LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084827.D
Acq On : 4 Feb 2016 11:08
Operator : SJ/IZ
Sample : H1322-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B014(10-12)

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	4.144	178	180	185	rBV	47569	81854	1.56%	0.189%
2	4.841	238	241	251	rVB	1234262	1851223	35.33%	4.286%
3	5.287	277	280	282	rBV	4079178	4980326	95.06%	11.529%
4	5.687	312	315	317	rBV	61101	56203	1.07%	0.130%
5	6.338	369	372	374	rBV	4270173	4600580	87.81%	10.650%
6	6.453	379	382	385	rBV	4383791	4367771	83.36%	10.111%
7	6.681	400	402	404	rBV	1224847	1054491	20.13%	2.441%
8	6.841	413	416	418	rBV	4135450	3619598	69.08%	8.379%
9	7.253	449	452	455	rBV	2440767	2733743	52.18%	6.329%
10	7.379	459	463	469	rVV	54240	81378	1.55%	0.188%
11	7.973	512	515	517	rBV	1691370	1460323	27.87%	3.381%
12	9.059	606	610	612	rBV	4350876	5239341	100.00%	12.129%
13	9.447	642	644	646	rBV	669779	609804	11.64%	1.412%
14	9.664	661	663	666	rBV	61683	66145	1.26%	0.153%
15	9.722	666	668	671	rVB	1728762	1477074	28.19%	3.419%
16	10.167	706	707	709	rVB	114788	80281	1.53%	0.186%
17	10.510	734	737	739	rBV	3137533	2977428	56.83%	6.893%
18	10.636	746	748	753	rVB	113376	125384	2.39%	0.290%
19	11.082	785	787	789	rBV	71506	68400	1.31%	0.158%
