LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092656.D
Acq On : 31 Jan 2017 1:38
Operator : SJ/MA
Sample : I1569-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELT-SB-03-10-12

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	5.162	265	269	278	rVB	1943242	2943970	49.71%	5.790%
2	5.584	302	306	308	rBV	3901854	5623925	94.95%	11.062%
3	6.602	392	395	398	rBV	3823776	5478607	92.50%	10.776%
4	6.727	403	406	409	rBV	3736136	5414943	91.43%	10.651%
5	6.956	424	426	429	rBV	1235296	1051431	17.75%	2.068%
6	7.116	437	440	442	rBV	4074926	3785301	63.91%	7.445%
7	7.527	473	476	478	rBV	3127731	3384745	57.15%	6.657%
8	8.248	536	539	542	rBV	1442279	1383593	23.36%	2.721%
9	9.333	630	634	636	rBV	4018823	5922768	100.00%	11.649%
10	9.722	665	668	670	rBV	411024	408842	6.90%	0.804%
11	9.928	682	686	690	rVB	94012	172171	2.91%	0.339%
12	10.008	690	693	695	rVB	1731326	1709037	28.86%	3.362%
13	10.431	728	730	732	rVB	119711	99638	1.68%	0.196%
14	10.648	746	749	753	rBV	36548	62693	1.06%	0.123%
15	10.796	759	762	765	rBV	2701135	3355230	56.65%	6.599%
16	10.899	770	771	776	rVB	117264	163366	2.76%	0.321%
17	11.356	809	811	812	rBV	81689	108531	1.83%	0.213%
18	11.494	820	823	825	rBV	1852351	1677695	28.33%	3.300%
19	13.082	959	962	964	rBV	4644474	4916224	83.01%	9.670%
20	13.962	1037	1039	1043	rBV	276868	337438	5.70%	0.664%
