

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092218\
 Data File : BN002828.D
 Acq On : 21 Sep 2018 21:04
 Operator : JU/SJ
 Sample : J4874-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 21 23:49:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 21 23:48:47 2018
 Response via : Initial Calibration

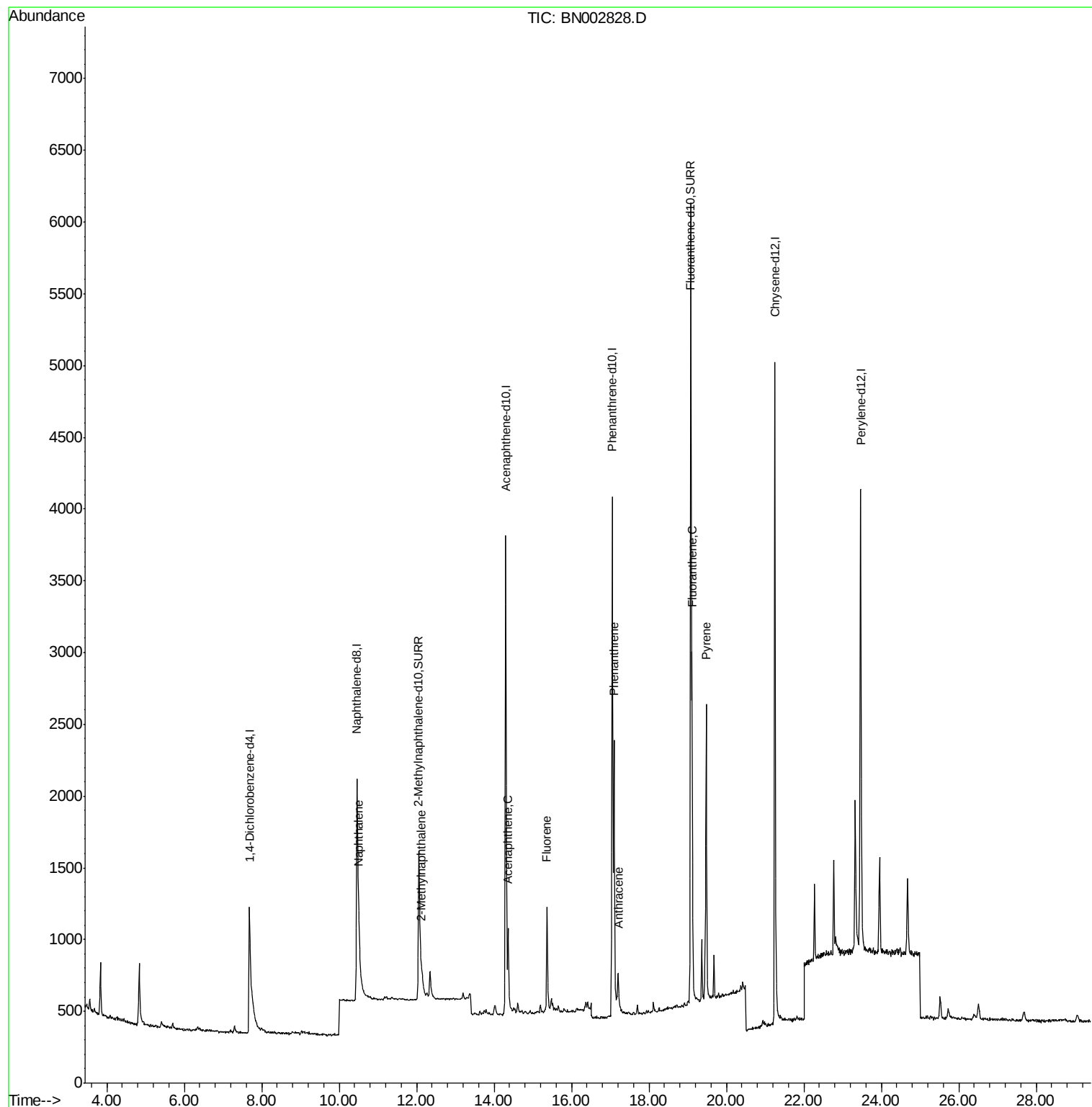
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	877	0.40	ng/ul	0.02
2) Naphthalene-d8	10.46	136	4587	0.40	ng/ul	0.03
6) Acenaphthene-d10	14.30	164	2582	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	5384	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4958	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	4697	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	2939	0.44	ng/ul	0.02
14) Fluoranthene-d10	19.08	212	6994	0.50	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.51	128	267	0.023	ng/ul#	8
5) 2-Methylnaphthalene	12.13	142	153	0.020	ng/ul	94
8) Acenaphthene	14.36	153	392	0.044	ng/ul#	93
9) Fluorene	15.37	166	613	0.065	ng/ul#	92
12) Phenanthrene	17.09	178	2455	0.165	ng/ul#	90
13) Anthracene	17.20	178	441	0.034	ng/ul#	63
15) Fluoranthene	19.11	202	2267	0.142	ng/ul	90
17) Pyrene	19.48	202	1978	0.122	ng/ul#	91

