LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083258.D
Acq On : 25 Nov 2015 1:36
Operator : UM/IZ
Sample : G4533-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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-BF112115.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	3.999	173	176	183	rBV	69504	133638	2.08%	0.327%
2	4.536	221	223	229	rBV	43787	71155	1.11%	0.174%
3	4.719	237	239	257	rVB	449777	729335	11.38%	1.783%
4	5.199	279	281	301	rBV	1834493	2043627	31.88%	4.997%
5	6.273	373	375	382	rBV	1072384	1248605	19.48%	3.053%
6	6.376	382	384	387	rBV	3310662	4022452	62.75%	9.836%
7	6.604	402	404	407	rBV	1137820	1107540	17.28%	2.708%
8	6.765	415	418	421	rBV	4536900	4137192	64.54%	10.117%
9	7.176	452	454	457	rBV	2765328	3531577	55.09%	8.636%
10	7.896	515	517	520	rBV	1561107	1385865	21.62%	3.389%
11	8.982	609	612	614	rBV	6674951	6410041	100.00%	15.675%
12	9.382	645	647	649	rBV	108773	103475	1.61%	0.253%
13	9.599	663	666	668	rBV	62640	65602	1.02%	0.160%
14	9.645	668	670	673	rVV	1768115	1583610	24.71%	3.872%
15	10.079	704	708	711	rBV2	56081	114464	1.79%	0.280%
16	10.433	736	739	742	rBV	3798807	3773372	58.87%	9.227%
17	10.571	749	751	757	rVB2	66319	106986	1.67%	0.262%
