

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011755.D
 Acq On : 09 Sep 2020 02:45
 Operator : CG/JU
 Sample : L3843-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

Quant Time: Sep 09 07:12:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 07:05:35 2020
 Response via : Initial Calibration

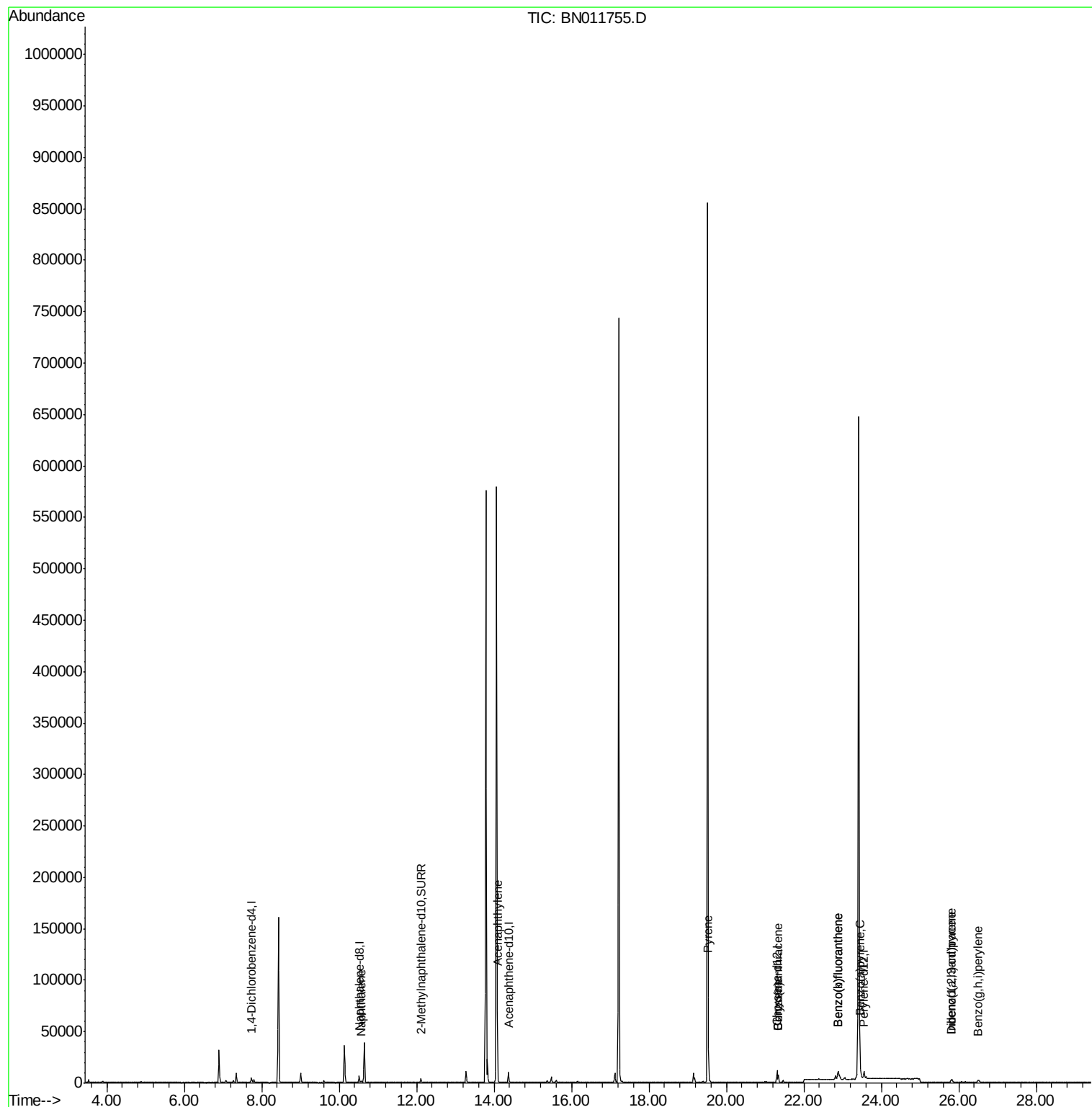
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8859	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5213	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.12
16) Chrysene-d12	21.31	240	9181	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	9435	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4527	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	9104	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.57	128	1952	0.074	ng/ul#	93
7) Acenaphthylene	14.09	152	1681	0.067	ng/ul#	89
17) Pyrene	19.54	202	13514	0.331	ng/ul#	94
18) Benzo(a)anthracene	21.34	228	6882	0.193	ng/ul	94
19) Chrysene	21.34	228	6882	0.173	ng/ul	97
21) Benzo(b)fluoranthene	22.88	252	17443	0.394	ng/ul	88
22) Benzo(k)fluoranthene	22.88	252	17443	0.385	ng/ul#	89
23) Benzo(a)pyrene	23.46	252	7744	0.203	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.81	276	4881	0.097	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	1439	0.035	ng/ul#	49
26) Benzo(g,h,i)perylene	26.50	276	4758	0.109	ng/ul#	88

