LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089252.D
Acq On : 24 Jul 2016 1:01
Operator : UM/SJ
Sample : H4154-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-EW-1

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-BF072016.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	9	11	47	rVB	784145	1582035	100.00%	11.762%
2	4.707	271	273	281	rBV	37770	65332	4.13%	0.486%
3	5.164	311	313	333	rBV	1038771	1355731	85.70%	10.079%
4	6.239	405	407	414	rBV	1153283	1432337	90.54%	10.649%
5	6.353	414	417	419	rBV	909942	1312443	82.96%	9.757%
6	6.582	434	437	448	rBV	200753	266249	16.83%	1.979%
7	6.730	448	450	453	rBV	999353	995195	62.91%	7.399%
8	7.153	484	487	496	rBV	656790	874260	55.26%	6.500%
9	7.862	547	549	560	rBV	403228	399814	25.27%	2.972%
10	8.948	641	644	646	rBV	1281218	1571761	99.35%	11.685%
11	9.336	676	678	681	rBV	202616	288561	18.24%	2.145%
12	9.611	699	702	704	rBV	408212	416338	26.32%	3.095%
13	10.399	768	771	773	rBV	563612	759607	48.01%	5.647%
14	10.525	781	782	787	rVB	19931	29501	1.86%	0.219%
15	10.971	819	821	823	rBV	20766	23861	1.51%	0.177%
16	11.085	828	831	833	rBV	313040	350174	22.13%	2.603%
17	12.502	953	955	958	rBV	78655	79524	5.03%	0.591%
18	12.662	967	969	972	rBV	954316	973634	61.54%	7.239%
19	13.211	1015	1017	1019	rBV2	44703	48107	3.04%	0.358%
20	13.577	1046	1049	1057	rBV	54384	94129	5.95%	0.700%
21	13.702	1057	1060	1067	rBV	239767	246282	15.57%	1.831%
22	14.194	1099	1103	1108	rBV4	6175	19642	1.24%	0.146%
23	15.040	1175	1177	1180	rBV	146634	230418	14.56%	1.713%
