LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087246.D
Acq On : 21 May 2016 1:49
Operator : UM/SJ
Sample : H3144-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-AB-AC(0-2)

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-BF051716.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	1.701	8	10	68	rVB	3260479	7099294	100.00%	16.716%
2	4.673	269	270	285	rBV	294597	706872	9.96%	1.664%
3	5.141	309	311	332	rBV	3330768	3943687	55.55%	9.286%
4	6.227	403	406	408	rBV	3625743	4190119	59.02%	9.866%
5	6.330	413	415	417	rBV	3613142	3952387	55.67%	9.306%
6	6.559	433	435	441	rVB	613418	830708	11.70%	1.956%
7	6.707	446	448	451	rBV	2861384	2638297	37.16%	6.212%
8	7.130	483	485	501	rBV	2374477	2488736	35.06%	5.860%
9	7.839	545	547	550	rBV	997753	1126634	15.87%	2.653%
10	8.925	639	642	644	rBV	3582284	3862994	54.41%	9.096%
11	9.325	675	677	681	rBV	374969	344110	4.85%	0.810%
12	9.530	694	695	697	rBV	100278	103816	1.46%	0.244%
13	9.587	697	700	702	rBV	1437974	1304739	18.38%	3.072%
14	9.713	709	711	712	rBV	105133	103328	1.46%	0.243%
15	10.033	736	739	740	rBV	166540	153878	2.17%	0.362%
16	10.250	755	758	759	rBV	49387	80905	1.14%	0.190%
17	10.376	766	769	772	rBV	2390193	2426876	34.18%	5.714%
18	10.502	778	780	787	rVB	170706	233306	3.29%	0.549%
19	10.948	814	819	827	rBV2	52044	74385	1.05%	0.175%
