

Data File : BN003393.D
Acq On : 01 Nov 2018 23:41
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H5

Quant Time: Nov 02 04:53:34 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	9737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	41734	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	2955849	0.40	ng/ul	0.10
16) Chrysene-d12	21.54	240	67	0.40	ng/ul	0.12
20) Perylene-d12	23.84	264	389	0.40	ng/ul	0.10

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	18948	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

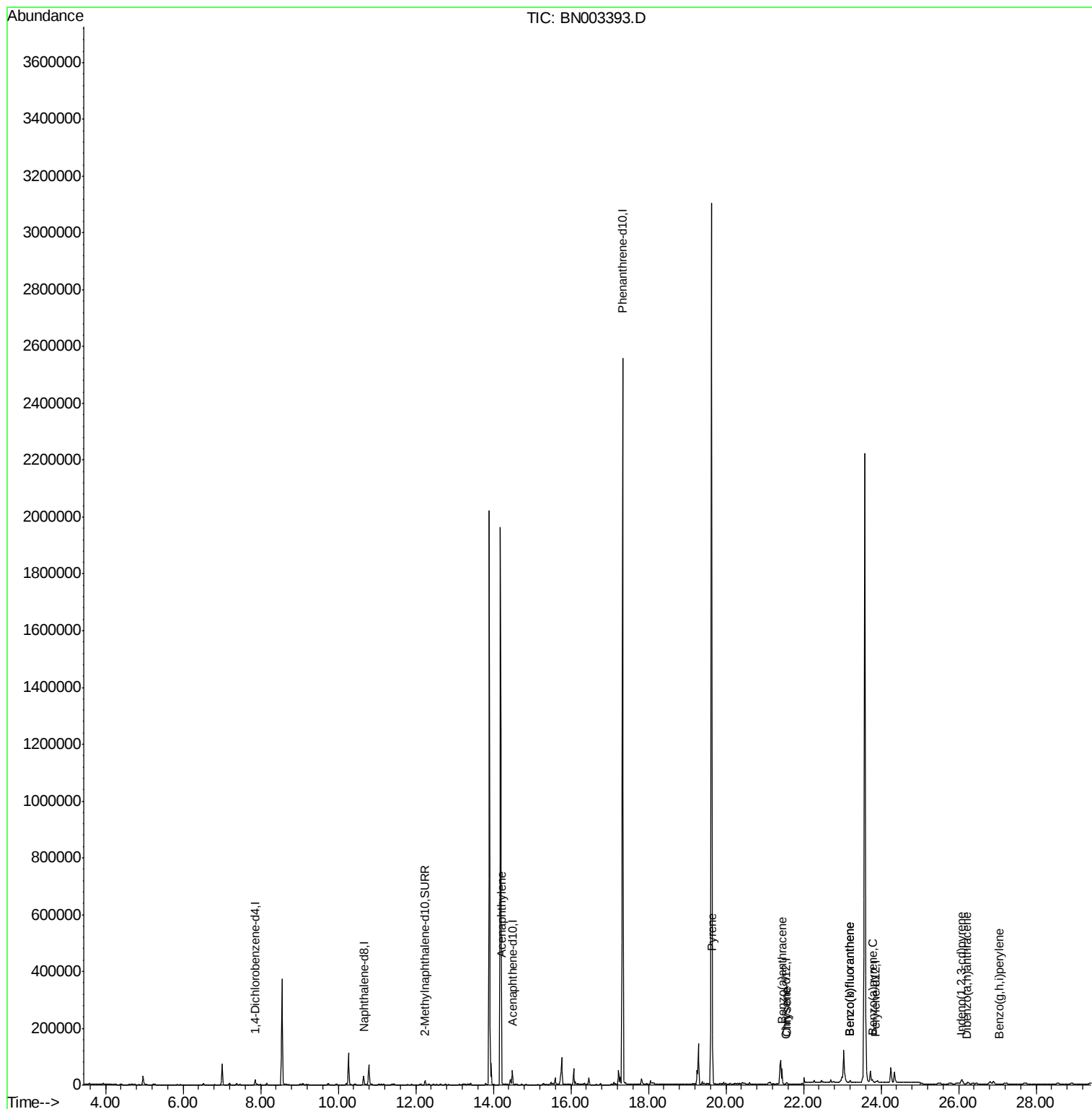
Target Compounds				Qvalue		
7) Acenaphthylene	14.21	152	2985	0.026	ng/ul#	89
17) Pyrene	19.65	202	101388	416.013	ng/ul	98
18) Benzo(a)anthracene	21.45	228	50214	239.045	ng/ul	93
19) Chrysene	21.56	228	5532	23.172	ng/ul#	47
21) Benzo(b)fluoranthene	23.20	252	9216	5.498	ng/ul#	11
22) Benzo(k)fluoranthene	23.20	252	9216	5.677	ng/ul#	11
23) Benzo(a)pyrene	23.77	252	10610	7.580	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	26.08	276	23805	15.887	ng/ul#	90
25) Dibenzo(a,h)anthracene	26.20	278	2153	1.763	ng/ul#	1
26) Benzo(g,h,i)perylene	27.04	276	599	0.466	ng/ul#	1

