

Data File : BN003756.D
Acq On : 07 Dec 2018 07:04
Operator : JU/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.491

Quant Time: Dec 07 08:06:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5242	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	21295	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10829	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	23427	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	20432	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17306	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	12966	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	26023	0.38	ng/ul	0.00

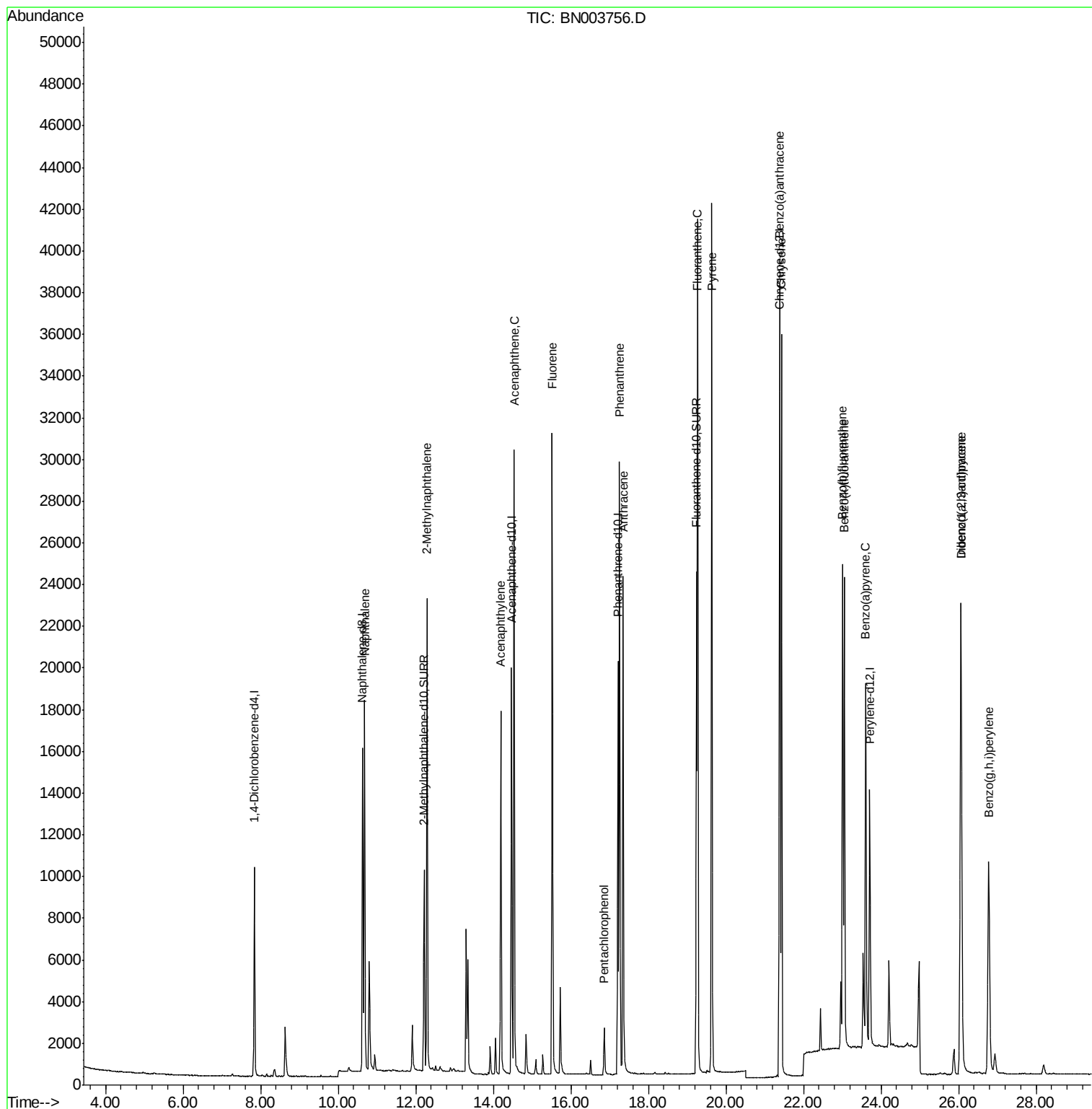
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	24807	0.415	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	17128	0.410	ng/ul	100
7) Acenaphthylene	14.19	152	21029	0.431	ng/ul	100
8) Acenaphthene	14.53	153	17902	0.419	ng/ul	100
9) Fluorene	15.52	166	19863	0.399	ng/ul	99
11) Pentachlorophenol	16.86	266	1836	0.435	ng/ul	98
12) Phenanthrene	17.26	178	32197	0.419	ng/ul	100
13) Anthracene	17.34	178	27374	0.433	ng/ul	100
15) Fluoranthene	19.27	202	35736	0.394	ng/ul	97
17) Pyrene	19.63	202	34901	0.476	ng/ul	98
18) Benzo(a)anthracene	21.38	228	29140	0.452	ng/ul	99
19) Chrysene	21.43	228	30617	0.415	ng/ul	100
21) Benzo(b)fluoranthene	23.00	252	30326	0.424	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	28788	0.413	ng/ul	99
23) Benzo(a)pyrene	23.60	252	26095	0.421	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.05	276	28155	0.396	ng/ul	98
25) Dibenzo(a,h)anthracene	26.07	278	22477	0.393	ng/ul	99
26) Benzo(g,h,i)perylene	26.77	276	23658	0.383	ng/ul	98

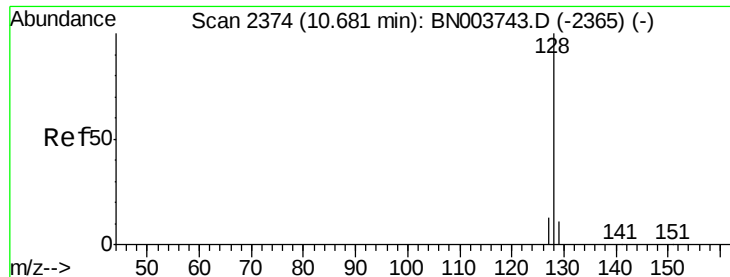
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 07 08:06:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.415 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

