LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087154.D
Acq On : 18 May 2016 20:16
Operator : UM/SJ
Sample : H3143-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-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	1.713	10	11	50	rVB	3224648	6560880	100.00%	17.674%
2	4.707	271	273	286	rBV	193686	387504	5.91%	1.044%
3	5.164	311	313	335	rBV	2928036	3263387	49.74%	8.791%
4	6.250	405	408	410	rBV	2337343	3349115	51.05%	9.022%
5	6.353	414	417	419	rBV	2993116	3381419	51.54%	9.109%
6	6.570	434	436	443	rVB	593928	865566	13.19%	2.332%
7	6.730	448	450	453	rBV	2562200	2312893	35.25%	6.231%
8	7.153	485	487	489	rBV	2317440	2298877	35.04%	6.193%
9	7.862	547	549	552	rBV	1207834	1131238	17.24%	3.047%
10	8.948	641	644	646	rBV	2887749	3277752	49.96%	8.830%
11	9.348	677	679	681	rBV	361293	335811	5.12%	0.905%
12	9.553	695	697	699	rBV	86847	102264	1.56%	0.275%
13	9.611	699	702	705	rBV	1407447	1275506	19.44%	3.436%
14	10.056	738	741	743	rBV	188242	163429	2.49%	0.440%
15	10.273	757	760	761	rBV	58957	80949	1.23%	0.218%
16	10.399	768	771	774	rBV	2142996	2067281	31.51%	5.569%
17	10.525	780	782	789	rVB	183946	208845	3.18%	0.563%
