LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089457.D
Acq On : 30 Jul 2016 17:15
Operator : UM/SJ
Sample : H4284-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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	5	7	34	rVB	496034	1026197	63.87%	7.636%
2	4.604	261	264	273	rBV	210501	382500	23.81%	2.846%
3	5.073	303	305	324	rBV	1001564	1312398	81.68%	9.766%
4	6.159	398	400	408	rBV	910835	1348153	83.91%	10.032%
5	6.273	408	410	412	rBV	1173195	1451954	90.37%	10.805%
6	6.502	428	430	441	rVB	206051	236876	14.74%	1.763%
7	6.650	441	443	446	rBV	928214	1035116	64.43%	7.703%
8	7.073	478	480	491	rBV	728117	893416	55.61%	6.648%
9	7.782	540	542	554	rBV	299822	354788	22.08%	2.640%
10	8.868	634	637	639	rBV	1656623	1606695	100.00%	11.956%
11	9.268	670	672	674	rBV	288672	251504	15.65%	1.872%
12	9.530	693	695	697	rBV	405150	405333	25.23%	3.016%
13	9.988	728	735	736	rBV2	24402	33864	2.11%	0.252%
14	10.205	751	754	757	rBV	10263	21323	1.33%	0.159%
15	10.319	761	764	766	rBV	576834	805046	50.11%	5.991%
16	10.456	774	776	780	rBV	34978	48818	3.04%	0.363%
17	10.891	812	814	816	rBV	14009	21068	1.31%	0.157%
