LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091220.D
Acq On : 17 Nov 2016 18:53
Operator : UM/SJ
Sample : H5674-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

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	1.984	20	26	32	rBV	5150398	29373548	100.00%	32.555%
2	3.310	139	142	152	rVB	165518	356892	1.22%	0.396%
3	4.167	213	217	220	rBV	4352754	7577212	25.80%	8.398%
4	4.739	266	267	274	rBV	274611	422874	1.44%	0.469%
5	5.196	305	307	322	rBV	1531774	2292575	7.80%	2.541%
6	6.270	399	401	409	rBV	1456804	1555477	5.30%	1.724%
7	6.384	409	411	414	rBV	3739111	3771901	12.84%	4.180%
8	6.613	430	431	438	rBV2	773541	1111249	3.78%	1.232%
9	6.773	442	445	448	rBV	3904918	3781769	12.87%	4.191%
10	7.196	479	482	484	rBV	2698288	3298921	11.23%	3.656%
11	7.905	542	544	553	rVB	1548259	1568132	5.34%	1.738%
12	8.990	636	639	641	rBV	5597051	5744046	19.56%	6.366%
13	9.653	695	697	700	rBV	1722007	1801514	6.13%	1.997%
14	10.453	764	767	769	rBV	3185886	3864624	13.16%	4.283%
15	10.911	801	807	809	rBV	4918351	10626299	36.18%	11.777%
16	11.071	818	821	823	rVV	2214979	3272510	11.14%	3.627%
17	11.139	825	827	829	rVV	2065805	1709385	5.82%	1.895%
18	12.728	963	966	969	rBV	5152520	5465952	18.61%	6.058%
19	13.768	1055	1057	1060	rVV	1402484	1402324	4.77%	1.554%
