LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089665.D
Acq On : 8 Aug 2016 17:08
Operator : UM/SJ
Sample : H4351-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4A

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-BF080416.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	4.638	263	267	283	rBV	126361	342716	19.34%	2.443%
2	5.313	323	326	354	rBV	805542	1383982	78.11%	9.866%
3	6.959	467	470	477	rBV	801776	1388707	78.38%	9.900%
4	7.073	477	480	501	rVB	1034564	1611006	90.92%	11.484%
5	7.416	509	510	526	rBV	114896	240607	13.58%	1.715%
6	7.656	528	531	544	rBV	880185	1149024	64.85%	8.191%
7	8.330	587	590	621	rBV	554168	915289	51.66%	6.525%
8	9.450	685	688	702	rBV	211642	343663	19.40%	2.450%
9	11.233	840	844	846	rBV	1188728	1771809	100.00%	12.631%
10	11.919	901	904	910	rBV	212642	281821	15.91%	2.009%
11	12.262	932	934	937	rBV	262745	417379	23.56%	2.975%
12	12.308	937	938	942	rVB	16865	22291	1.26%	0.159%
13	13.131	1006	1010	1012	rBV	28032	36835	2.08%	0.263%
14	13.485	1036	1041	1045	rBV	8680	22702	1.28%	0.162%
15	13.554	1045	1047	1056	rBV	579840	998341	56.35%	7.117%
