LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091401.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5819-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 113016-10

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-BF112916.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	5.041	238	241	250	rBV	1132671	1813799	34.20%	3.751%
2	5.464	275	278	280	rBV	4271680	4694523	88.51%	9.709%
3	6.493	364	368	370	rBV	3789715	5087420	95.92%	10.521%
4	6.630	377	380	382	rBV	3925926	4623465	87.17%	9.562%
5	6.859	397	400	402	rBV	1537247	1274902	24.04%	2.637%
6	7.019	411	414	416	rBV	3367295	3476643	65.55%	7.190%
7	7.419	446	449	452	rBV	2563314	2594389	48.92%	5.365%
8	8.139	510	512	515	rBV	1484622	1616786	30.48%	3.344%
9	9.225	604	607	609	rBV	5307603	5216571	98.36%	10.788%
10	9.613	639	641	643	rBV	545917	455016	8.58%	0.941%
11	9.807	655	658	659	rBV	29368	54336	1.02%	0.112%
12	9.899	663	666	668	rVB	2241139	2003130	37.77%	4.143%
13	10.333	703	704	706	rVB	109410	100876	1.90%	0.209%
14	10.562	721	724	725	rBV	39333	57911	1.09%	0.120%
15	10.688	732	735	737	rBV	3038206	3483282	65.68%	7.204%
16	10.813	743	746	750	rVB	126077	192660	3.63%	0.398%
17	11.259	783	785	786	rBV	135107	113079	2.13%	0.234%