24	15.097	1180	1182	1185	rVB	10152	16358	1.03%	0.122%
25	15.508	1215	1218	1225	rVB4	6025	19455	1.23%	0.145%

Sum of corrected areas: 13450748

LSC Report - Integrated Chromatogram

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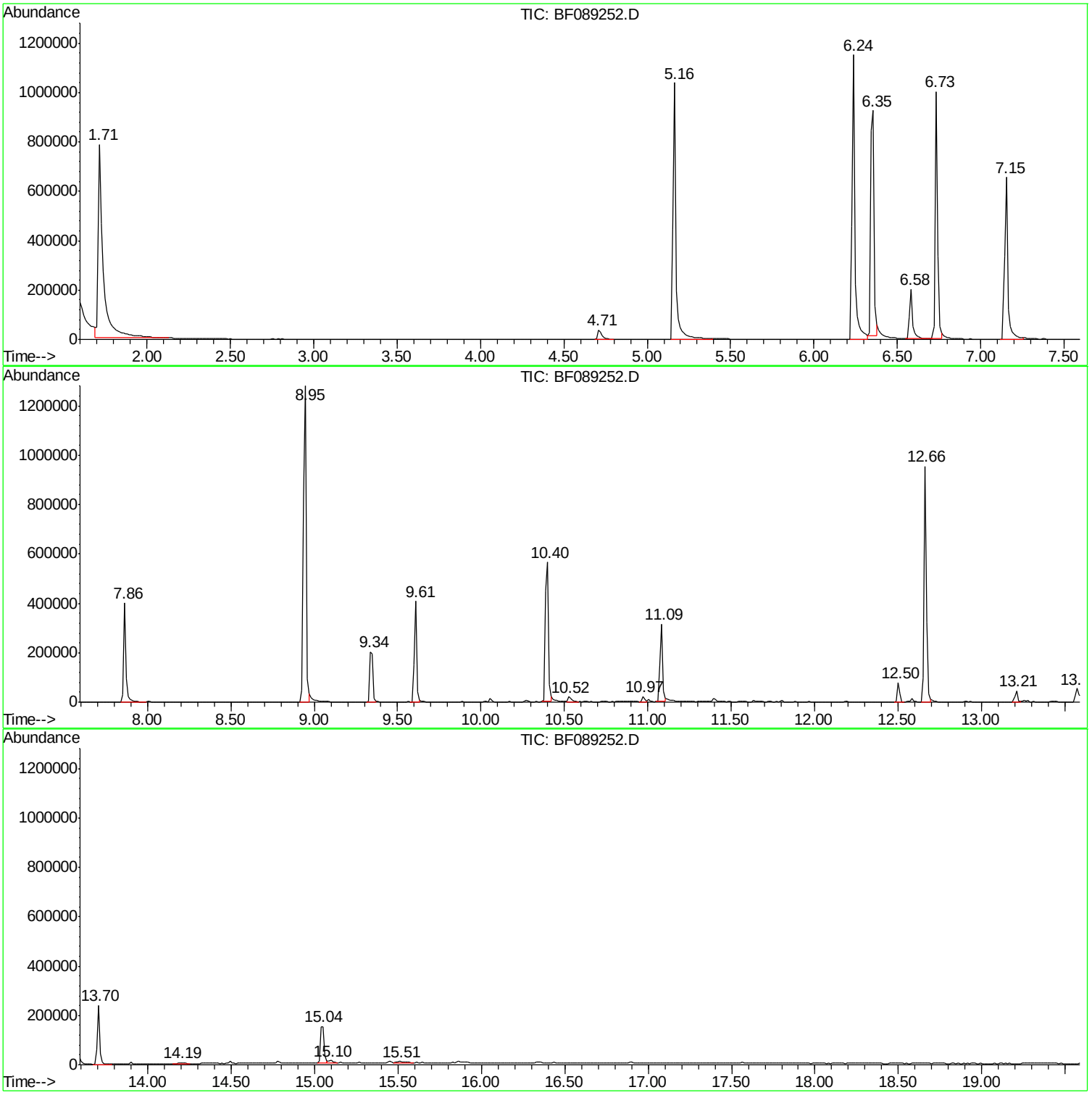
Instrument :
BNA_F
ClientSampleId :
GCF-EW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId : GCF-EW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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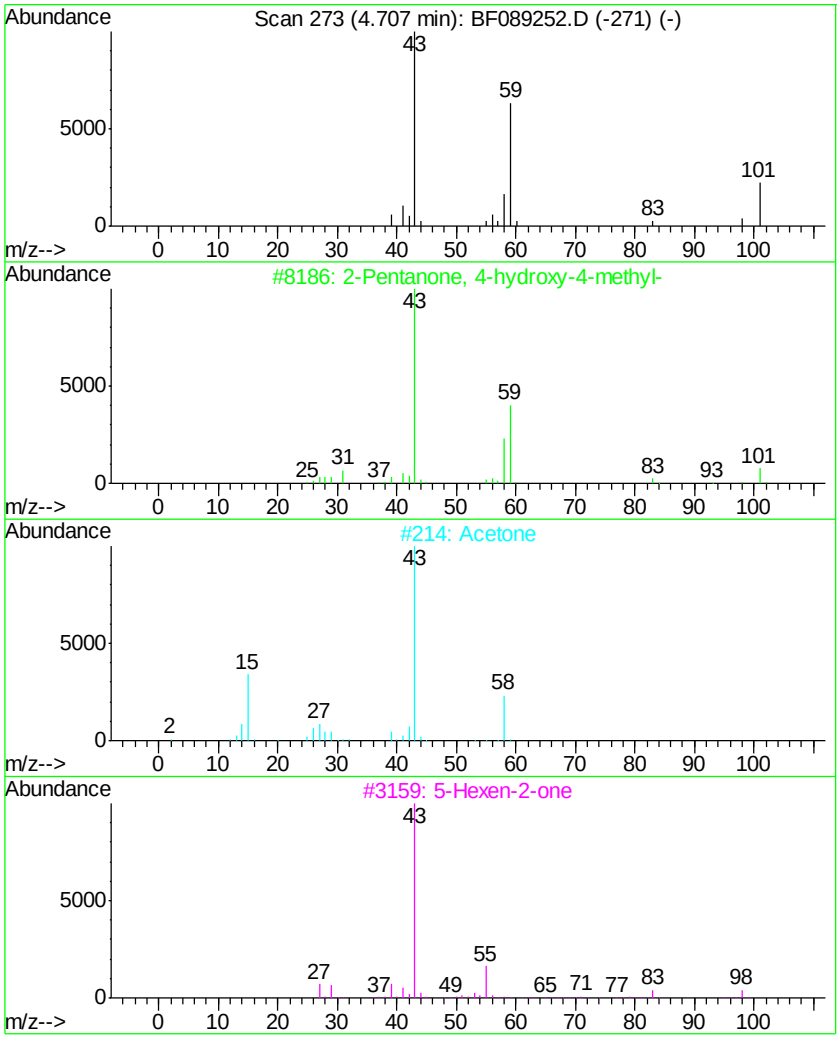
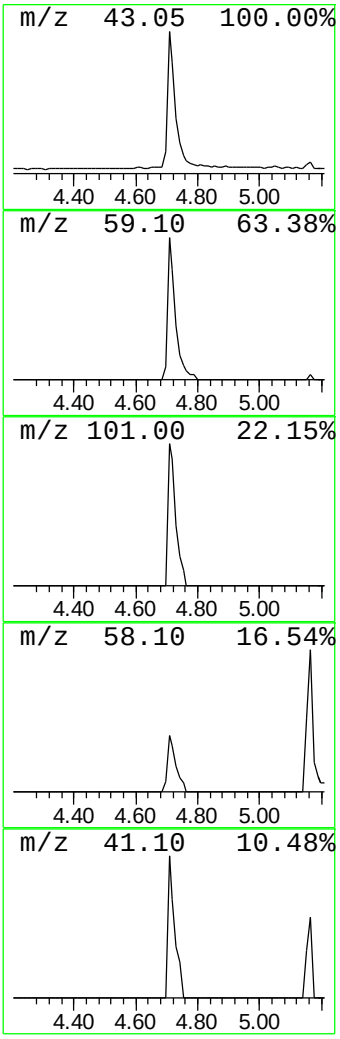
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	4.91 ng	65332	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	56