16	13.896	1074	1077	1082	rBV	31257	53720	3.03%	0.383%
17	14.662	1142	1144	1152	rVB	295818	428939	24.21%	3.058%
18	16.891	1337	1339	1342	rBB	43146	43376	2.45%	0.309%
19	17.028	1348	1351	1354	rBV	1077689	1733472	97.84%	12.357%
20	17.817	1418	1420	1422	rBB	29576	32735	1.85%	0.233%
21	18.285	1459	1461	1466	rBV	54727	111592	6.30%	0.795%
22	18.365	1466	1468	1478	rVB	259540	400881	22.63%	2.858%
23	20.023	1611	1613	1622	rBV	200997	297106	16.77%	2.118%

Sum of corrected areas: 14027993

LSC Report - Integrated Chromatogram

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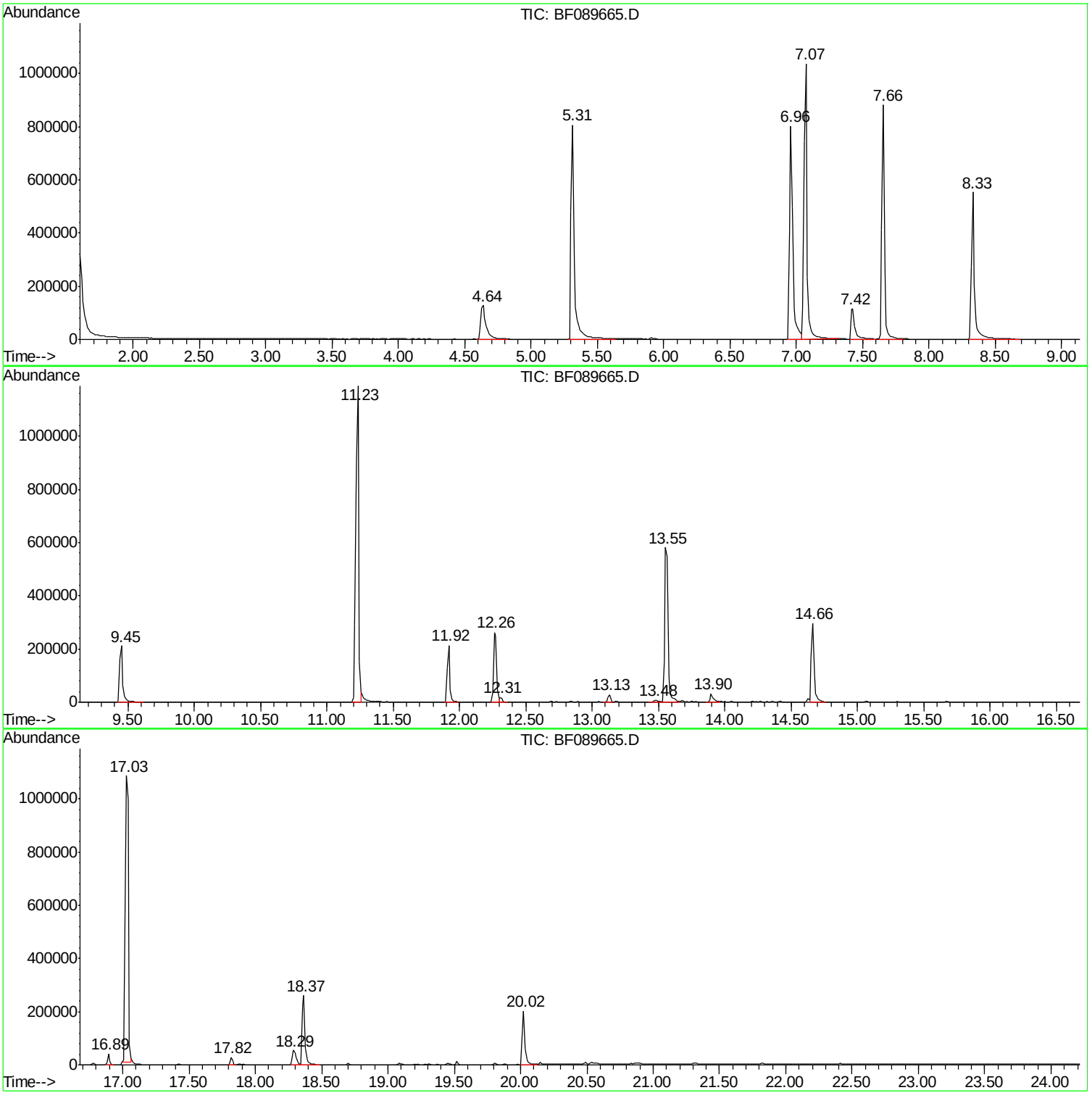
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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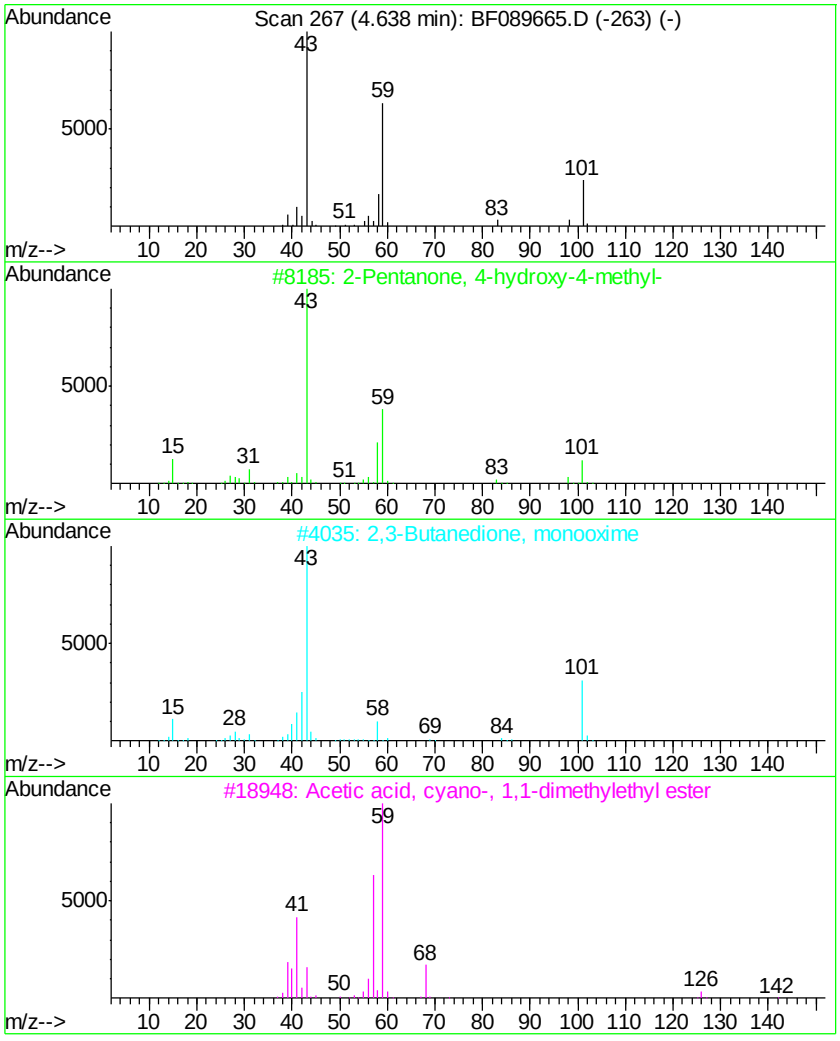
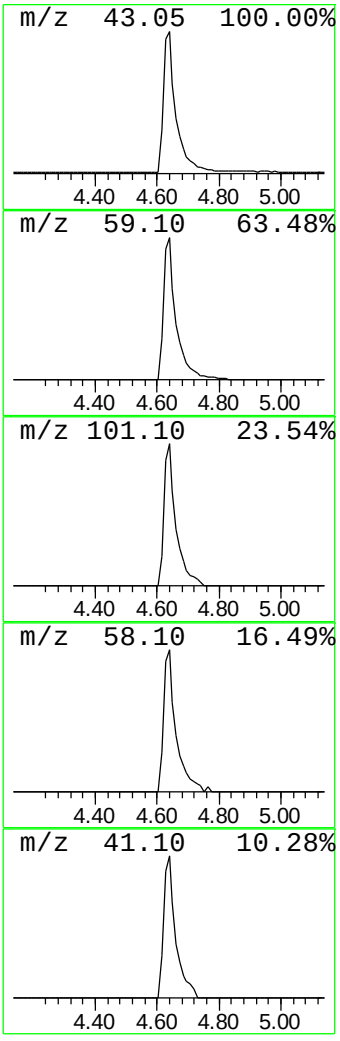
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	28.49 ng	342716	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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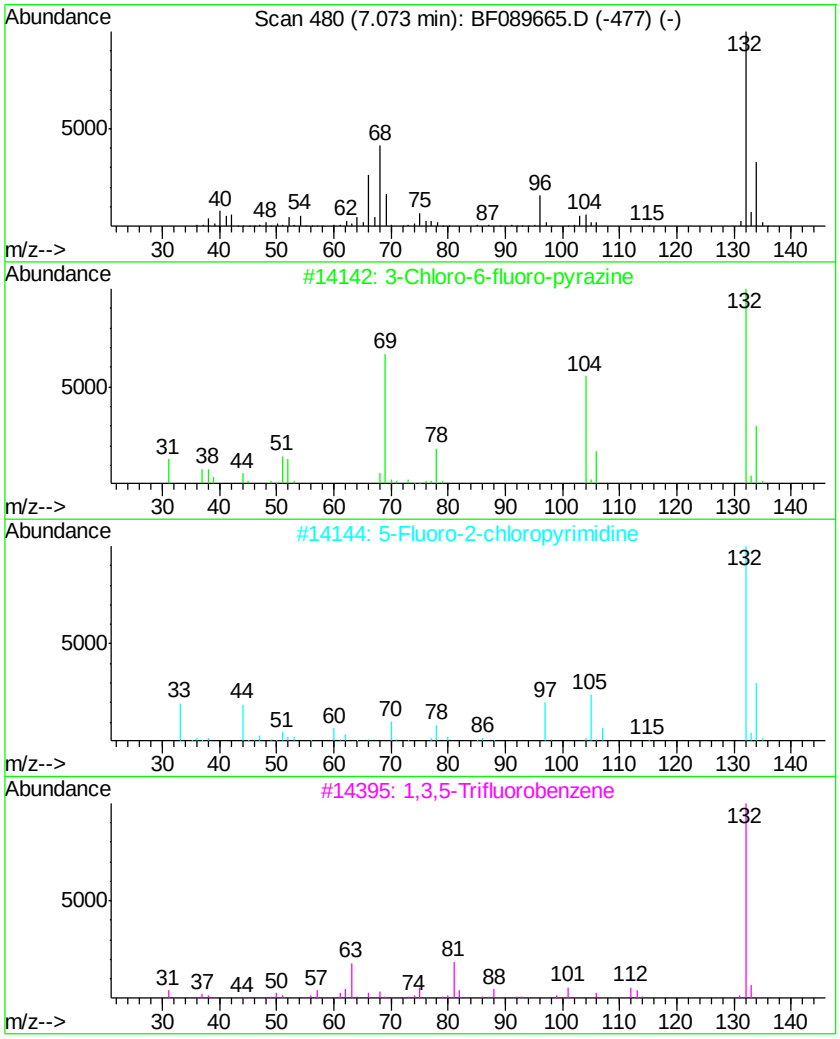
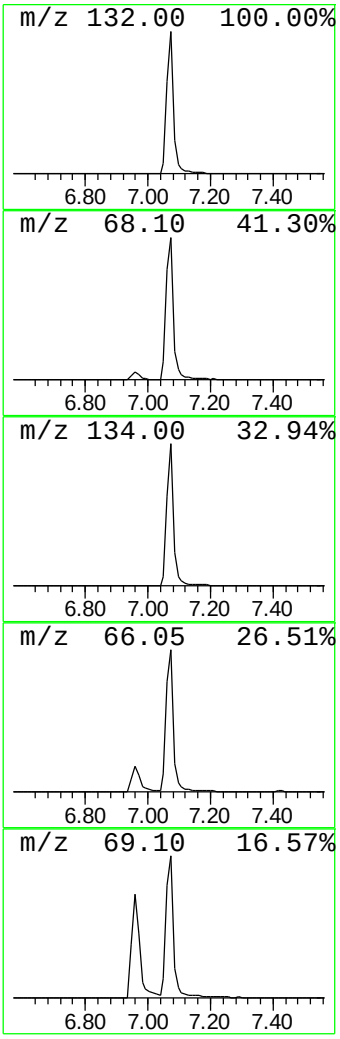