20	11.196	795	797	800	rVB	1179790	1267897	24.20%	2.935%
21	12.625	919	922	924	rBV	162865	146028	2.79%	0.338%
22	12.785	934	936	939	rBV	3223022	3970670	75.79%	9.192%
23	13.322	981	983	985	rBV	79504	90791	1.73%	0.210%
24	13.699	1014	1016	1025	rBV	138651	276033	5.27%	0.639%
25	13.825	1025	1027	1030	rBV	926436	1018984	19.45%	2.359%
26	15.208	1145	1148	1150	rBV	731415	894996	17.08%	2.072%

Sum of corrected areas: 43196746

LSC Report - Integrated Chromatogram

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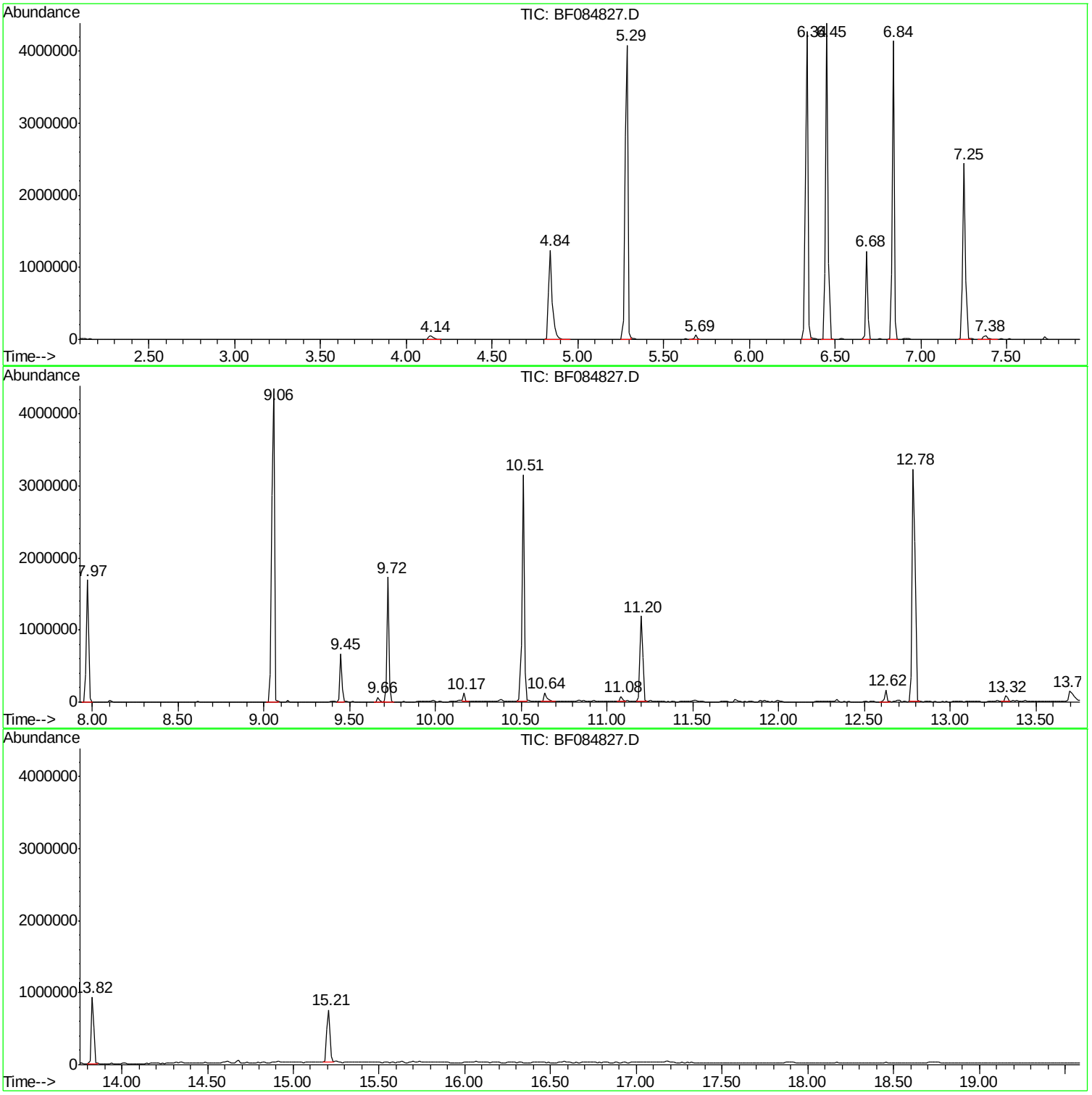
Instrument : BNA_F
ClientSampleId : S4-B014(10-12)