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Pentanol	88	C5H12O	000584-02-1	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-EW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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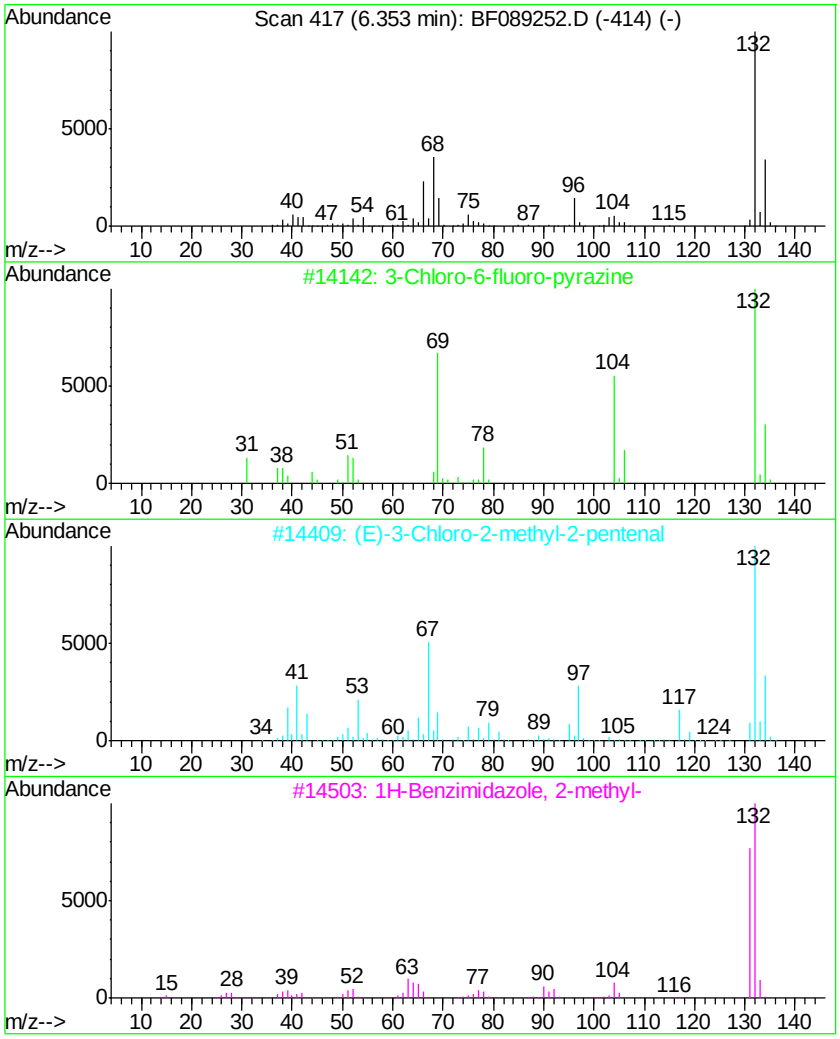
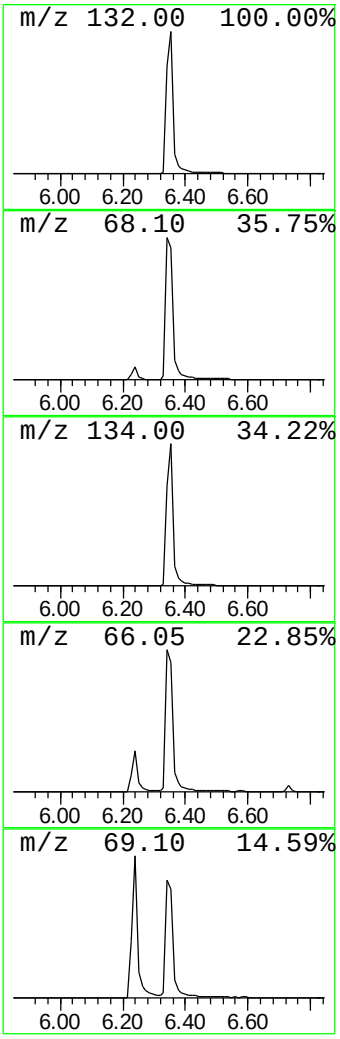
Peak Number 3 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	98.59 ng	1312440	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





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Sample : H4154-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-EW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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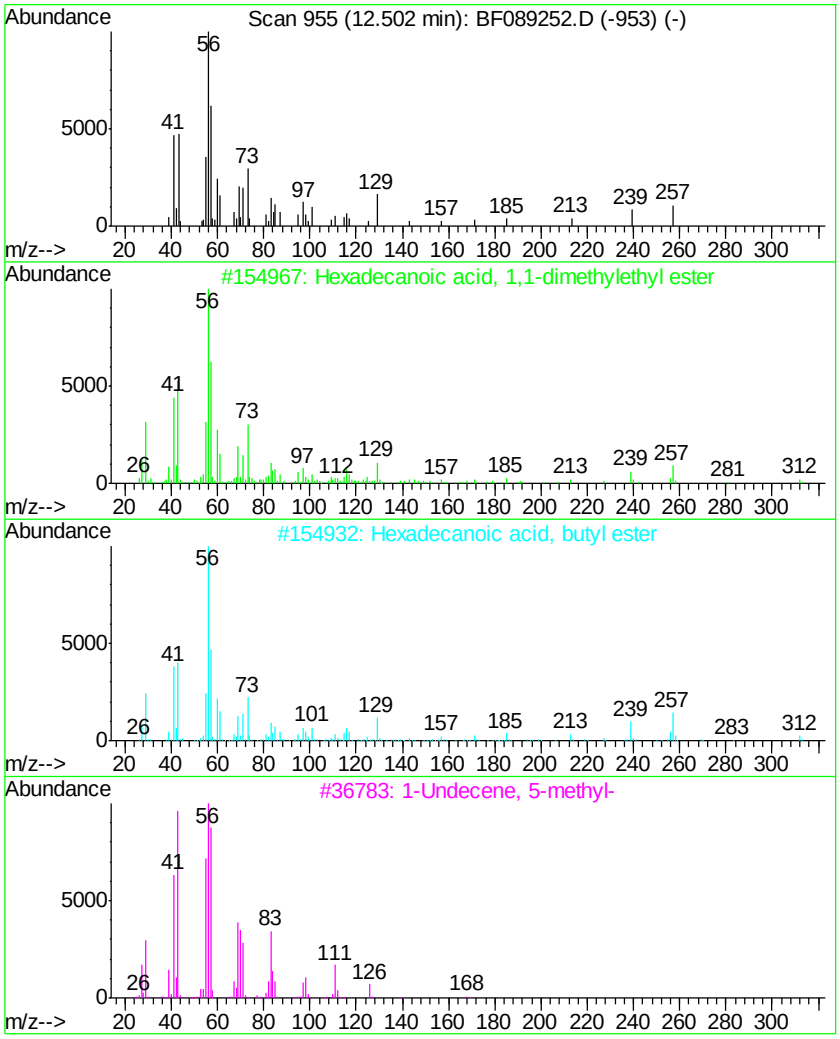
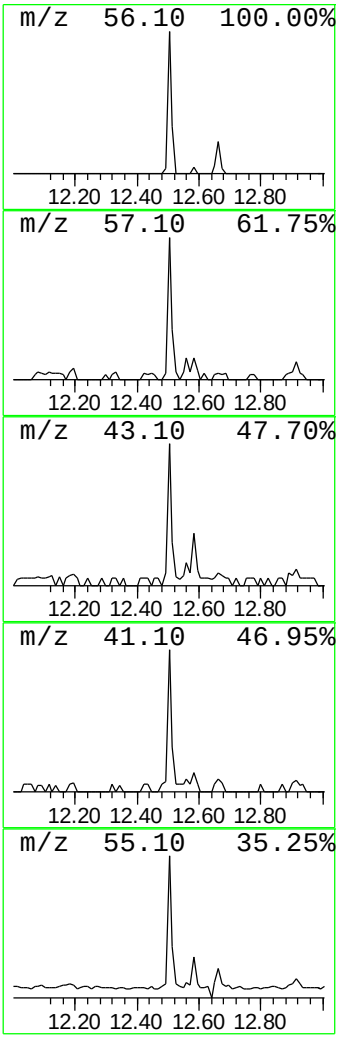