18	11.385	793	796	798	rBV	1543939	1981449	37.36%	4.098%
19	11.682	820	822	824	rBV	76278	62181	1.17%	0.129%
20	11.911	840	842	847	rBV2	374544	414477	7.81%	0.857%
21	12.619	899	904	908	rBV4	19909	53370	1.01%	0.110%
22	12.699	908	911	918	rVV	162471	189030	3.56%	0.391%
23	12.974	932	935	937	rBV	4230320	5303714	100.00%	10.969%
24	13.865	1011	1013	1018	rBV	321184	337963	6.37%	0.699%
25	14.014	1023	1026	1028	rBV	1946602	1822380	34.36%	3.769%
26	14.871	1099	1101	1105	rVB	71814	71825	1.35%	0.149%
27	15.442	1148	1151	1154	rBV	1033748	1258121	23.72%	2.602%

Sum of corrected areas: 48353298

LSC Report - Integrated Chromatogram

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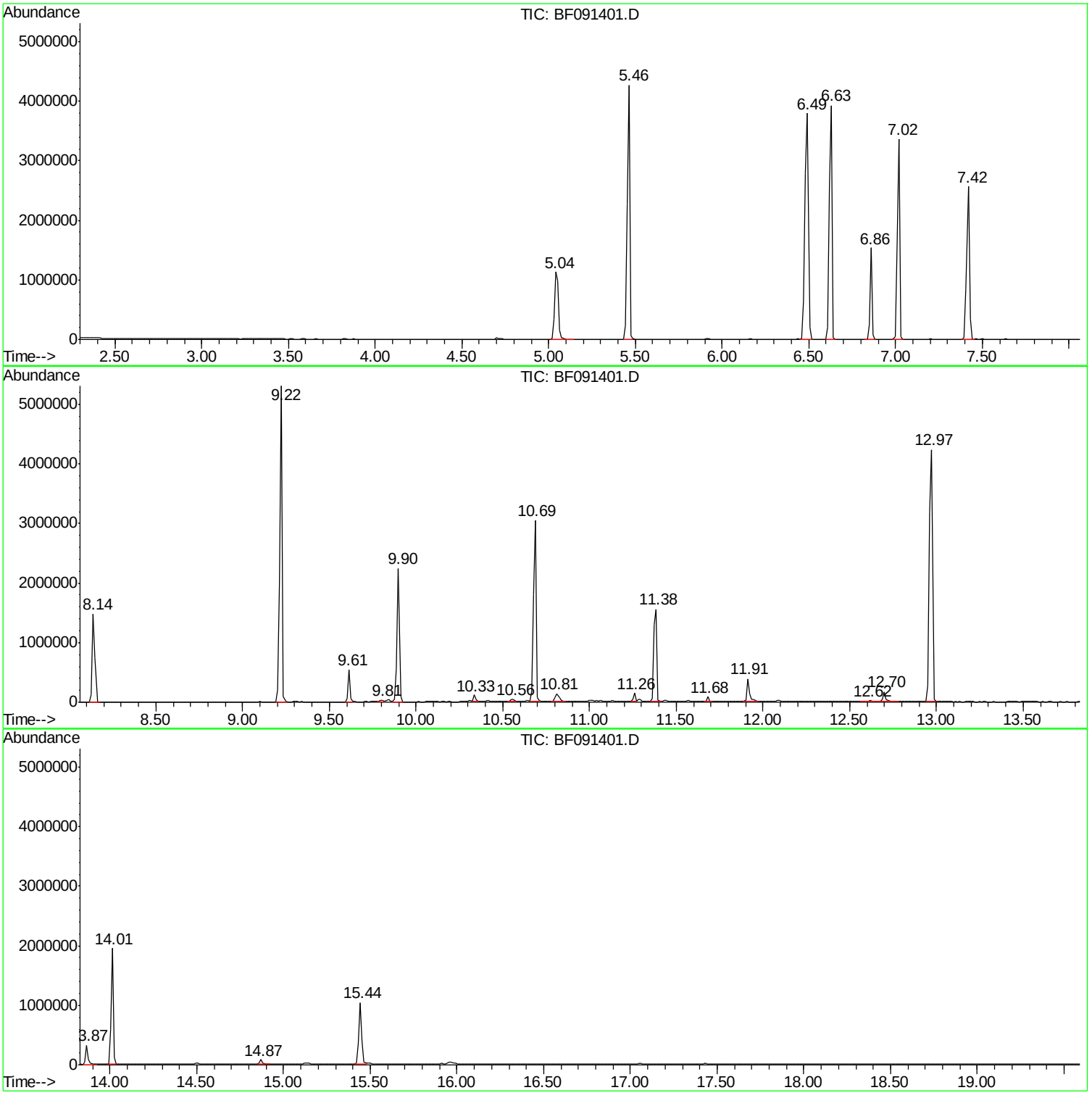
Instrument : BNA_F
ClientSampleId : 113016-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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\BF120216\
Data File : BF091401.D
Acq On : 2 Dec 2016 20:47
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Sample : H5819-10
Misc :
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Instrument : BNA_F
ClientSampleId : 113016-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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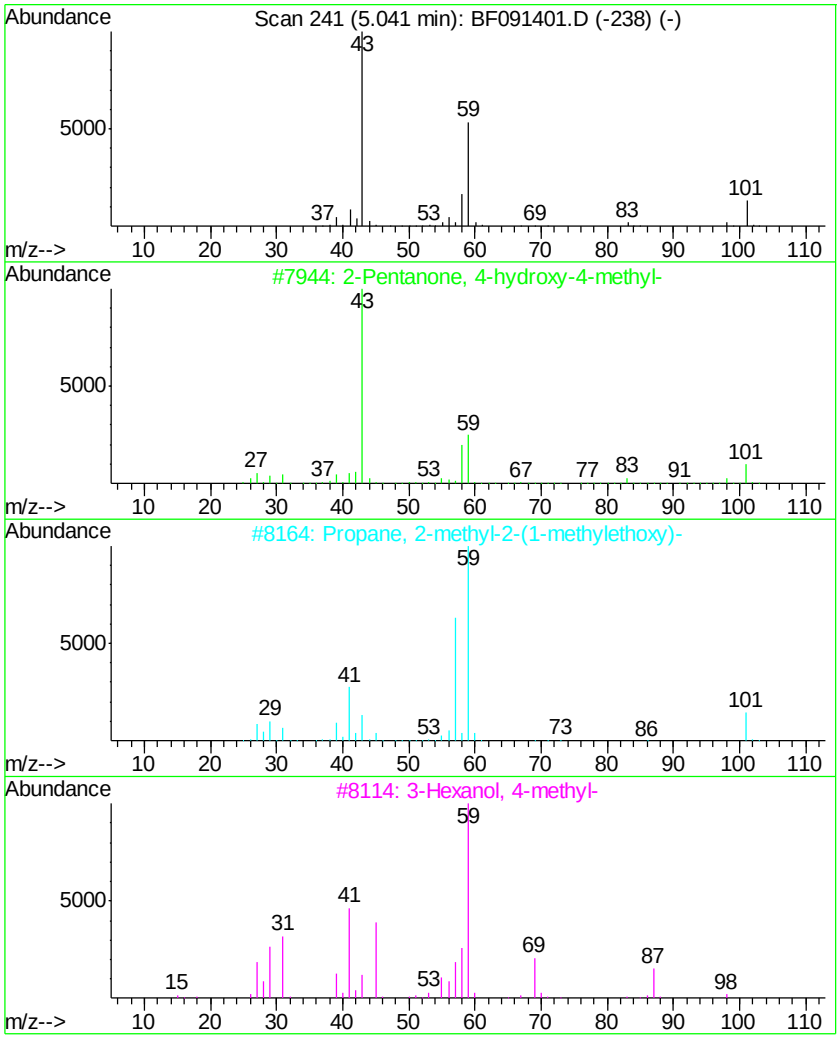
