

Data File : BN003394.D
Acq On : 02 Nov 2018 00:16
Operator : MJ/SJ
Sample : J5704-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J0

Quant Time: Nov 02 04:53:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45699	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	28274	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	3352060	0.40	ng/ul	0.10
16) Chrysene-d12	21.54	240	78	0.40	ng/ul	0.12
20) Perylene-d12	23.96	264	27	0.40	ng/ul	0.22

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	21559	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

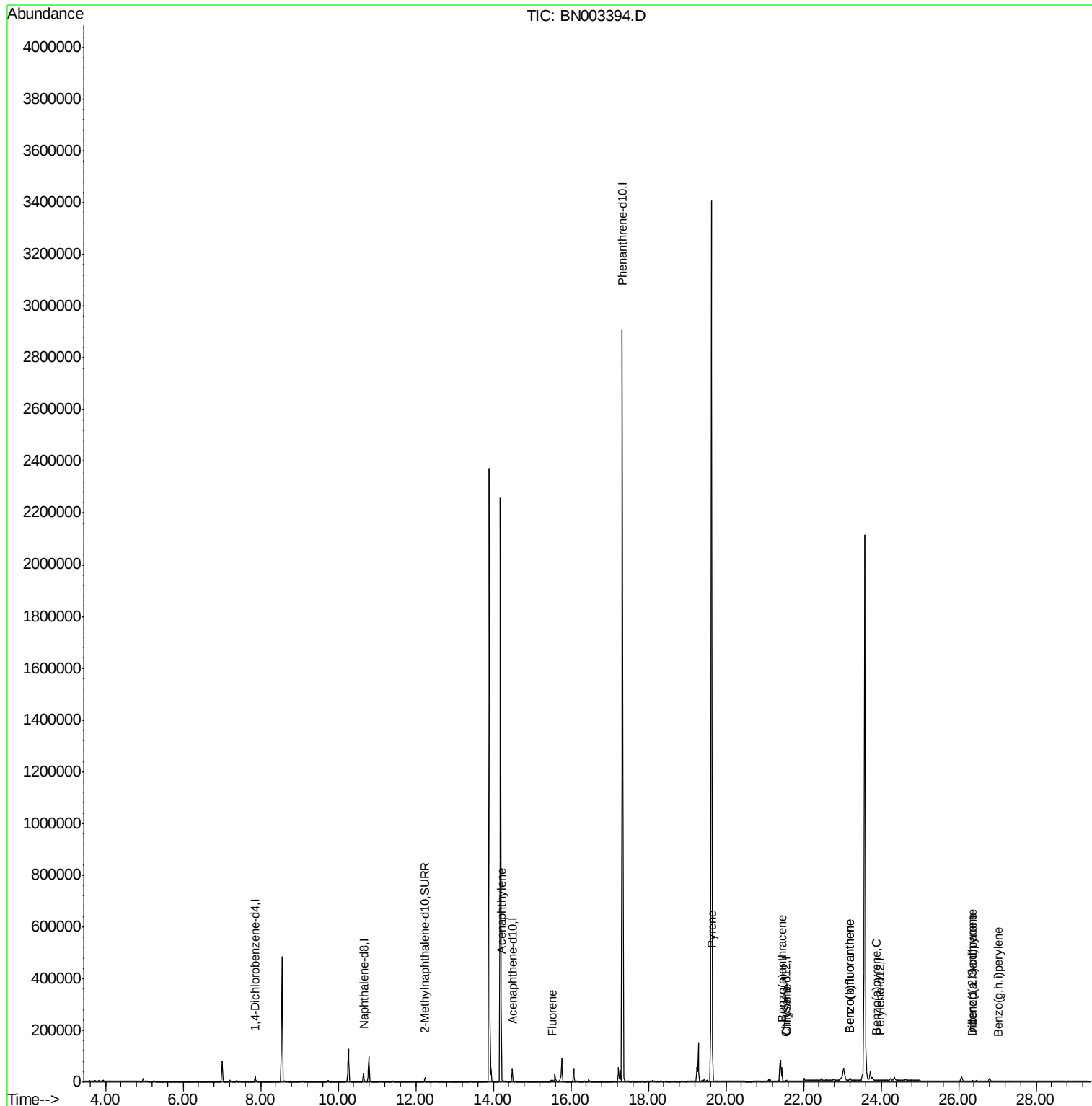
Target Compounds				Qvalue		
7) Acenaphthylene	14.21	152	6099	0.050	ng/ul	95
9) Fluorene	15.54	166	3041	0.024	ng/ul#	80
17) Pyrene	19.65	202	122206	430.718	ng/ul	99
18) Benzo(a)anthracene	21.45	228	55522	227.039	ng/ul	93
19) Chrysene	21.56	228	4723	16.993	ng/ul#	45
21) Benzo(b)fluoranthene	23.20	252	11202	96.285	ng/ul#	51
22) Benzo(k)fluoranthene	23.20	252	11202	99.412	ng/ul#	51
23) Benzo(a)pyrene	23.87	252	929	9.562	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	1458	14.019	ng/ul#	63
25) Dibenzo(a,h)anthracene	26.36	278	5536	65.306	ng/ul#	57
26) Benzo(g,h,i)perylene	27.03	276	732	8.208	ng/ul#	1