18	10.993	821	823	826	rBV	281116	389150	24.22%	2.896%
19	11.554	871	872	877	rBB	16768	19137	1.19%	0.142%
20	12.582	959	962	976	rBV	1237018	1204204	74.95%	8.961%
21	13.497	1040	1042	1050	rBV	51998	85813	5.34%	0.639%
22	13.611	1050	1052	1061	rBV	190165	273124	17.00%	2.032%
23	14.948	1166	1169	1176	rBV	173425	213677	13.30%	1.590%
24	15.394	1205	1208	1210	rBV	8782	18207	1.13%	0.135%

Sum of corrected areas: 13438361

LSC Report - Integrated Chromatogram

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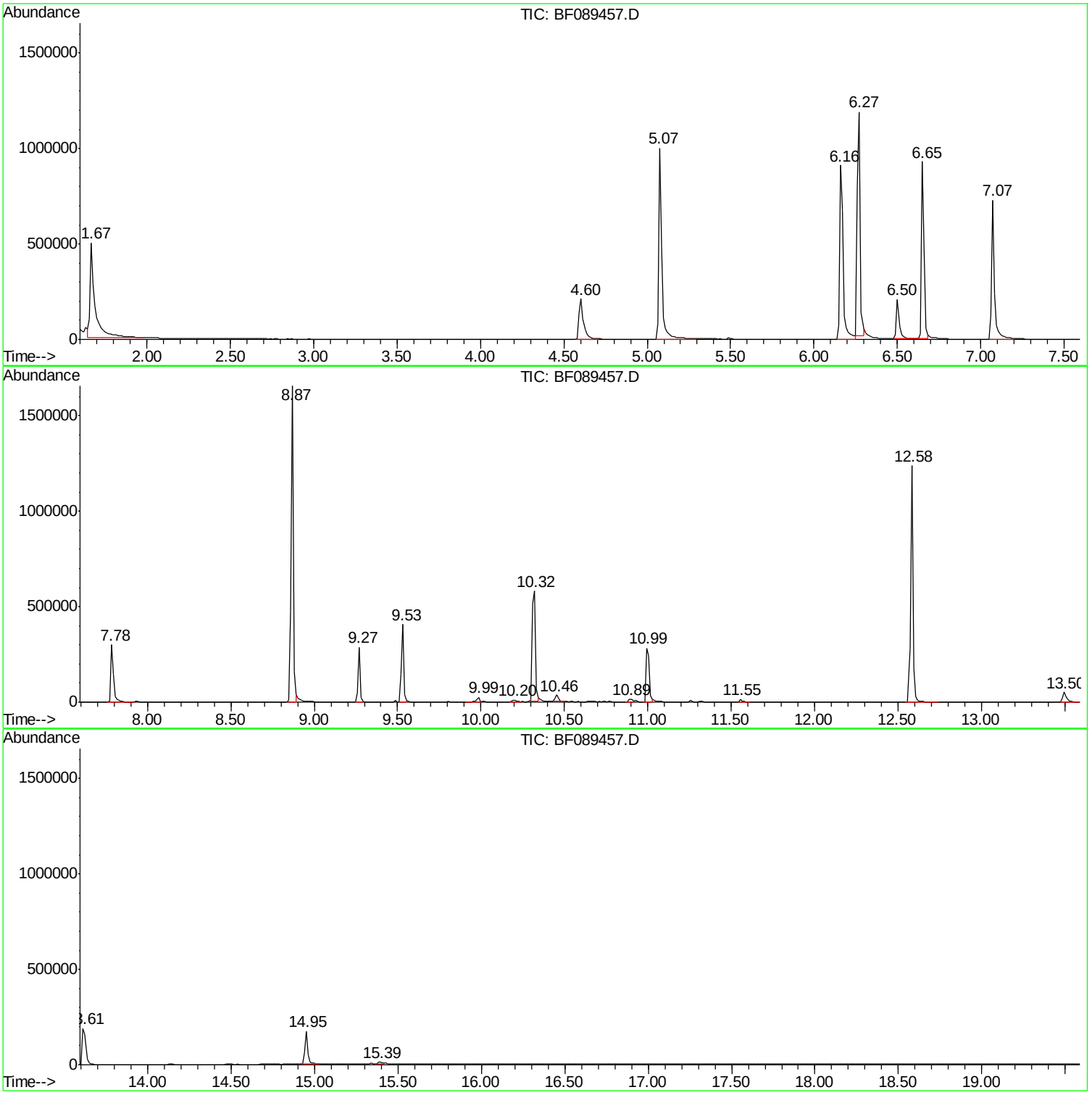
