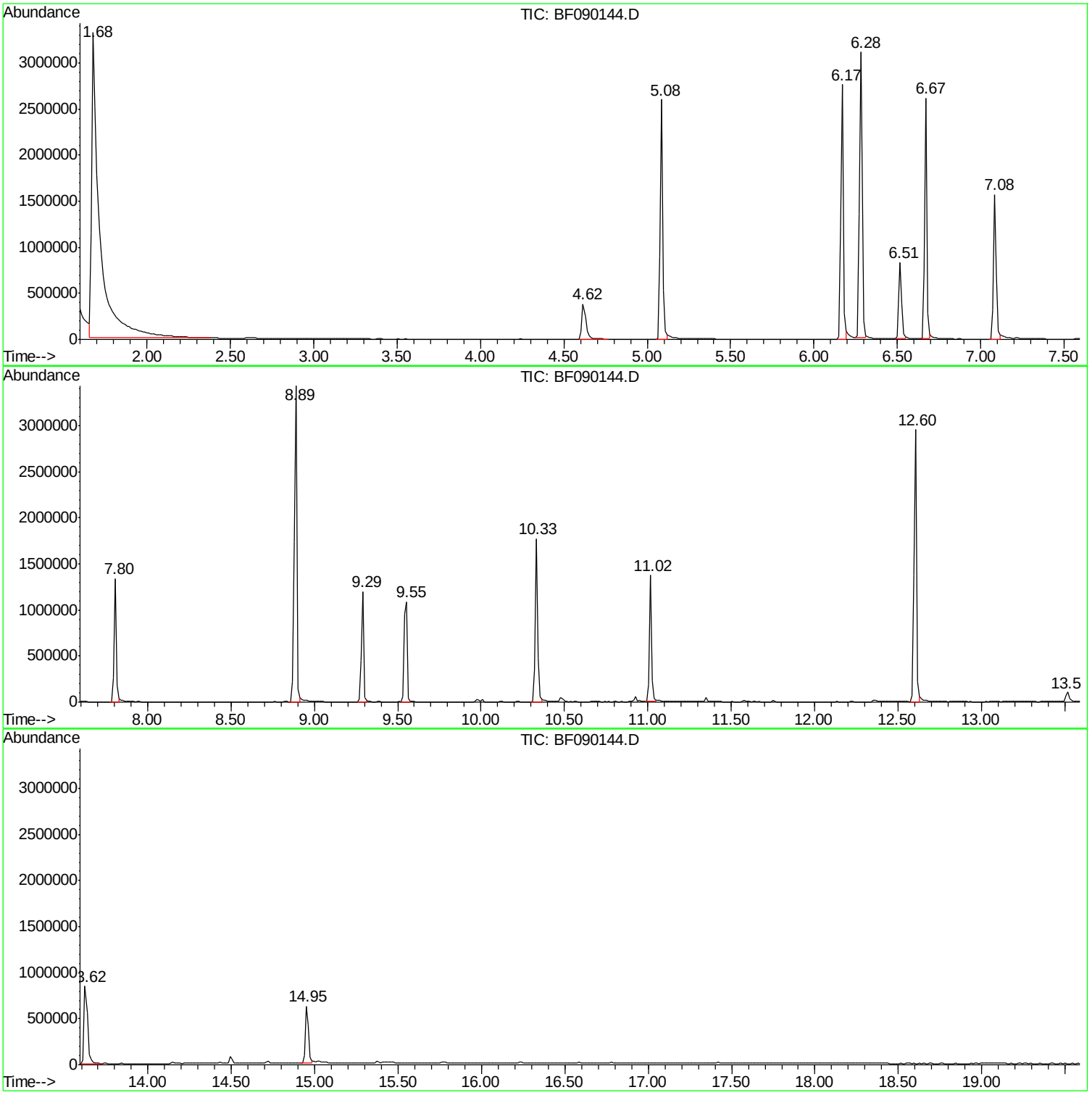
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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Sample : H4854-03
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-A2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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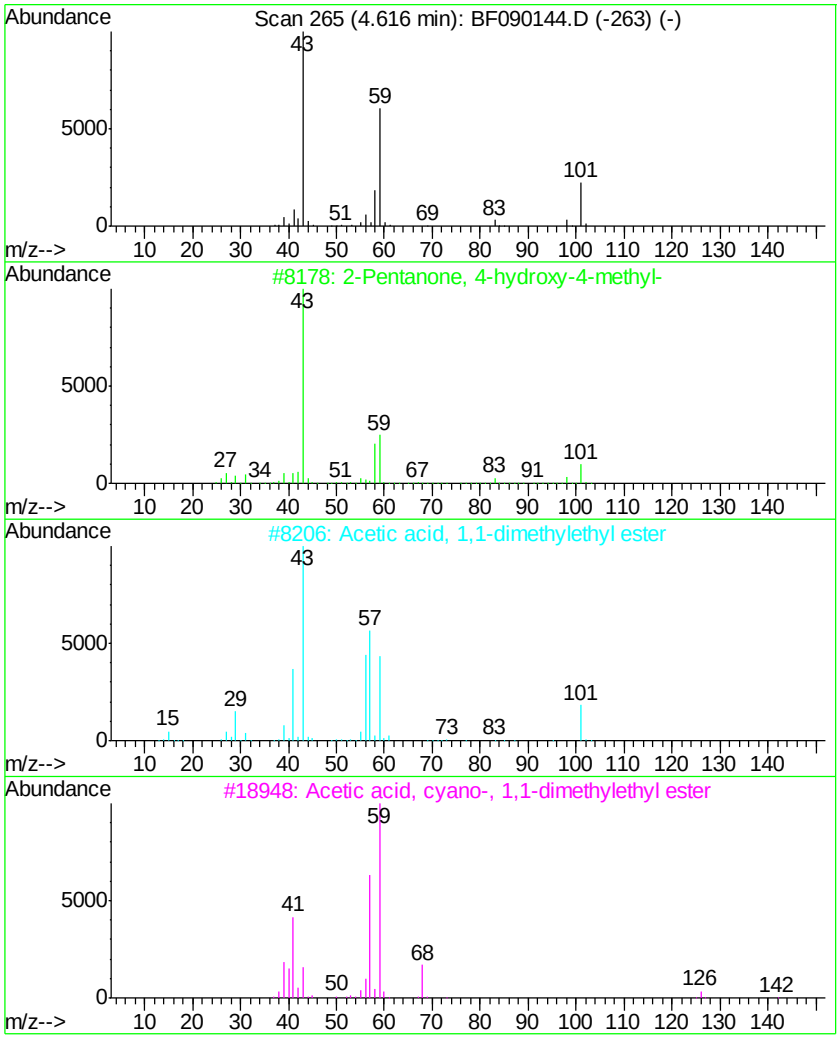