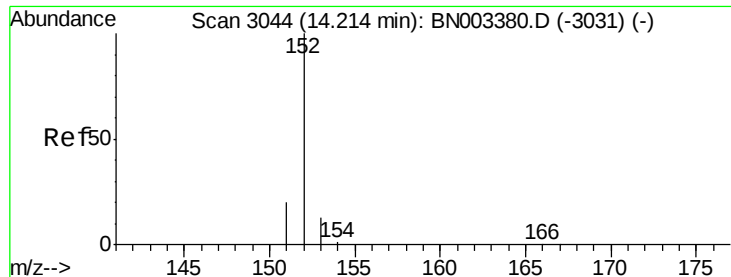
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003394.D
Acq On : 02 Nov 2018 00:16
Operator : MJ/SJ
Sample : J5704-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J0

Quant Time: Nov 02 04:53:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.050 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

Instrument :

BNA_N

ClientSampleId :

A40J0

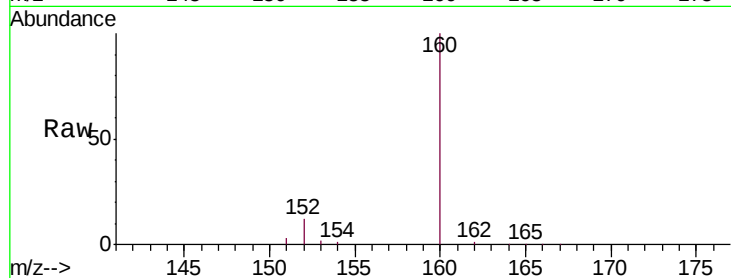
Tgt Ion:152 Resp: 6099

Ion Ratio Lower Upper

152 100

151 21.5 15.6 23.4

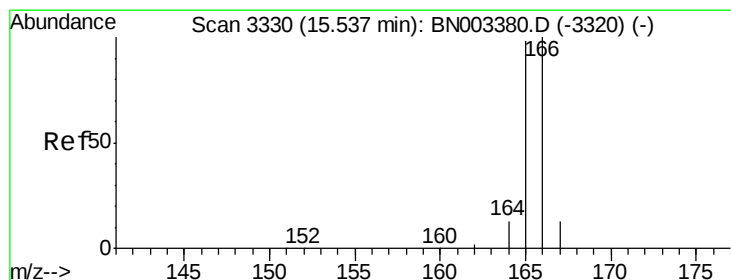
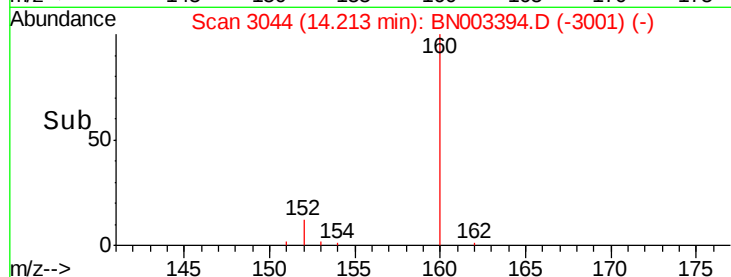
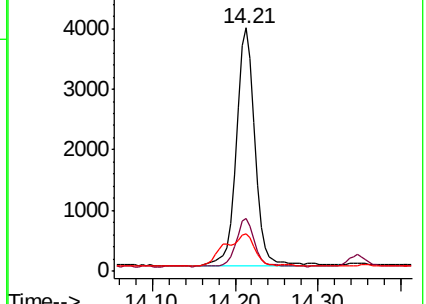
153 15.4 10.4 15.6



