LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092752.D
Acq On : 2 Feb 2017 23:05
Operator : SJ/MA
Sample : I1650-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44-COMP

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-BF013017.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	5.127	262	266	277	rBV	1193289	1975516	44.03%	5.785%
2	5.550	300	303	305	rBV	3854695	4231970	94.32%	12.393%
3	6.579	390	393	395	rBV	3858962	4486905	100.00%	13.139%
4	6.704	401	404	407	rBV	3802180	3671238	81.82%	10.751%
5	6.933	422	424	427	rBV	1183680	988652	22.03%	2.895%
6	7.093	435	438	440	rBV	3381885	3073608	68.50%	9.001%
7	7.504	471	474	476	rBV	2659985	2737995	61.02%	8.018%
8	8.225	534	537	539	rBV	1211620	1068027	23.80%	3.128%
9	9.299	628	631	633	rBV	3847640	3383202	75.40%	9.907%
10	9.688	663	665	668	rBV	267203	245298	5.47%	0.718%
11	9.973	688	690	693	rBV	1110329	1026744	22.88%	3.007%
12	10.396	726	727	729	rVB	41901	47231	1.05%	0.138%
13	10.762	756	759	762	rBV	1519516	1570398	35.00%	4.599%
14	10.876	767	769	773	rVB	73967	99818	2.22%	0.292%
15	11.322	805	808	809	rBV	67966	59596	1.33%	0.175%
16	11.459	818	820	822	rBV	1027597	891579	19.87%	2.611%
17	13.048	956	959	961	rBV	2134747	2341513	52.19%	6.857%
18	13.939	1035	1037	1043	rBV	42676	85592	1.91%	0.251%
19	14.099	1048	1051	1053	rBV	730923	794319	17.70%	2.326%