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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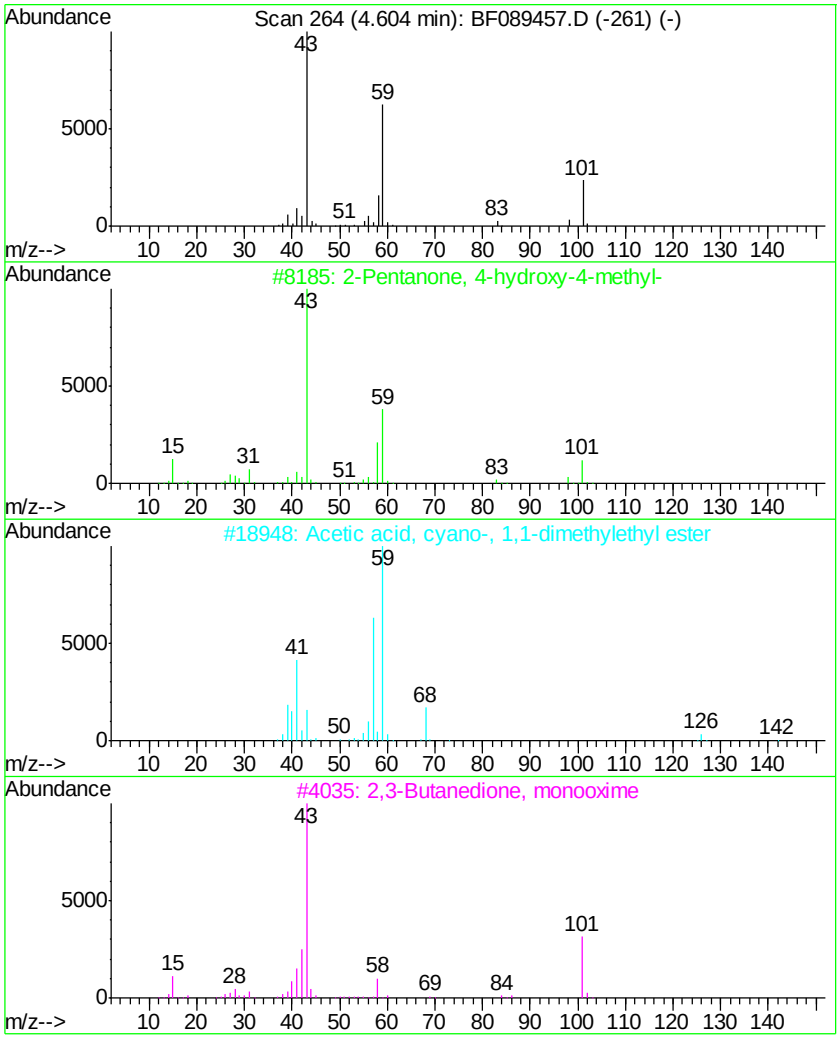
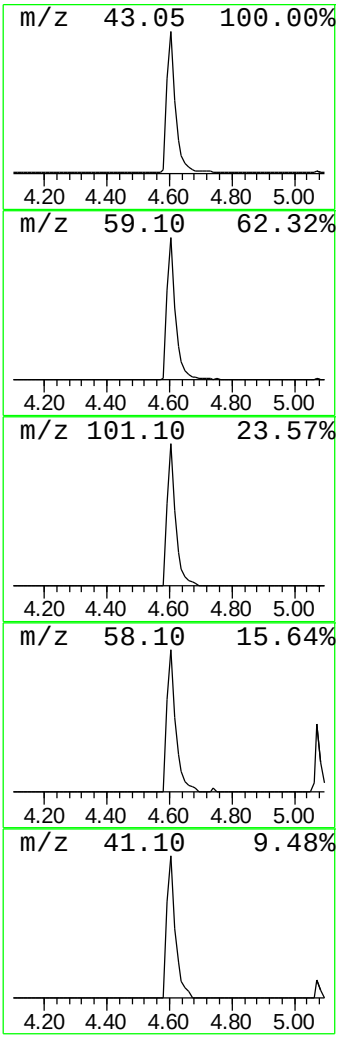
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	32.30 ng	382500	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
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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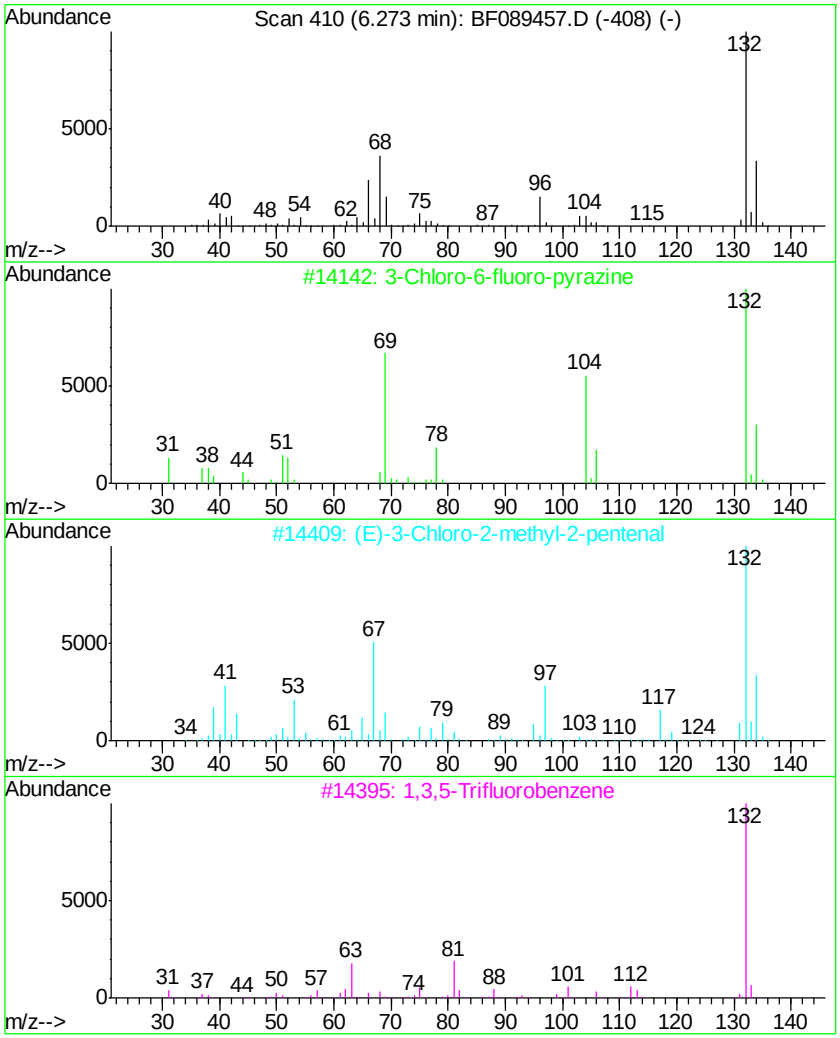
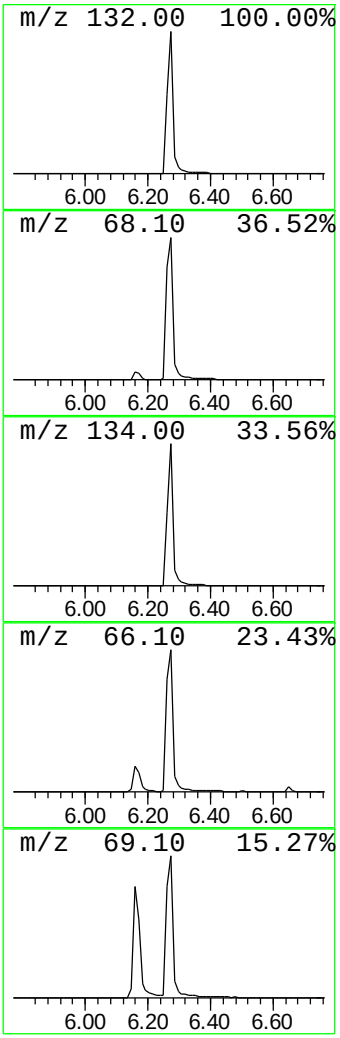
