

Data File : BN005669.D
Acq On : 14 May 2019 01:27
Operator : JU/SJ
Sample : PB119604BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK04

Quant Time: May 14 07:18:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	10285	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	51821	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	37174	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	98718	0.40	ng/ul	-0.01
16) Chrysene-d12	21.21	240	98072	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	102562	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2745	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	9122	0.03	ng/ul	0.00

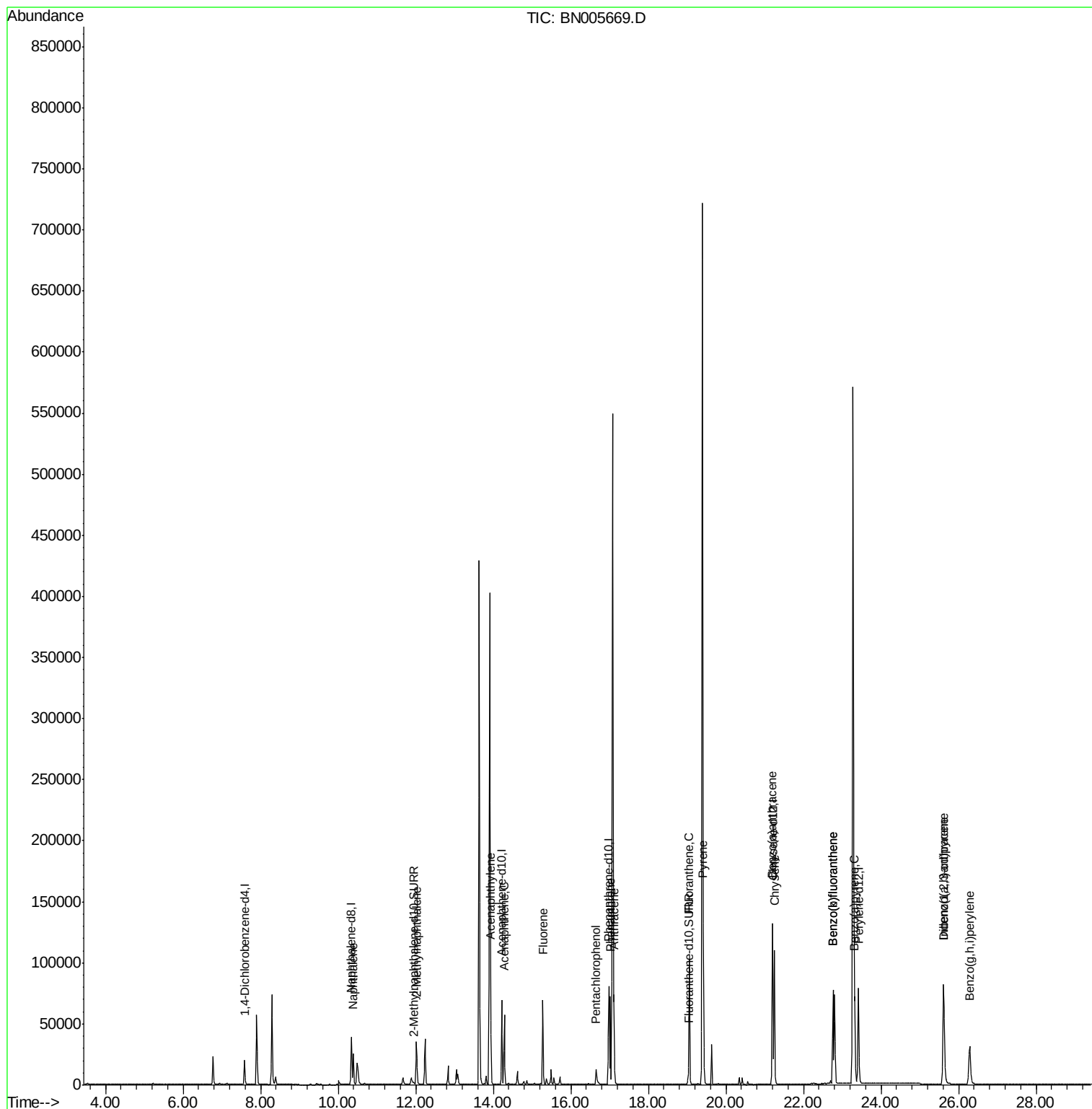
Target Compounds					Qvalue
3) Naphthalene	10.39	128	33439	0.244	ng/ul 96
5) 2-Methylnaphthalene	12.02	142	27689	0.296	ng/ul 97
7) Acenaphthylene	13.94	152	50671	0.271	ng/ul 97
8) Acenaphthene	14.28	153	32582	0.246	ng/ul 97
9) Fluorene	15.28	166	42721	0.276	ng/ul 98
11) Pentachlorophenol	16.65	266	14550	0.569	ng/ul 92
12) Phenanthrene	17.01	178	73456	0.273	ng/ul 99
13) Anthracene	17.11	178	75201	0.280	ng/ul 98
15) Fluoranthene	19.05	202	94666	0.254	ng/ul 96
17) Pyrene	19.42	202	98762	0.273	ng/ul 96
18) Benzo(a)anthracene	21.19	228	95002	0.281	ng/ul 99
19) Chrysene	21.25	228	95438	0.230	ng/ul 99
21) Benzo(b)fluoranthene	22.76	252	96163	0.312	ng/ul 95
22) Benzo(k)fluoranthene	22.76	252	96184	0.249	ng/ul 96
23) Benzo(a)pyrene	23.32	252	93378	0.271	ng/ul# 93
24) Indeno(1,2,3-cd)pyrene	25.61	276	94781	0.246	ng/ul# 95
25) Dibenzo(a,h)anthracene	25.61	278	78567	0.247	ng/ul 95
26) Benzo(g,h,i)perylene	26.29	276	76051	0.231	ng/ul 94

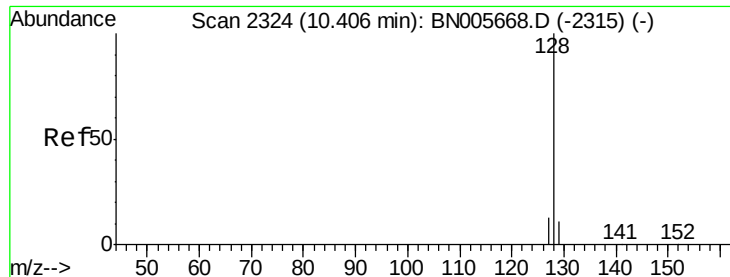
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN005669.D
Acq On : 14 May 2019 01:27
Operator : JU/SJ
Sample : PB119604BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK04

Quant Time: May 14 07:18:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.244 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

