LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
Data File : BF089554.D
Acq On : 2 Aug 2016 18:41
Operator : UM/SJ
Sample : H4269-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-16.0-17.0

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	36	rVB	670425	1376757	99.24%	10.955%
2	4.558	258	260	271	rBV	250512	457575	32.98%	3.641%
3	5.039	300	302	335	rBV	927437	1182618	85.25%	9.410%
4	5.450	337	338	344	rVB	16943	21763	1.57%	0.173%
5	6.136	396	398	405	rBV	1096995	1296981	93.49%	10.320%
6	6.239	405	407	421	rVB	1323911	1387261	100.00%	11.039%
7	6.467	426	427	439	rBV	214227	249012	17.95%	1.981%
8	6.627	439	441	443	rBV	813186	909432	65.56%	7.236%
9	7.050	476	478	489	rBV	561419	822954	59.32%	6.548%
10	7.759	538	540	542	rBV	295294	309775	22.33%	2.465%
11	8.833	632	634	637	rBV	1117642	1235166	89.04%	9.828%
12	9.233	667	669	672	rBV	192195	208230	15.01%	1.657%
13	9.496	690	692	695	rBV	417819	371409	26.77%	2.955%
14	9.953	730	732	734	rVB	27089	21989	1.59%	0.175%
15	10.170	748	751	754	rBV	9529	15039	1.08%	0.120%