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



#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

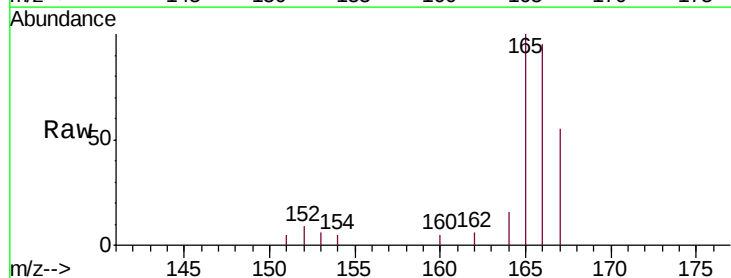
Tgt Ion:166 Resp: 3041

Ion Ratio Lower Upper

166 100

165 105.7 78.3 117.5

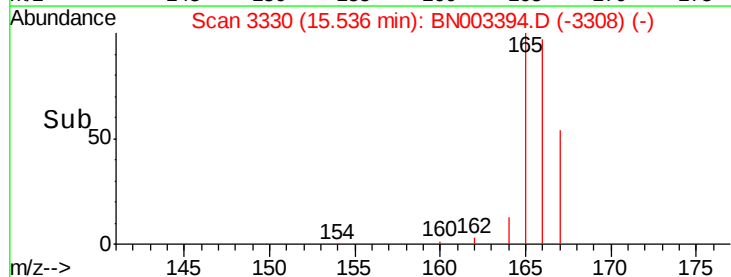
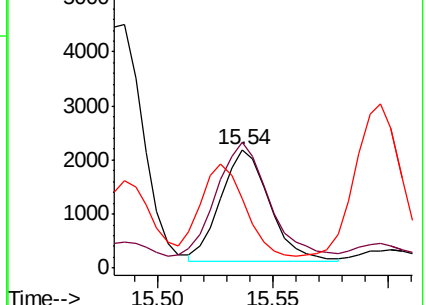
167 58.2 10.8 16.2#

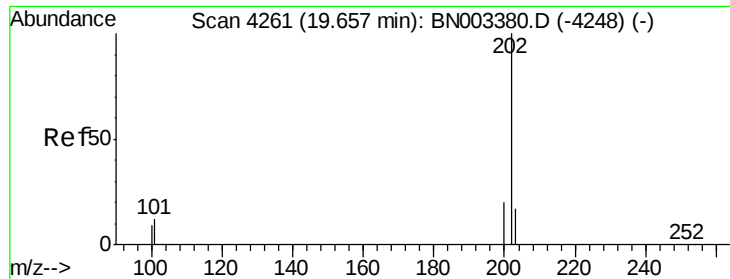


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

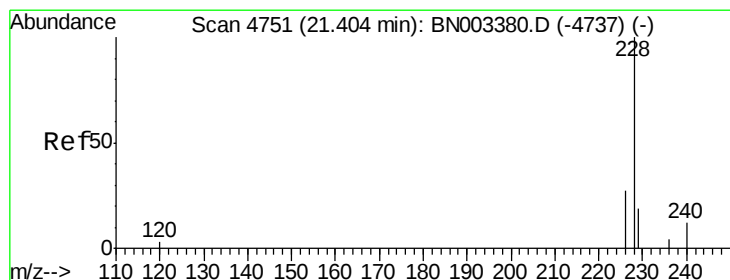
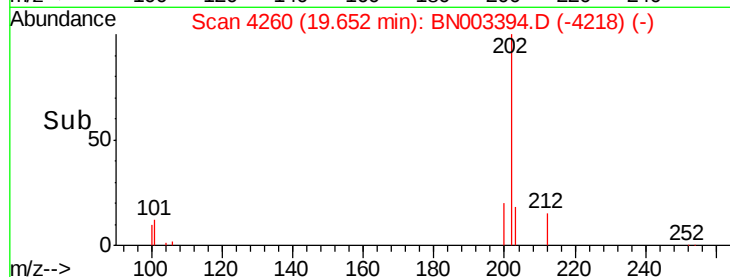
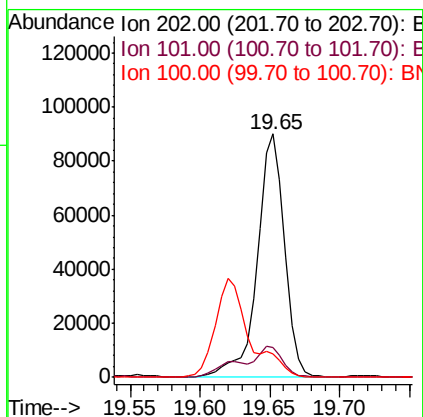
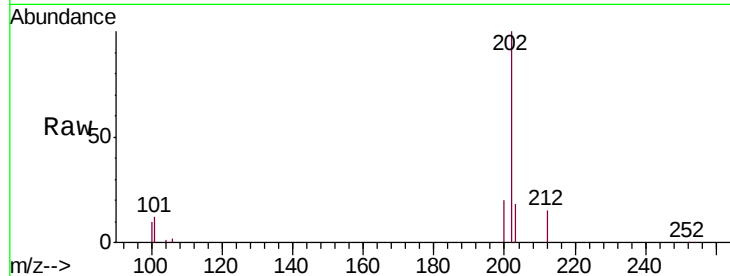