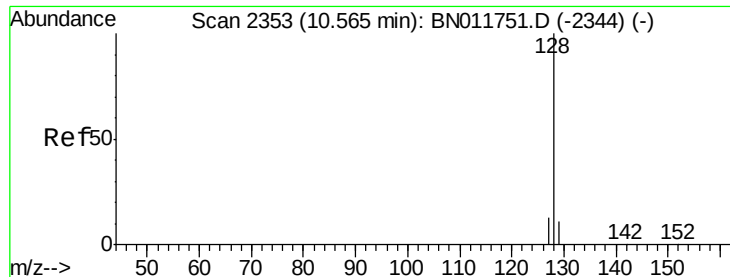
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.074 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011755.D

Acq: 09 Sep 2020 02:45

Instrument :

BNA_N

ClientSampleId :

C0AC1

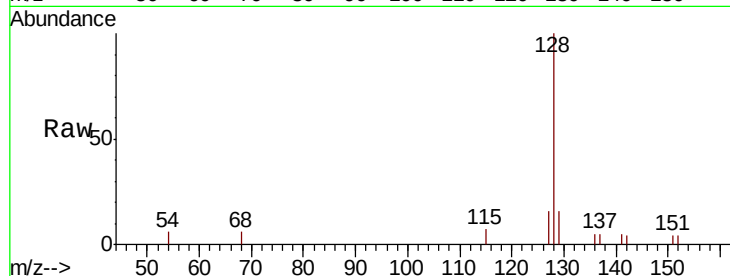
Tot Ion:128 Resp: 1952

Ion Ratio Lower Upper

128 100

129 16.1 9.8 14.6#

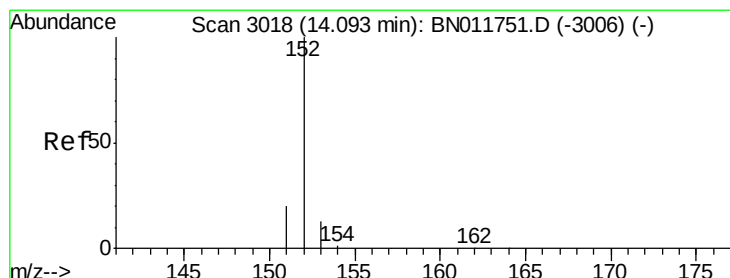
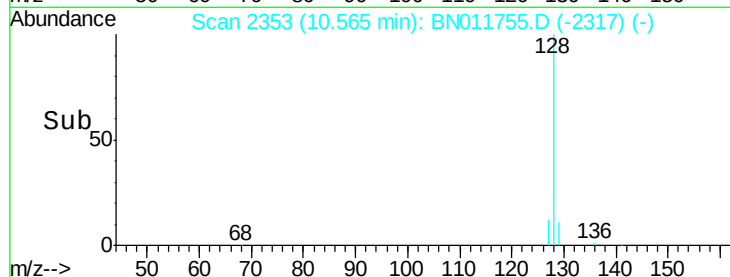
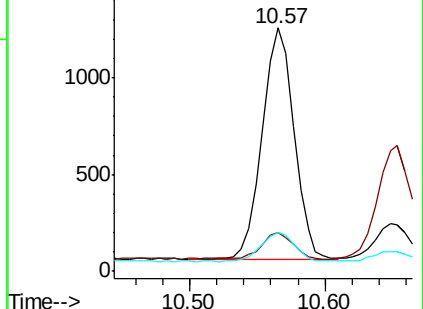
127 15.7 11.0 16.6