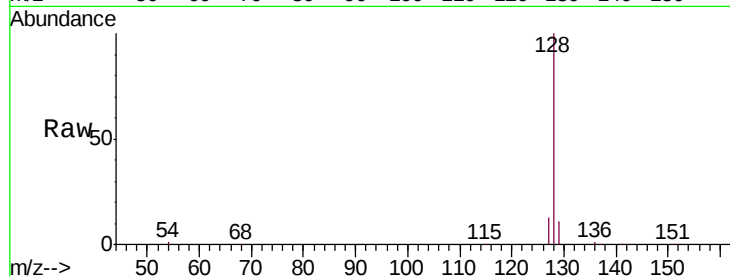
Tgt Ion:128 Resp: 24807

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

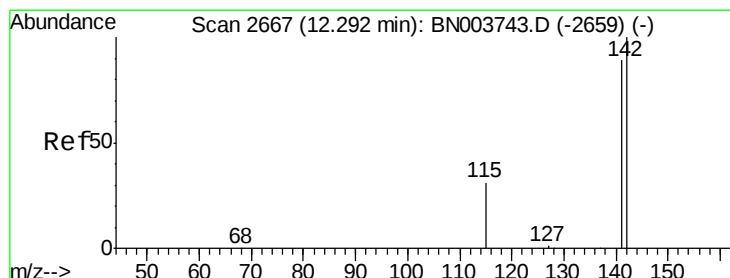
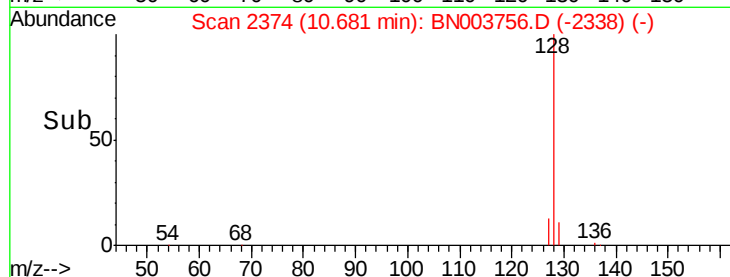
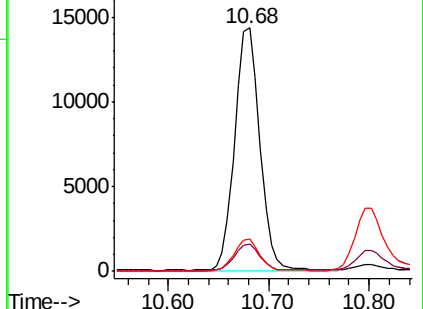
127 13.1 10.5 15.7



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: 0.410 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003756.D

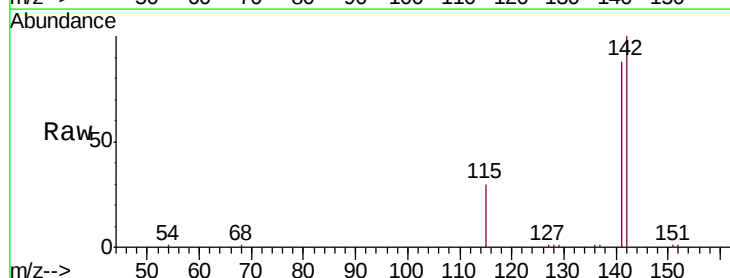
Acq: 07 Dec 2018 07:04

Tgt Ion:142 Resp: 17128

Ion Ratio Lower Upper

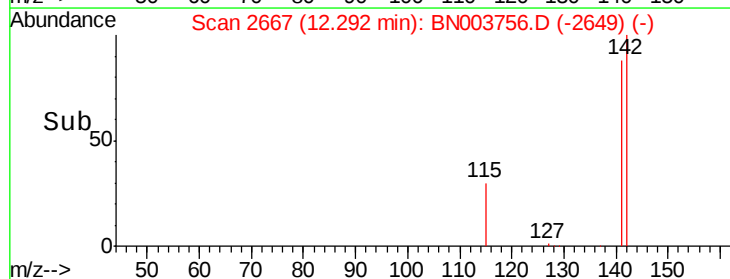
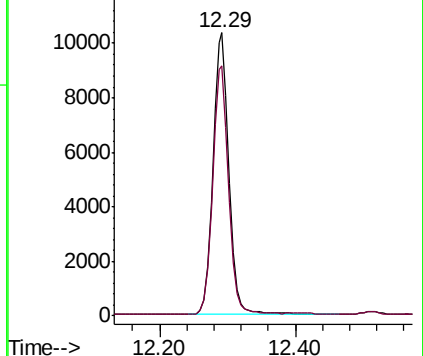
142 100

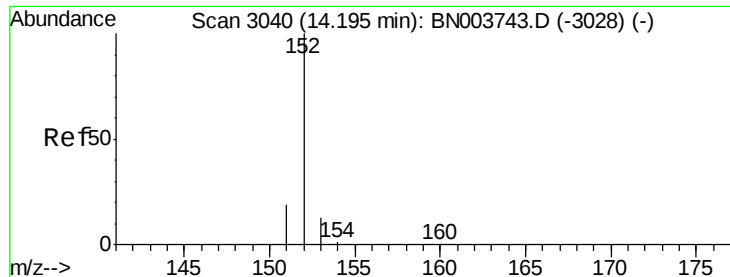
141 89.0 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.431 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

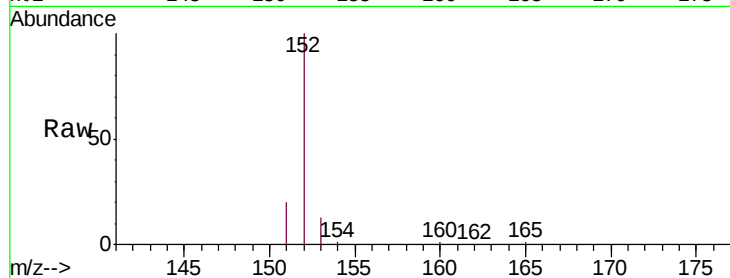
Tgt Ion:152 Resp: 21029

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

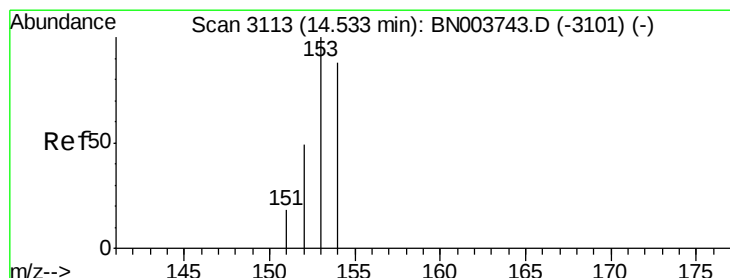
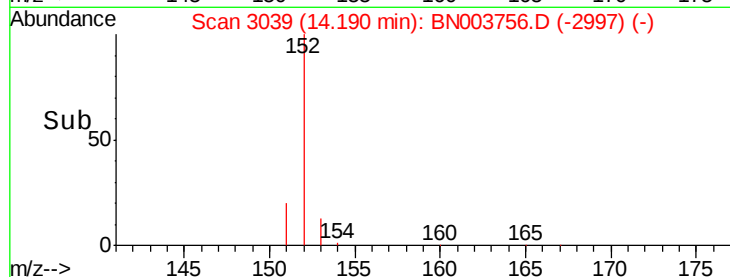
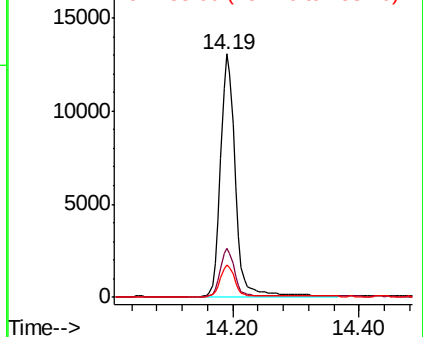
153 13.4 10.7 16.1



