LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093402.D
Acq On : 6 Mar 2017 15:55
Operator : SJ/MA
Sample : I2091-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RF-1

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	1.944	3	5	21	rVB	63311	161717	3.57%	0.417%
2	4.916	263	265	283	rBV	667253	1036766	22.86%	2.671%
3	5.361	302	304	325	rBV	3395671	3721503	82.07%	9.589%
4	6.424	394	397	405	rBV	3904200	4515531	99.58%	11.635%
5	6.539	405	407	410	rBV	3589726	3589339	79.16%	9.248%
6	6.767	425	427	430	rBV	1304353	1234328	27.22%	3.180%
7	6.927	439	441	443	rBV	2946187	2836710	62.56%	7.309%
8	7.339	475	477	480	rBV	2105183	2188395	48.26%	5.639%
9	8.059	537	540	542	rBV	1339805	1475113	32.53%	3.801%
10	9.133	631	634	636	rBV	4401952	4534543	100.00%	11.684%
11	9.533	666	669	671	rBV	221215	264615	5.84%	0.682%
12	9.739	684	687	691	rBV	84569	163320	3.60%	0.421%
13	9.807	691	693	695	rVV	1855597	1753852	38.68%	4.519%
14	10.230	729	730	732	rVB	75076	69779	1.54%	0.180%
15	10.596	759	762	765	rBV	2235941	2306647	50.87%	5.943%
16	10.710	770	772	776	rVB	84774	133851	2.95%	0.345%
17	11.156	809	811	812	rBV	73698	76058	1.68%	0.196%
18	11.293	820	823	825	rBV	1475285	1761125	38.84%	4.538%
19	12.505	926	929	931	rBV	213227	194806	4.30%	0.502%
20	12.733	944	949	951	rBV	163584	195313	4.31%	0.503%
21	12.871	958	961	964	rBV	3232665	3711388	81.85%	9.563%
