

Data File : BN004072.D
Acq On : 18 Dec 2018 12:36
Operator : JU/SJ
Sample : J6236-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E22DL

Quant Time: Dec 19 01:57:29 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8145	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4931	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12390	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13572	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12743	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	506	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1594	0.04	ng/ul	0.00

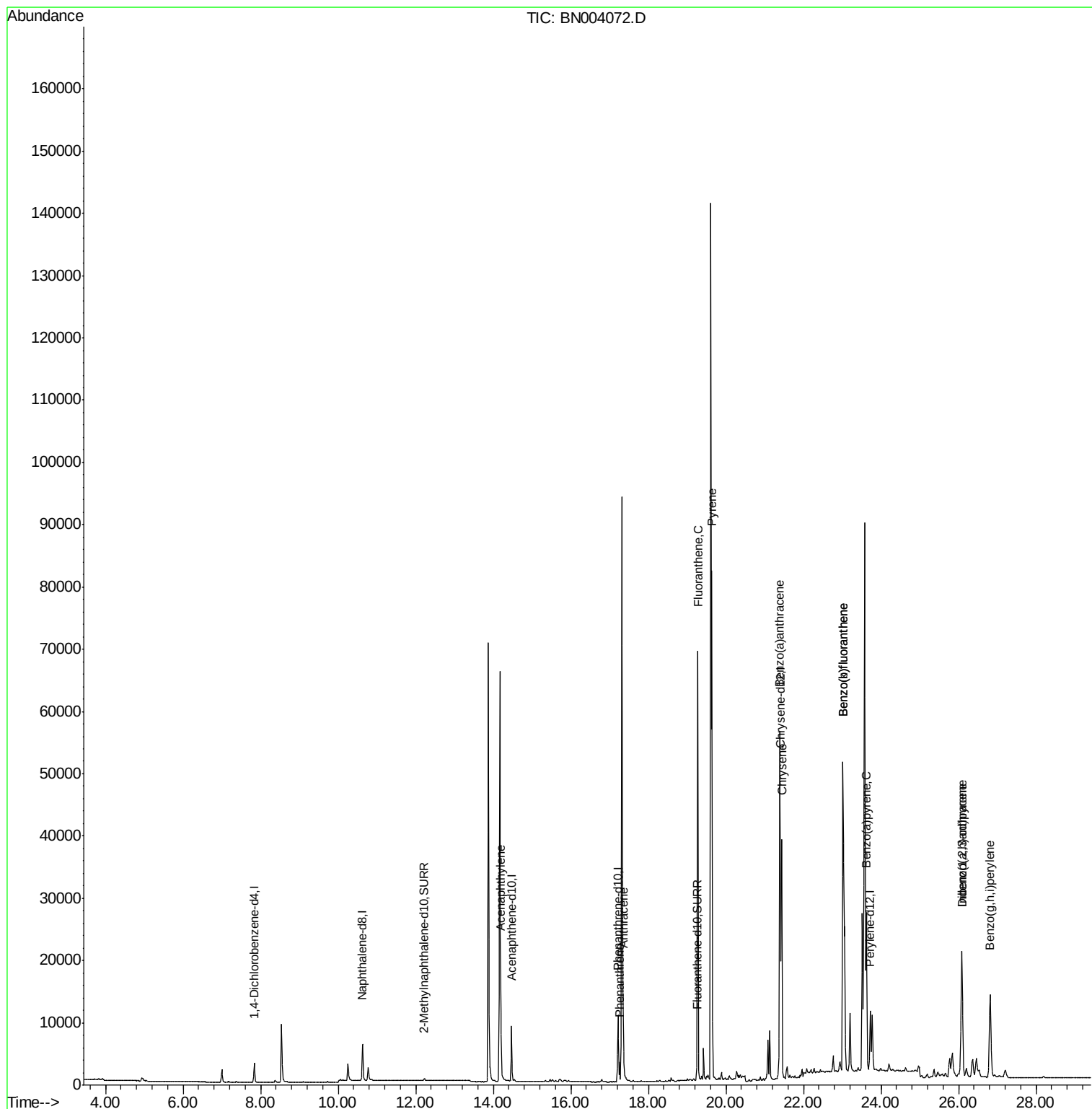
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	13634	0.614	ng/ul	99
12) Phenanthrene	17.26	178	3147	0.077	ng/ul	95
13) Anthracene	17.35	178	12789	0.383	ng/ul	100
15) Fluoranthene	19.28	202	57585	1.199	ng/ul	98
17) Pyrene	19.64	202	66792	1.372	ng/ul	96
18) Benzo(a)anthracene	21.39	228	44122	1.029	ng/ul	97
19) Chrysene	21.44	228	44046	0.898	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	106281	2.016	ng/ul	99
22) Benzo(k)fluoranthene	23.02	252	106265	2.069	ng/ul	99
23) Benzo(a)pyrene	23.62	252	35243	0.772	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.09	276	34294	0.655	ng/ul	94
25) Dibenzo(a,h)anthracene	26.09	278	9011	0.214	ng/ul#	83
26) Benzo(g,h,i)perylene	26.82	276	28132	0.618	ng/ul	97