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



#8

Acenaphthene

Concen: 0.419 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

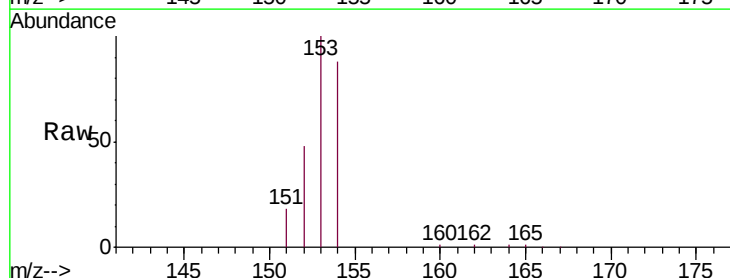
Tgt Ion:153 Resp: 17902

Ion Ratio Lower Upper

153 100

152 48.5 39.3 58.9

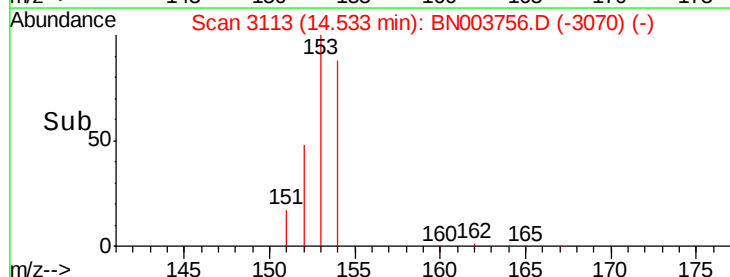
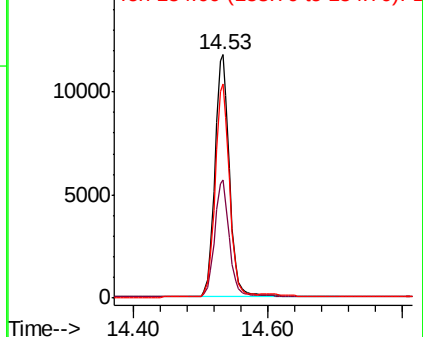
154 88.0 70.3 105.5

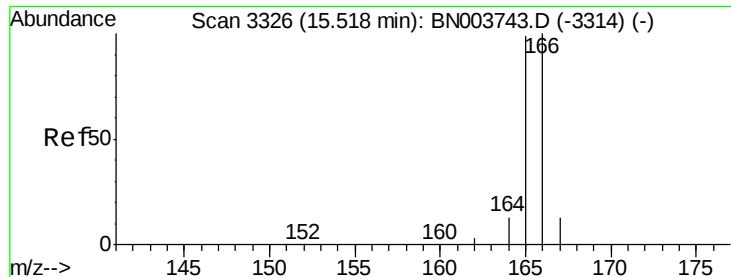


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.399 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

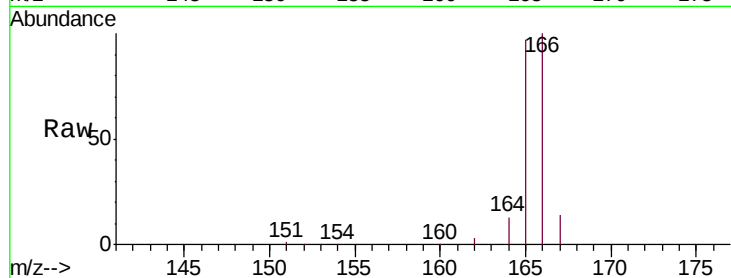
Tgt Ion:166 Resp: 19863

Ion Ratio Lower Upper

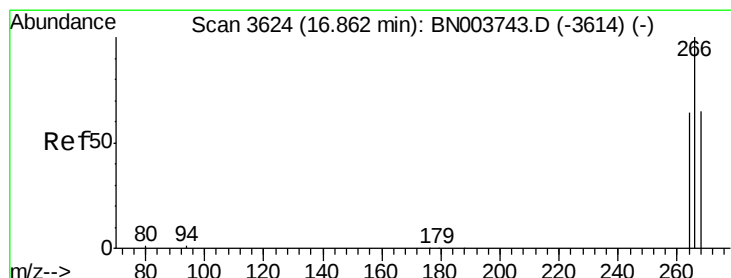
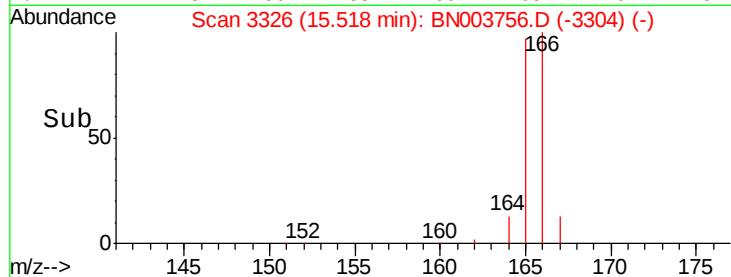
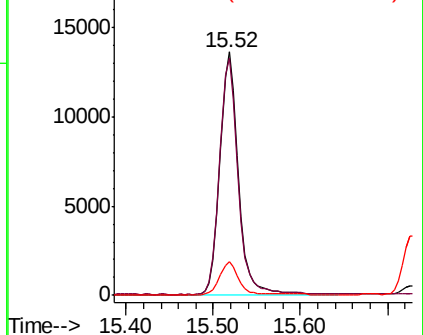
166 100