20	13.859	1063	1065	1068	rVB2	196932	307097	1.05%	0.340%
21	15.140	1175	1177	1186	rVV	793559	923323	3.14%	1.023%

Sum of corrected areas: 90227624

LSC Report - Integrated Chromatogram

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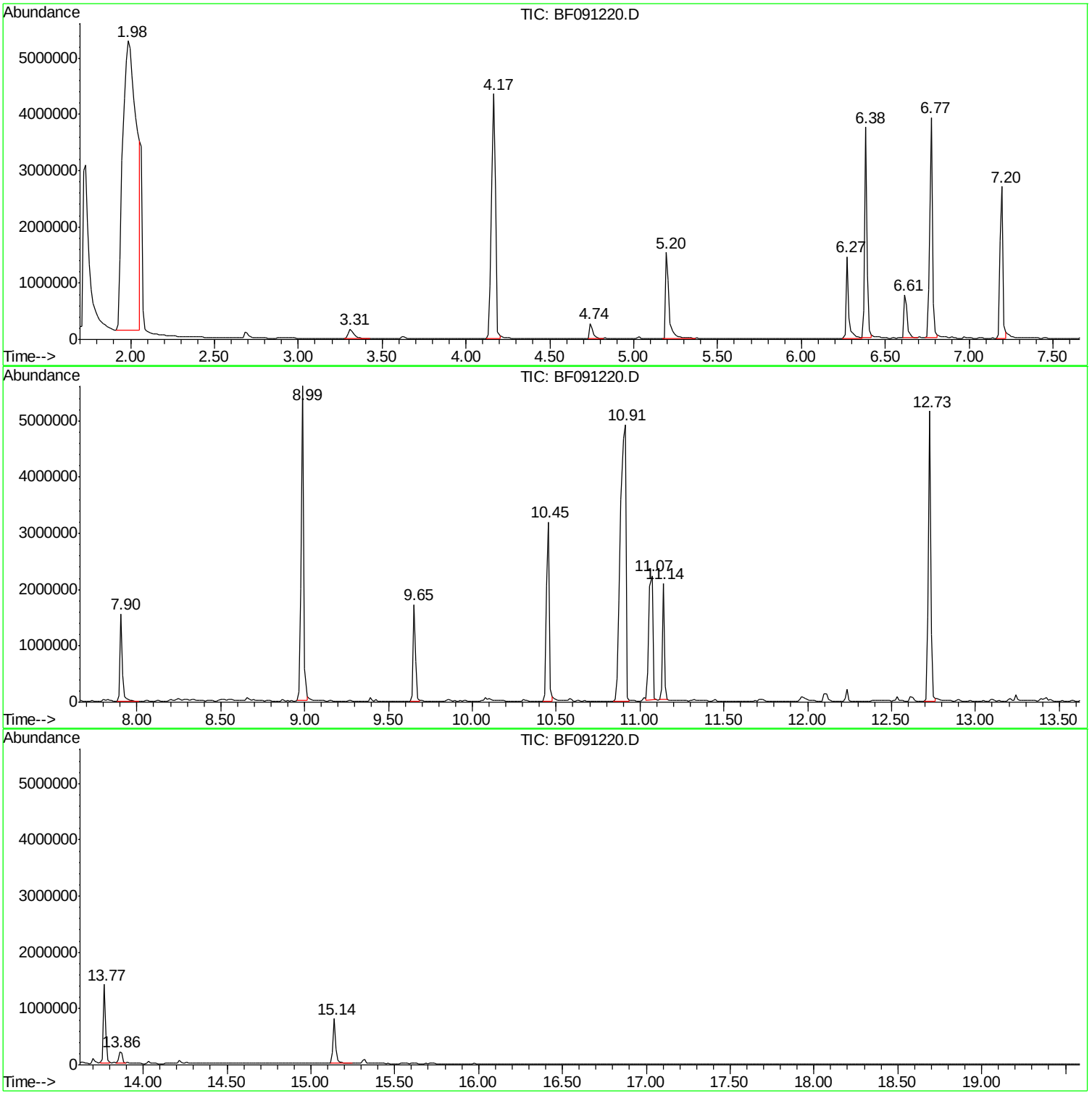
Instrument : BNA_F
ClientSampleId : GROUNDWATER

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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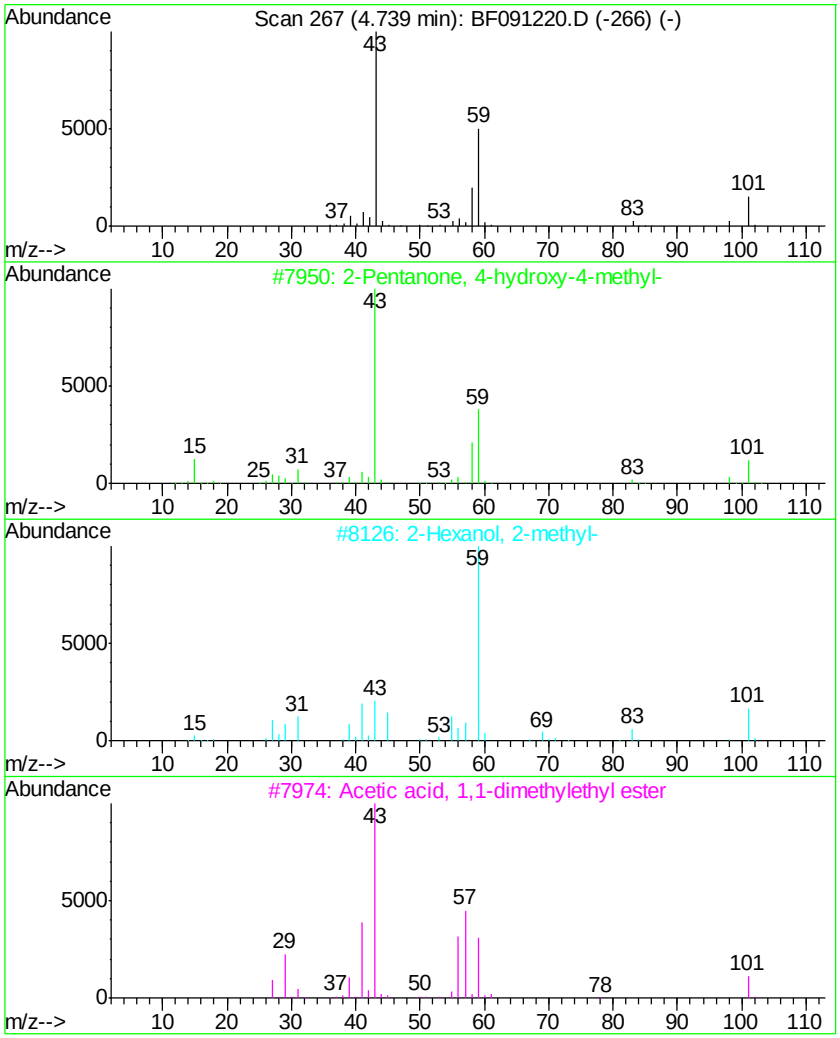
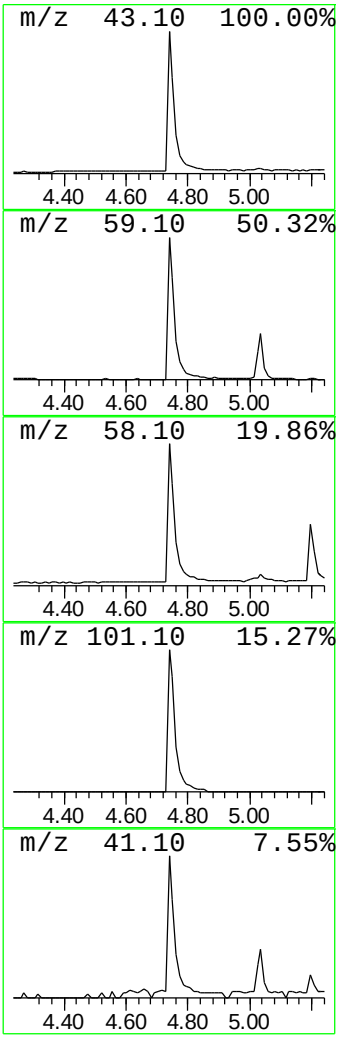
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	7.61 ng	422874	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Library Search Compound Report