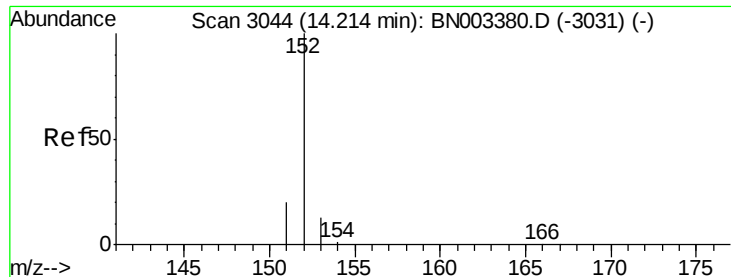
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampled :

A40H5

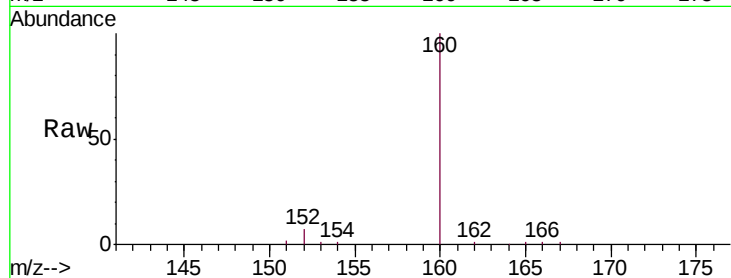
Tgt Ion:152 Resp: 2985

Ion Ratio Lower Upper

152 100

151 23.5 15.6 23.4#

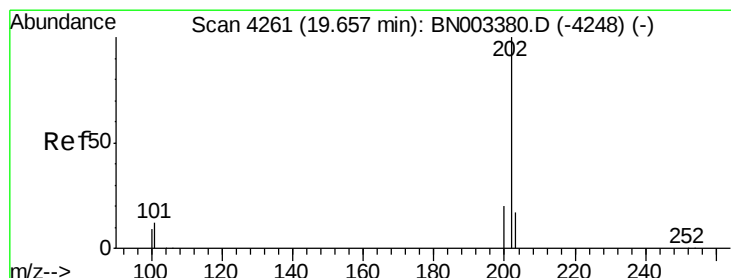
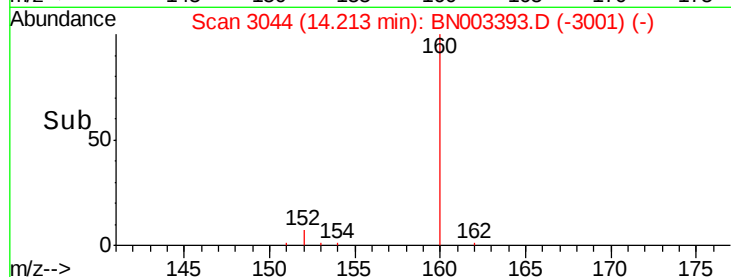
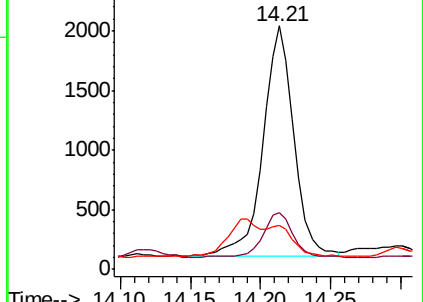
153 18.2 10.4 15.6#



