LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091114.D
Acq On : 9 Nov 2016 6:55
Operator : UM/SJ
Sample : H5547-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-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-BF110316.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	1.755	4	6	42	rVB	2945676	7141356	100.00%	18.765%
2	4.796	270	272	282	rBV	169609	304985	4.27%	0.801%
3	5.242	309	311	328	rBV	1171901	1690505	23.67%	4.442%
4	6.305	402	404	413	rBV2	690991	1036251	14.51%	2.723%
5	6.430	413	415	417	rBV	3695486	3470627	48.60%	9.119%
6	6.659	433	435	444	rBV	996228	971139	13.60%	2.552%
7	6.819	446	449	451	rBV	3848878	3916114	54.84%	10.290%
8	7.230	483	485	488	rBV	2637563	2602638	36.44%	6.839%
9	7.950	546	548	550	rBV	1147812	1194301	16.72%	3.138%
10	9.025	640	642	645	rBV	4743772	4646324	65.06%	12.209%
11	9.425	675	677	679	rBV	174962	156752	2.19%	0.412%
12	9.699	698	701	703	rBV	1125936	1320353	18.49%	3.469%
13	10.488	767	770	772	rBV	2507211	2622515	36.72%	6.891%
14	10.614	779	781	787	rVB	65256	95980	1.34%	0.252%
15	11.048	817	819	821	rBV2	91391	118217	1.66%	0.311%
16	11.174	828	830	833	rBV	1265362	1101094	15.42%	2.893%
17	12.762	966	969	971	rBV	4176792	3854632	53.98%	10.128%
18	13.334	1017	1019	1021	rVB	156929	139801	1.96%	0.367%