20	11.062	827	829	832	rBV	1407051	1287555	18.14%	3.032%
21	12.651	965	968	970	rBV	2994217	3340207	47.05%	7.865%
22	13.599	1048	1051	1057	rBV	75281	297538	4.19%	0.701%
23	13.691	1057	1059	1071	rVB	1076274	1107447	15.60%	2.608%
24	15.039	1175	1177	1188	rVB	595440	772957	10.89%	1.820%

Sum of corrected areas: 42470775

LSC Report - Integrated Chromatogram

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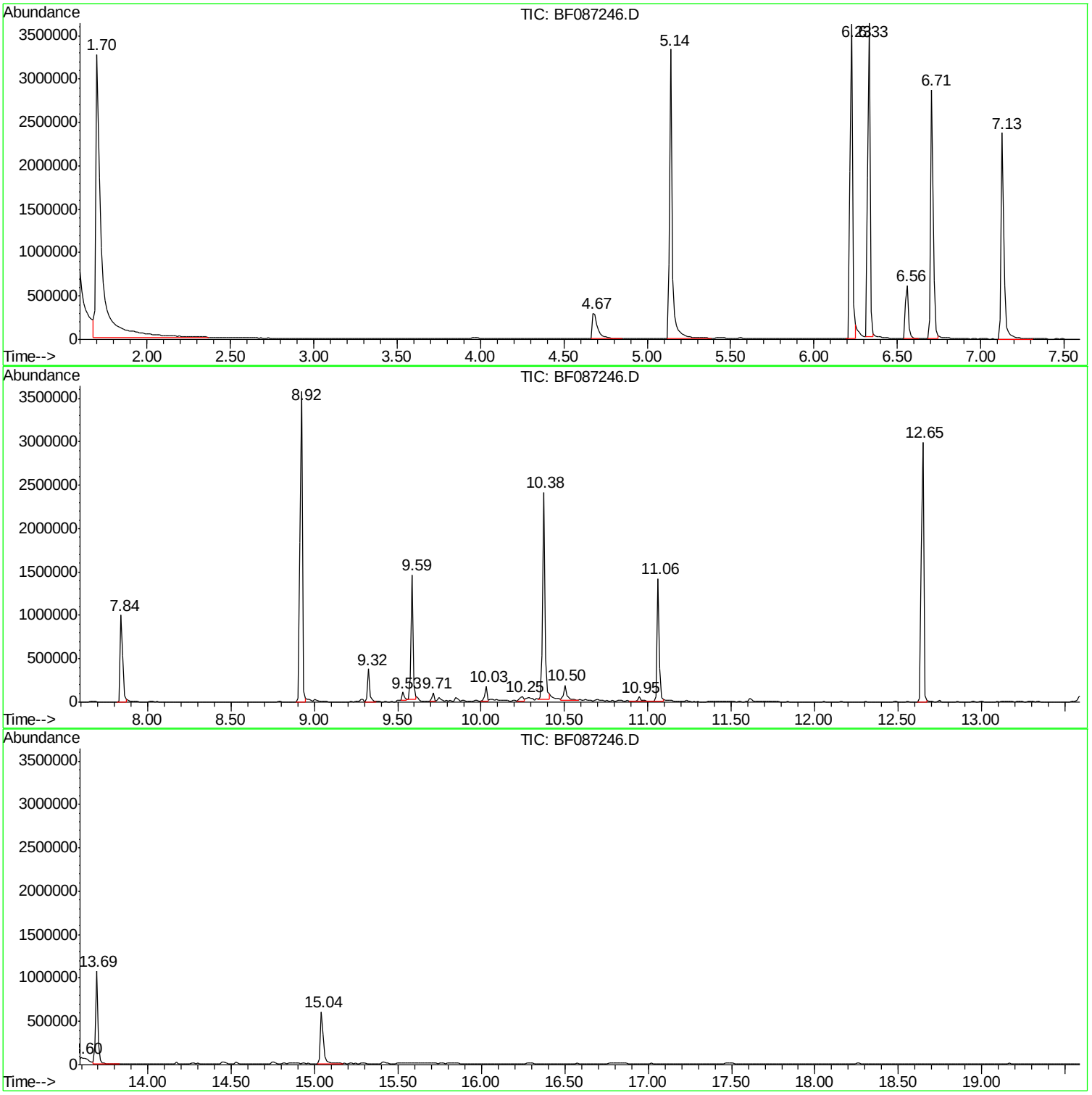
Instrument : BNA_F
ClientSampleId : 6-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087246.D
Acq On : 21 May 2016 1:49
Operator : UM/SJ