165 97.3 78.3 117.5

167 13.7 11.3 16.9



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: 0.435 ng/ul

RT: 16.86 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

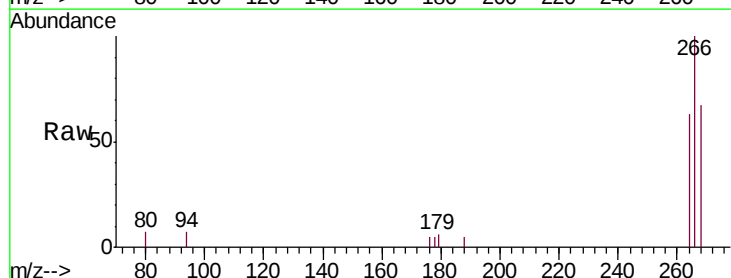
Tgt Ion:266 Resp: 1836

Ion Ratio Lower Upper

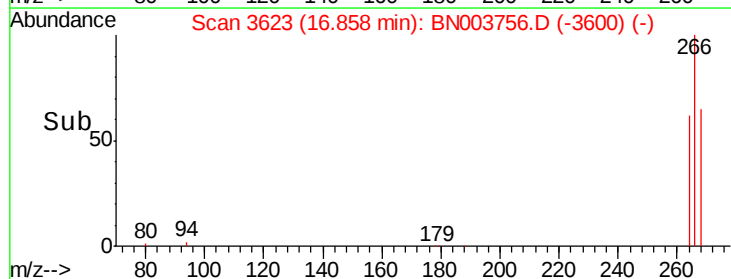
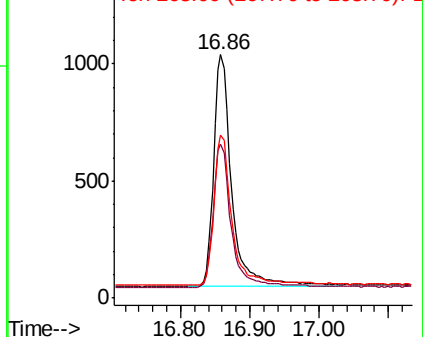
266 100

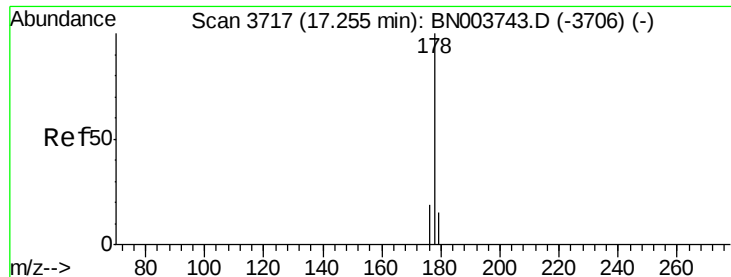
264 62.7 49.4 74.2

268 66.1 51.7 77.5



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: 0.419 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

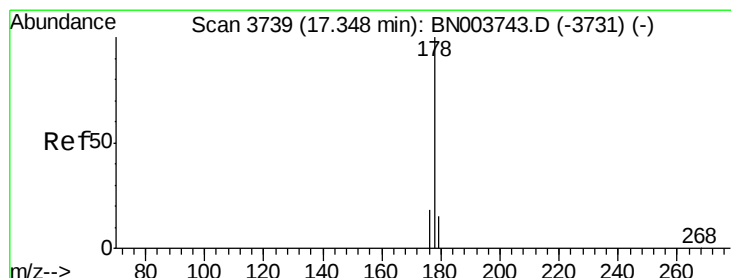
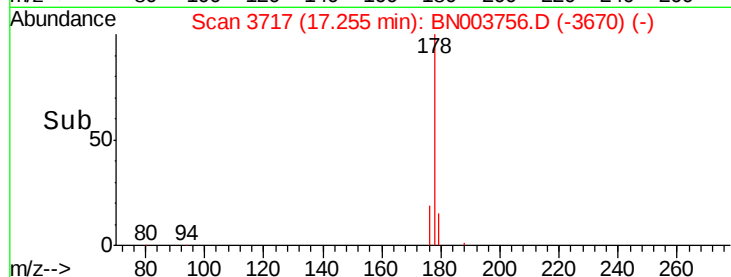
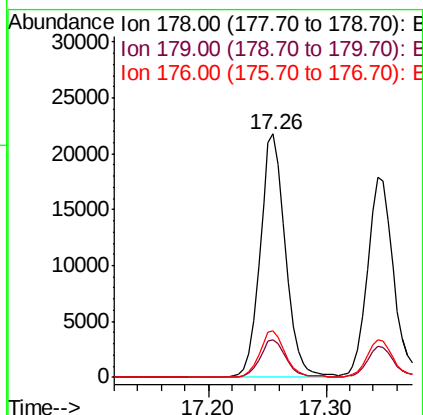
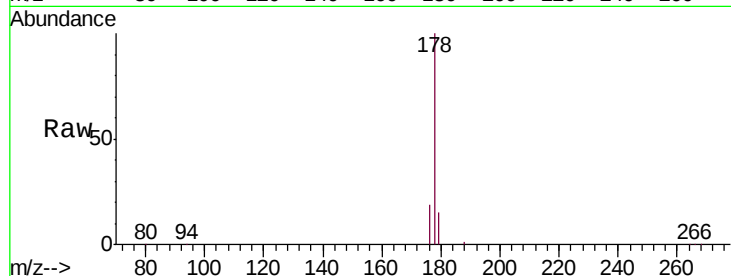
Tgt Ion:178 Resp: 32197

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.9 15.0 22.4



#13

Anthracene

Concen: 0.433 ng/ul

RT: 17.34 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

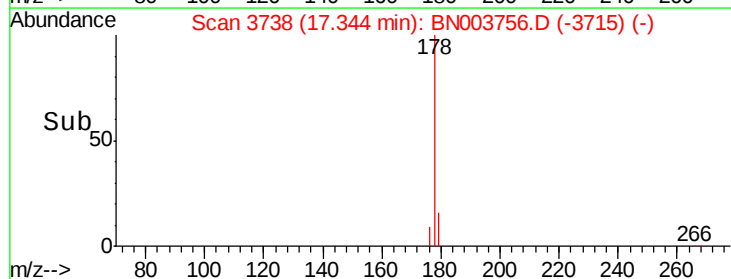
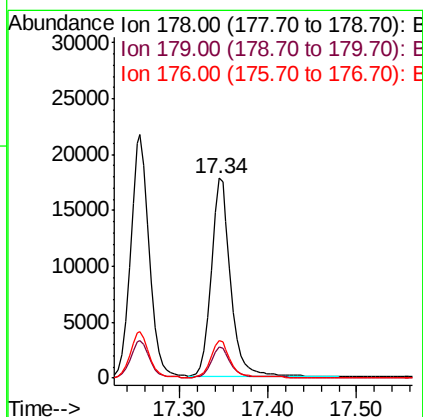
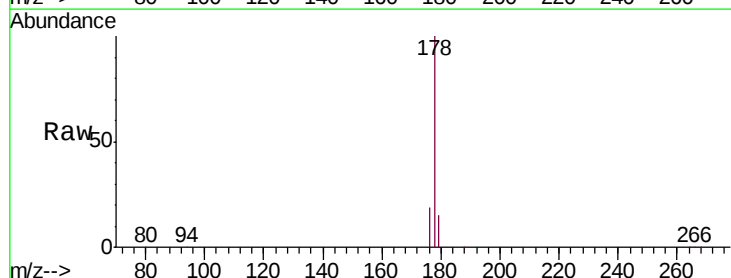
Tgt Ion:178 Resp: 27374