19	13.802	1058	1060	1063	rBV	972760	891713	12.49%	2.343%
20	15.174	1178	1180	1183	rBV	558565	782271	10.95%	2.055%

Sum of corrected areas: 38057568

LSC Report - Integrated Chromatogram

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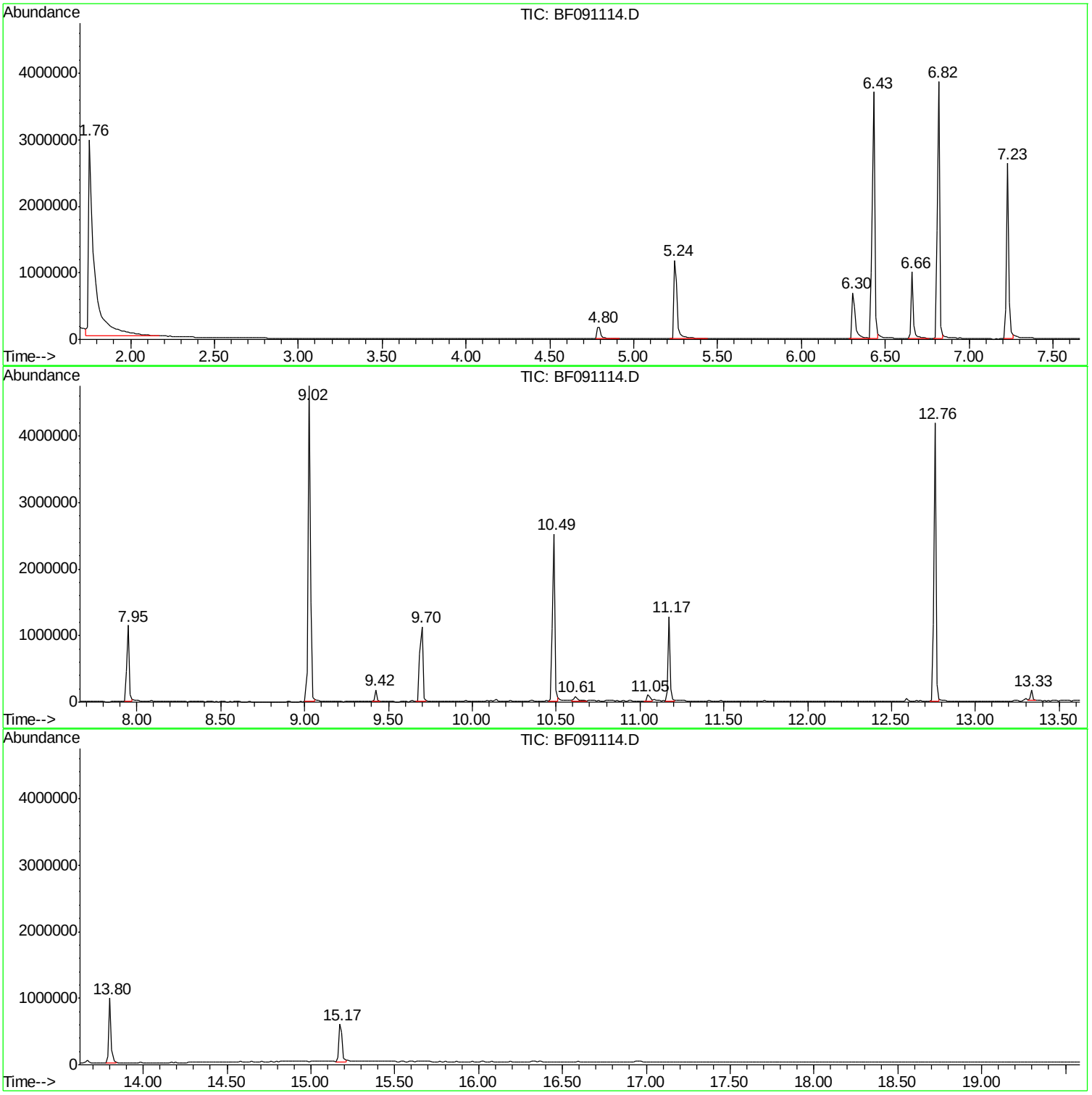
WATER-QUALITYDRY-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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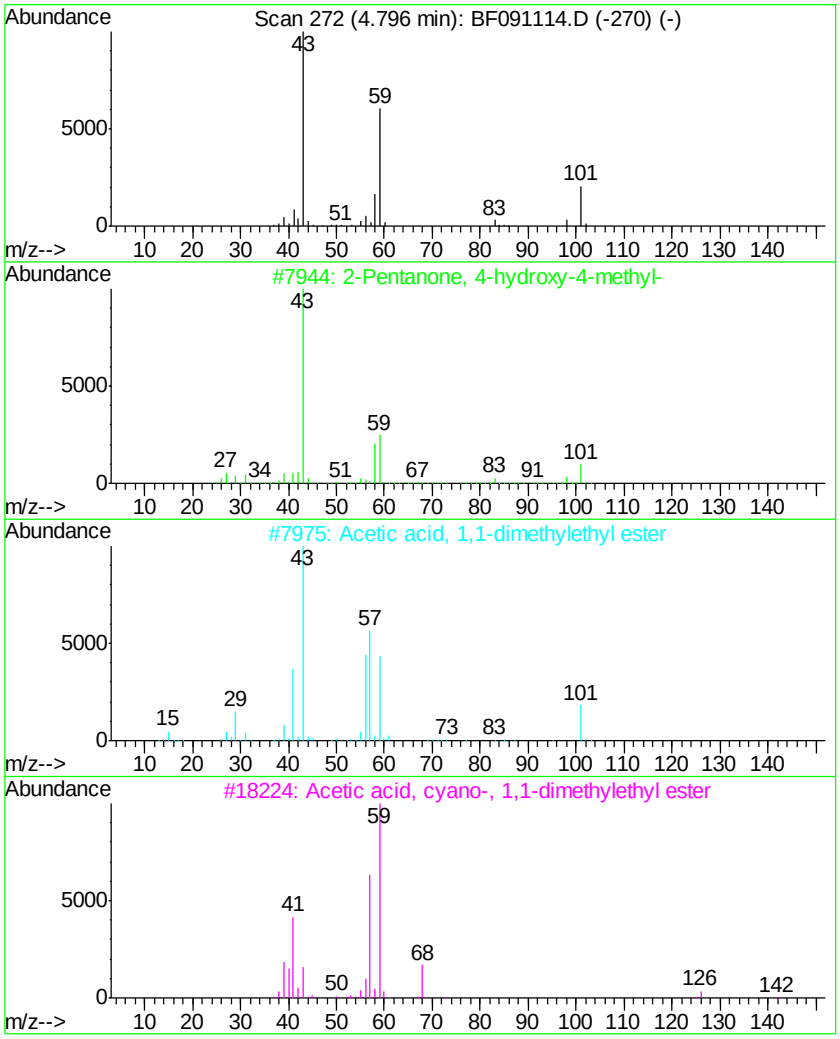
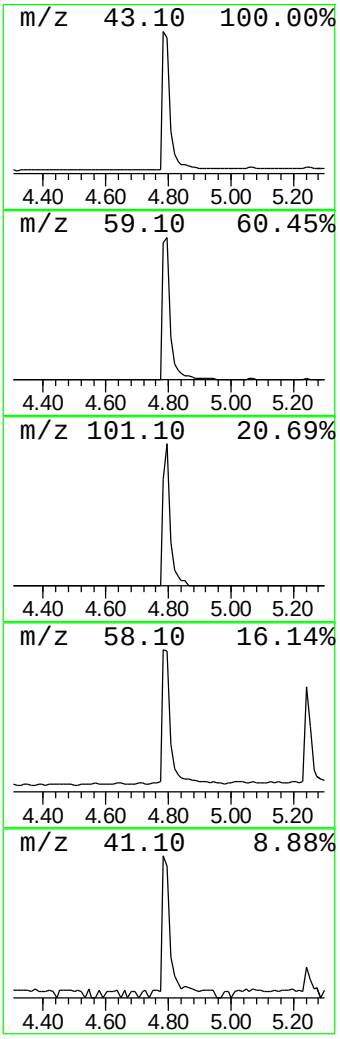
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	6.28 ng	304985	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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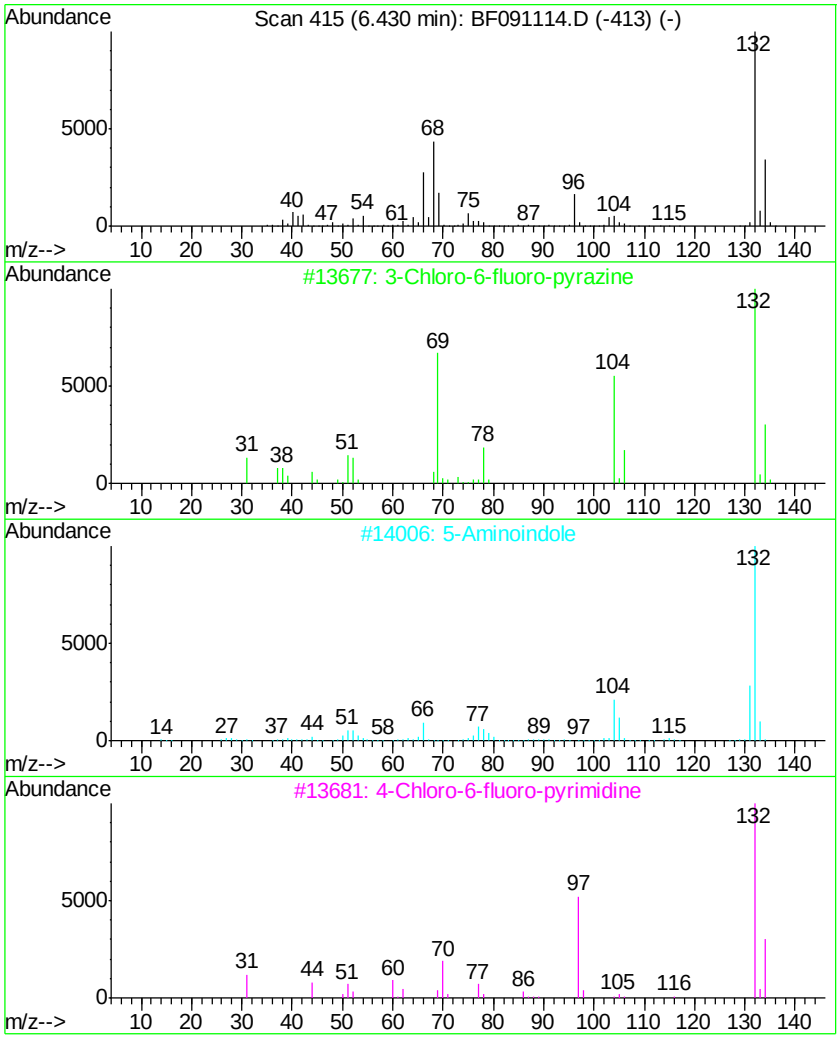
