LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090465.D
Acq On : 8 Oct 2016 4:09
Operator : UM/SJ
Sample : H5120-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-104

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-BF100516.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	5.183	246	249	251	rBV	418710	606613	7.28%	1.128%
2	5.594	283	285	288	rBV	2848045	2781092	33.40%	5.173%
3	6.612	372	374	376	rBV	2283694	1949687	23.41%	3.626%
4	6.760	384	387	389	rBV	4981816	5734717	68.87%	10.666%
5	6.989	404	407	409	rBV	1456030	1453840	17.46%	2.704%
6	7.149	418	421	423	rVB	3963011	4870271	58.49%	9.058%
7	7.549	453	456	458	rBV	3894454	3956926	47.52%	7.360%
8	8.269	517	519	522	rBV	1636060	1957446	23.51%	3.641%
9	9.355	611	614	616	rBV	7805997	7341902	88.17%	13.655%
10	9.743	646	648	650	rBV	502810	404110	4.85%	0.752%
11	10.040	671	674	676	rBV	2096819	2369340	28.45%	4.407%
12	10.463	710	711	715	rVB	78883	87800	1.05%	0.163%
13	10.829	740	743	745	rBV	4904155	4785095	57.46%	8.900%
14	10.943	750	753	758	rVB	104051	159445	1.91%	0.297%
15	11.526	801	804	806	rBV	2797089	2351181	28.23%	4.373%
16	12.052	847	850	854	rBV	644630	675869	8.12%	1.257%
17	12.795	909	915	917	rBV3	65510	242756	2.92%	0.452%
18	12.841	917	919	926	rVV	507994	555439	6.67%	1.033%
