LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089241.D
Acq On : 23 Jul 2016 17:09
Operator : UM/SJ
Sample : H4154-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-SW-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	50	rVB	780967	1597074	92.74%	10.117%
2	4.719	272	274	281	rBV	38463	71808	4.17%	0.455%
3	5.164	310	313	337	rBV	1149850	1500454	87.13%	9.505%
4	6.239	404	407	414	rBV	1213710	1548642	89.93%	9.811%
5	6.353	414	417	432	rVB	991706	1599045	92.85%	10.130%
6	6.582	435	437	448	rBV	186714	246810	14.33%	1.564%
7	6.730	448	450	466	rVB	1074280	1155935	67.12%	7.323%
8	7.153	484	487	505	rBV	739922	1033684	60.02%	6.548%
9	7.862	547	549	560	rBV	354313	383781	22.29%	2.431%
10	8.948	641	644	646	rBV	1256890	1722111	100.00%	10.909%
11	9.348	676	679	681	rBV	258600	380011	22.07%	2.407%
12	9.382	681	682	696	rVB	33144	61710	3.58%	0.391%
13	9.611	699	702	704	rBV	399526	429524	24.94%	2.721%
14	10.399	768	771	780	rBV	876720	1113621	64.67%	7.055%
15	10.525	780	782	787	rVB	15548	24287	1.41%	0.154%
16	10.971	819	821	823	rBV	16469	17621	1.02%	0.112%
17	11.085	829	831	835	rBV	354528	430557	25.00%	2.728%
18	12.502	953	955	958	rBV	95025	102197	5.93%	0.647%