21	14.134	1051	1054	1056	rVB	1197128	1416244	23.91%	2.786%
22	14.591	1092	1094	1098	rBV	56121	78809	1.33%	0.155%
23	14.900	1117	1121	1125	rBV2	42729	92678	1.56%	0.182%
24	14.980	1125	1128	1130	rBV	113651	130515	2.20%	0.257%
25	15.243	1148	1151	1153	rBV	45443	60882	1.03%	0.120%
26	15.597	1179	1182	1188	rBV	710594	1062167	17.93%	2.089%

Sum of corrected areas: 50841443

LSC Report - Integrated Chromatogram

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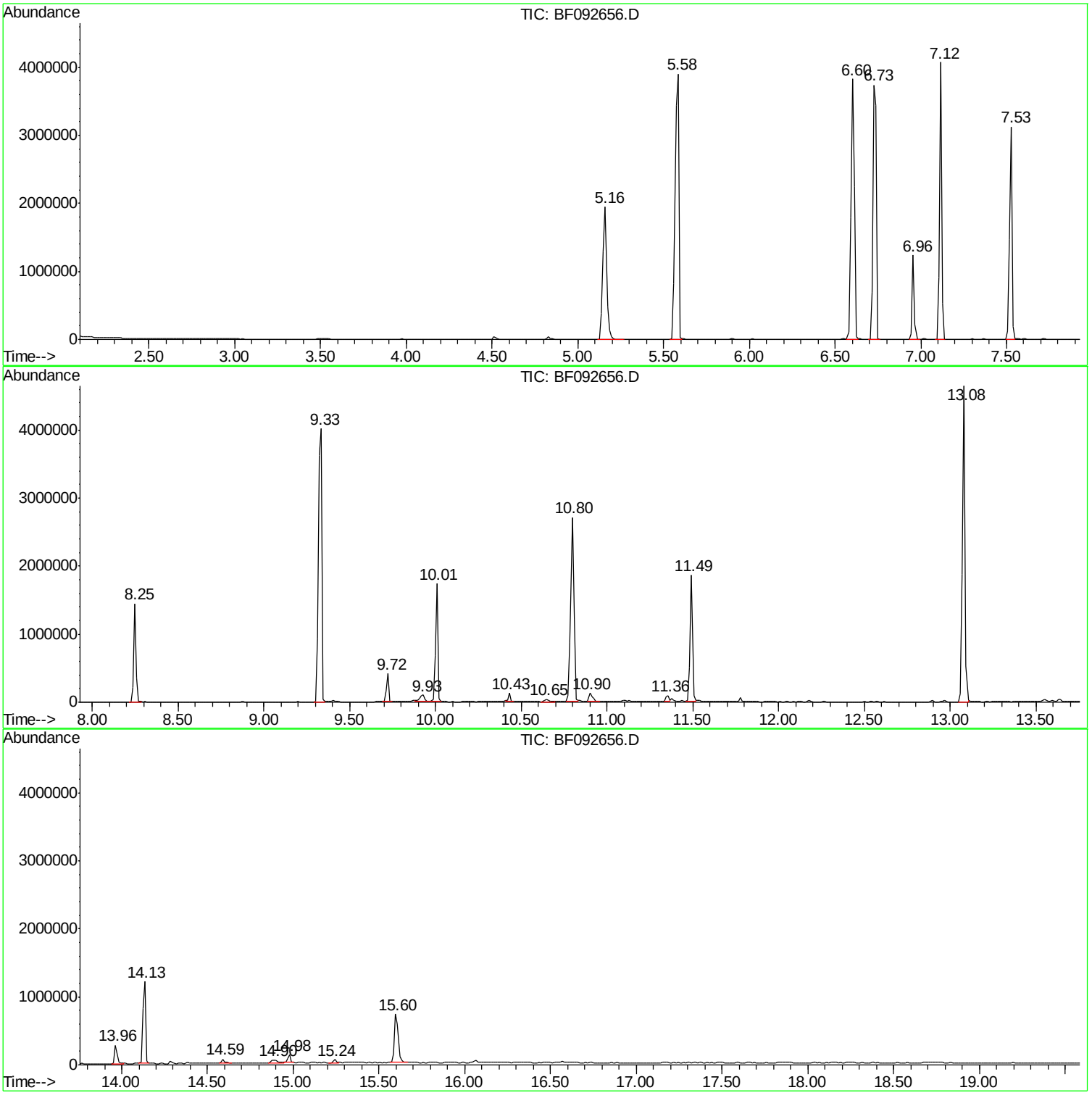
Instrument :
BNA_F
ClientSampleId :
ELT-SB-03-10-12

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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TIC Integration Parameters: LSCINT.P