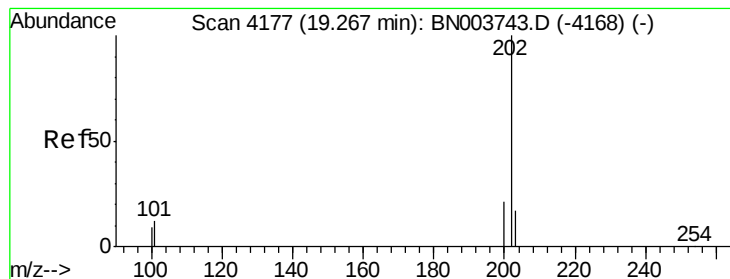
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.8 14.8 22.2





#15

Fluoranthene

Concen: 0.394 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

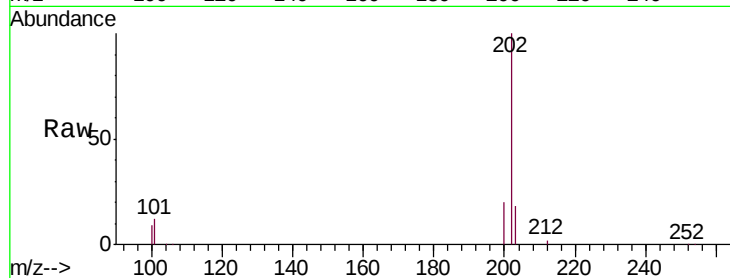
Tgt Ion:202 Resp: 35736

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.7

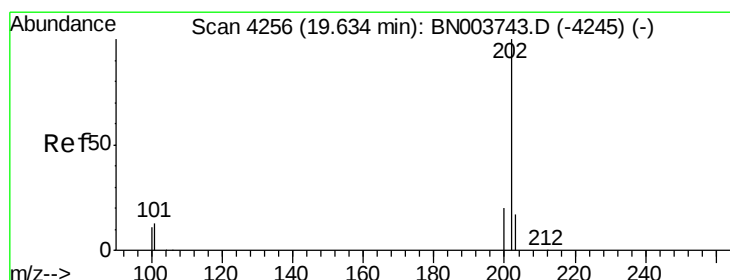
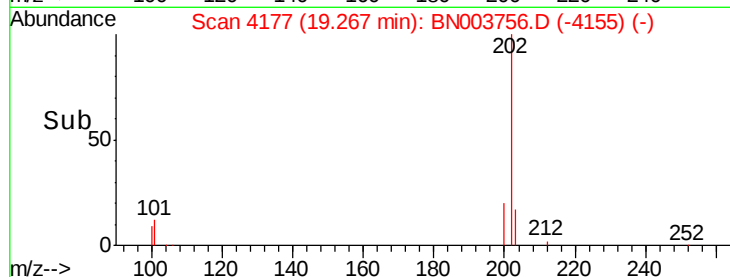
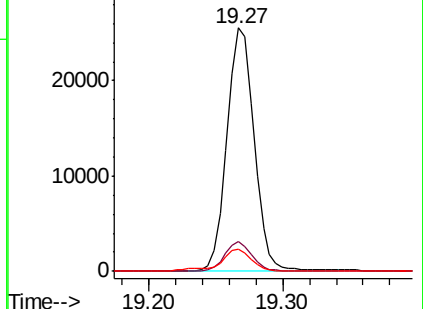
100 9.2 0.0 28.1



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: 0.476 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

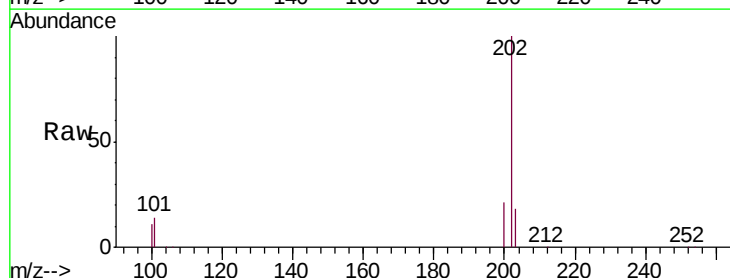
Tgt Ion:202 Resp: 34901

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

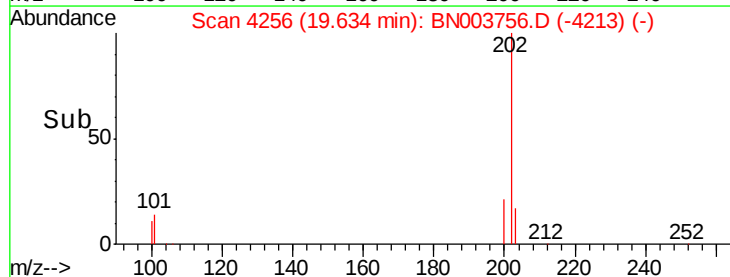
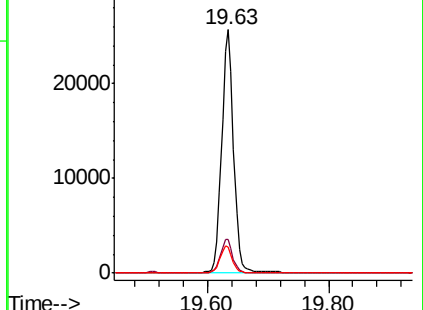
100 10.9 8.5 12.7

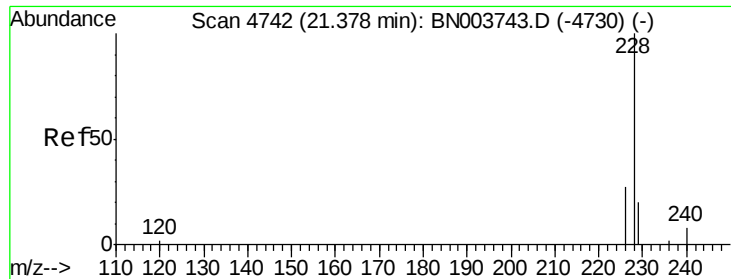


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.452 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