18	11.085	829	831	834	rBV	1365072	1221384	18.62%	3.290%
19	11.634	877	879	884	rBV3	53783	84639	1.29%	0.228%
20	12.674	967	970	972	rBV	2367685	2651029	40.41%	7.142%
21	13.600	1047	1051	1058	rBV	72461	211750	3.23%	0.570%
22	13.714	1058	1061	1063	rBV	1006723	1012973	15.44%	2.729%
23	15.063	1176	1179	1185	rBV	731877	876862	13.37%	2.362%

Sum of corrected areas: 37121353

LSC Report - Integrated Chromatogram

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Misc :
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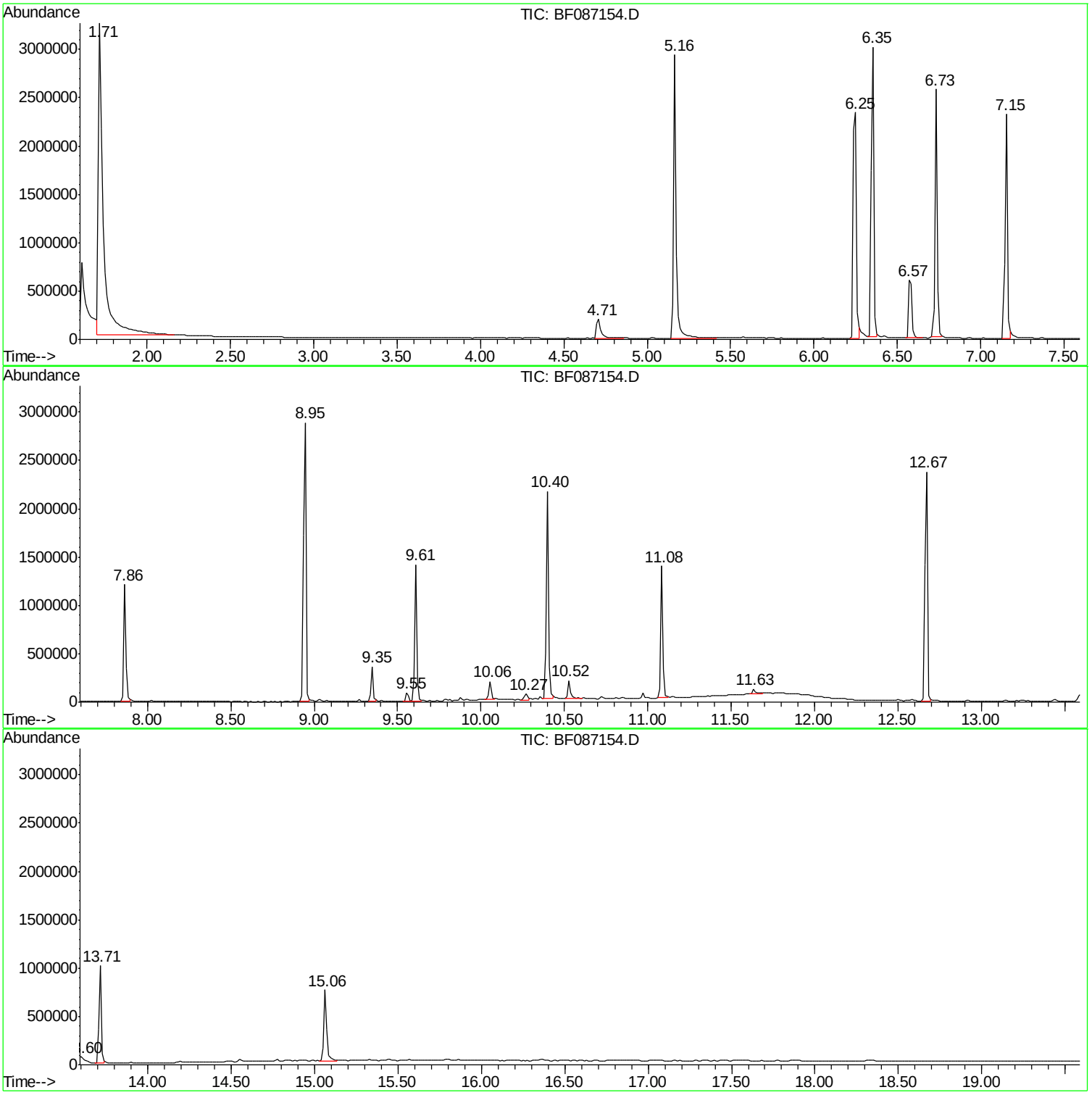