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



#17

Pyrene

Concen: 416.013 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. -0.00 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

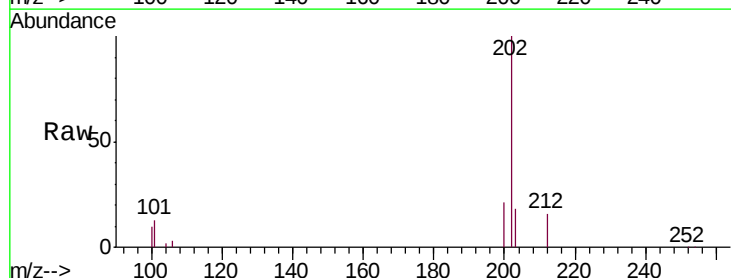
Tgt Ion:202 Resp: 101388

Ion Ratio Lower Upper

202 100

101 12.6 9.5 14.3

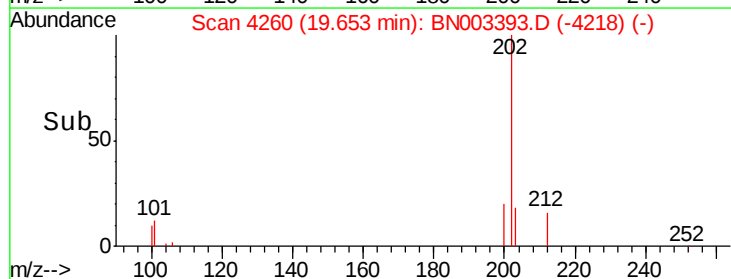
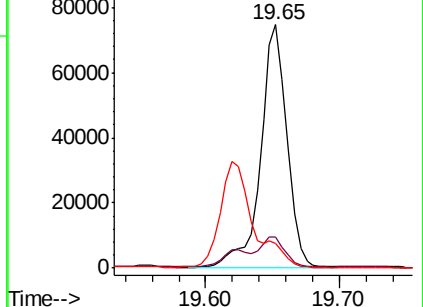
100 10.0 7.5 11.3

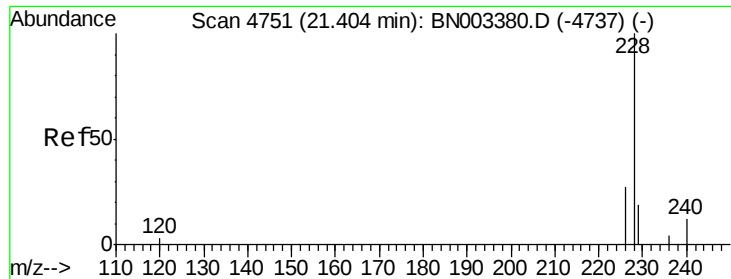


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 239.045 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. 0.04 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

Instrument :

BNA_N

ClientSampleId :