#17
 Pyrene
 Concen: 430.718 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. -0.00 min
 Lab File: BN003394.D
 Acq: 02 Nov 2018 00:16

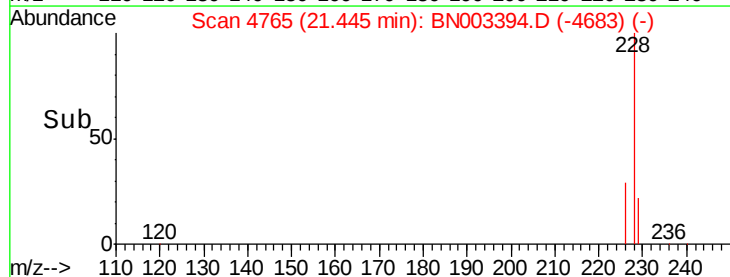
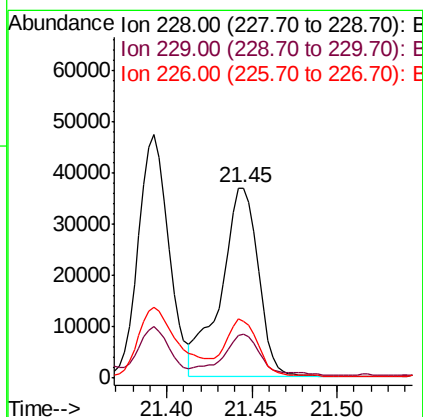
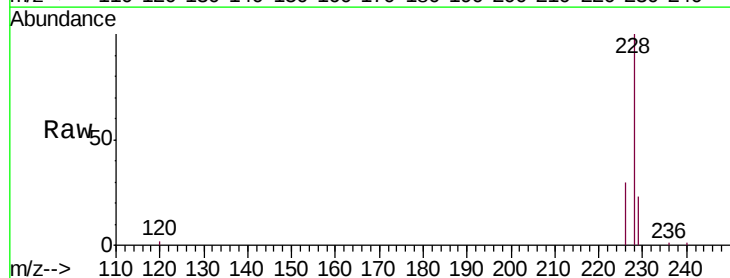
Instrument :
 BNA_N
 ClientSampleId :
 A40J0

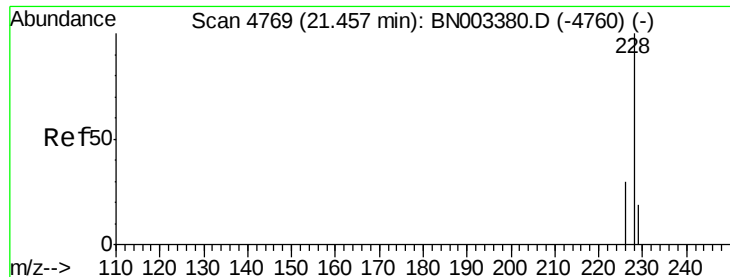
Tgt Ion:202 Resp: 122206
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.5 14.3
 100 9.7 7.5 11.3



#18
 Benzo(a)anthracene
 Concen: 227.039 ng/ul
 RT: 21.45 min Scan# 4765
 Delta R.T. 0.04 min
 Lab File: BN003394.D
 Acq: 02 Nov 2018 00:16

Tgt Ion:228 Resp: 55522
 Ion Ratio Lower Upper
 228 100
 229 23.1 15.5 23.3
 226 30.1 21.5 32.3





#19

Chrysene

Concen: 16.993 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.11 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

Instrument :

BNA_N

ClientSampleId :

