

Data File : BN003398.D
Acq On : 02 Nov 2018 09:02
Operator : MJ/SJ
Sample : J5701-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K4

Quant Time: Nov 02 23:16:28 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 23:13:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9433	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	38616	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	23342	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	55147	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	52901	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	46846	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	7990	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	22445	0.14	ng/ul	0.00

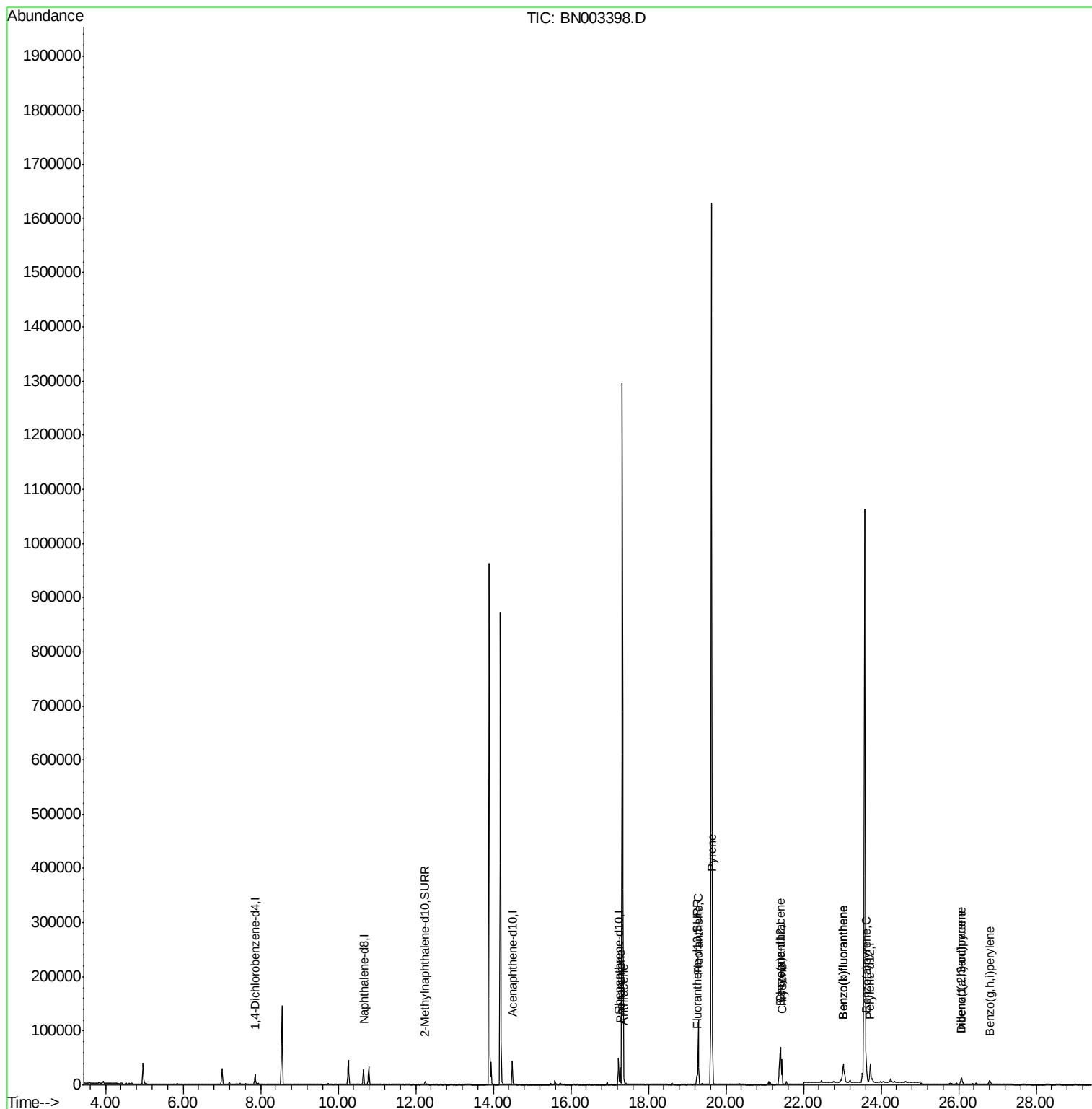
Target Compounds				Qvalue		
12) Phenanthrene	17.27	178	32465	0.180	ng/ul	99
13) Anthracene	17.36	178	6757	0.046	ng/ul	96
15) Fluoranthene	19.29	202	101546	0.500	ng/ul	100
17) Pyrene	19.65	202	89331	0.464	ng/ul	97
18) Benzo(a)anthracene	21.39	228	37229	0.224	ng/ul	98
19) Chrysene	21.45	228	45593	0.242	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	75394	0.373	ng/ul	95
22) Benzo(k)fluoranthene	23.02	252	75394	0.386	ng/ul#	95
23) Benzo(a)pyrene	23.62	252	33486	0.199	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	26.08	276	20808	0.115	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.09	278	5350	0.036	ng/ul#	67
26) Benzo(g,h,i)perylene	26.80	276	16645	0.108	ng/ul	96