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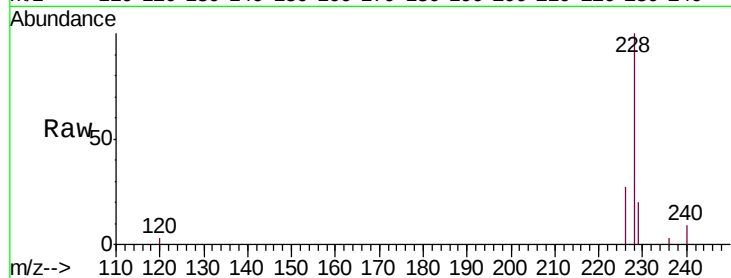
Tgt Ion:228 Resp: 29140

Ion Ratio Lower Upper

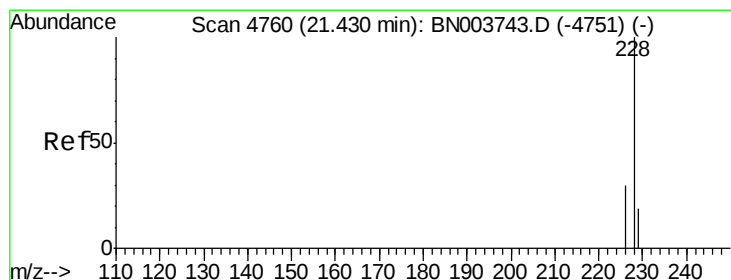
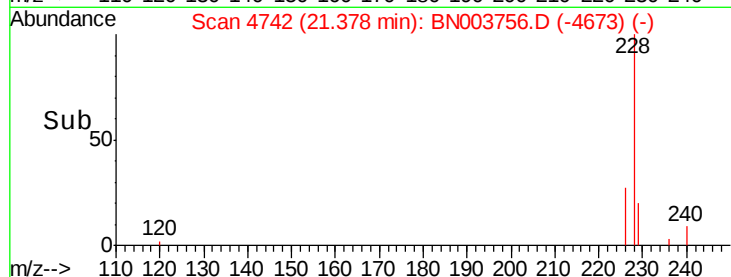
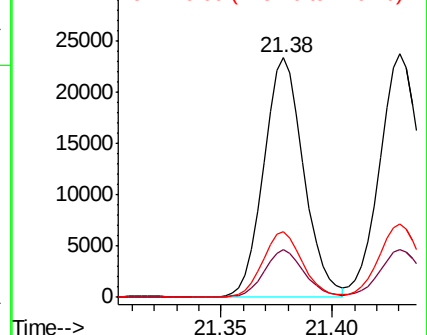
228 100

229 19.8 15.6 23.4

226 27.4 21.1 31.7



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: 0.415 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

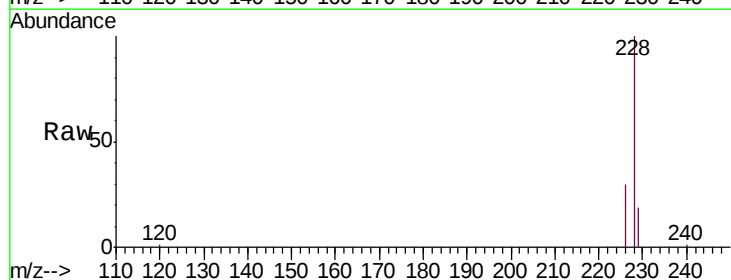
Tgt Ion:228 Resp: 30617

Ion Ratio Lower Upper

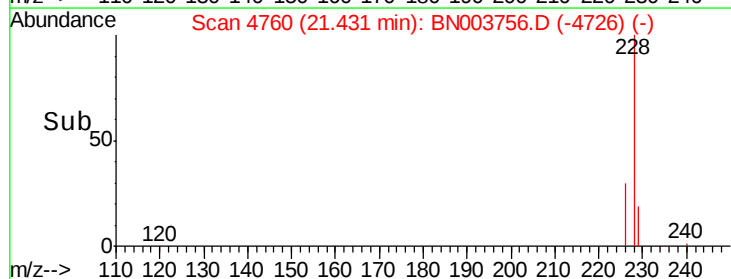
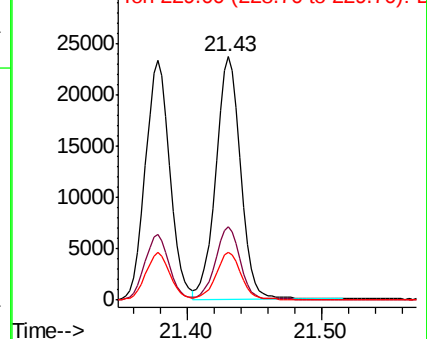
228 100

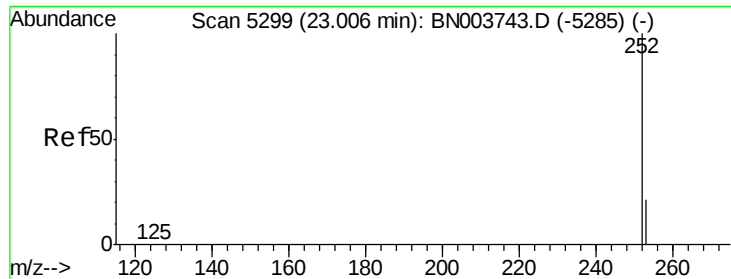
226 30.2 24.0 36.0

229 19.4 15.7 23.5



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: 0.424 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