A40J0

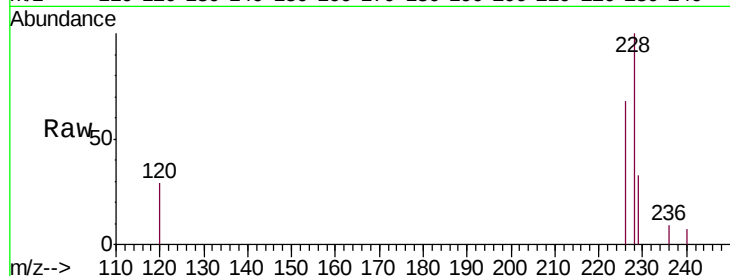
Tgt Ion:228 Resp: 4723

Ion Ratio Lower Upper

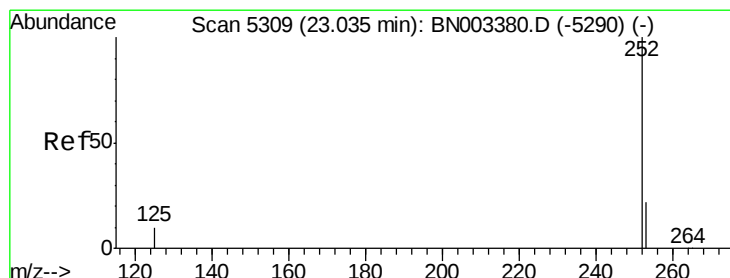
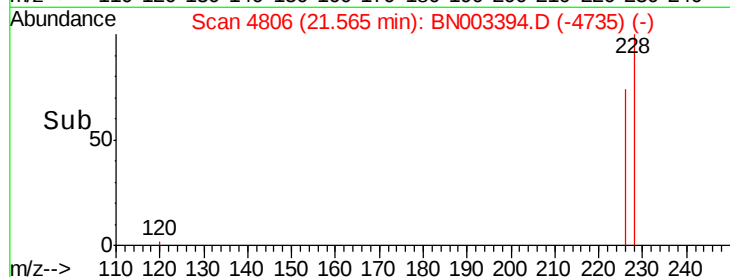
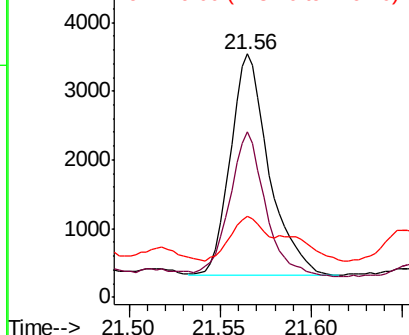
228 100

226 67.9 23.8 35.6#

229 33.4 15.5 23.3#



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: 96.285 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.16 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

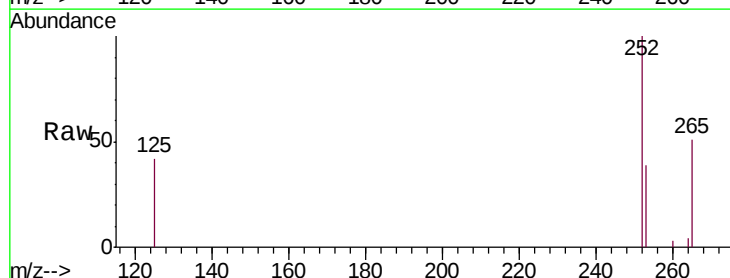
Tgt Ion:252 Resp: 11202

Ion Ratio Lower Upper

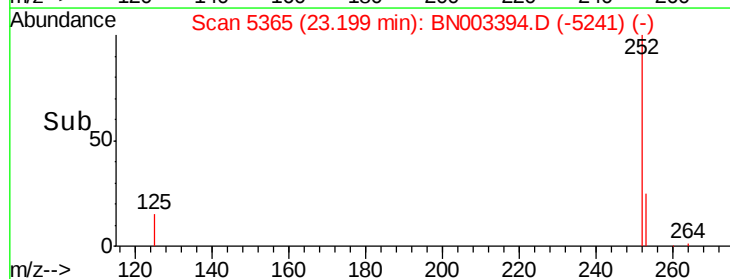
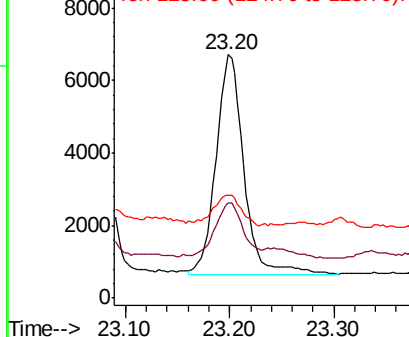
252 100