A40H5

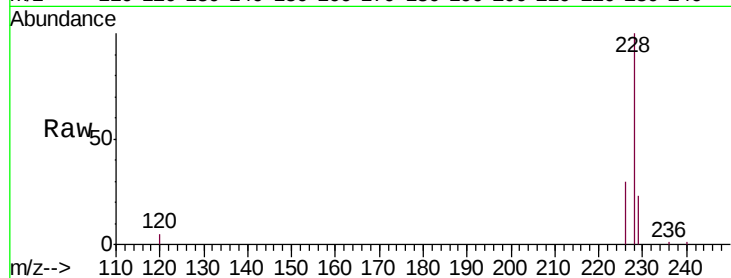
Tgt Ion:228 Resp: 50214

Ion Ratio Lower Upper

228 100

229 23.1 15.5 23.3

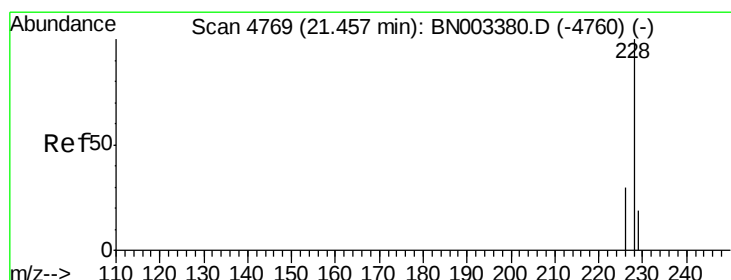
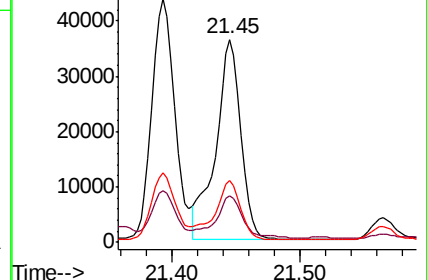
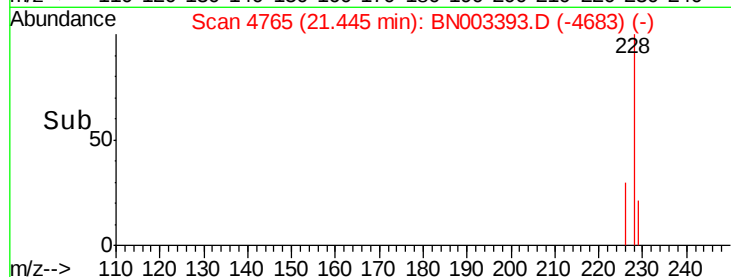
226 30.5 21.5 32.3



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: 23.172 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.11 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

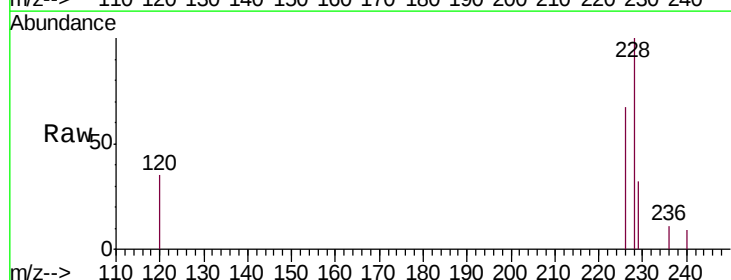
Tgt Ion:228 Resp: 5532

Ion Ratio Lower Upper

228 100

226 67.1 23.8 35.6#

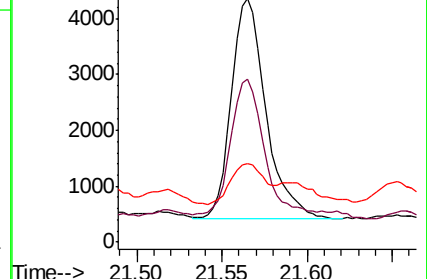
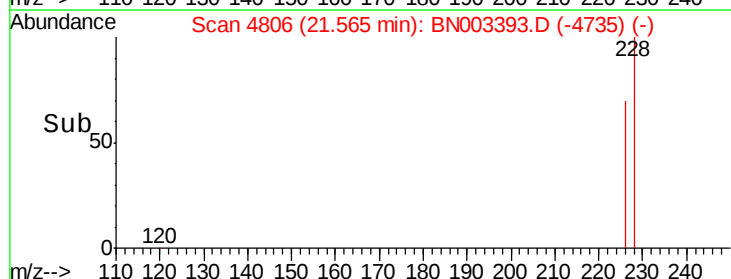
229 32.5 15.5 23.3#

