LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084849.D
Acq On : 5 Feb 2016 00:52
Operator : SJ/IZ
Sample : H1320-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B011(16-17)

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-BF020116.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	4.110	175	177	183	rBV	67723	116936	2.32%	0.284%
2	4.830	236	240	252	rVB	1190090	1904368	37.75%	4.626%
3	5.276	276	279	281	rBV	3541278	5044640	100.00%	12.255%
4	5.676	312	314	316	rBV	60898	59895	1.19%	0.146%
5	6.327	368	371	373	rBV	4112251	4424042	87.70%	10.748%
6	6.441	378	381	384	rBV	4397957	4496320	89.13%	10.923%
7	6.670	399	401	404	rBV	991860	851781	16.88%	2.069%
8	6.830	412	415	417	rBV	4183479	3684225	73.03%	8.950%
9	7.242	448	451	454	rBV	2480088	2876218	57.02%	6.987%
10	7.962	511	514	516	rBV	1281961	1168684	23.17%	2.839%
11	9.036	606	608	611	rBV	3380998	4786285	94.88%	11.628%
12	9.436	641	643	645	rBV	568628	495887	9.83%	1.205%
13	9.653	660	662	664	rVB	100837	100248	1.99%	0.244%
14	9.710	664	667	669	rBV	1423298	1226998	24.32%	2.981%
15	10.156	704	706	708	rVB	198937	150794	2.99%	0.366%
16	10.373	722	725	728	rBV	53055	83682	1.66%	0.203%
17	10.499	733	736	738	rVV	3168034	2984070	59.15%	7.250%
18	10.625	745	747	752	rVB	171644	182859	3.62%	0.444%
19	11.185	794	796	799	rVB	1124840	1006544	19.95%	2.445%
20	12.774	933	935	938	rBV	3287641	3343931	66.29%	8.124%
21	13.688	1012	1015	1024	rBV	218776	372800	7.39%	0.906%
22	13.814	1024	1026	1029	rBV	815648	823154	16.32%	2.000%
23	14.328	1067	1071	1073	rBV2	23701	53191	1.05%	0.129%
24	14.671	1098	1101	1103	rVV	51312	64008	1.27%	0.156%
25	15.185	1144	1146	1149	rBV	551836	796586	15.79%	1.935%
26	15.677	1186	1189	1191	rBV3	28675	64254	1.27%	0.156%