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



#7

Acenaphthylene

Concen: 0.067 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011755.D

Acq: 09 Sep 2020 02:45

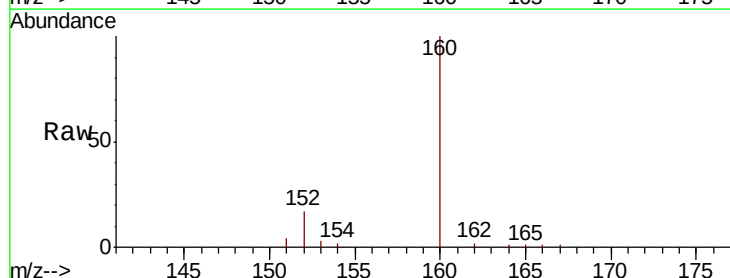
Tgt Ion:152 Resp: 1681

Ion Ratio Lower Upper

152 100

151 24.8 16.2 24.4#

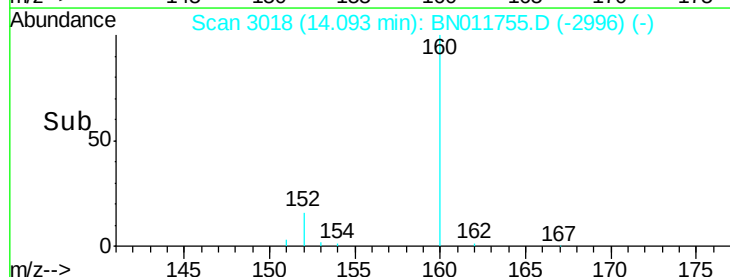
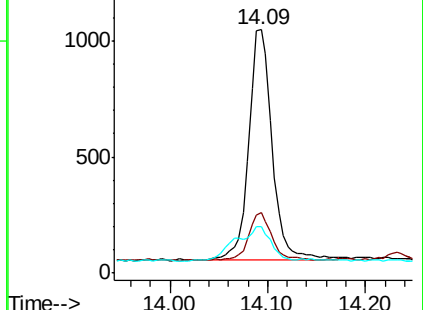
153 19.0 11.4 17.0#

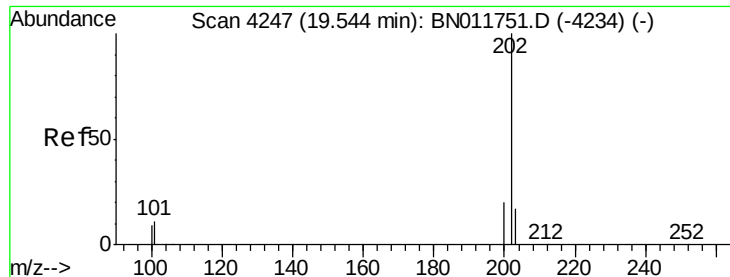


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

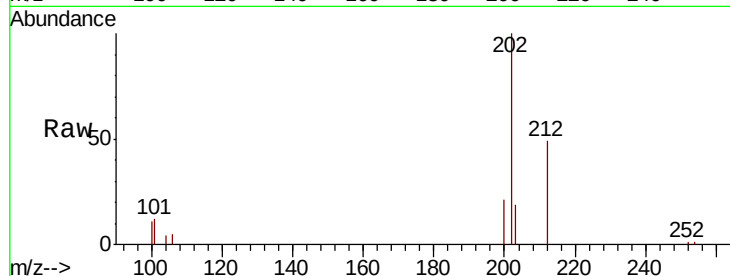




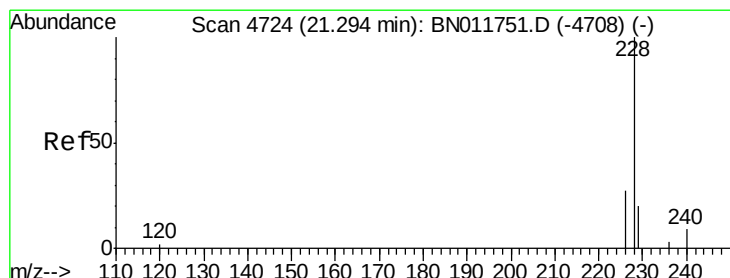
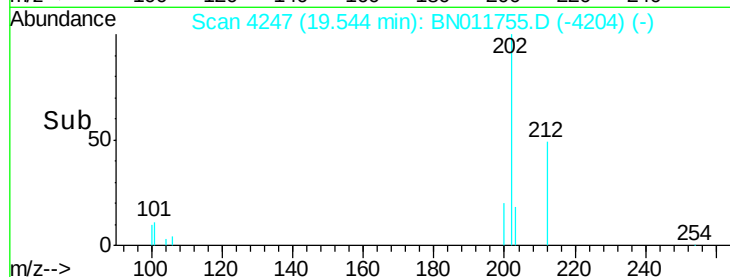
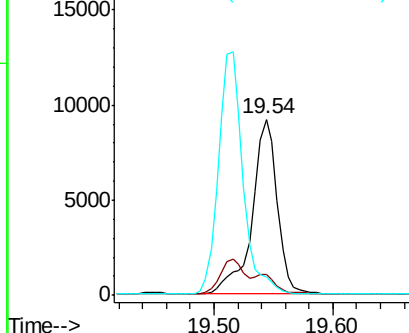
#17
Pvrene
Concen: 0.331 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tot Ion:202 Resp: 13514
Ion Ratio Lower Upper
202 100
101 11.7 8.0 12.0
100 10.6 6.5 9.7#