20	14.934	1122	1124	1127	rVB	50405	69960	1.56%	0.205%
21	15.128	1139	1141	1145	rBV	20962	45083	1.00%	0.132%
22	15.562	1175	1179	1183	rBV	583265	890193	19.84%	2.607%
23	16.008	1215	1218	1221	rBV	46766	64975	1.45%	0.190%
24	16.511	1258	1262	1269	rBV2	42911	89788	2.00%	0.263%
25	17.094	1309	1313	1317	rBV2	35353	71758	1.60%	0.210%
26	17.791	1370	1374	1379	rVB	27098	69506	1.55%	0.204%
27	18.614	1441	1446	1453	rBV2	20255	68693	1.53%	0.201%

Sum of corrected areas: 34149157

LSC Report - Integrated Chromatogram

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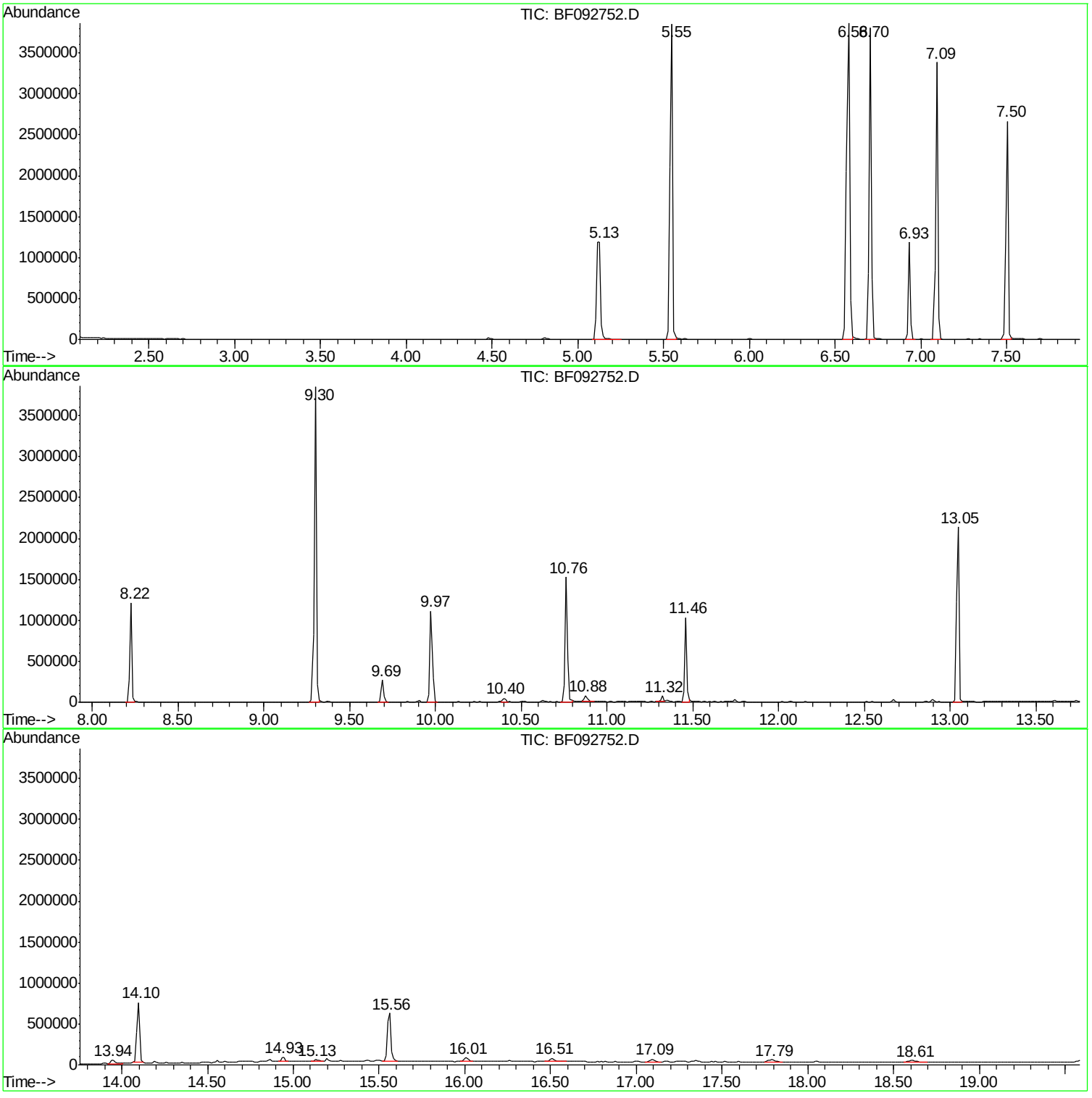