Instrument : BNA_F
ClientSampleId : 1-AB-AC(0-2)

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\BF051816\
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Acq On : 18 May 2016 20:16
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ClientSampleId : 1-AB-AC(0-2)

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

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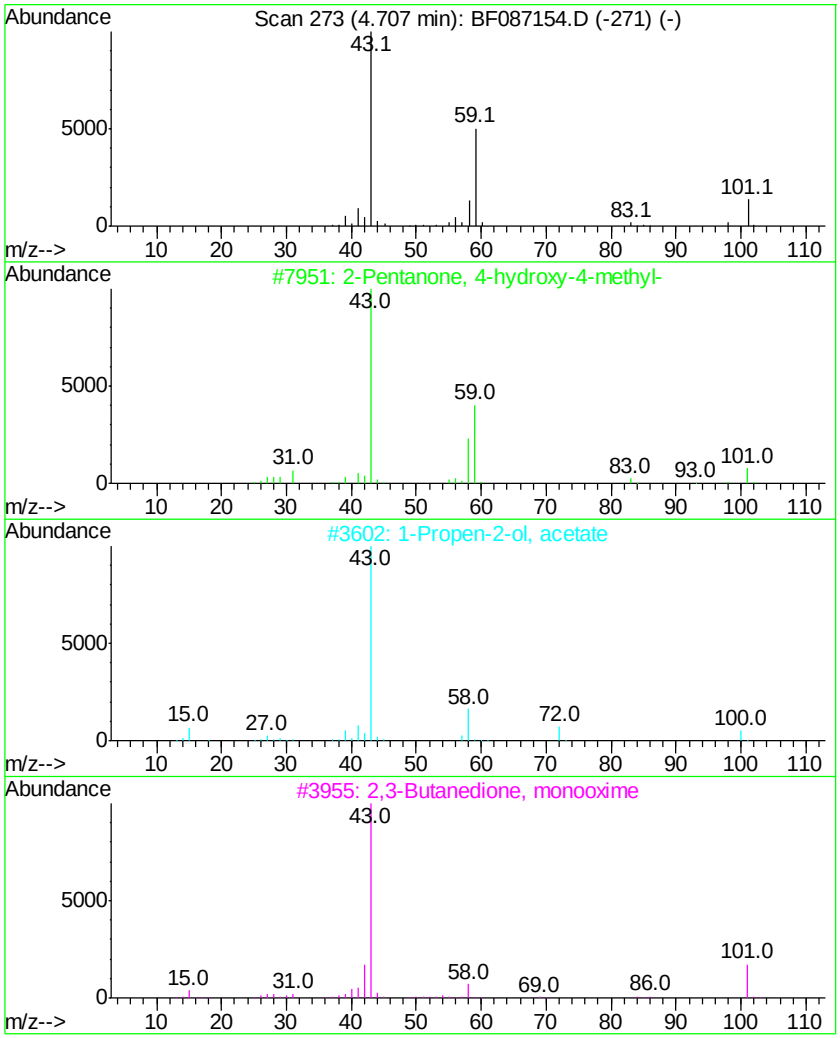
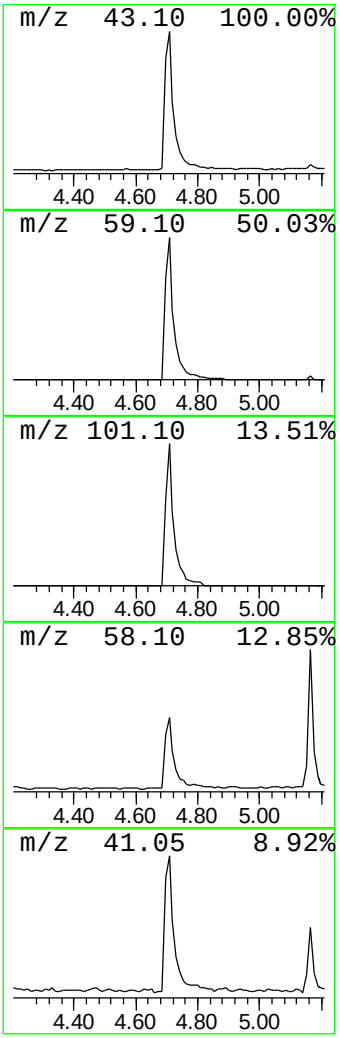
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	8.95 ng	387504	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Butane	58	C4H10	000106-97-8	9





