

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008112.D
 Acq On : 12 Oct 2019 14:45
 Operator : JU
 Sample : K5178-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:40:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

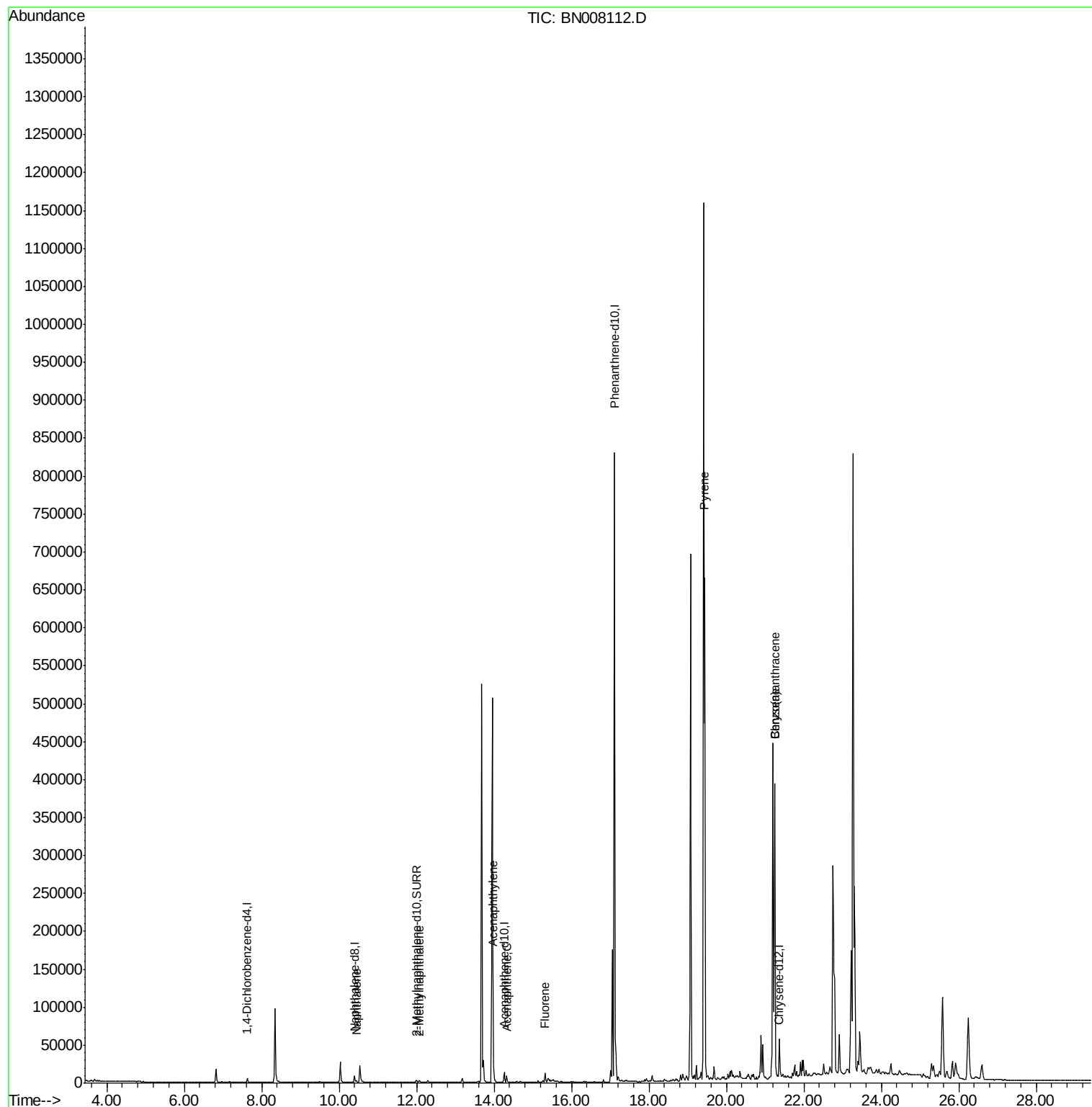
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2434	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11869	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	912671	0.40	ng/ul	0.09
16) Chrysene-d12	21.34	240	208	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4130	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	404	0.00	ng/ul	0.09
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	3719	0.110	ng/ul#	95
5) 2-Methylnaphthalene	12.07	142	1917	0.083	ng/ul	99
7) Acenaphthylene	13.98	152	23874	0.648	ng/ul	99
8) Acenaphthene	14.32	153	5139	0.179	ng/ul	98
9) Fluorene	15.31	166	8131	0.250	ng/ul	97
17) Pyrene	19.44	202	562538	679.237	ng/ul	100
18) Benzo(a)anthracene	21.25	228	386590	511.214	ng/ul	95
19) Chrysene	21.25	228	383366	413.093	ng/ul	98