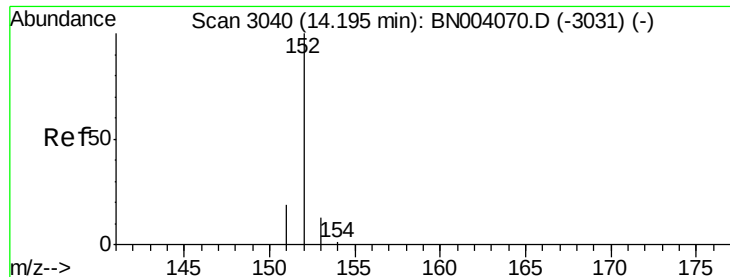
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.614 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

ClientSampleId :

F9E22DL

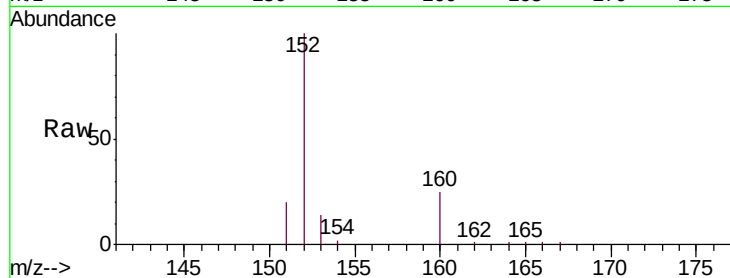
Tgt Ion:152 Resp: 13634

Ion Ratio Lower Upper

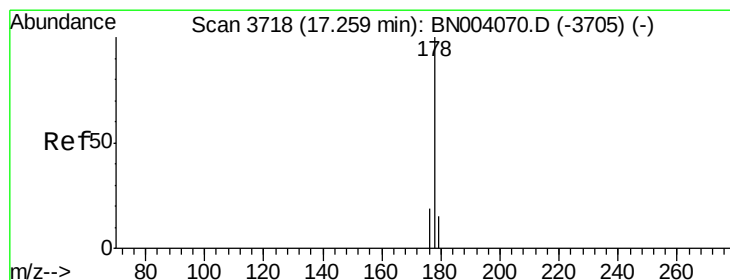
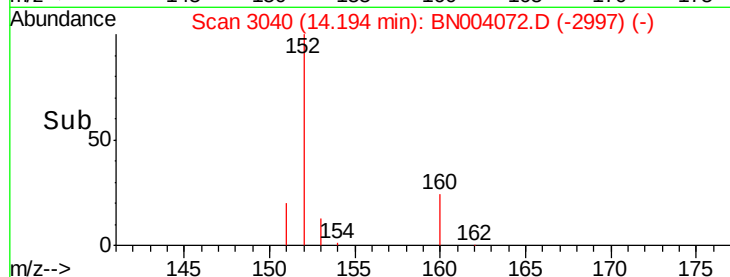
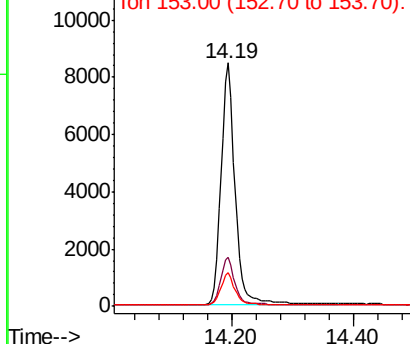
152 100

