

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
 Data File : BN002759.D
 Acq On : 18 Sep 2018 19:10
 Operator : JU/SJ
 Sample : J4893-05DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 02:09:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 01:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	154721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	640034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	332664	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	665324	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	629321	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	657982	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2288	0.68	ng/uL	0.00
5) Phenol-d5	6.84	99	45534	3.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	144153	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	151671	14.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	89423	8.79	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	89121	17.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	101205	18.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	161828	15.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	9867	0.84	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	508944	19.54	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	646318	19.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	5039	1.17	ng/ul	0.04
57) Fluorene-d10	15.28	176	438274	19.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	55860	13.42	ng/ul	0.00
70) Anthracene-d10	17.13	188	634718	19.98	ng/ul	0.00
78) Pyrene-d10	19.43	212	647776	19.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	702633	20.29	ng/ul	0.00

Target Compounds

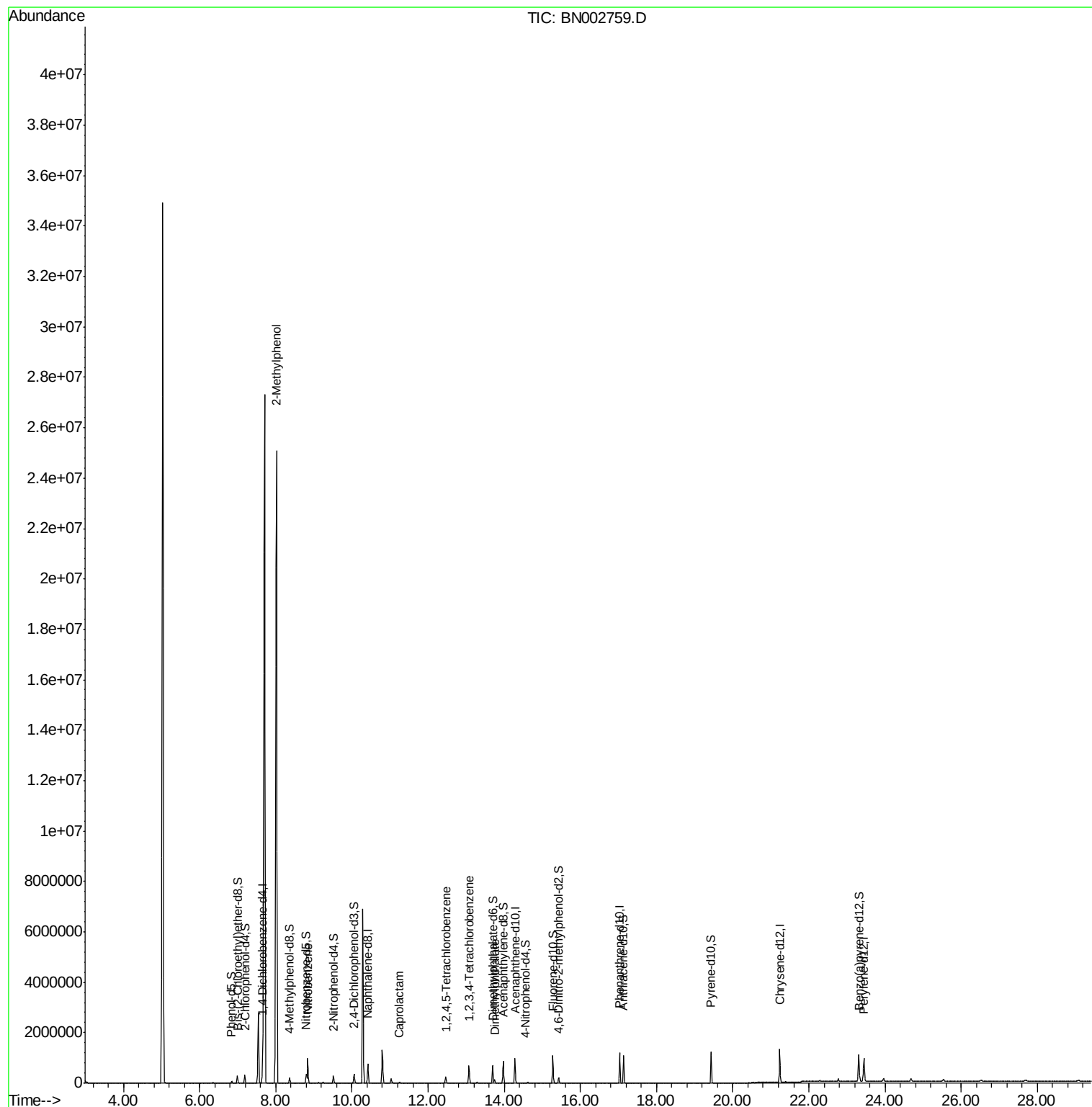
					Ovalue
11) 2-Methylphenol	8.02	108	97347	9.784	ng/ul 94
20) Nitrobenzene	8.84	77	549293	47.666	ng/ul 98
32) Caprolactam	11.25	113	3906	1.294	ng/ul# 1
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	90891	8.225	ng/ul 97
44) Dimethylphthalate	13.75	163	89026	3.503	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	211563	18.613	ng/uL 98