19	12.967	928	930	933	rVB	80089	86765	1.04%	0.161%
20	13.127	941	944	946	rBV	6494427	8327230	100.00%	15.488%
21	14.018	1020	1022	1029	rVB	227936	293271	3.52%	0.545%
22	14.178	1033	1036	1038	rVV	1180171	1575782	18.92%	2.931%
23	15.664	1163	1166	1169	rBV	778353	1199491	14.40%	2.231%

Sum of corrected areas: 53766068

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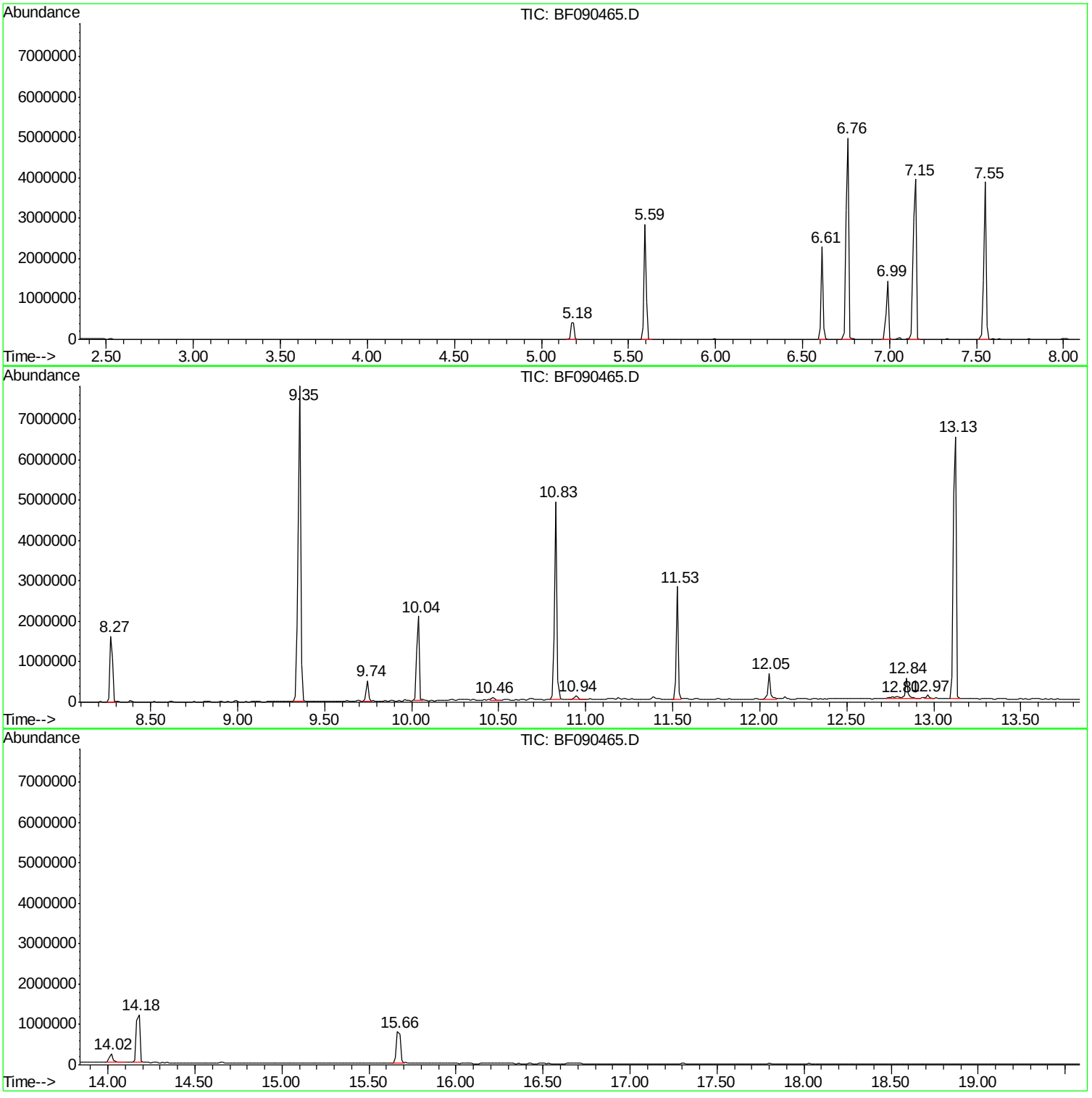
Instrument :
BNA_F
ClientSampleId :
RAV-GT-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.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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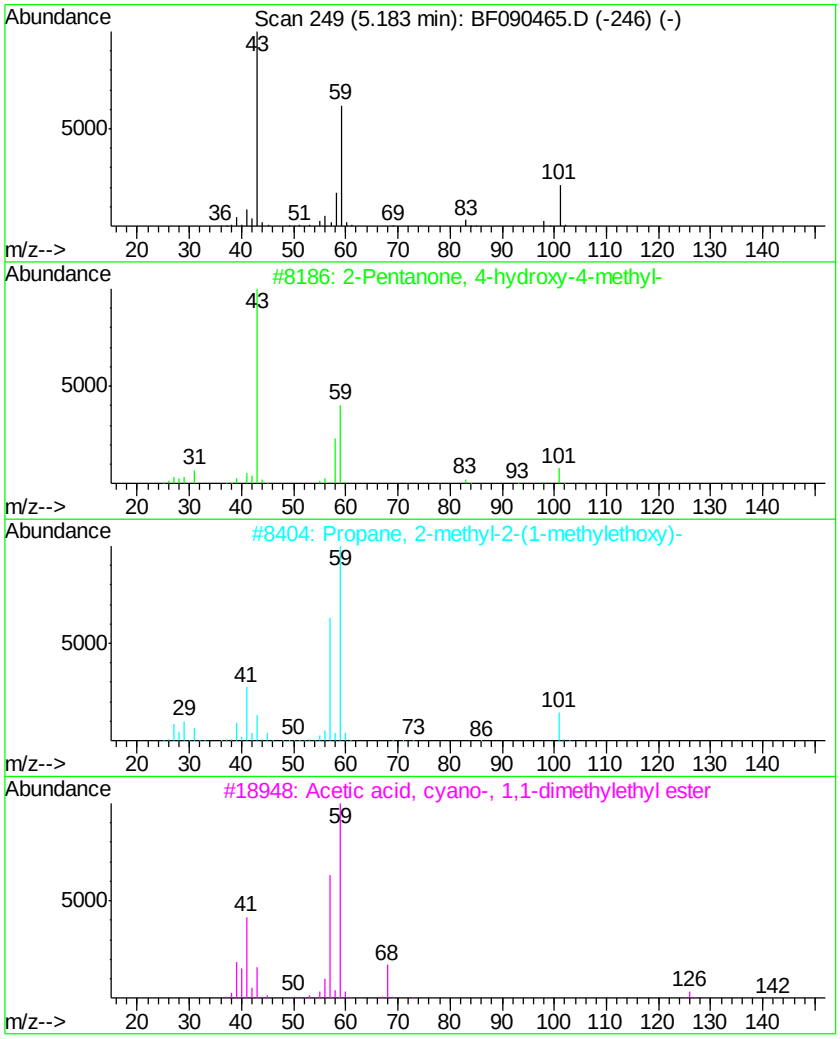