151 20.2 15.9 23.9

153 13.6 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



#12

Phenanthrene

Concen: 0.077 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

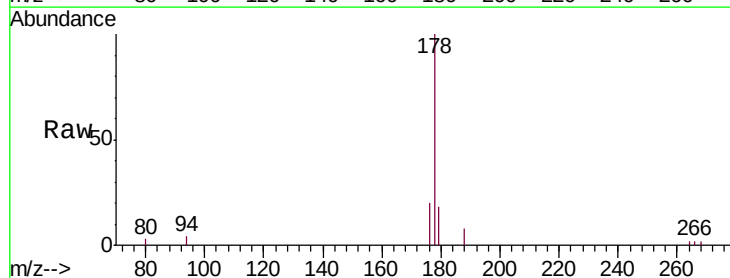
Tgt Ion:178 Resp: 3147

Ion Ratio Lower Upper

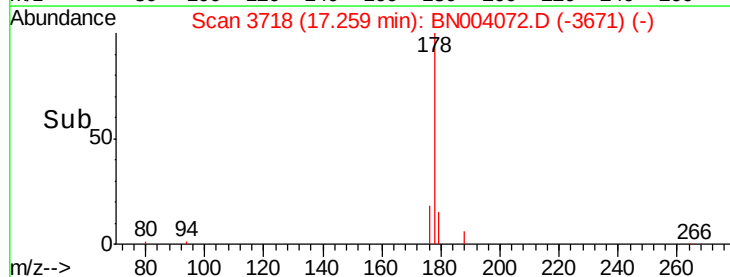
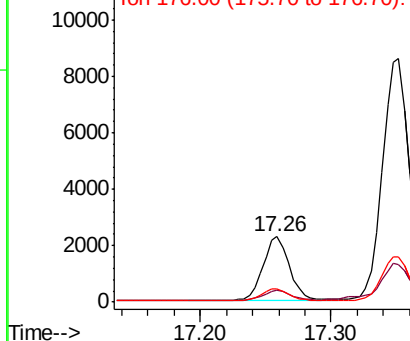
178 100

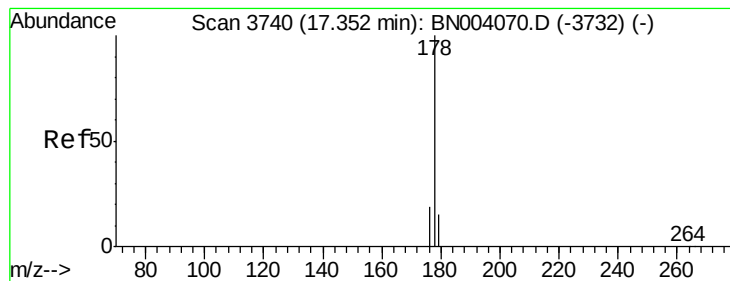
179 17.9 12.5 18.7

176 20.4 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: 0.383 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

ClientSampleId :

F9E22DL

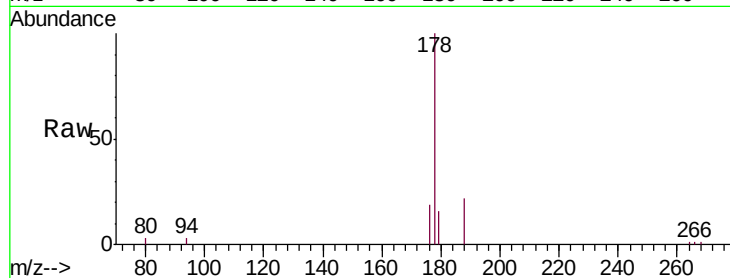
Tgt Ion:178 Resp: 12789

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.5 14.8 22.2

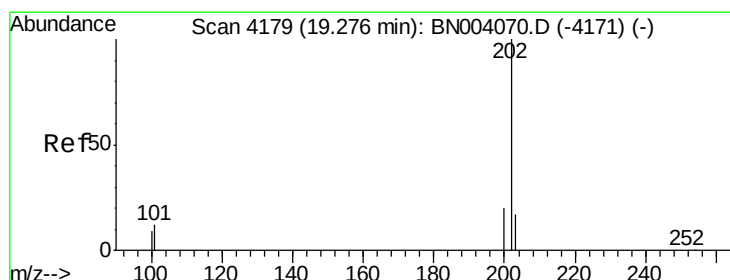
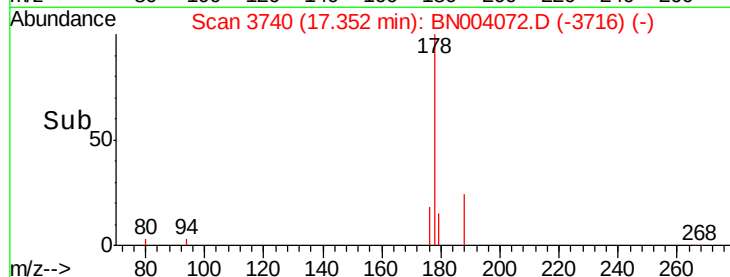
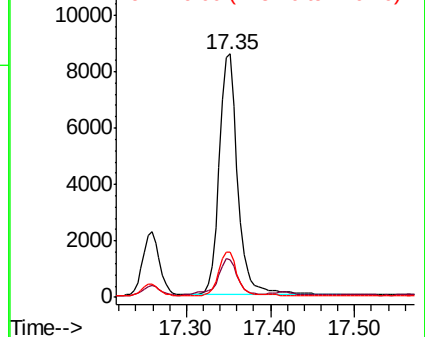