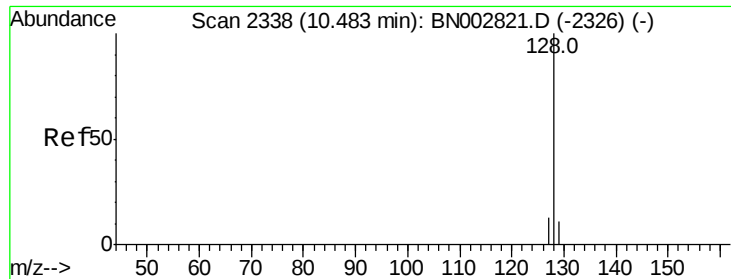
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.51 min Scan# 2343

Delta R.T. 0.03 min

Lab File: BN002828.D

Acq: 21 Sep 2018 21:04

Instrument :

BNA_N

ClientSampled :

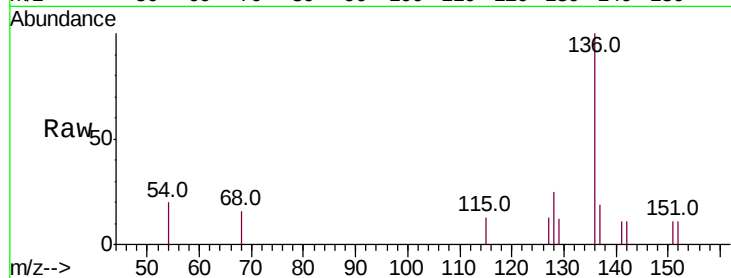
Tot Ion:128 Resp: 267

Ion Ratio Lower Upper

128 100

129 47.7 8.0 12.0#

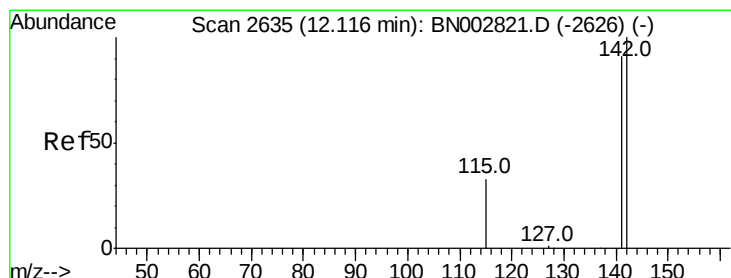
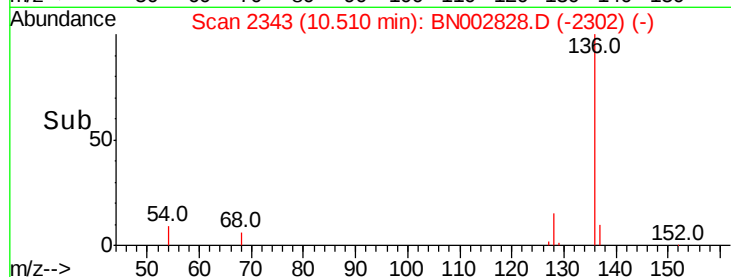
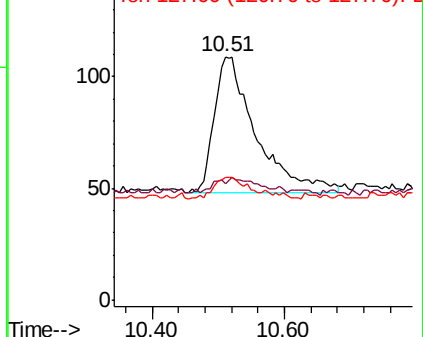
127 50.5 12.0 18.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.13 min Scan# 2638