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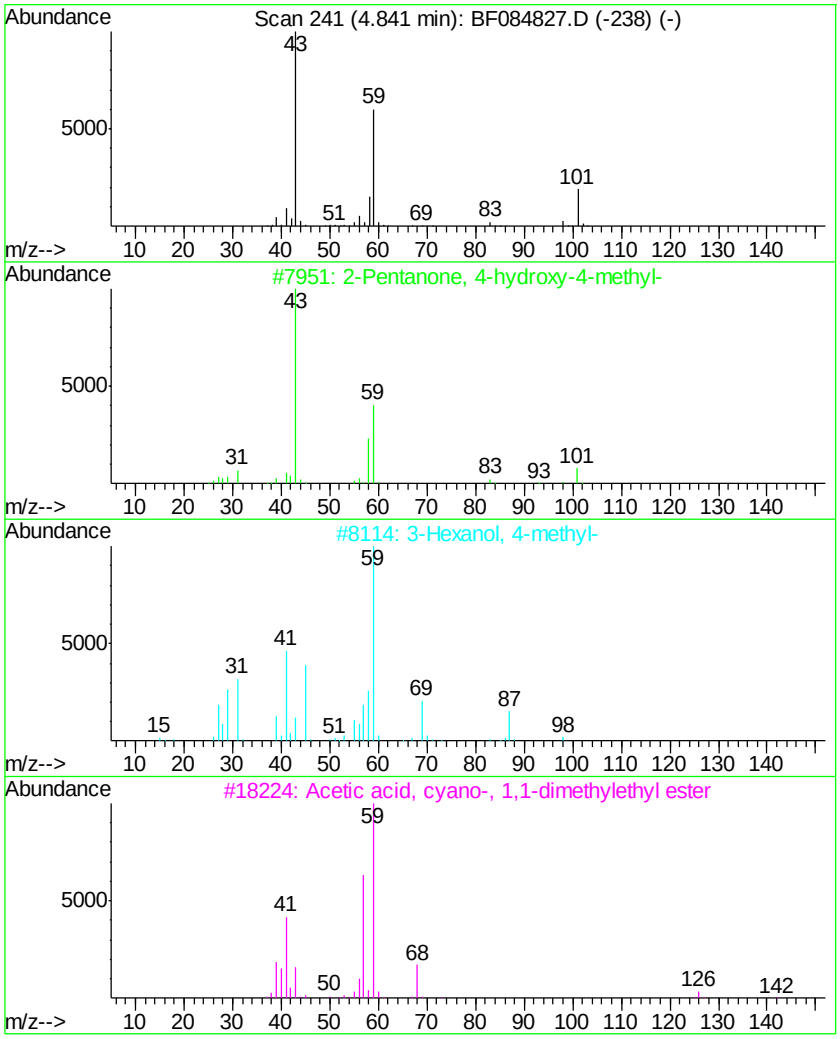
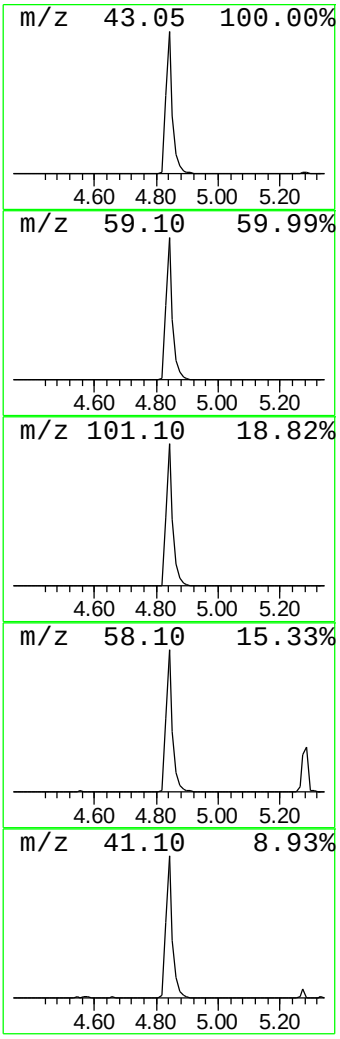
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	35.11 ng	1851220	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
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Sample : H1322-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B014(10-12)

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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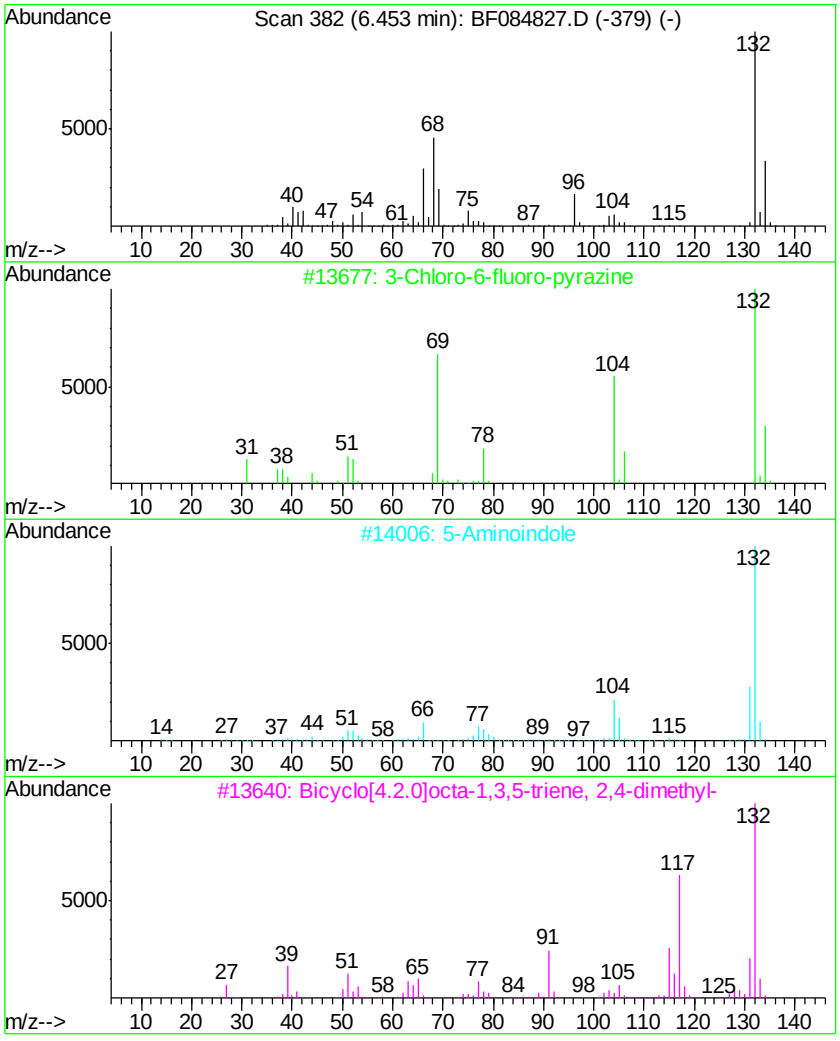
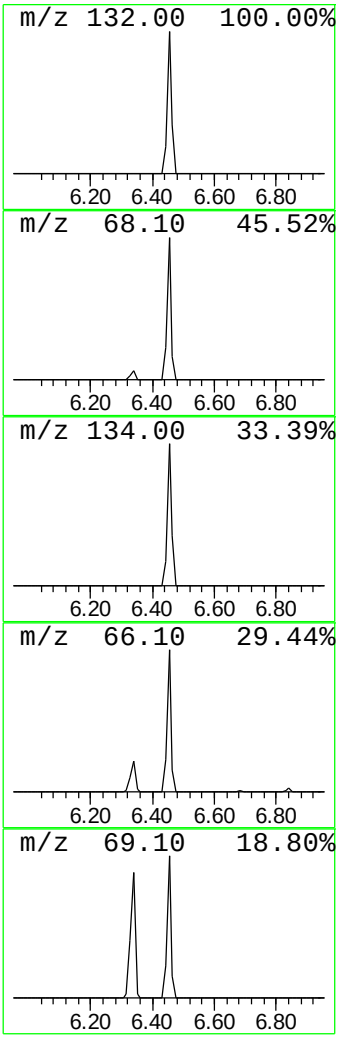
Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	82.84 ng	4367770	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H1322-11
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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B014(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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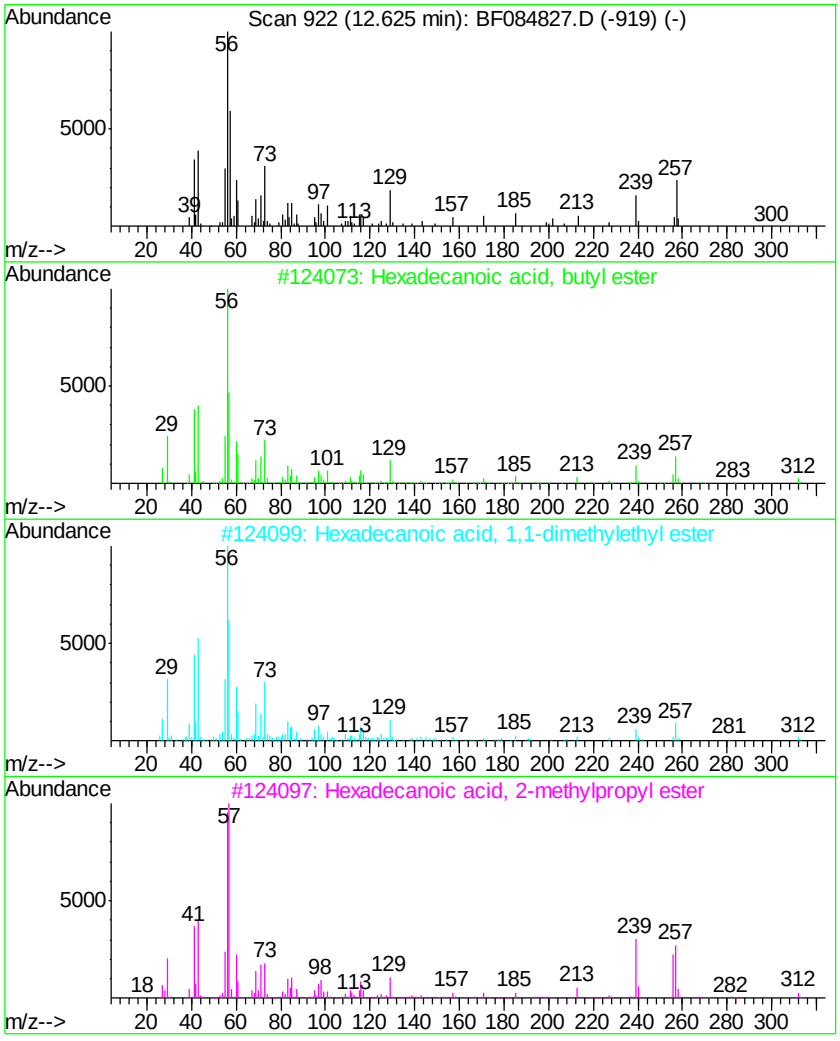
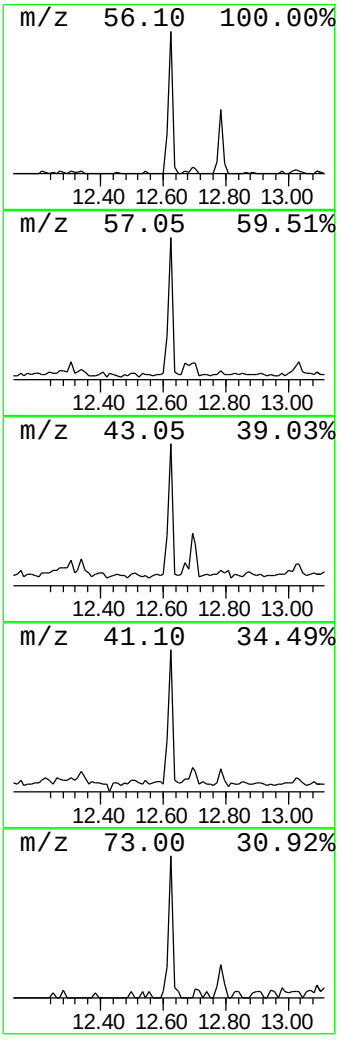
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.87 ng	146028	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	72
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	64
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	37
