

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
 Data File : BN002743.D
 Acq On : 18 Sep 2018 01:23
 Operator : JU/SJ
 Sample : J4893-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 02:49:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 18 02:47:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	148711	20.00	ng/ul	0.02
18) Naphthalene-d8	10.43	136	639163	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.28	164	352180	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	721869	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	593476	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	598764	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18935	5.87	ng/uL	0.00
5) Phenol-d5	6.84	99	114288	9.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	283083	36.10	ng/ul	0.01
9) 2-Chlorophenol-d4	7.19	132	315290	30.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	198648	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	188931	38.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	216675	38.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	338047	33.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	14745	1.26	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	1114336	40.42	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	1367867	38.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	30415	6.67	ng/ul	0.01
57) Fluorene-d10	15.28	176	957832	39.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	164690	36.47	ng/ul	0.00
70) Anthracene-d10	17.13	188	1378787	40.01	ng/ul	0.00
78) Pyrene-d10	19.43	212	1318513	42.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1285267	40.78	ng/ul	0.00

Target Compounds

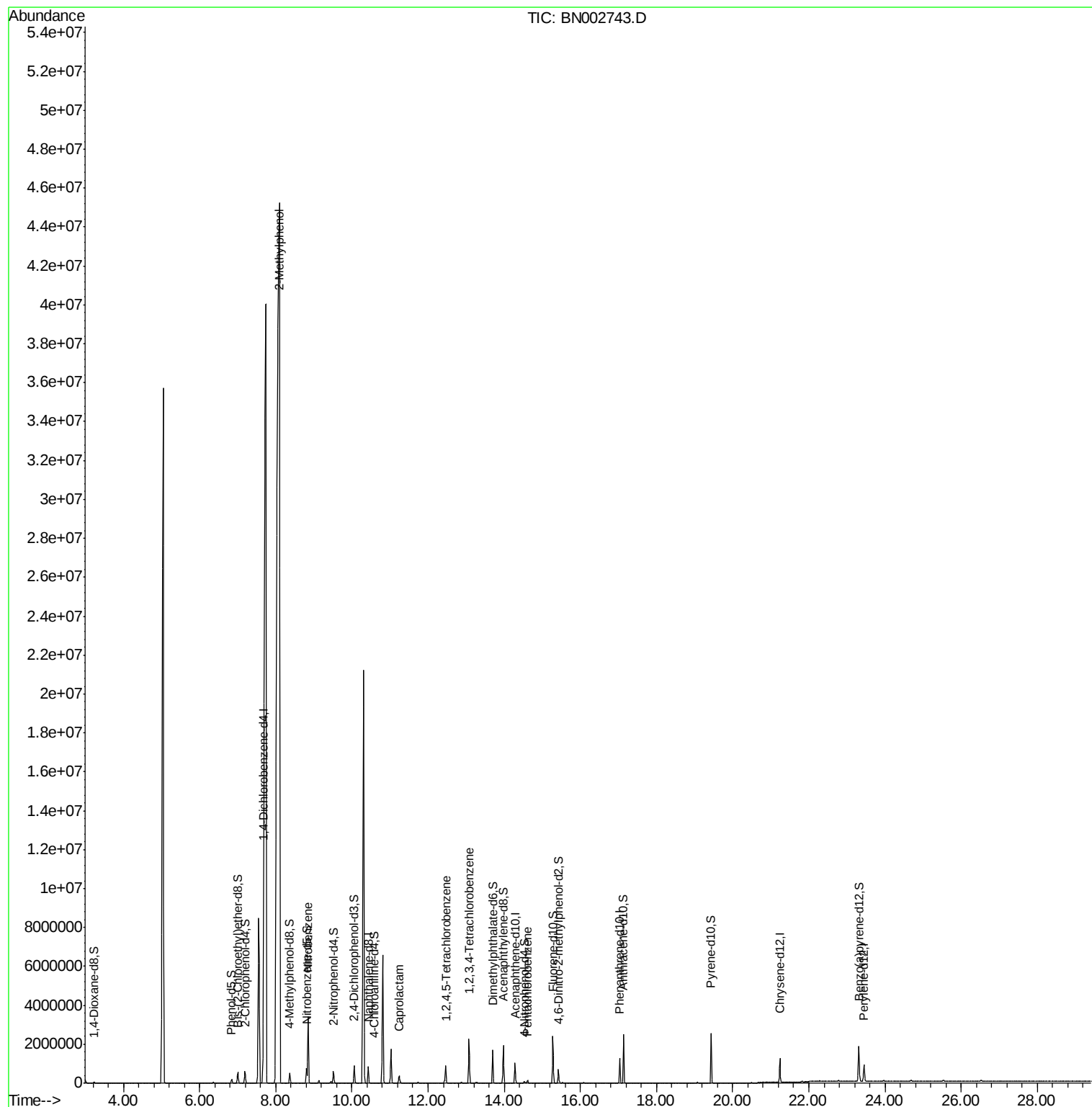
					Ovalue
11) 2-Methylphenol	8.09	108	432221	45.199	ng/ul 98
20) Nitrobenzene	8.85	77	1883181	163.640	ng/ul 98
32) Caprolactam	11.24	113	33073	10.969	ng/ul# 1
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	319951	27.348	ng/ul 98
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	715448	58.014	ng/uL 99
73) Pentachlorobenzene	14.61	250	32871	2.985	ng/uL 96