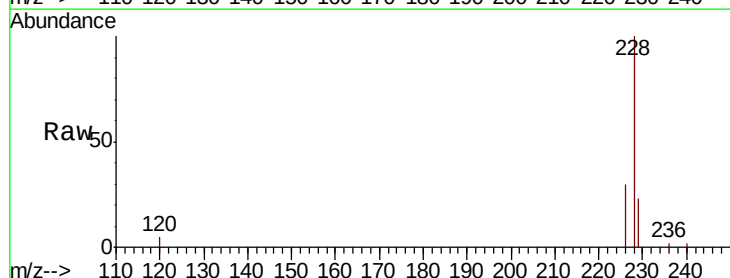


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

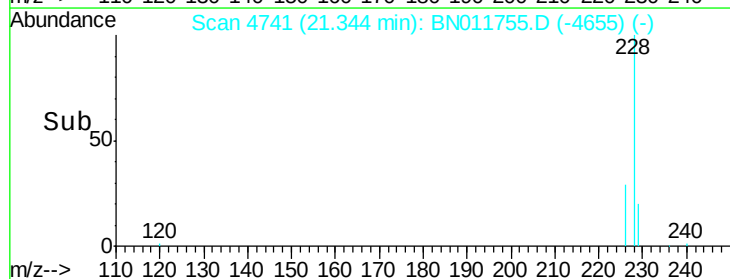
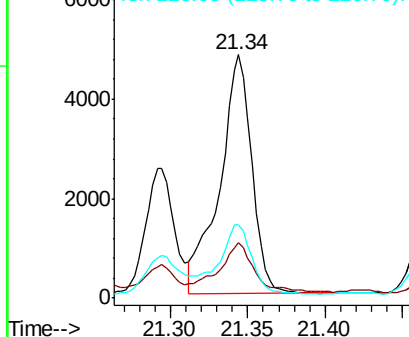


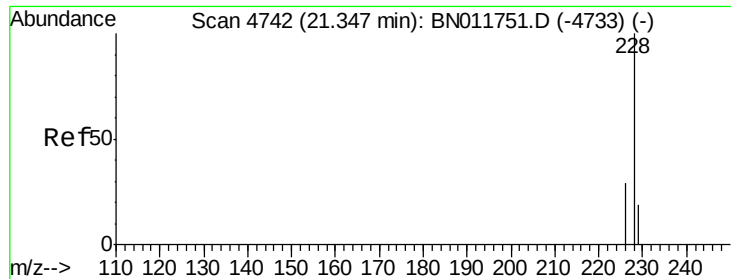
#18
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.34 min Scan# 4741
Delta R.T. 0.05 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:228 Resp: 6882
Ion Ratio Lower Upper
228 100
229 22.6 15.9 23.9
226 30.3 21.9 32.9



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: 0.173 ng/ul

RT: 21.34 min Scan# 4741

Delta R.T. -0.00 min

Lab File: BN011755.D

Acq: 09 Sep 2020 02:45

Instrument :

BNA_N

ClientSampleId :