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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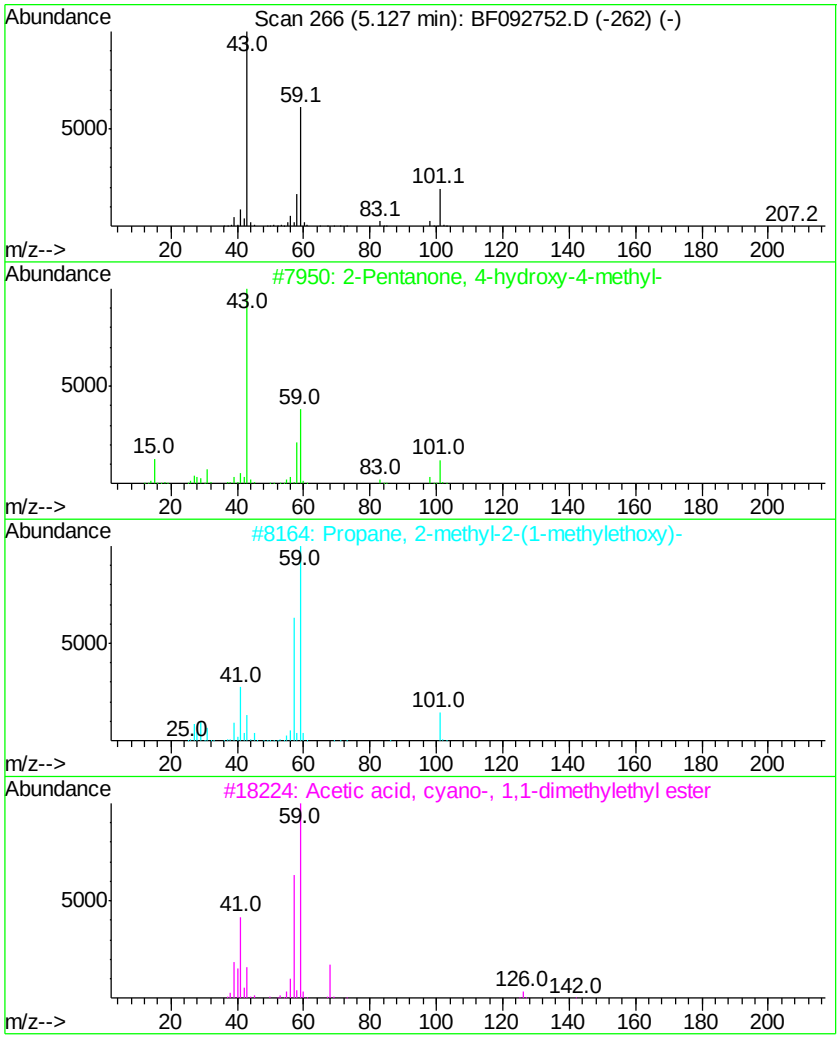
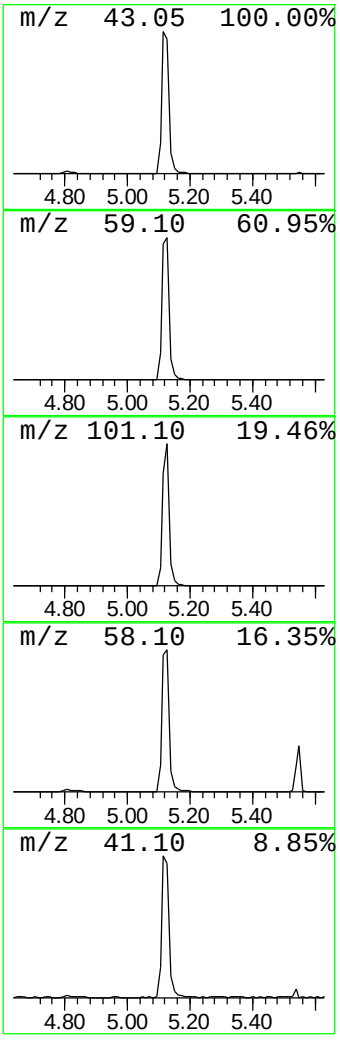
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	39.96 ng	1975520	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
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	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





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Sample : I1650-10
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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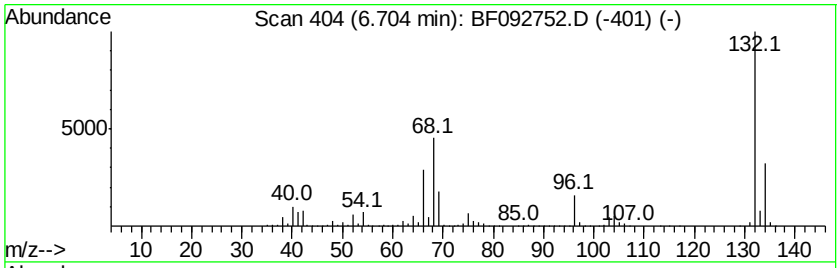
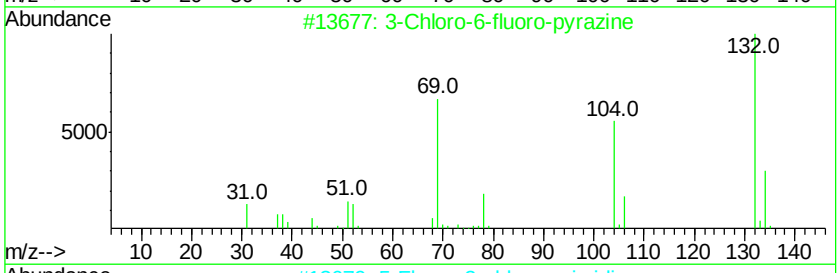