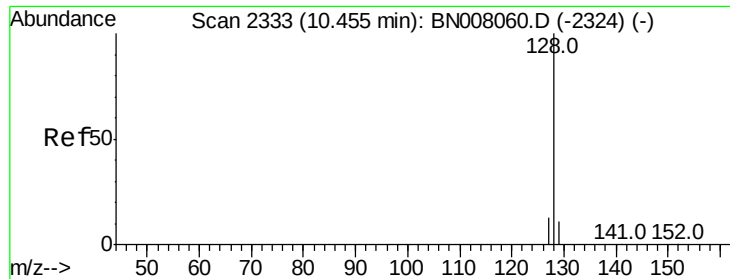
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.110 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008112.D

Acq: 12 Oct 2019 14:45

Instrument :

BNA_N

ClientSampleId :

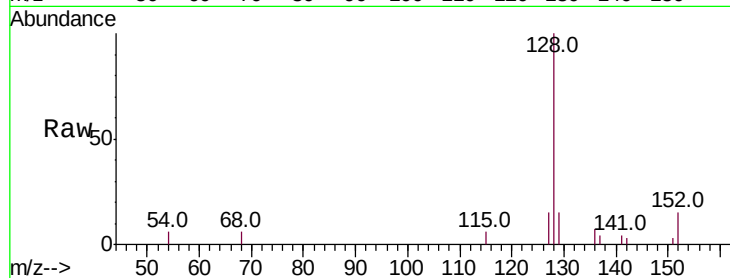
Tot Ion:128 Resp: 3719

Ion Ratio Lower Upper

128 100

129 15.0 9.8 14.8#

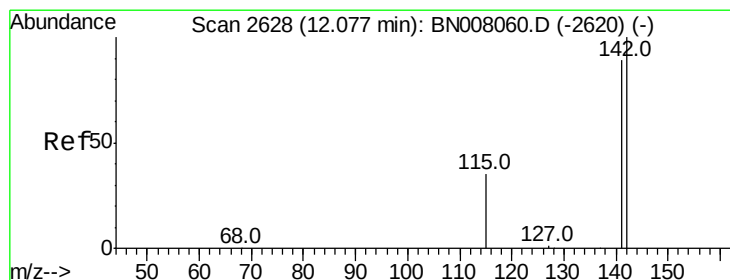
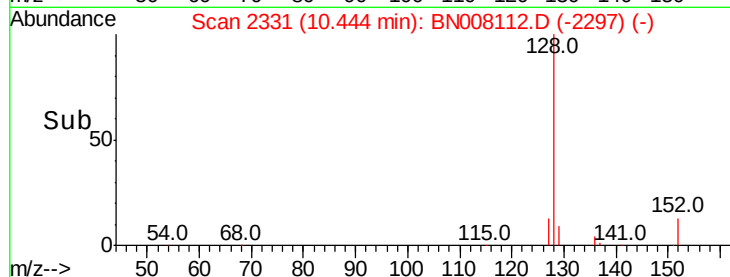
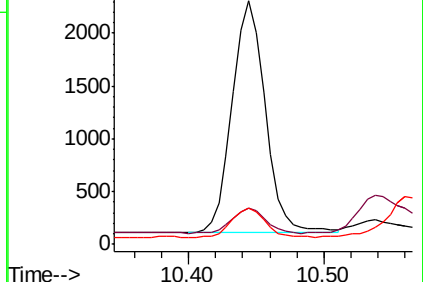
127 15.1 11.1 16.7



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: 0.083 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008112.D