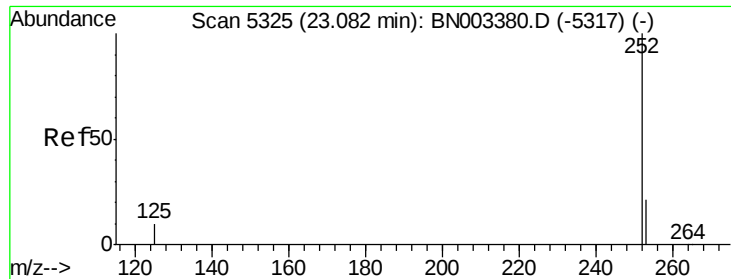
253 38.9 0.0 45.6

125 42.4 0.0 21.8#



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





#22

Benzo(k)fluoranthene

Concen: 99.412 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.12 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

Instrument :

BNA_N

ClientSampleId :

A40J0

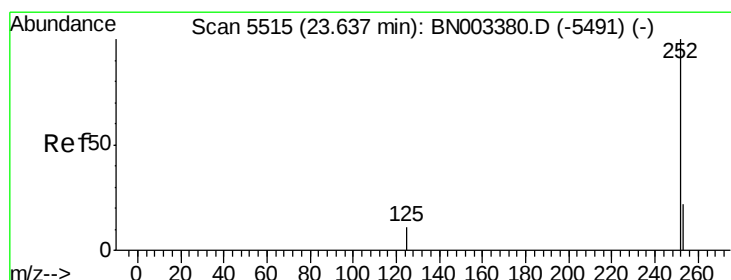
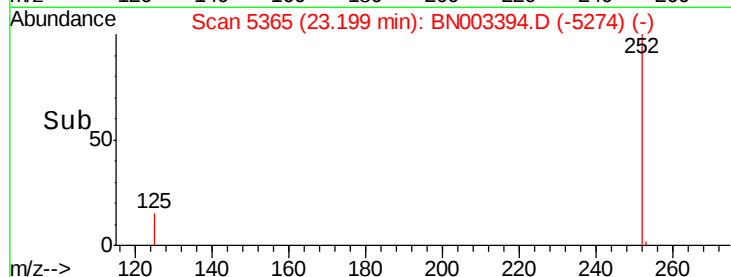
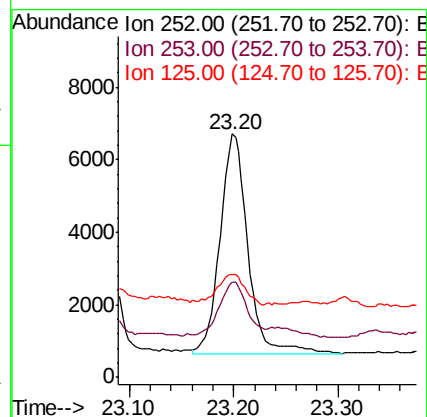
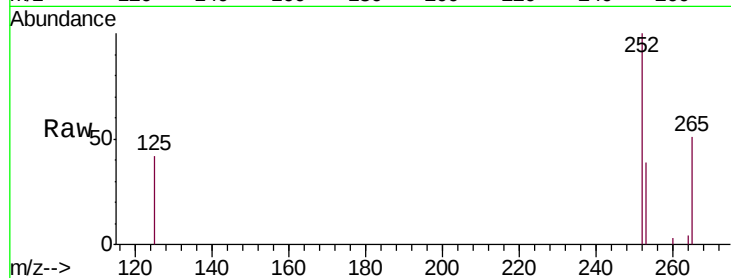
Tgt Ion:252 Resp: 11202