Sample : H3144-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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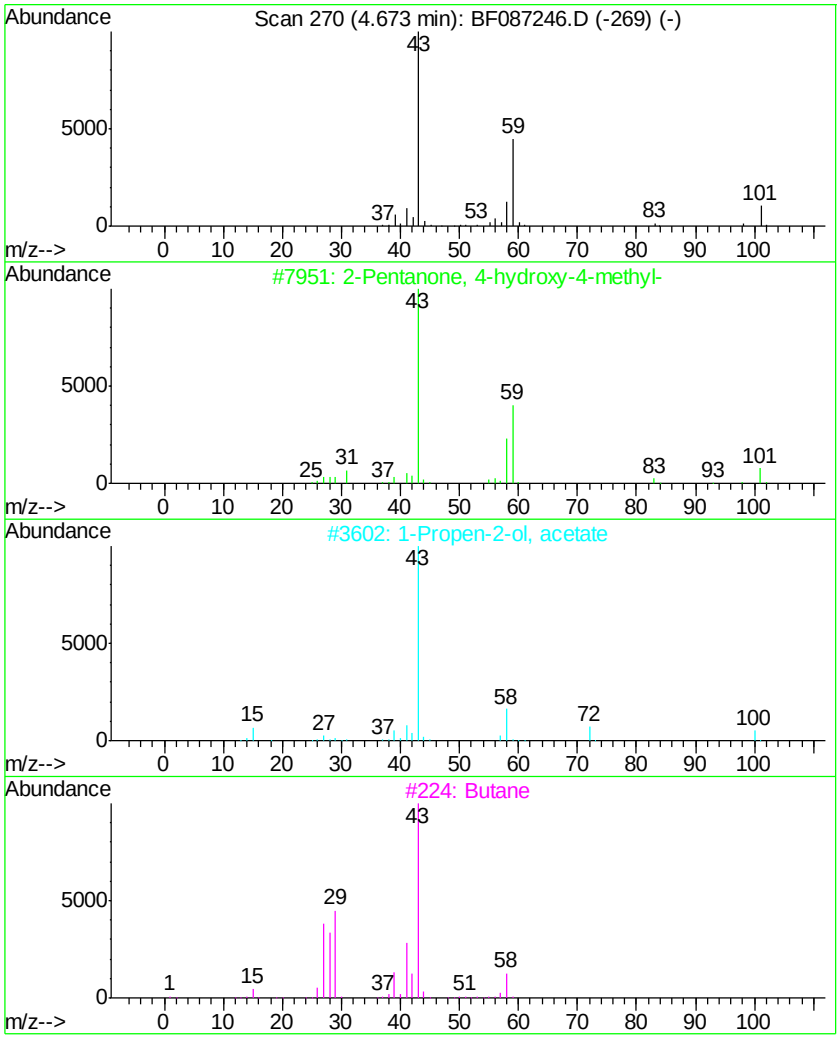
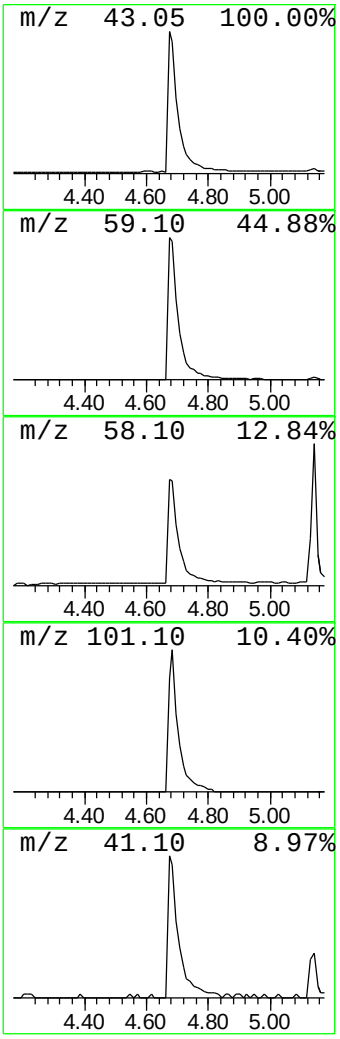
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	17.02 ng	706872	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Butane	58	C4H10	000106-97-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9





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Sample : H3144-05
Misc :
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Instrument : BNA_F
ClientSampleId : 6-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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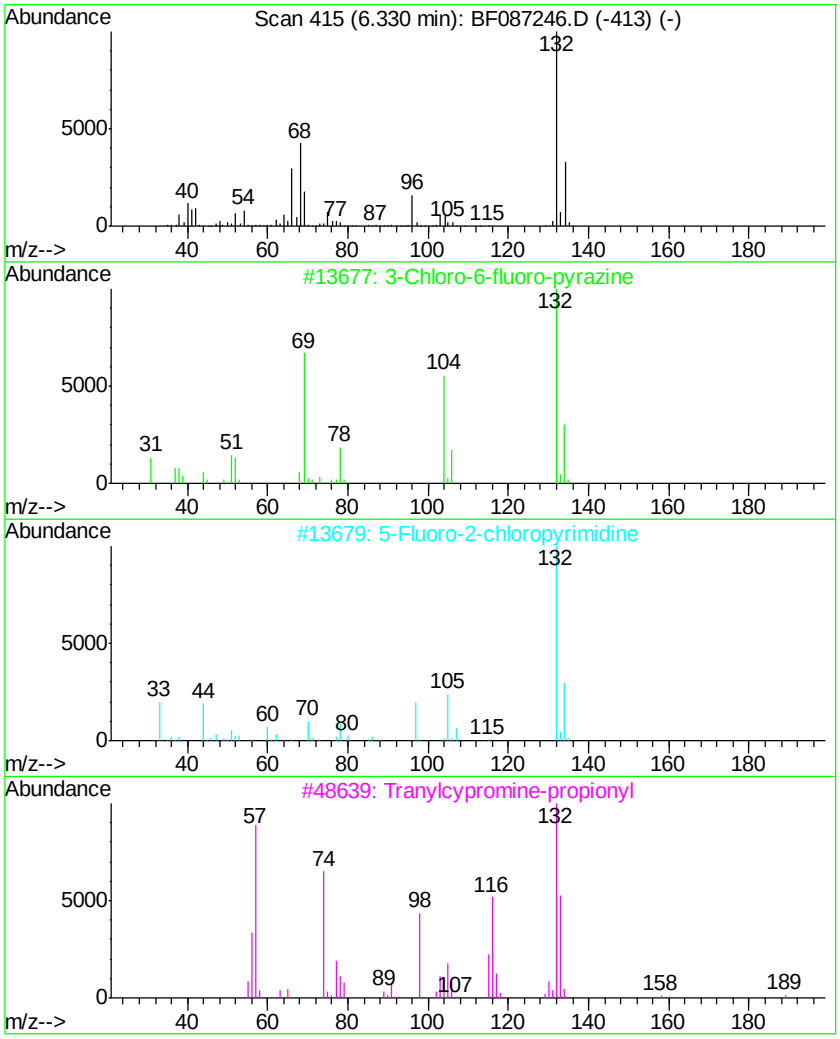