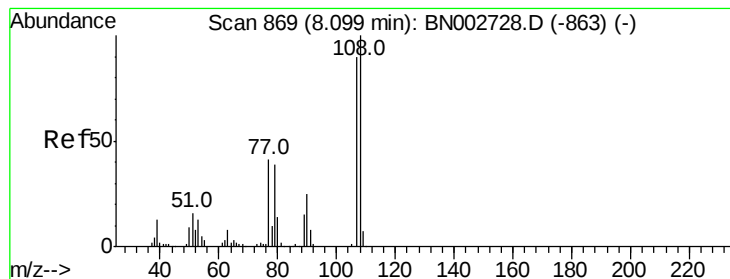
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 45.199 ng/ul

RT: 8.09 min Scan# 868

Delta R.T. -0.01 min

Lab File: BN002743.D

Acq: 18 Sep 2018 01:23

Instrument :

BNA_N

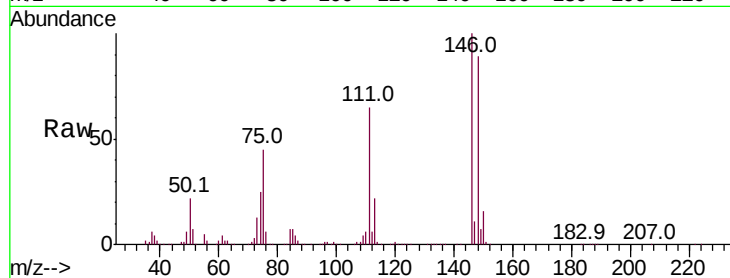
ClientSampled :

Tot Ion:108 Resp: 432221

Ion Ratio Lower Upper

108 100

107 91.5 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.09

100000

80000

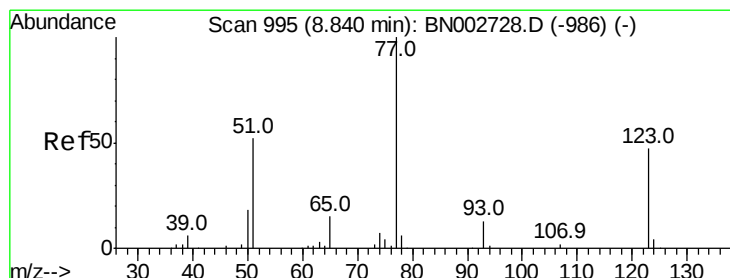
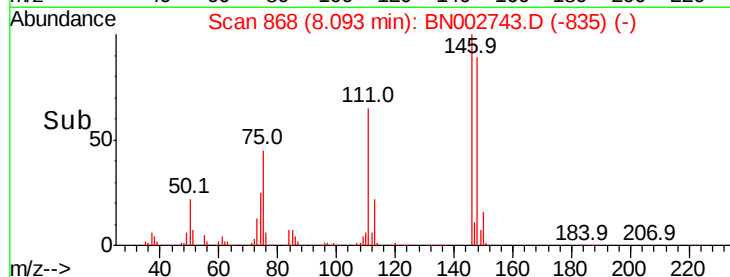
60000