16	10.285	759	761	770	rVV	773277	795089	57.31%	6.327%
17	10.422	771	773	779	rVB	35370	46123	3.32%	0.367%
18	10.868	810	812	813	rBV	18747	16928	1.22%	0.135%
19	10.971	819	821	826	rBV	297645	307298	22.15%	2.445%
20	12.548	957	959	962	rBV	915741	1044831	75.32%	8.314%
21	13.474	1038	1040	1046	rBB2	22264	37087	2.67%	0.295%
22	13.588	1048	1050	1058	rBV	216625	235674	16.99%	1.875%
23	14.914	1163	1166	1172	rBV	192072	218380	15.74%	1.738%

Sum of corrected areas: 12567371

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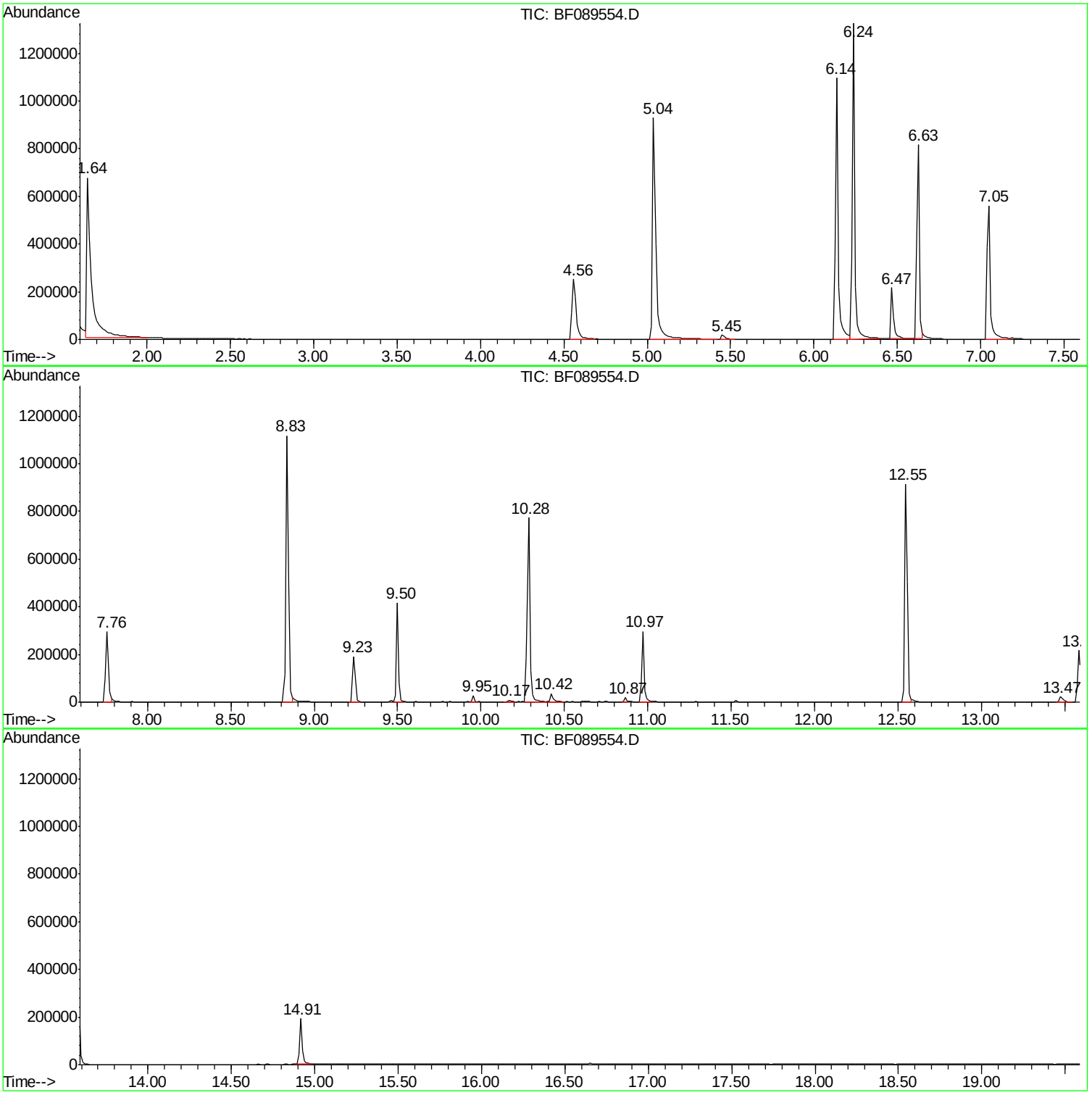
