LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090474.D
Acq On : 8 Oct 2016 8:17
Operator : UM/SJ
Sample : H5136-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100516-09

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	5.194	247	250	256	rVB	1290240	1719588	21.69%	2.567%
2	5.606	283	286	288	rBV	5694121	6077906	76.68%	9.074%
3	6.623	372	375	377	rBV	5721176	6693551	84.45%	9.993%
4	6.760	384	387	389	rBV	6671966	7038804	88.80%	10.509%
5	6.989	404	407	409	rBV	1529981	1475939	18.62%	2.204%
6	7.149	418	421	423	rVB	4397247	5402259	68.16%	8.065%
7	7.549	453	456	458	rBV	3954339	4146918	52.32%	6.191%
8	7.640	461	464	466	rBV	102907	139920	1.77%	0.209%
9	8.269	517	519	522	rBV	1673185	1988153	25.08%	2.968%
10	9.354	611	614	616	rBV	7487108	7441002	93.88%	11.109%
11	9.743	646	648	650	rBV	1877161	2226621	28.09%	3.324%
12	10.040	671	674	676	rVB	2005935	2400162	30.28%	3.583%
13	10.463	707	711	713	rBV	140258	159338	2.01%	0.238%
14	10.692	727	731	734	rBV	50407	96151	1.21%	0.144%
15	10.829	740	743	745	rBV	4849540	4740885	59.81%	7.078%
16	10.943	750	753	760	rVB	192402	252719	3.19%	0.377%
17	11.389	790	792	794	rBV2	130804	121228	1.53%	0.181%
18	11.526	801	804	806	rBV	2897902	2454244	30.96%	3.664%