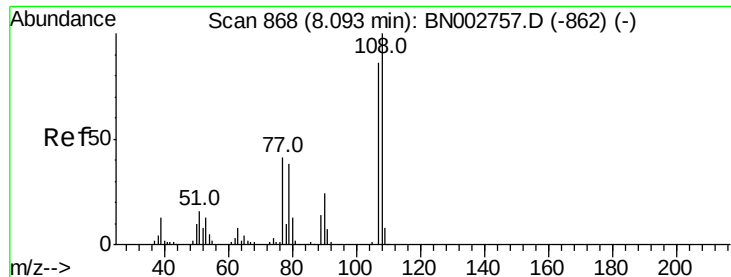
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 9.784 ng/ul

RT: 8.02 min Scan# 856

Delta R.T. -0.07 min

Lab File: BN002759.D

Acq: 18 Sep 2018 19:10

Instrument :

BNA_N

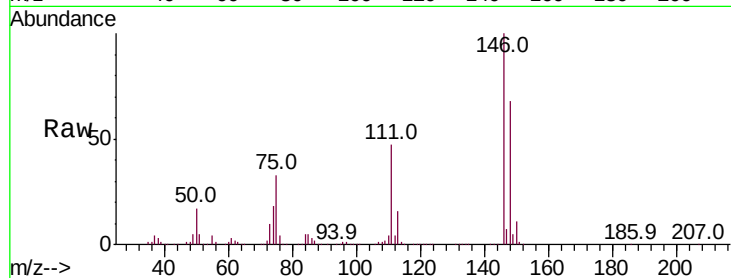
ClientSampleId :

Tot Ion:108 Resp: 97347

Ion Ratio Lower Upper

108 100

107 84.0 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.02

50000

40000

30000

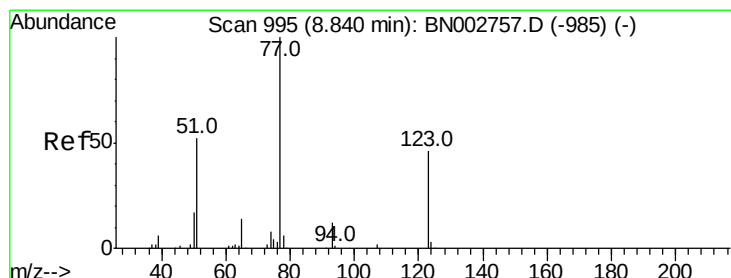
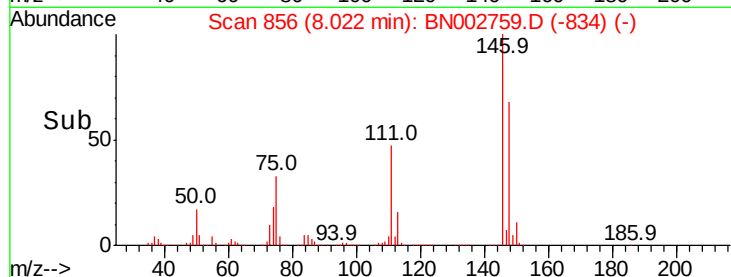
20000