Peak Number 3 unknown6.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	122.59 ng	1451950	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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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ClientSampleId : AB-SLOPE(0-4)D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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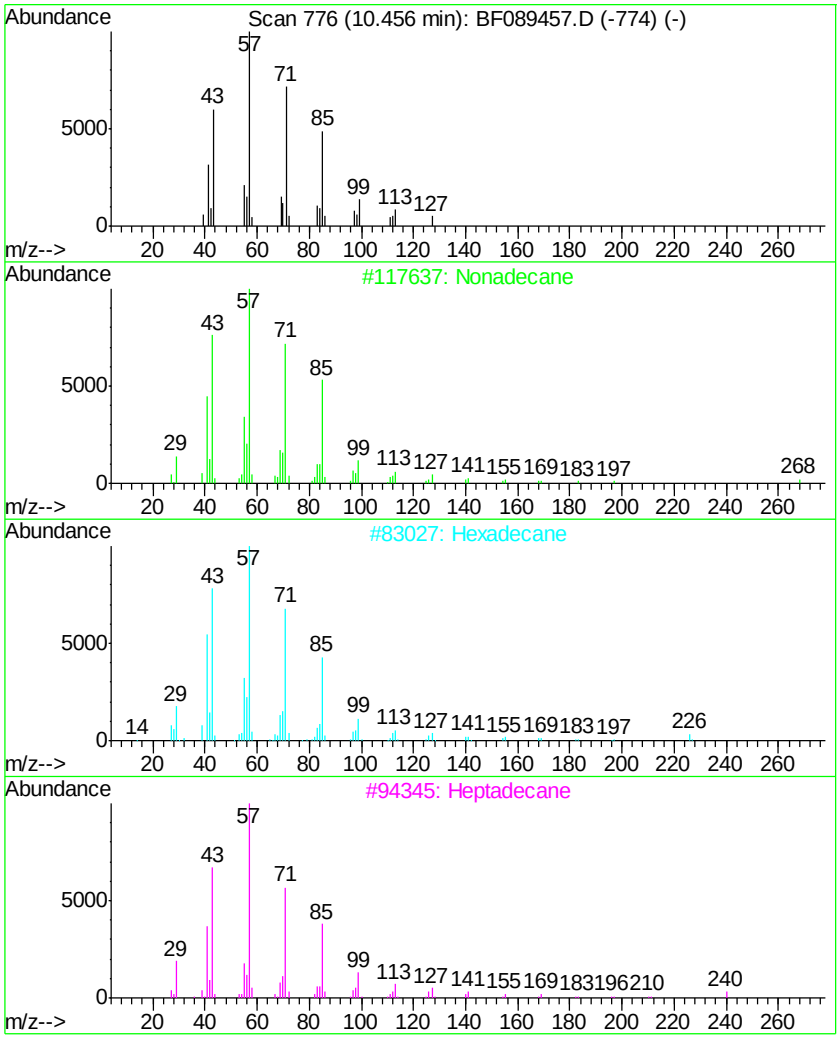
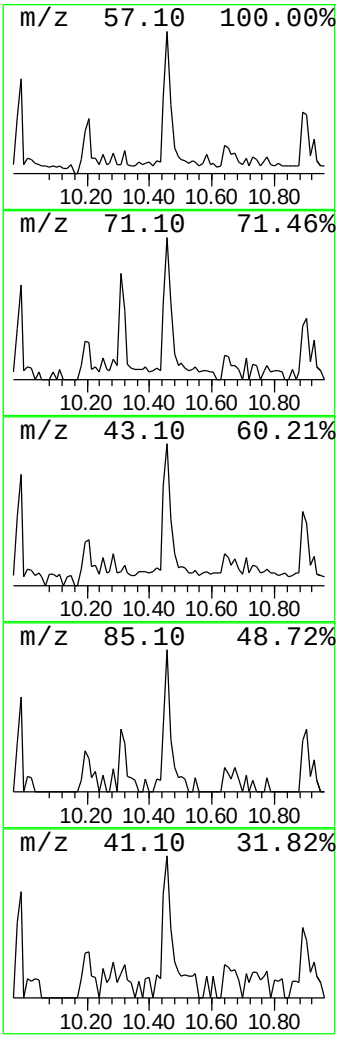
Peak Number 5 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.51 ng	48818	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80