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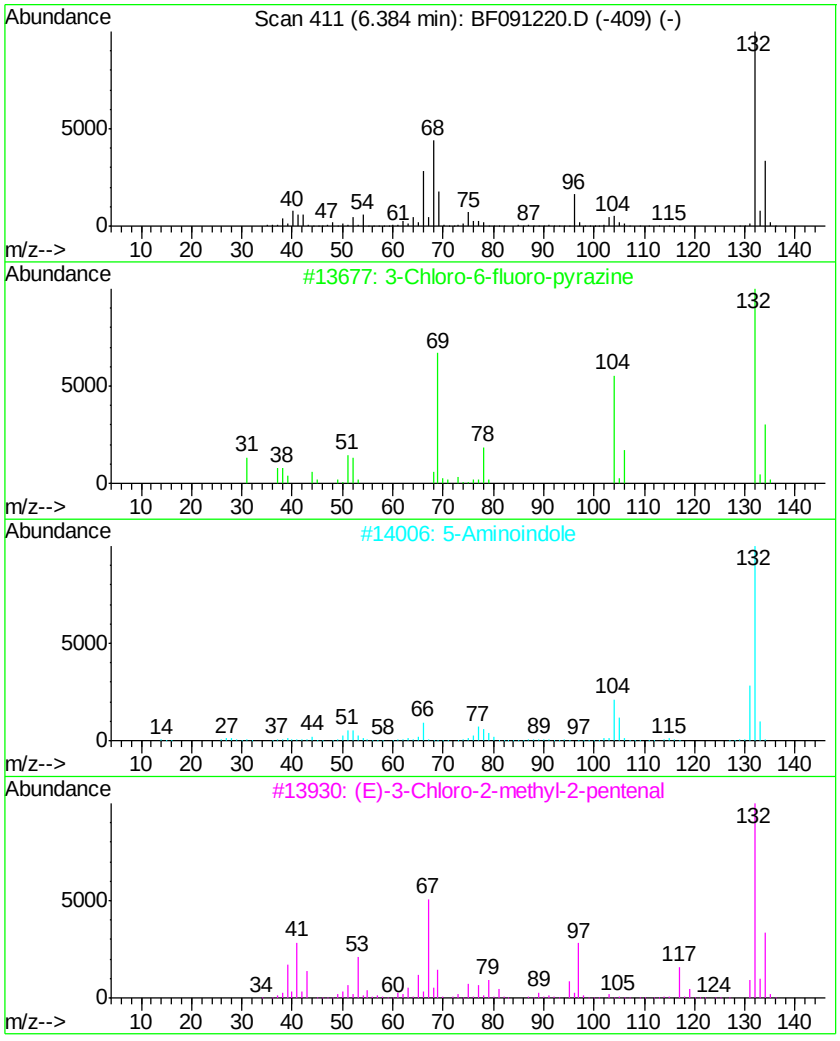
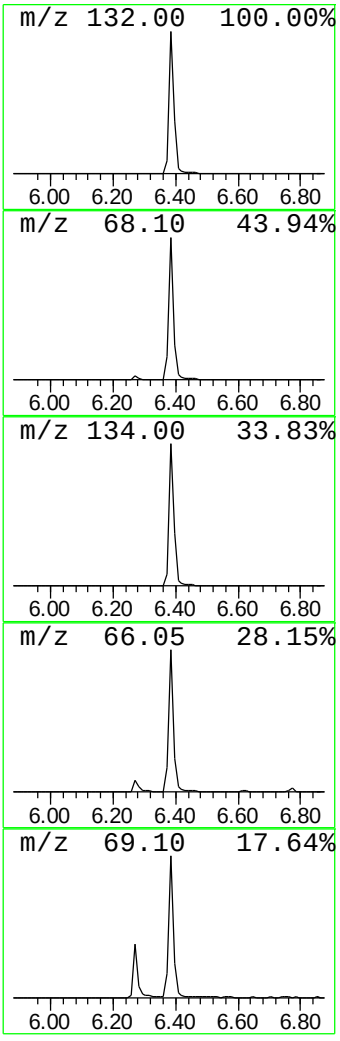
Peak Number 5 unknown6.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	67.89 ng	3771900	1,4-Dichlorobenzene-d4	6.61

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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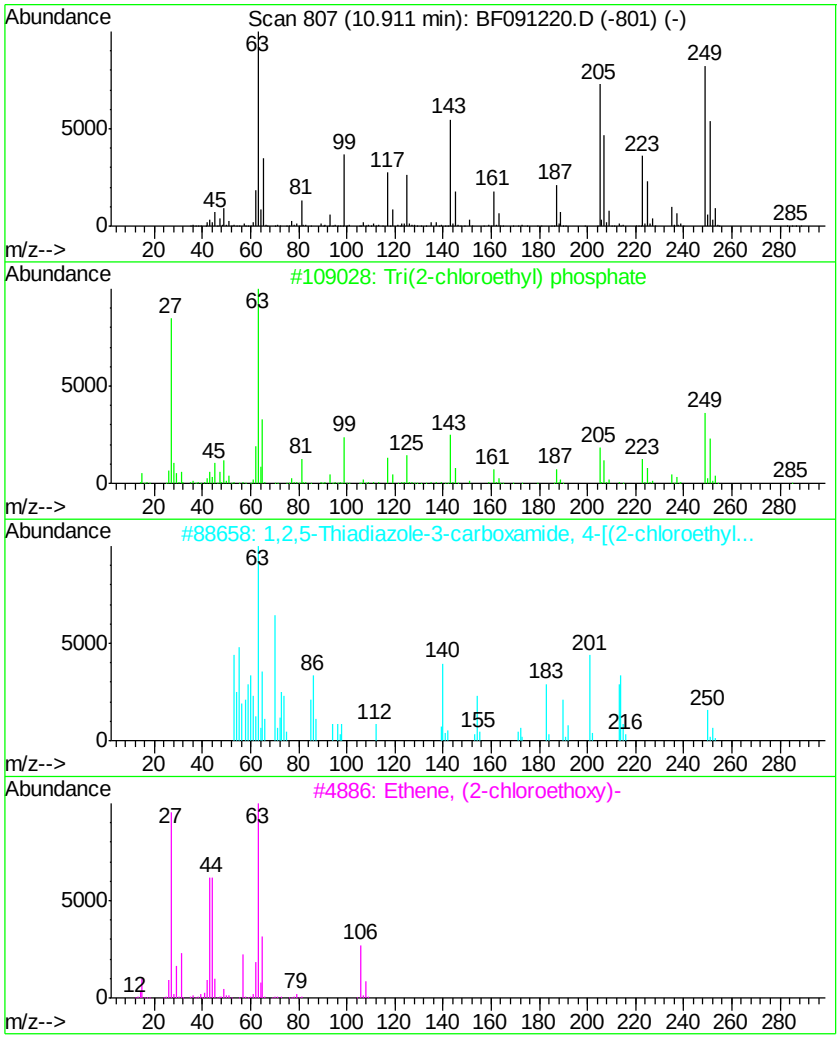
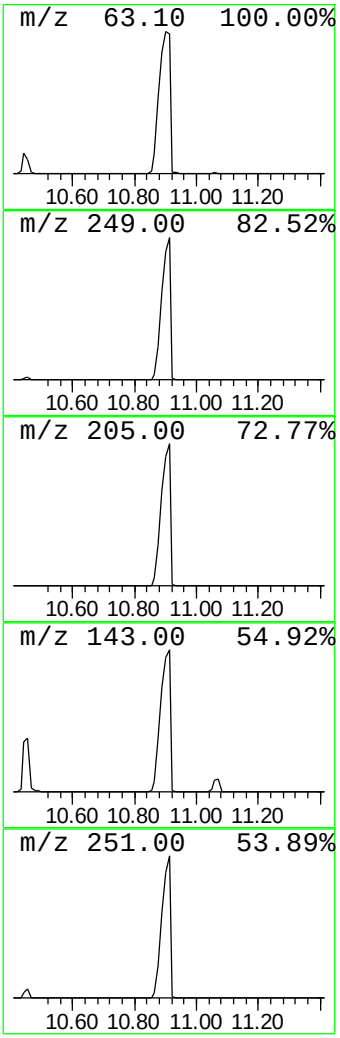
Peak Number 7 Tri(2-chloroethyl) phosphate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	124.33 ng	10626300	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	91