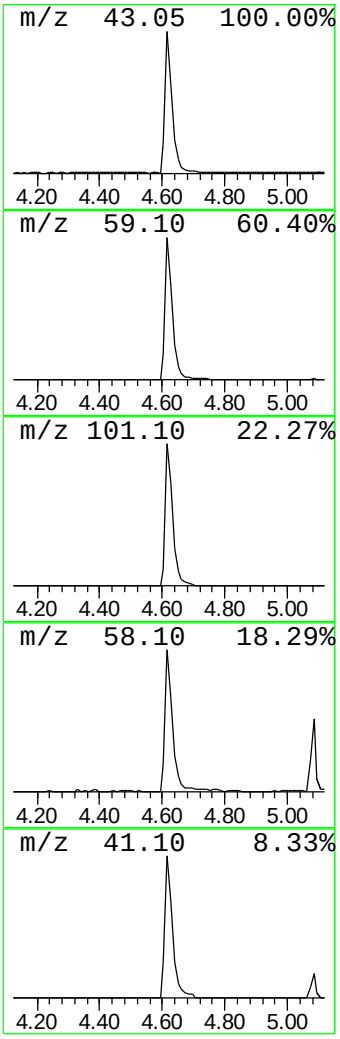
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	13.28 ng	595141	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-A2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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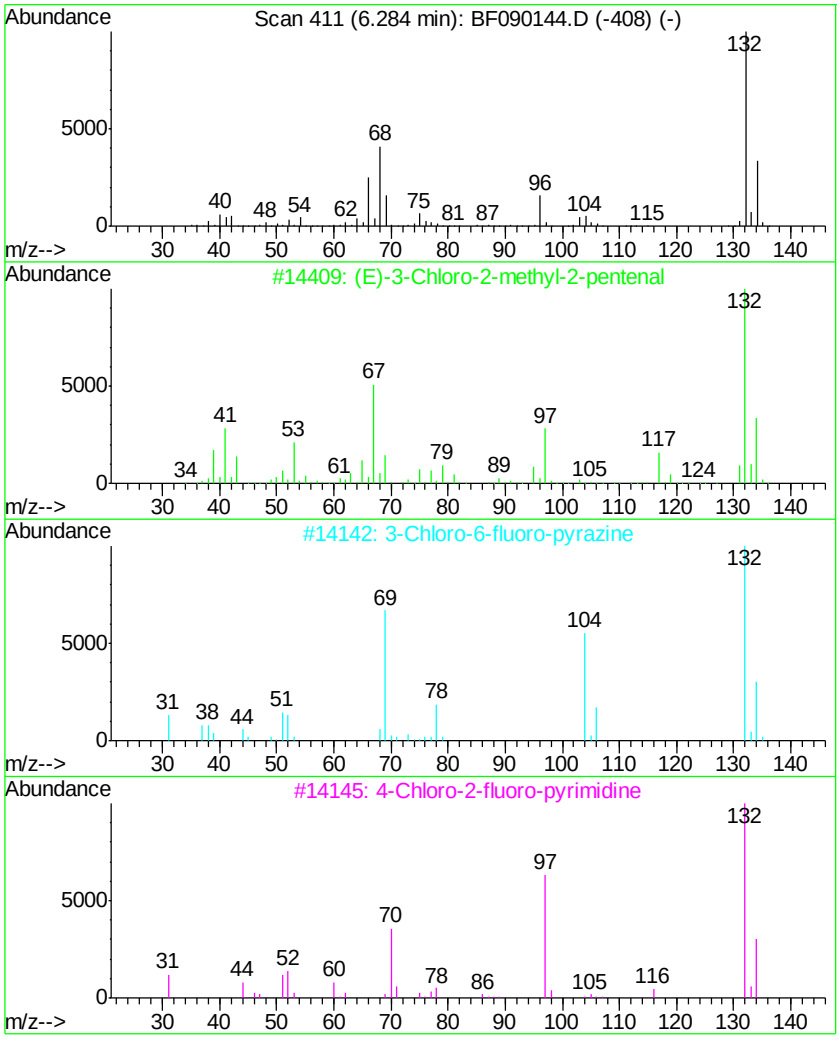