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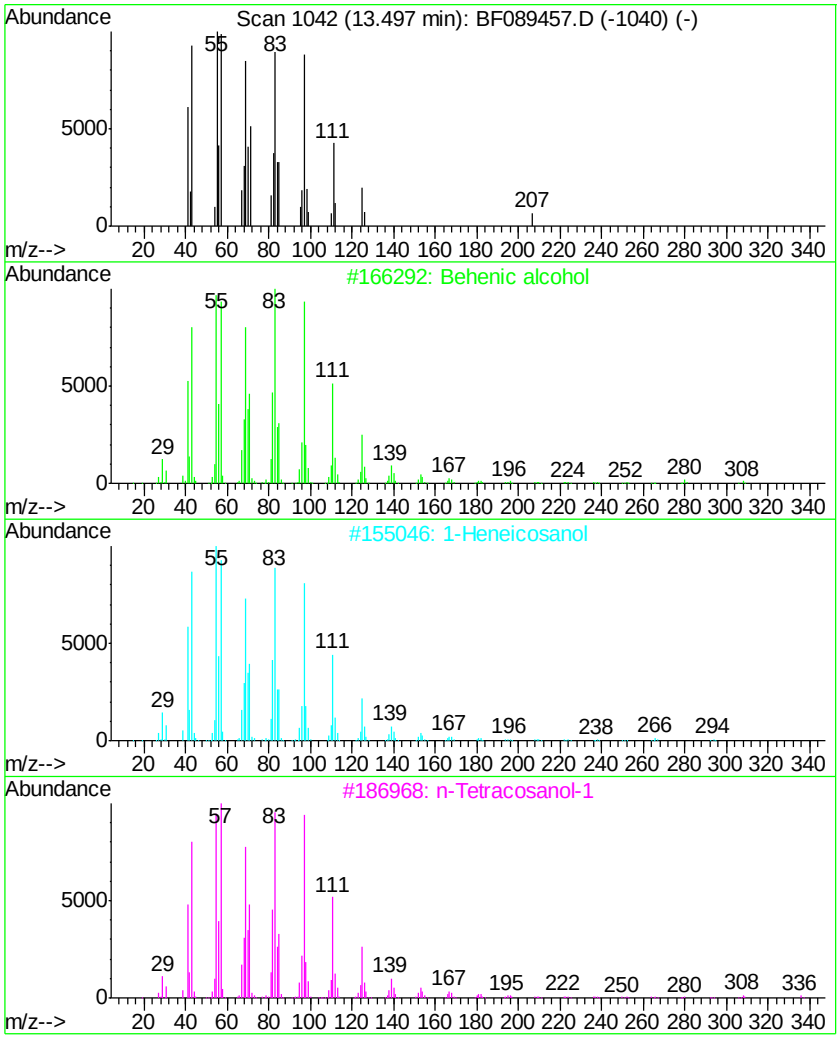
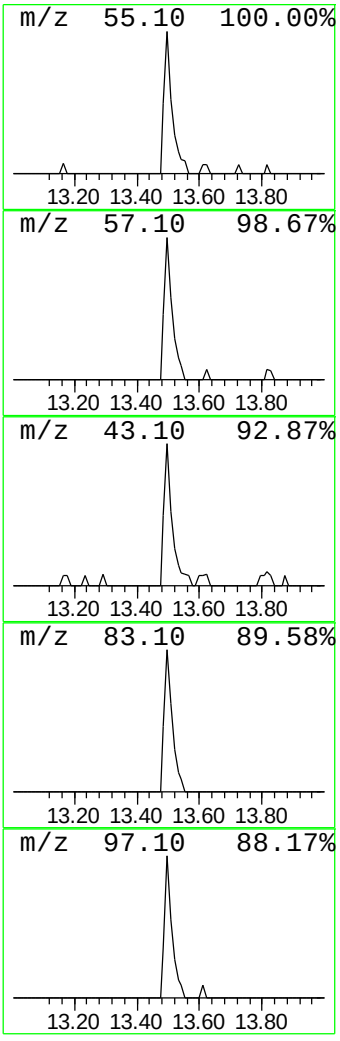
Peak Number 6 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	6.28 ng	85813	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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...	4.60	32.3	ng	382500	1	6.50	236876	20.0
unknown6.27	6.27	122.6	ng	1451950	1	6.50	236876	20.0
Nonadecane	10.46	2.5	ng	48818	4	10.99	389150	20.0
Behenic alcohol	13.50	6.3	ng	85813	5	13.62	273124	20.0