2	1,2,5-Thiadiazole-3-carboxamide,...	250	C7H11ClN4O2S	147194-45-4	46
3	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	43
4	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	43
5	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	37





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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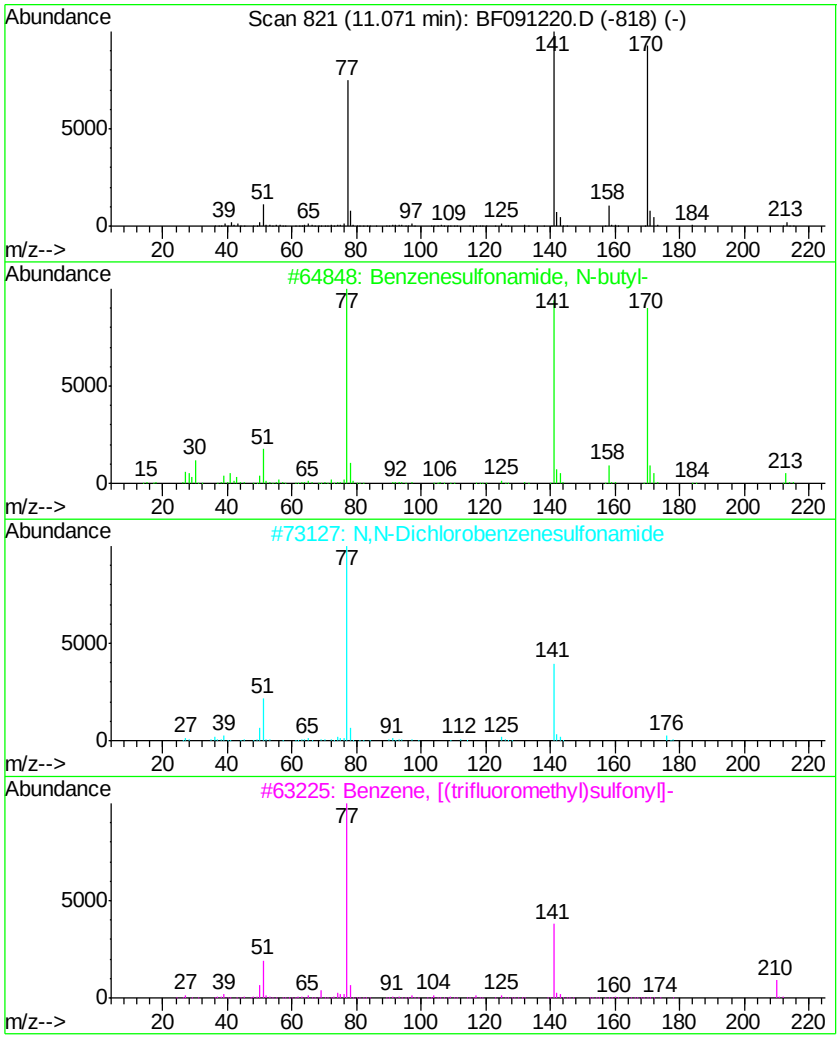
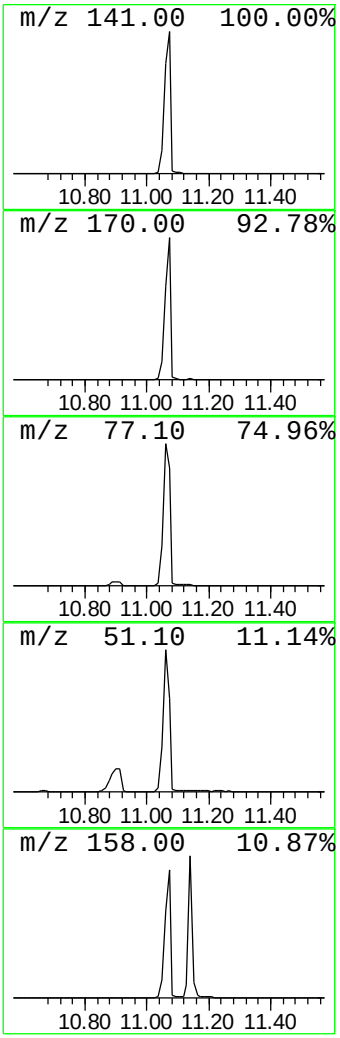
Peak Number 8 unknown11.07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	38.29 ng	3272510	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	43