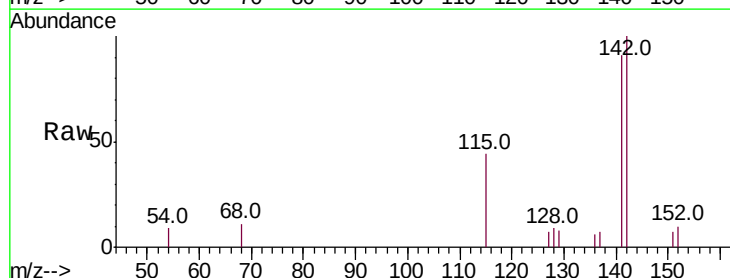
Acq: 12 Oct 2019 14:45

Tgt Ion:142 Resp: 1917

Ion Ratio Lower Upper

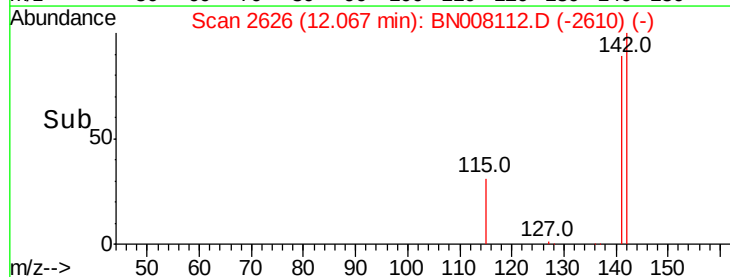
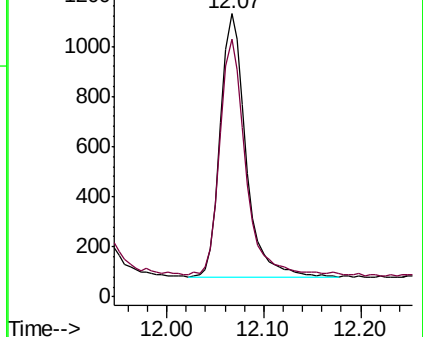
142 100

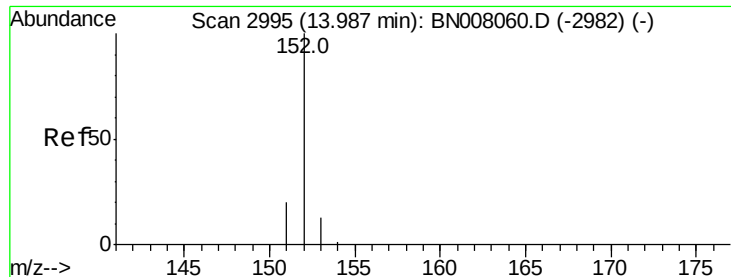
141 88.3 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.648 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008112.D

Acq: 12 Oct 2019 14:45

Instrument :

BNA_N

ClientSampleId :

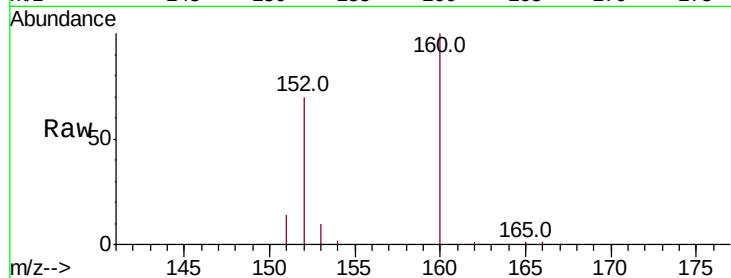
Tot Ion:152 Resp: 23874

Ion Ratio Lower Upper

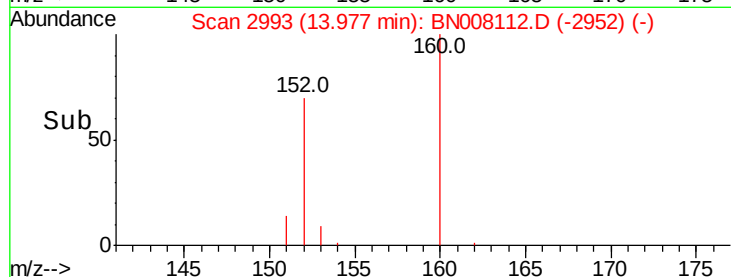
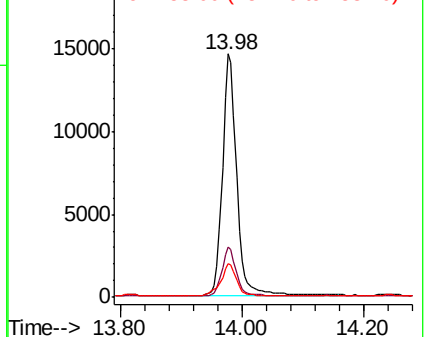
152 100