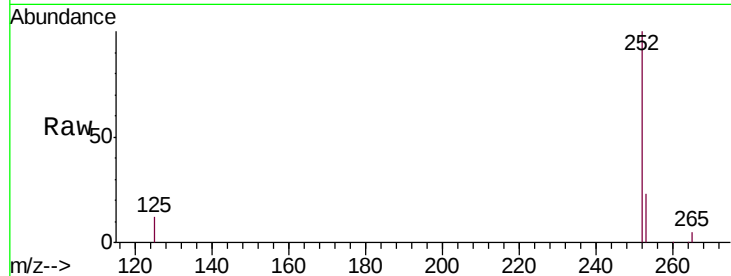
Tgt Ion:252 Resp: 30326

Ion Ratio Lower Upper

252 100

253 23.5 0.0 46.0

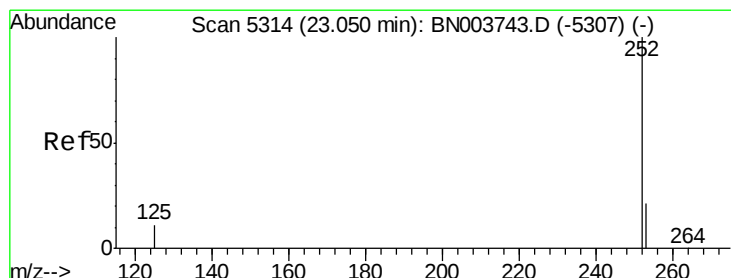
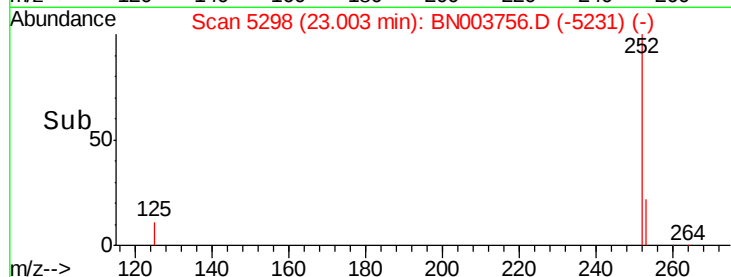
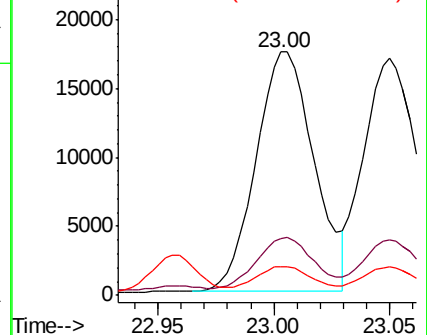
125 11.9 0.0 22.4



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



#22

Benzo(k)fluoranthene

Concen: 0.413 ng/ul

RT: 23.05 min Scan# 5314

Delta R.T. 0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

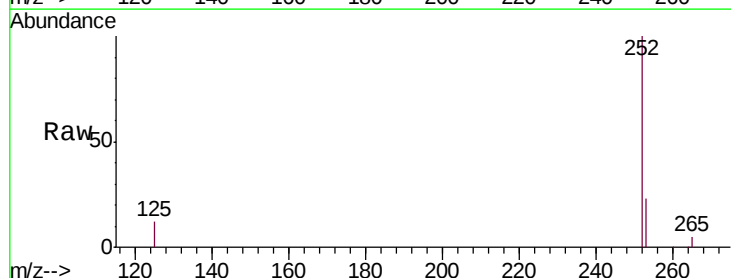
Tgt Ion:252 Resp: 28788

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

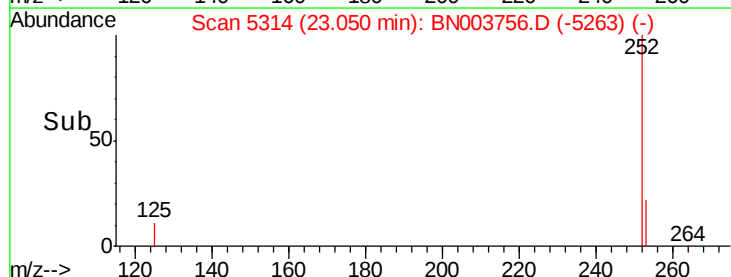
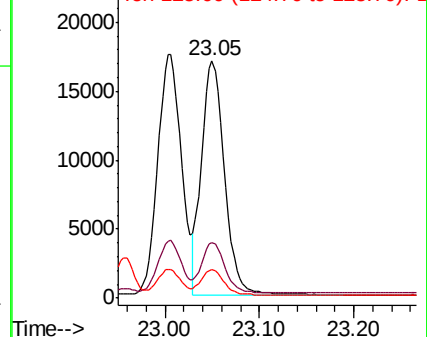
125 11.8 9.0 13.6

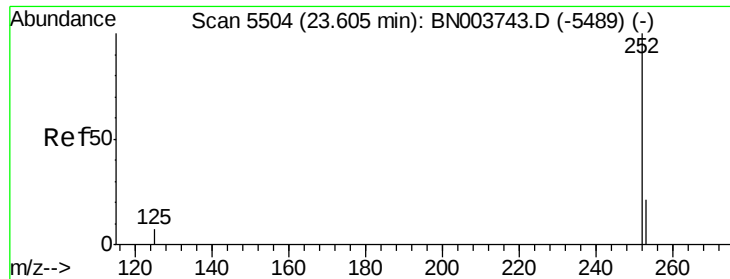


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.421 ng/u1

RT: 23.60 min Scan# 5503

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

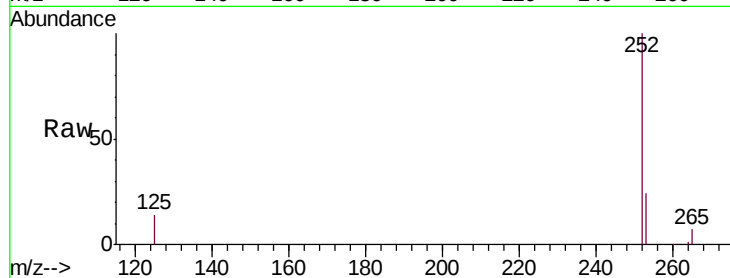
Tgt Ion:252 Resp: 26095

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.4

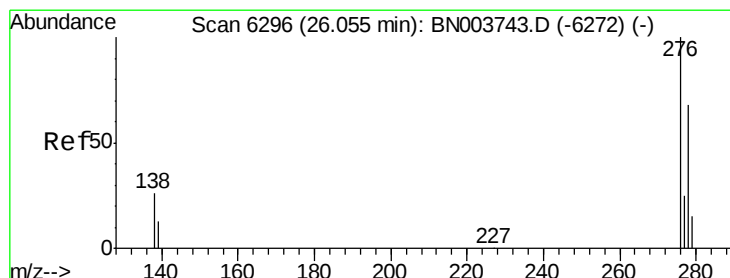
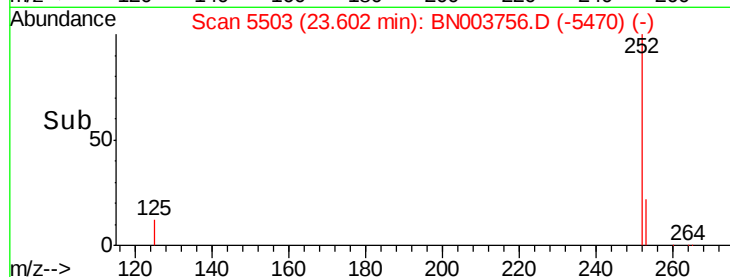
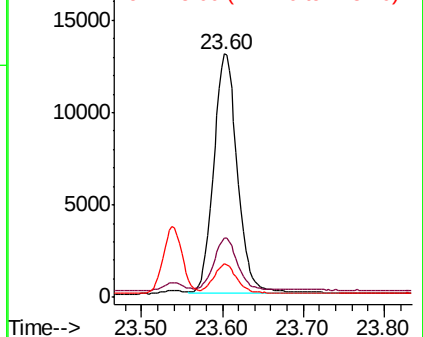
125 13.7 10.2 15.4