TIC Integration Parameters: LSCINT.P

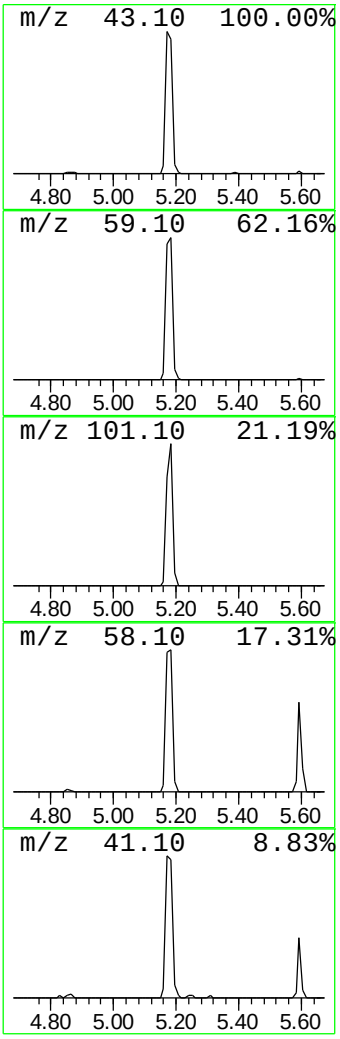
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.34 ng	606613	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : RAV-GT-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
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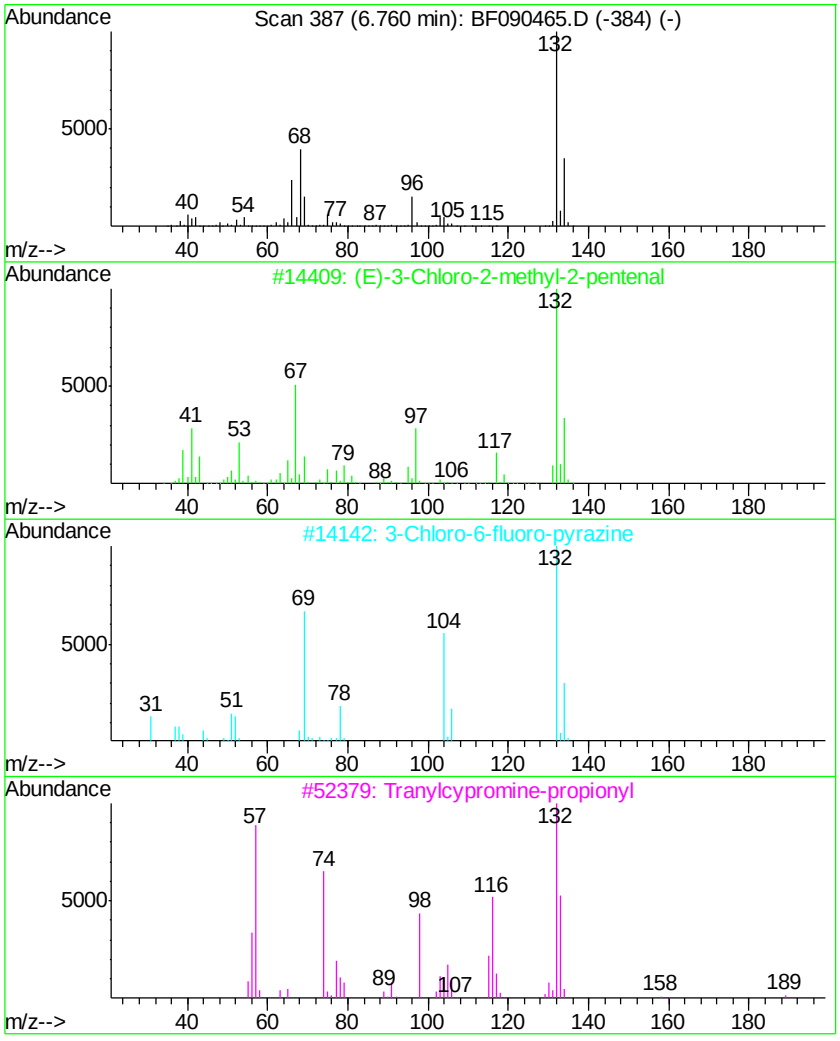
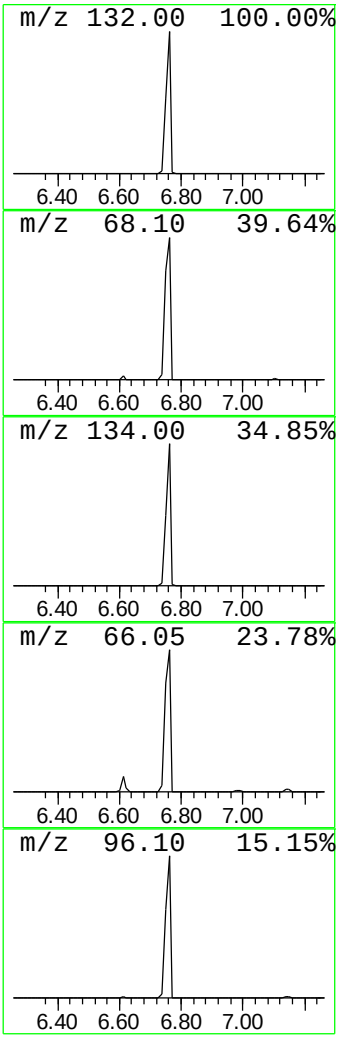
Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	78.89 ng	5734720	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : H5120-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