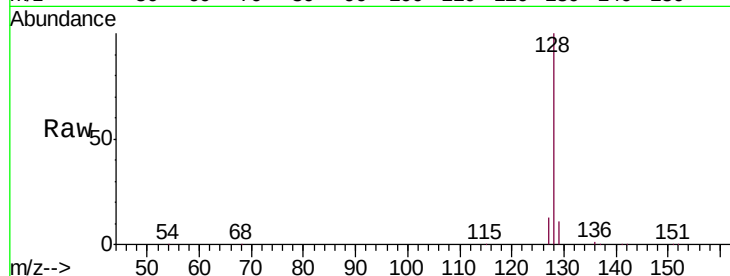
Tgt Ion:128 Resp: 33439

Ion Ratio Lower Upper

128 100

129 11.2 10.2 15.2

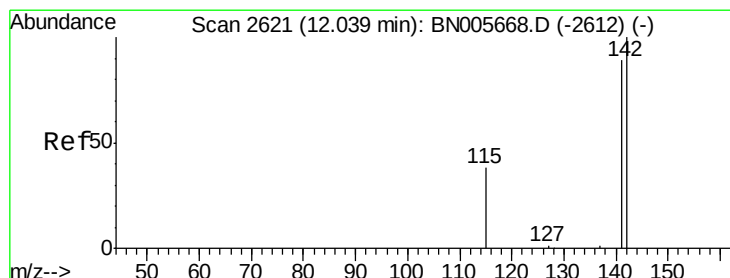
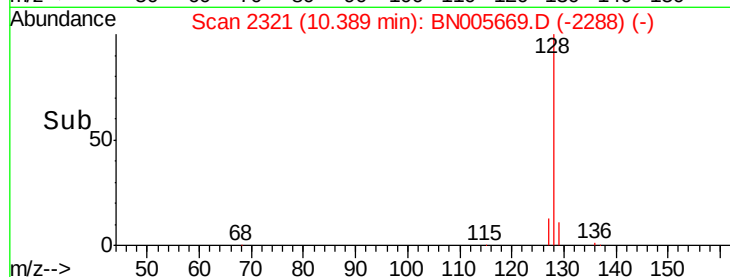
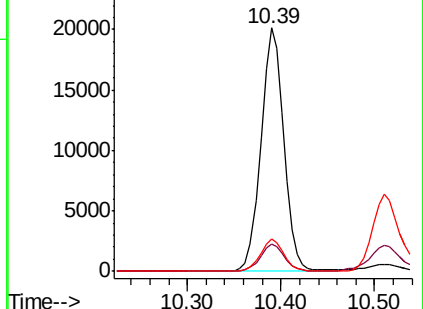
127 13.2 11.8 17.8



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: 0.296 ng/ul

RT: 12.02 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BN005669.D

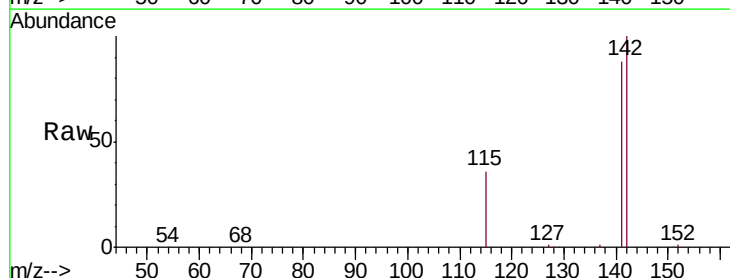
Acq: 14 May 2019 01:27

Tgt Ion:142 Resp: 27689

Ion Ratio Lower Upper

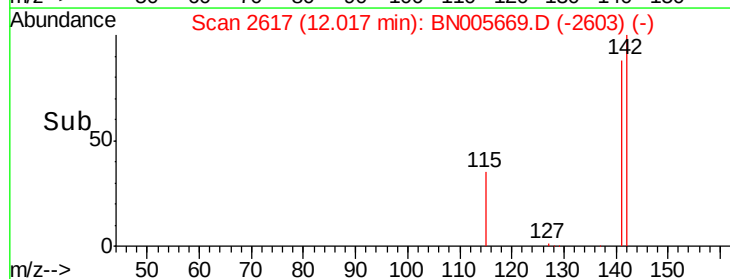
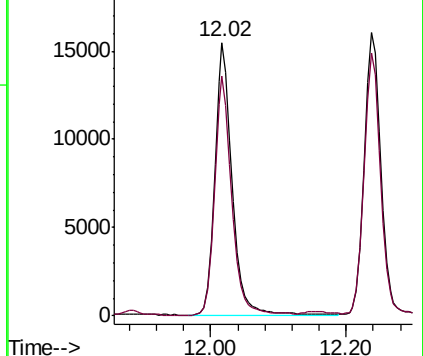
142 100

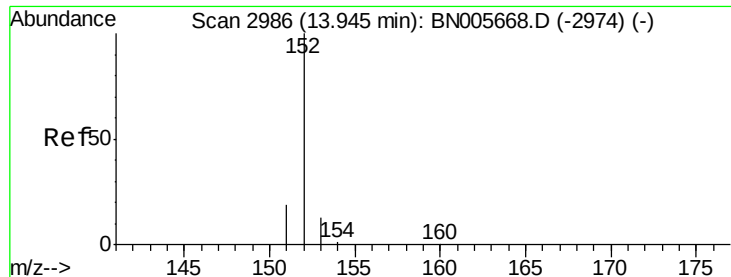
141 87.7 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.271 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