Sum of corrected areas: 41162400

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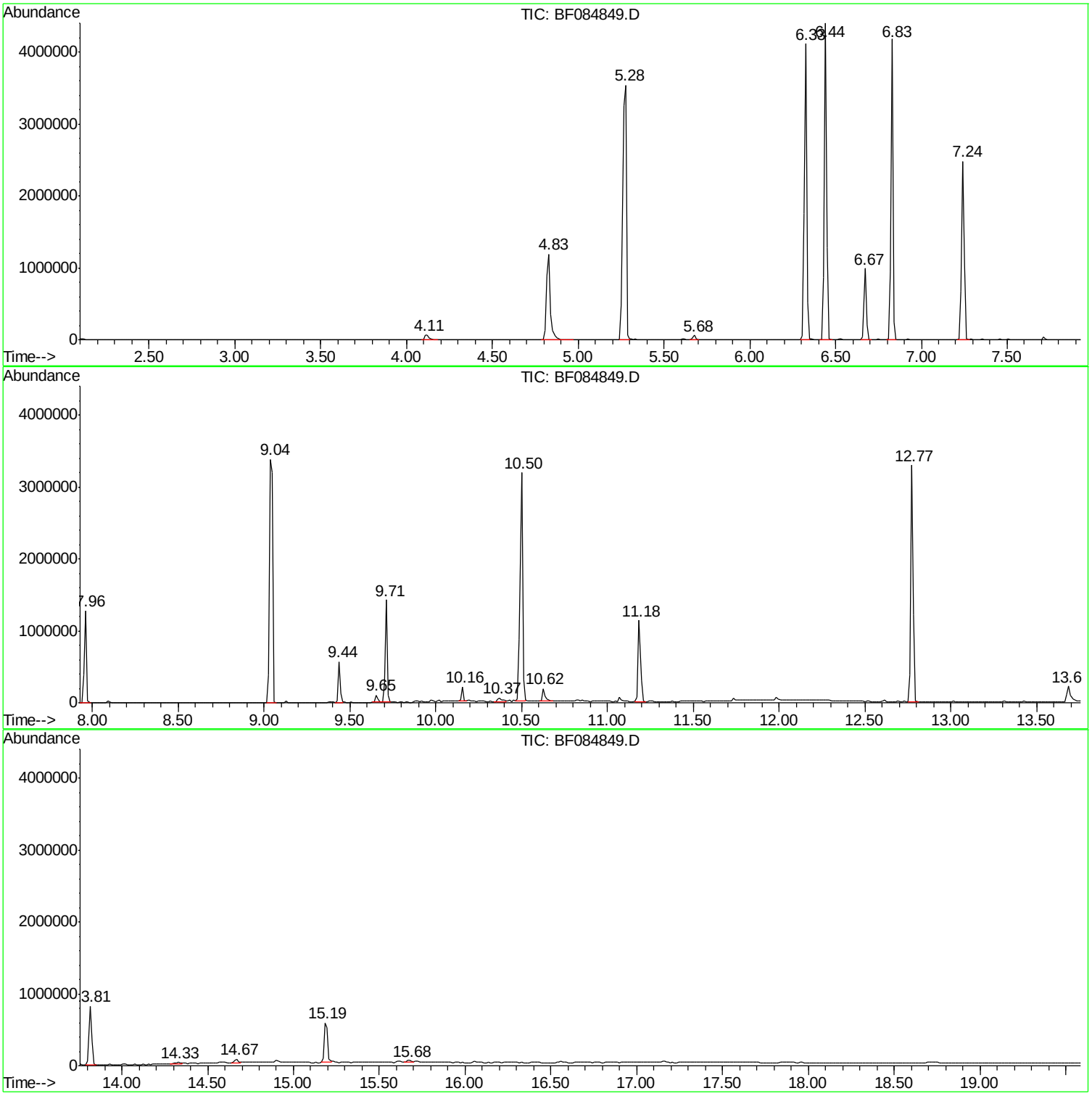
S4-B011(16-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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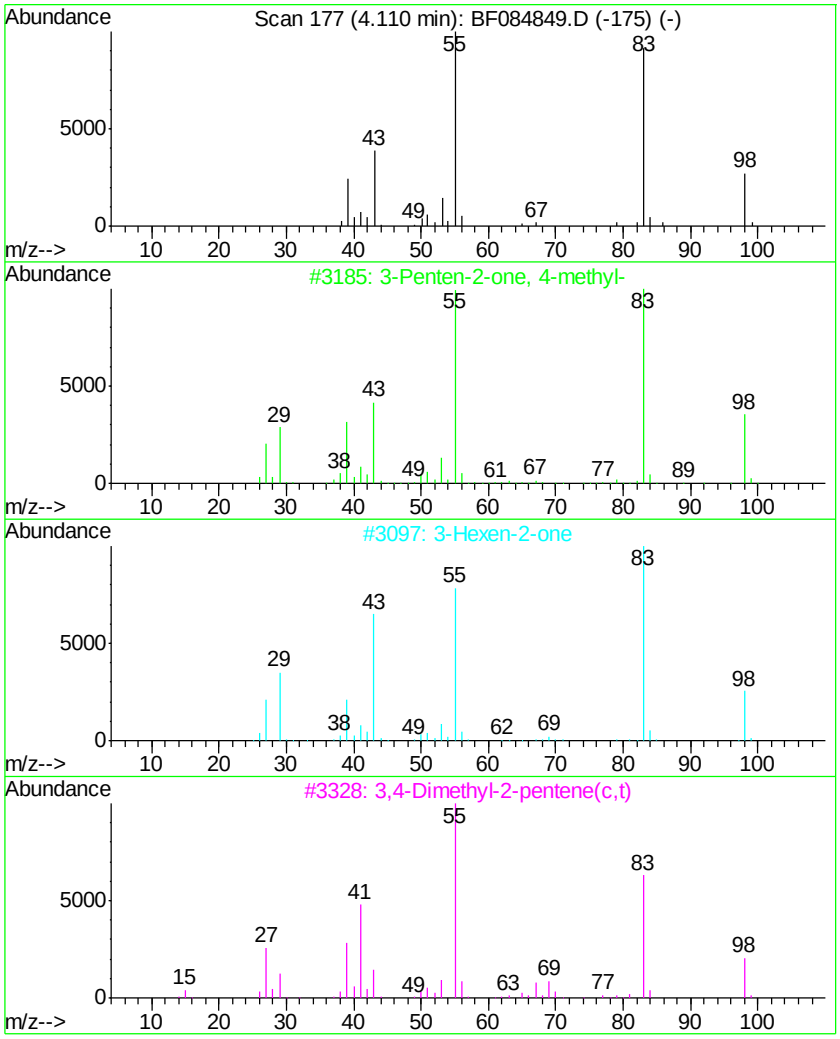
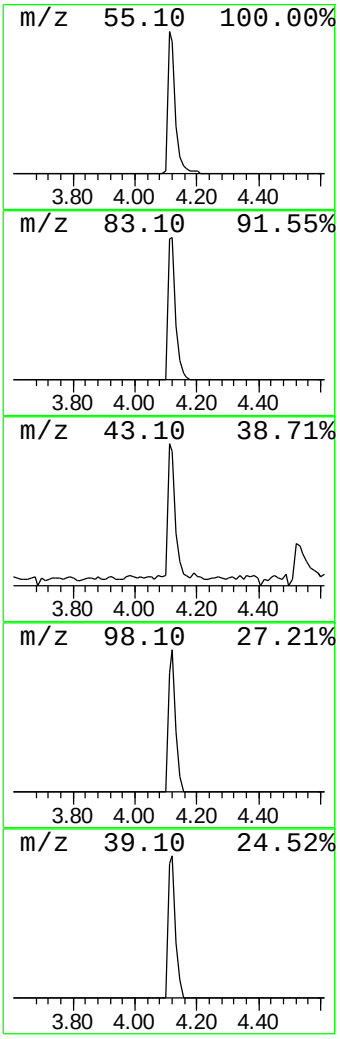
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	2.75 ng	116936	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	80