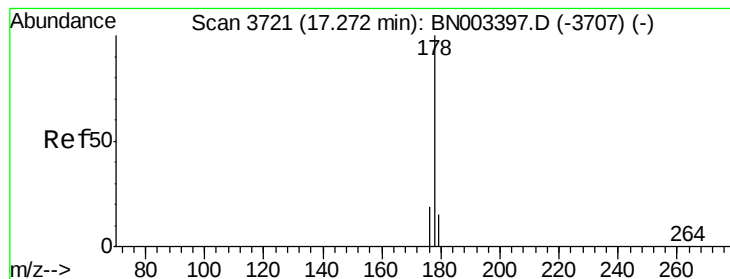
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.180 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

A40K4

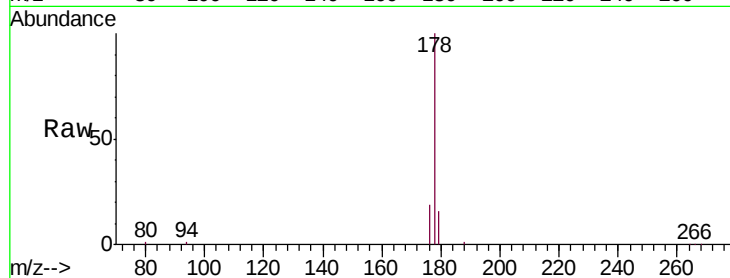
Tgt Ion:178 Resp: 32465

Ion Ratio Lower Upper

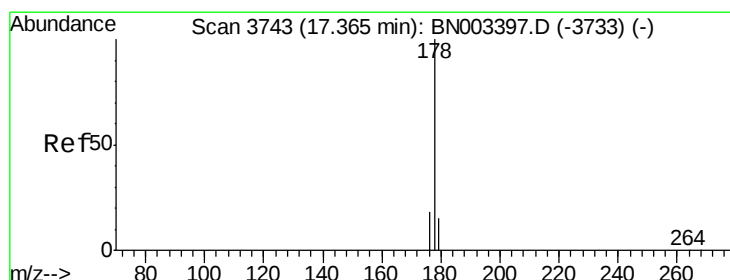
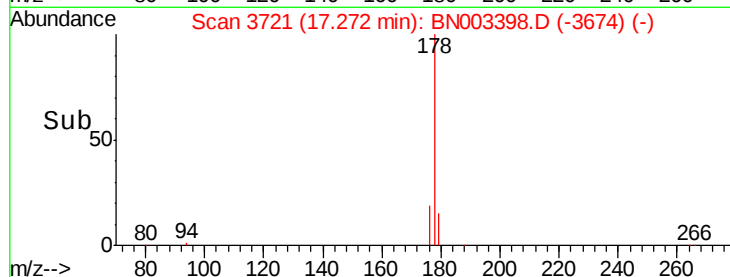
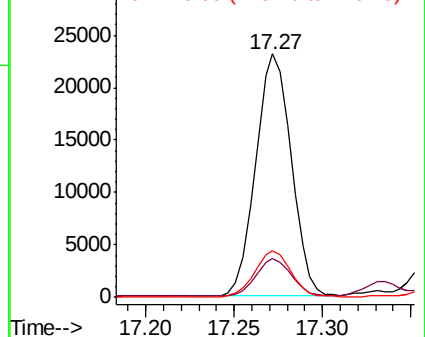
178 100

179 15.8 12.4 18.6

176 19.2 15.0 22.4



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: 0.046 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. 0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