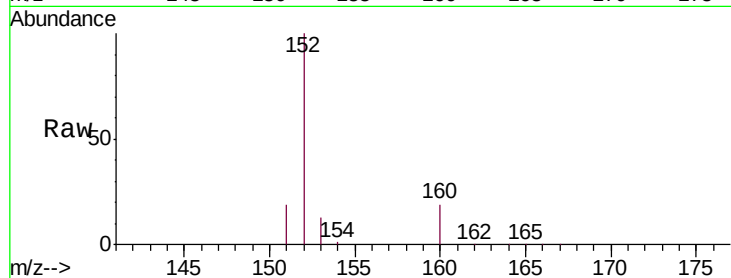
Tgt Ion:152 Resp: 50671

Ion Ratio Lower Upper

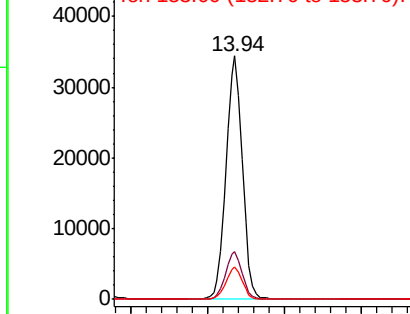
152 100

151 19.4 16.7 25.1

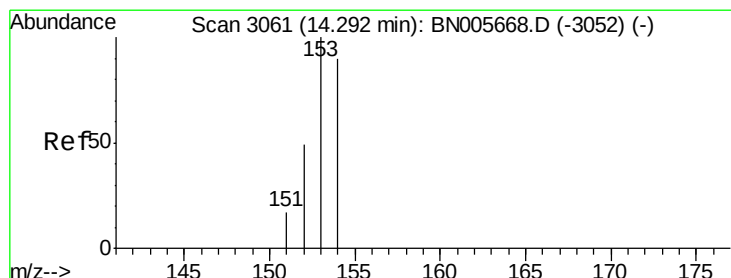
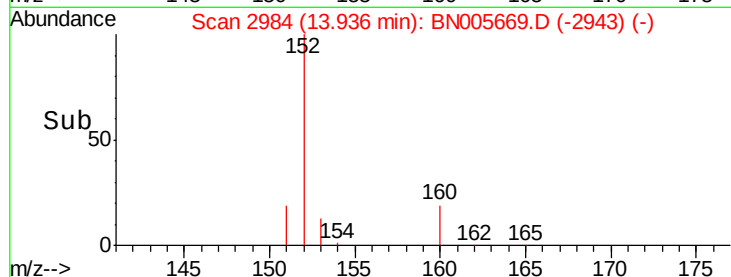
153 13.2 11.6 17.4



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



Time--> 13.80 13.90 14.00 14.10



#8

Acenaphthene

Concen: 0.246 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

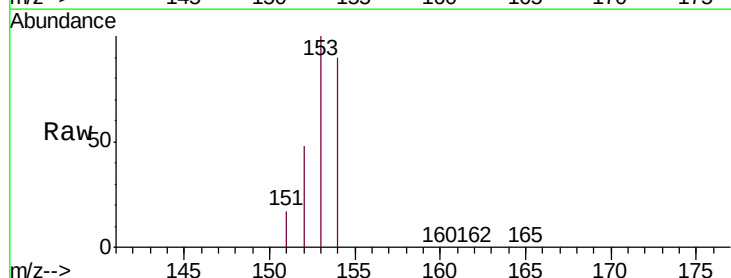
Tgt Ion:153 Resp: 32582

Ion Ratio Lower Upper

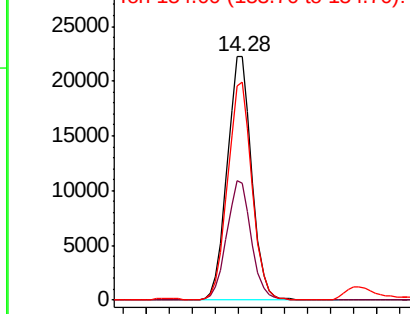
153 100

152 48.1 40.8 61.2

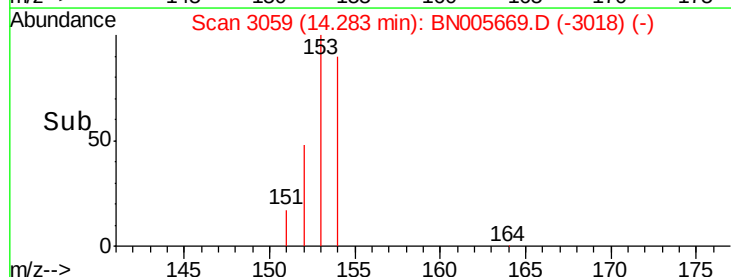
154 89.7 73.2 109.8

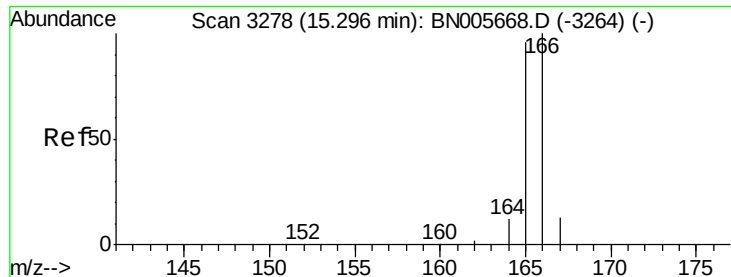


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.20 14.30 14.40





#9

Fluorene

Concen: 0.276 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

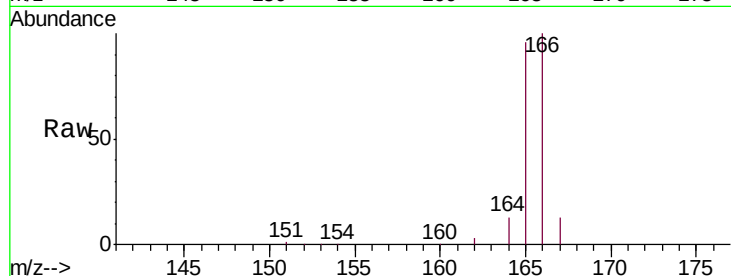
Tgt Ion:166 Resp: 42721

Ion Ratio Lower Upper

166 100

165 95.9 78.0 117.0

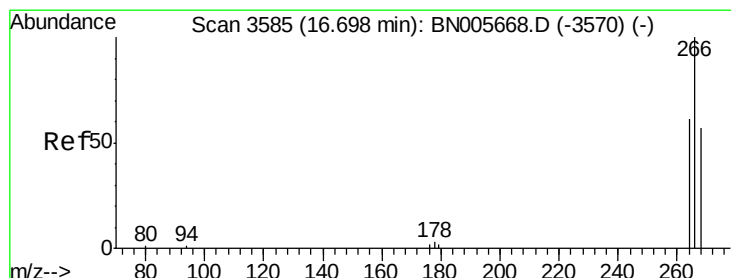
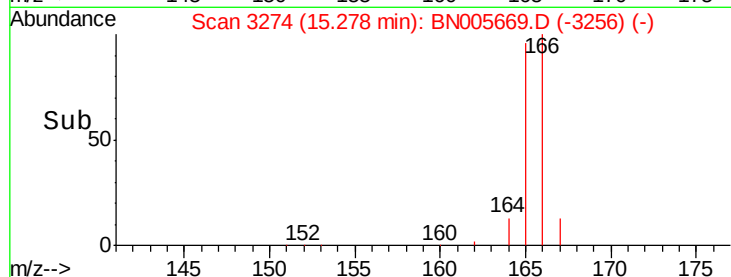
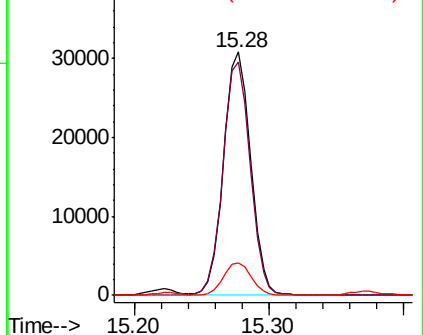
167 13.4 12.2 18.4