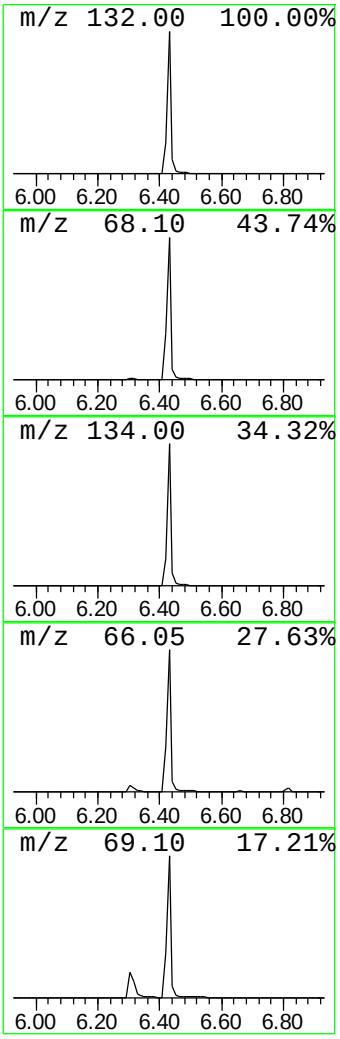
Peak Number 3 unknown6.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	71.48 ng	3470630	1,4-Dichlorobenzene-d4	6.66

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : H5547-01
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Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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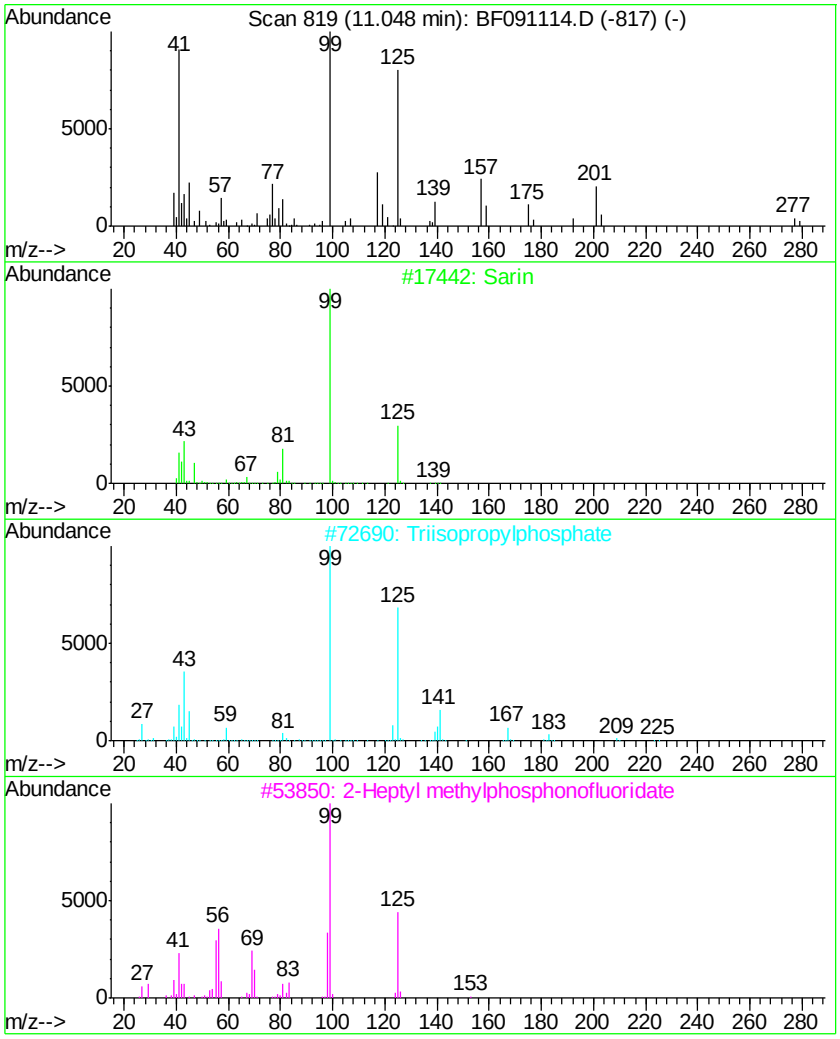
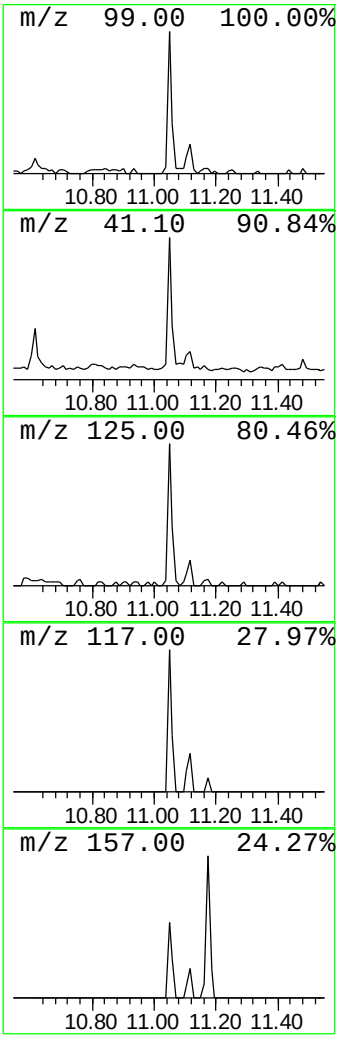