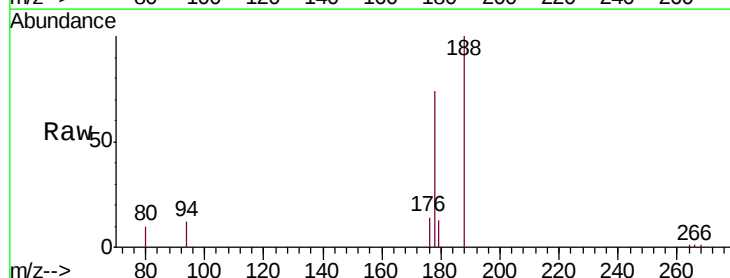
Tgt Ion:178 Resp: 6757

Ion Ratio Lower Upper

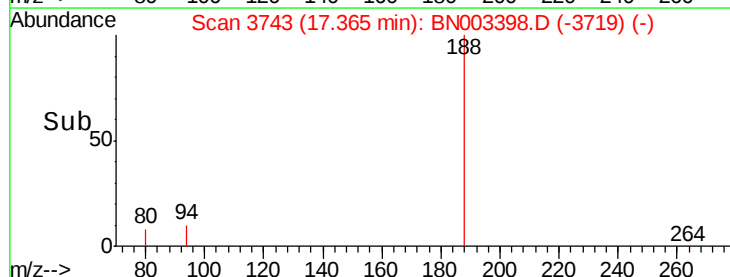
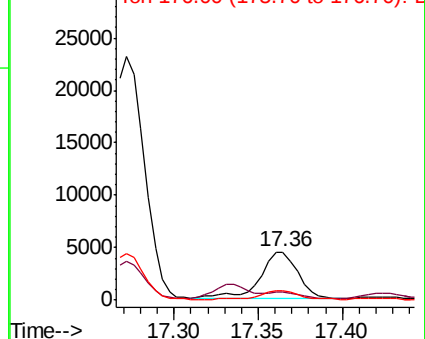
178 100

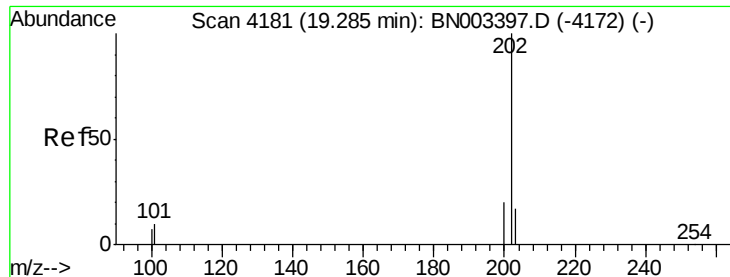
179 17.8 12.2 18.2

176 19.2 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: 0.500 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. 0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

Instrument :

BNA_N

ClientSampleId :

A40K4

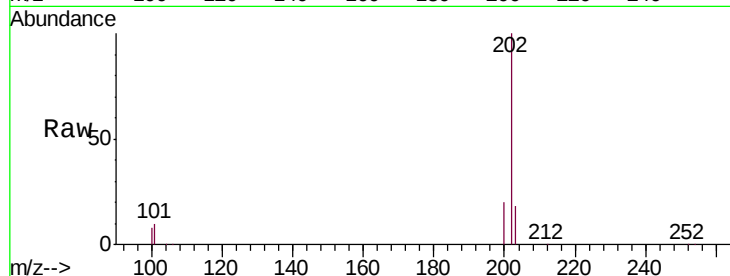
Tgt Ion:202 Resp: 101546

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.7

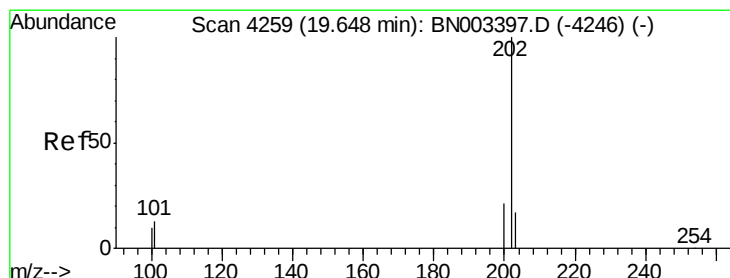
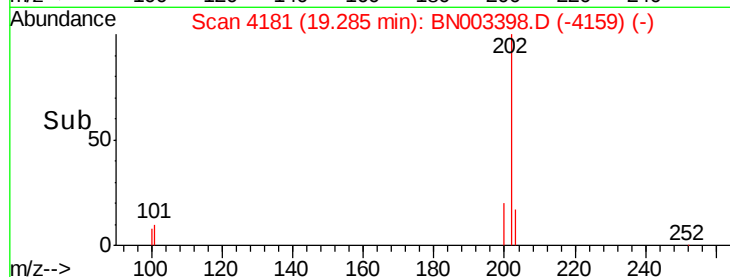
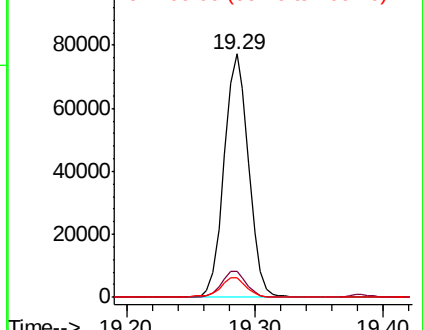
100 7.9 0.0 28.0