Abundance

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: 1.199 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

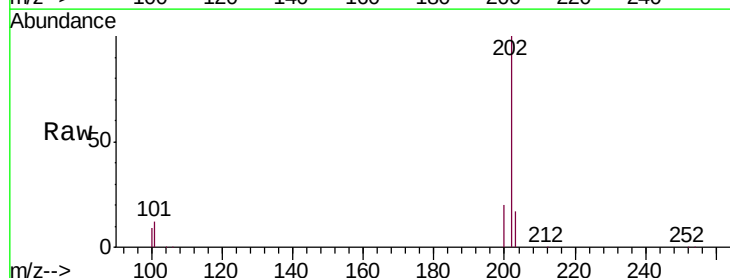
Tgt Ion:202 Resp: 57585

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.7

100 8.5 0.0 28.1

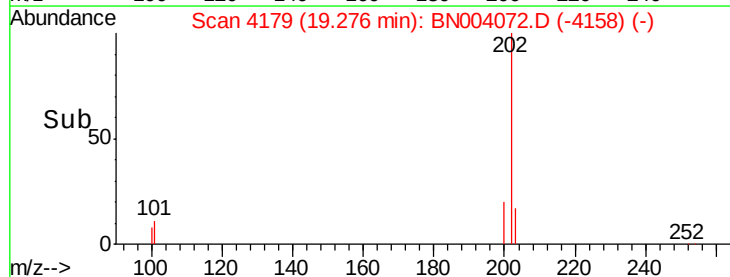
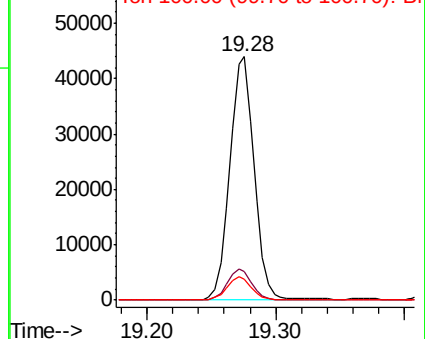


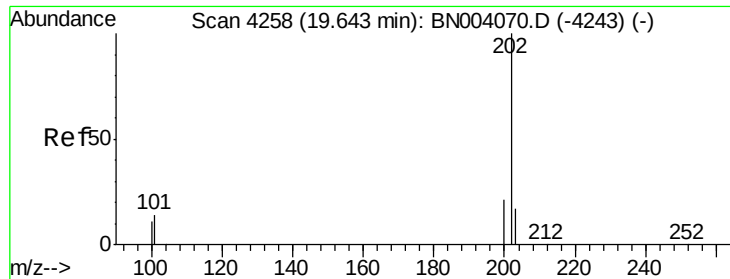
Abundance

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: 1.372 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.01 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

ClientSampleId :