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Sample : H3143-25
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Instrument : BNA_F
ClientSampleId : 1-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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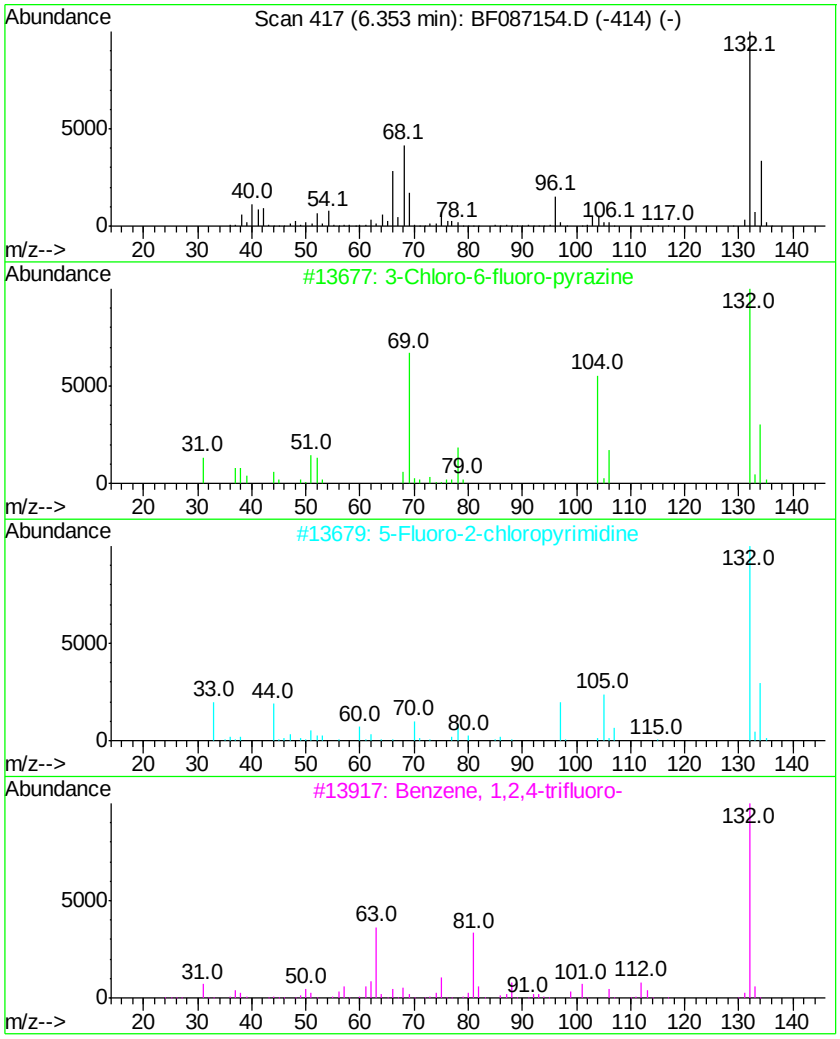
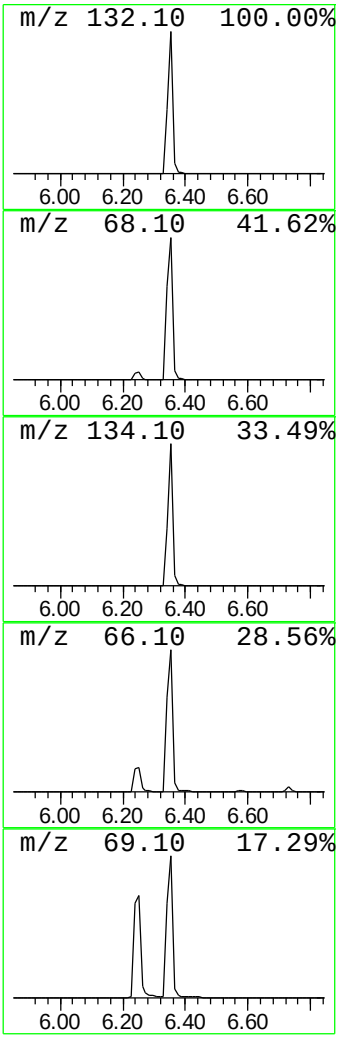
Peak Number 3 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	78.13 ng	3381420	