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: 0.464 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. 0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

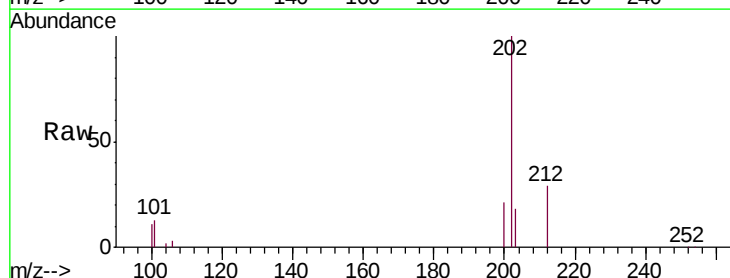
Tgt Ion:202 Resp: 89331

Ion Ratio Lower Upper

202 100

101 12.9 9.5 14.3

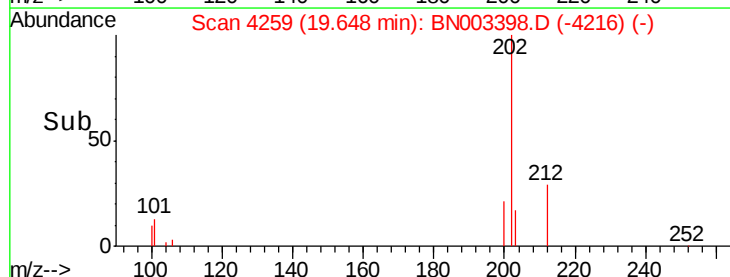
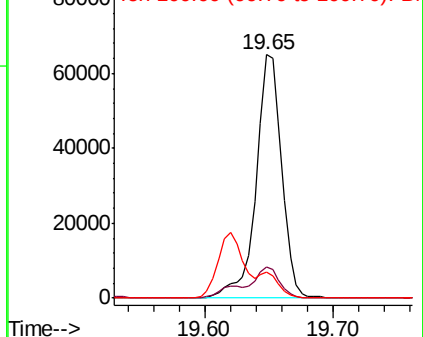
100 10.5 7.5 11.3

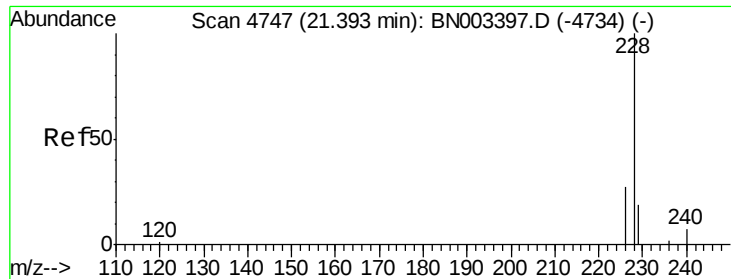


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.224 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. 0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

Instrument :

BNA_N

ClientSampleId :