10000

0

7.95 8.00 8.05

Time-->



#20

Nitrobenzene

Concen: 47.666 ng/ul

RT: 8.84 min Scan# 995

Delta R.T. 0.00 min

Lab File: BN002759.D

Acq: 18 Sep 2018 19:10

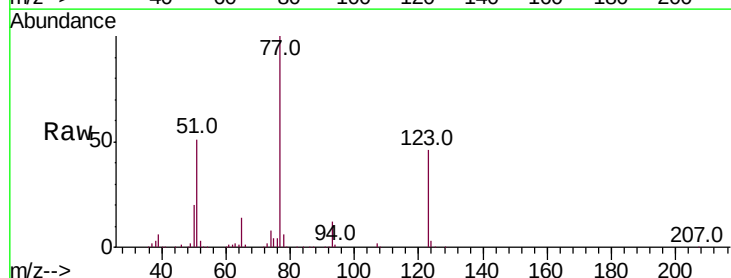
Tgt Ion: 77 Resp: 549293

Ion Ratio Lower Upper

77 100

123 46.4 35.8 53.8

65 13.7 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

8.84

400000

300000

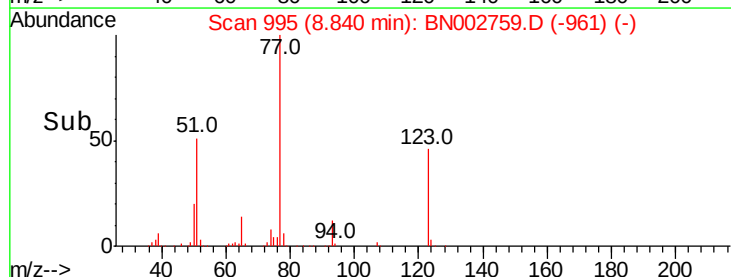
200000

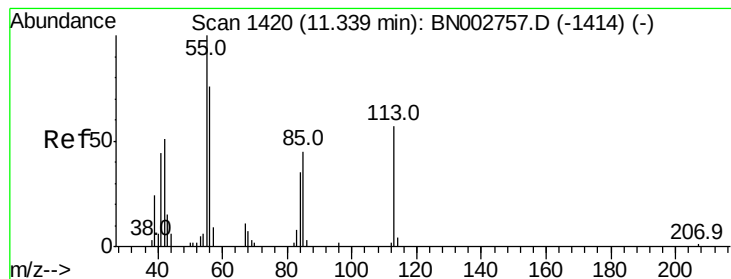
100000

0

8.70 8.80 8.90 9.00

Time-->





#32

Caprolactam

Concen: 1.294 ng/ul

RT: 11.25 min Scan# 1404

Delta R.T. -0.09 min

Lab File: BN002759.D

Acq: 18 Sep 2018 19:10

Instrument :

BNA_N

ClientSampled :