Ion Ratio Lower Upper

252 100

253 38.9 18.2 27.4#

125 42.4 8.6 13.0#



#23

Benzo(a)pyrene

Concen: 9.562 ng/ul

RT: 23.87 min Scan# 5595

Delta R.T. 0.23 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

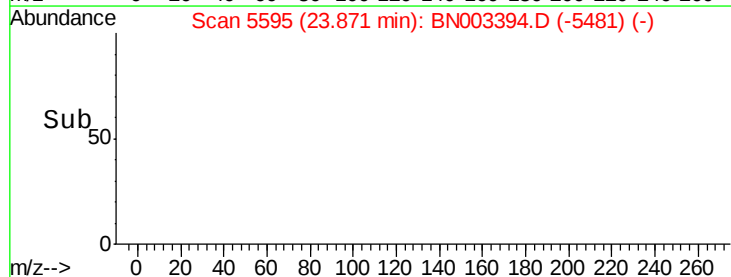
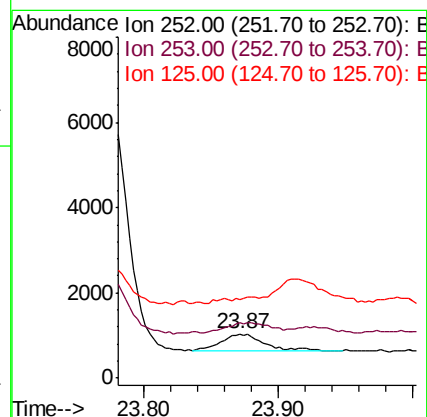
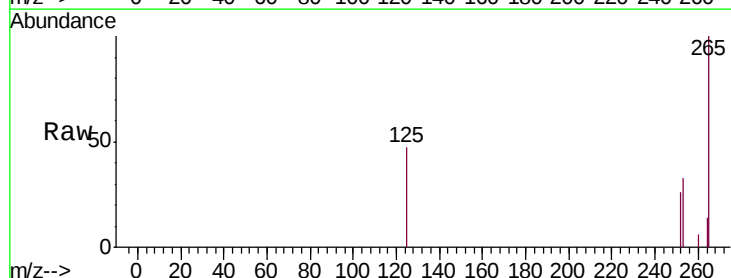
Tgt Ion:252 Resp: 929

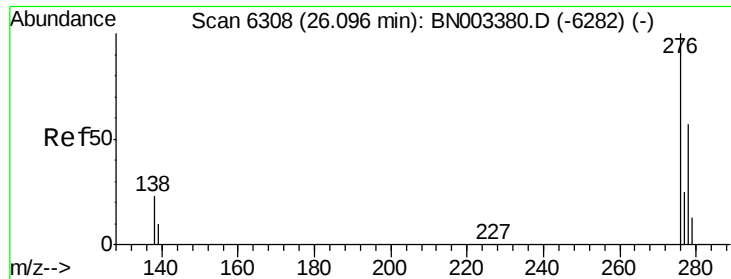
Ion Ratio Lower Upper

252 100

253 125.1 18.5 27.7#

125 179.6 9.9 14.9#





#24

Indeno(1,2,3-cd)pyrene

Concen: 14.019 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.26 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

Instrument :

BNA_N

ClientSampleId :

A40J0

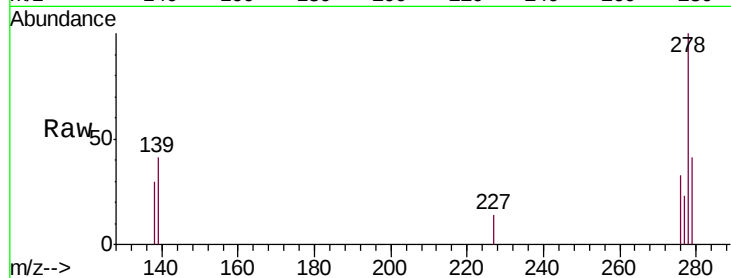
Tgt Ion:276 Resp: 1458

Ion Ratio Lower Upper

276 100

138 43.3 19.8 29.8#

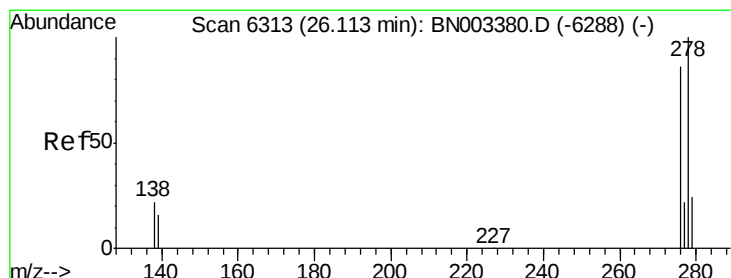
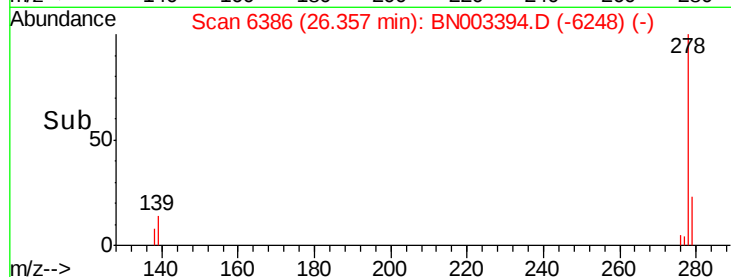
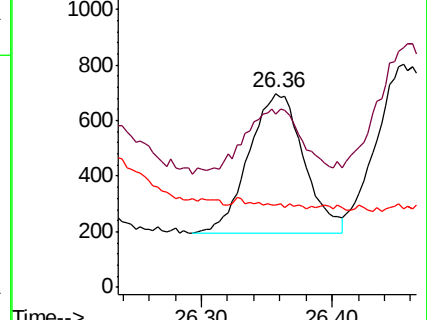
227 0.0 0.2 0.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 65.306 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.24 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