A40K4

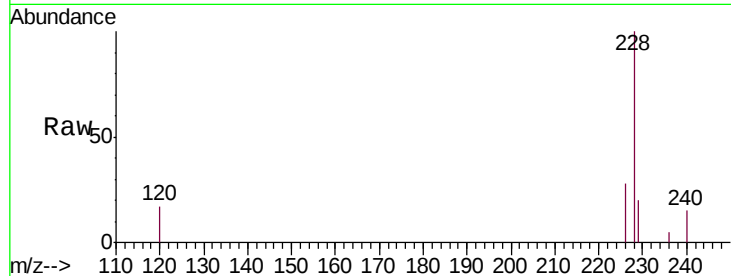
Tgt Ion:228 Resp: 37229

Ion Ratio Lower Upper

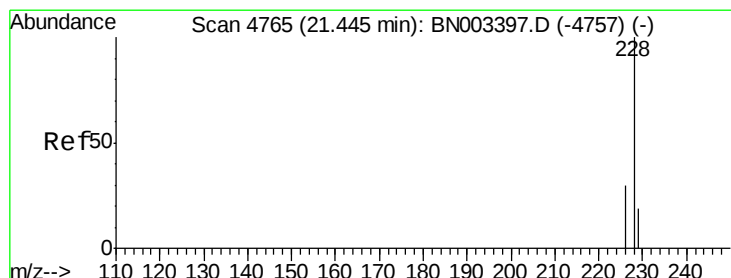
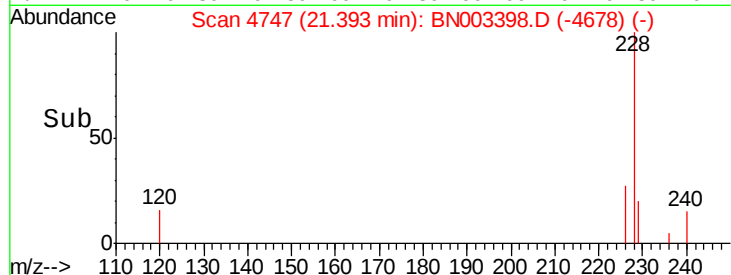
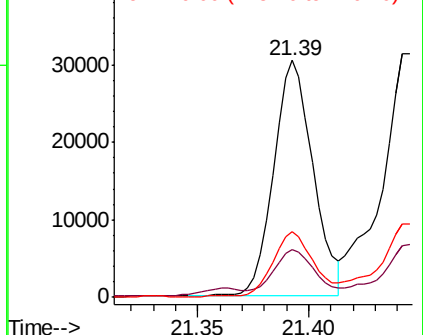
228 100

229 20.3 15.5 23.3

226 27.5 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: 0.242 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. 0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

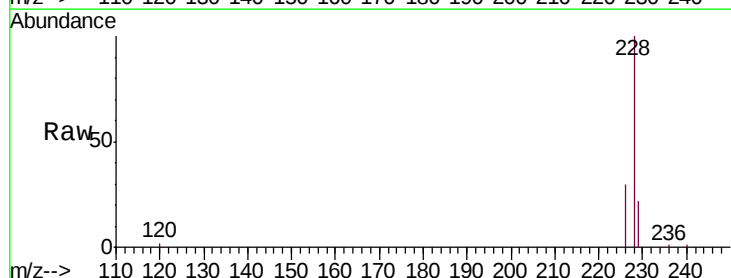
Tgt Ion:228 Resp: 45593

Ion Ratio Lower Upper

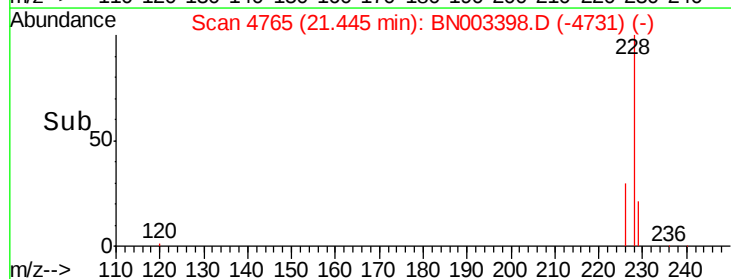
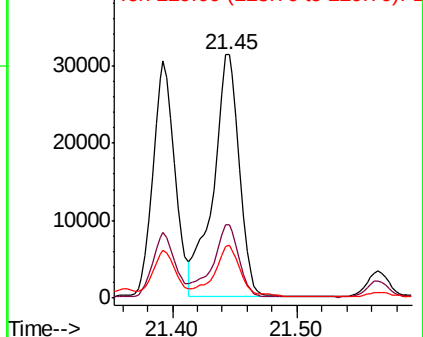
228 100

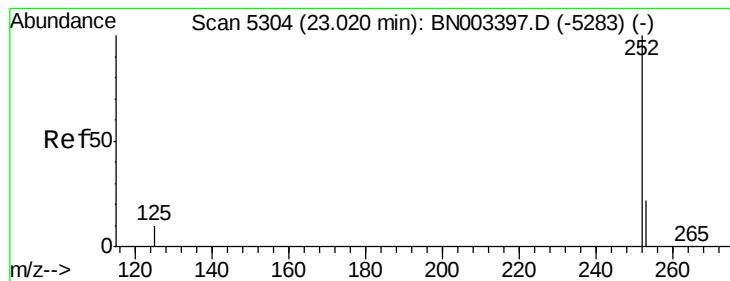
226 29.9 23.8 35.6

229 21.7 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: 0.373 ng/u1

RT: 23.02 min Scan# 5305

Delta R.T. 0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

Instrument :

BNA_N

ClientSampleId :