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/u1

RT: 26.05 min Scan# 6295

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

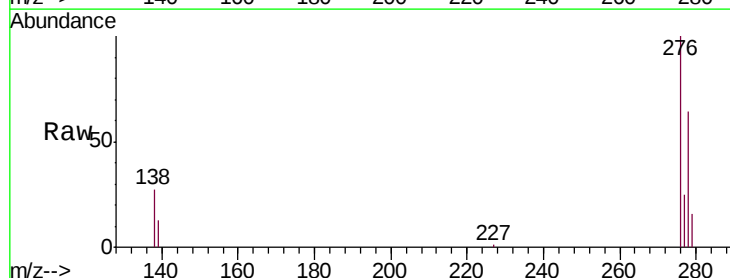
Tgt Ion:276 Resp: 28155

Ion Ratio Lower Upper

276 100

138 26.5 20.3 30.5

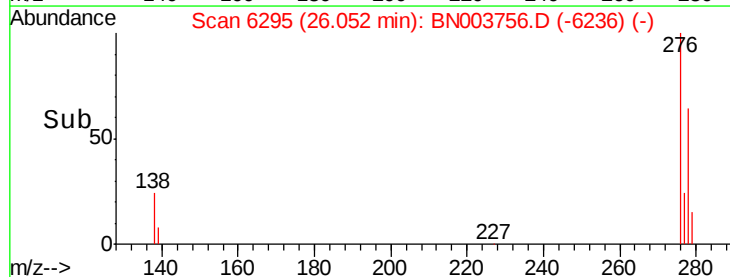
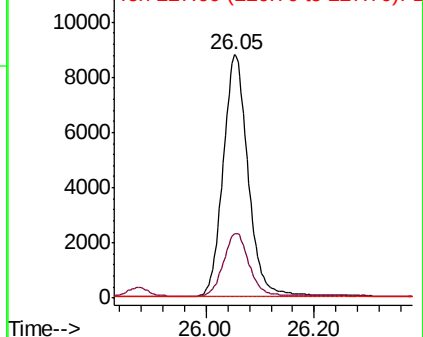
227 0.2 0.2 0.2

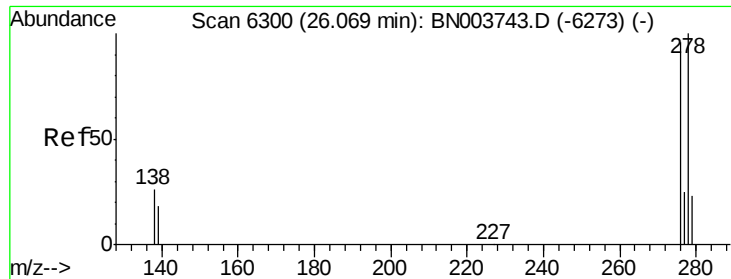


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.393 ng/ul

RT: 26.07 min Scan# 6299

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.491

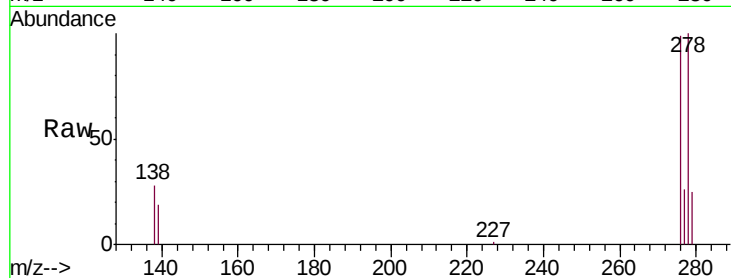
Tgt Ion:278 Resp: 22477

Ion Ratio Lower Upper

278 100

139 18.8 14.2 21.4

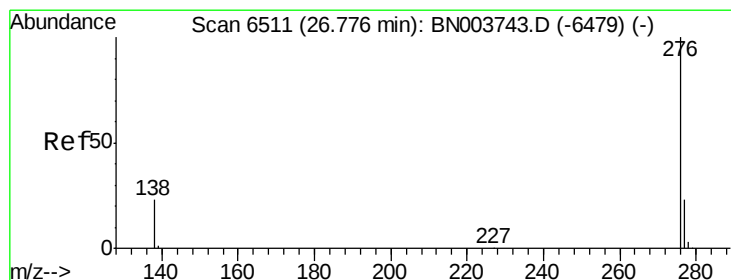
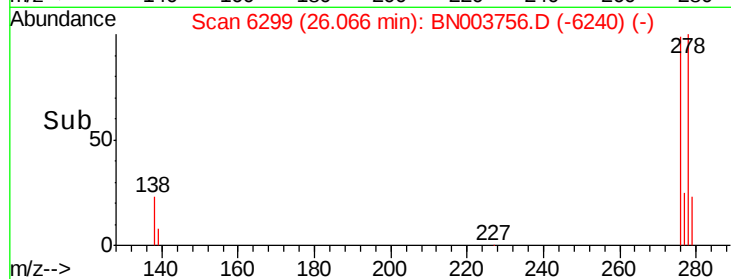
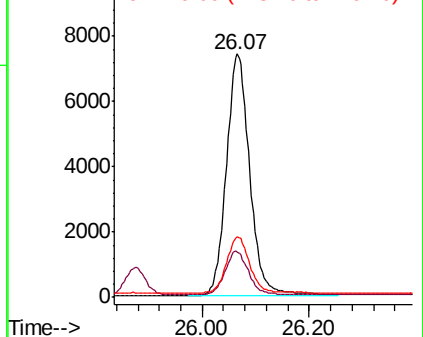
279 24.7 19.8 29.6



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: 0.383 ng/ul

RT: 26.77 min Scan# 6510

Delta R.T. -0.00 min

Lab File: BN003756.D

Acq: 07 Dec 2018 07:04

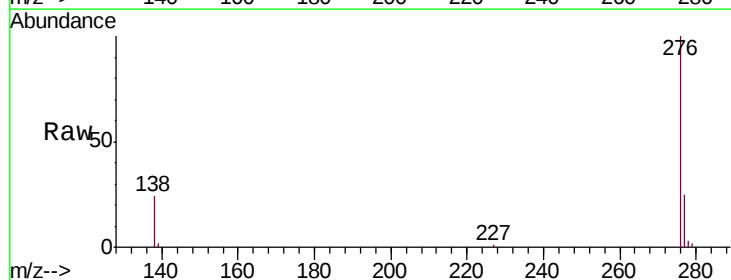
Tgt Ion:276 Resp: 23658

Ion Ratio Lower Upper

276 100

138 23.9 17.7 26.5

277 24.7 19.3 28.9



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