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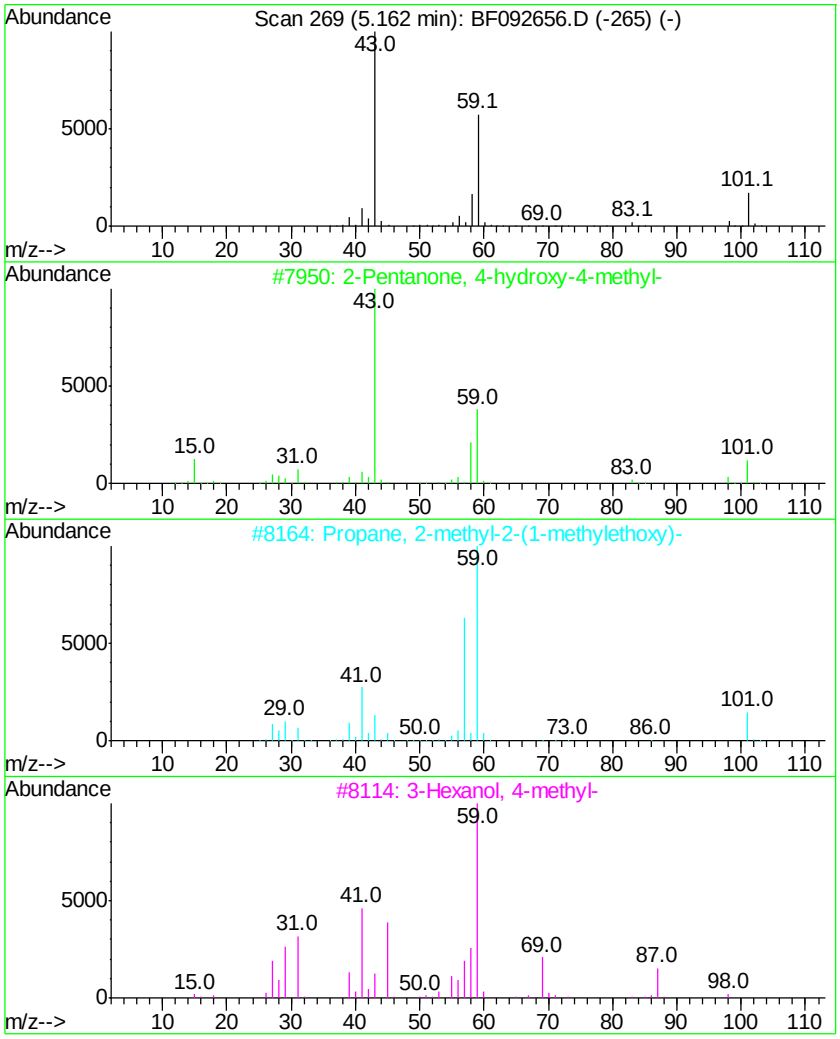
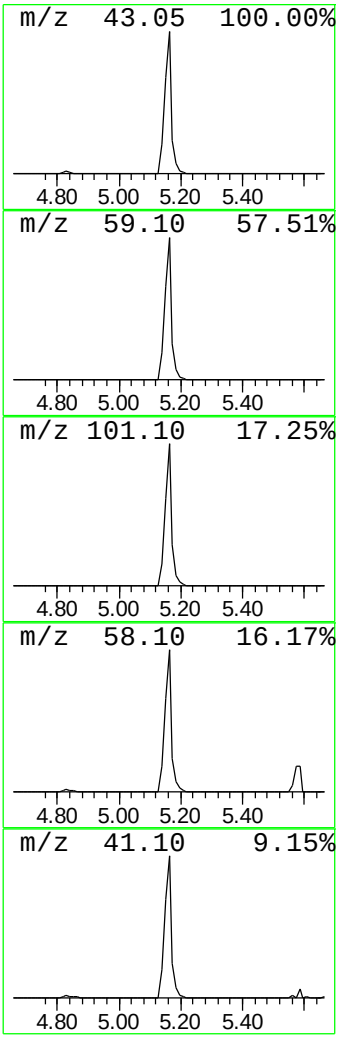
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	56.00 ng	2943970	1,4-Dichlorobenzene-d4	6.96

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	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Sample : I1569-05
Misc :
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Instrument : BNA_F
ClientSampleId : ELT-SB-03-10-12

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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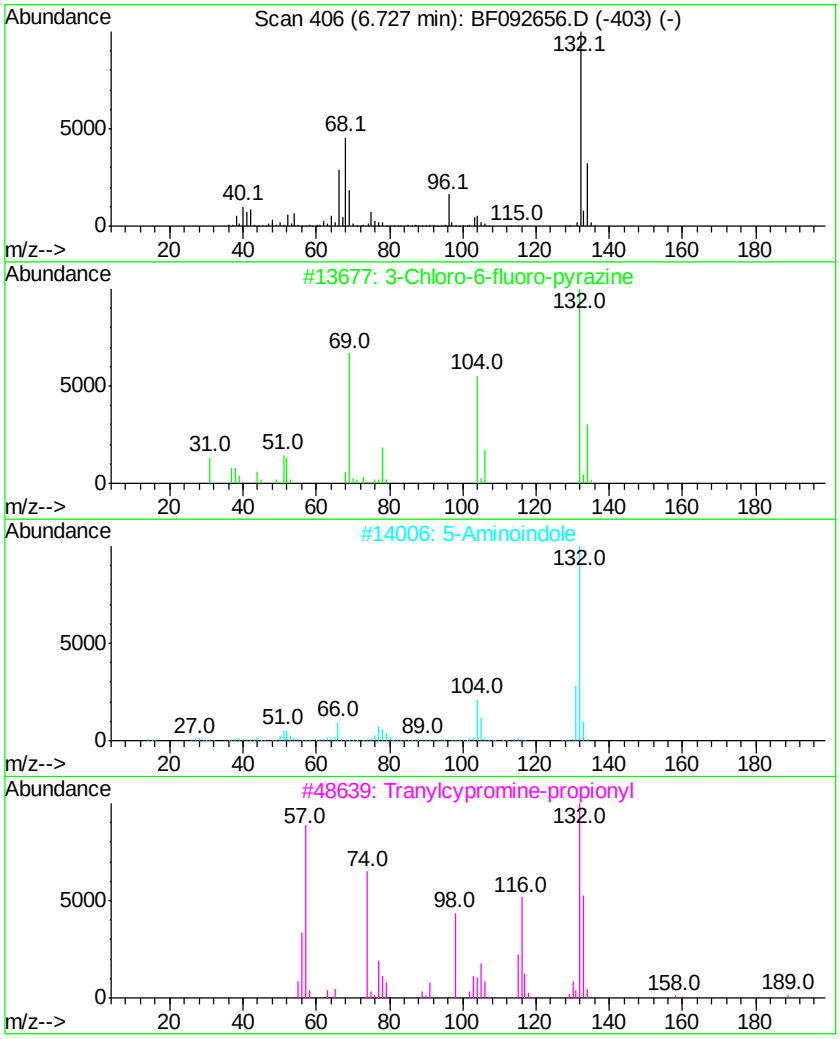
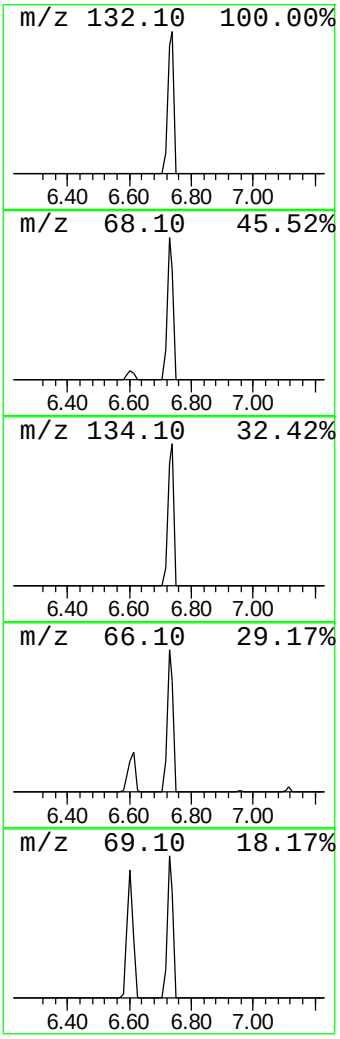
Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	103.00 ng	5414940	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : SJ/MA
Sample : I1569-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELT-SB-03-10-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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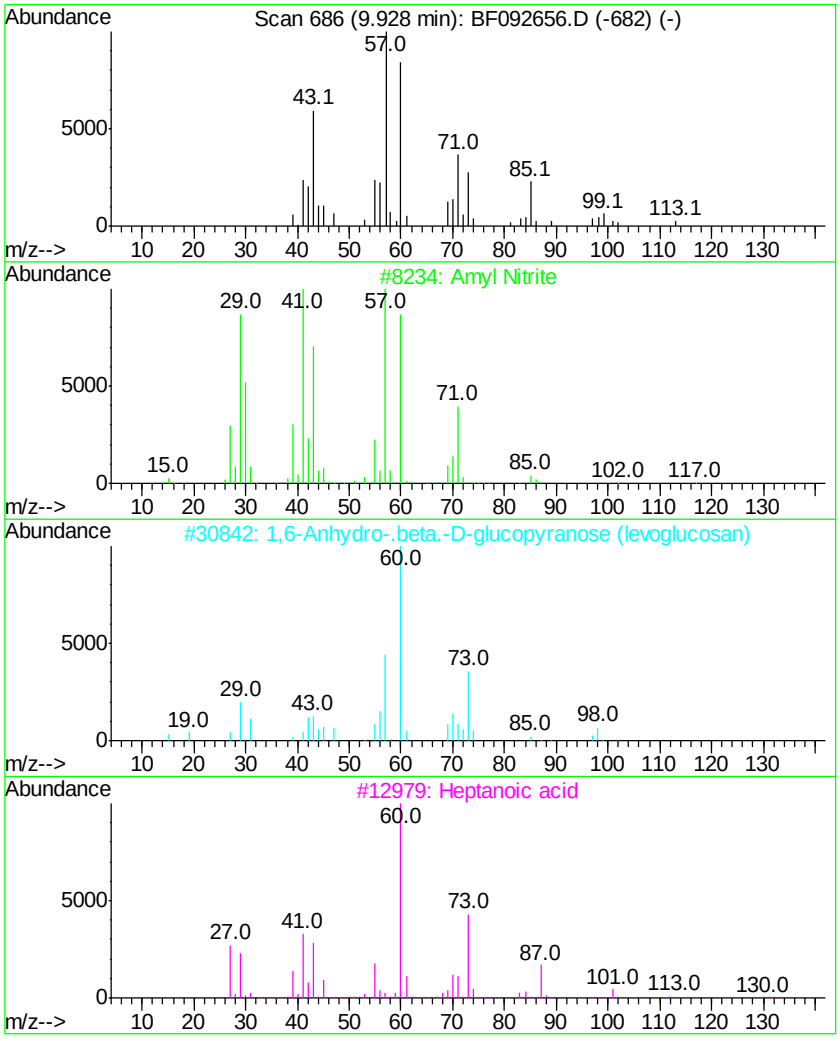
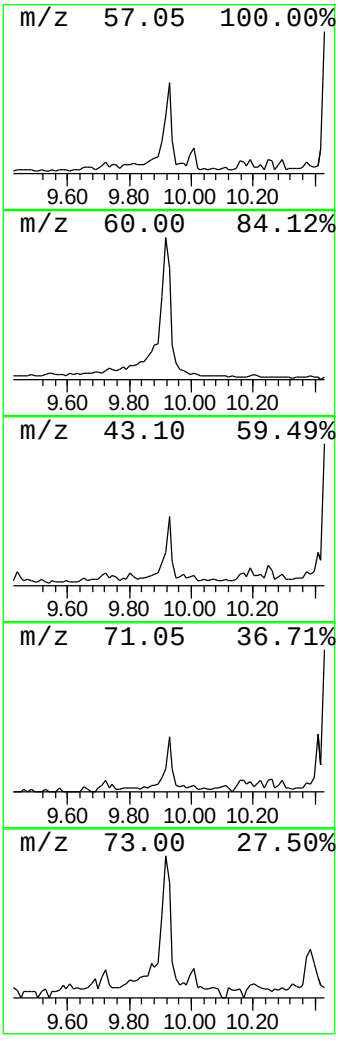
Peak Number 4 Amyl Nitrite Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.01 ng	172171	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amyl Nitrite	117	C5H11NO2	000110-46-3	50
2	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	47