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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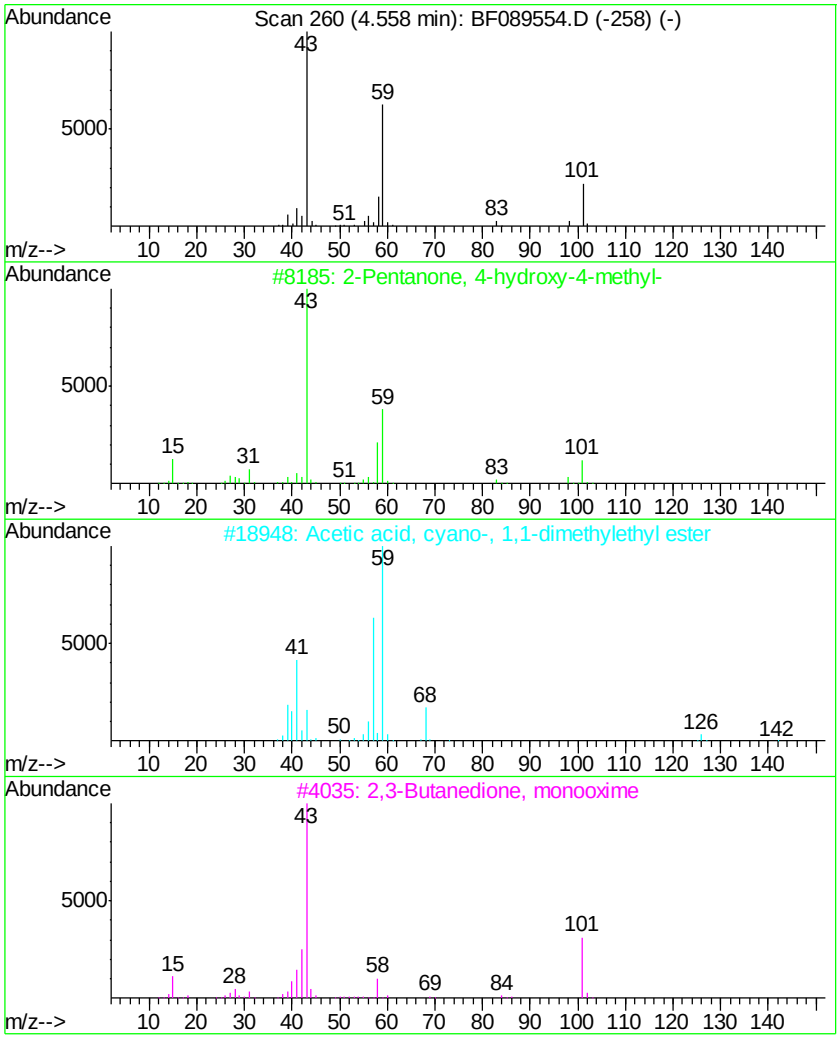
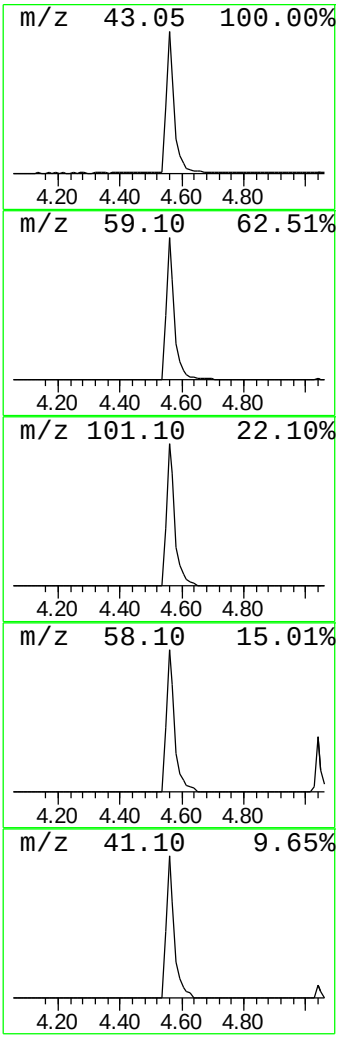
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	36.75 ng	457575	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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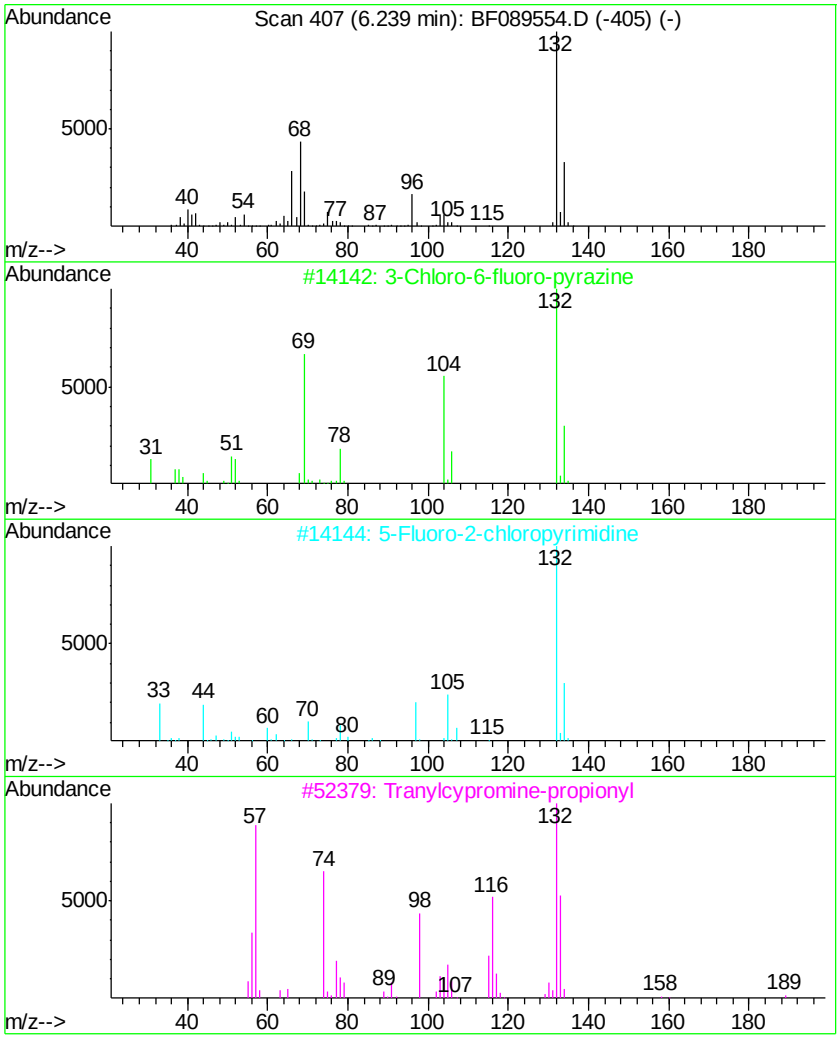
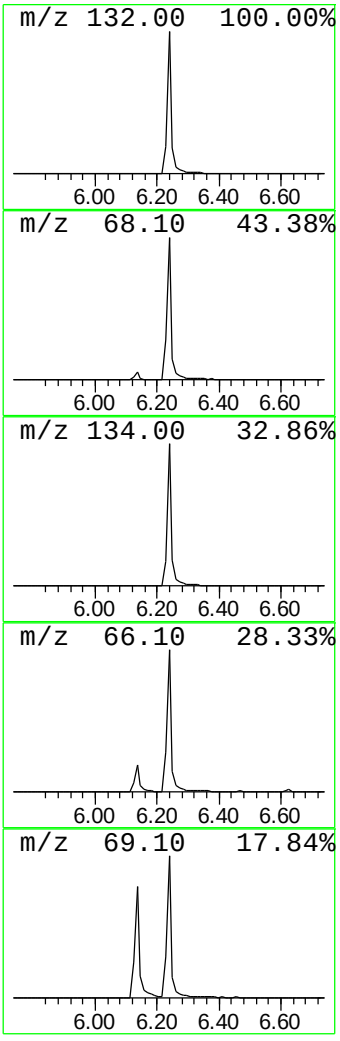