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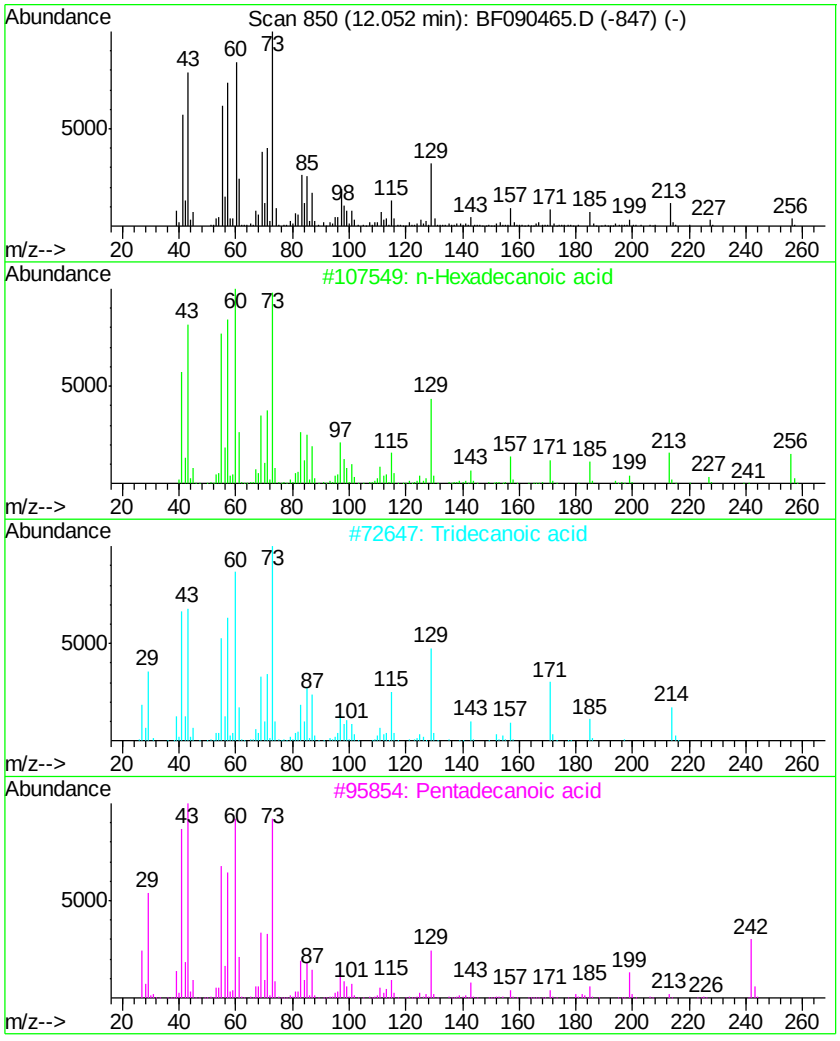
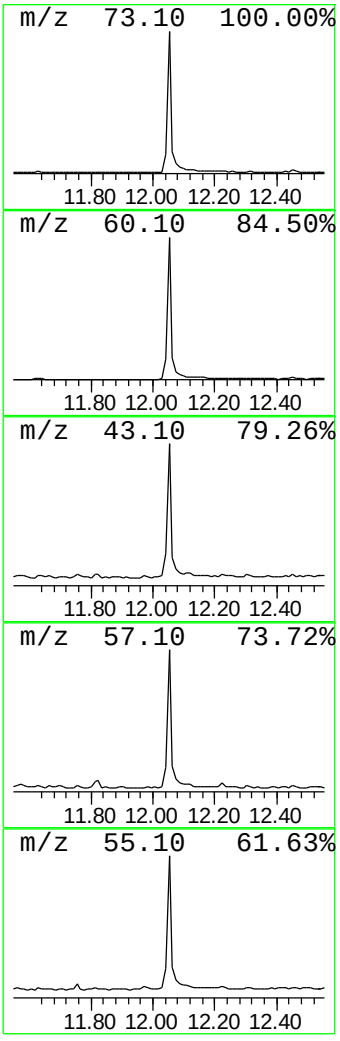
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.75 ng	675869	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





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Sample : H5120-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
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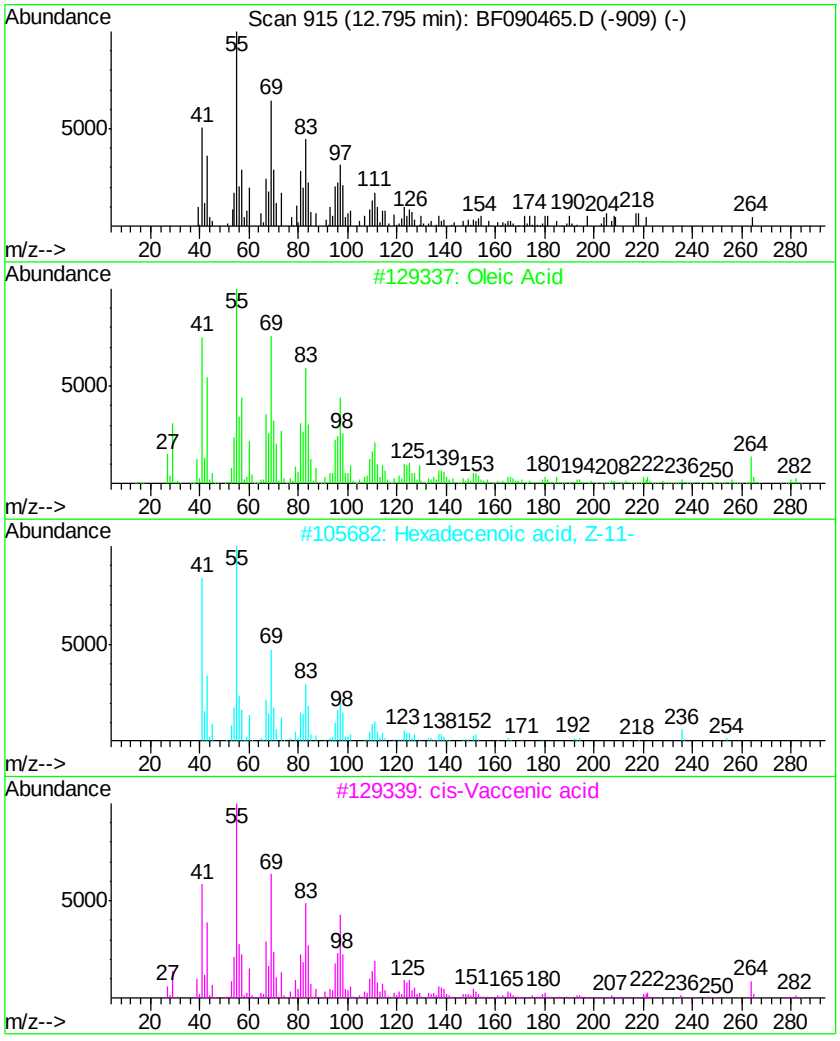
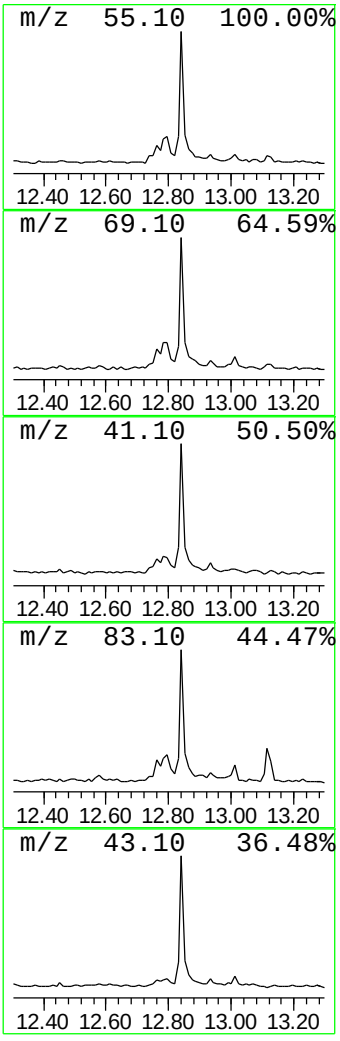
Peak Number 5 Oleic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.06 ng	242756	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	87