19	12.662	967	969	972	rBV	1088820	1568527	91.08%	9.937%
20	13.211	1015	1017	1019	rBV	68391	71388	4.15%	0.452%
21	13.577	1046	1049	1058	rBV	54651	104102	6.05%	0.659%
22	13.702	1058	1060	1068	rVV	335950	352165	20.45%	2.231%
23	14.777	1151	1154	1156	rBV	16412	17713	1.03%	0.112%
24	15.040	1175	1177	1180	rBV	171289	233925	13.58%	1.482%
25	15.097	1180	1182	1189	rVB2	11283	18771	1.09%	0.119%

Sum of corrected areas: 15785463

LSC Report - Integrated Chromatogram

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Misc :
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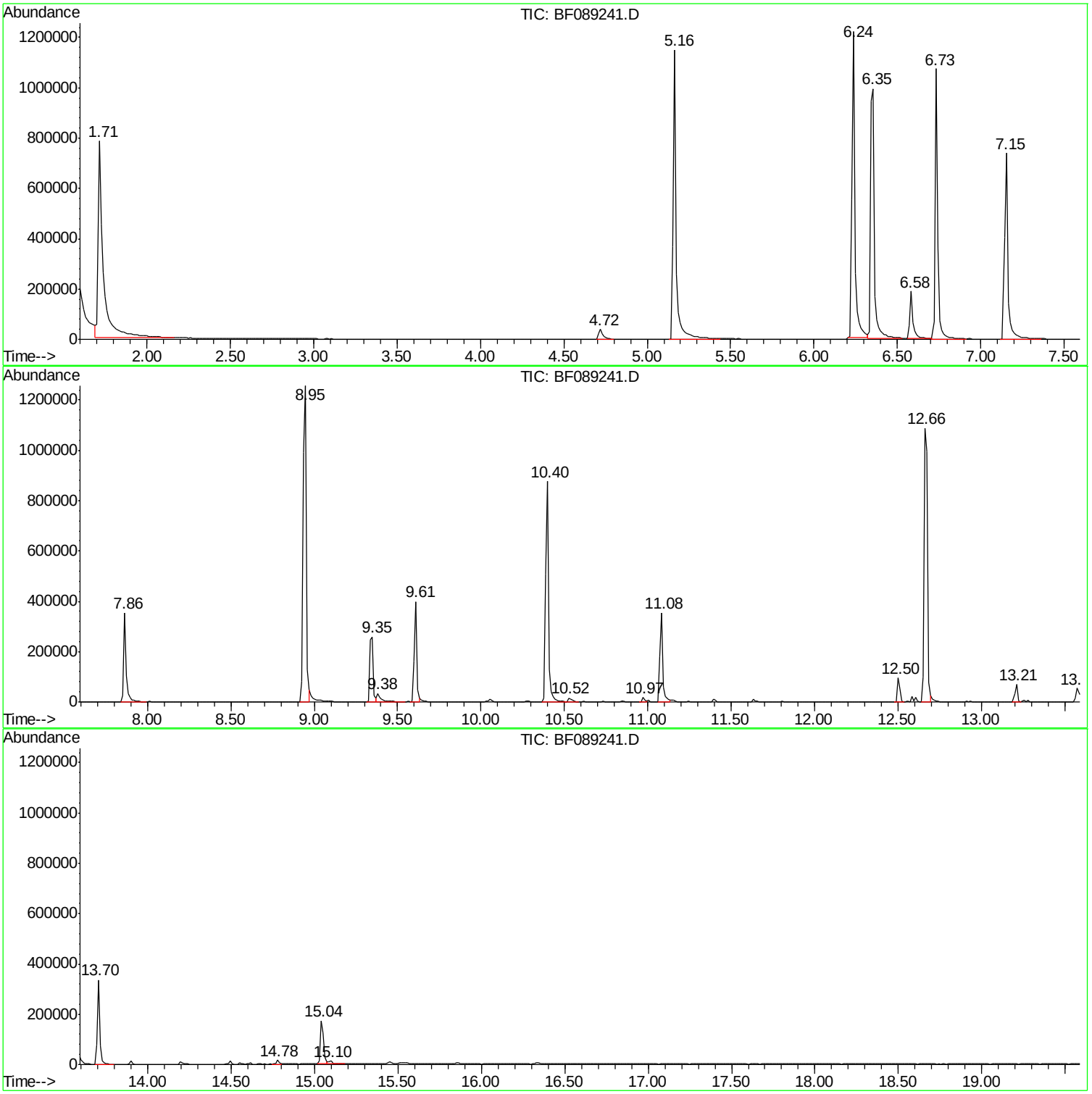
Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

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-SW-1

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

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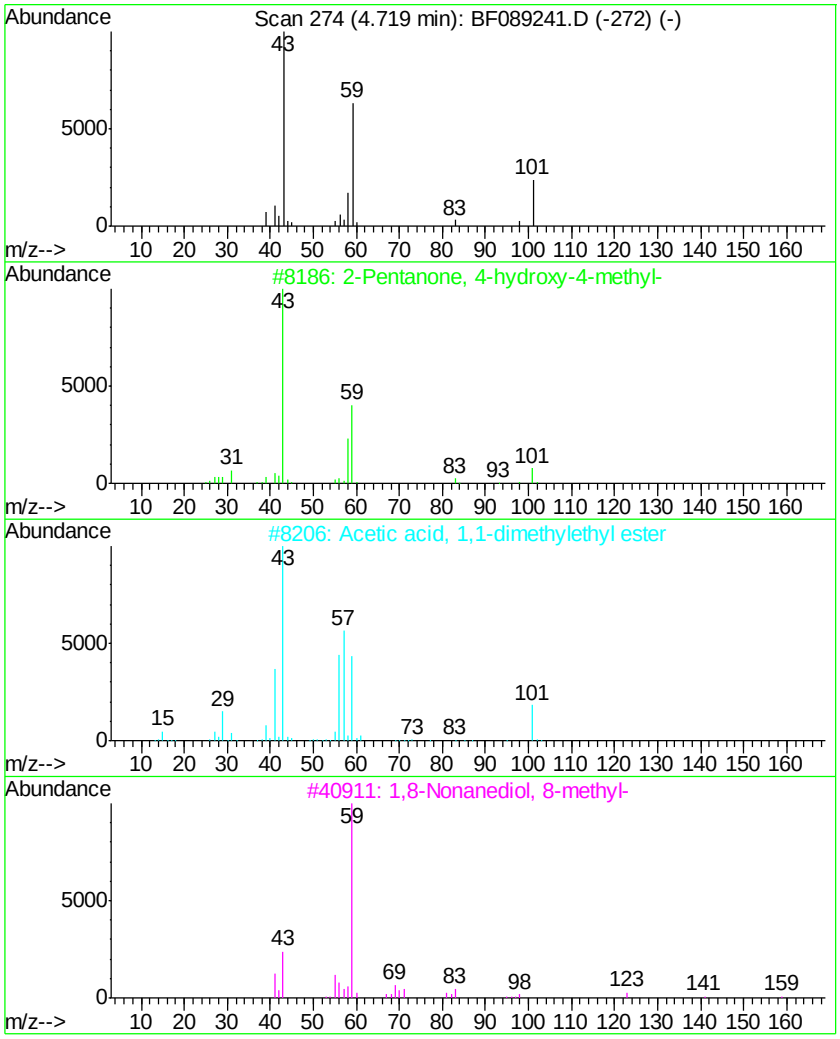
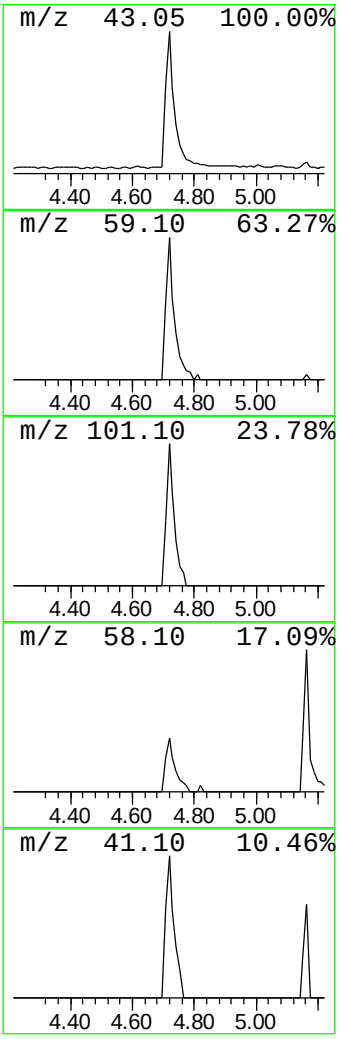
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	5.82 ng	71808	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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ClientSampleId : GCF-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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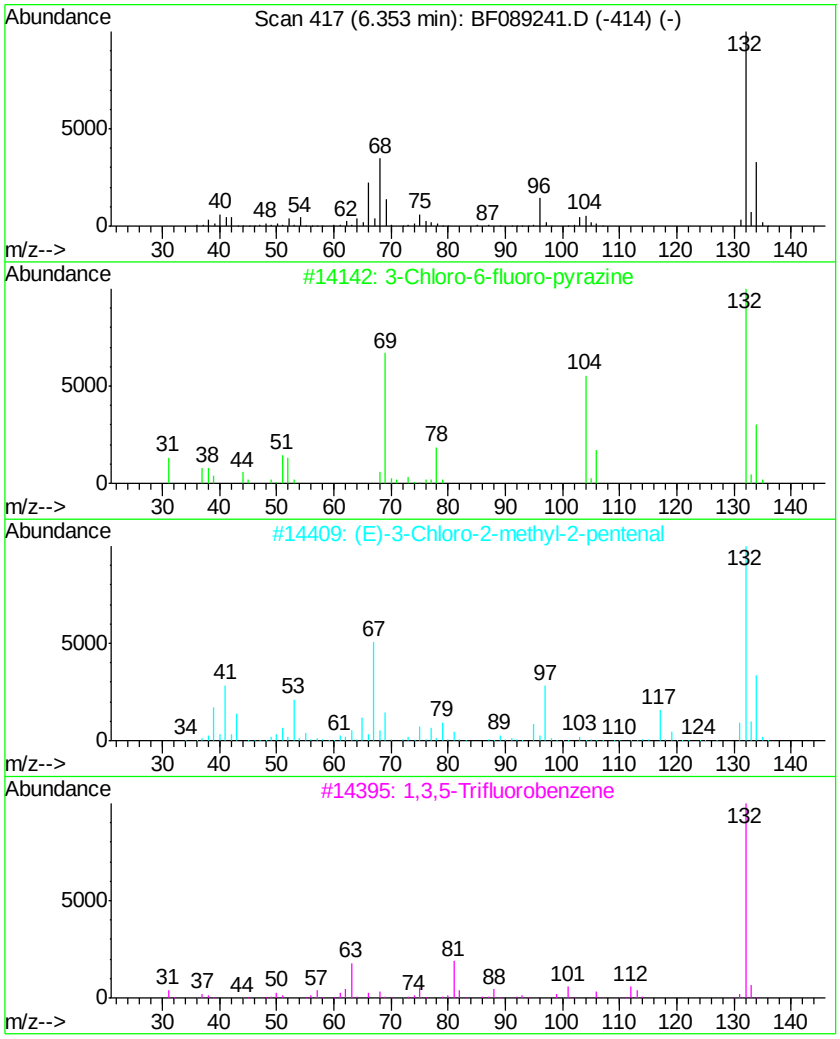