40000

20000

0

Time-->



#20

Nitrobenzene

Concen: 163.640 ng/ul

RT: 8.85 min Scan# 997

Delta R.T. 0.01 min

Lab File: BN002743.D

Acq: 18 Sep 2018 01:23

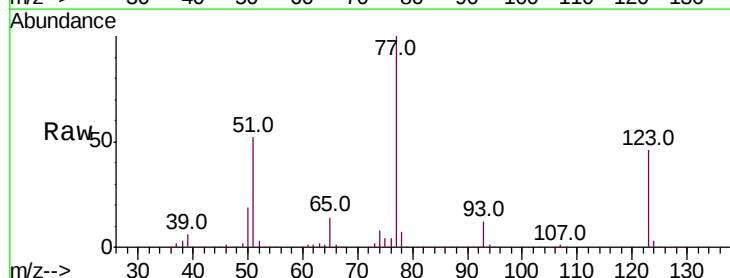
Tgt Ion: 77 Resp: 1883181

Ion Ratio Lower Upper

77 100

123 46.4 35.8 53.8

65 13.8 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

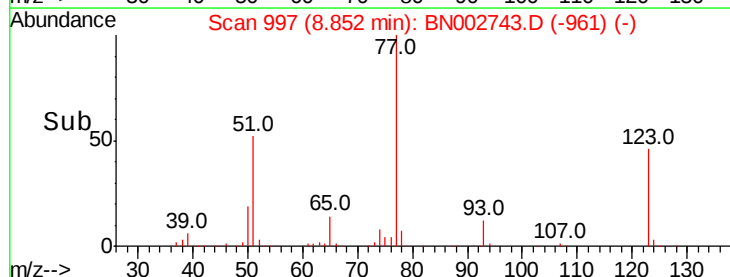
1500000

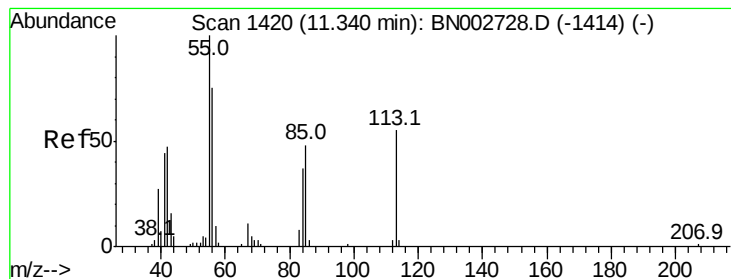
1000000

500000

0

Time-->





#32

Caprolactam

Concen: 10.969 ng/ul

RT: 11.24 min Scan# 1403

Delta R.T. -0.10 min

Lab File: BN002743.D

Acq: 18 Sep 2018 01:23

Instrument :

BNA_N

ClientSampleId :