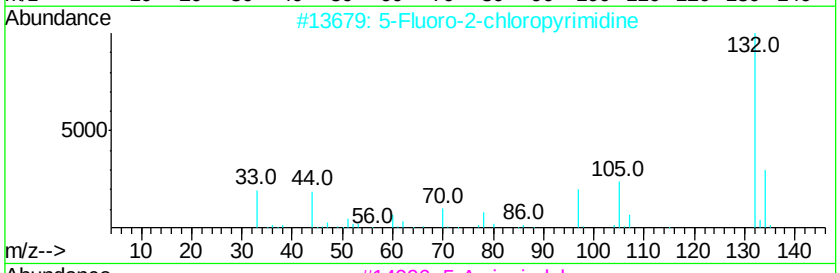
Peak Number 2 unknown6.70 Concentration Rank 1

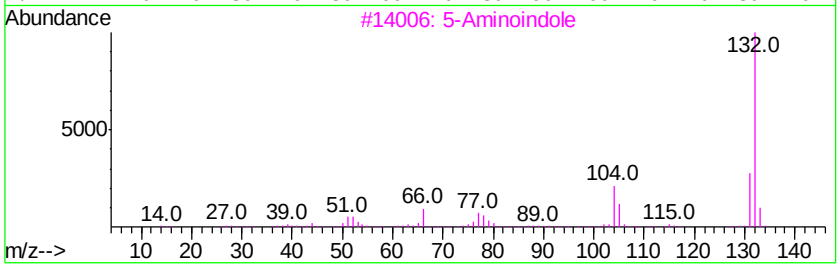
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	74.27 ng	3671240	1,4-Dichlorobenzene-d4	6.93

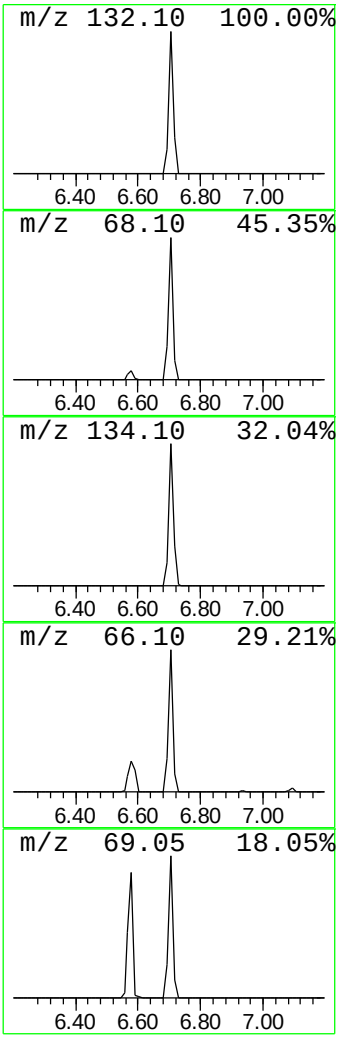
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9











Library Search Compound Report

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ClientSampleId : SB-44-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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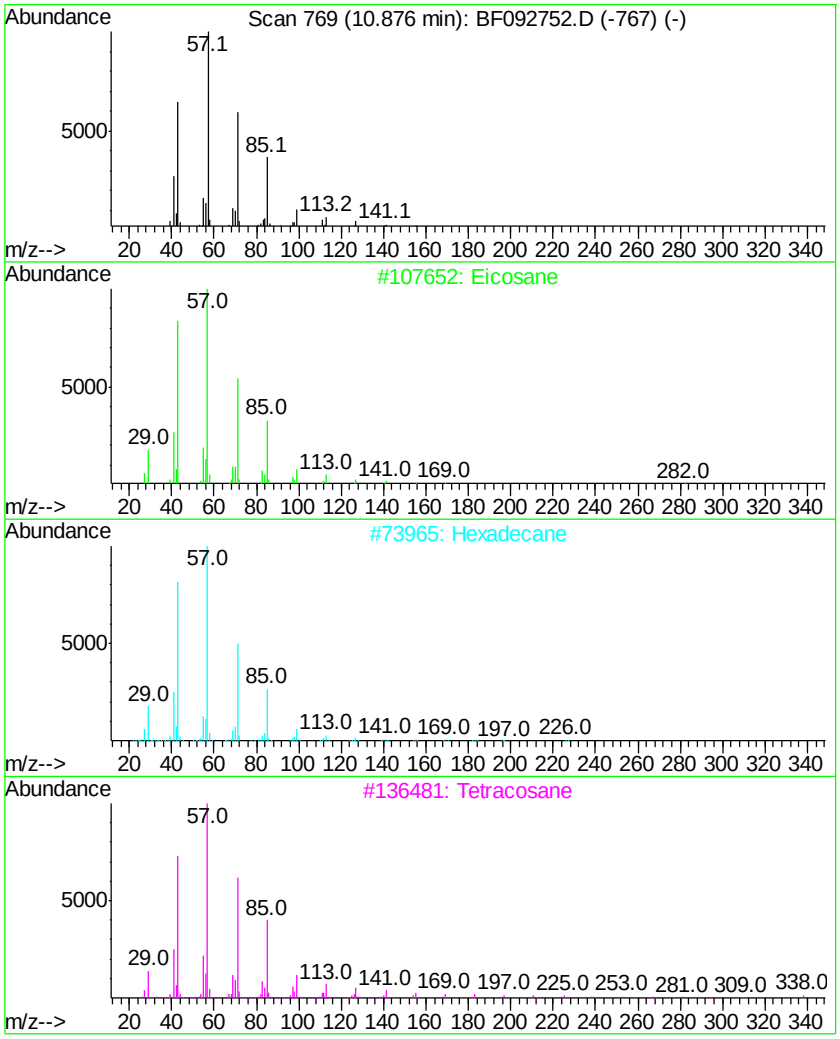
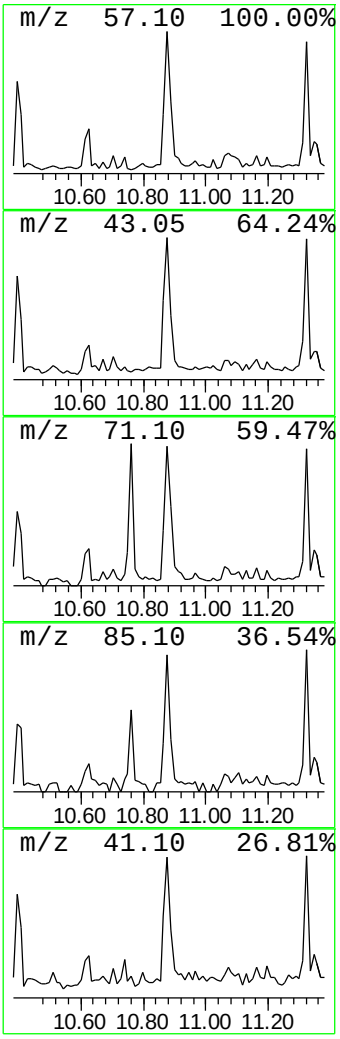
Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.24 ng	99818	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Sample : I1650-10
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Instrument : BNA_F
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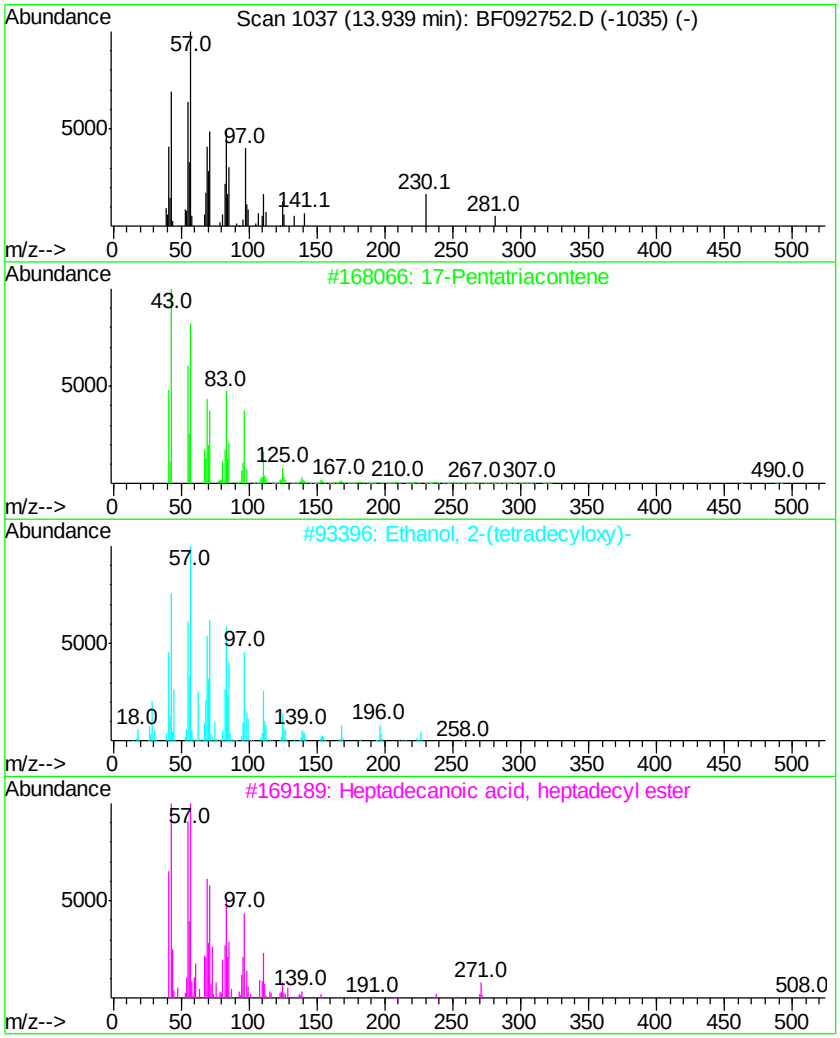
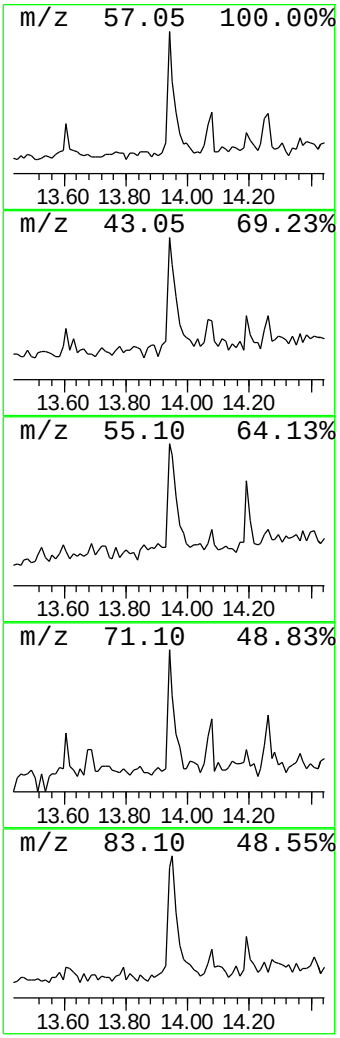
Peak Number 5 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.16 ng	85592	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	87
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76





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TIC Integration Parameters: LSCINT.P

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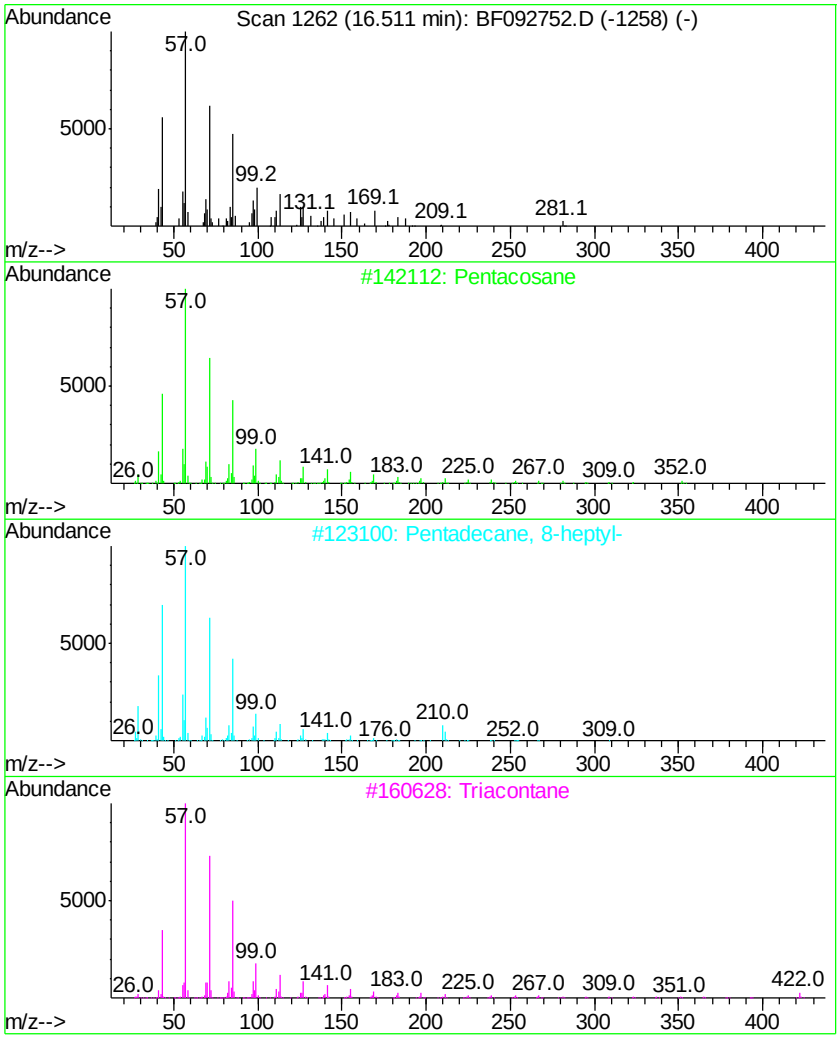