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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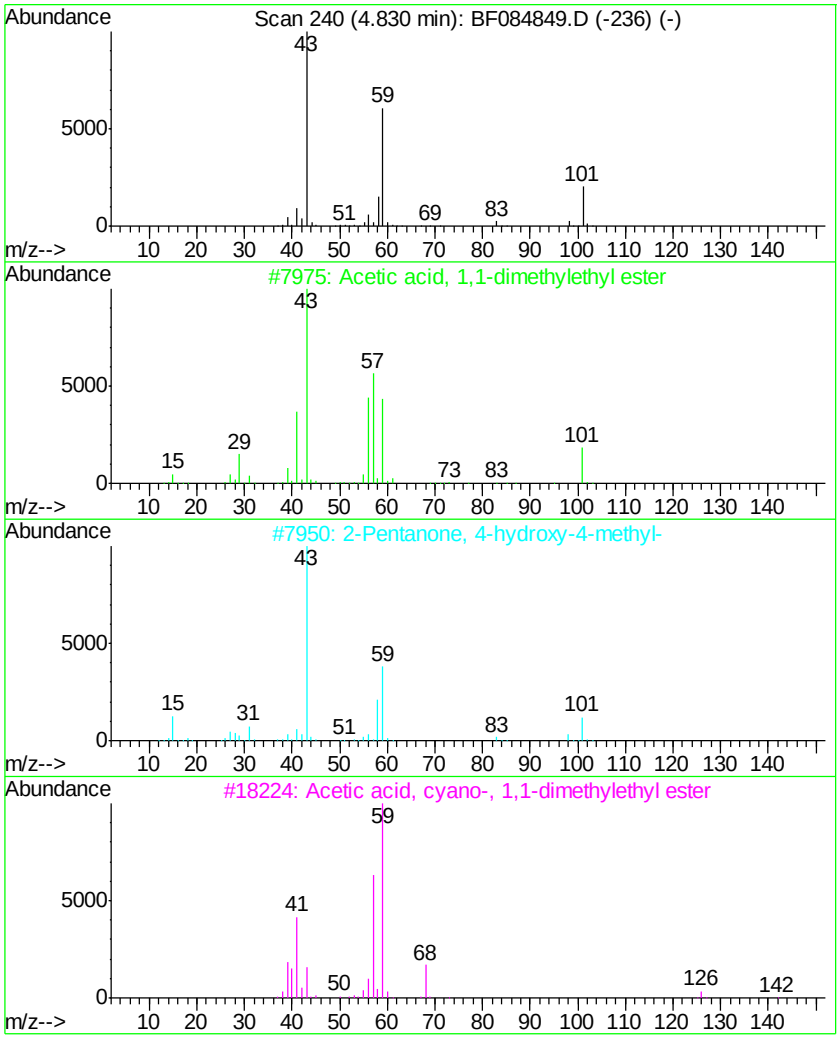
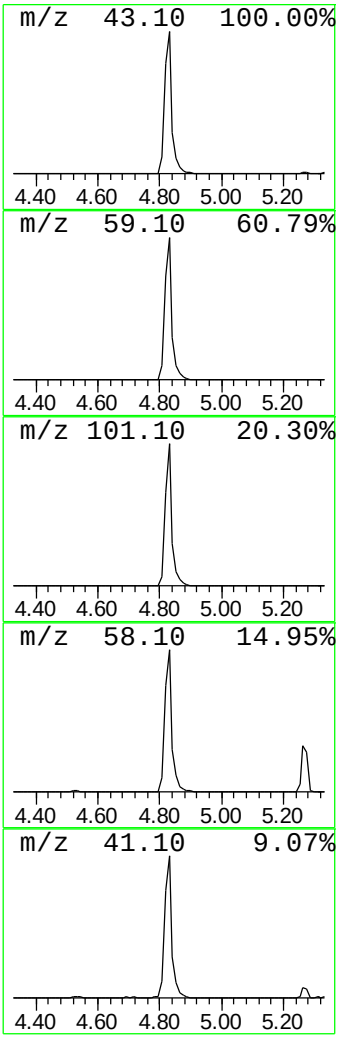
Peak Number 2 unknown4.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	44.72 ng	1904370	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : S4-B011(16-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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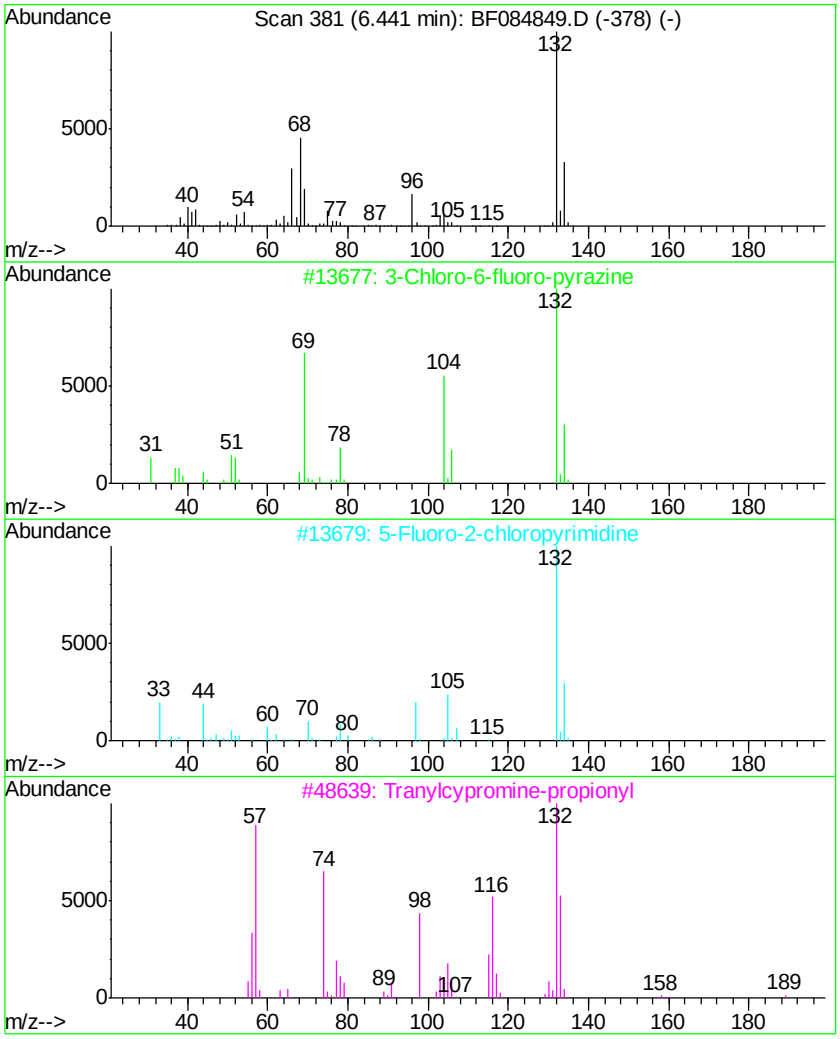
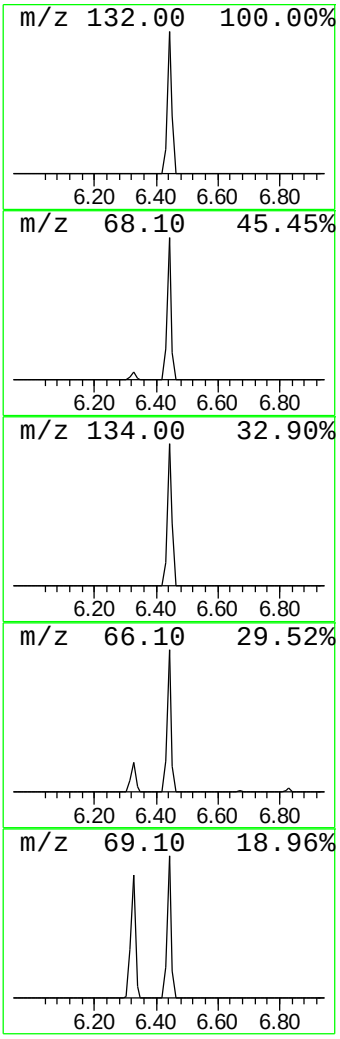
Peak Number 3 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	105.58 ng	4496320	1,4-Dichlorobenzene-d4	6.67