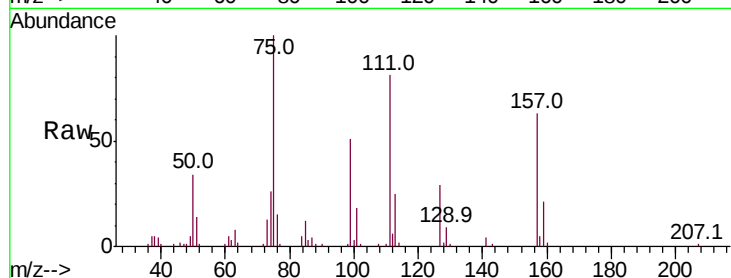
Tot Ion:113 Resp: 33073

Ion Ratio Lower Upper

113 100

55 0.0 137.0 205.4#

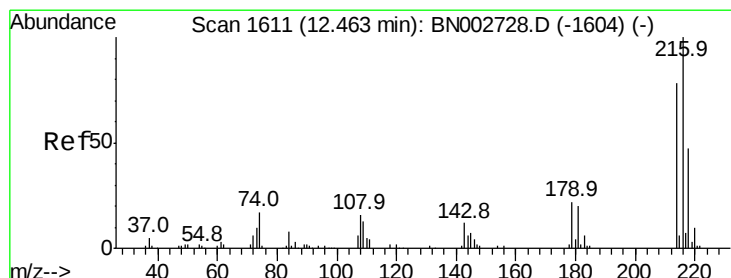
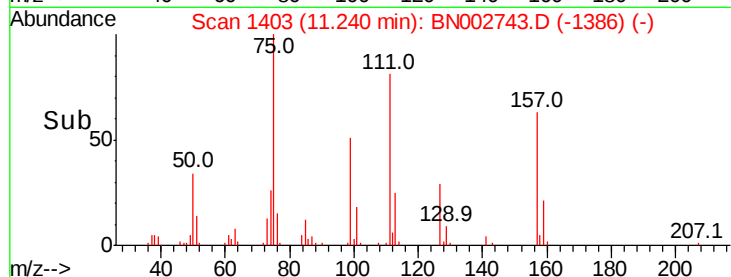
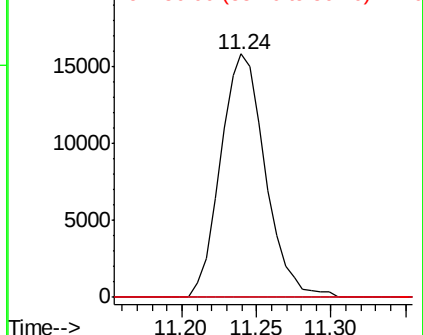
56 0.0 102.4 153.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

1,2,4,5-Tetrachlorobenzene

Concen: 27.348 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN002743.D

Acq: 18 Sep 2018 01:23

Tgt Ion:216 Resp: 319951

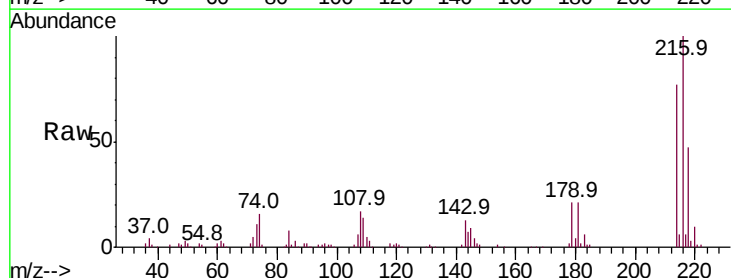
Ion Ratio Lower Upper

216 100

214 77.1 63.5 95.3

179 21.0 16.5 24.7

108 16.8 13.4 20.2

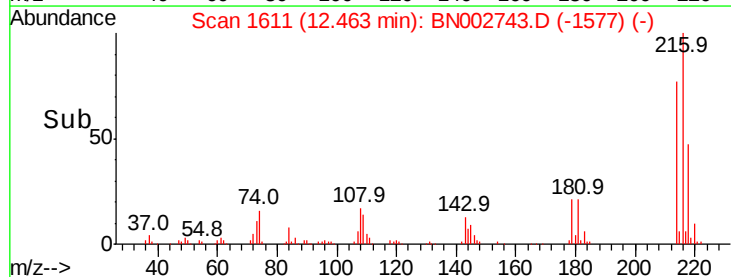
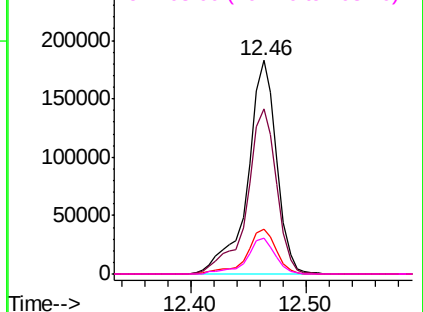