C0AC1

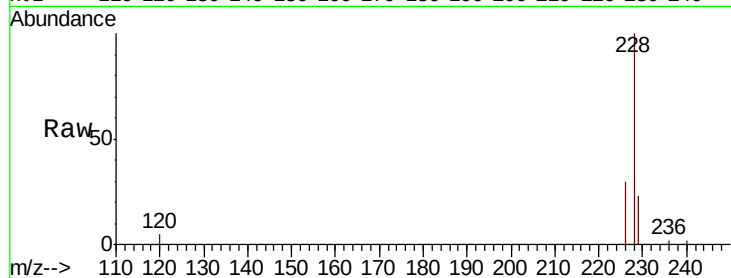
Tot Ion:228 Resp: 6882

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

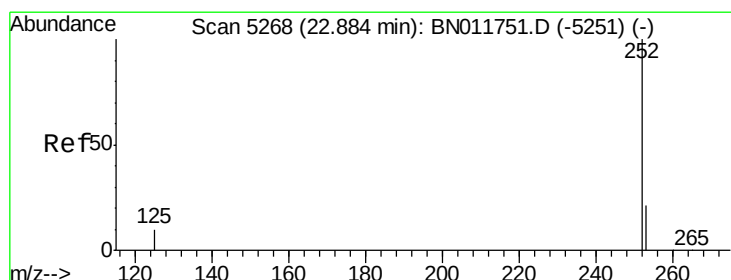
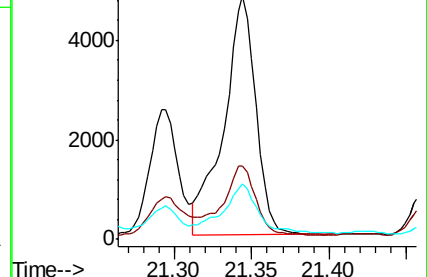
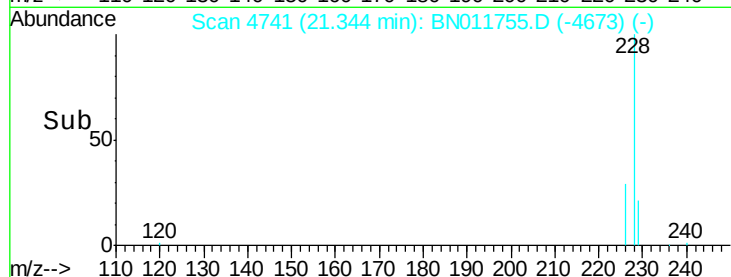
229 22.6 15.9 23.9



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



#21

Benzo(b)fluoranthene

Concen: 0.394 ng/ul

RT: 22.88 min Scan# 5267

Delta R.T. -0.00 min

Lab File: BN011755.D

Acq: 09 Sep 2020 02:45

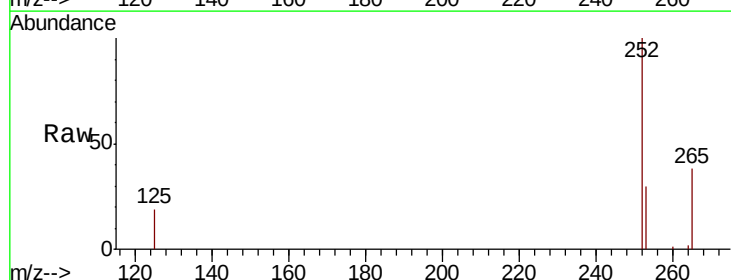
Tgt Ion:252 Resp: 17443

Ion Ratio Lower Upper

252 100

253 29.8 0.0 50.6

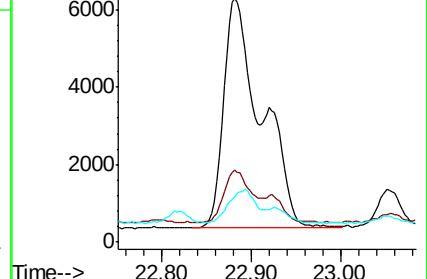
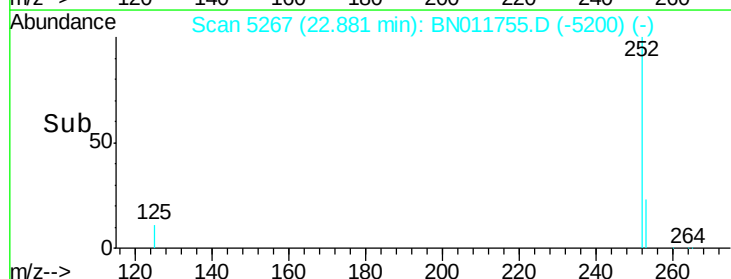
125 18.7 0.0 23.6