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Instrument : BNA_F
ClientSampleId : S4-B011(16-17)

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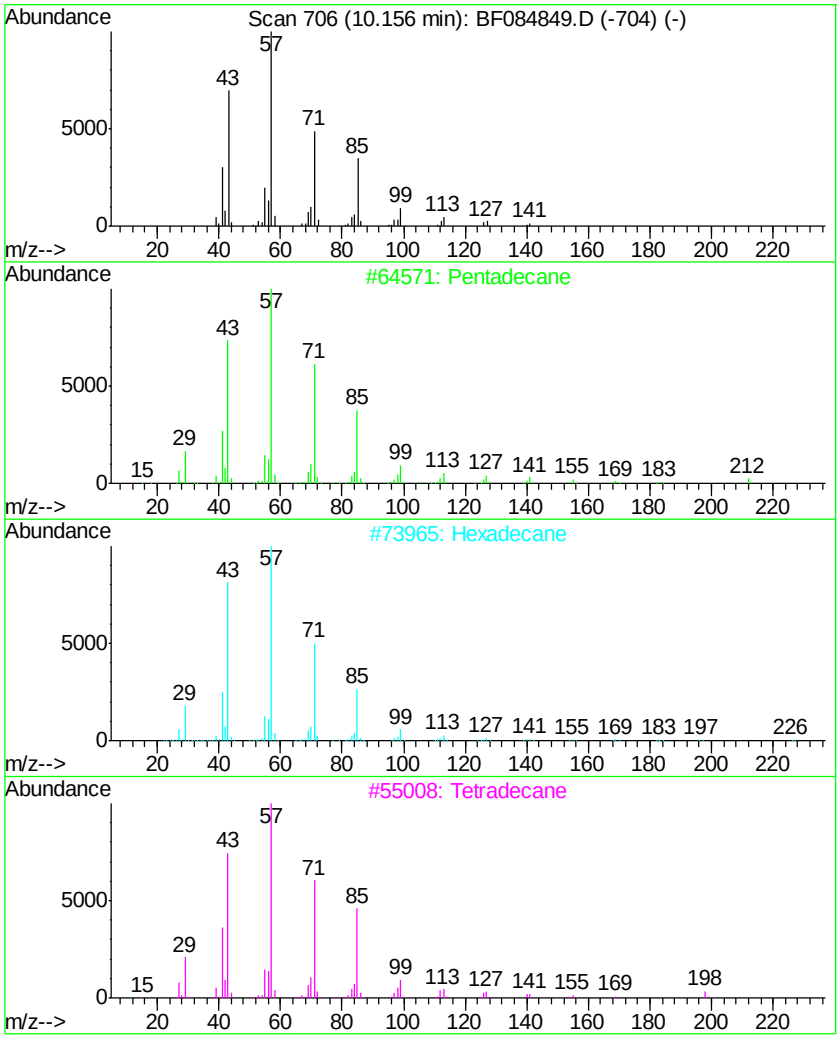
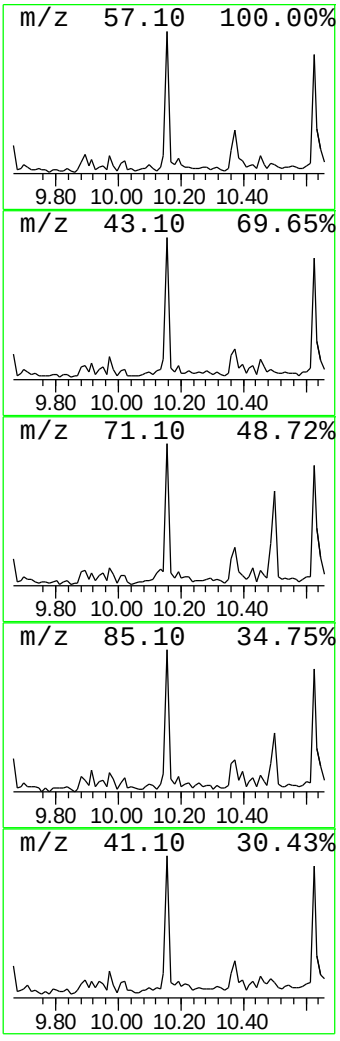
Peak Number 5 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.46 ng	150794	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Tridecane	184	C13H28	000629-50-5	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