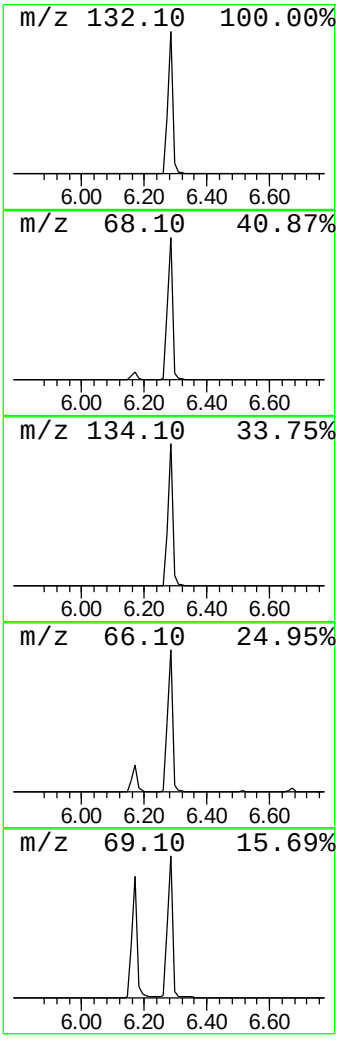
Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	71.21 ng	3190180	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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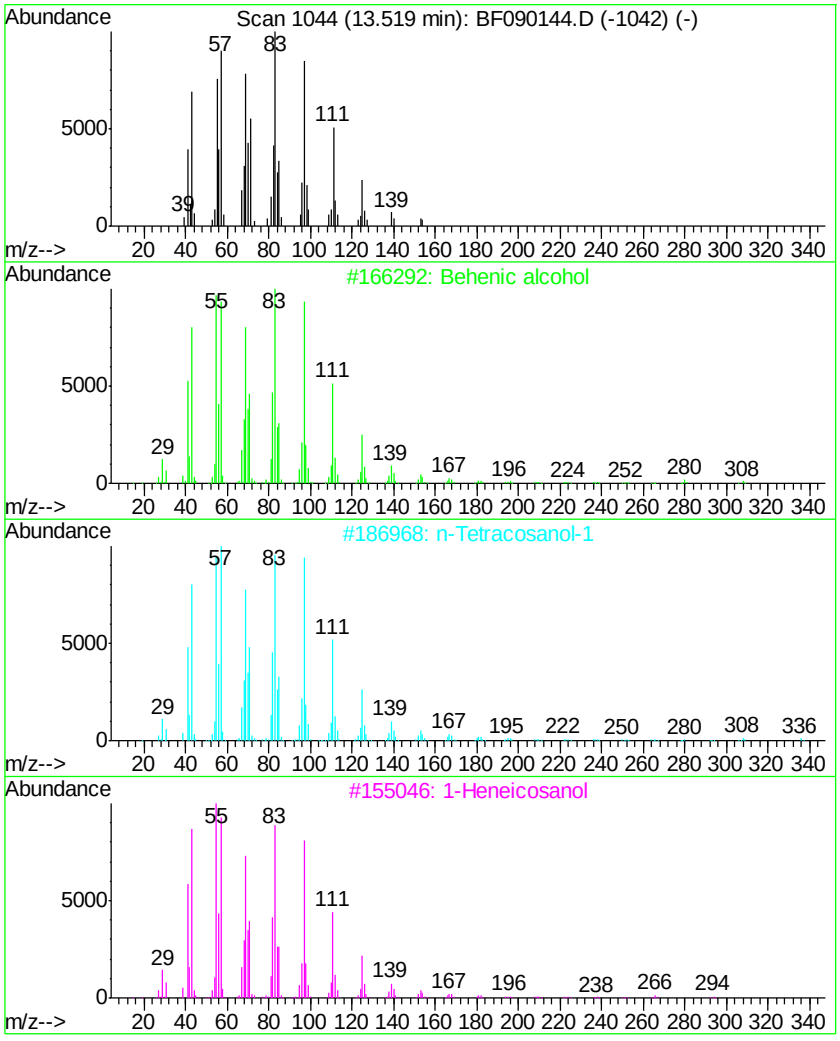
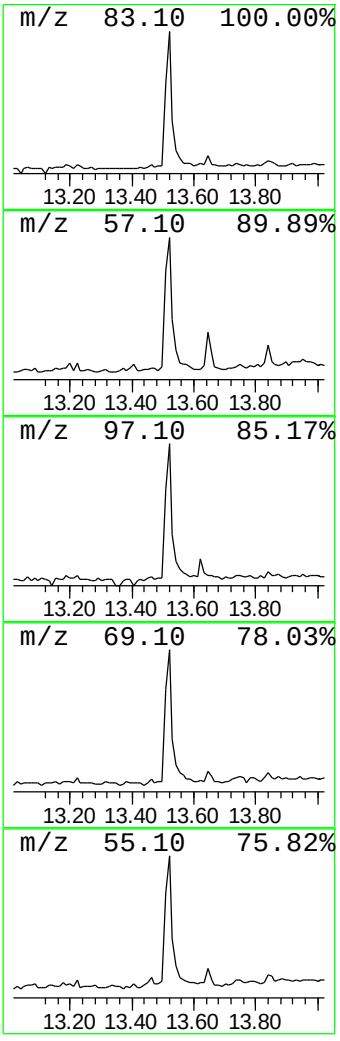
Peak Number 5 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.82 ng	159295	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	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...	4.62	13.3	ng	595141	1	6.51	896009	20.0
unknown6.28	6.28	71.2	ng	3190180	1	6.51	896009	20.0
Behenic alcohol	13.52	2.8	ng	159295	5	13.62	1130800	20.0