22	13.762	1037	1039	1046	rBV2	221495	322226	7.11%	0.830%
23	13.934	1051	1054	1056	rBV	923888	1346242	29.69%	3.469%
24	14.745	1123	1125	1128	rBV	54793	54116	1.19%	0.139%
25	14.951	1140	1143	1144	rBV	46662	72380	1.60%	0.186%
26	15.282	1170	1172	1174	rBV	29467	47514	1.05%	0.122%
27	15.339	1174	1177	1184	rVB	746894	937081	20.67%	2.415%
28	16.722	1295	1298	1301	rBV	30229	59210	1.31%	0.153%
29	17.134	1332	1334	1341	rBV2	14679	46845	1.03%	0.121%

Sum of corrected areas: 38810313

LSC Report - Integrated Chromatogram

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Misc :
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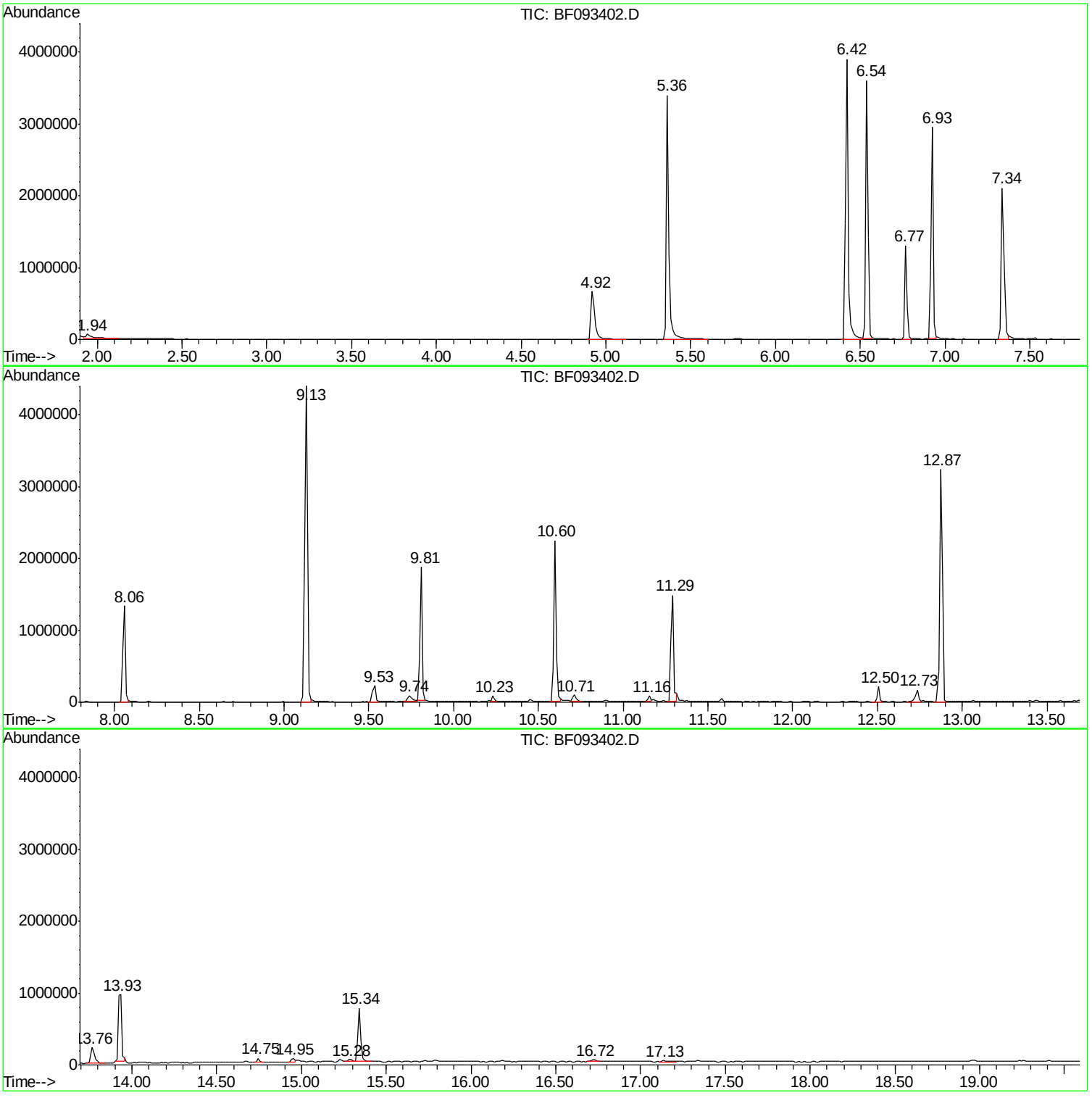