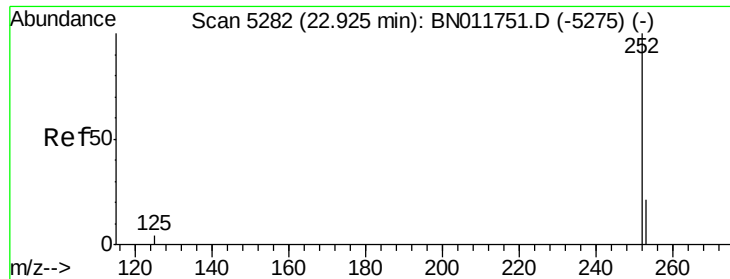


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.385 ng/ul

RT: 22.88 min Scan# 5267

Delta R.T. -0.04 min

Lab File: BN011755.D

Acq: 09 Sep 2020 02:45

Instrument :

BNA_N

ClientSampleId :

C0AC1

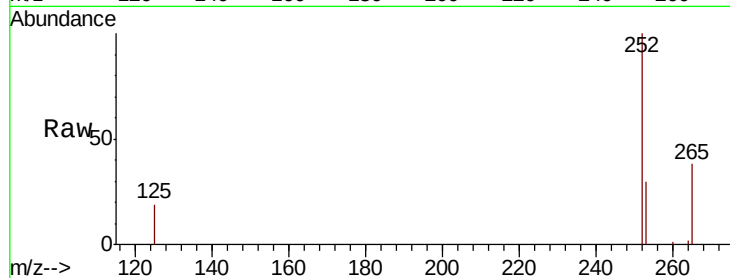
Tot Ion:252 Resp: 17443

Ion Ratio Lower Upper

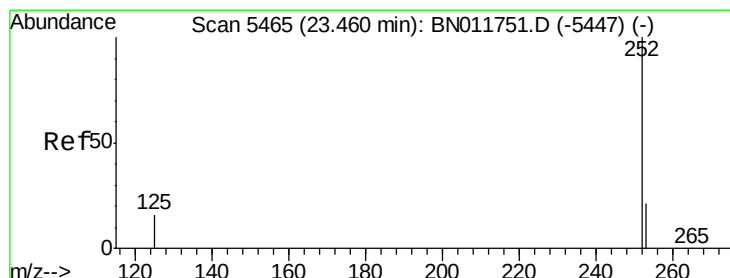
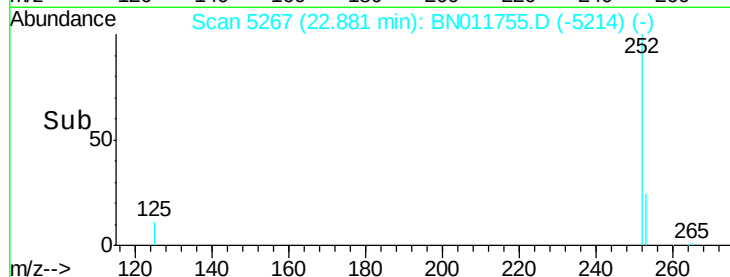
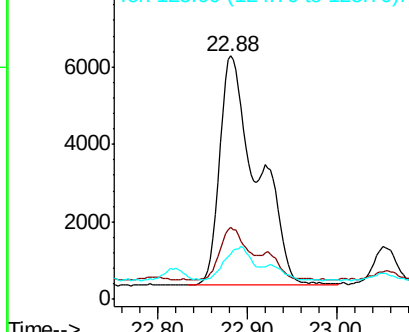
252 100