Peak Number 2 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	133.91 ng	1611010	1,4-Dichlorobenzene-d4	7.43

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	16
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
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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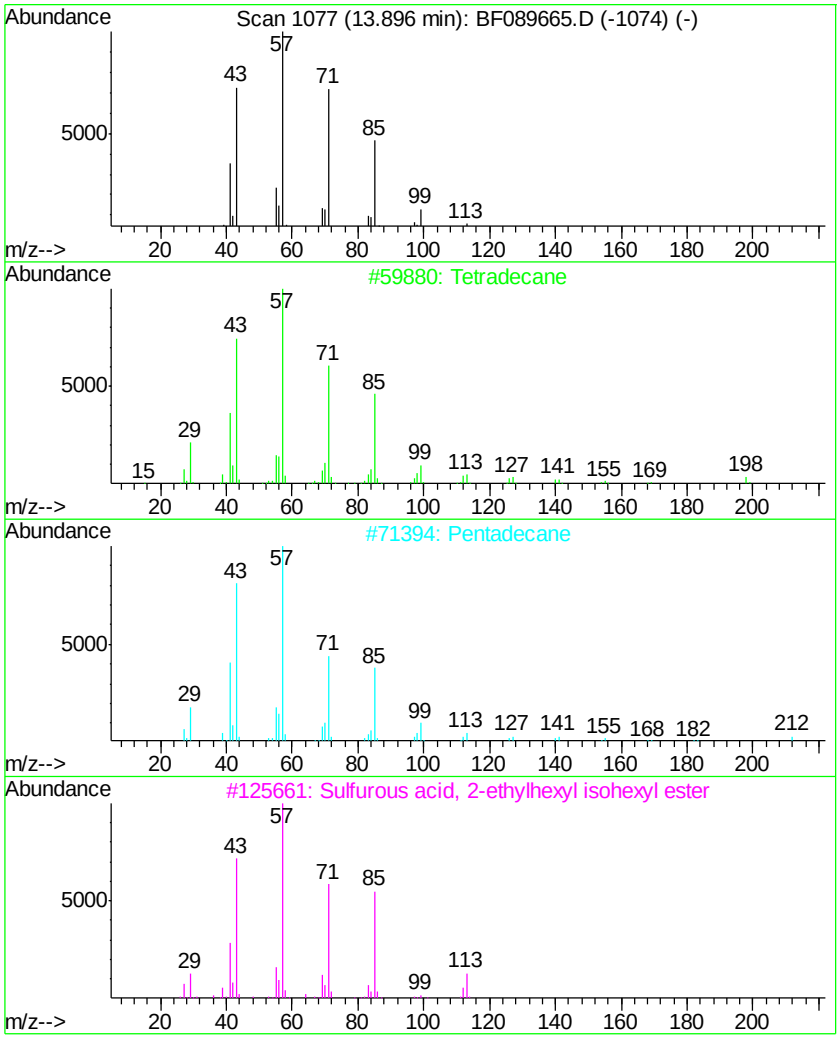
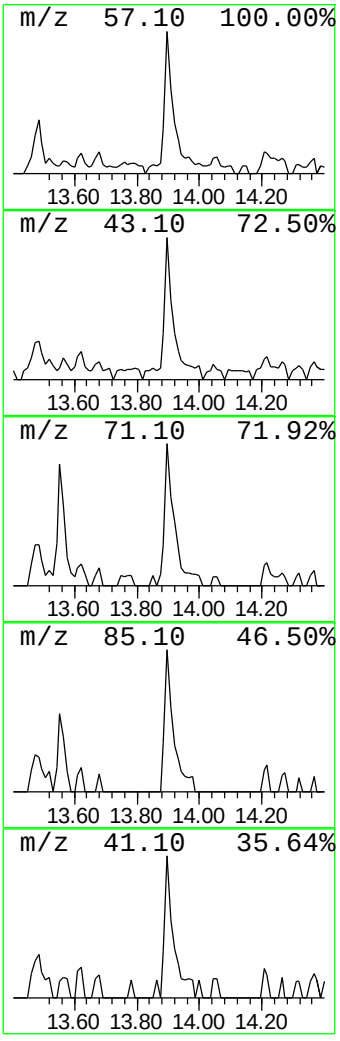
Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.50 ng	53720	Phenanthrene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Pentadecane	212	C15H32	000629-62-9	72