Peak Number 3 unknown6.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	111.42 ng	1387260	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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Instrument : BNA_F
ClientSampleId : SB-54-16.0-17.0

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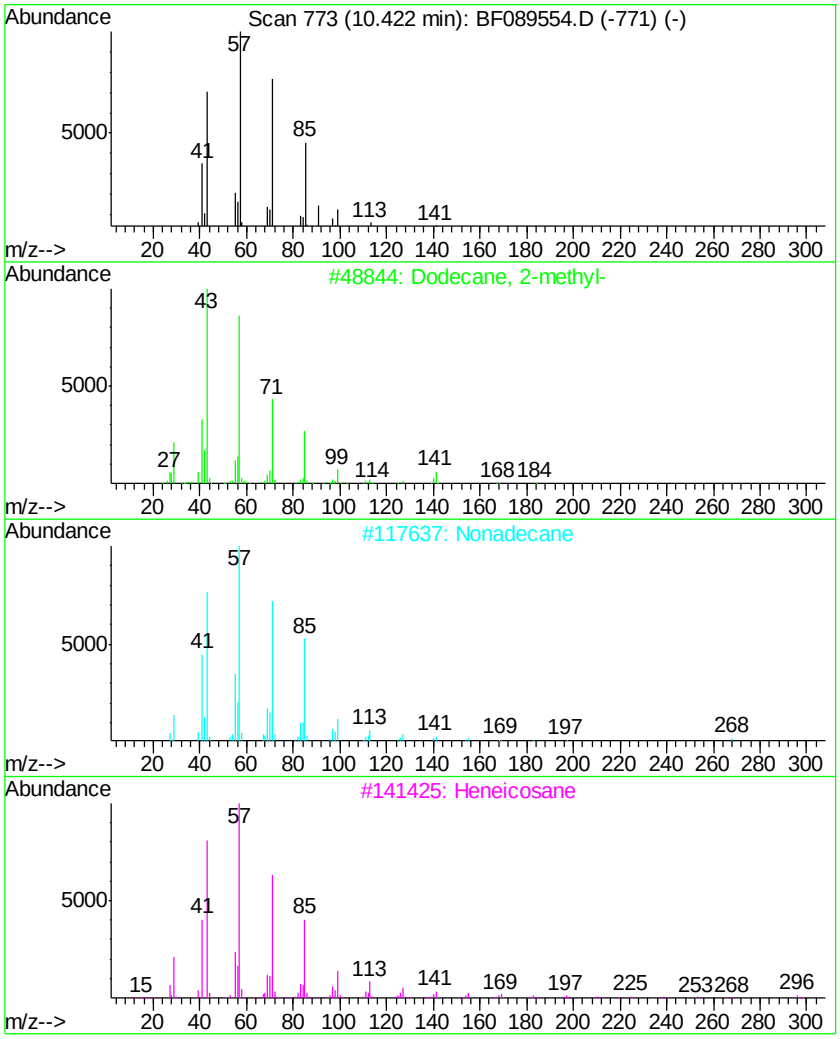
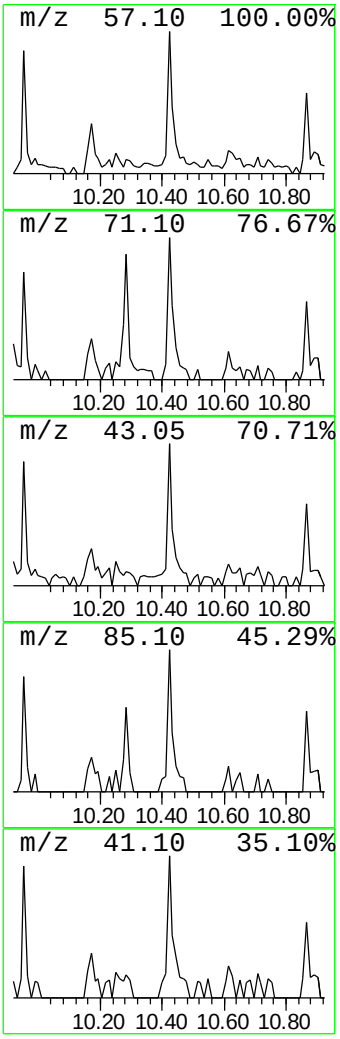
Peak Number 5 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.00 ng	46123	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Octacosane	394	C28H58	000630-02-4	86