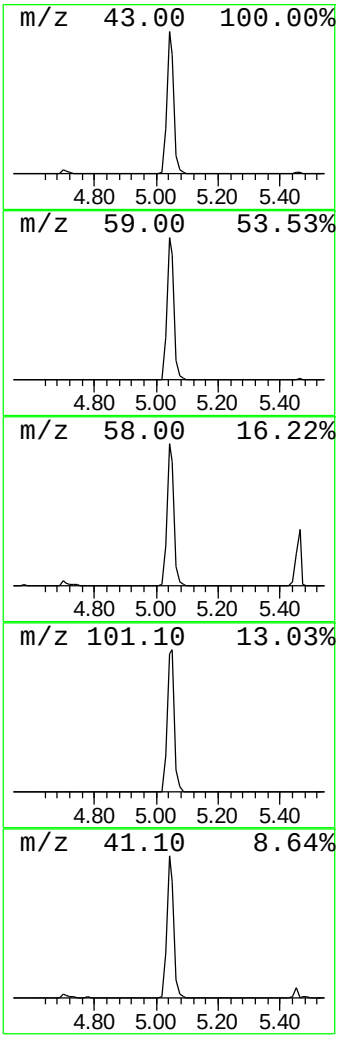
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	28.45 ng	1813800	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Instrument : BNA_F
ClientSampleId : 113016-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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TIC Library : C:\DATABASE\NIST02.L
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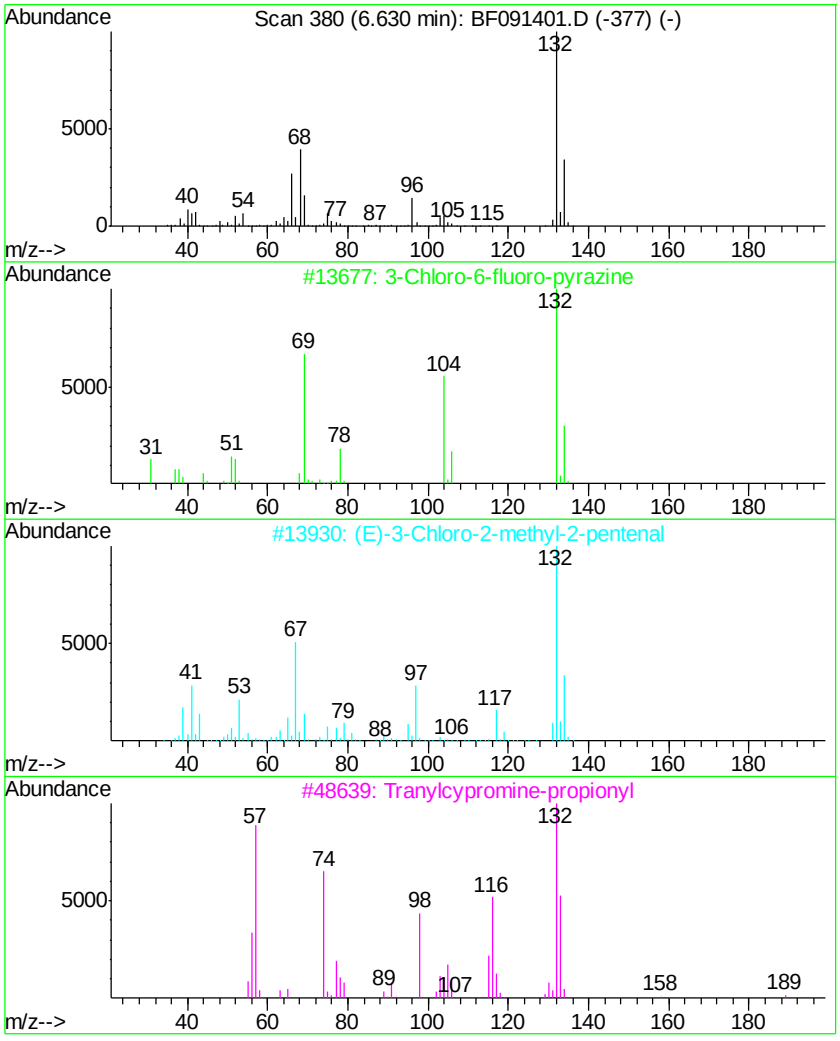
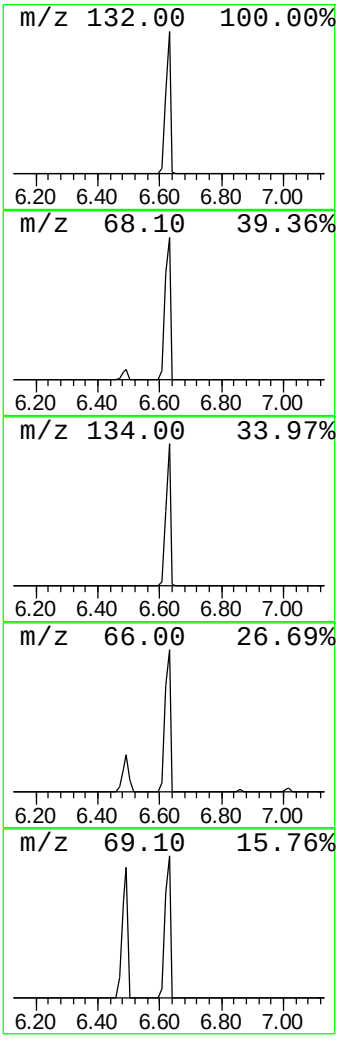