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Instrument : BNA_F
ClientSampleId : S4-B011(16-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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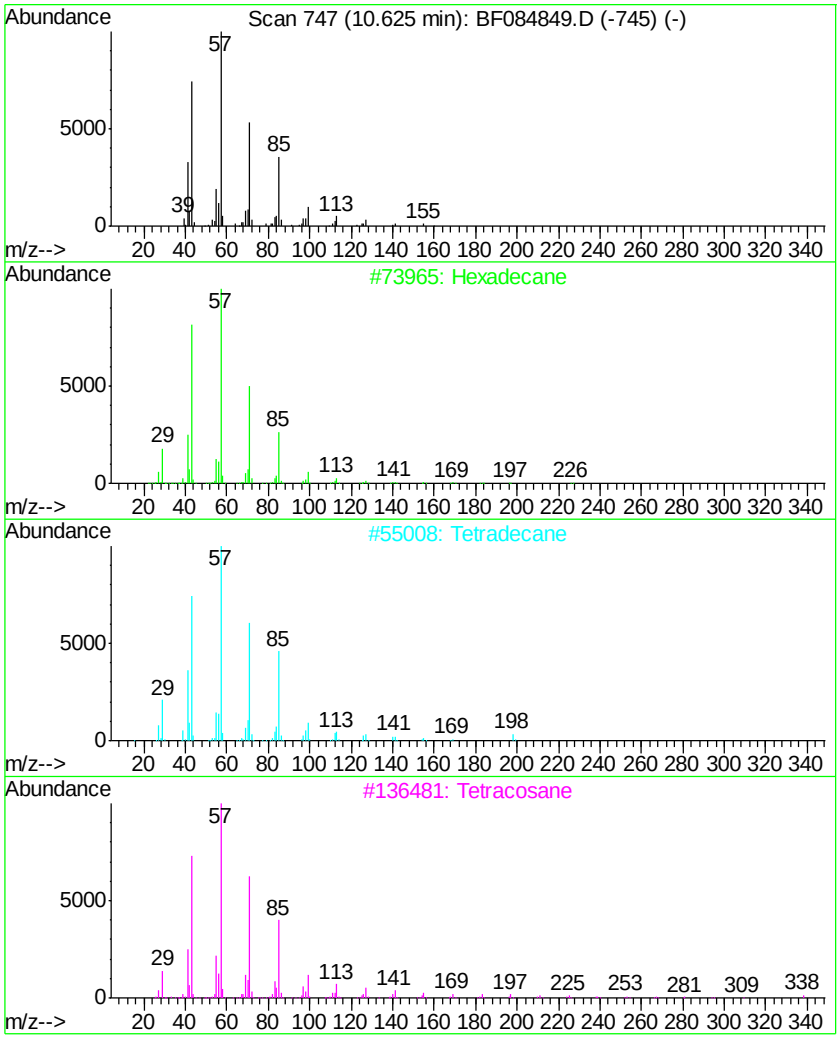
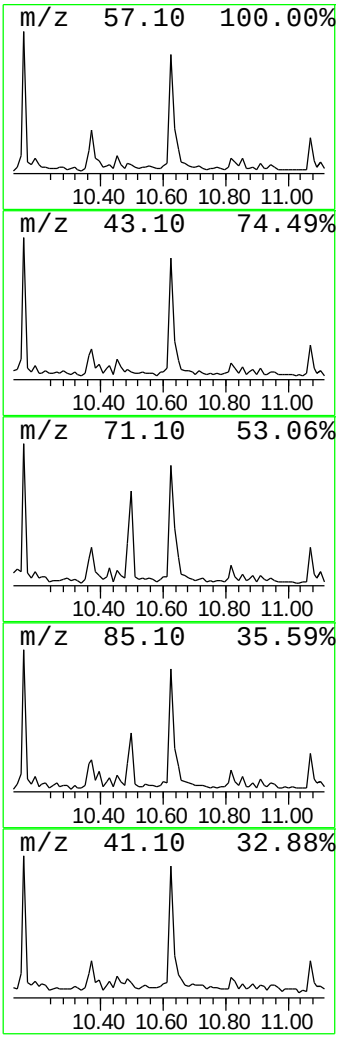
Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.63 ng	182859	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Eicosane	282	C20H42	000112-95-8	90