A40K4

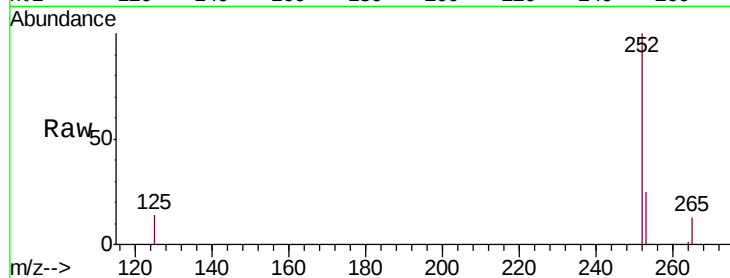
Tgt Ion:252 Resp: 75394

Ion Ratio Lower Upper

252 100

253 24.7 0.0 45.6

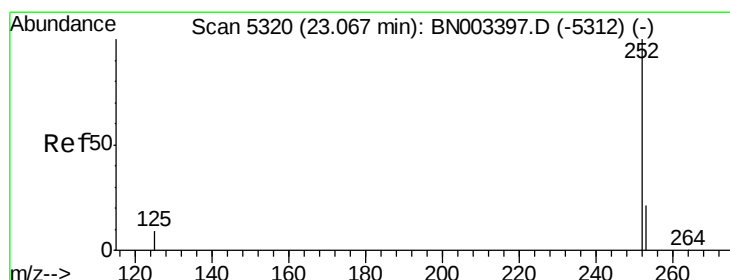
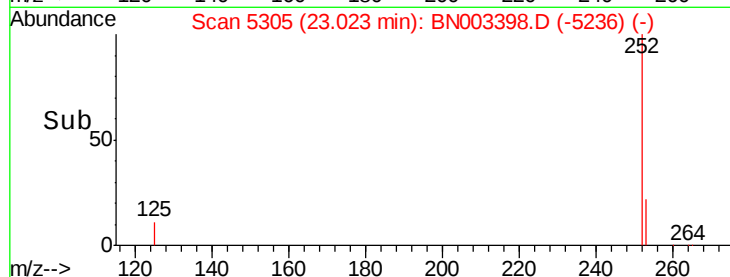
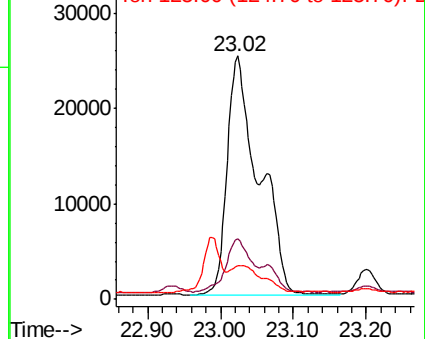
125 14.0 0.0 21.8



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: 0.386 ng/u1

RT: 23.02 min Scan# 5305

Delta R.T. -0.04 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

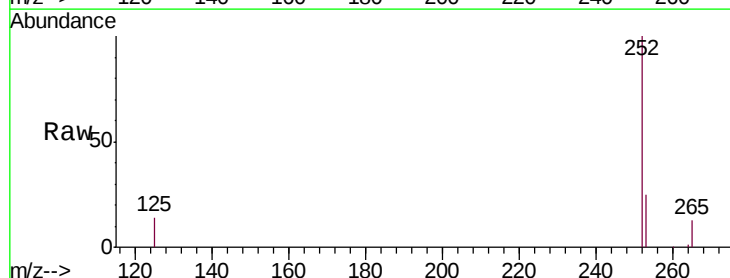
Tgt Ion:252 Resp: 75394

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.4

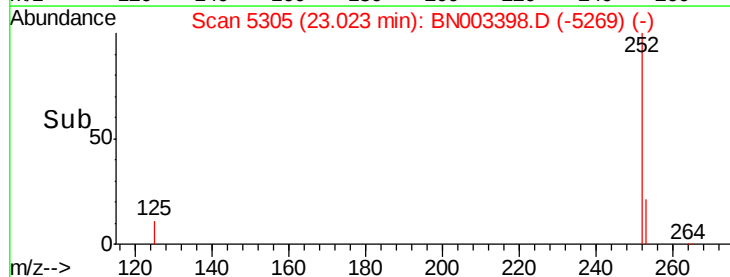
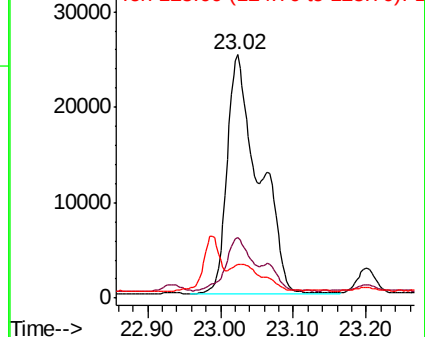
125 14.0 8.6 13.0#

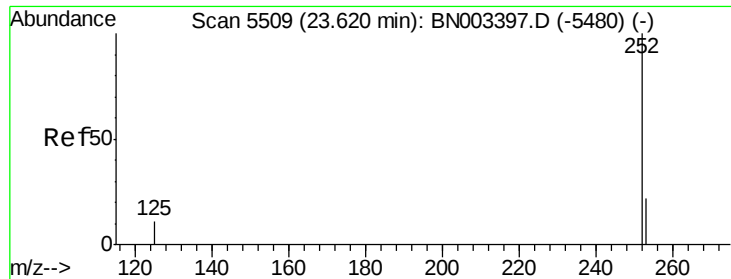


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.199 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