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.46 ng	79524	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	38
4	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	35





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Instrument : BNA_F
ClientSampleId : GCF-EW-1

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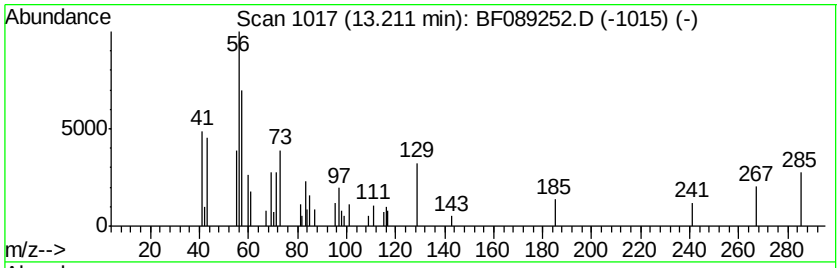
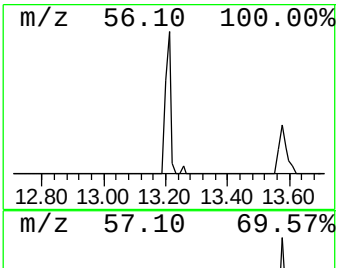
Peak Number 6 unknown13.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.91 ng	48107	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nipecotic acid	129	C6H11NO2	000498-95-3	35
2	2-Methyl-1-octadecene	266	C19H38	061868-20-0	32
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	22
4	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	22