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

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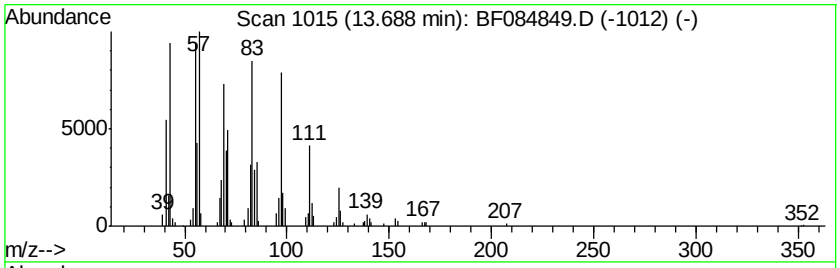
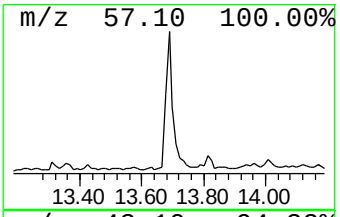
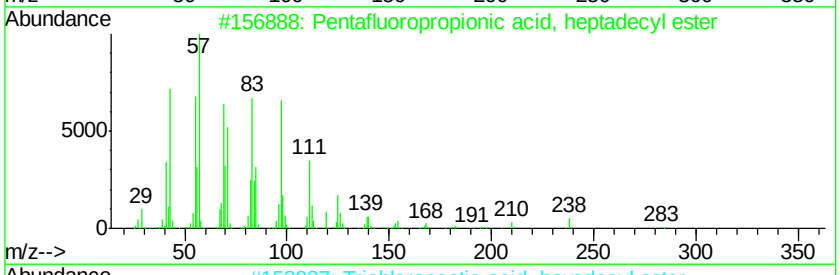
Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 4