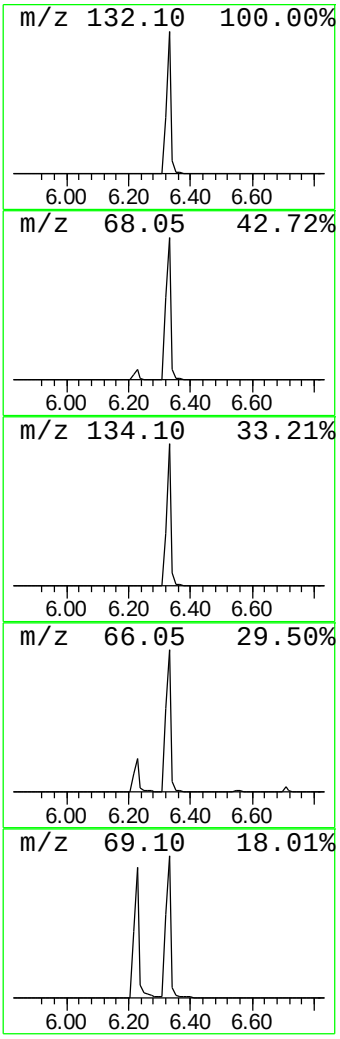
Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	95.16 ng	3952390	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Misc :
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Instrument : BNA_F
ClientSampleId : 6-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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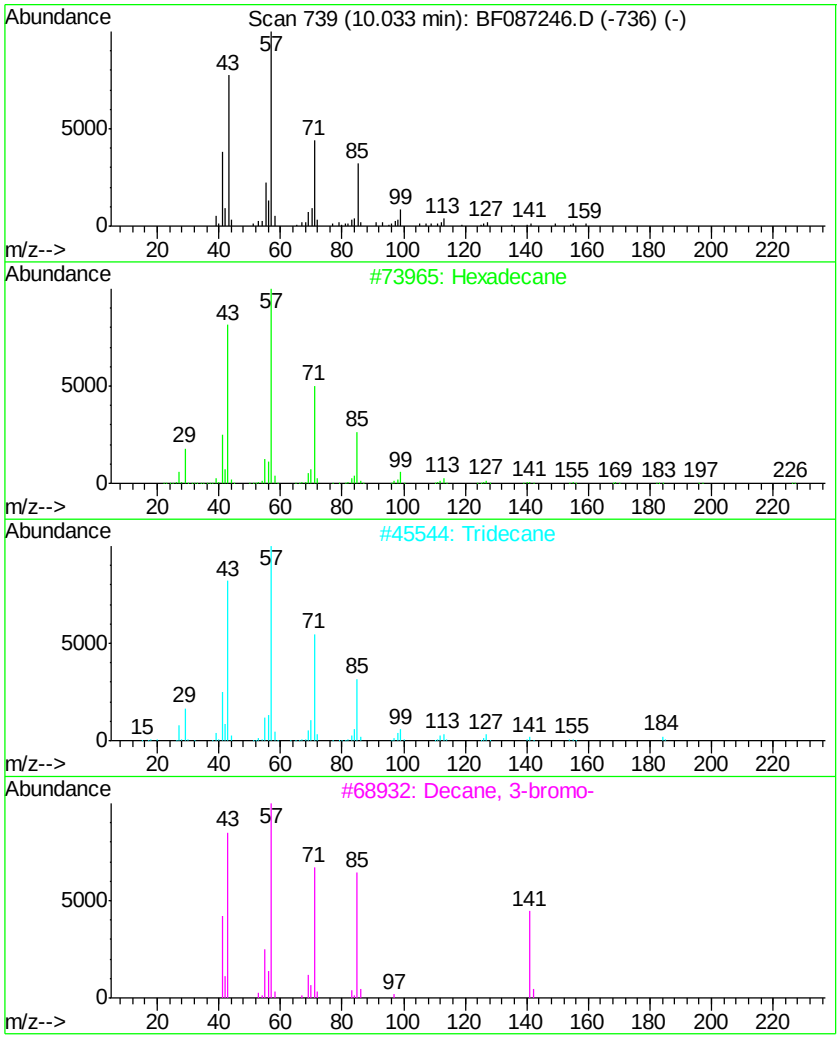
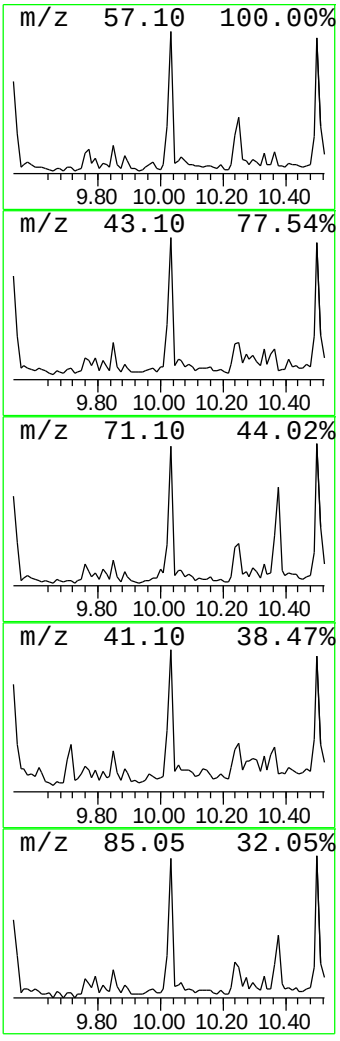
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.36 ng	153878	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Eicosane	282	C20H42	000112-95-8	80