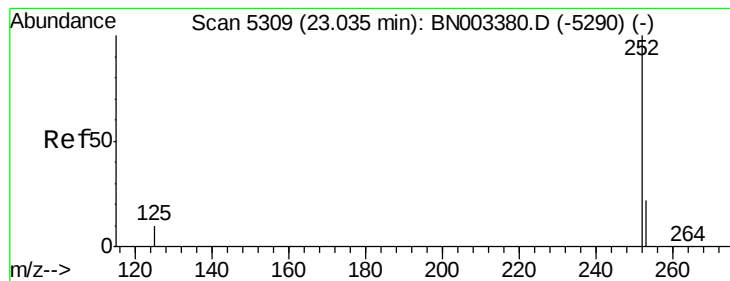


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 5.498 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.16 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

Instrument :

BNA_N

ClientSampleId :

A40H5

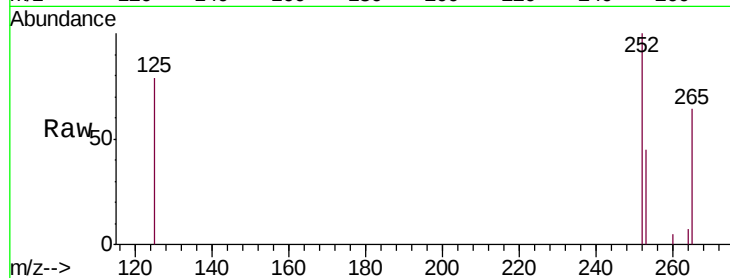
Tgt Ion:252 Resp: 9216

Ion Ratio Lower Upper

252 100

253 44.8 0.0 45.6

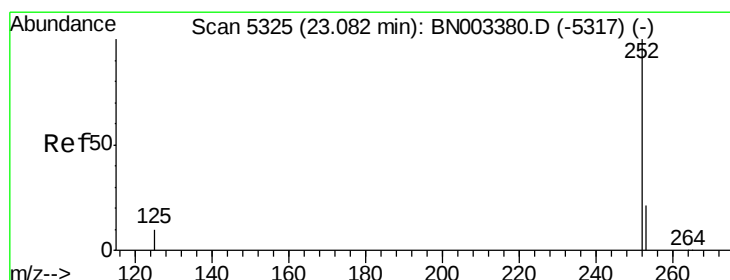
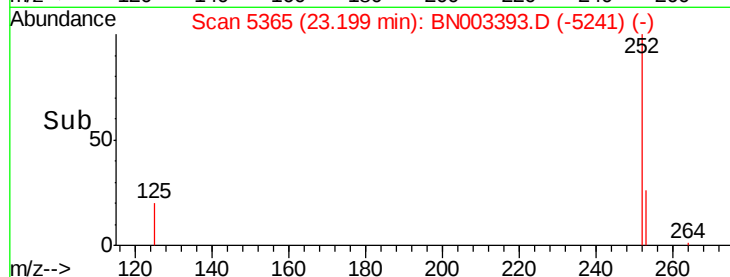
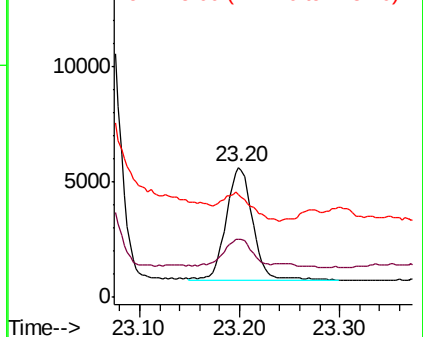
125 78.6 0.0 21.8#



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: 5.677 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.12 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