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	22





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ClientSampleId : GCF-EW-1

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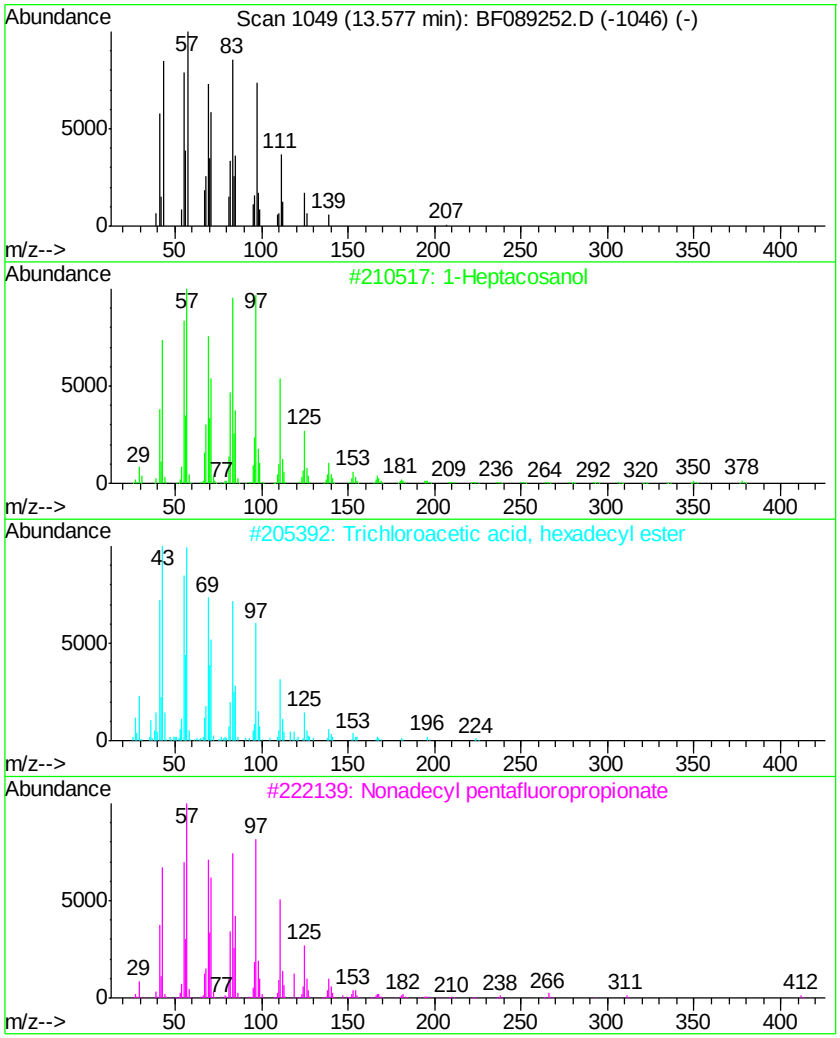
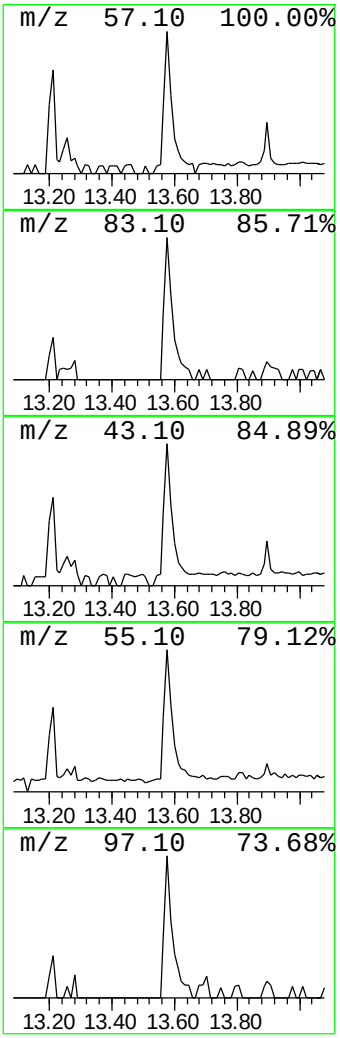
Peak Number 7 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	7.64 ng	94129	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	1-Docosene	308	C22H44	001599-67-3	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...	4.71	4.9	ng	65332	1	6.58	266249	20.0
unknown6.35	6.35	98.6	ng	1312440	1	6.58	266249	20.0
Hexadecanoic acid...	12.50	6.5	ng	79524	5	13.70	246282	20.0
unknown13.21	13.21	3.9	ng	48107	5	13.70	246282	20.0
1-Heptacosanol	13.58	7.6	ng	94129	5	13.70	246282	20.0