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



#11

Pentachlorophenol

Concen: 0.569 ng/ul

RT: 16.65 min Scan# 3574

Delta R.T. -0.05 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

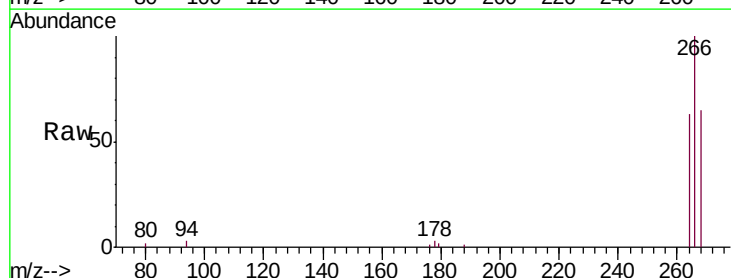
Tgt Ion:266 Resp: 14550

Ion Ratio Lower Upper

266 100

264 62.9 55.3 82.9

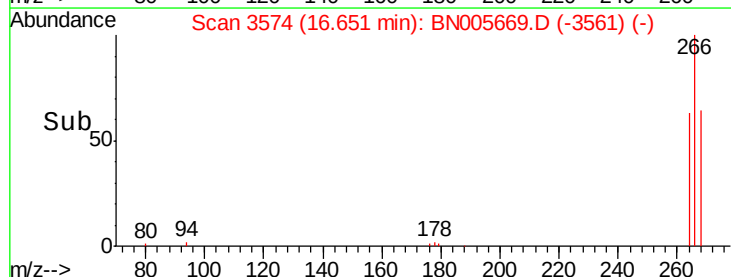
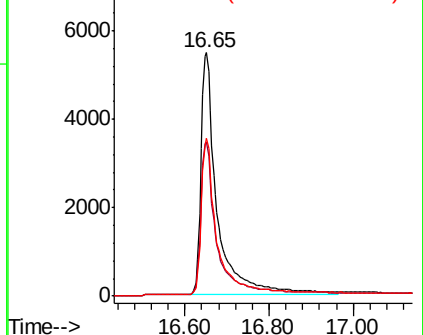
268 64.0 56.7 85.1

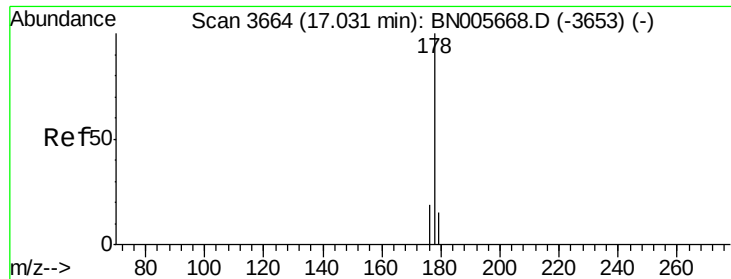


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.273 ng/ul

RT: 17.01 min Scan# 3660

Delta R.T. -0.02 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

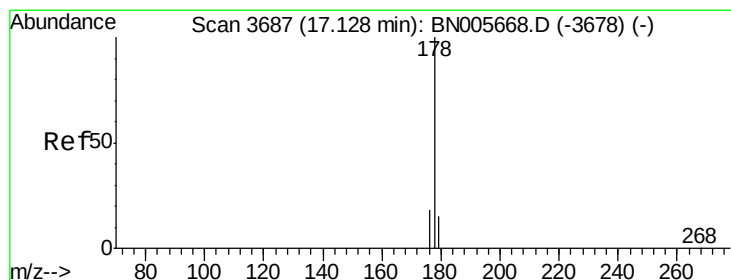
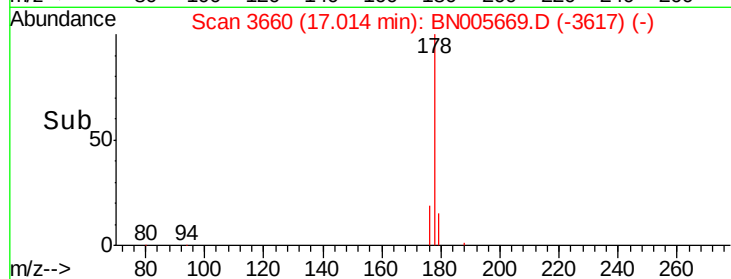
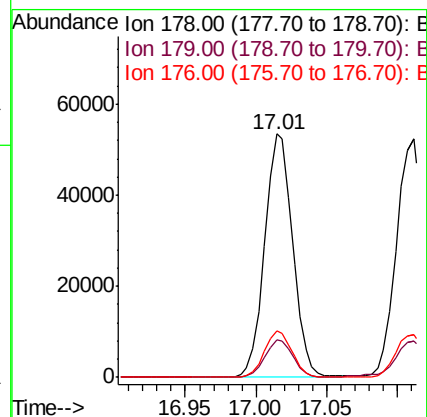
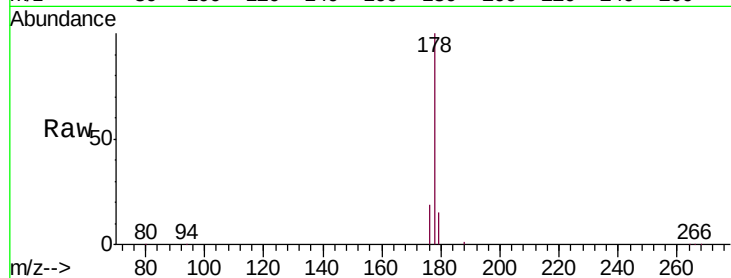
Tgt Ion:178 Resp: 73456

Ion Ratio Lower Upper

178 100

179 15.4 12.8 19.2

176 19.1 15.3 22.9



#13

Anthracene

Concen: 0.280 ng/ul

RT: 17.11 min Scan# 3683

Delta R.T. -0.02 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

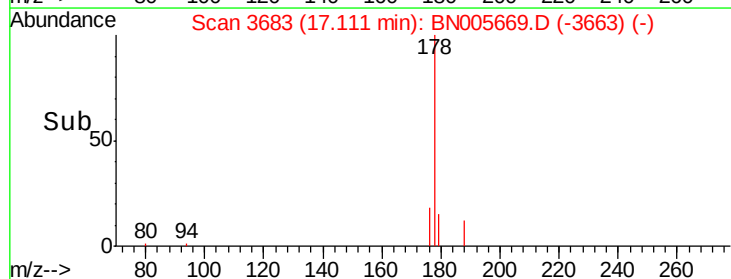
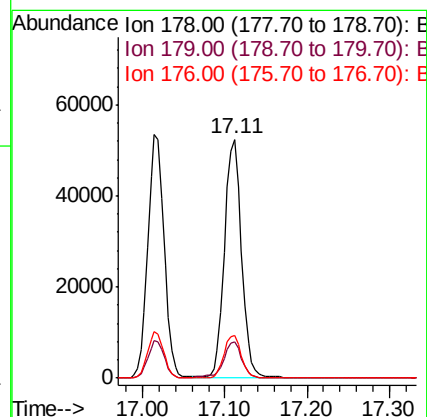
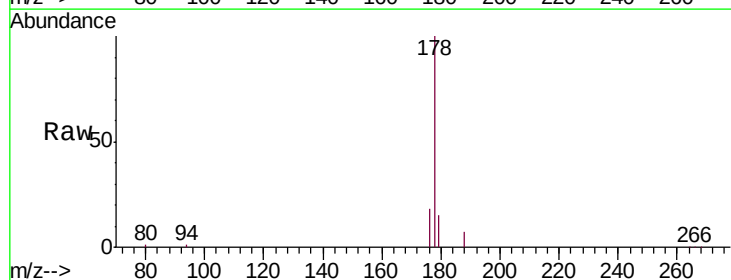
Tgt Ion:178 Resp: 75201