18	11.016	786	790	791	rBV2	56812	96823	1.51%	0.237%
19	11.119	797	799	802	rBV	1741265	1561728	24.36%	3.819%
20	11.176	802	804	810	rVB2	68346	83714	1.31%	0.205%
21	11.679	846	848	850	rBV	228083	296060	4.62%	0.724%
22	12.457	914	916	923	rBV	341867	374770	5.85%	0.916%
23	12.708	935	938	941	rBV	5300934	5553606	86.64%	13.580%
24	13.622	1016	1018	1026	rVB2	54300	86992	1.36%	0.213%
25	13.748	1026	1029	1031	rBV	1169834	1335861	20.84%	3.267%
26	15.097	1145	1147	1150	rBV	703252	936125	14.60%	2.289%

Sum of corrected areas: 40894215

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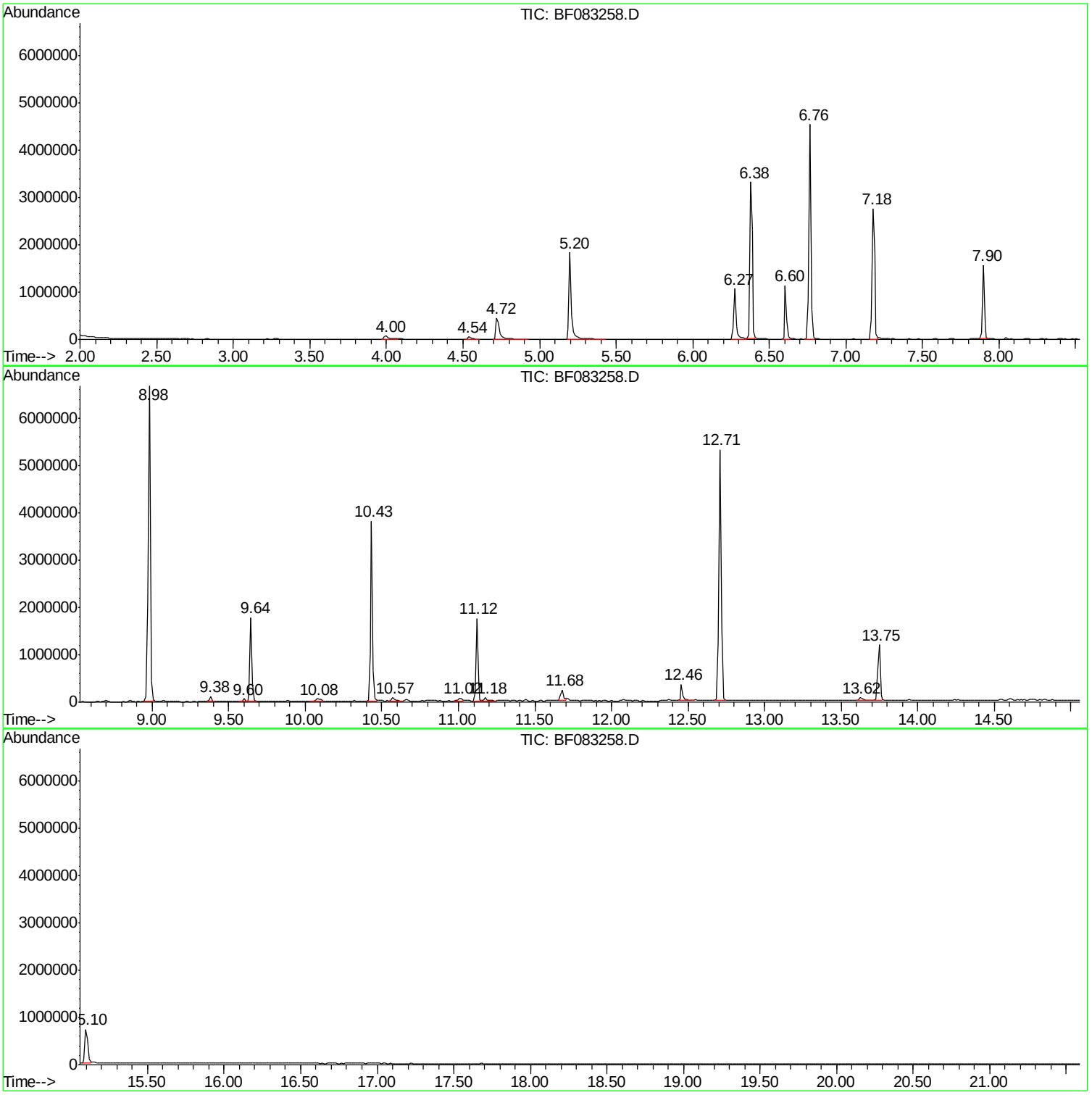