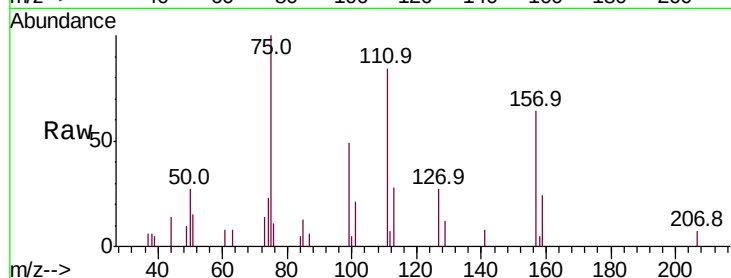
Tot Ion:113 Resp: 3906

Ion Ratio Lower Upper

113 100

55 0.0 137.0 205.4#

56 0.0 102.4 153.6#

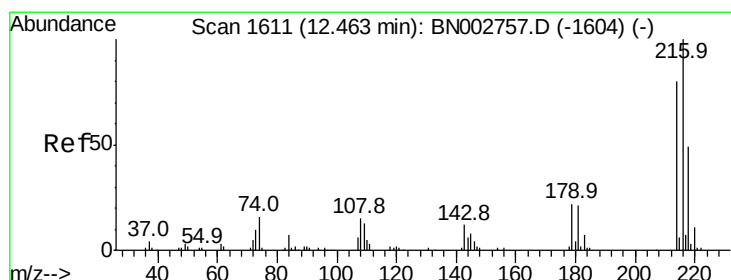
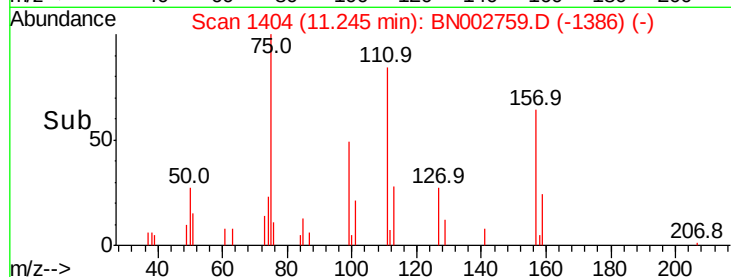
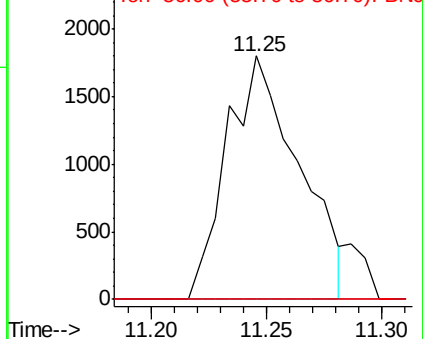


Abundance

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: 8.225 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN002759.D

Acq: 18 Sep 2018 19:10

Tgt Ion:216 Resp: 90891

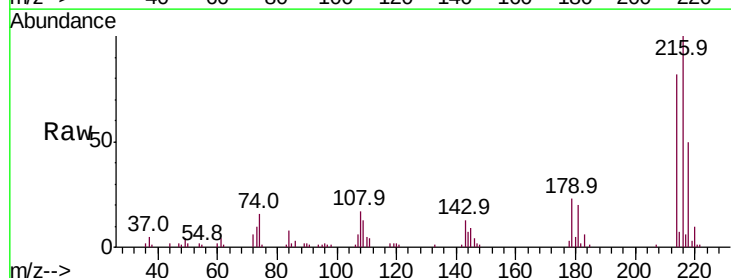
Ion Ratio Lower Upper

216 100

214 82.3 63.5 95.3

179 22.9 16.5 24.7

108 17.2 13.4 20.2



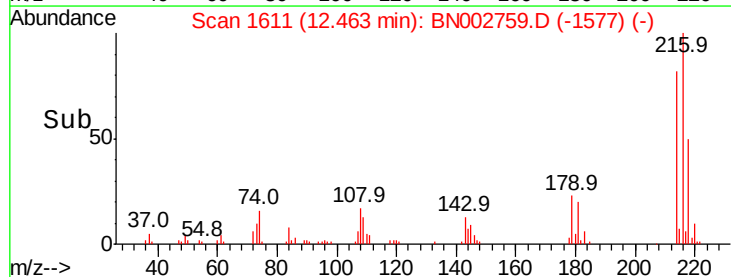
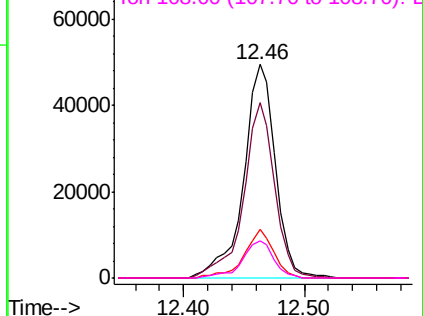
Abundance