Delta R.T. 0.02 min

Lab File: BN002828.D

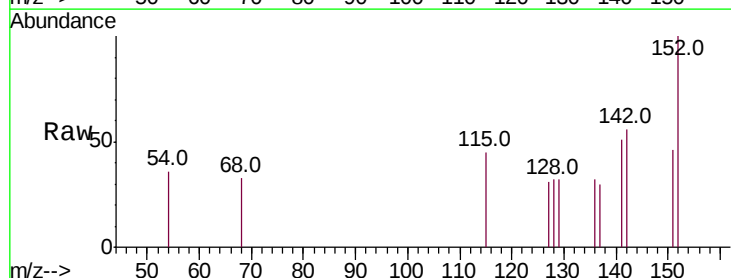
Acq: 21 Sep 2018 21:04

Tgt Ion:142 Resp: 153

Ion Ratio Lower Upper

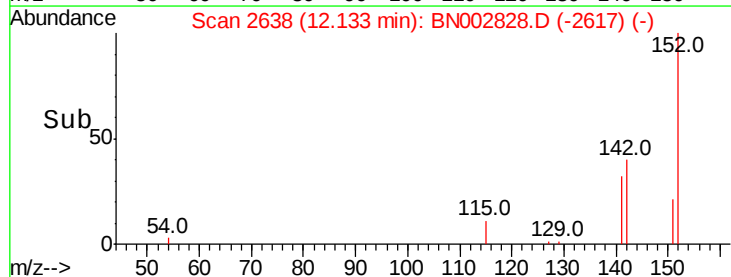
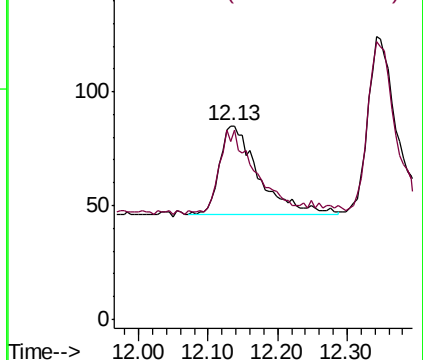
142 100

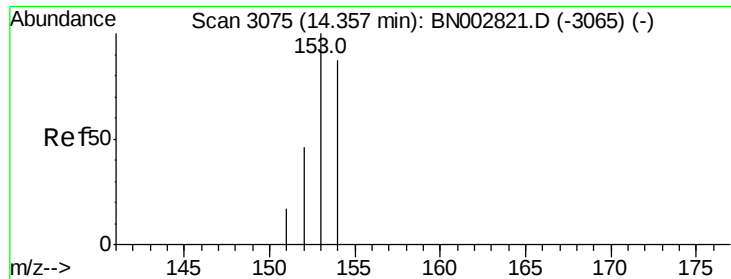
141 85.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.044 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN002828.D

Acq: 21 Sep 2018 21:04

Instrument :

BNA_N

ClientSampleId :