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
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Sample : G4533-01
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Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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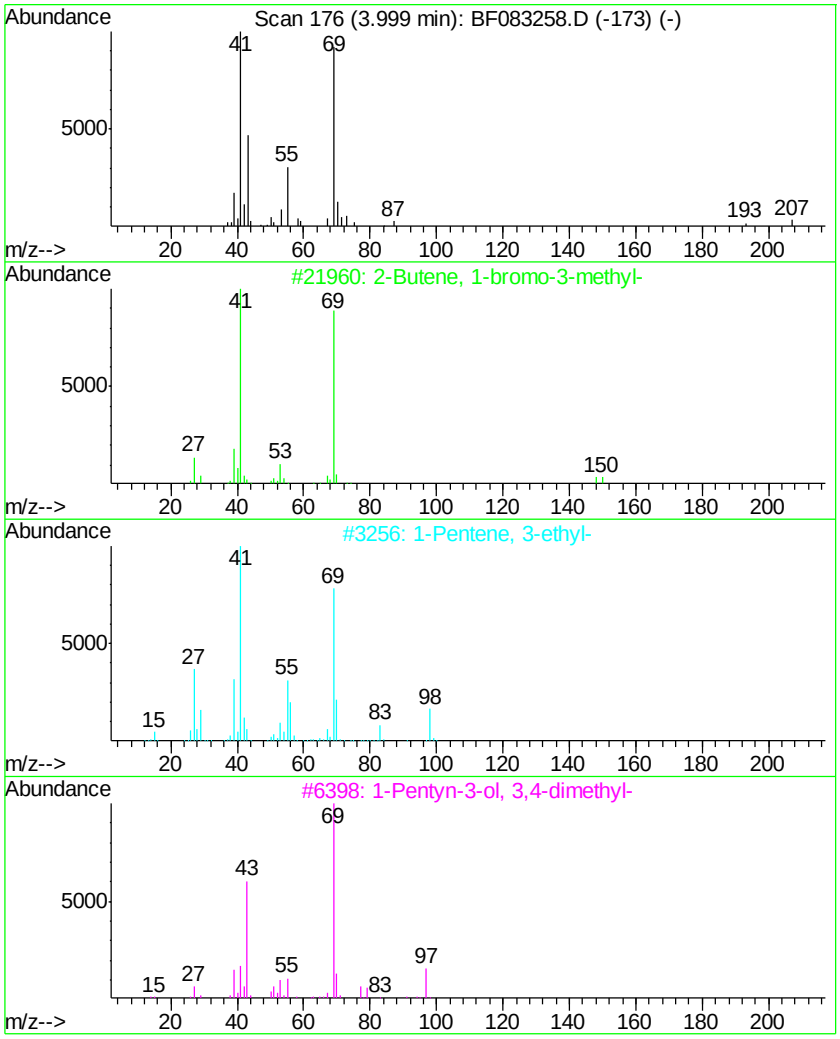
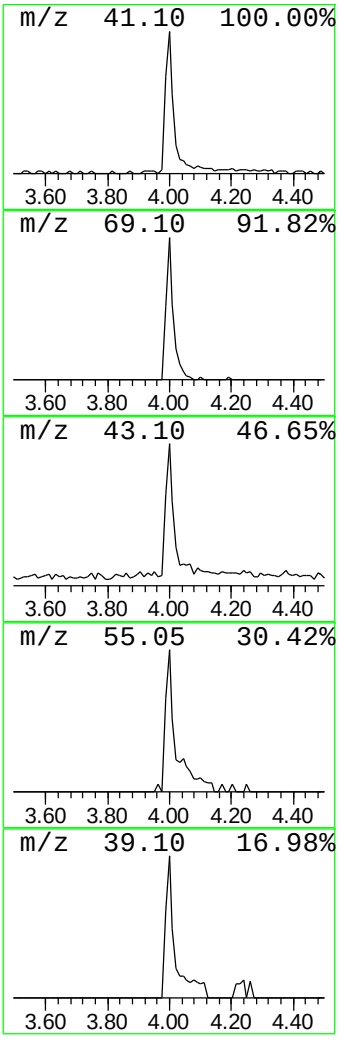
Peak Number 1 unknown4.00 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	2.41 ng	133638	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	38
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38