Peak Number 4 unknown11.05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.15 ng	118217	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sarin	140	C4H10FO2P	000107-44-8	38
2	Triisopropylphosphate	224	C9H21O4P	000513-02-0	28
3	2-Heptyl methylphosphonofluoridate	196	C8H18FO2P	000674-95-3	17
4	cis-1,9,12-Trioxadispiro[4.2.4.2...	270	C13H18O6	1000153-27-5	12
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	10





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Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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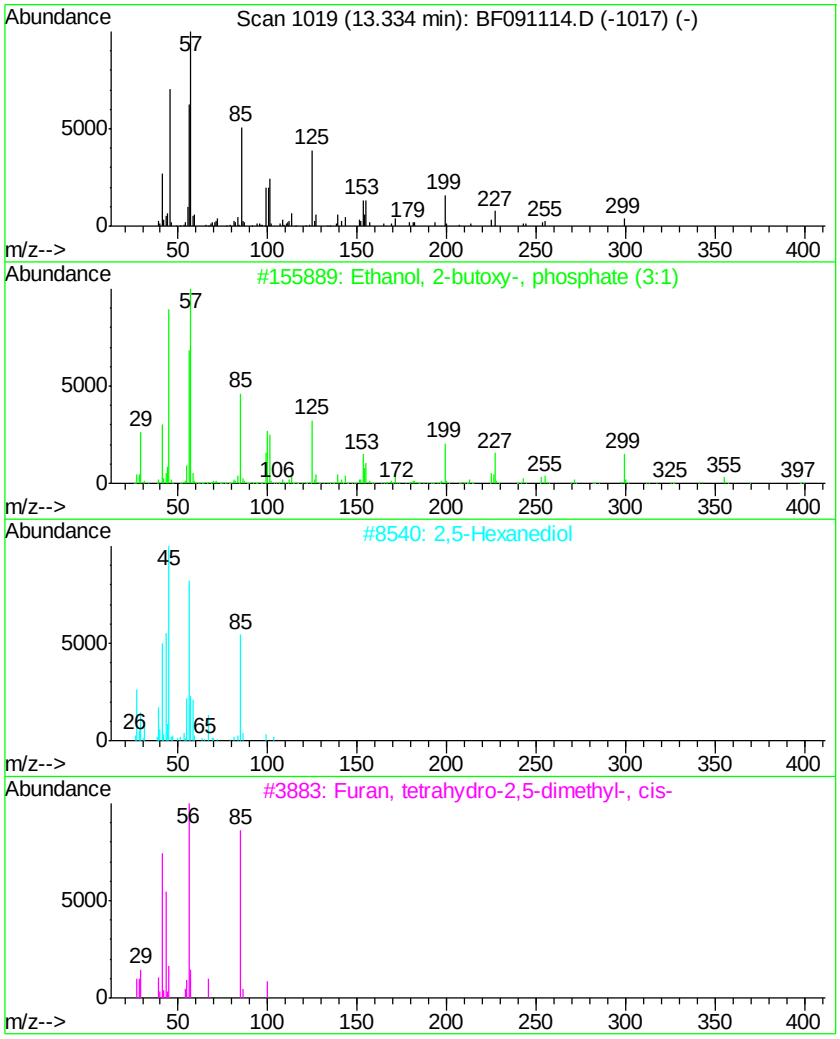
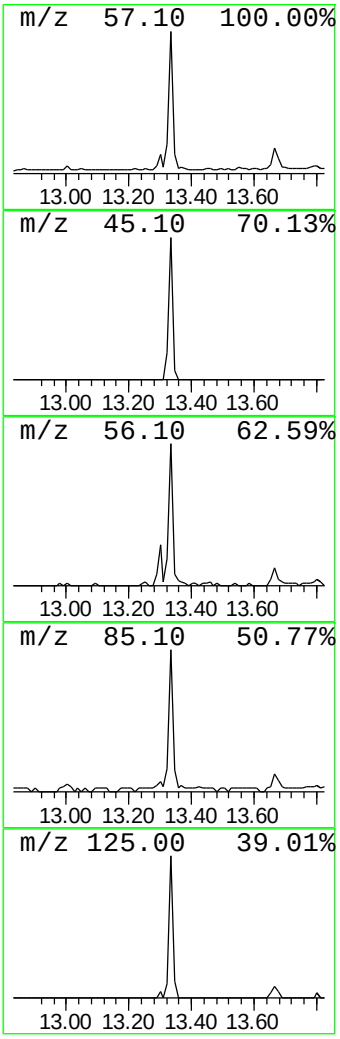
Peak Number 5 Ethanol, 2-butoxy-, phospha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.14 ng	139801	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	64
2	2,5-Hexanediol	118	C6H14O2	002935-44-6	25
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	22
4	Methoxyacetic acid, 4-tridecyl e...	272	C16H32O3	1000282-04-7	16
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	16





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	6.3	ng	304985	1	6.66	971139	20.0
unknown6.43	6.43	71.5	ng	3470630	1	6.66	971139	20.0
unknown11.05	11.05	2.1	ng	118217	4	11.17	1101090	20.0
Ethanol, 2-butoxy...	13.33	3.1	ng	139801	5	13.80	891713	20.0