Instrument :

BNA_N

ClientSampleId :

A40K4

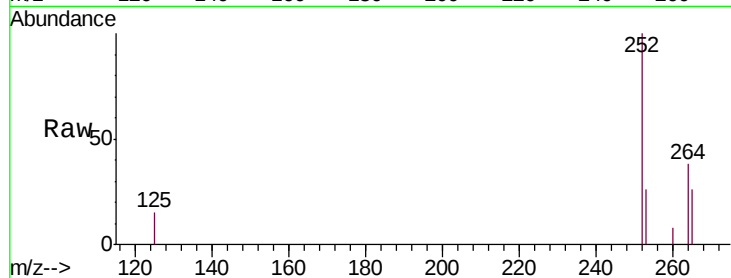
Tgt Ion:252 Resp: 33486

Ion Ratio Lower Upper

252 100

253 25.5 18.5 27.7

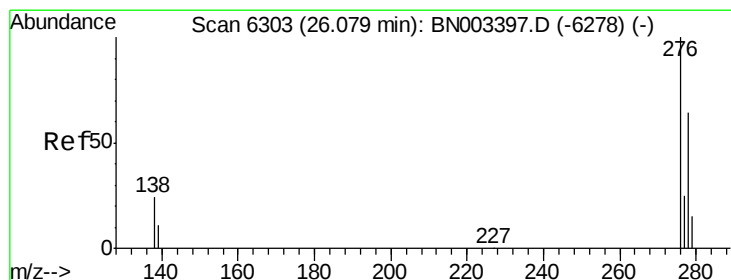
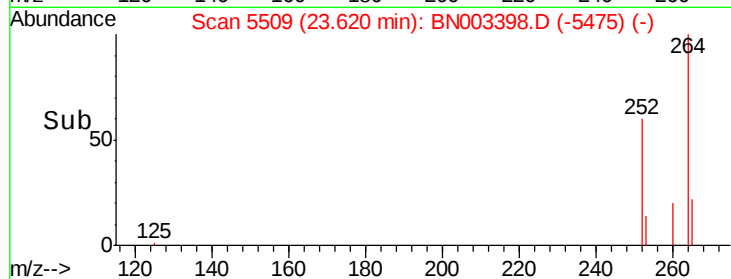
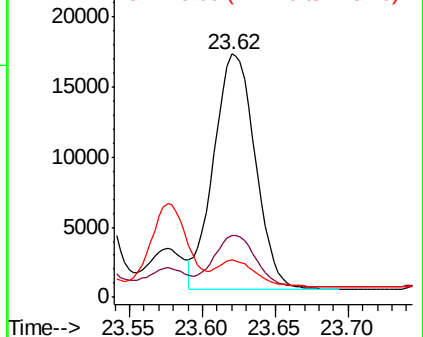
125 15.2 9.9 14.9#



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: 0.115 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. -0.00 min

Lab File: BN003398.D

Acq: 02 Nov 2018 09:02

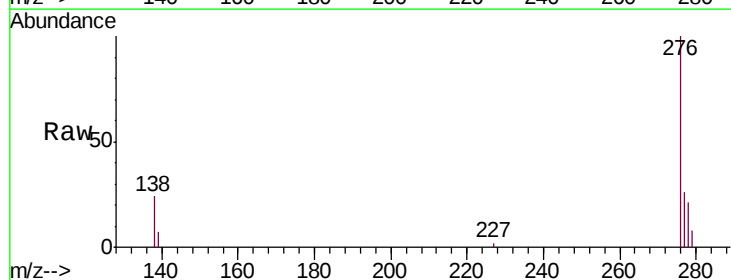
Tgt Ion:276 Resp: 20808

Ion Ratio Lower Upper

276 100

138 23.2 19.8 29.8

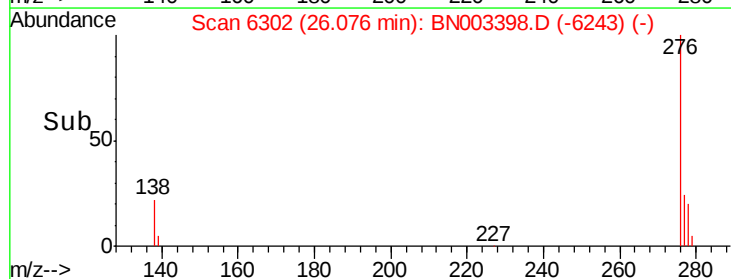
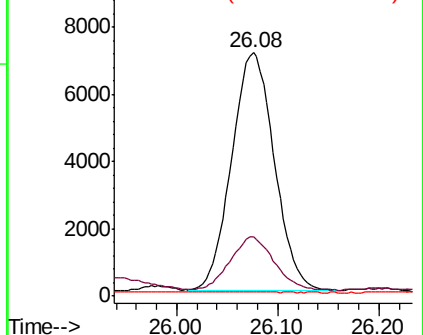
227 0.1 0.2 0.2#