3	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	36
4	1-Pentyn-3-ol, 3-methyl-	98	C6H10O	000077-75-8	25
5	4-Trifluoroacetoxyoctane	226	C10H17F3O2	116465-17-9	10





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ClientSampleId : DSN001

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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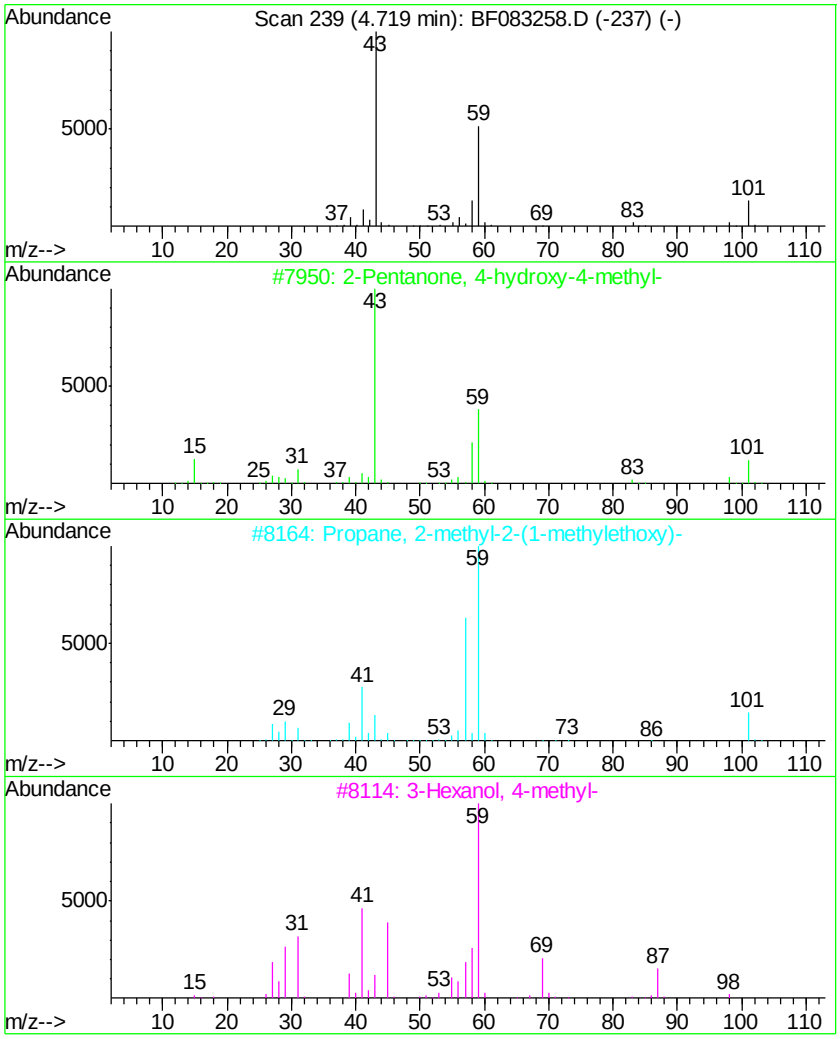
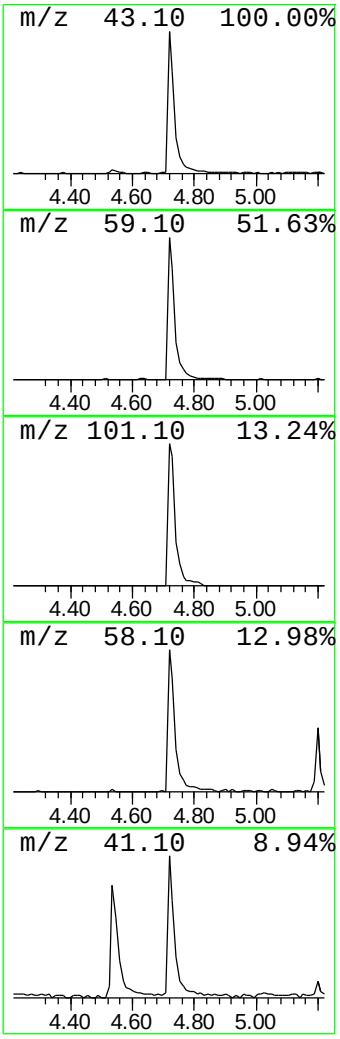
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	13.17 ng	729335	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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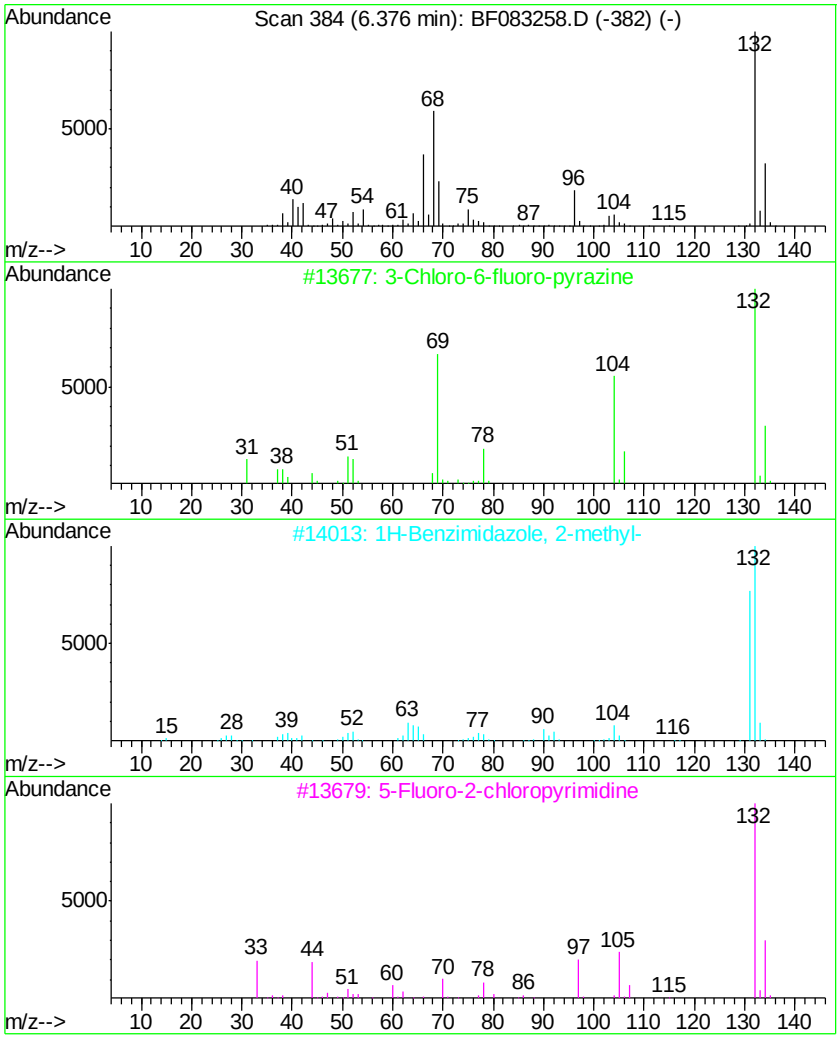