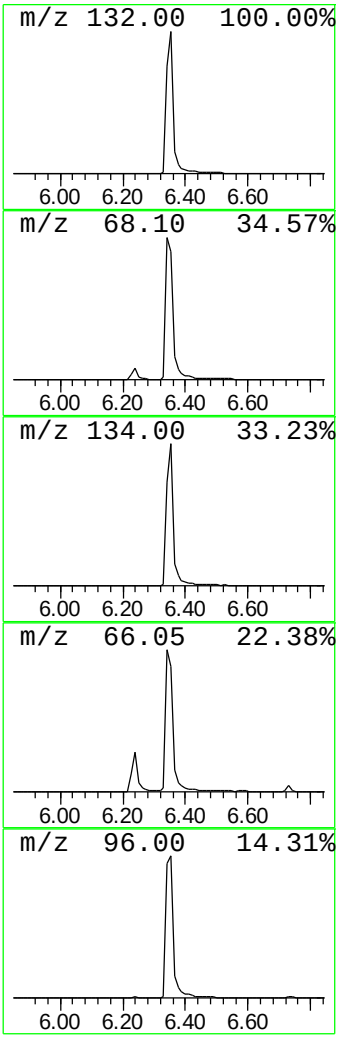
Peak Number 3 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	129.58 ng	1599050	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ClientSampleId : GCF-SW-1

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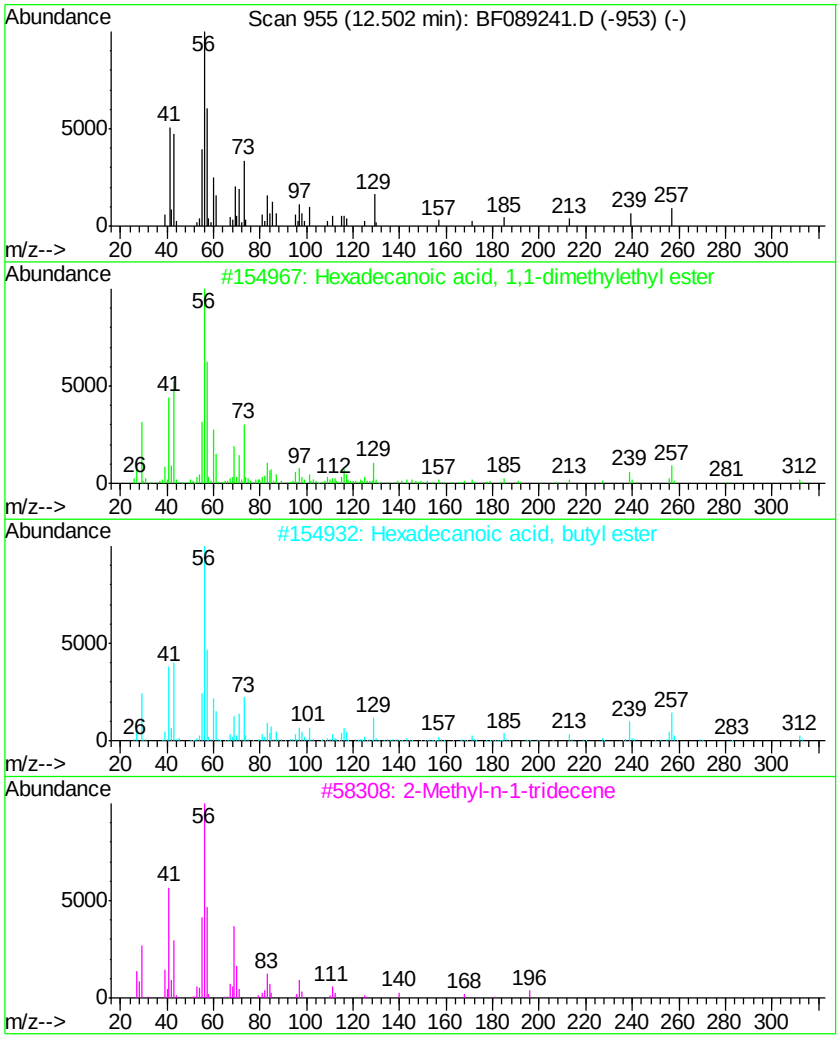
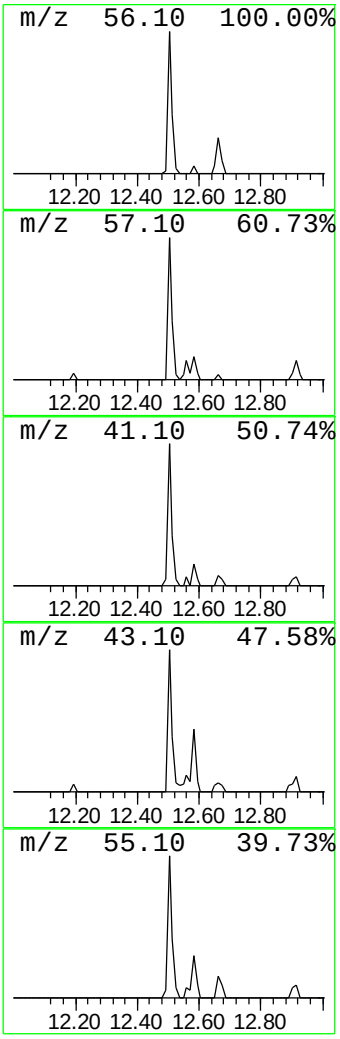
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.80 ng	102197	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	80
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
4	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	27