F9E22DL

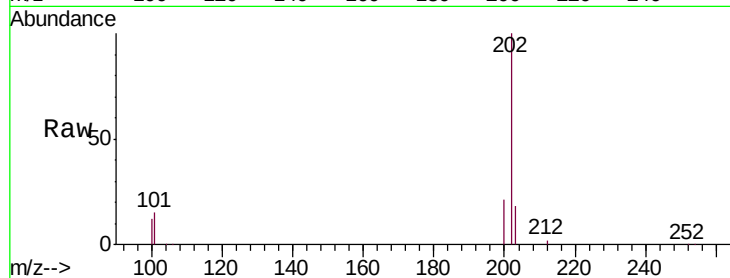
Tgt Ion:202 Resp: 66792

Ion Ratio Lower Upper

202 100

101 14.5 10.3 15.5

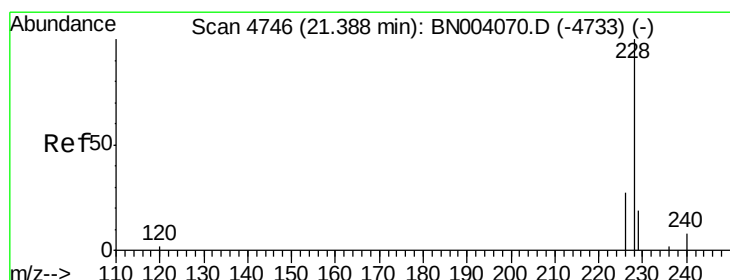
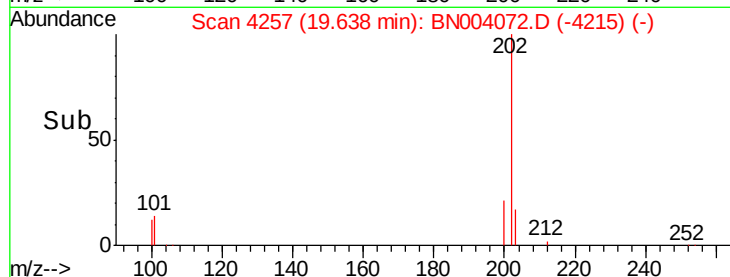
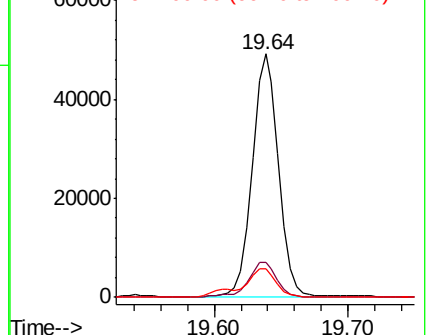
100 11.8 8.5 12.7



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: 1.029 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

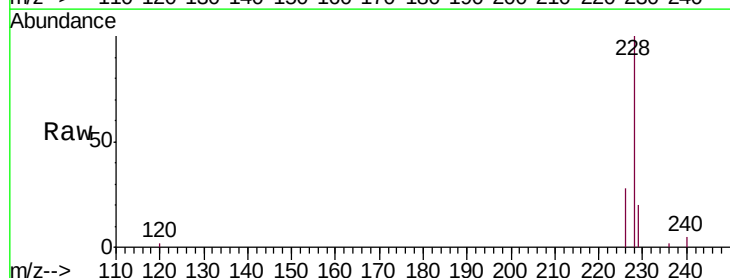
Tgt Ion:228 Resp: 44122

Ion Ratio Lower Upper

228 100

229 20.5 15.6 23.4

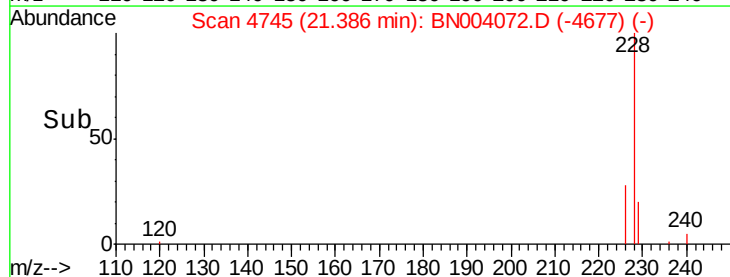
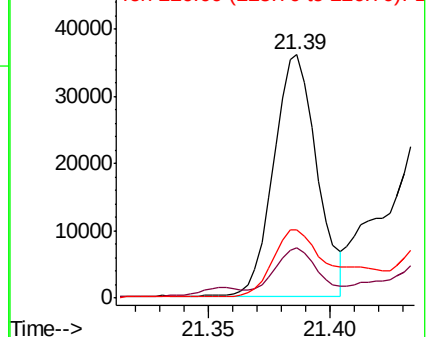
226 28.3 21.1 31.7

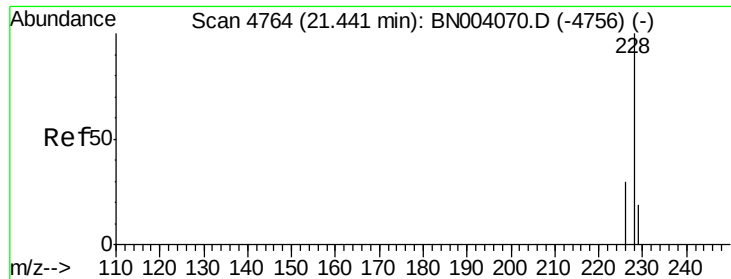


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.898 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

ClientSampleId :