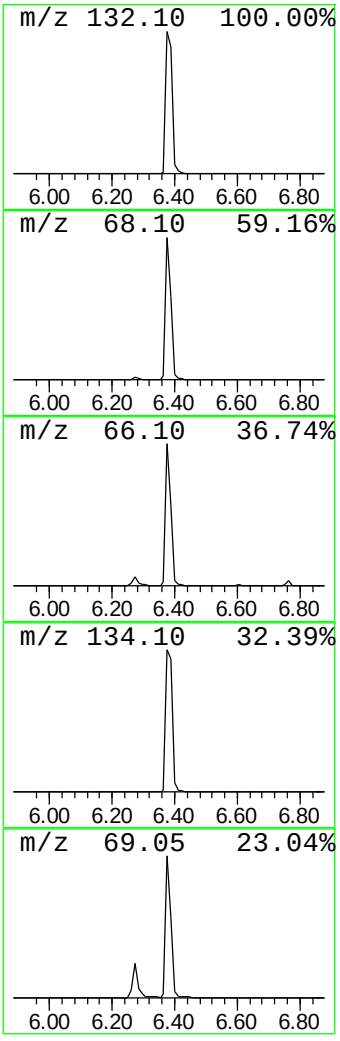
Peak Number 3 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	72.64 ng	4022450	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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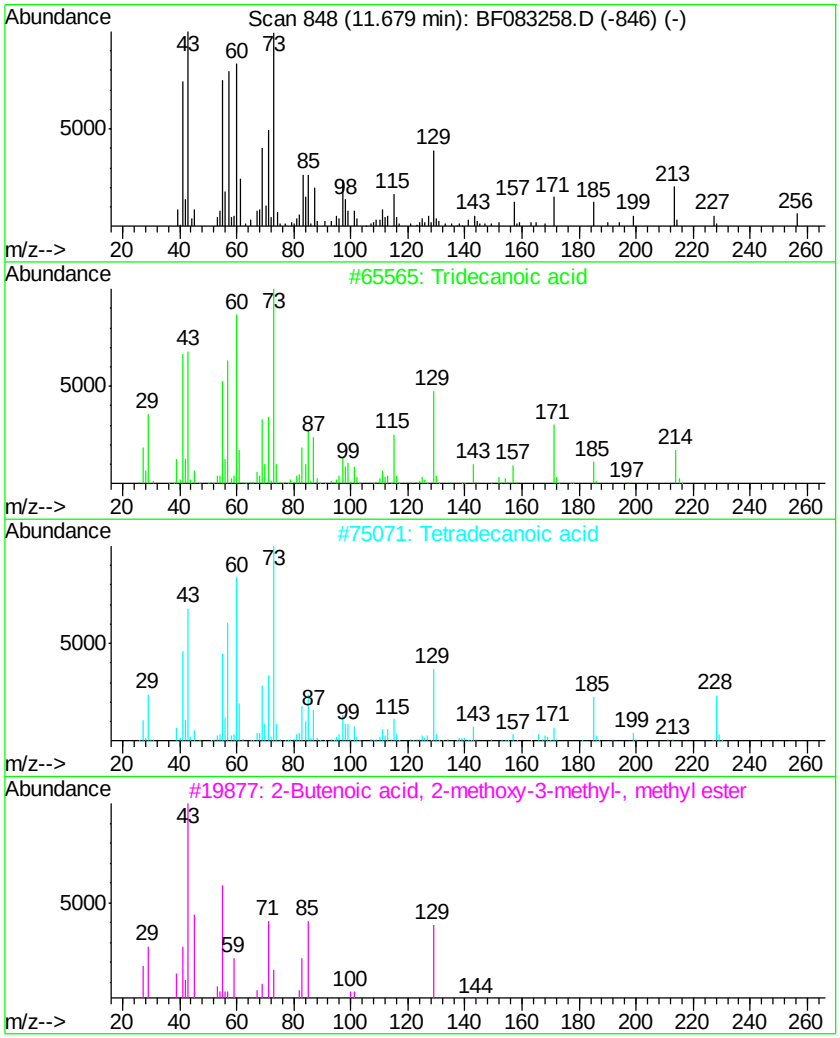
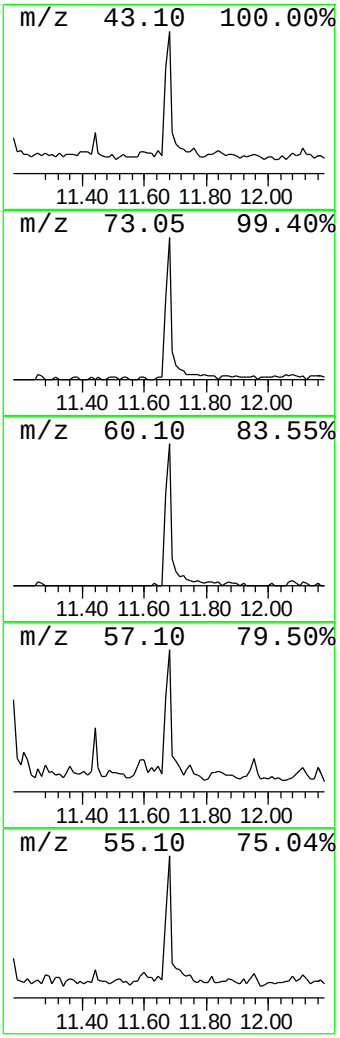
Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	3.79 ng	296060	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	20
4	Hexadecane	226	C16H34	000544-76-3	11
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11