253 29.8 20.7 31.1

125 18.7 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.203 ng/ul

RT: 23.46 min Scan# 5465

Delta R.T. 0.00 min

Lab File: BN011755.D

Acq: 09 Sep 2020 02:45

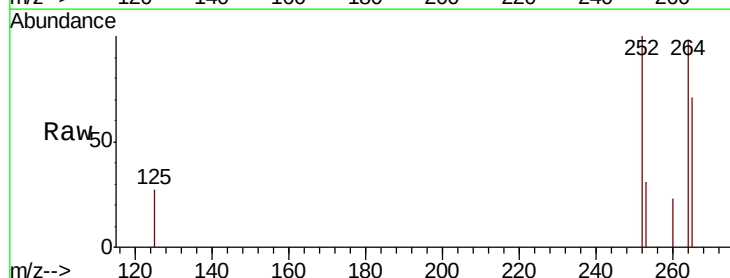
Tgt Ion:252 Resp: 7744

Ion Ratio Lower Upper

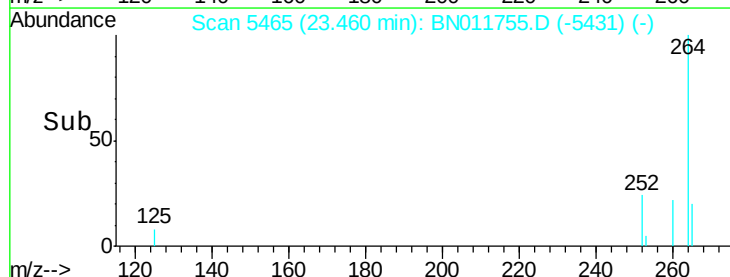
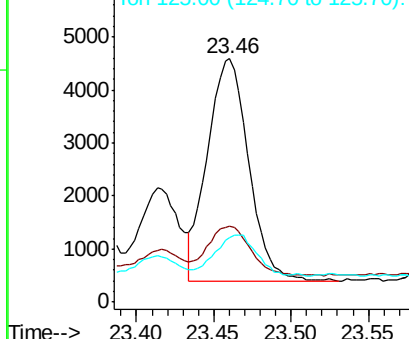
252 100

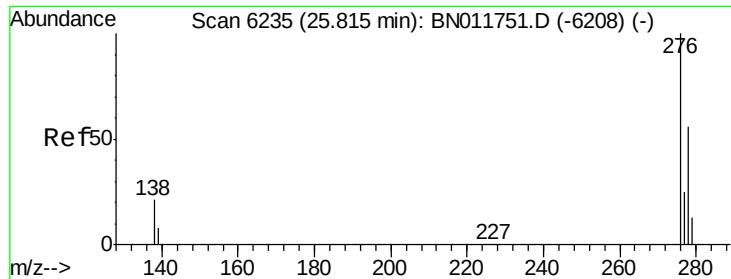
253 31.2 21.6 32.4

125 26.7 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



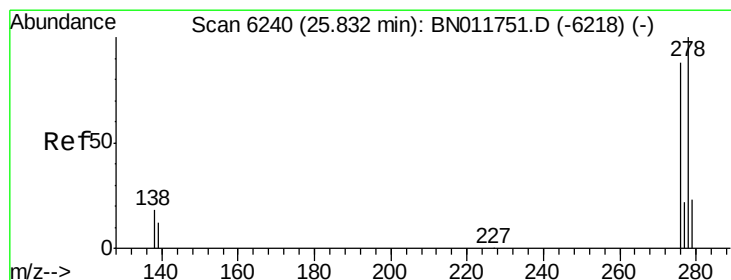
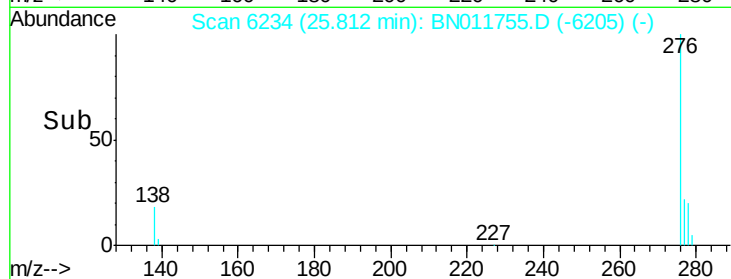
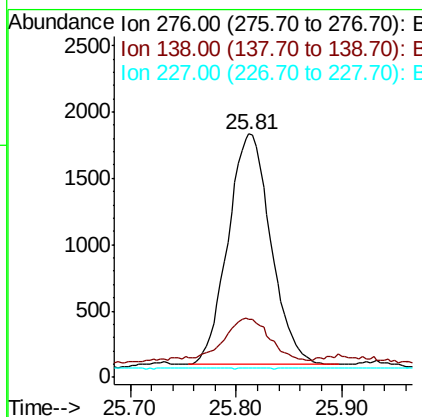
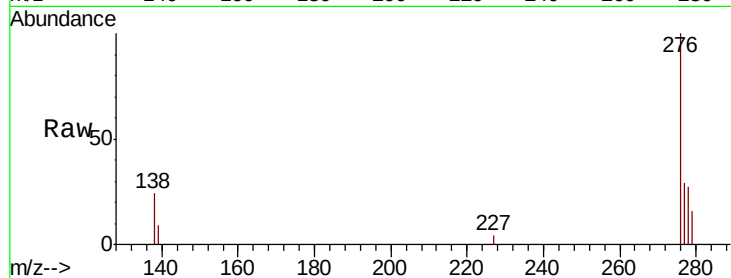