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H3143-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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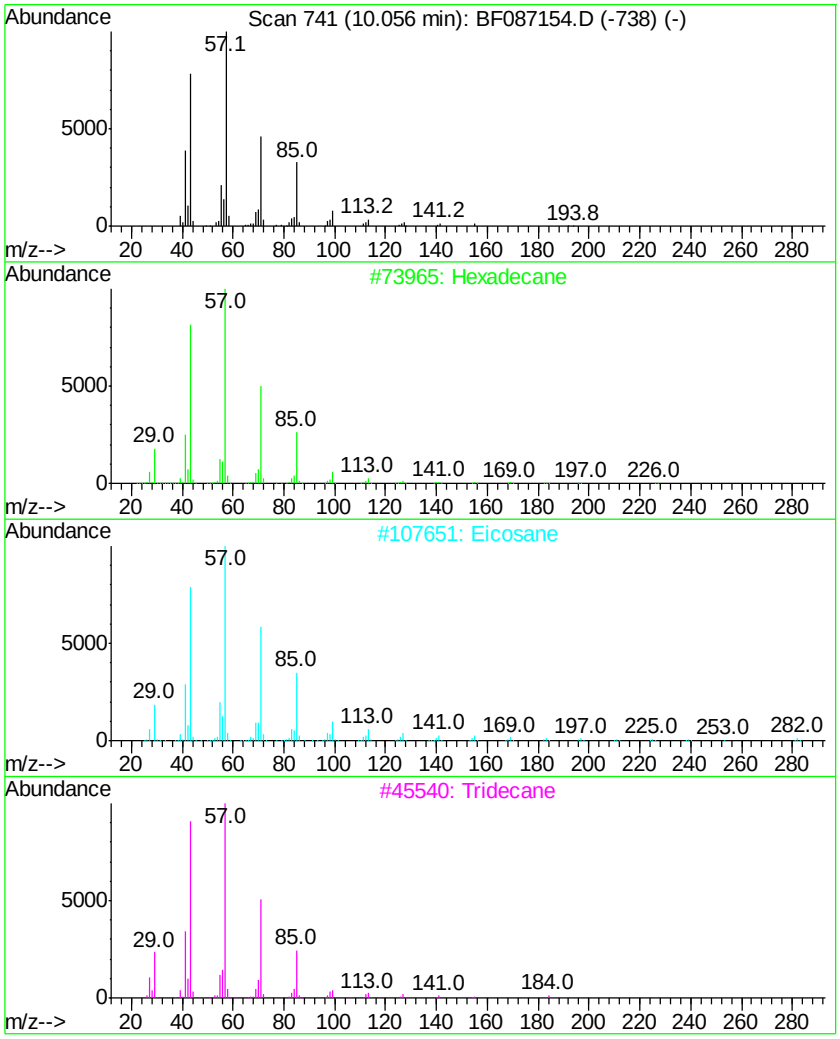
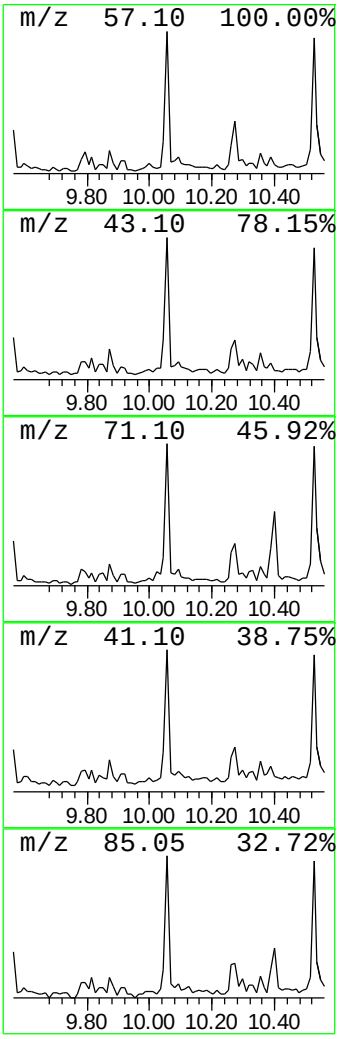
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.56 ng	163429	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
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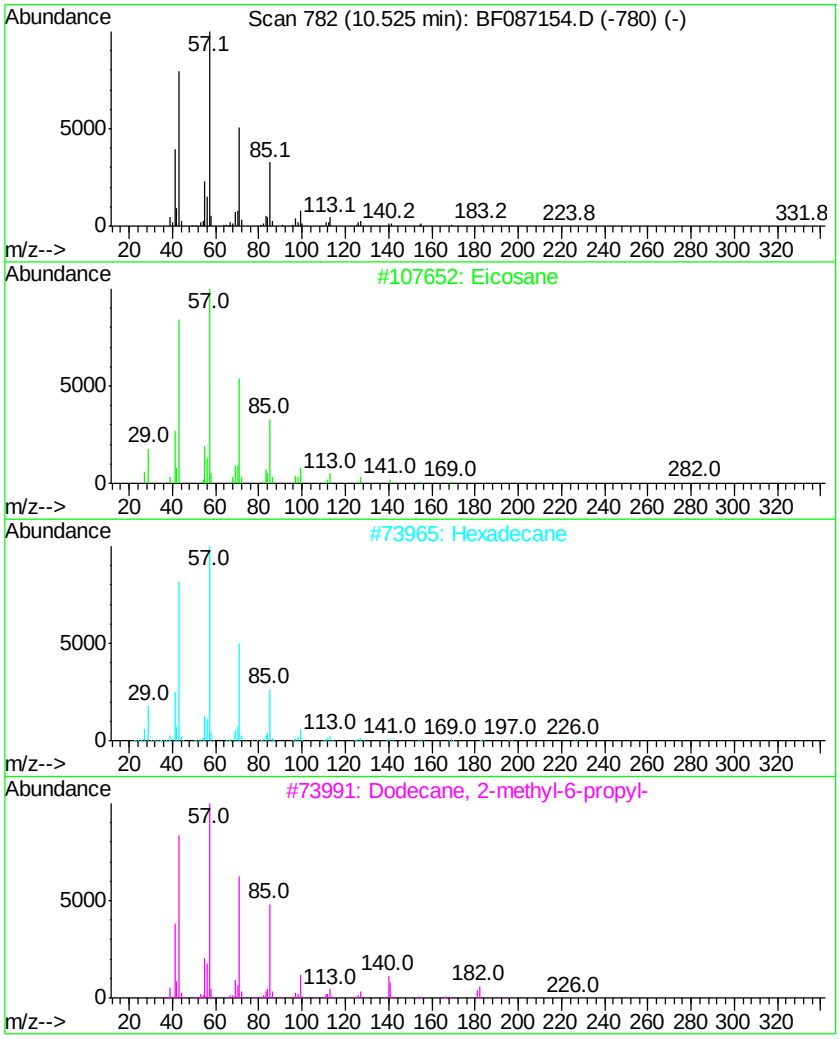
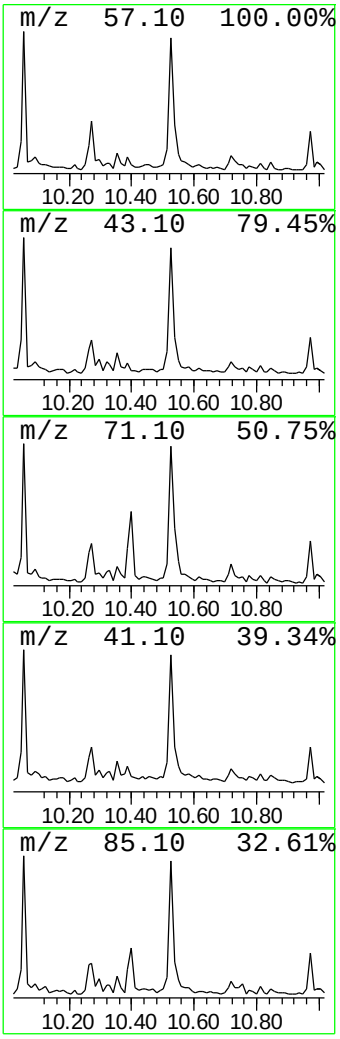
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.42 ng	208845	