19	12.052	847	850	852	rBV	639514	585742	7.39%	0.874%
20	12.841	917	919	925	rBV	221687	273744	3.45%	0.409%
21	12.932	925	927	929	rVB	212809	188946	2.38%	0.282%
22	13.115	941	943	946	rBV	5467988	7926284	100.00%	11.834%
23	13.641	987	989	991	rVB	128848	115968	1.46%	0.173%
24	14.006	1019	1021	1033	rBV	290425	503695	6.35%	0.752%
25	14.166	1033	1035	1038	rBV	1223696	1626232	20.52%	2.428%
26	15.664	1163	1166	1169	rBV	795190	1185143	14.95%	1.769%

Sum of corrected areas: 66981142

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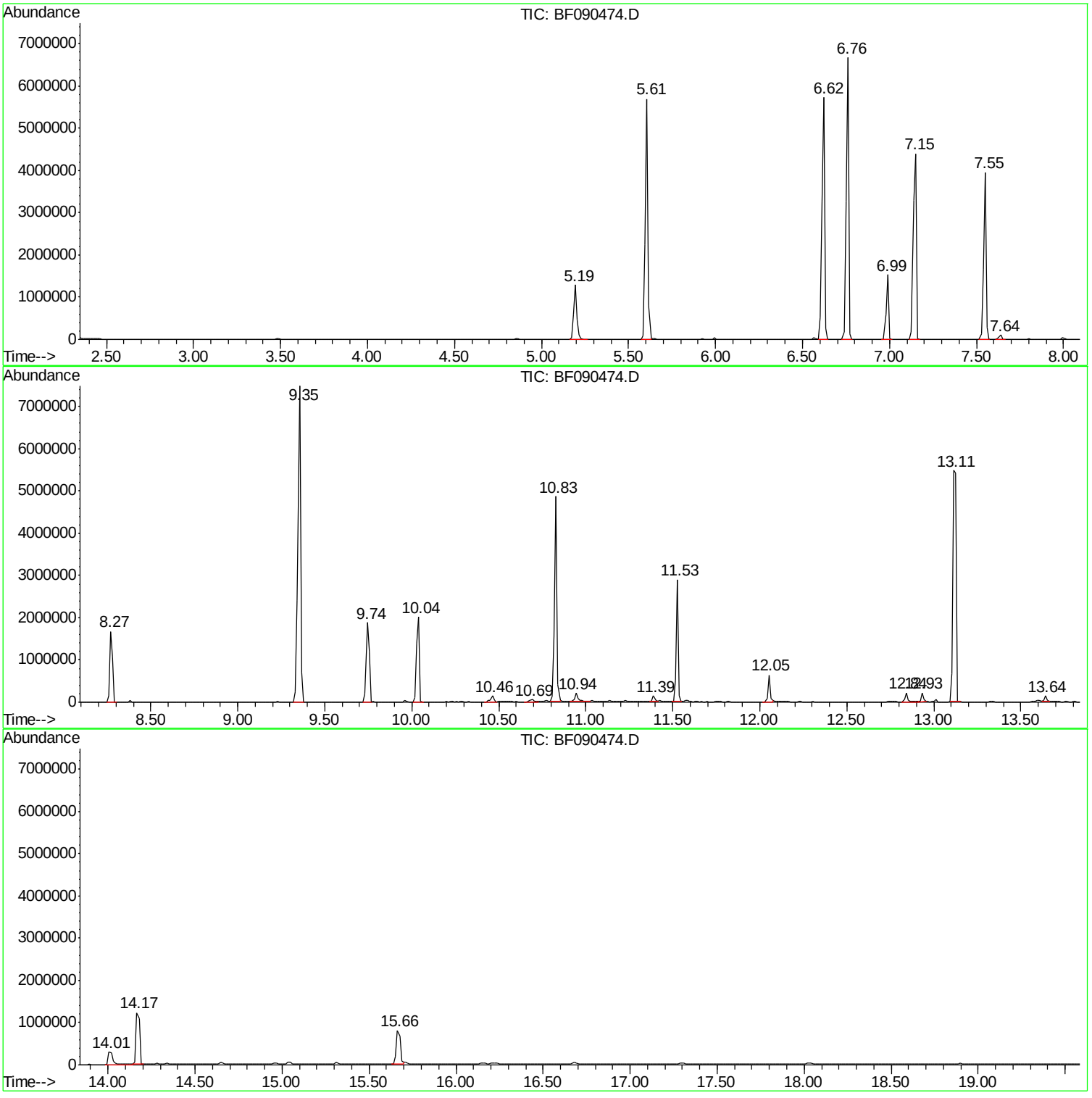