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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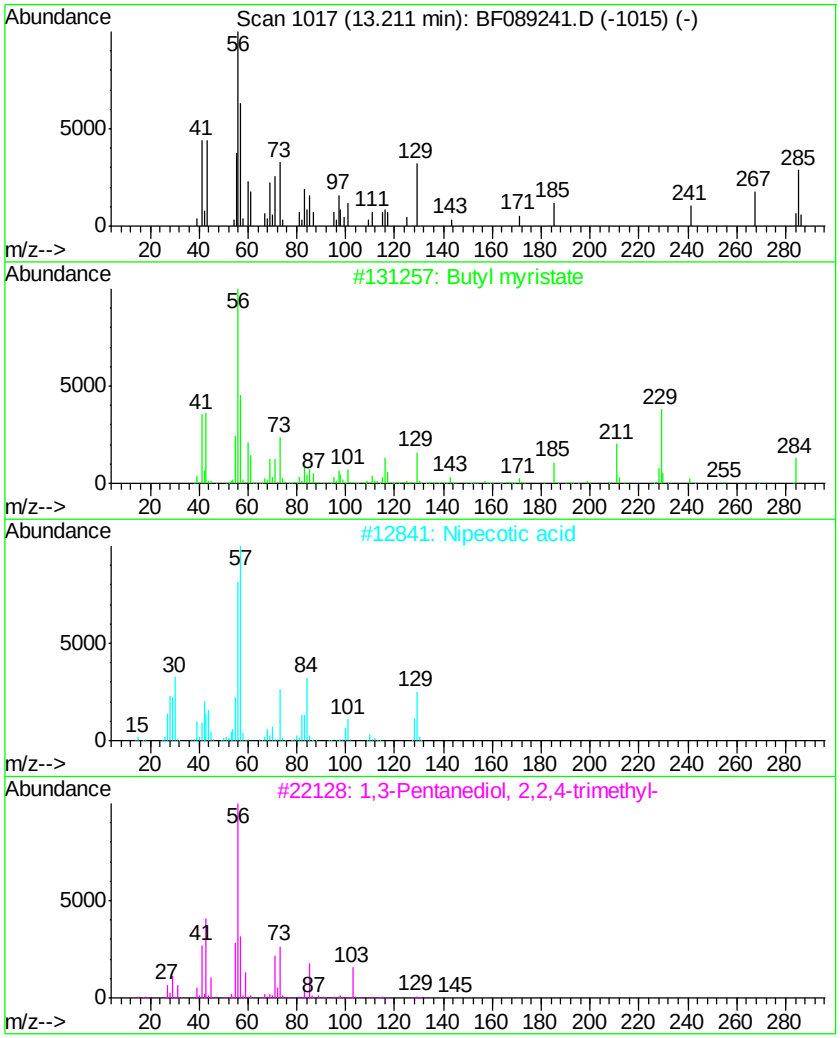
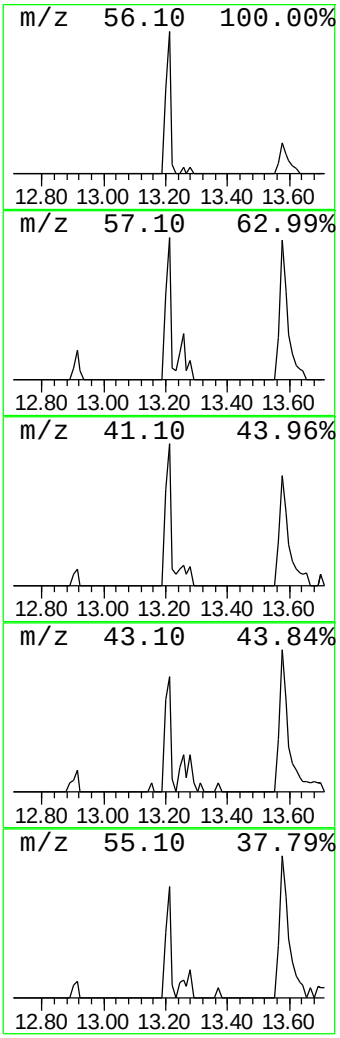
Peak Number 6 unknown13.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.05 ng	71388	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	42
2	Nipecotic acid	129	C6H11NO2	000498-95-3	38
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	32
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	27





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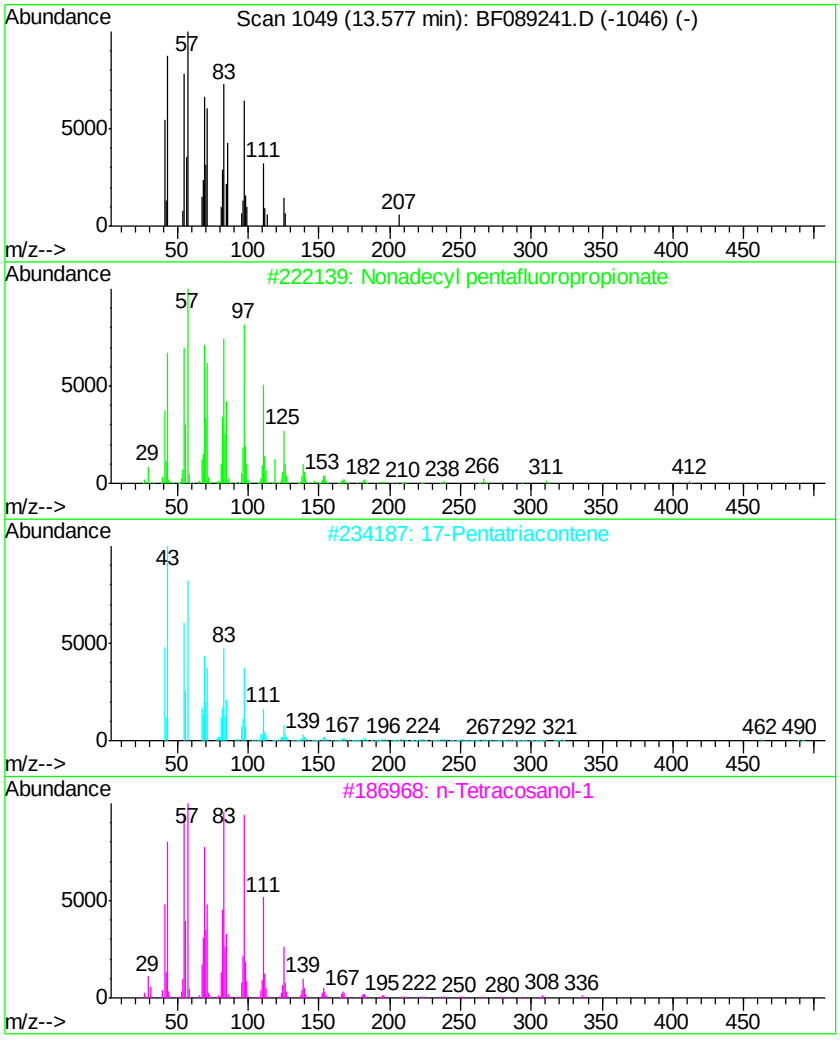