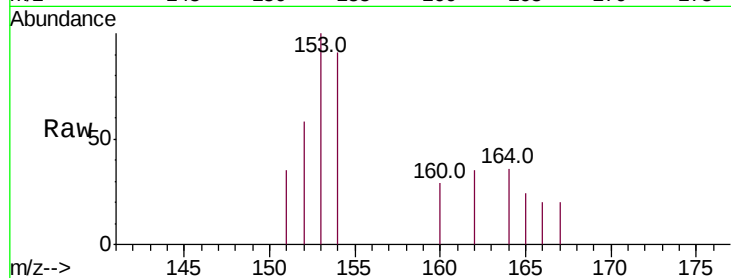
Tot Ion:153 Resp: 392

Ion Ratio Lower Upper

153 100

152 57.9 36.0 54.0#

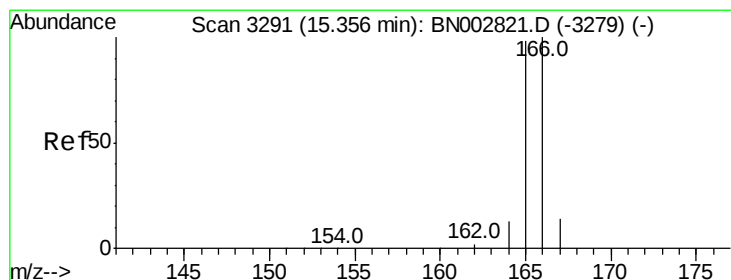
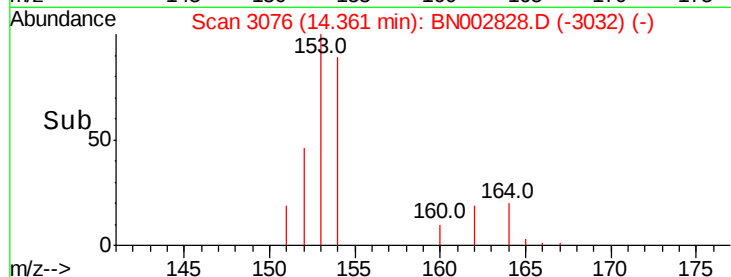
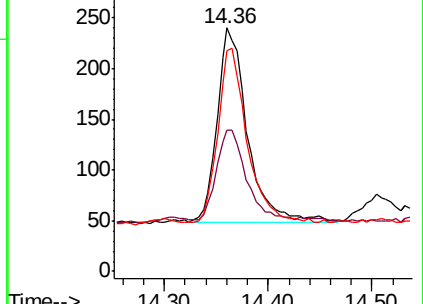
154 90.8 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.37 min Scan# 3294

Delta R.T. 0.01 min

Lab File: BN002828.D

Acq: 21 Sep 2018 21:04

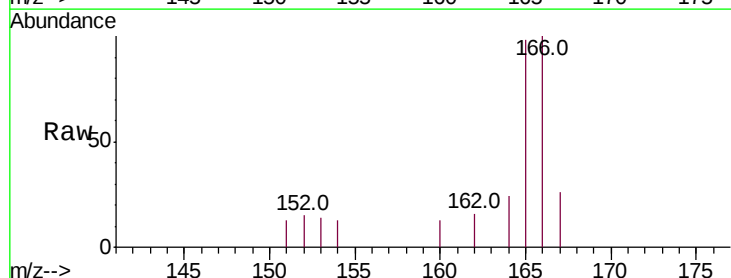
Tgt Ion:166 Resp: 613

Ion Ratio Lower Upper

166 100

165 97.8 73.4 110.2

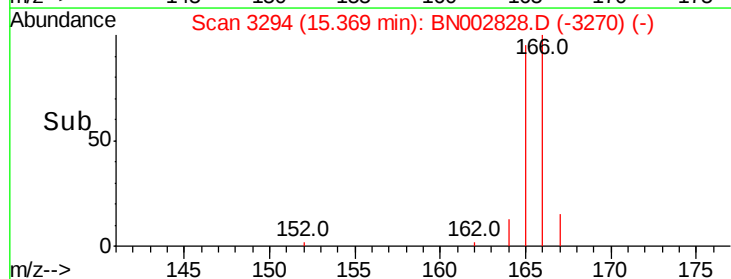
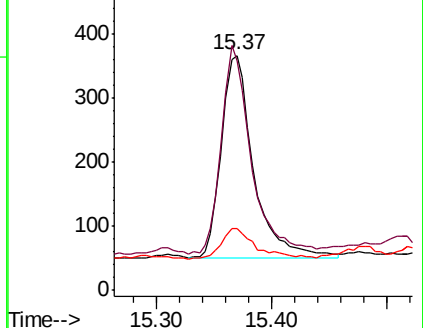
167 26.2 14.6 22.0#

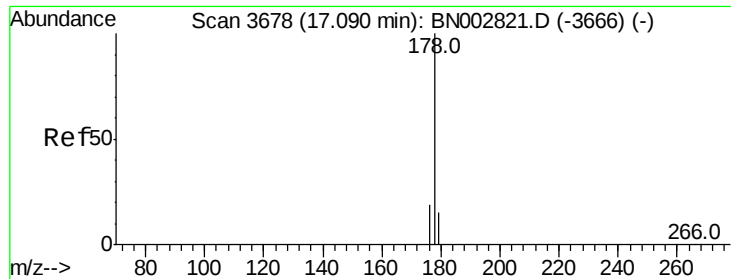


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.165 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN002828.D

Acq: 21 Sep 2018 21:04

Instrument :

BNA_N

ClientSampleId :

