LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089463.D
Acq On : 30 Jul 2016 20:16
Operator : UM/SJ
Sample : H4284-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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	42	rVB	993679	2188572	100.00%	14.740%
2	3.061	124	129	143	rBV	900831	1747795	79.86%	11.772%
3	4.604	261	264	279	rVB	179289	352078	16.09%	2.371%
4	5.073	303	305	321	rBV	991331	1211991	55.38%	8.163%
5	6.159	398	400	408	rBV	893781	1217146	55.61%	8.198%
6	6.273	408	410	412	rBV	932394	1293904	59.12%	8.715%
7	6.502	428	430	441	rVB	190738	219424	10.03%	1.478%
8	6.650	441	443	446	rBV	858550	906458	41.42%	6.105%
9	7.073	478	480	491	rBV	687426	827490	37.81%	5.573%
10	7.782	540	542	554	rBV	264807	330492	15.10%	2.226%
11	8.867	634	637	639	rBV	1414309	1420041	64.88%	9.564%
12	9.268	670	672	674	rBV	209594	185913	8.49%	1.252%
13	9.530	693	695	697	rBV	364067	369641	16.89%	2.490%
14	9.988	728	735	736	rBV	24727	35261	1.61%	0.237%
15	10.319	761	764	766	rBV2	461123	679441	31.04%	4.576%
16	10.456	774	776	780	rBV	29420	40393	1.85%	0.272%
17	11.005	822	824	826	rBV	223638	338494	15.47%	2.280%
18	12.582	960	962	964	rBV	1083863	1036994	47.38%	6.984%
19	13.496	1040	1042	1048	rBB	24120	36466	1.67%	0.246%
20	13.611	1051	1052	1064	rBV	146769	216213	9.88%	1.456%