F9E22DL

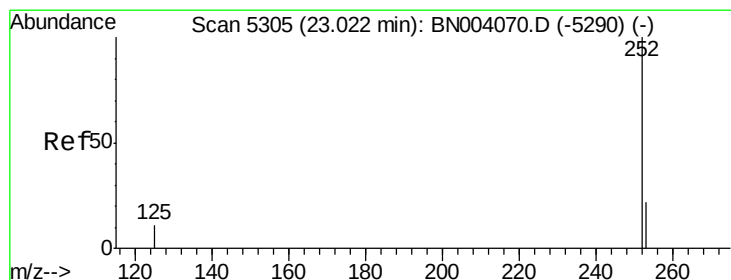
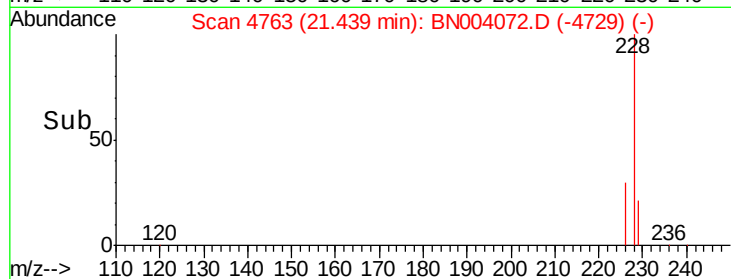
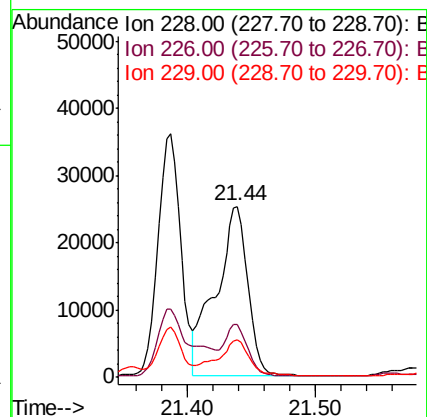
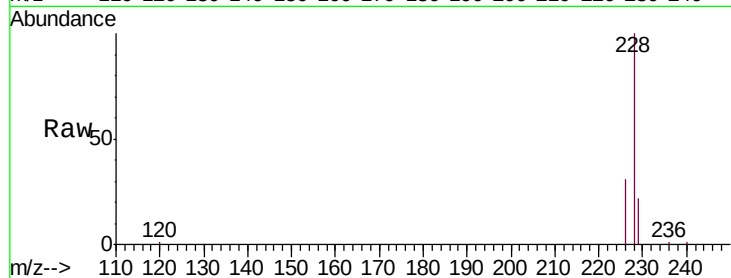
Tgt Ion:228 Resp: 44046

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 22.2 15.7 23.5



#21

Benzo(b)fluoranthene

Concen: 2.016 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

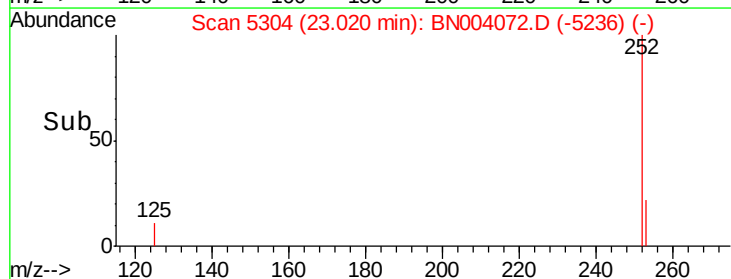
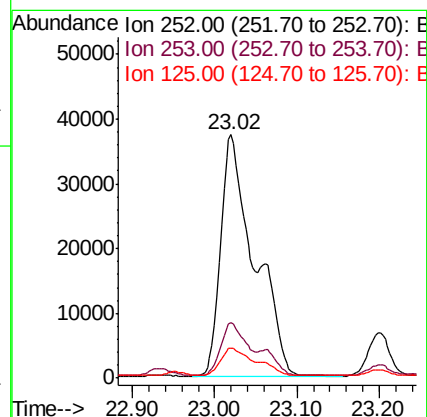
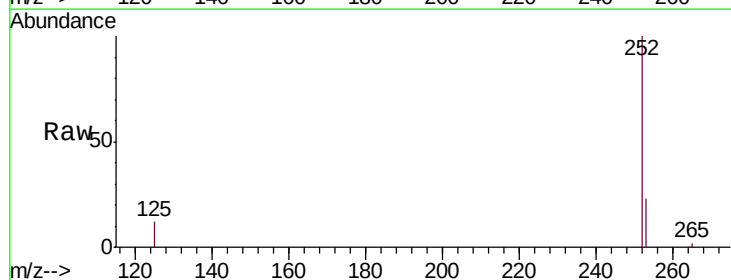
Tgt Ion:252 Resp: 106281