151 20.7 16.2 24.4

153 14.0 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.179 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008112.D

Acq: 12 Oct 2019 14:45

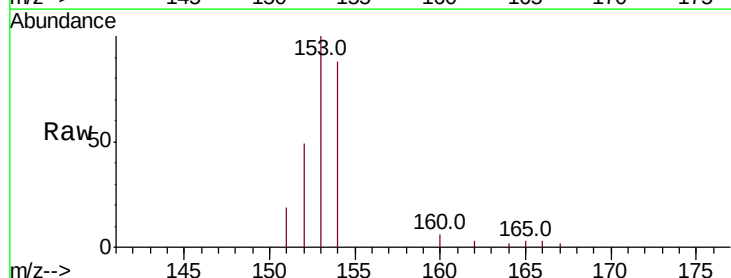
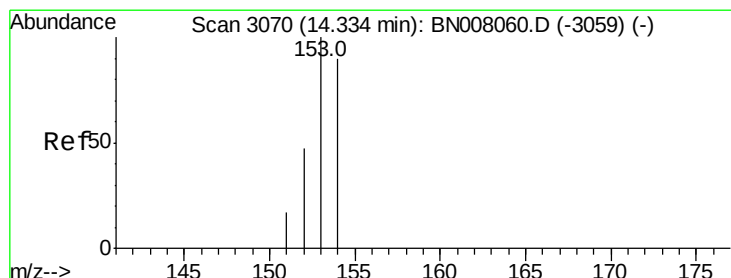
Tgt Ion:153 Resp: 5139

Ion Ratio Lower Upper

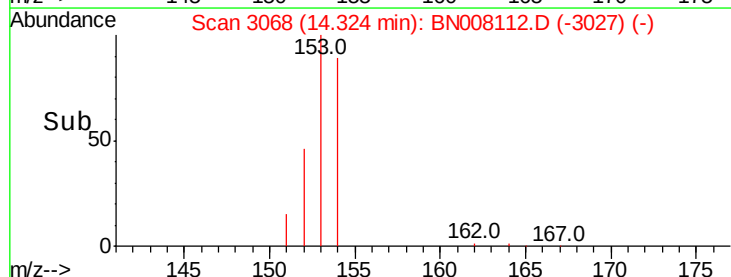
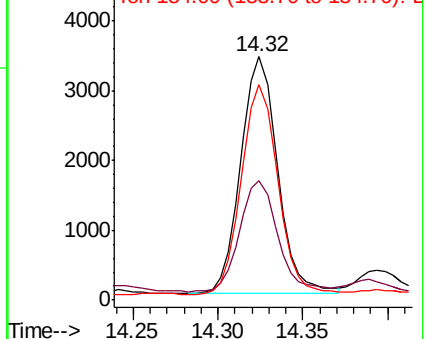
153 100

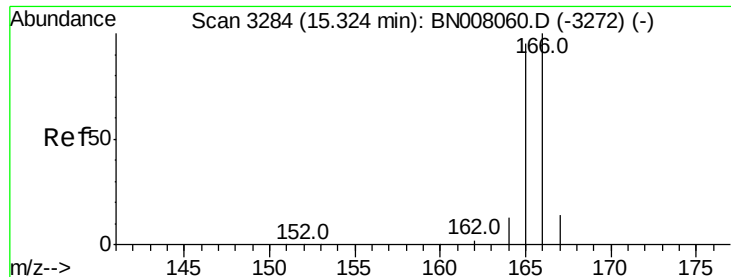
152 49.0 38.2 57.2

154 88.2 71.8 107.8



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: 0.250 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008112.D

Acq: 12 Oct 2019 14:45

Instrument :

BNA_N

ClientSampleId :