2	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	38
3	Benzene, [(trifluoromethyl)sulfo...	210	C7H5F3O2S	000426-58-4	38
4	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	38
5	Benzenemethanol, 4-chloro-.alpha...	156	C8H9ClO	003391-10-4	33





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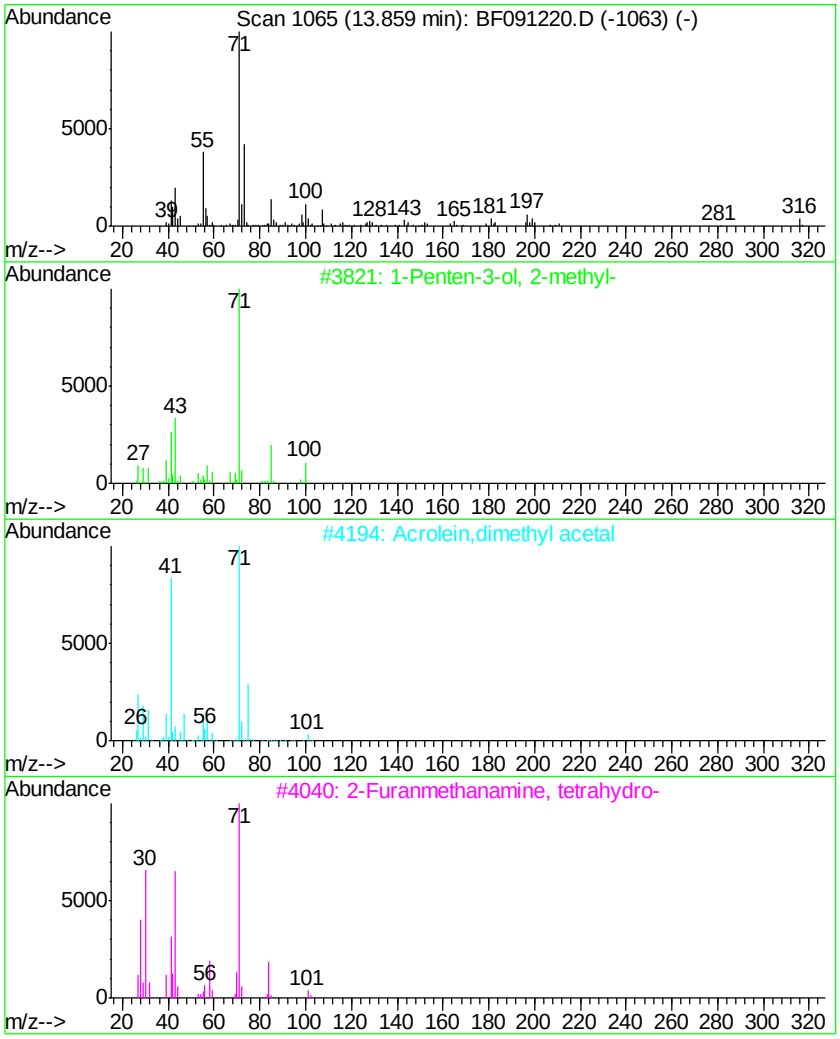
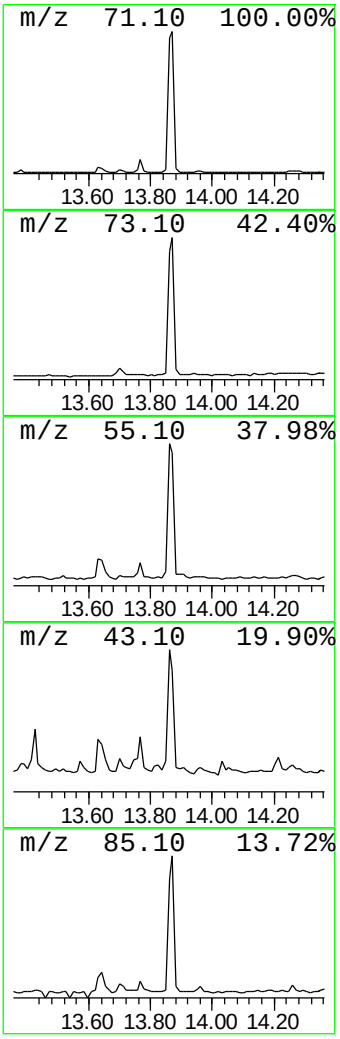
Peak Number 9 unknown13.86 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.38 ng	307097	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	42
2	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	40
3	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	40
4	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	38
5	Ethane-1,1-diol dibutanoate	202	C10H18O4	025572-25-2	38





Tentatively Identified Compound (LSC) summary

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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...	4.74	7.6	ng	422874	1	6.61	1111250	20.0
unknown6.38	6.38	67.9	ng	3771900	1	6.61	1111250	20.0
Tri(2-chloroethyl...	10.91	124.3	ng	10626300	4	11.14	1709390	20.0
unknown11.07	11.07	38.3	ng	3272510	4	11.14	1709390	20.0
unknown13.86	13.86	4.4	ng	307097	5	13.77	1402320	20.0