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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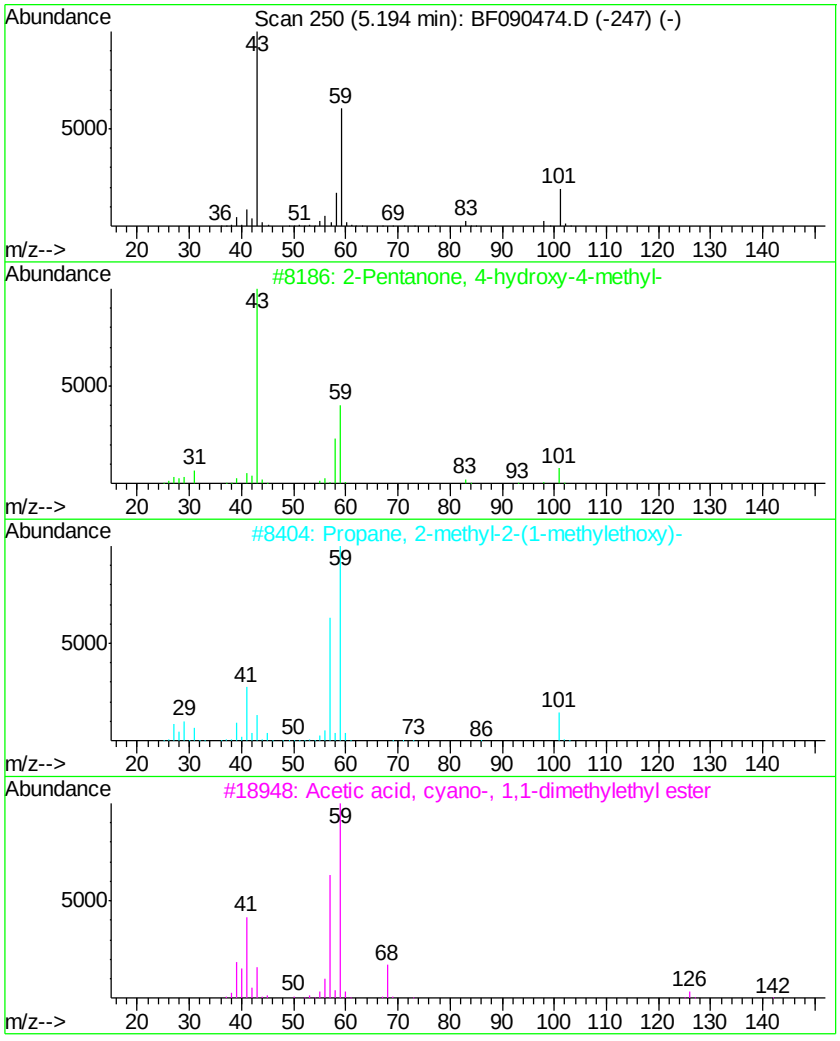
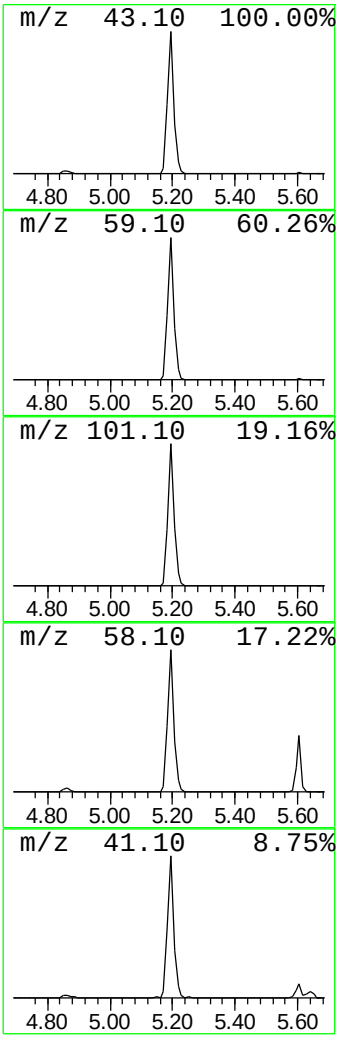
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	23.30 ng	1719590	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	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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TIC Library : C:\DATABASE\NIST11.L
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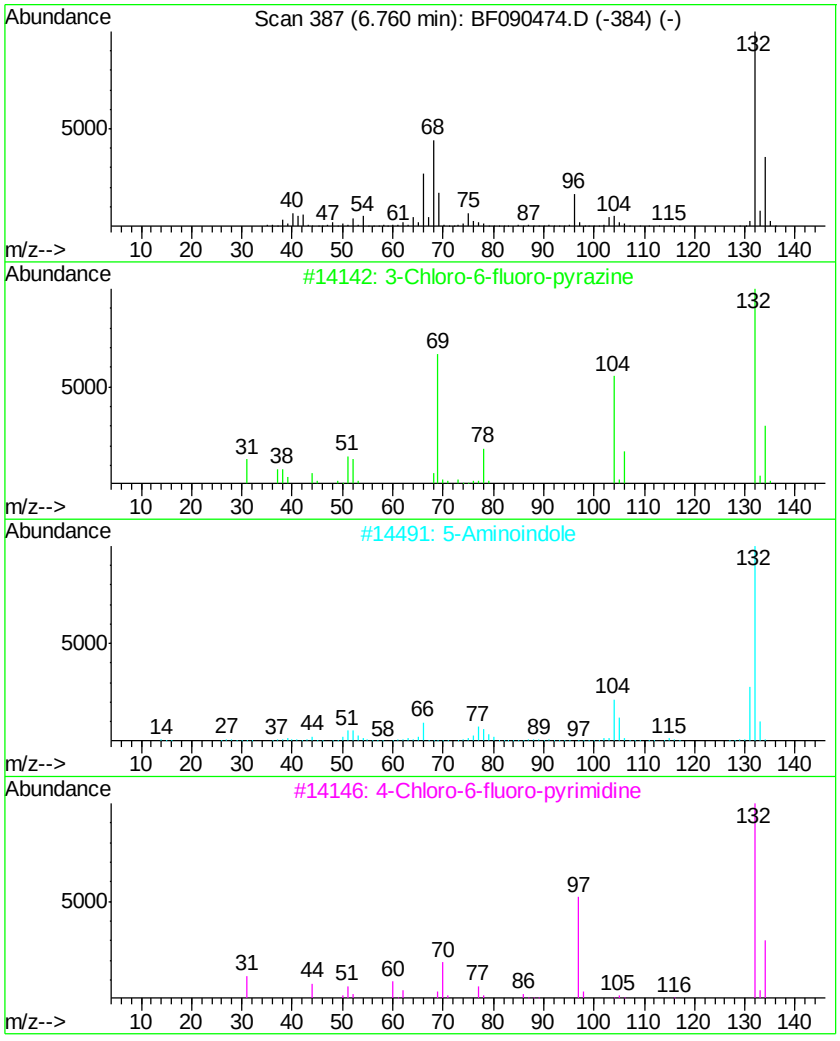
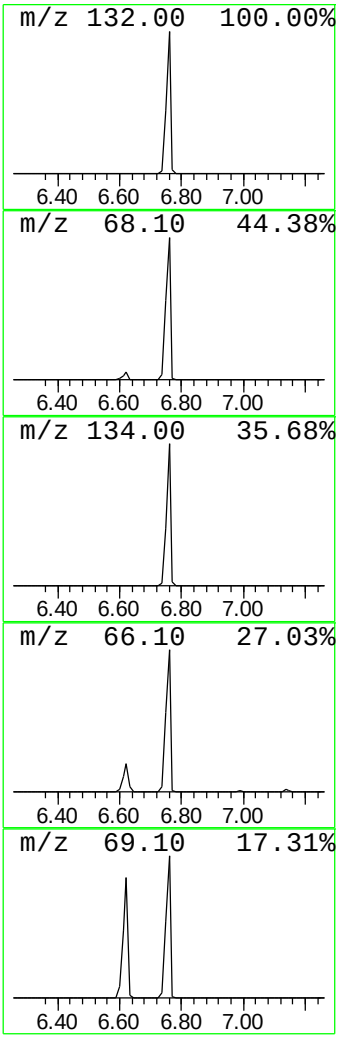
Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	95.38 ng	7038800	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Misc :
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Instrument : BNA_F
ClientSampleId : 100516-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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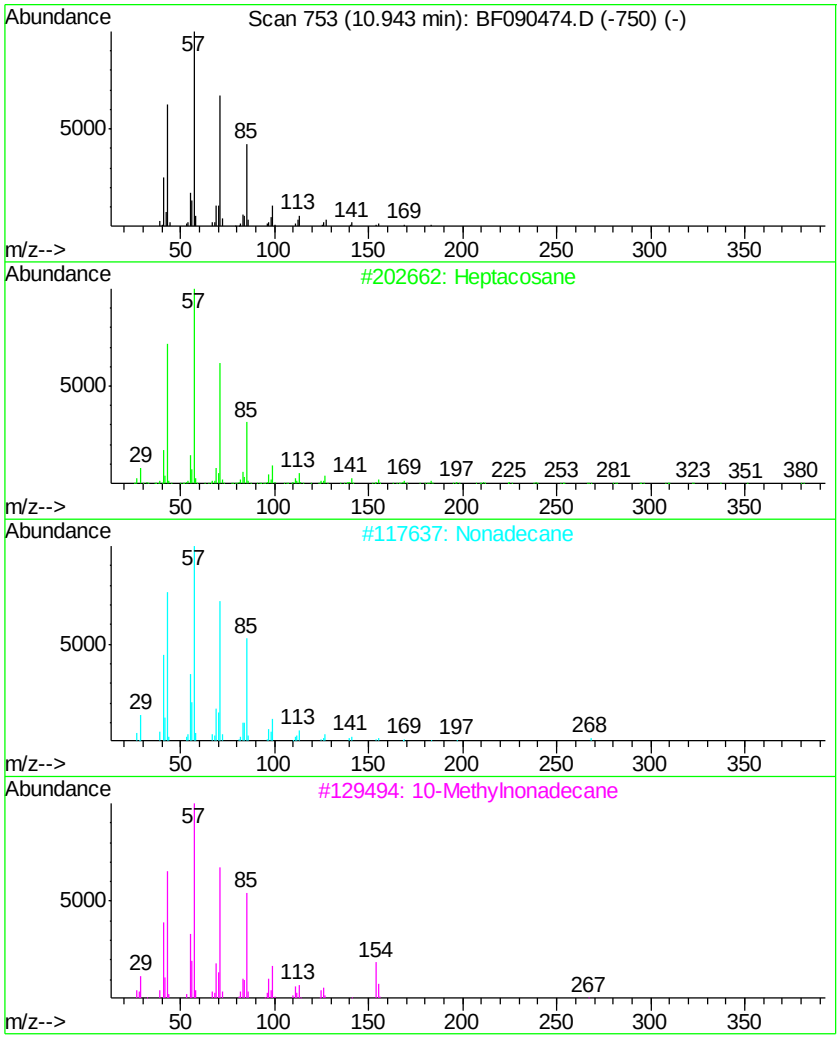
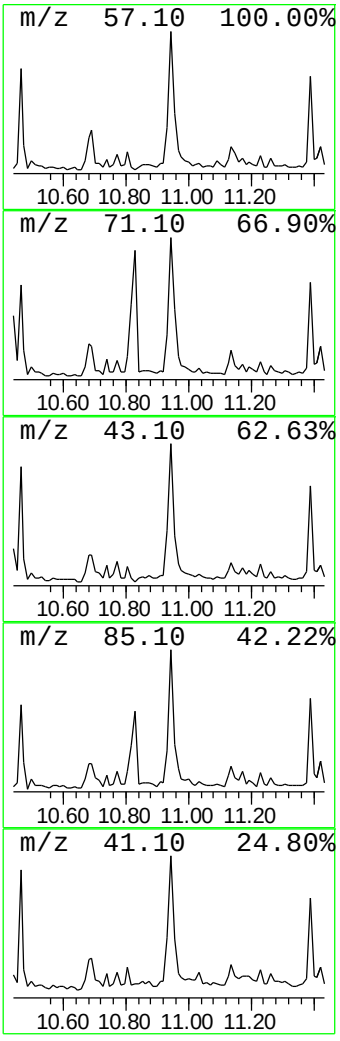
Peak Number 4 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.06 ng	252719	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Tridecane	184	C13H28	000629-50-5	86