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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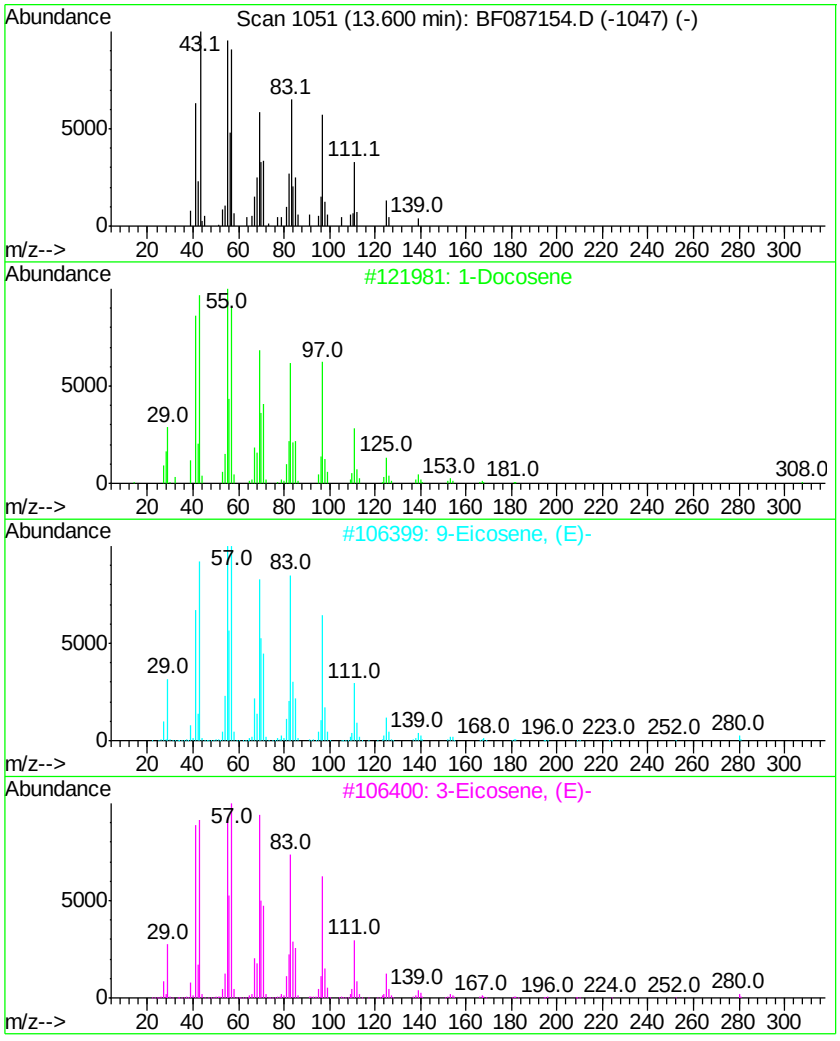
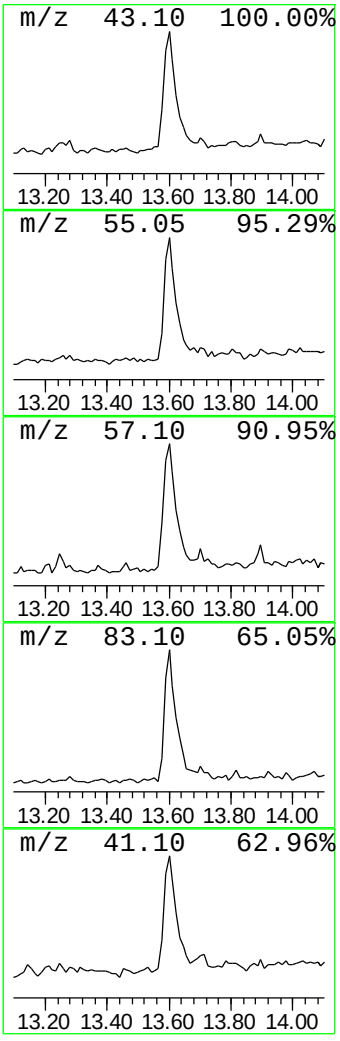
Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.18 ng	211750	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	81





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	8.9	ng	387504	1	6.58	865566	20.0
unknown6.35	6.35	78.1	ng	3381420	1	6.58	865566	20.0
Hexadecane	10.06	2.6	ng	163429	3	9.61	1275510	20.0
Eicosane	10.52	3.4	ng	208845	4	11.09	1221380	20.0
1-Docosene	13.60	4.2	ng	211750	5	13.71	1012970	20.0