Instrument : BNA_F
ClientSampleId : RF-1

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

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093402.D
Acq On : 6 Mar 2017 15:55
Operator : SJ/MA
Sample : I2091-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RF-1

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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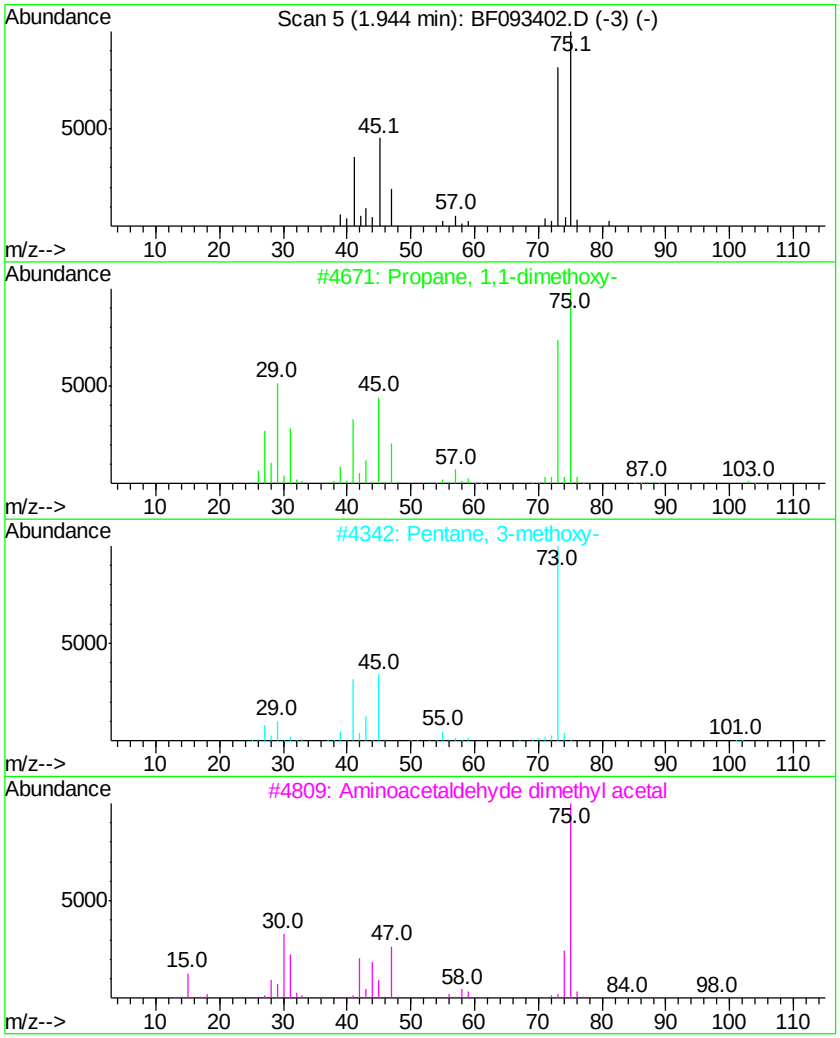
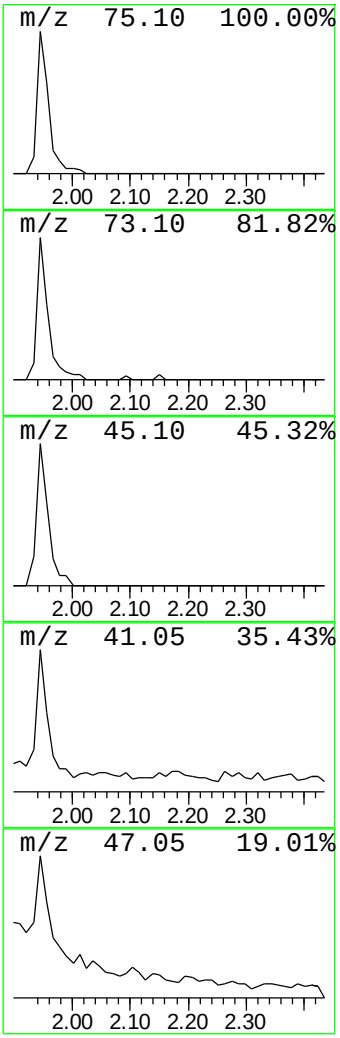
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	2.62 ng	161717	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Sample : I2091-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RF-1