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	80
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	72
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	72
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	68





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Sample : H5120-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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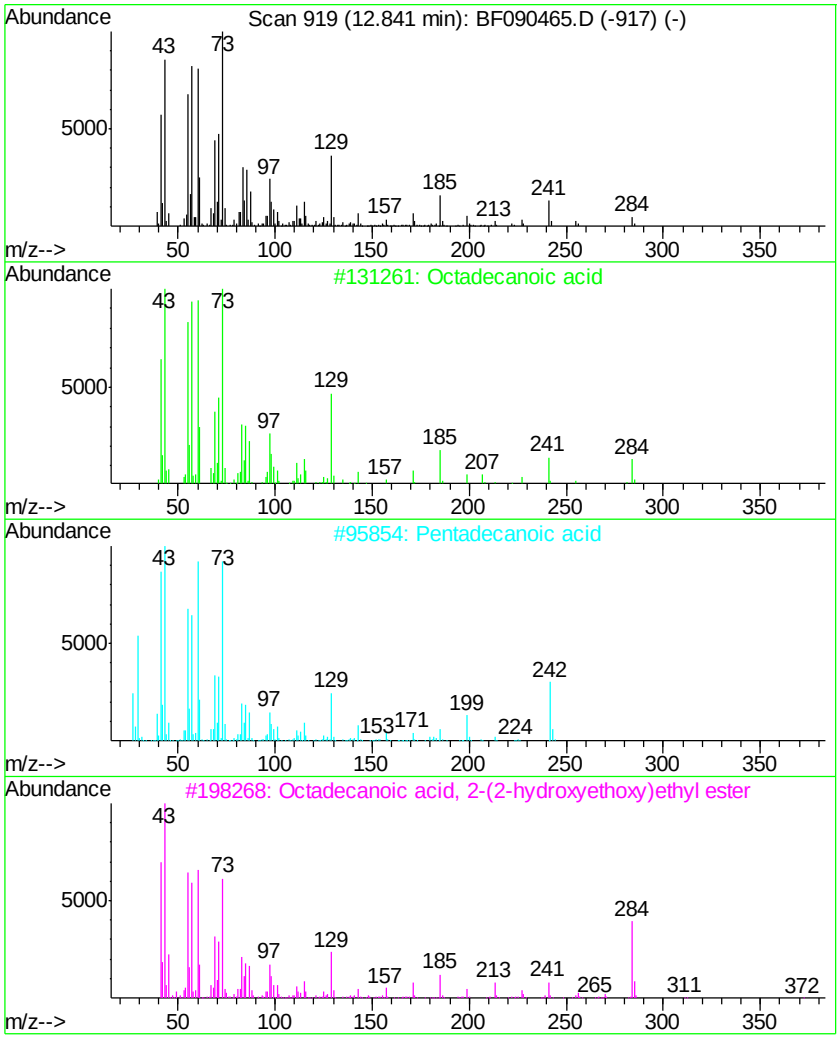
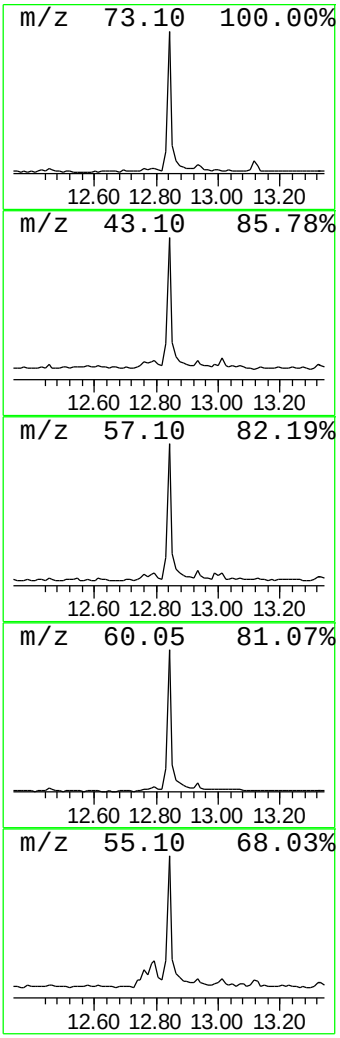
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	4.72 ng	555439	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