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Misc :
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Instrument : BNA_F
ClientSampleId : 6-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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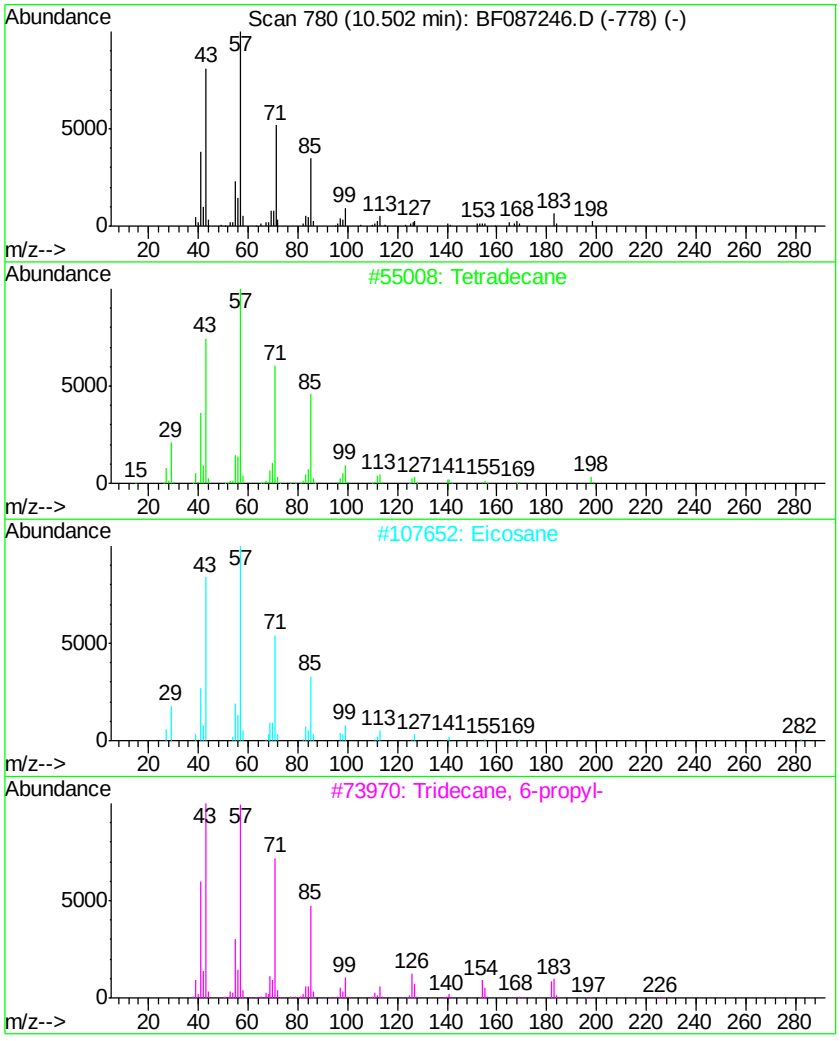
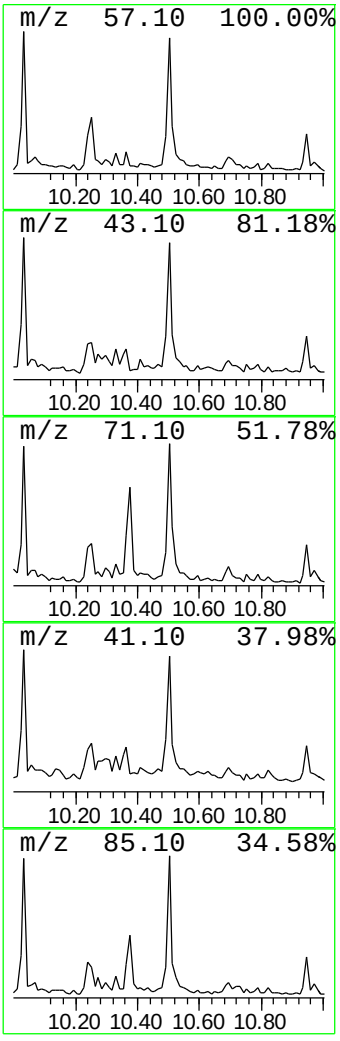
Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.62 ng	233306	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Eicosane	282	C20H42	000112-95-8	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptacosane	380	C27H56	000593-49-7	86