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Instrument : BNA_F
ClientSampleId : SB-4A

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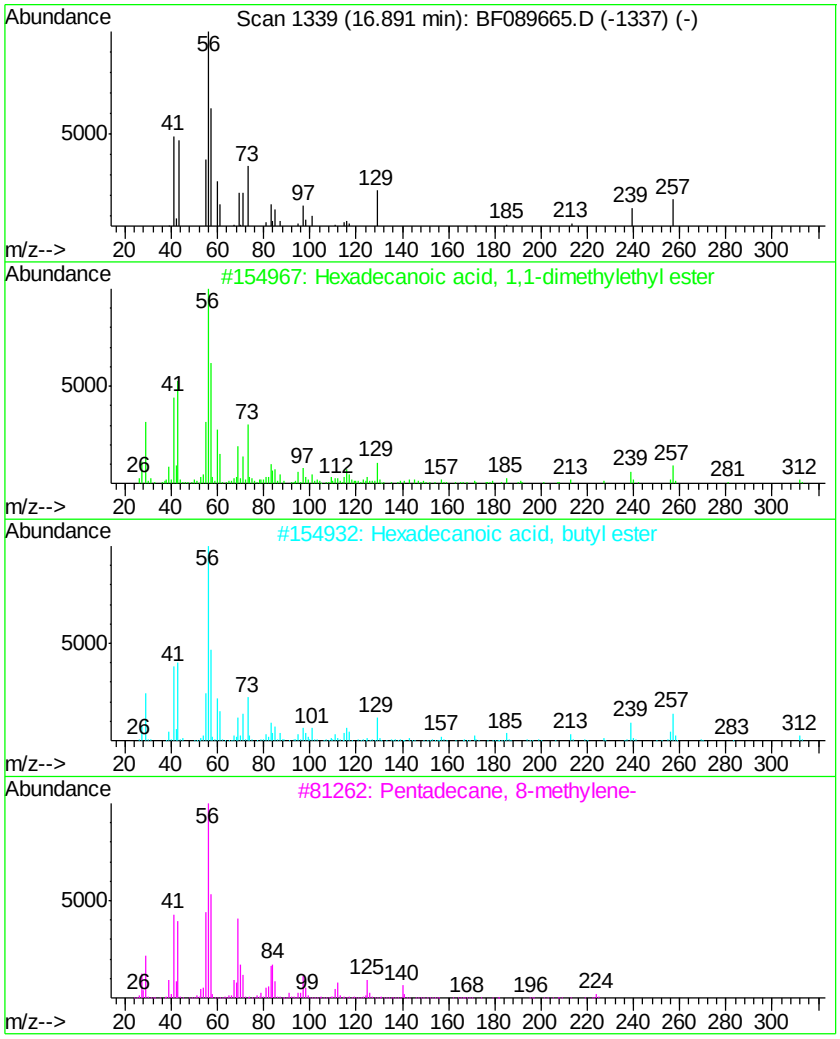
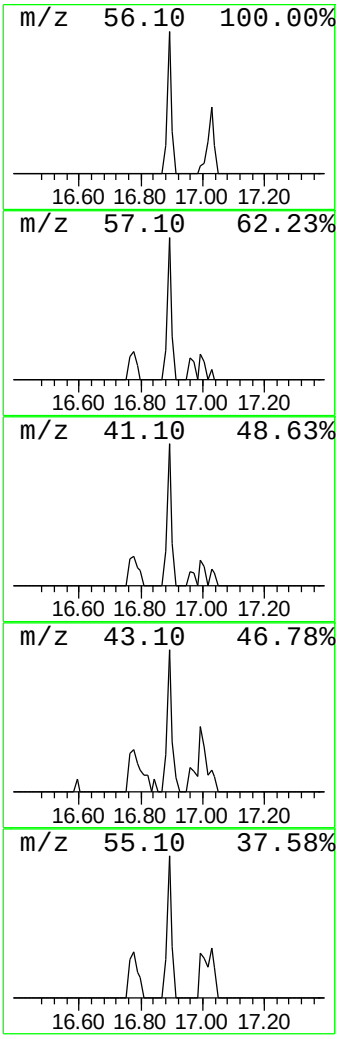
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.16 ng	43376	Chrysene-d12	18.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	22
5	1-.beta.-d-Ribofuranosyl-3-[5-te...	269	C8H11N7O4	1000211-51-6	22





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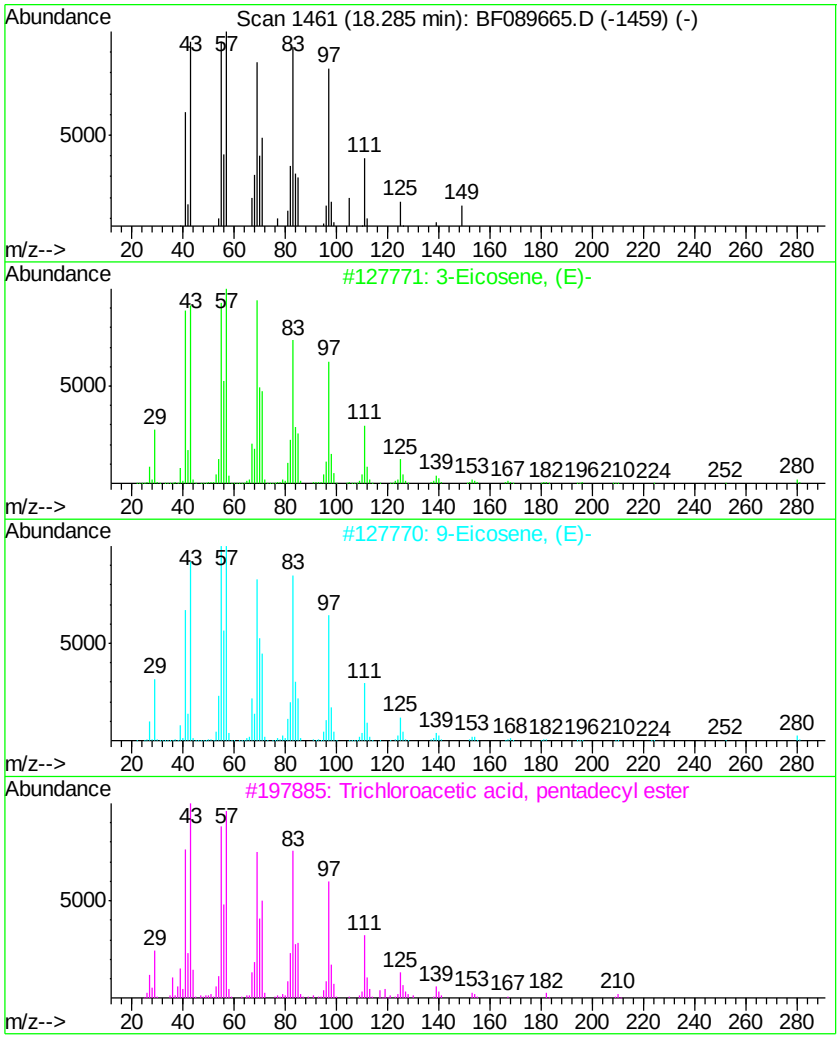