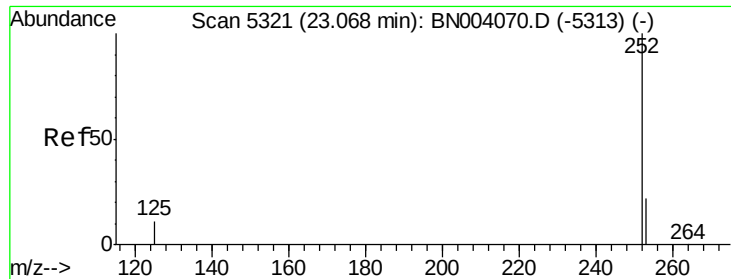
Ion Ratio Lower Upper

252 100

253 22.8 0.0 46.0

125 12.3 0.0 22.4





#22

Benzo(k)fluoranthene

Concen: 2.069 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.05 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

ClientSampleId :

F9E22DL

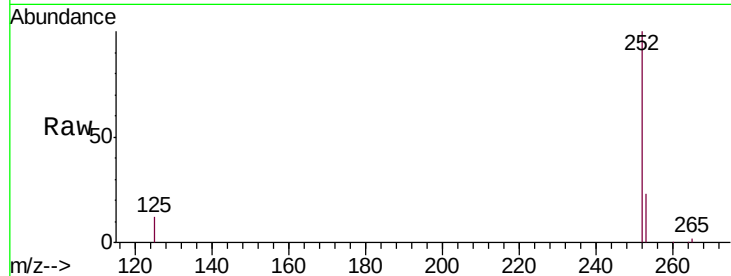
Tgt Ion:252 Resp: 106265

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

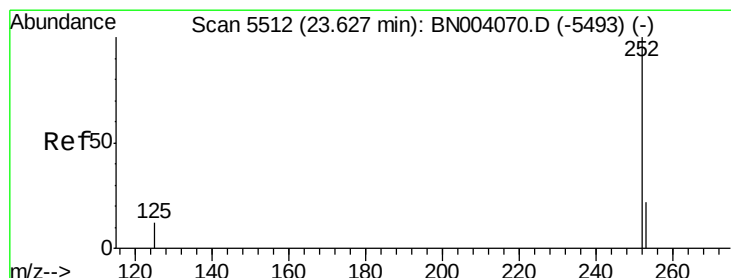
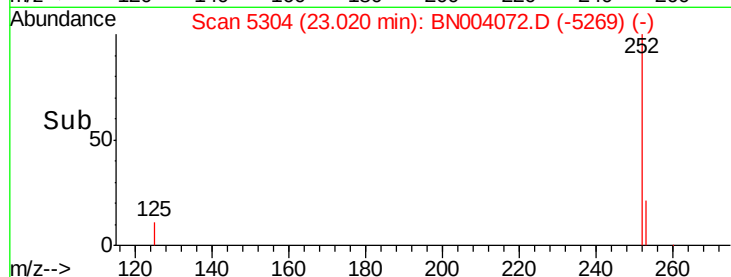
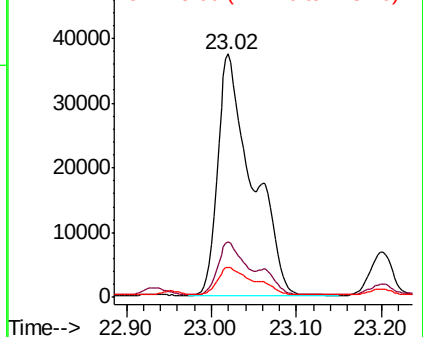
125 12.3 9.0 13.6



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: 0.772 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. -0.01 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