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.81 min Scan# 6234
Delta R.T. -0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Instrument :
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ClientSampleId :
C0AC1

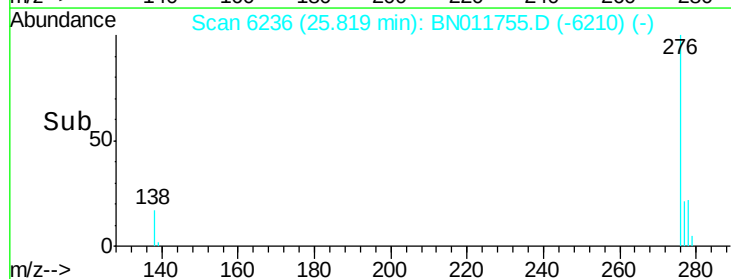
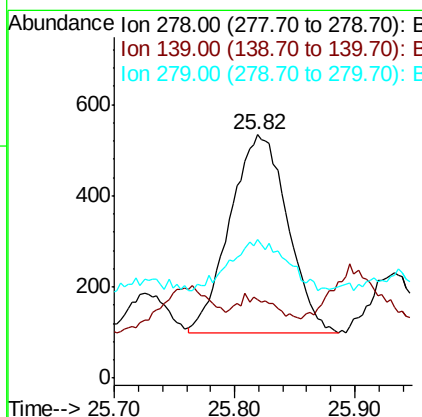
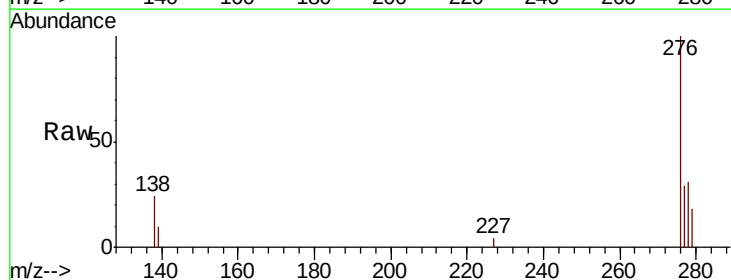
Tot Ion:276 Resp: 4881
Ion Ratio Lower Upper
276 100
138 18.8 0.0 0.0#
227 0.2 0.1 0.1#

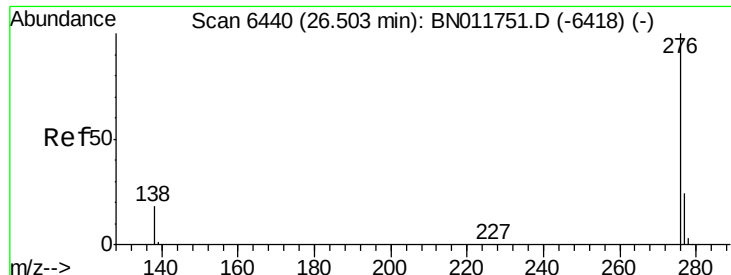


#25

Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:278 Resp: 1439
Ion Ratio Lower Upper
278 100
139 32.0 12.4 18.6#
279 57.1 21.8 32.6#





#26

Benzo(a,h,i)perylene

Concen: 0.109 ng/ul

RT: 26.50 min Scan# 6440

Delta R.T. 0.00 min

Lab File: BN011755.D

Acq: 09 Sep 2020 02:45

Instrument :

BNA_N

ClientSampleId :

C0AC1

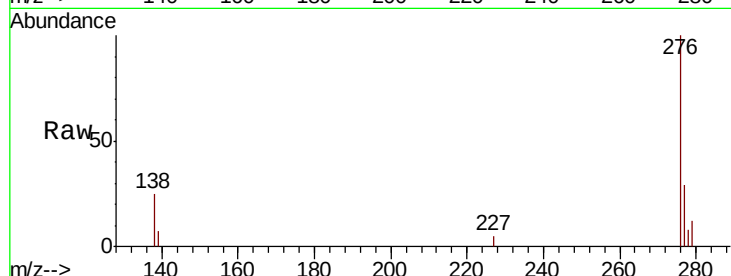
Tot Ion:276 Resp: 4758

Ion Ratio Lower Upper

276 100

138 25.3 14.7 22.1#

277 29.1 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

2000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