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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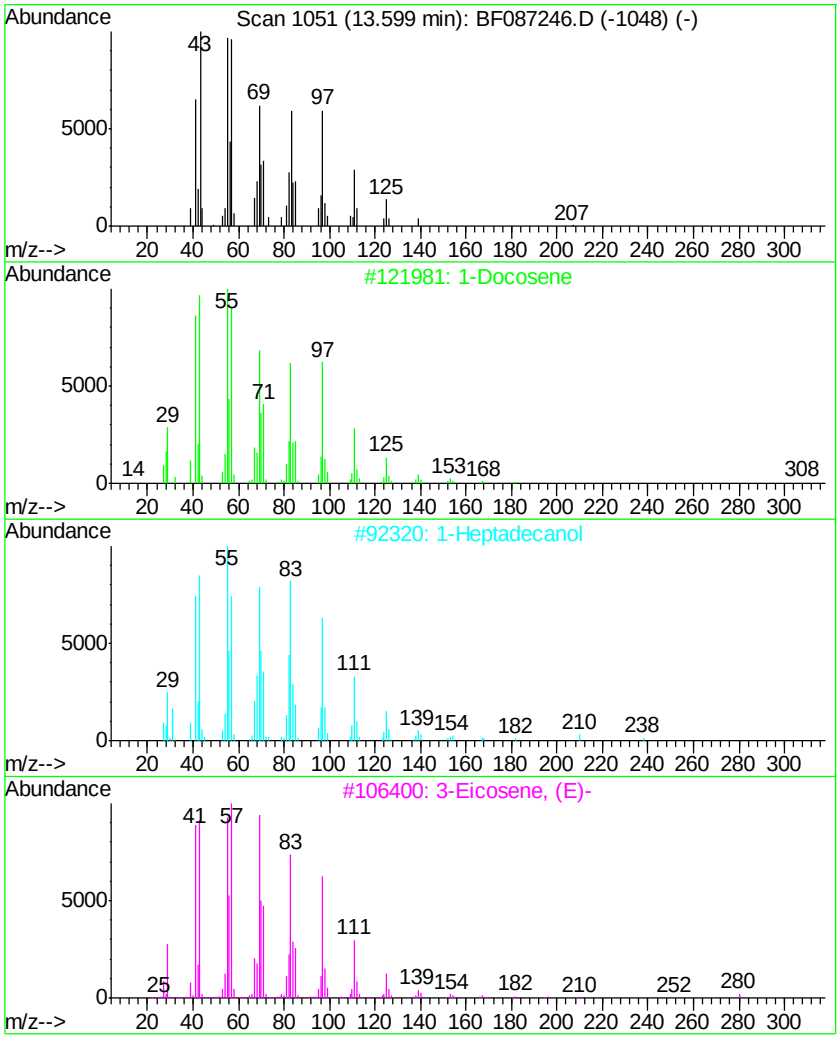
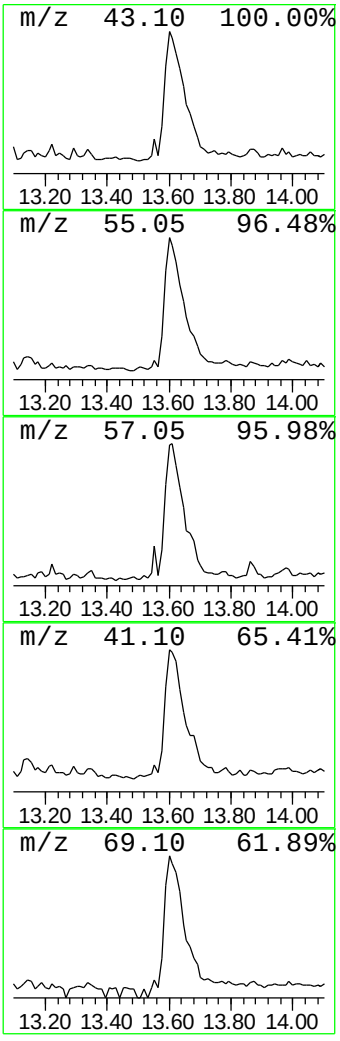
Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.37 ng	297538	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Heptadecanol	256	C17H36O	001454-85-9	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





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...	4.67	17.0	ng	706872	1	6.56	830708	20.0
unknown6.33	6.33	95.2	ng	3952390	1	6.56	830708	20.0
Hexadecane	10.03	2.4	ng	153878	3	9.59	1304740	20.0
Tetradecane	10.50	3.6	ng	233306	4	11.06	1287560	20.0
1-Docosene	13.60	5.4	ng	297538	5	13.69	1107450	20.0