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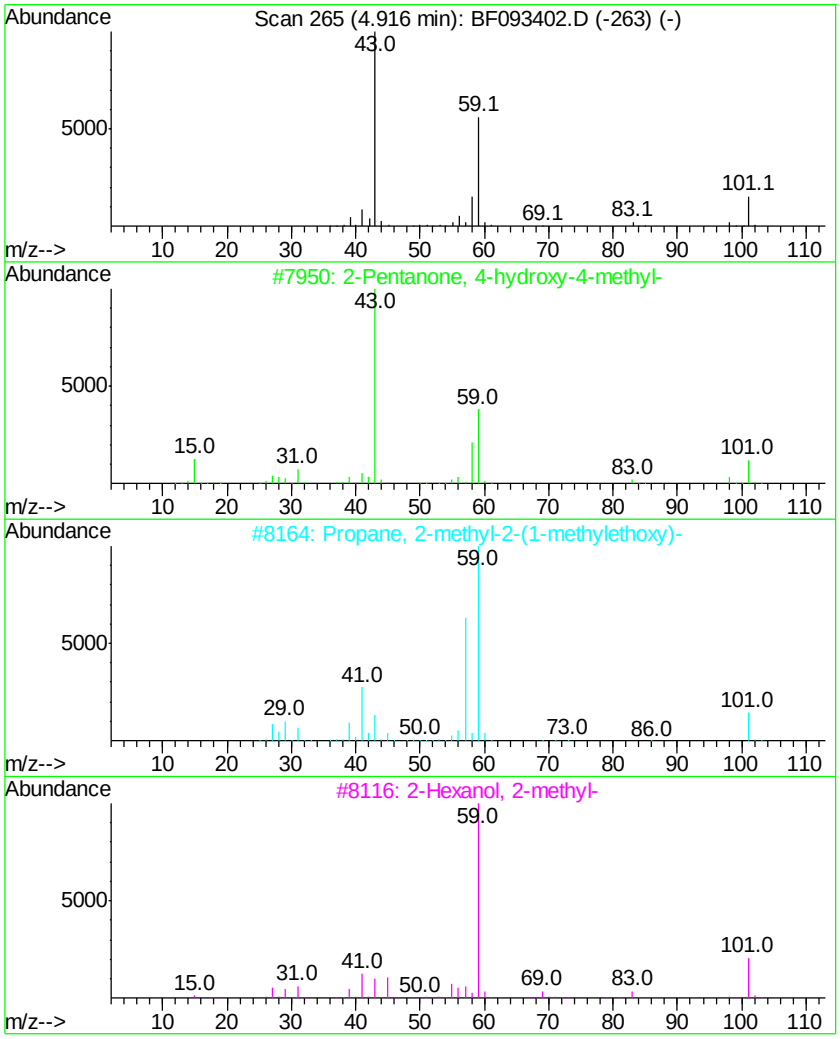
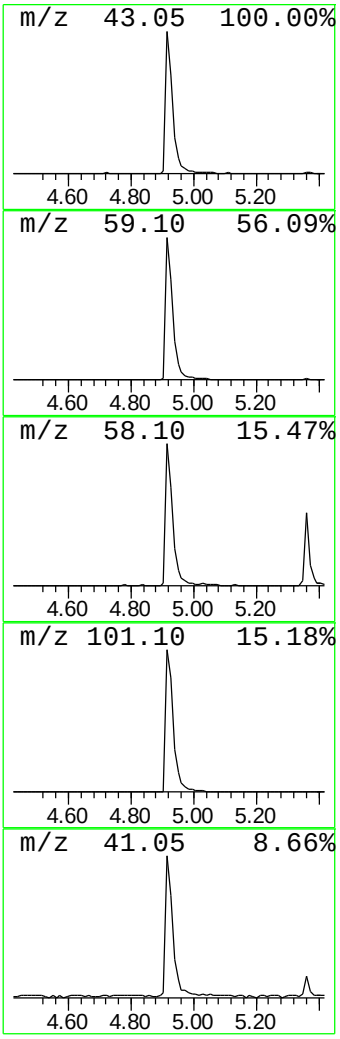
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	16.80 ng	1036770	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 15:55
Operator : SJ/MA
Sample : I2091-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RF-1

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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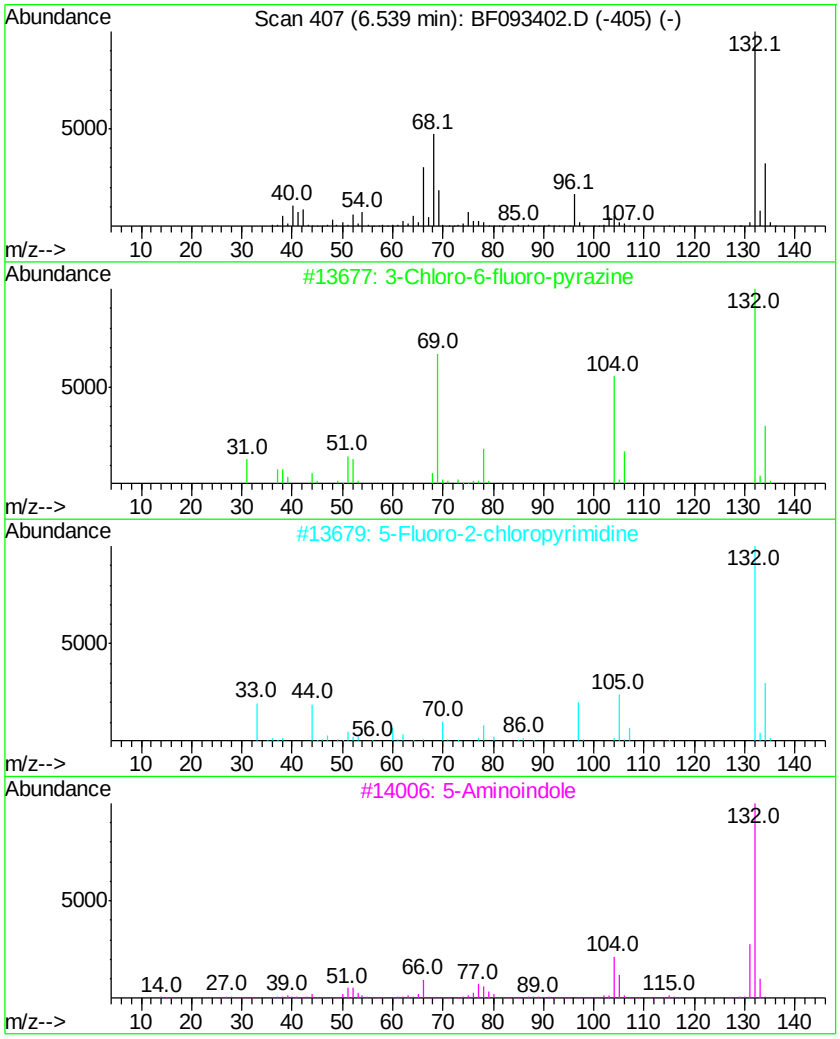
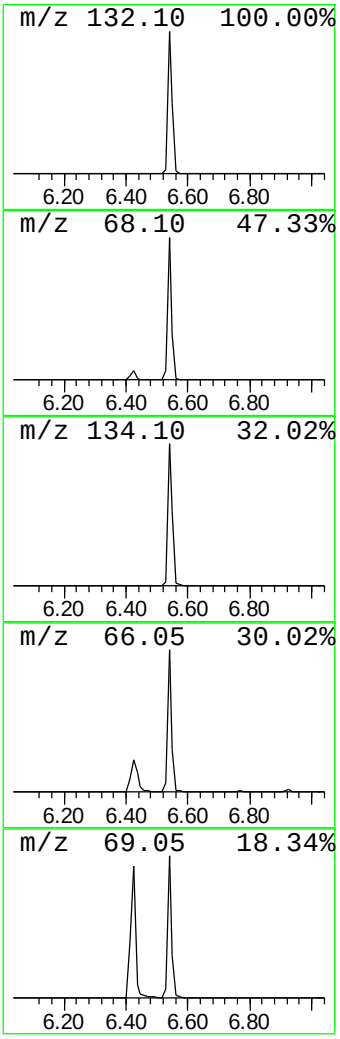
Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	58.16 ng	3589340	1,4-Dichlorobenzene-d4	6.77