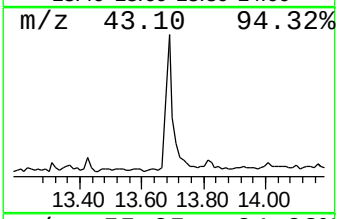
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	9.06 ng	372800	Chrysene-d12	13.81

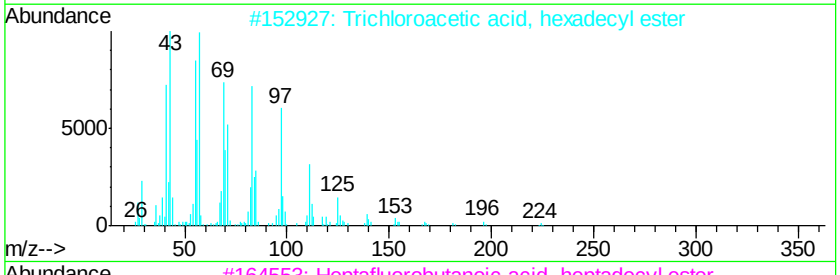
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	1-Nonadecene	266	C19H38	018435-45-5	91

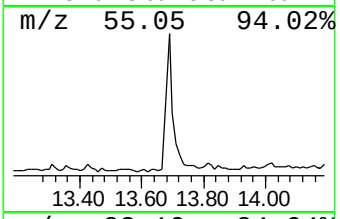


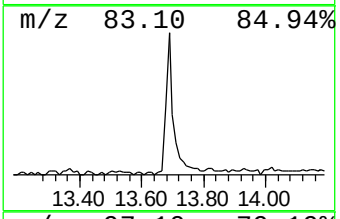


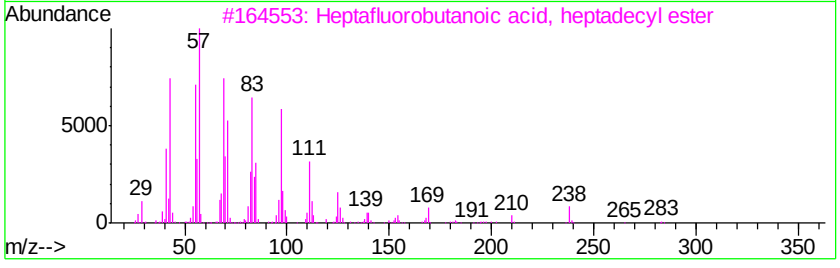


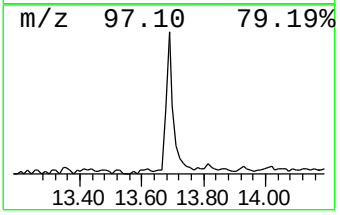












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.11	2.8	ng	116936	1	6.67	851781	20.0
unknown4.83	4.83	44.7	ng	1904370	1	6.67	851781	20.0
unknown6.44	6.44	105.6	ng	4496320	1	6.67	851781	20.0
Pentadecane	10.16	2.5	ng	150794	3	9.71	1227000	20.0
Hexadecane	10.62	3.6	ng	182859	4	11.18	1006540	20.0
Pentafluoropropio...	13.69	9.1	ng	372800	5	13.81	823154	20.0