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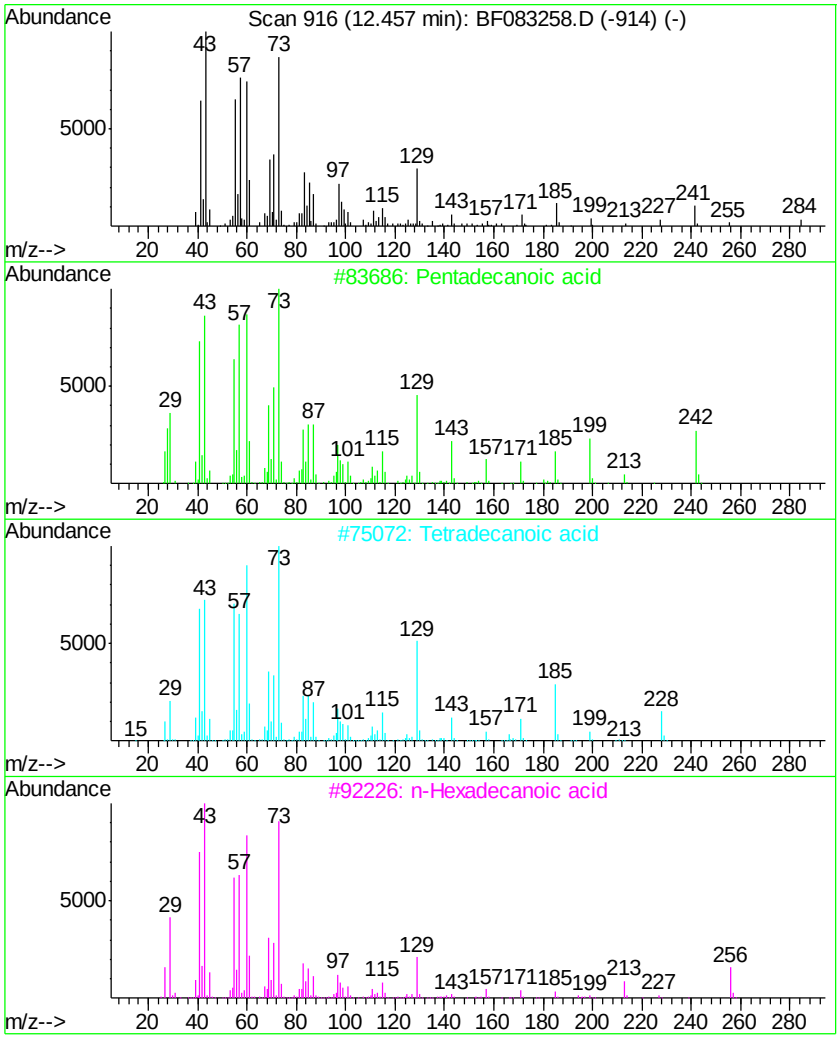
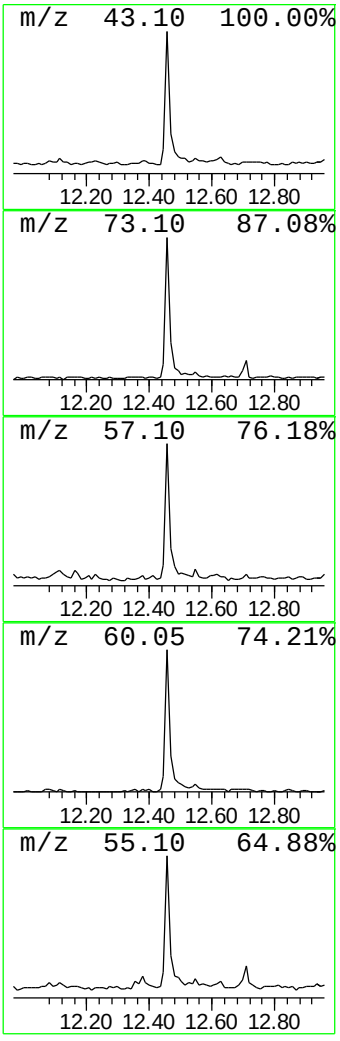
Peak Number 6 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.61 ng	374770	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	42





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
unknown4.00	4.00	2.4	ng	133638	1	6.60	1107540	20.0
2-Pentanone, 4-hy...	4.72	13.2	ng	729335	1	6.60	1107540	20.0
unknown6.38	6.38	72.6	ng	4022450	1	6.60	1107540	20.0
Tridecanoic acid	11.68	3.8	ng	296060	4	11.12	1561730	20.0
Pentadecanoic acid	12.46	5.6	ng	374770	5	13.75	1335860	20.0