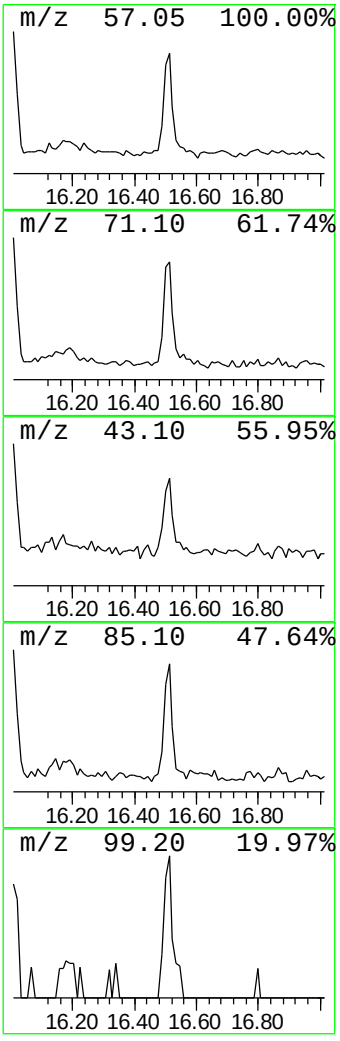
Peak Number 6 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.02 ng	89788	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3	Triacontane	422	C30H62	000638-68-6	86
4	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	86
5	Eicosane	282	C20H42	000112-95-8	86





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...	5.13	40.0	ng	1975520	1	6.93	988652	20.0
unknown6.70	6.70	74.3	ng	3671240	1	6.93	988652	20.0
Eicosane	10.88	2.2	ng	99818	4	11.46	891579	20.0
17-Pentatriacontene	13.94	2.2	ng	85592	5	14.10	794319	20.0
Pentacosane	16.51	2.0	ng	89788	6	15.56	890193	20.0