3	Heptanoic acid	130	C7H14O2	000111-14-8	35
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	27
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	22





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Instrument : BNA_F
ClientSampleId : ELT-SB-03-10-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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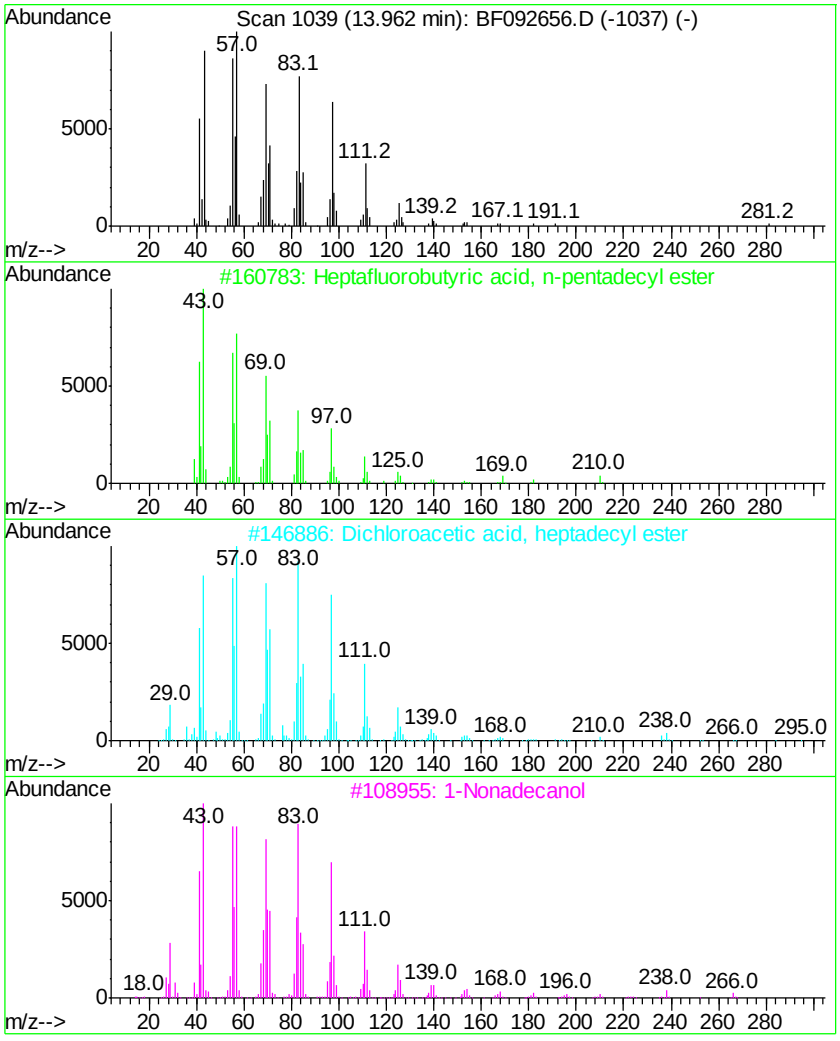
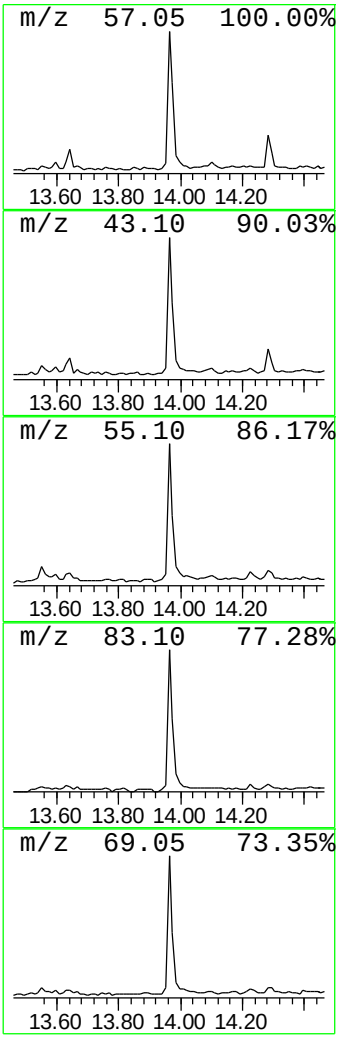
Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.77 ng	337438	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Nonadecanol	284	C19H40O	001454-84-8	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELT-SB-03-10-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Integration Parameters: LSCINT.P