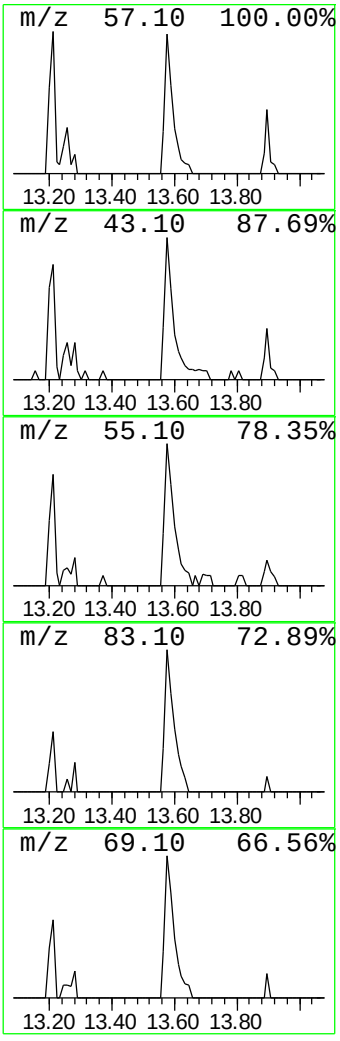
Peak Number 7 Nonadecyl pentafluoropropio... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	5.91 ng	104102	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
5	1-Hexadecanol	242	C16H34O	036653-82-4	76





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...	4.72	5.8	ng	71808	1	6.58	246810	20.0
unknown6.35	6.35	129.6	ng	1599050	1	6.58	246810	20.0
Hexadecanoic acid...	12.50	5.8	ng	102197	5	13.70	352165	20.0
unknown13.21	13.21	4.0	ng	71388	5	13.70	352165	20.0
Nonadecyl pentafl...	13.58	5.9	ng	104102	5	13.70	352165	20.0