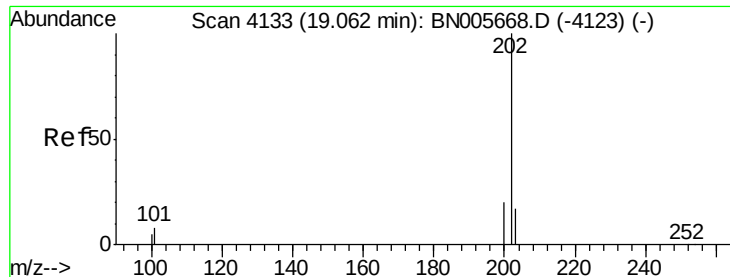
Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

176 18.1 15.1 22.7





#15

Fluoranthene

Concen: 0.254 ng/ul

RT: 19.05 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

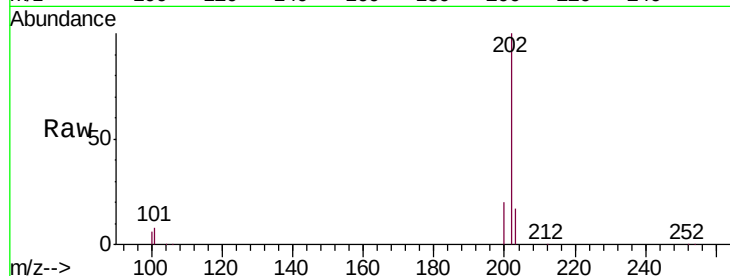
Tgt Ion:202 Resp: 94666

Ion Ratio Lower Upper

202 100

101 7.8 0.0 29.4

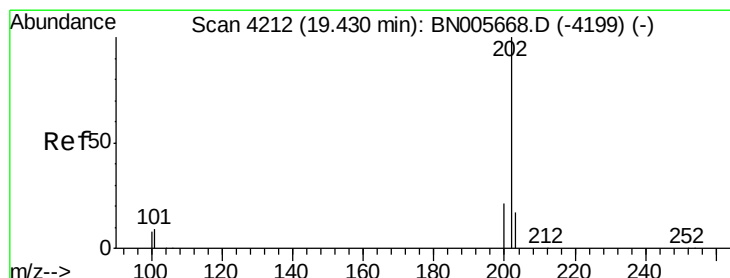
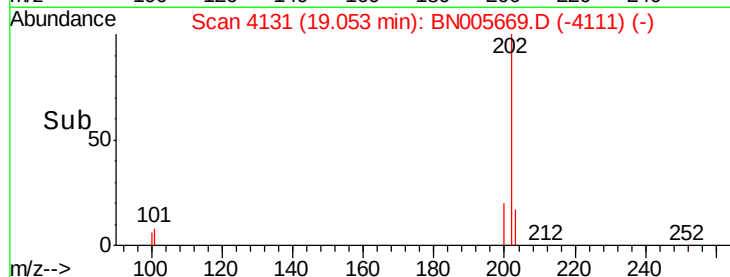
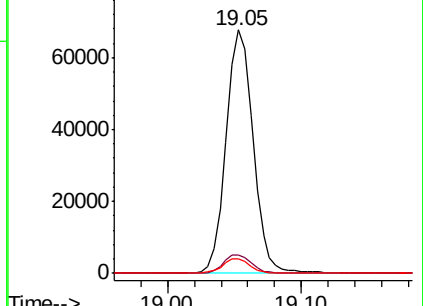
100 6.0 0.0 27.1



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



#17

Pyrene

Concen: 0.273 ng/ul

RT: 19.42 min Scan# 4210

Delta R.T. -0.01 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

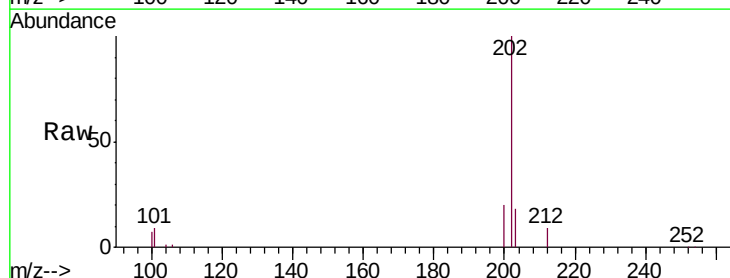
Tgt Ion:202 Resp: 98762

Ion Ratio Lower Upper

202 100

101 8.9 8.5 12.7

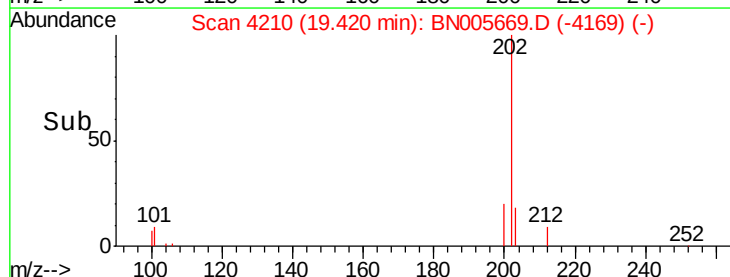
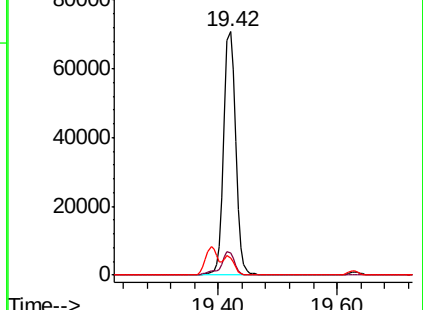
100 7.2 6.9 10.3