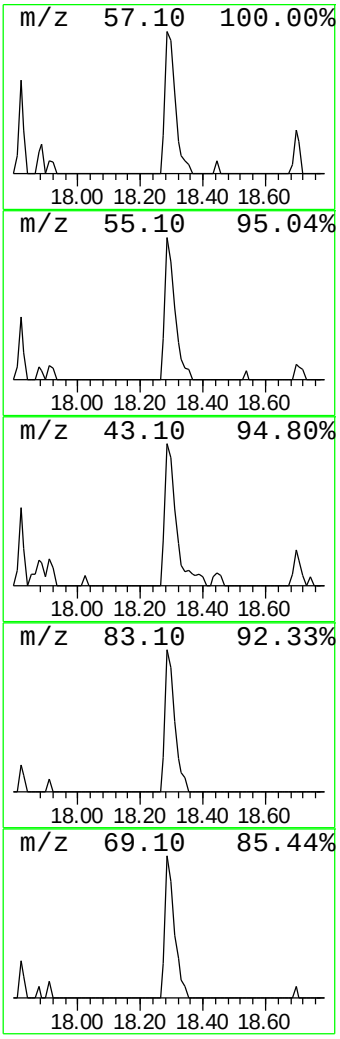
Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	5.57 ng	111592	Chrysene-d12	18.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	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...	4.64	28.5	ng	342716	1	7.43	240607	20.0
unknown7.07	7.07	133.9	ng	1611010	1	7.43	240607	20.0
Tetradecane	13.90	2.5	ng	53720	4	14.66	428939	20.0
Hexadecanoic acid...	16.89	2.2	ng	43376	5	18.37	400881	20.0
3-Eicosene, (E)-	18.29	5.6	ng	111592	5	18.37	400881	20.0