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Sample : H5136-09
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Instrument : BNA_F
ClientSampleId : 100516-09

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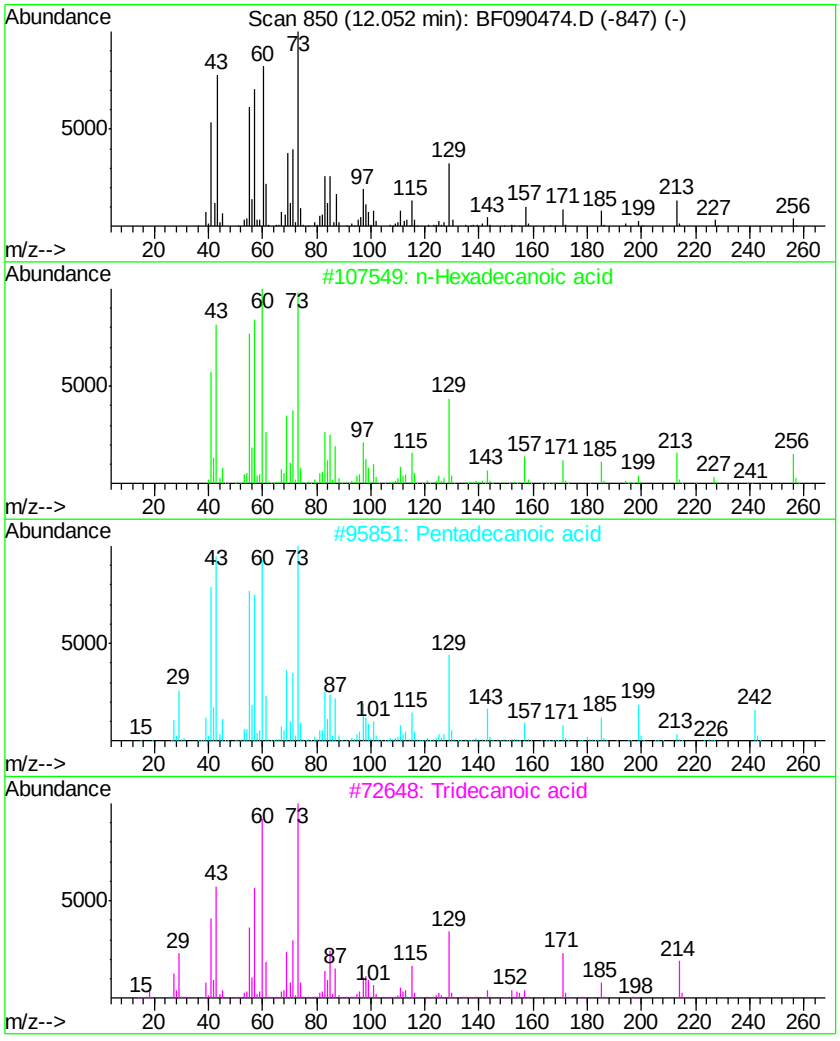
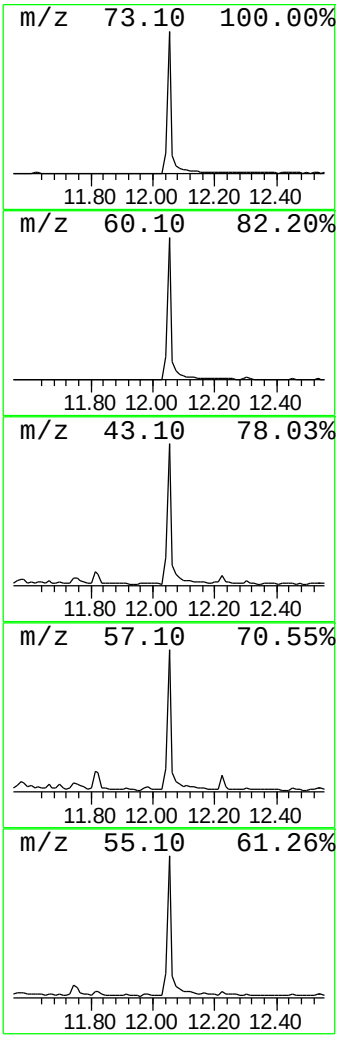
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.77 ng	585742	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	35





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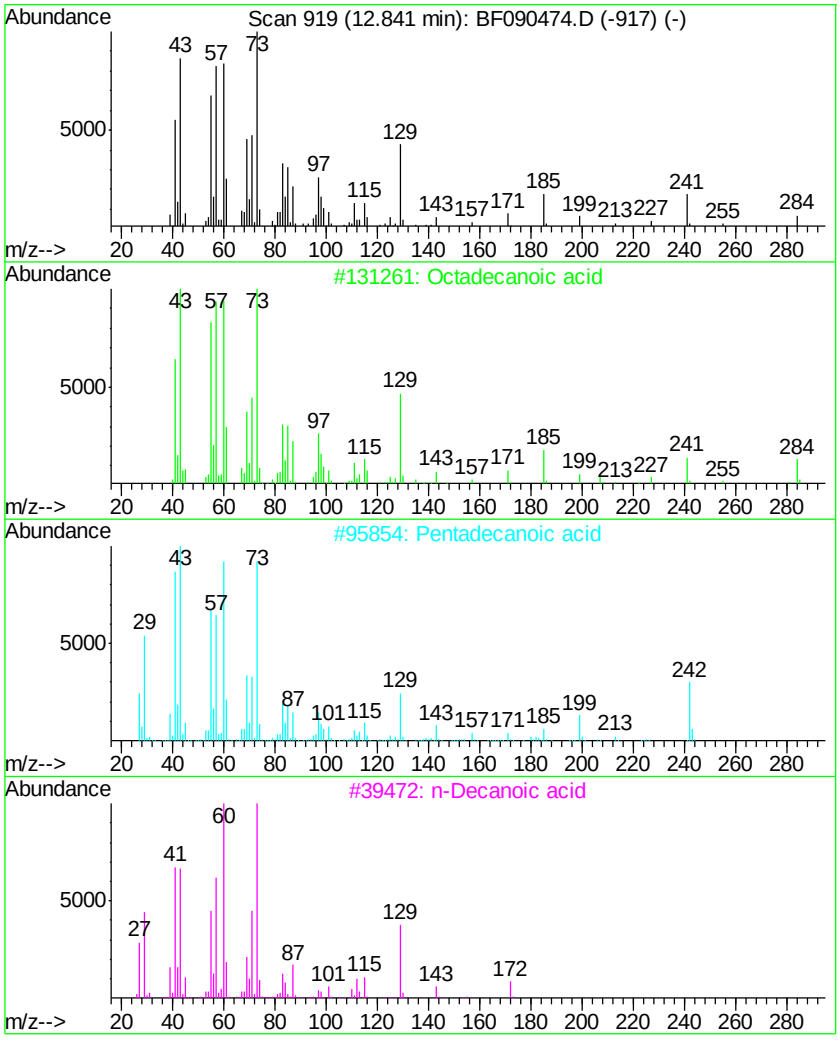
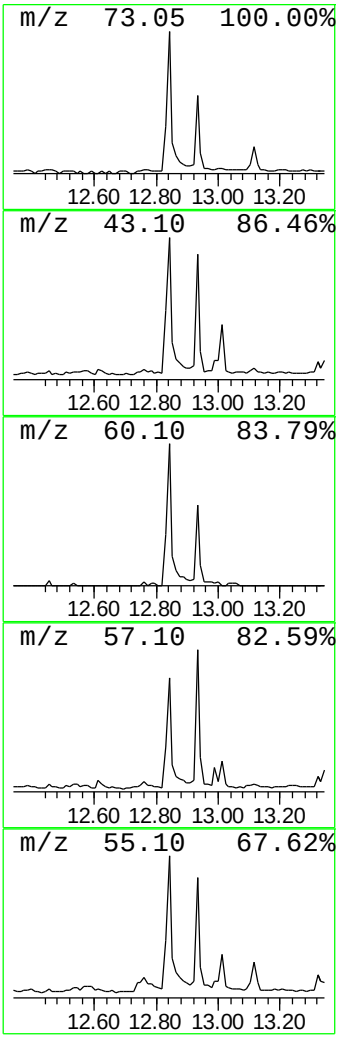