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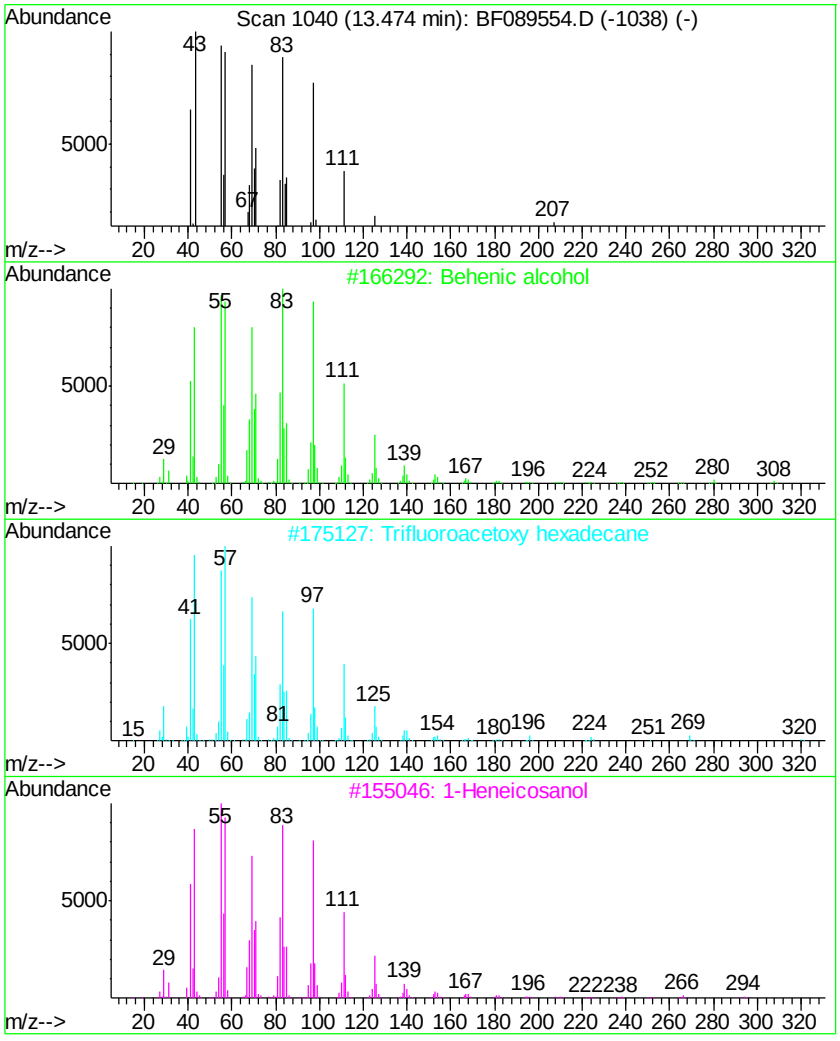
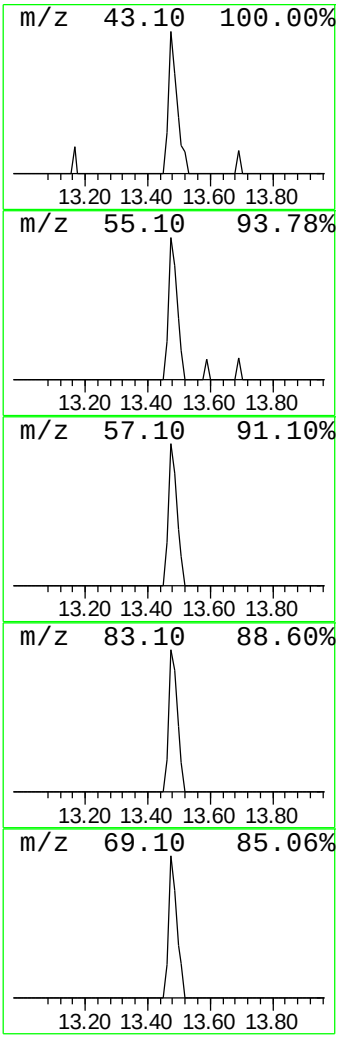
Peak Number 6 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.15 ng	37087	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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	36.8	ng	457575	1	6.47	249012	20.0
unknown6.24	6.24	111.4	ng	1387260	1	6.47	249012	20.0
Dodecane, 2-methyl-	10.42	3.0	ng	46123	4	10.97	307298	20.0
Behenic alcohol	13.47	3.1	ng	37087	5	13.59	235674	20.0