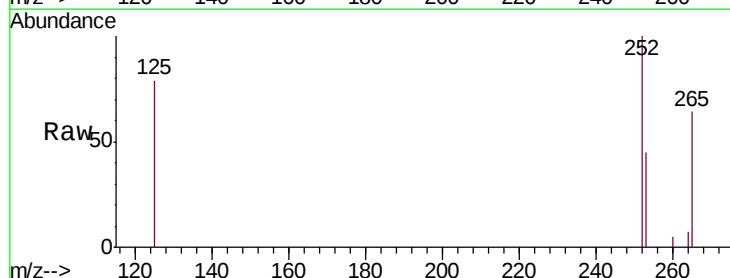
Tgt Ion:252 Resp: 9216

Ion Ratio Lower Upper

252 100

253 44.8 18.2 27.4#

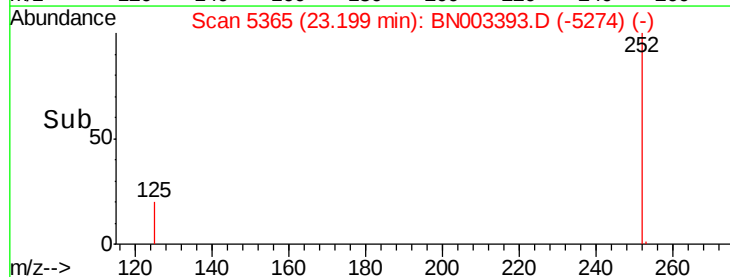
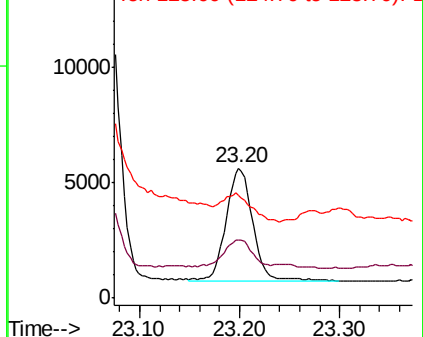
125 78.6 8.6 13.0#

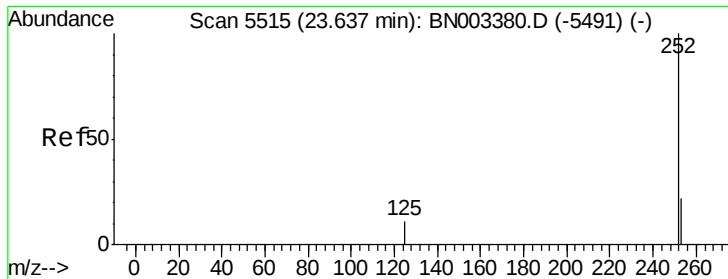


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 7.580 ng/u1

RT: 23.77 min Scan# 5561

Delta R.T. 0.13 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

Instrument :

BNA_N

ClientSampleId :