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.23 ng	273744	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	94
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20





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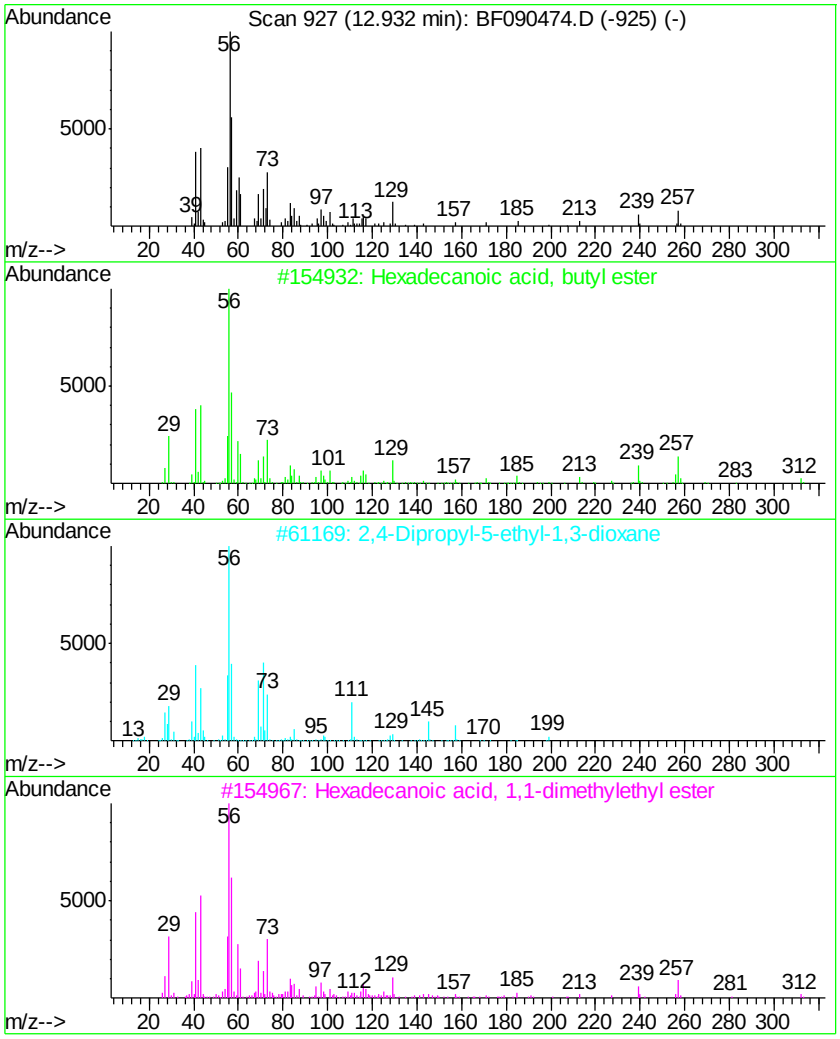
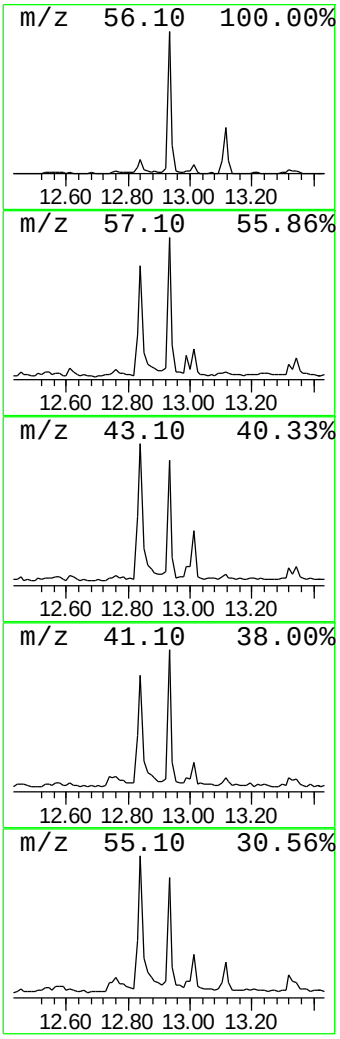
Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.32 ng	188946	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	53
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35





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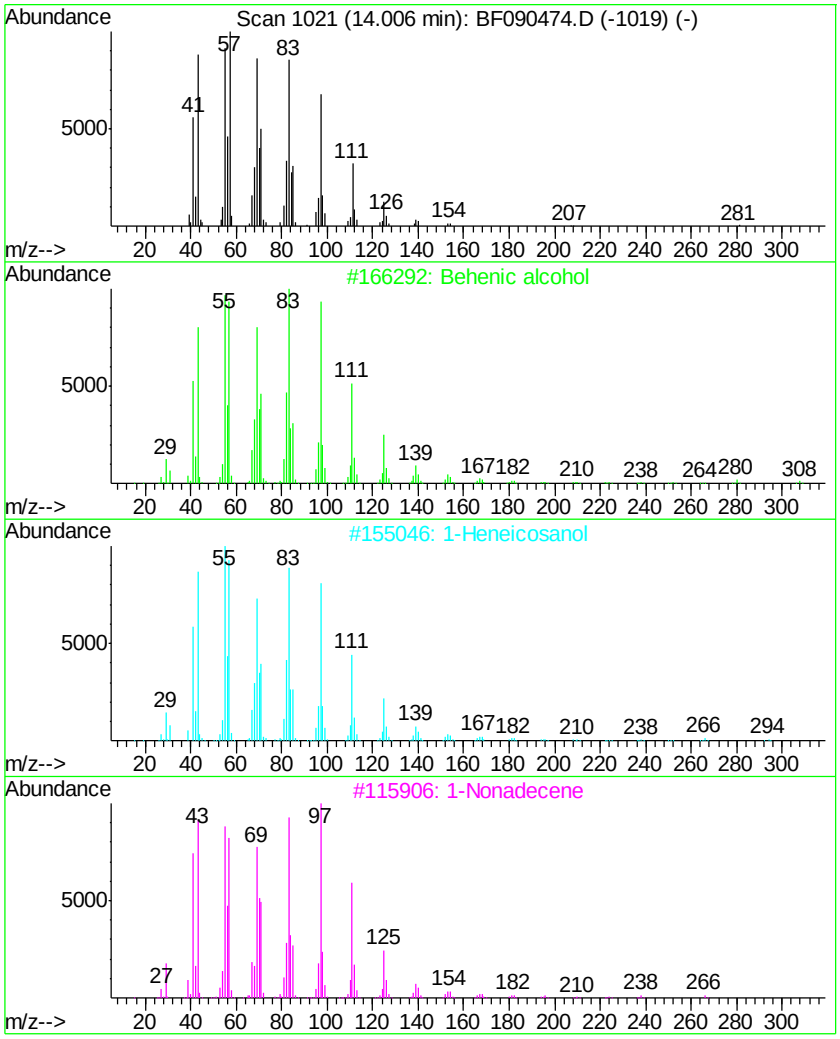
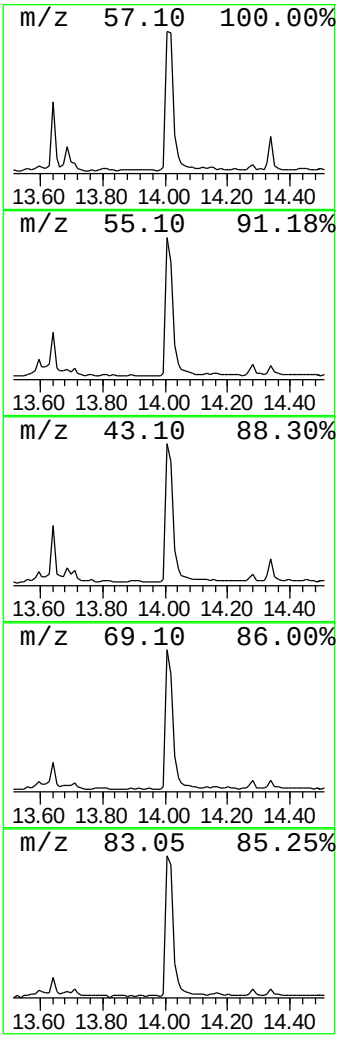
Peak Number 8 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	6.19 ng	503695	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	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...	5.19	23.3	ng	1719590	1	6.99	1475940	20.0
unknown6.76	6.76	95.4	ng	7038800	1	6.99	1475940	20.0
Heptacosane	10.94	2.1	ng	252719	4	11.53	2454240	20.0
n-Hexadecanoic acid	12.05	4.8	ng	585742	4	11.53	2454240	20.0
Octadecanoic acid	12.84	2.2	ng	273744	4	11.53	2454240	20.0
Hexadecanoic acid...	12.93	2.3	ng	188946	5	14.18	1626230	20.0
Behenic alcohol	14.01	6.2	ng	503695	5	14.18	1626230	20.0