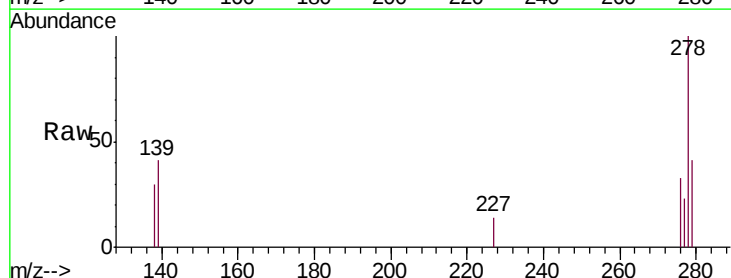
Tgt Ion:278 Resp: 5536

Ion Ratio Lower Upper

278 100

139 41.2 13.1 19.7#

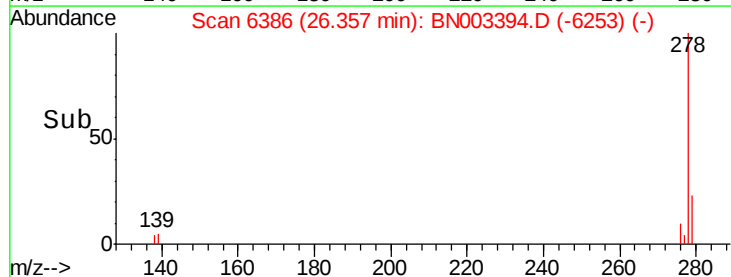
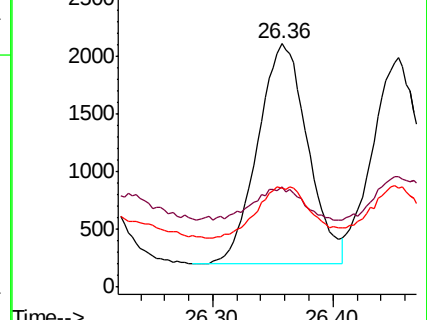
279 40.7 19.5 29.3#

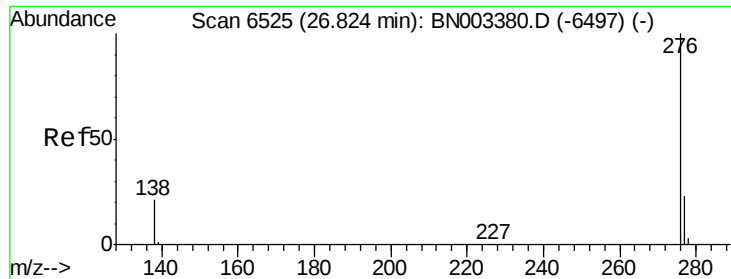


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 8.208 ng/ul

RT: 27.03 min Scan# 6588

Delta R.T. 0.21 min

Lab File: BN003394.D

Acq: 02 Nov 2018 00:16

Instrument :

BNA_N

ClientSampleId :

A40J0

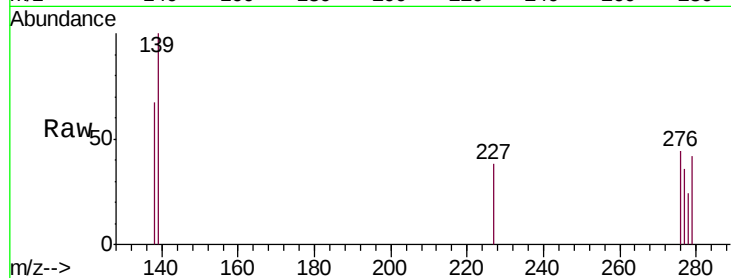
Tgt Ion: 276 Resp: 732

Ion Ratio Lower Upper

276 100

138 151.5 17.0 25.6#

277 80.4 19.2 28.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