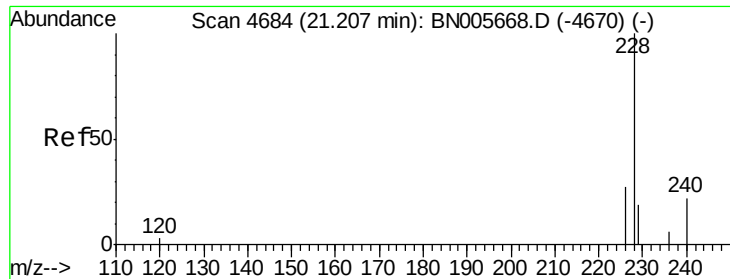


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.281 ng/ul

RT: 21.19 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

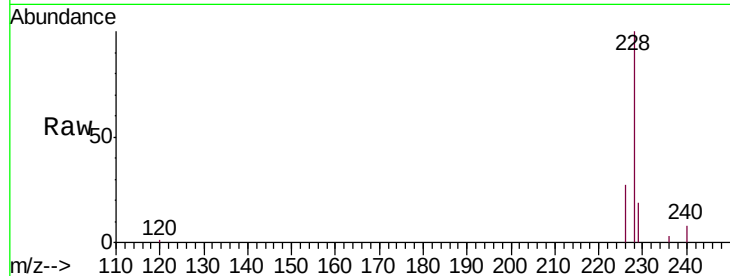
Tgt Ion:228 Resp: 95002

Ion Ratio Lower Upper

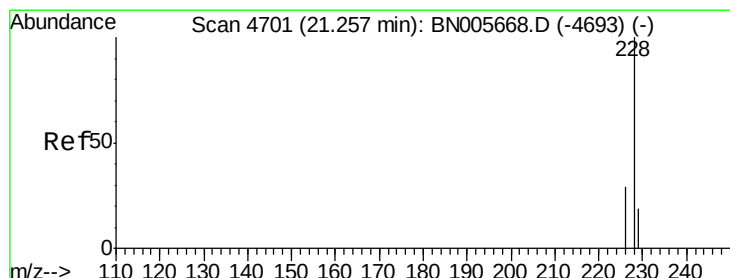
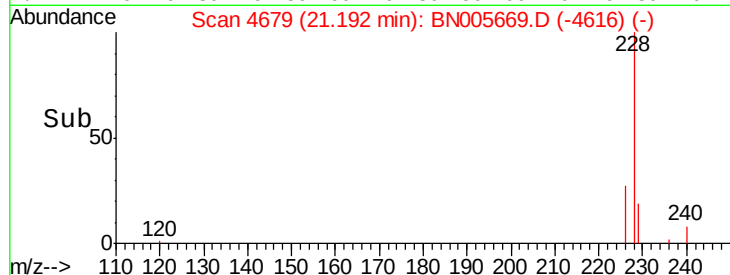
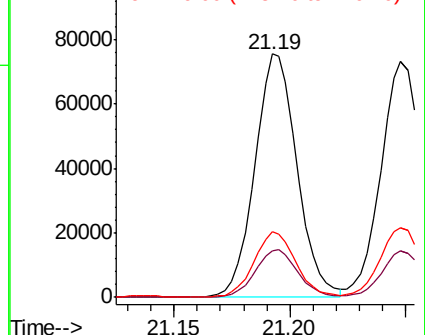
228 100

229 19.3 15.8 23.8

226 27.0 21.7 32.5



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: 0.230 ng/ul

RT: 21.25 min Scan# 4698

Delta R.T. -0.01 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

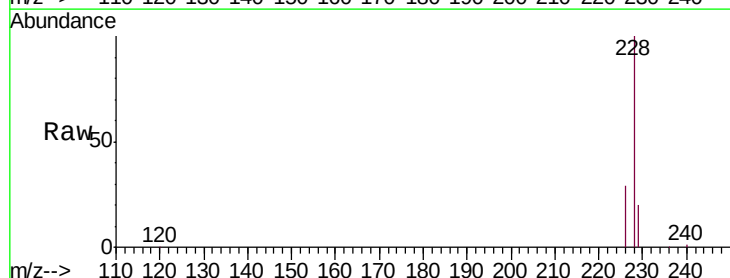
Tgt Ion:228 Resp: 95438

Ion Ratio Lower Upper

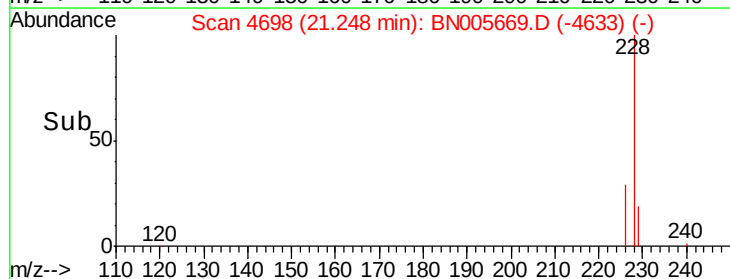
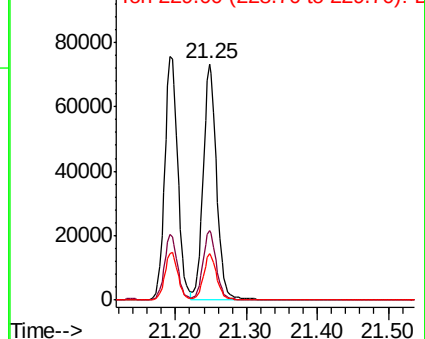
228 100