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	72.53 ng	4623470	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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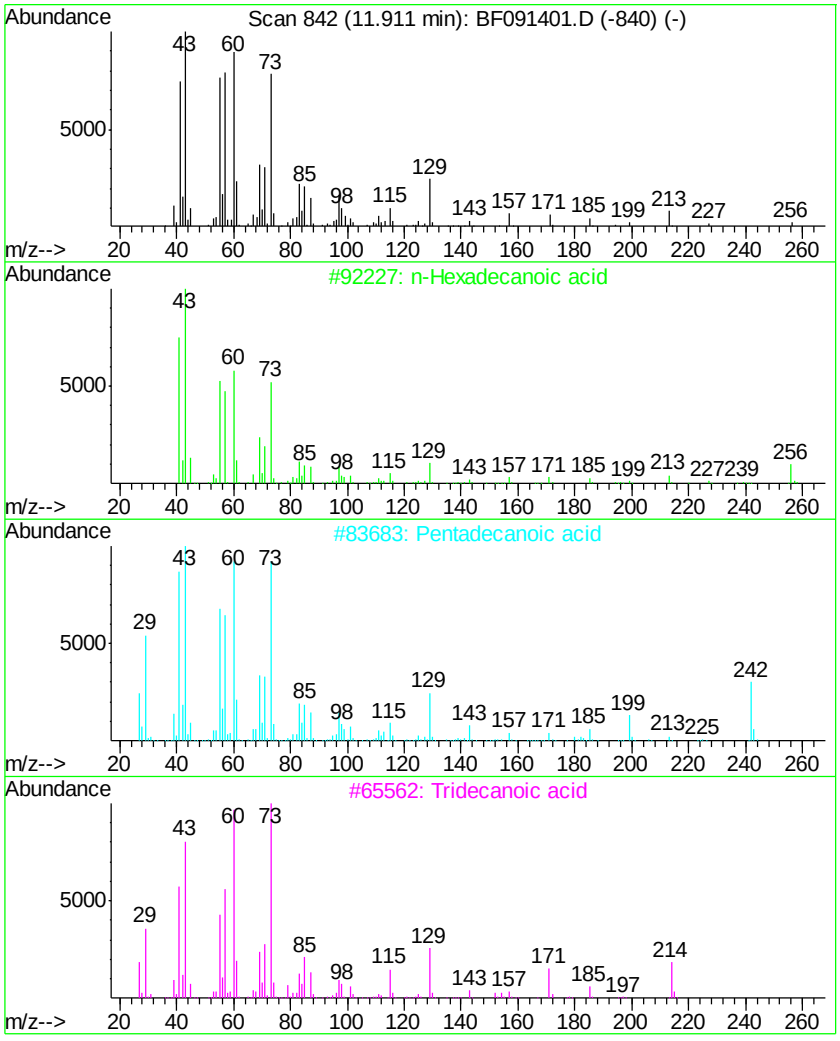
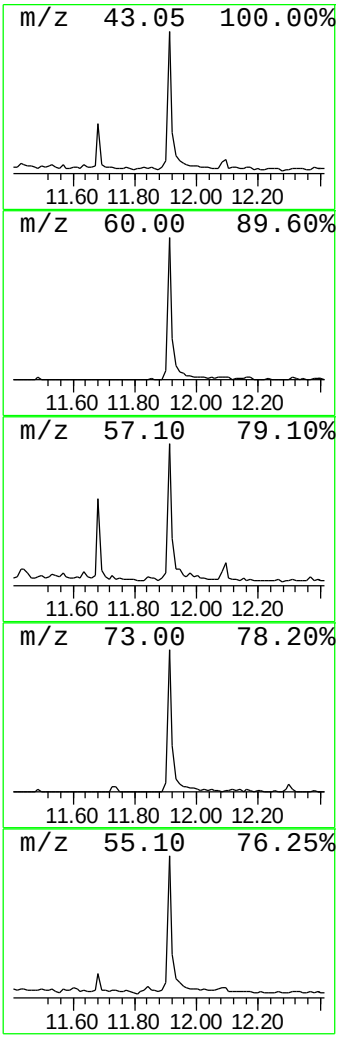
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.18 ng	414477	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	27





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Instrument : BNA_F
ClientSampleId : 113016-10

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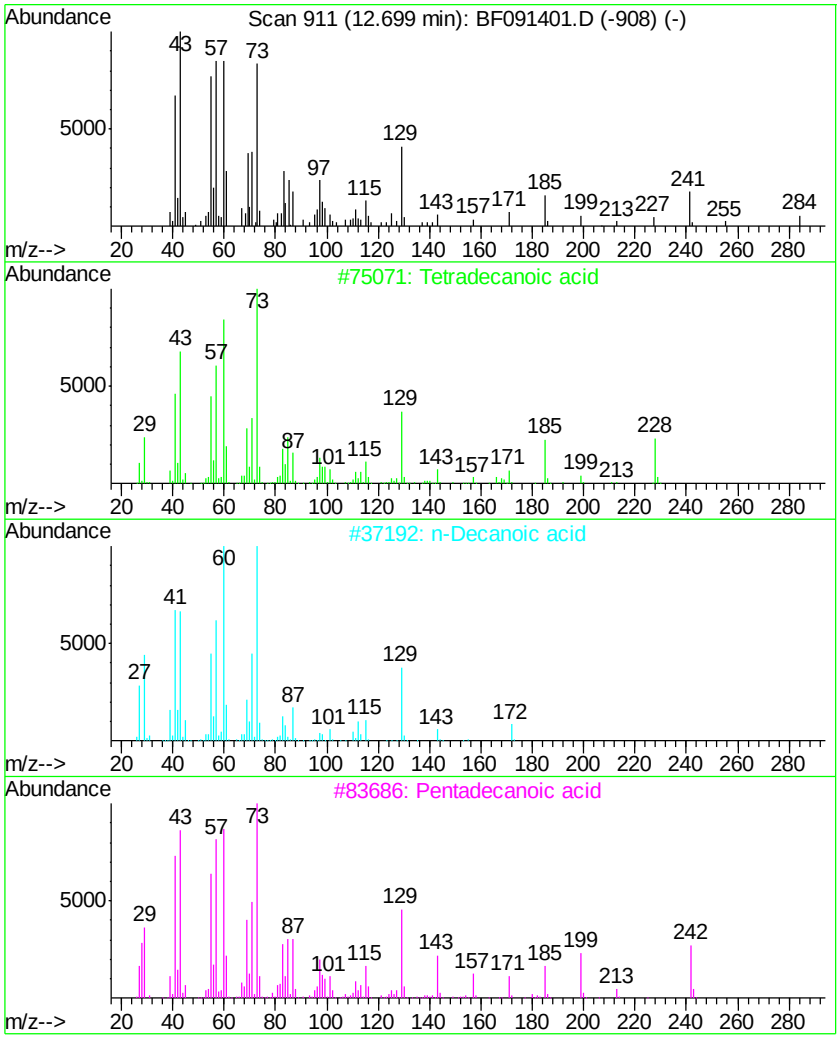
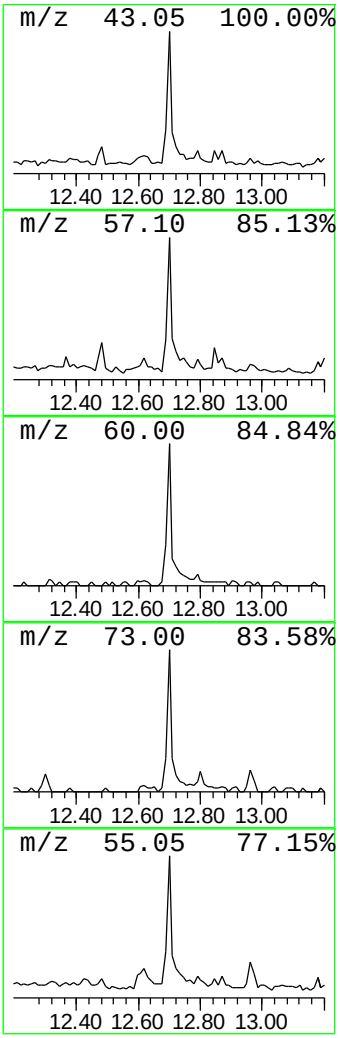
Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.07 ng	189030	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	18





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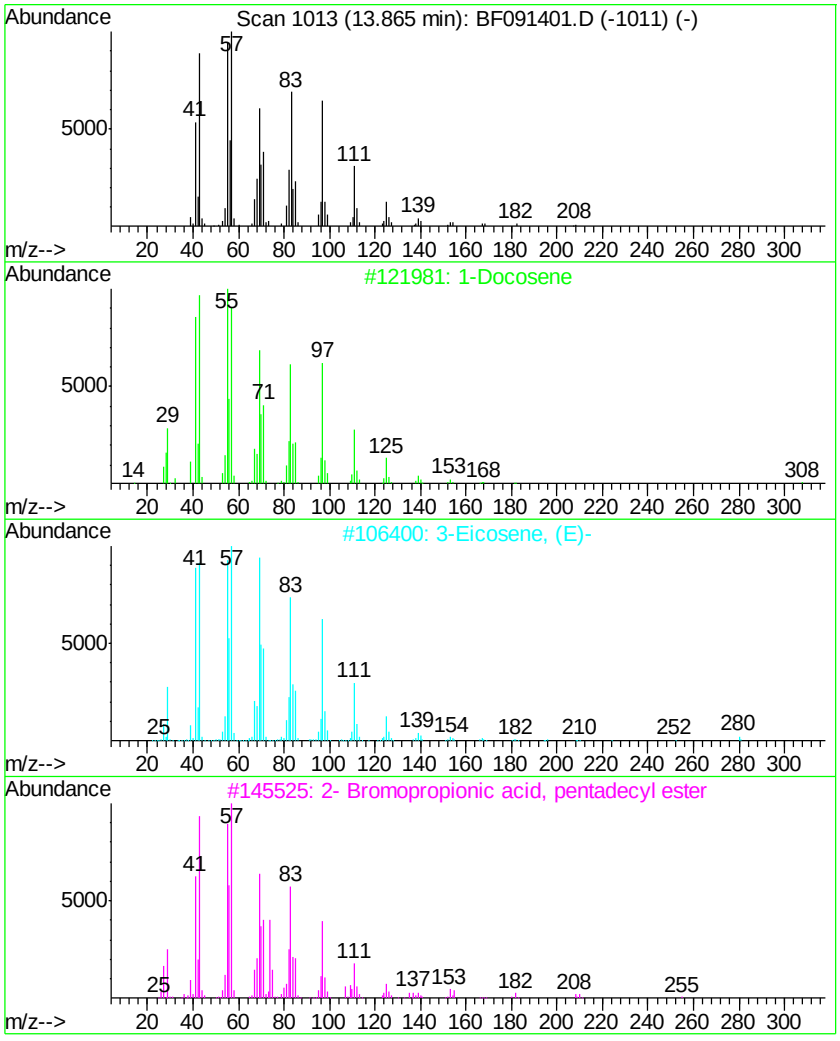
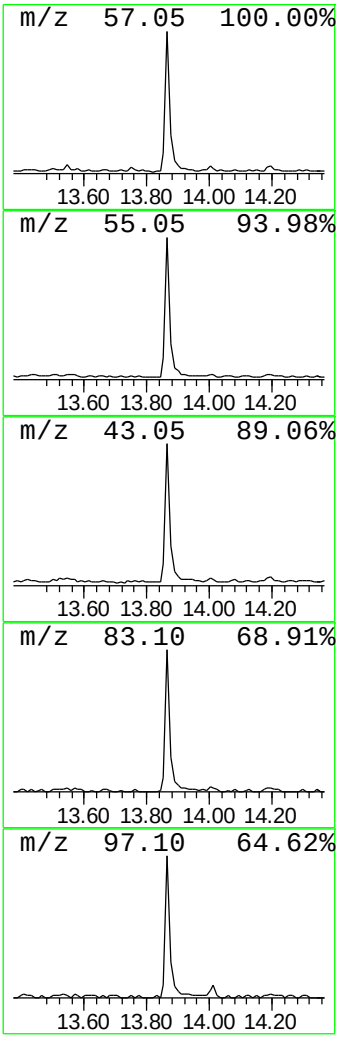
Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.71 ng	337963	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	28.4	ng	1813800	1	6.86	1274900	20.0
unknown6.63	6.63	72.5	ng	4623470	1	6.86	1274900	20.0
n-Hexadecanoic acid	11.91	4.2	ng	414477	4	11.38	1981450	20.0
Tetradecanoic acid	12.70	2.1	ng	189030	5	14.01	1822380	20.0
1-Docosene	13.87	3.7	ng	337963	5	14.01	1822380	20.0