A40H5

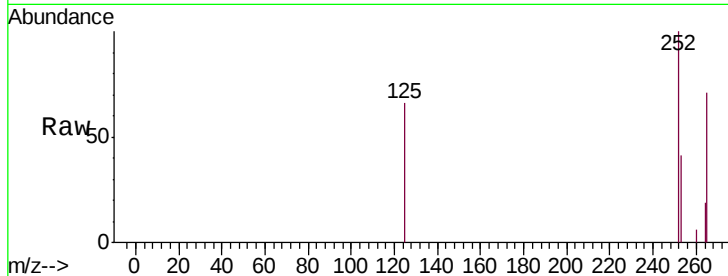
Tgt Ion:252 Resp: 10610

Ion Ratio Lower Upper

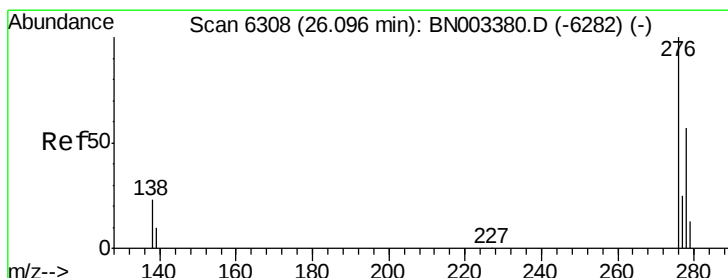
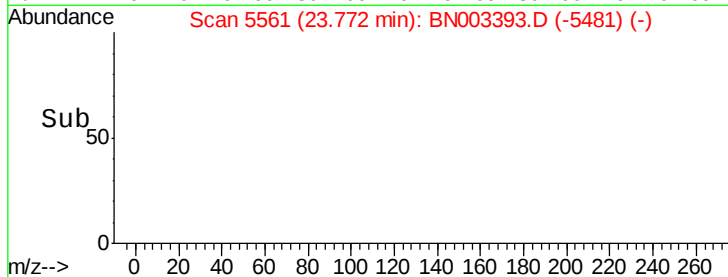
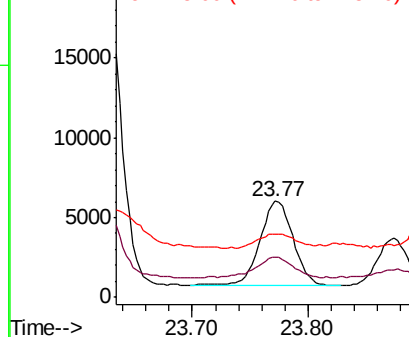
252 100

253 41.2 18.5 27.7#

125 66.2 9.9 14.9#



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: 15.887 ng/u1

RT: 26.08 min Scan# 6303

Delta R.T. -0.02 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

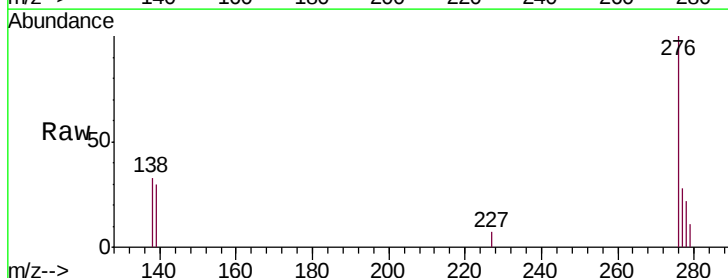
Tgt Ion:276 Resp: 23805

Ion Ratio Lower Upper

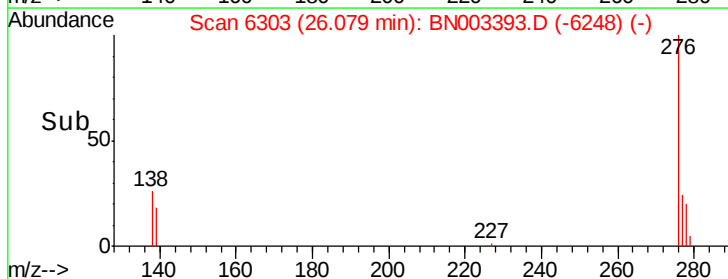
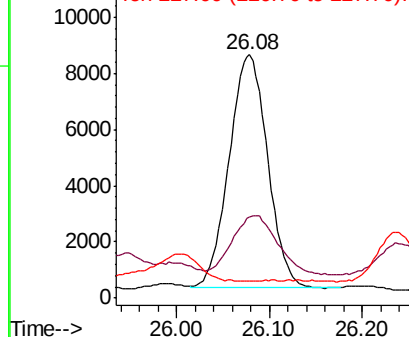
276 100

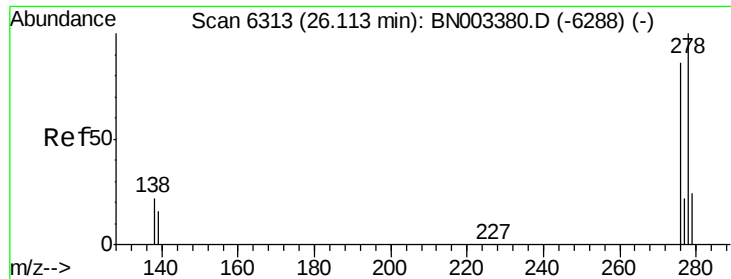
138 29.6 19.8 29.8

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: 1.763 ng/ul

RT: 26.20 min Scan# 6339

Delta R.T. 0.09 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

Instrument :