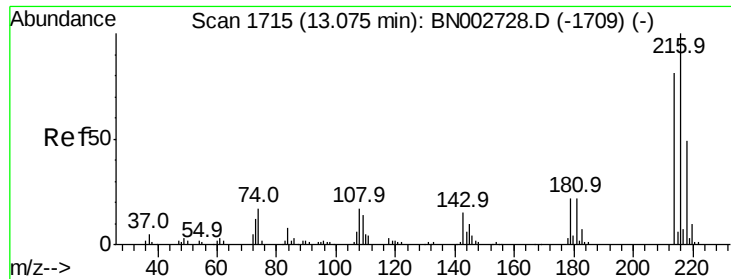
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 58.014 ng/uL

RT: 13.08 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BN002743.D

Acq: 18 Sep 2018 01:23

Instrument :

BNA_N

ClientSampleId :

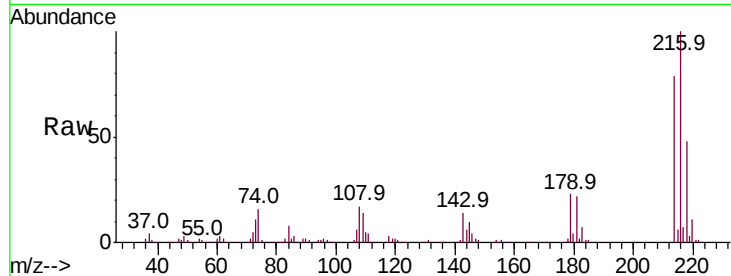
Tot Ion:216 Resp: 715448

Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

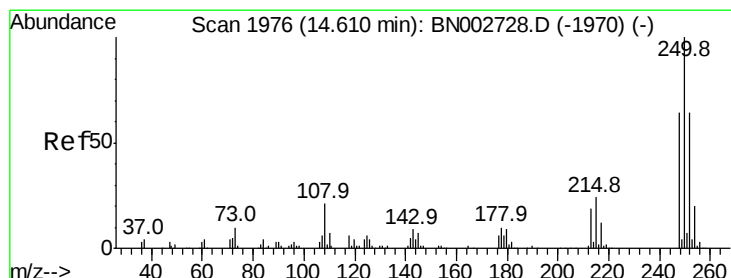
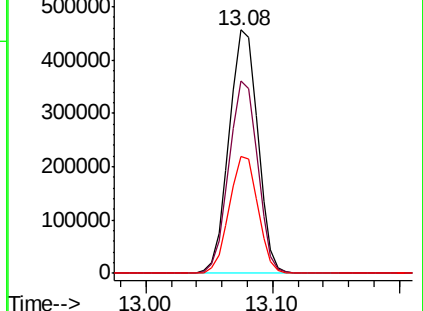
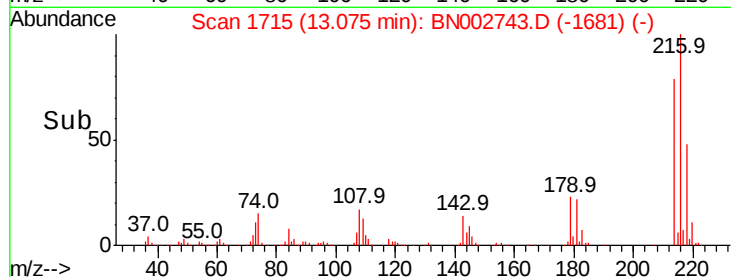
218 48.0 37.8 56.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 2.985 ng/uL

RT: 14.61 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN002743.D

Acq: 18 Sep 2018 01:23

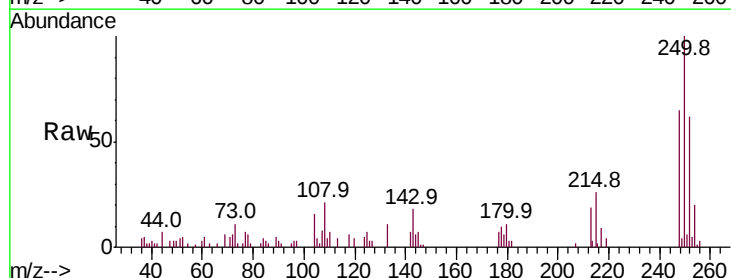
Tgt Ion:250 Resp: 32871

Ion Ratio Lower Upper

250 100

248 64.7 49.1 73.7

252 66.8 51.0 76.4



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