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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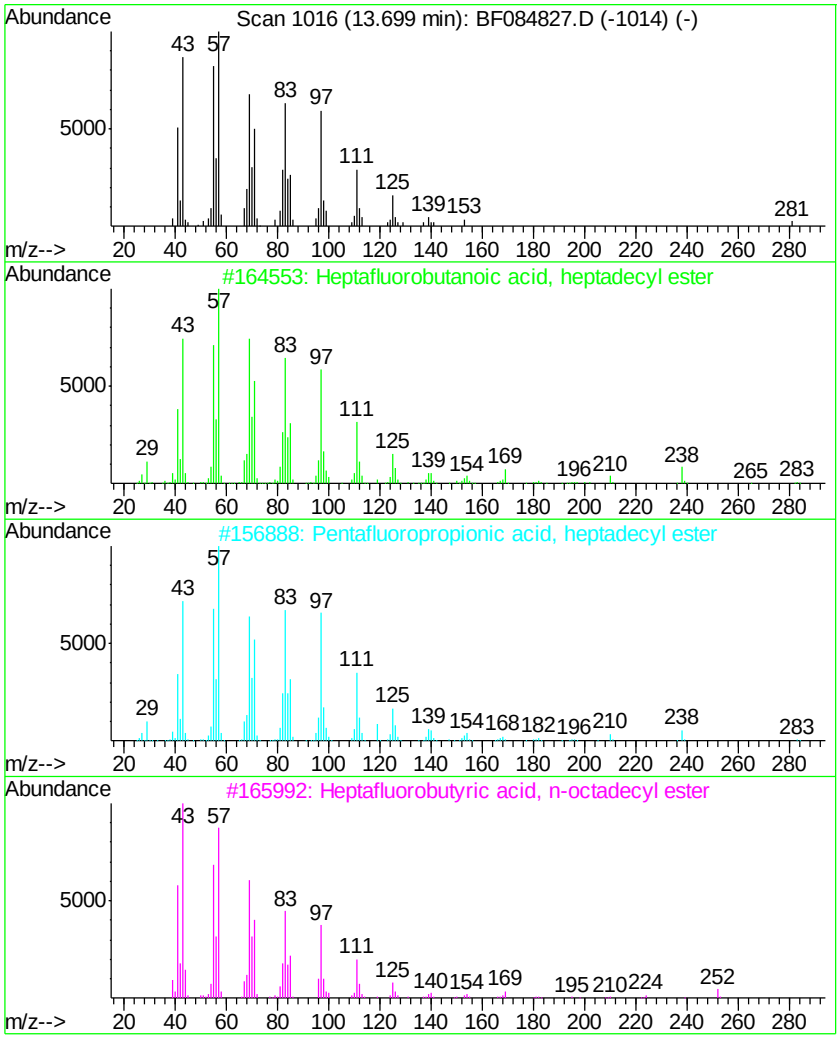
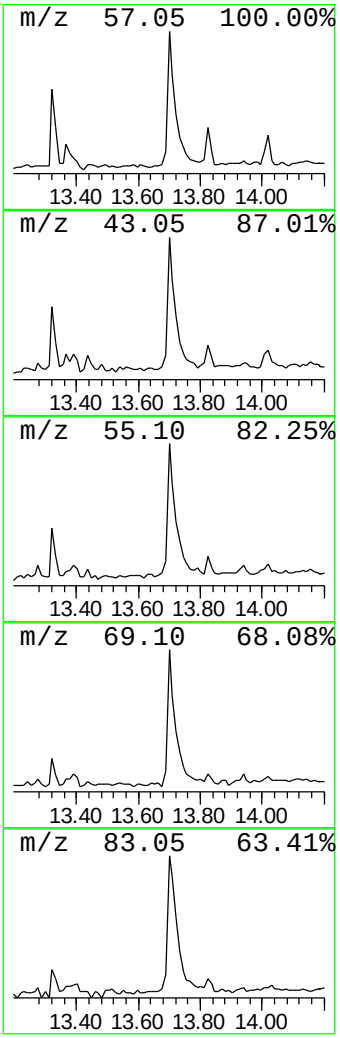
Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.42 ng	276033	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90





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...	4.84	35.1	ng	1851220	1	6.68	1054490	20.0
unknown6.45	6.45	82.8	ng	4367770	1	6.68	1054490	20.0
Hexadecanoic acid...	12.62	2.9	ng	146028	5	13.82	1018980	20.0
Heptafluorobutano...	13.70	5.4	ng	276033	5	13.82	1018980	20.0