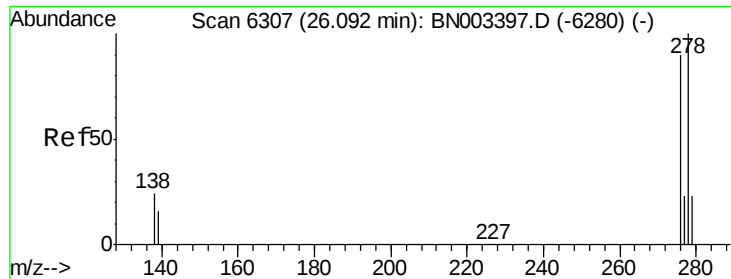


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

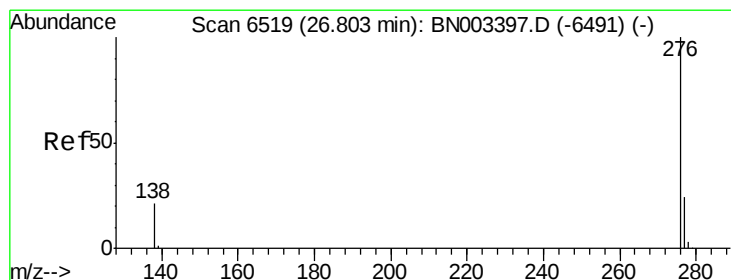
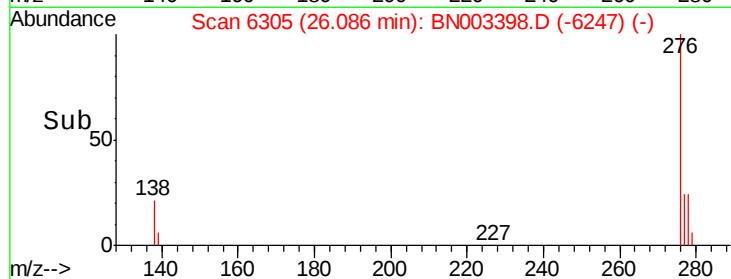
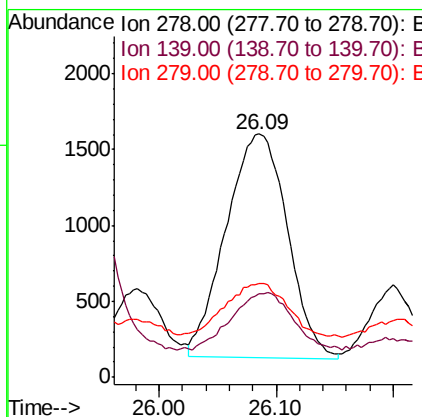
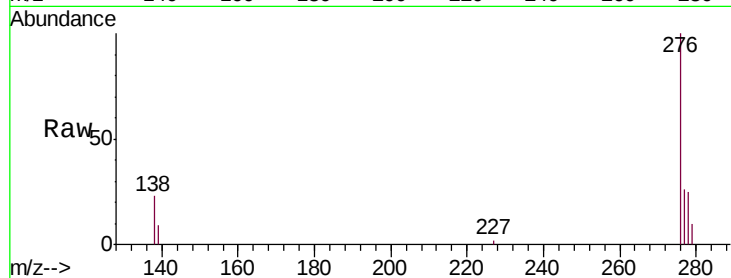




#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/u1
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN003398.D
Acq: 02 Nov 2018 09:02

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 278 Resp: 5350
Ion Ratio Lower Upper
278 100
139 34.1 13.1 19.7#
279 38.3 19.5 29.3#



#26
Benzo(g,h,i)perylene
Concen: 0.108 ng/u1
RT: 26.80 min Scan# 6519
Delta R.T. 0.00 min
Lab File: BN003398.D
Acq: 02 Nov 2018 09:02

Tgt Ion: 276 Resp: 16645
Ion Ratio Lower Upper
276 100
138 23.2 17.0 25.6
277 25.9 19.2 28.8