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Sample : H5120-01
Misc :
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Instrument : BNA_F
ClientSampleId : RAV-GT-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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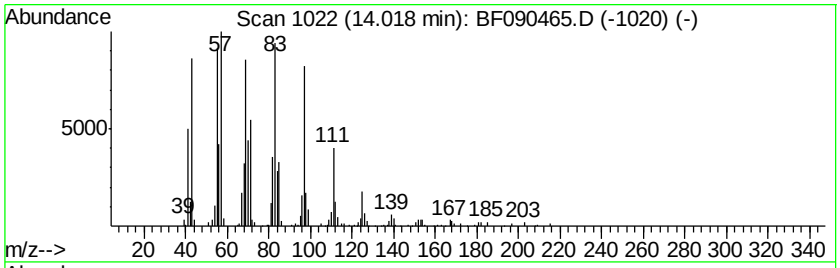
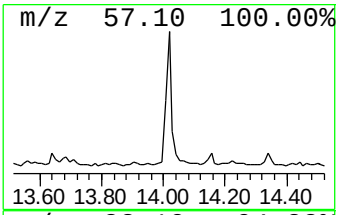
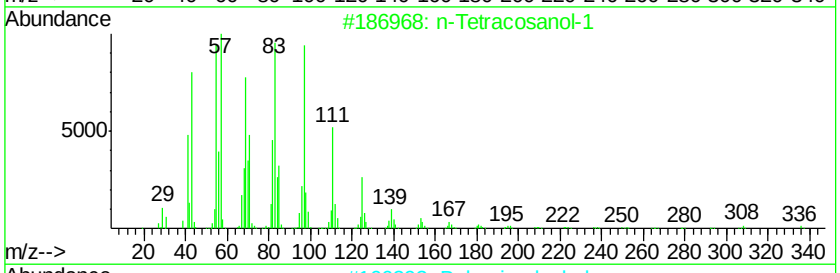
Peak Number 7 n-Tetracosanol-1 Concentration Rank 6

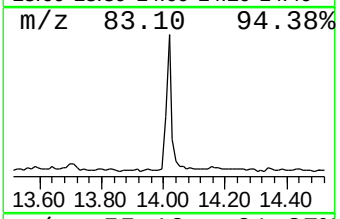
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.72 ng	293271	Chrysene-d12	14.18

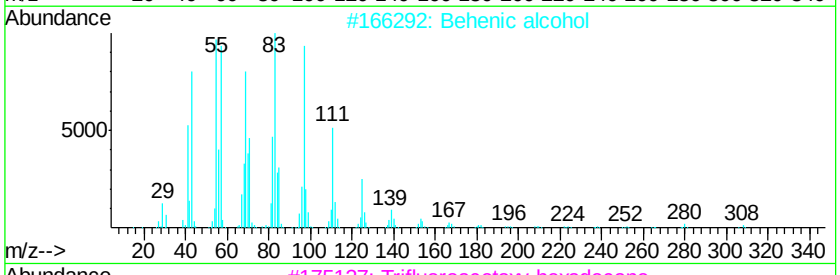