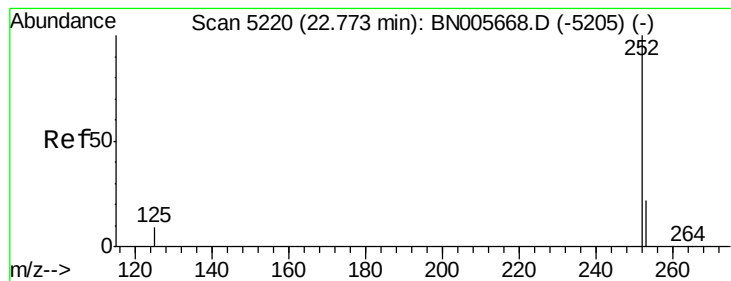
226 29.4 23.2 34.8

229 19.5 16.0 24.0



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: 0.312 ng/ul

RT: 22.76 min Scan# 5215

Delta R.T. -0.01 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

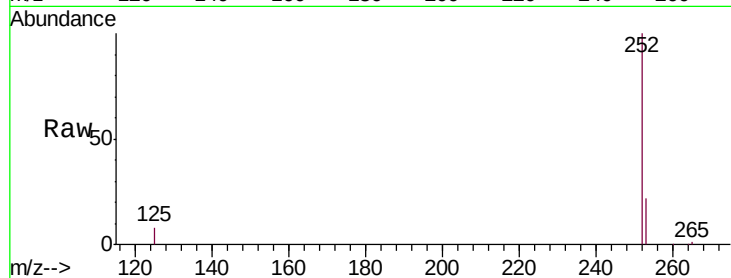
Tgt Ion:252 Resp: 96163

Ion Ratio Lower Upper

252 100

253 21.9 0.0 47.6

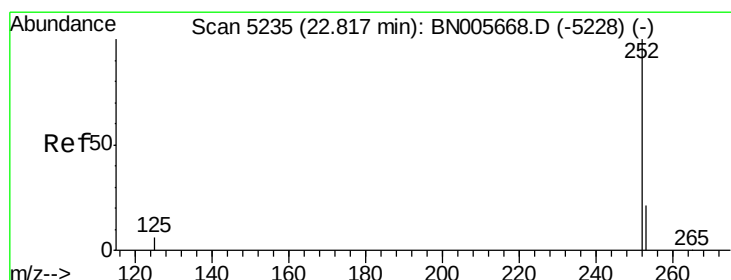
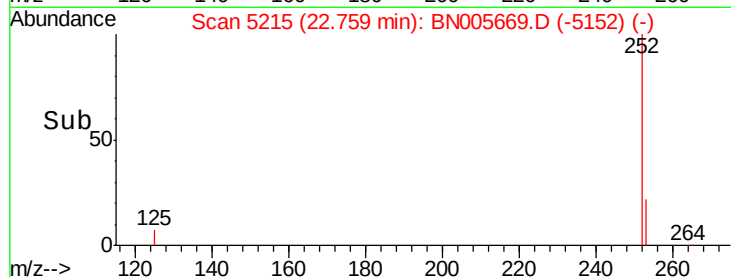
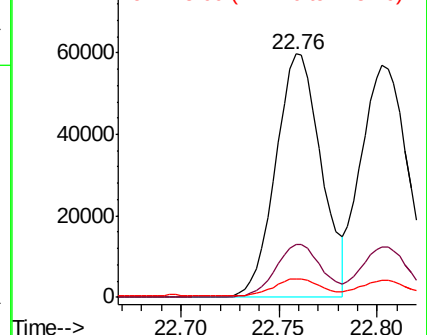
125 7.7 0.0 20.8



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: 0.249 ng/ul

RT: 22.76 min Scan# 5215

Delta R.T. -0.06 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

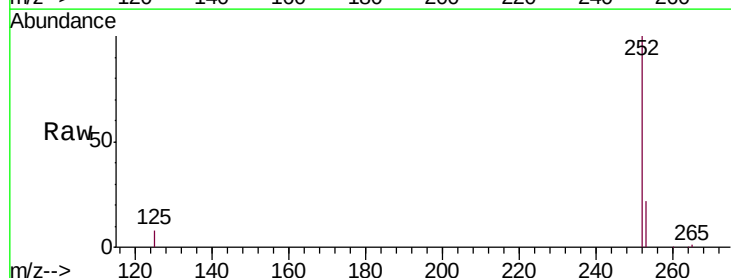
Tgt Ion:252 Resp: 96184

Ion Ratio Lower Upper

252 100

253 21.9 18.8 28.2

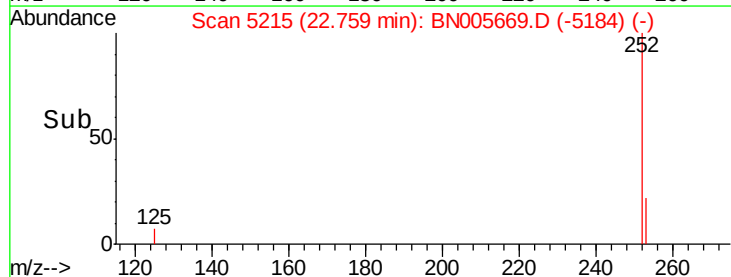
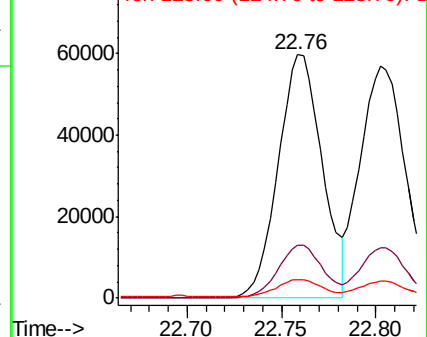
125 7.7 7.6 11.4

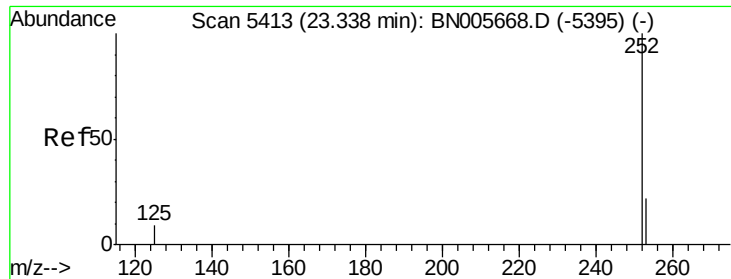


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.271 ng/ul

RT: 23.32 min Scan# 5407

Delta R.T. -0.02 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

Instrument :

BNA_N

ClientSampleId :

SBLK04

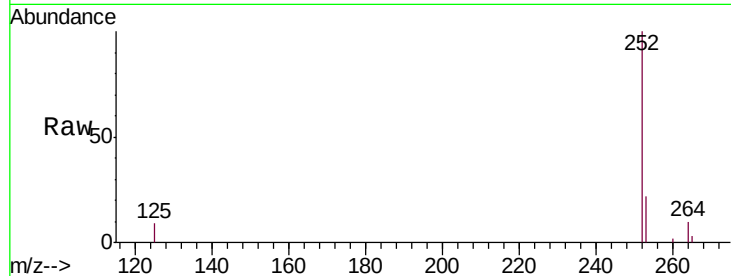
Tgt Ion: 252 Resp: 93378

Ion Ratio Lower Upper

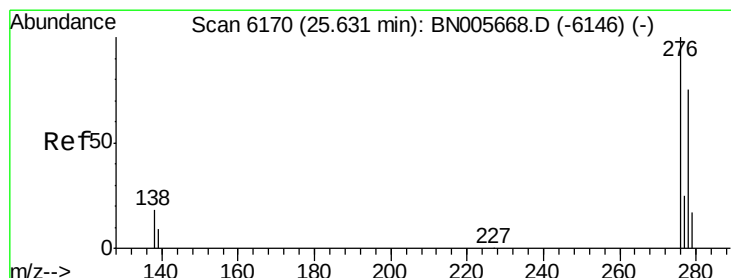
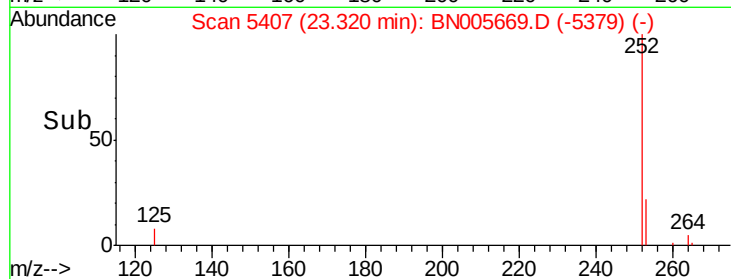
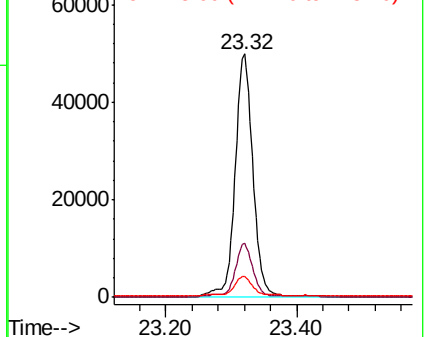
252 100