21	14.948	1167	1169	1178	rBV	160912	193336	8.83%	1.302%

Sum of corrected areas: 14847543

LSC Report - Integrated Chromatogram

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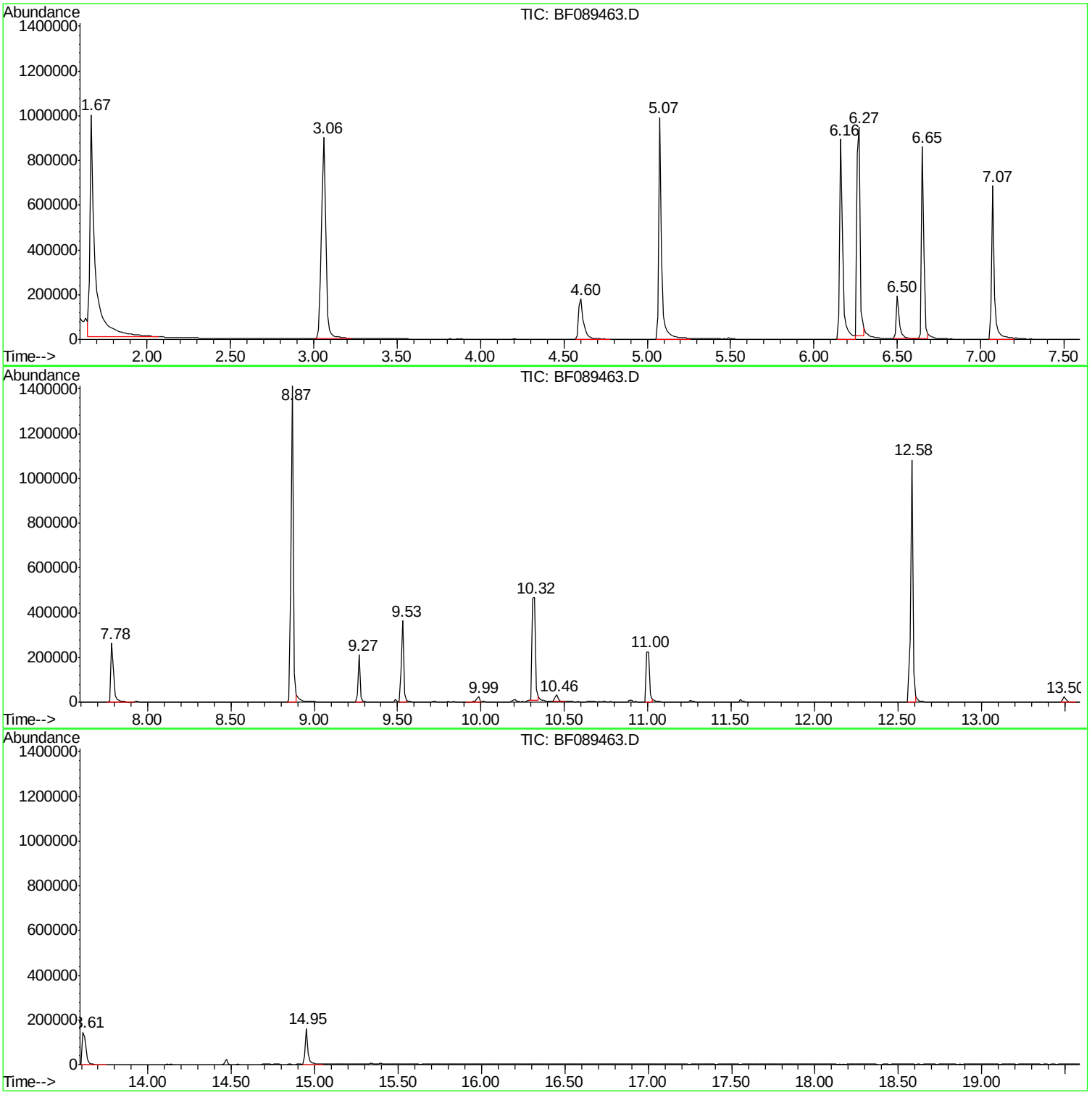
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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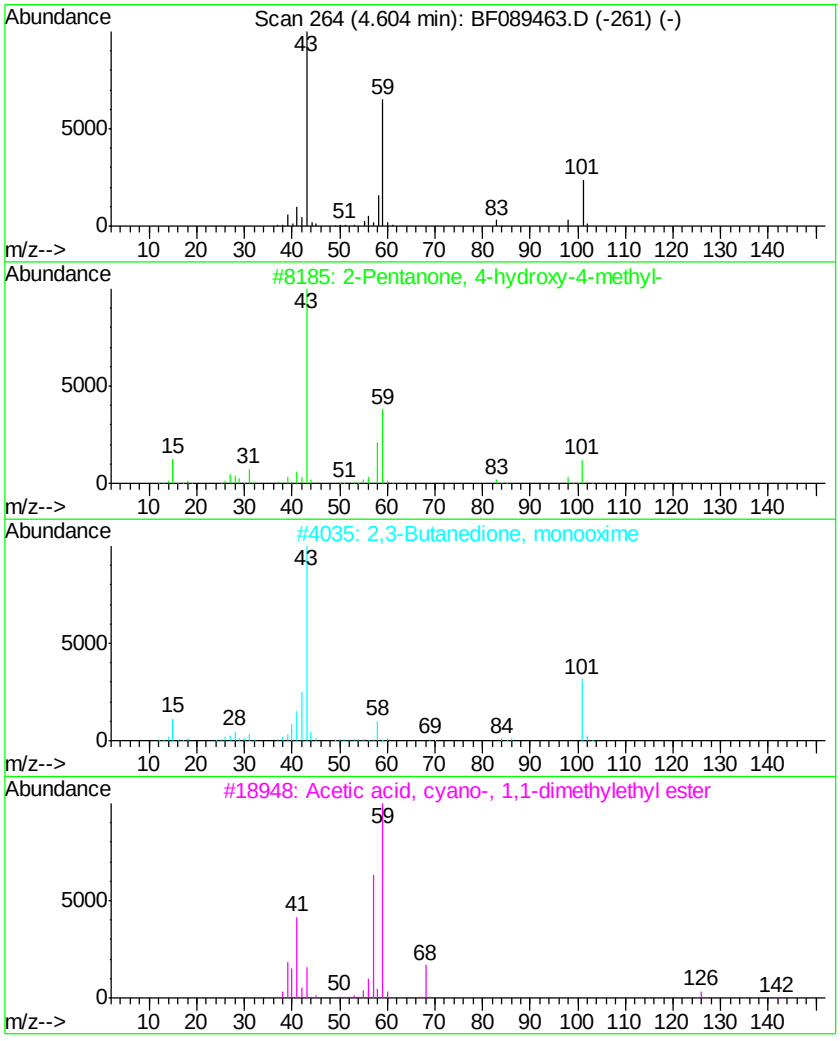
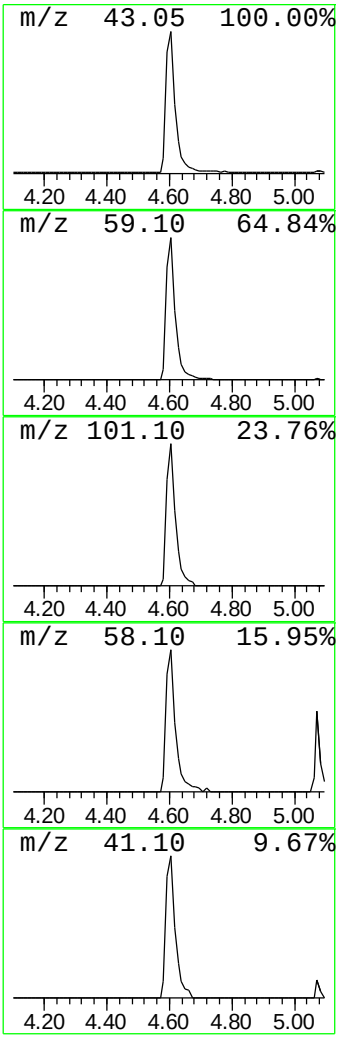
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	32.09 ng	352078	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	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	