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91

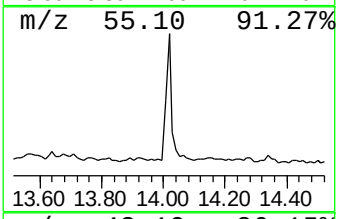


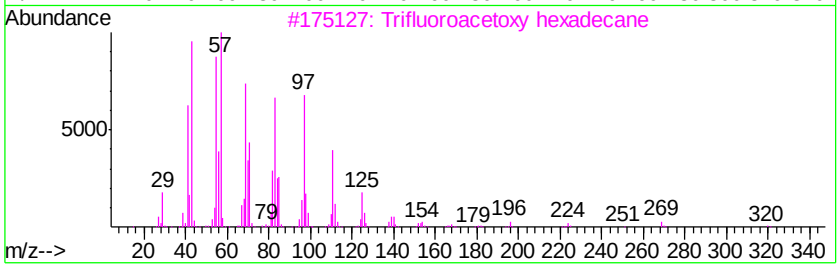


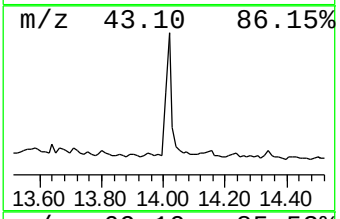


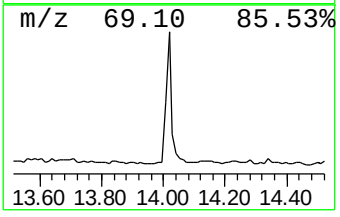












Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	8.3	ng	606613	1	6.99	1453840	20.0
unknown6.76	6.76	78.9	ng	5734720	1	6.99	1453840	20.0
n-Hexadecanoic acid	12.05	5.8	ng	675869	4	11.53	2351180	20.0
Oleic Acid	12.80	2.1	ng	242756	4	11.53	2351180	20.0
Octadecanoic acid	12.84	4.7	ng	555439	4	11.53	2351180	20.0
n-Tetracosanol-1	14.02	3.7	ng	293271	5	14.18	1575780	20.0