253 22.1 19.6 29.4

125 8.6 10.1 15.1#



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: 0.246 ng/ul

RT: 25.61 min Scan# 6164

Delta R.T. -0.02 min

Lab File: BN005669.D

Acq: 14 May 2019 01:27

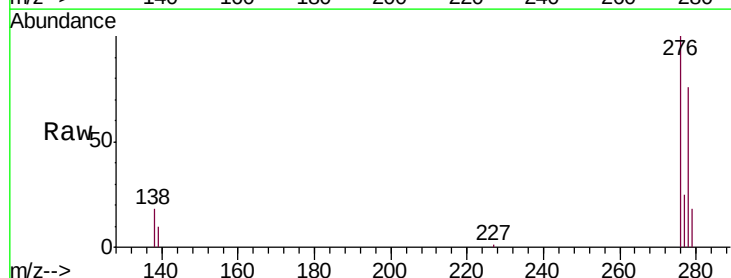
Tgt Ion: 276 Resp: 94781

Ion Ratio Lower Upper

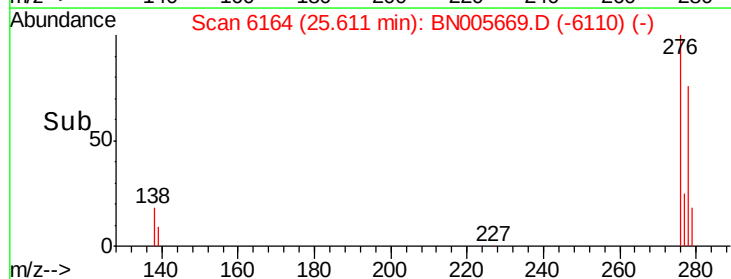
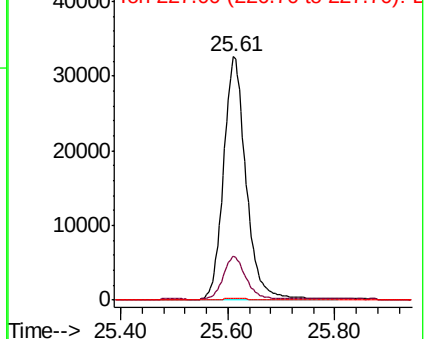
276 100

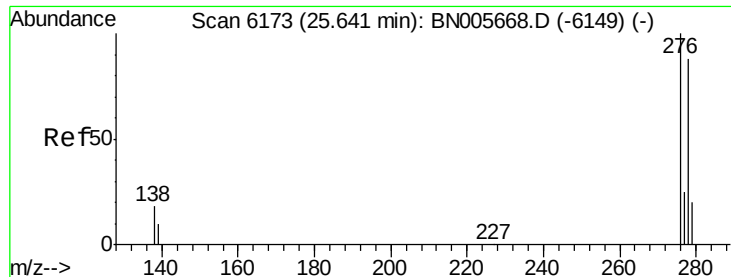
138 17.6 15.8 23.8

227 0.2 0.1 0.1#



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

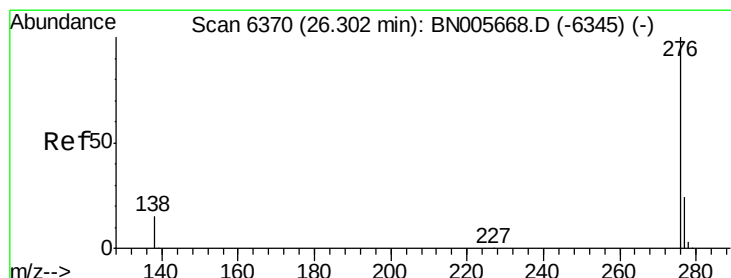
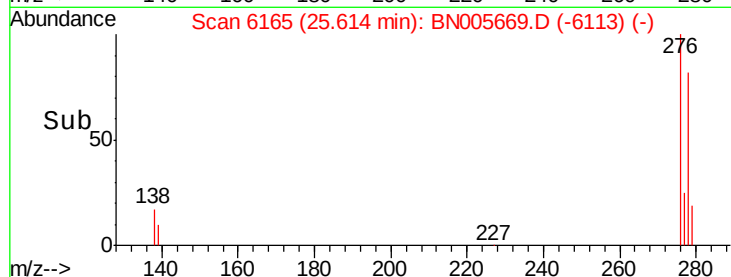
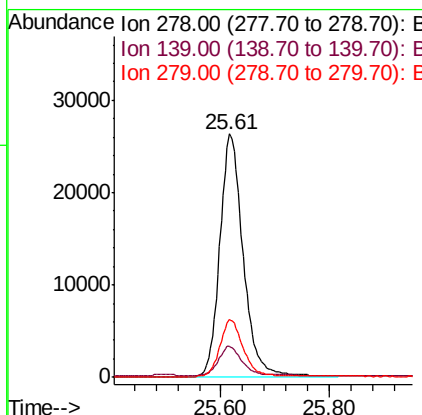
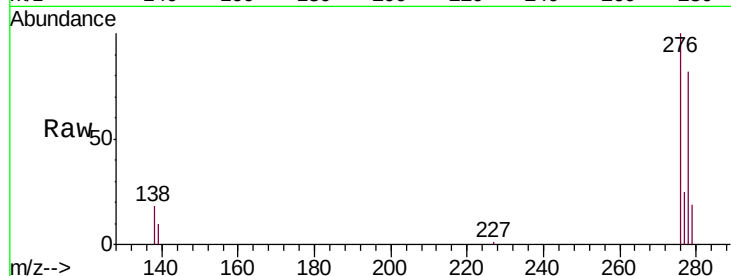




#25
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 25.61 min Scan# 6165
Delta R.T. -0.03 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Instrument :
BNA_N
ClientSampleId :
SBLK04

Tgt Ion: 278 Resp: 78567
Ion Ratio Lower Upper
278 100
139 12.7 12.4 18.6
279 23.8 21.0 31.4



#26
Benzo(g,h,i)perylene
Concen: 0.231 ng/ul
RT: 26.29 min Scan# 6365
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion: 276 Resp: 76051
Ion Ratio Lower Upper
276 100
138 15.8 15.6 23.4
277 23.7 20.6 31.0