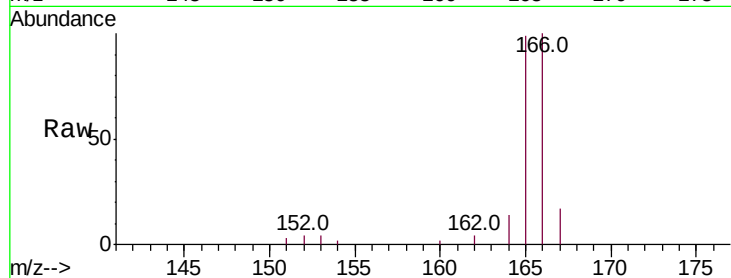
Tot Ion:166 Resp: 8131

Ion Ratio Lower Upper

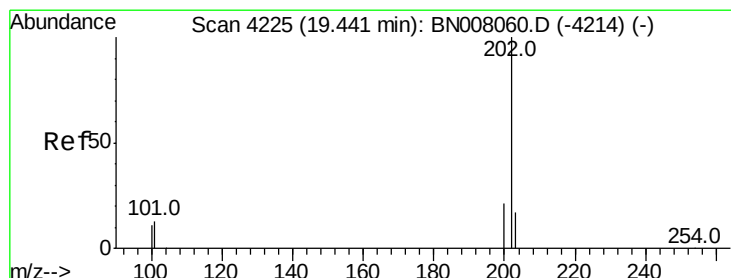
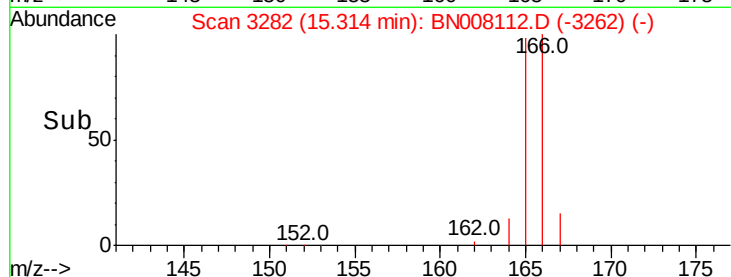
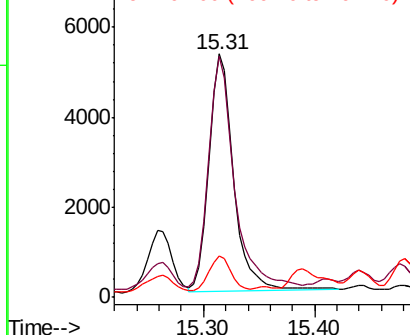
166 100

165 98.8 76.6 115.0

167 17.1 11.7 17.5



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



#17

Pyrene

Concen: 679.237 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008112.D

Acq: 12 Oct 2019 14:45

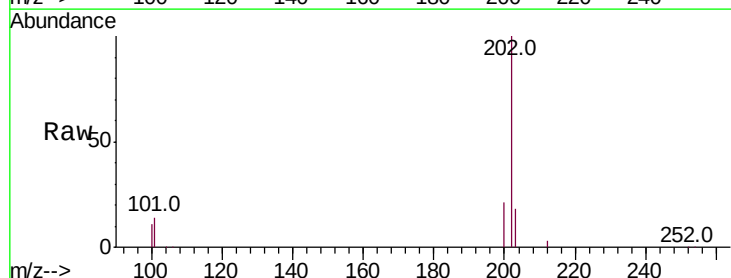
Tgt Ion:202 Resp: 562538

Ion Ratio Lower Upper

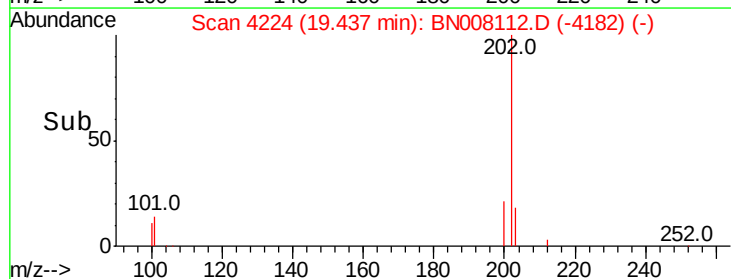
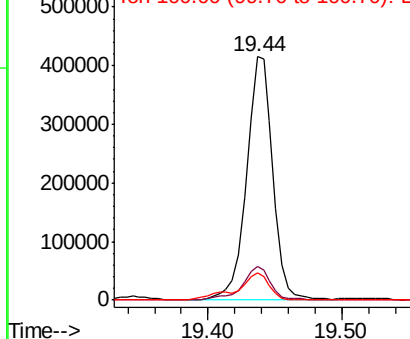
202 100