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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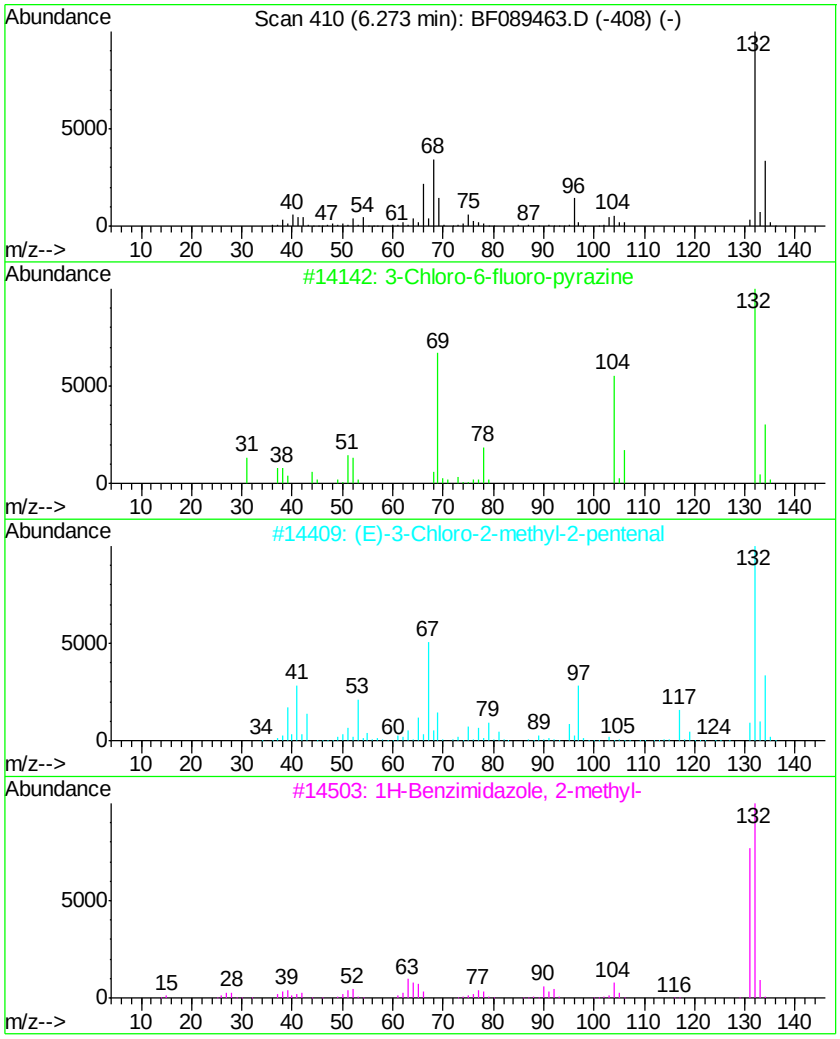
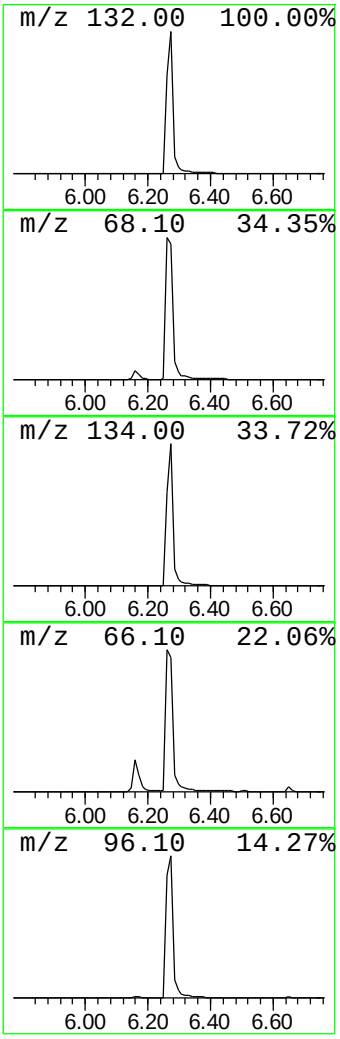
Peak Number 4 unknown6.27 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	117.94 ng	1293900	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ClientSampleId : AB-SLOPE(0-4)H

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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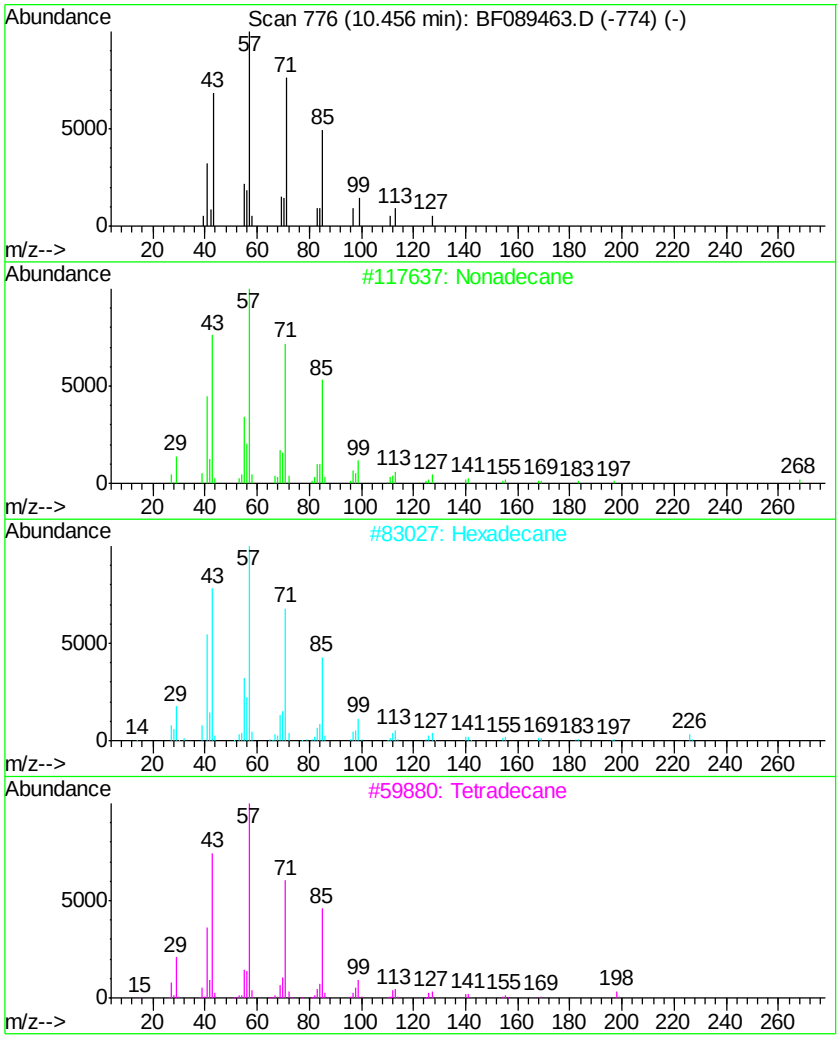
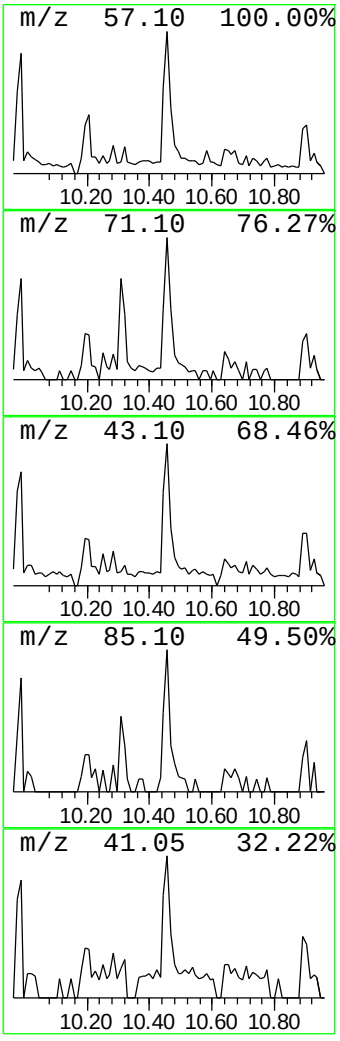
Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.39 ng	40393	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hexadecane	226	C16H34	000544-76-3	78