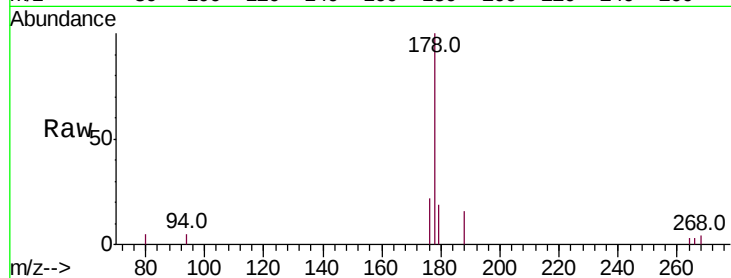
Tot Ion:178 Resp: 2455

Ion Ratio Lower Upper

178 100

179 18.8 18.4 27.6

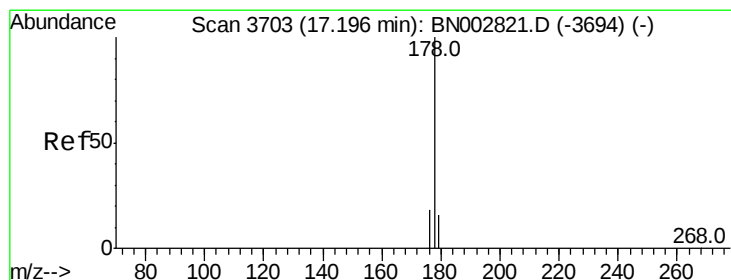
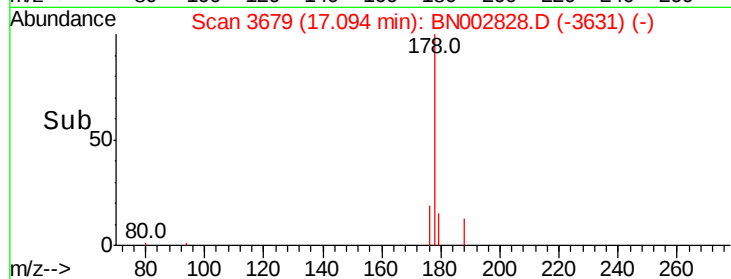
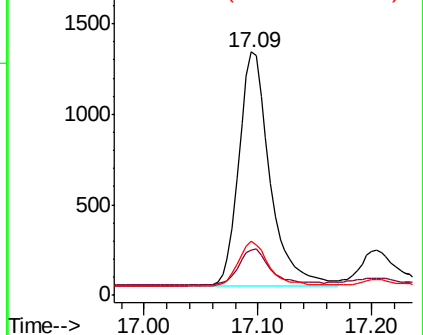
176 22.3 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.034 ng/ul

RT: 17.20 min Scan# 3705

Delta R.T. 0.01 min

Lab File: BN002828.D

Acq: 21 Sep 2018 21:04

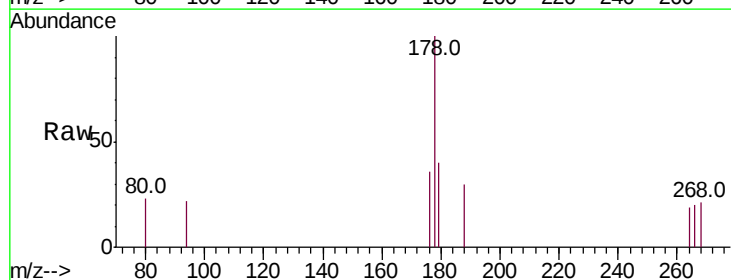
Tgt Ion:178 Resp: 441

Ion Ratio Lower Upper

178 100

179 39.5 18.1 27.1#

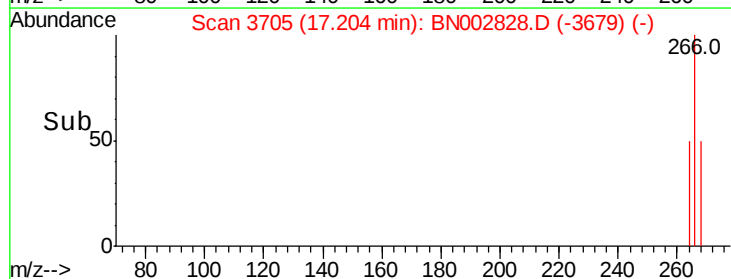
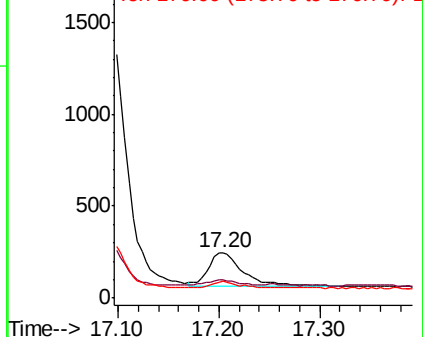
176 36.3 14.7 22.1#