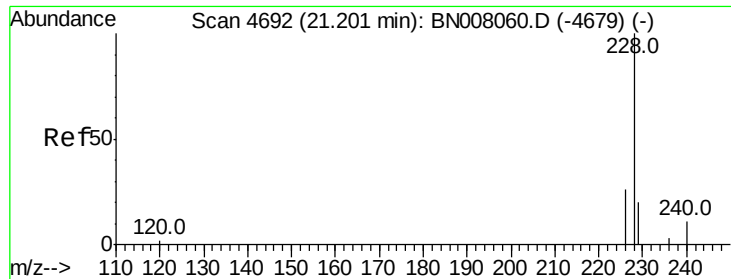
101 13.6 10.9 16.3

100 11.2 8.7 13.1



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





#18

Benzo(a)anthracene

Concen: 511.214 ng/ul

RT: 21.25 min Scan# 4708

Delta R.T. 0.05 min

Lab File: BN008112.D

Acq: 12 Oct 2019 14:45

Instrument :

BNA_N

ClientSampleId :

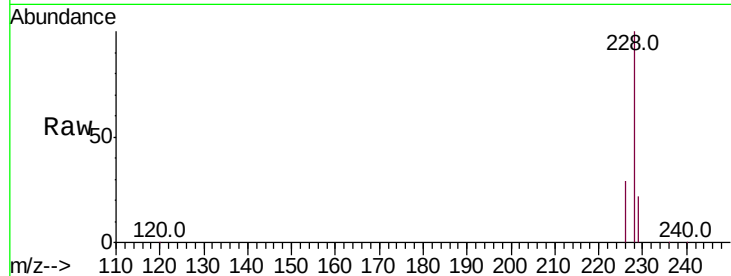
Tot Ion:228 Resp: 386590

Ion Ratio Lower Upper

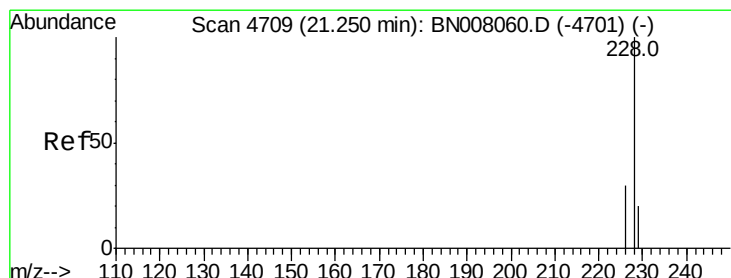
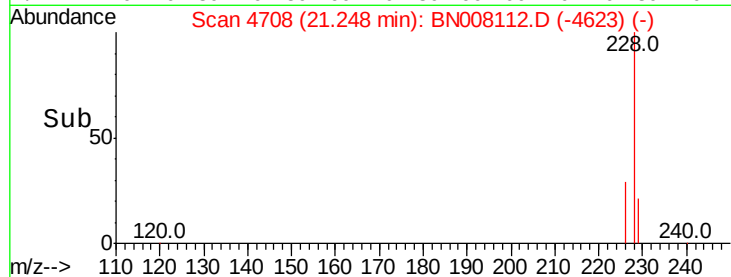
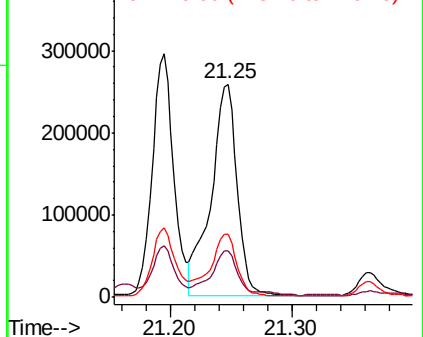
228 100

229 21.8 16.2 24.2

226 29.4 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 413.093 ng/ul

RT: 21.25 min Scan# 4708

Delta R.T. -0.00 min

Lab File: BN008112.D

Acq: 12 Oct 2019 14:45

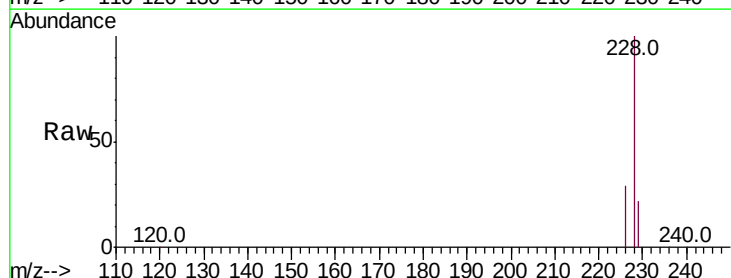
Tgt Ion:228 Resp: 383366

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 21.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