3	Tetradecane	198	C14H30	000629-59-4	72
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64





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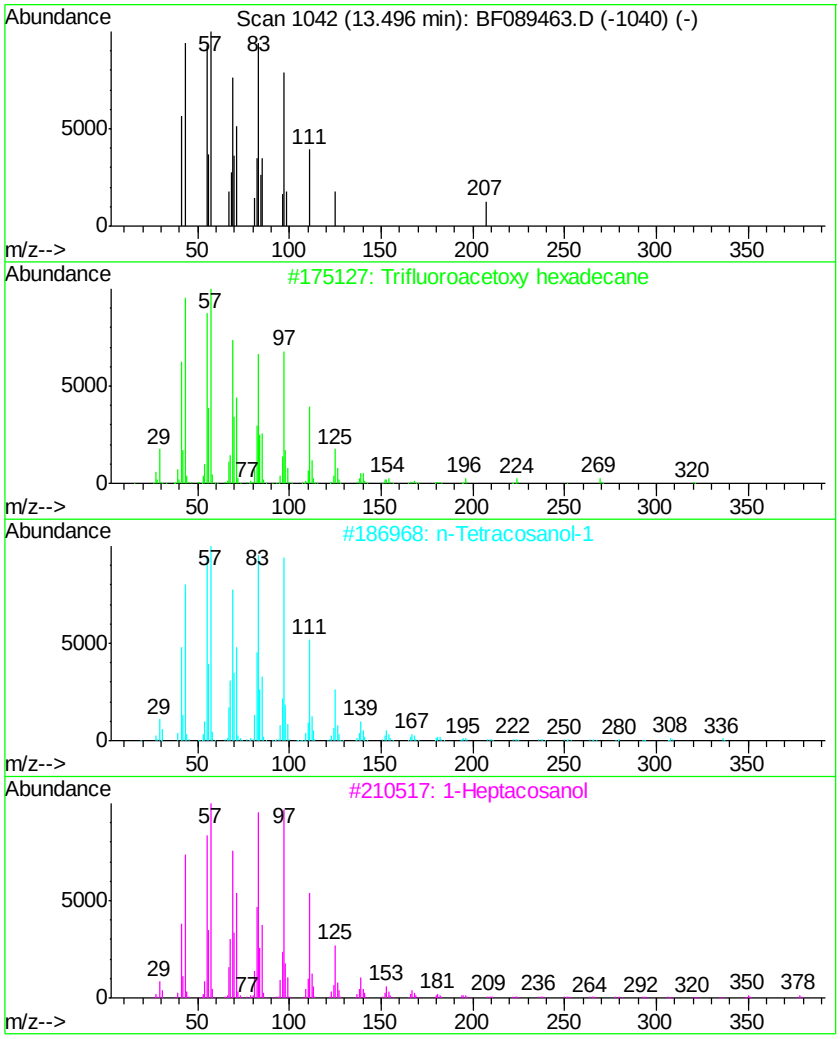
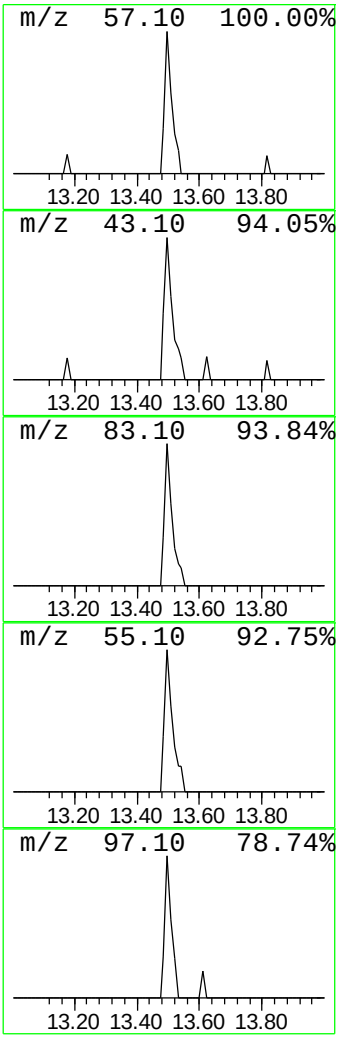
Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.37 ng	36466	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.60	32.1	ng	352078	1	6.50	219424	20.0
unknown6.27	6.27	117.9	ng	1293900	1	6.50	219424	20.0
Nonadecane	10.46	2.4	ng	40393	4	11.00	338494	20.0
Trifluoroacetoxy ...	13.50	3.4	ng	36466	5	13.62	216213	20.0