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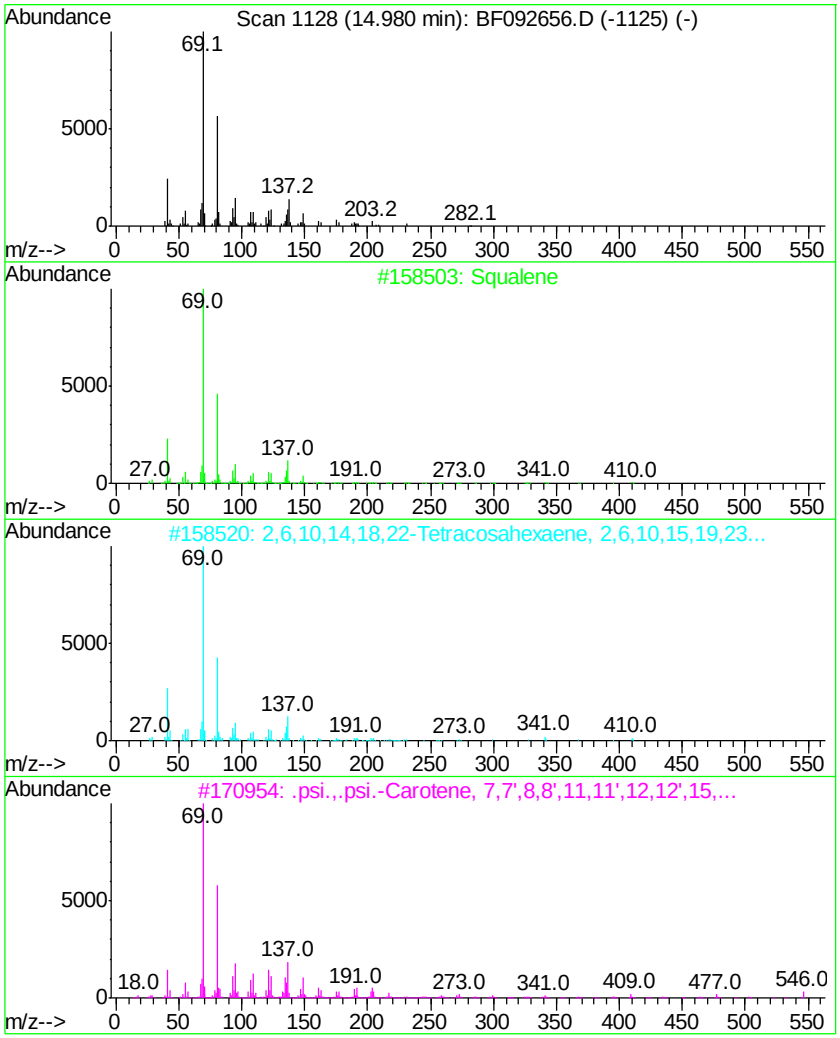
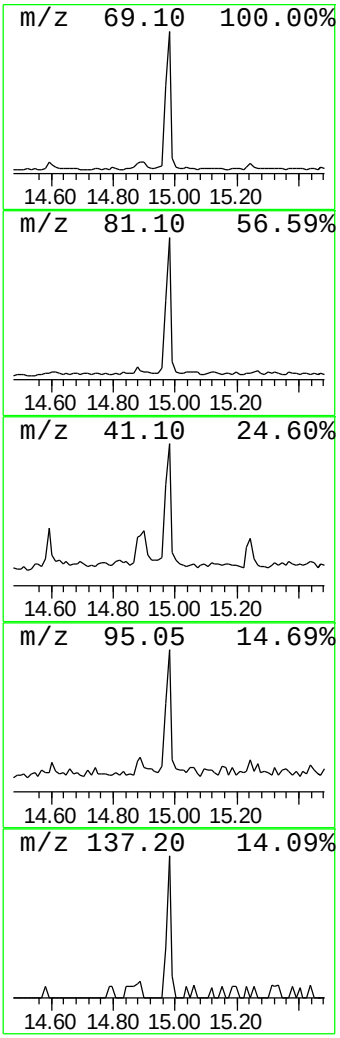
Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.46 ng	130515	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





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...	5.16	56.0	ng	2943970	1	6.96	1051430	20.0
unknown6.73	6.73	103.0	ng	5414940	1	6.96	1051430	20.0
Amyl Nitrite	9.93	2.0	ng	172171	3	10.01	1709040	20.0
Heptafluorobutyri...	13.96	4.8	ng	337438	5	14.13	1416240	20.0
Squalene	14.98	2.5	ng	130515	6	15.60	1062170	20.0