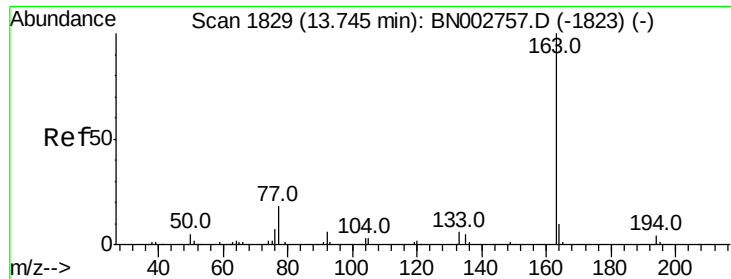
Ion 216.00 (215.70 to 216.70): E

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





#44

Dimethylphthalate

Concen: 3.503 ng/uL

RT: 13.75 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BN002759.D

Acq: 18 Sep 2018 19:10

Instrument :

BNA_N

ClientSampleId :

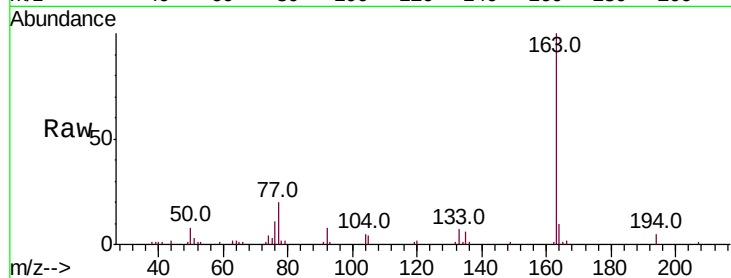
Tot Ion:163 Resp: 89026

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

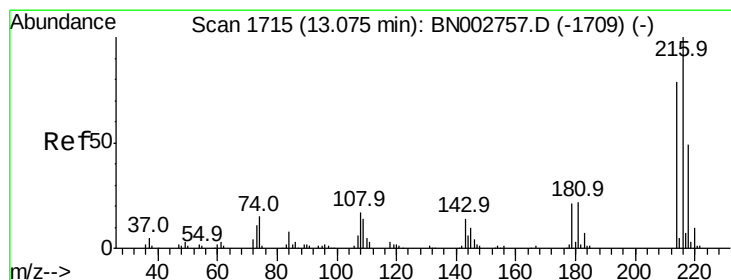
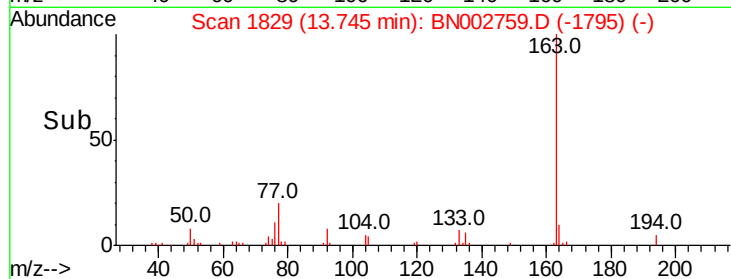
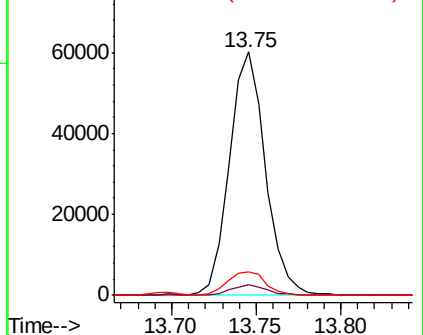
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 18.613 ng/uL

RT: 13.07 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BN002759.D

Acq: 18 Sep 2018 19:10

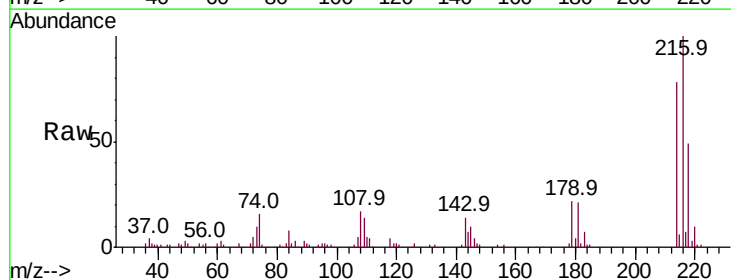
Tgt Ion:216 Resp: 211563

Ion Ratio Lower Upper

216 100

214 77.7 62.9 94.3

218 48.8 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