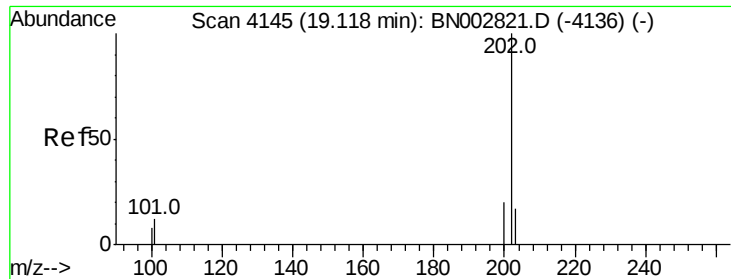


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.142 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.01 min

Lab File: BN002828.D

Acq: 21 Sep 2018 21:04

Instrument :

BNA_N

ClientSampleId :

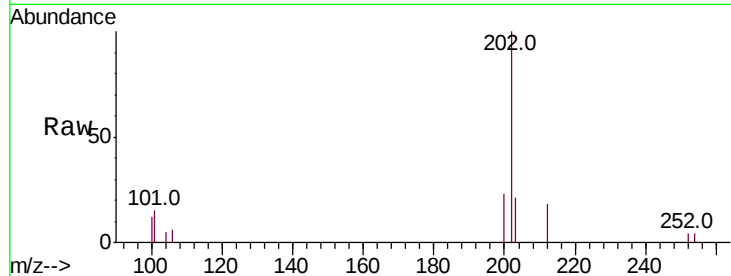
Tot Ion:202 Resp: 2267

Ion Ratio Lower Upper

202 100

101 15.4 0.0 30.0

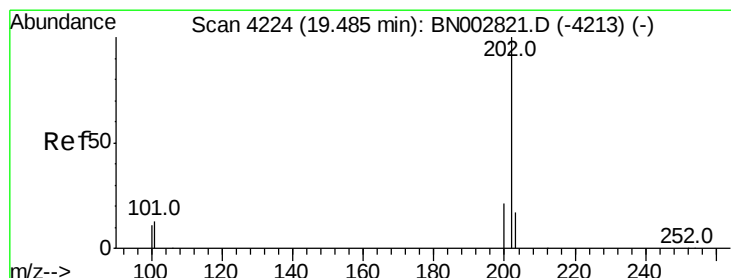
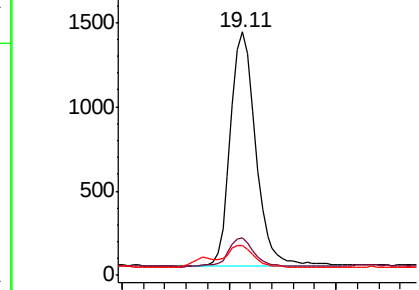
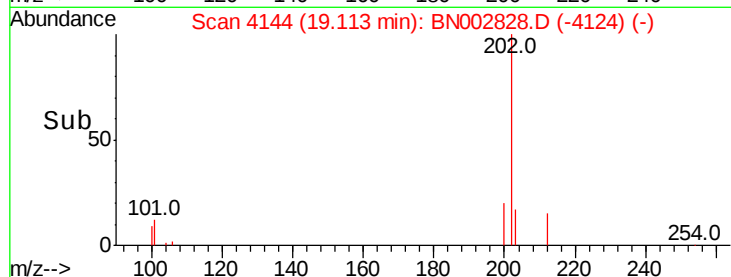
100 12.3 0.0 30.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.122 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.01 min

Lab File: BN002828.D

Acq: 21 Sep 2018 21:04

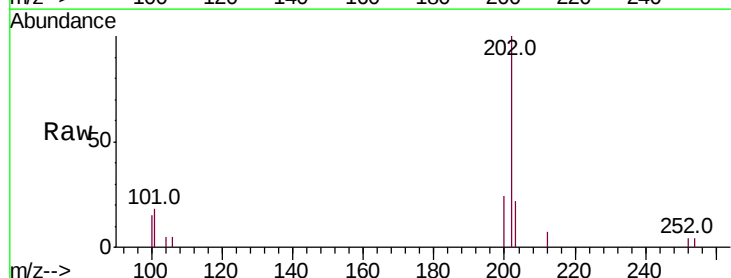
Tgt Ion:202 Resp: 1978

Ion Ratio Lower Upper

202 100

101 17.8 12.0 18.0

100 14.6 8.0 12.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