BNA_N

ClientSampleId :

A40H5

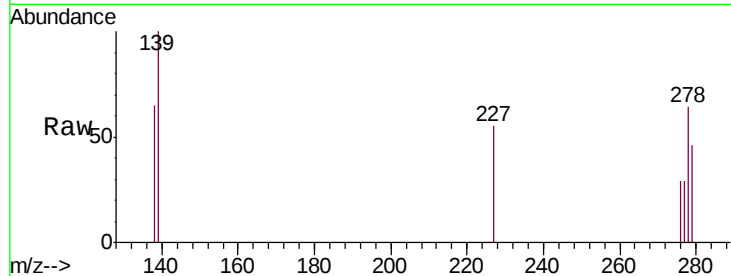
Tgt Ion: 278 Resp: 2153

Ion Ratio Lower Upper

278 100

139 155.6 13.1 19.7#

279 71.3 19.5 29.3#

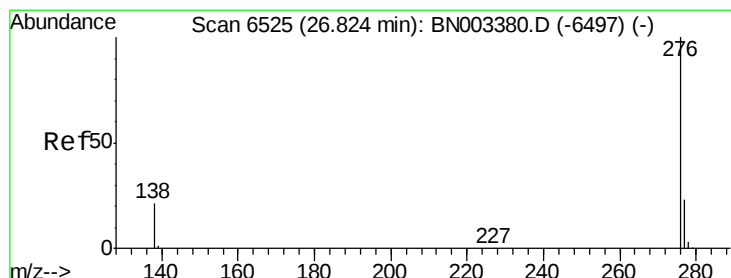
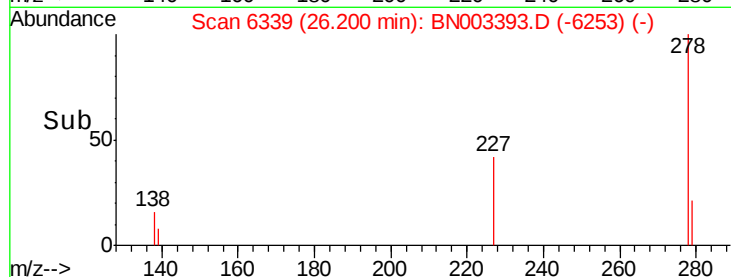
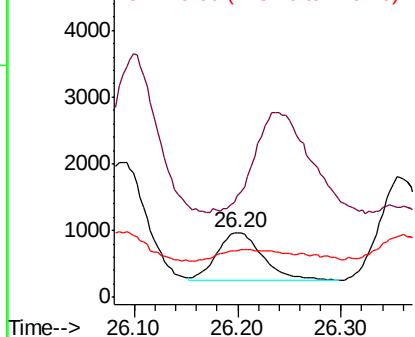


Abundance

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: 0.466 ng/ul

RT: 27.04 min Scan# 6589

Delta R.T. 0.21 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

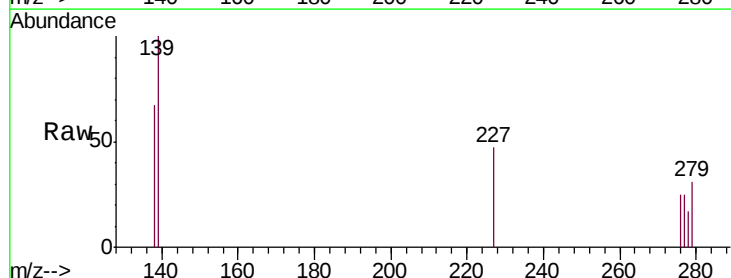
Tgt Ion: 276 Resp: 599

Ion Ratio Lower Upper

276 100

138 272.7 17.0 25.6#

277 100.0 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