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : RF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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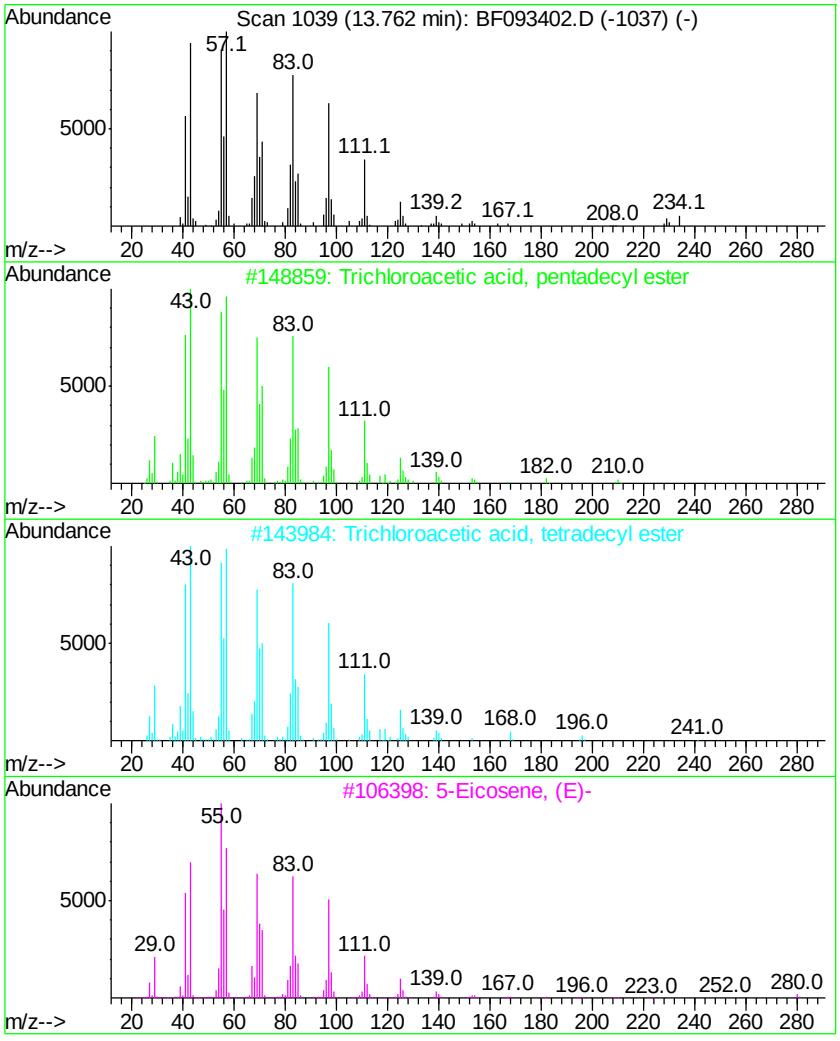
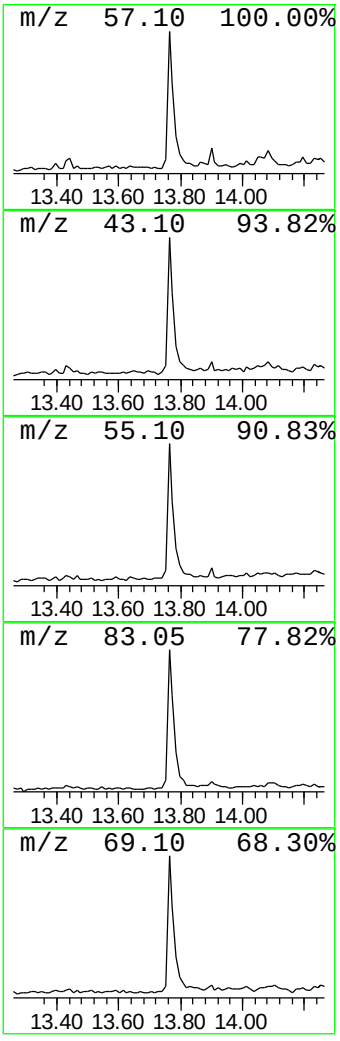
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.79 ng	322226	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
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Operator : SJ/MA
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	1.94	2.6	ng	161717	1	6.77	1234330	20.0
2-Pentanone, 4-hy...	4.92	16.8	ng	1036770	1	6.77	1234330	20.0
unknown6.54	6.54	58.2	ng	3589340	1	6.77	1234330	20.0
Trichloroacetic a...	13.76	4.8	ng	322226	5	13.93	1346240	20.0