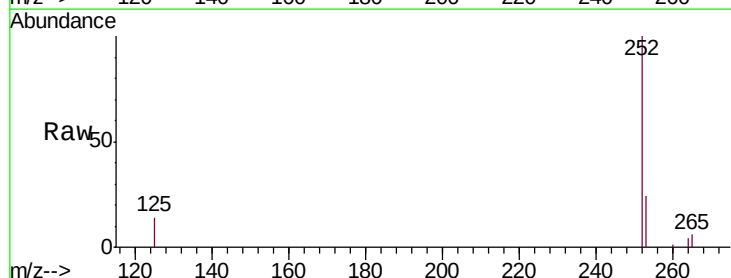
Tgt Ion:252 Resp: 35243

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.4

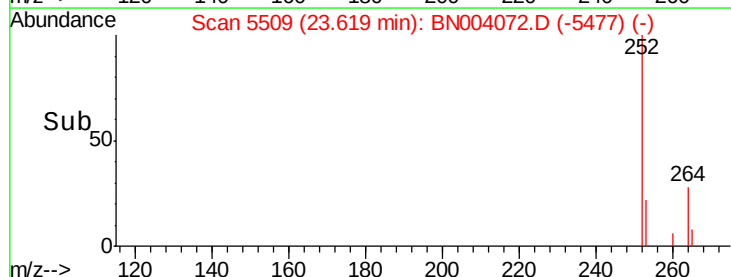
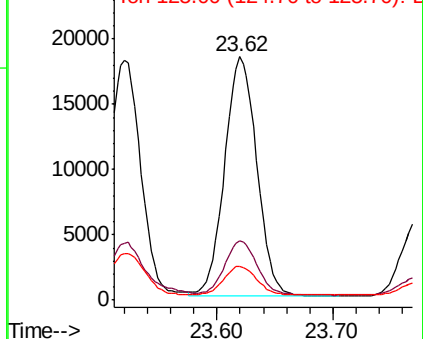
125 14.0 10.2 15.4

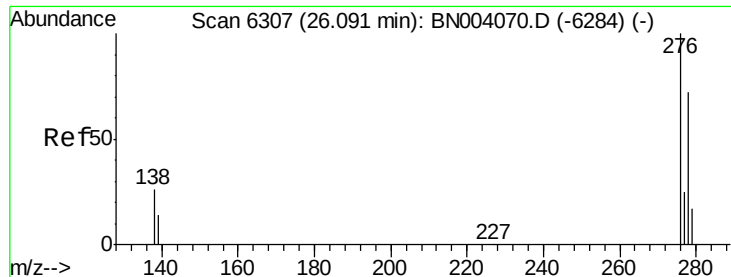


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



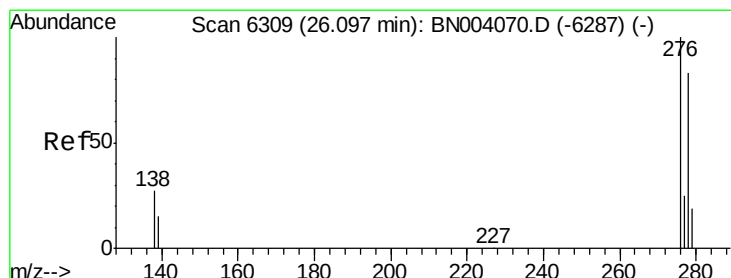
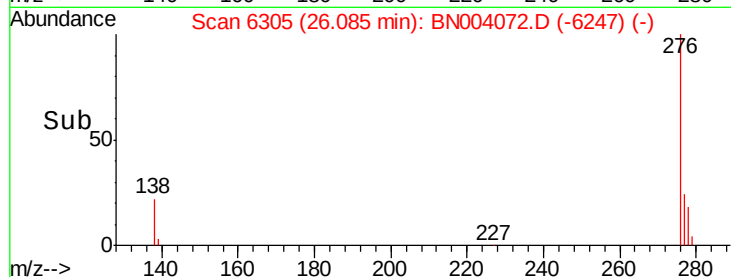
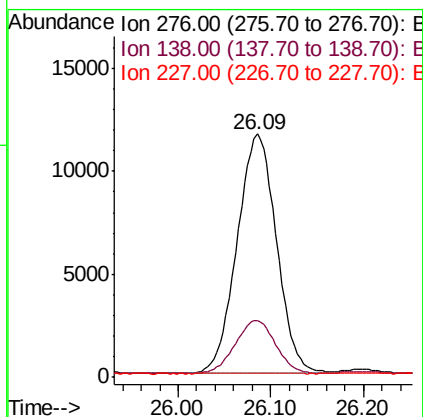
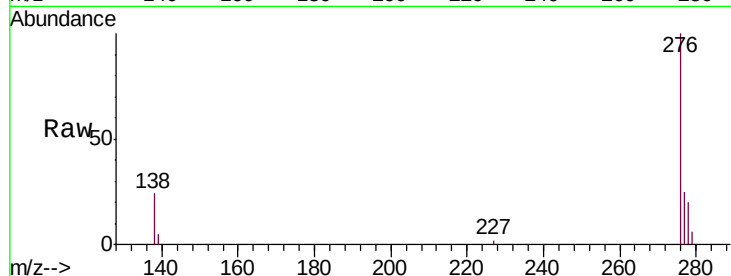


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.655 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004072.D
Acq: 18 Dec 2018 12:36

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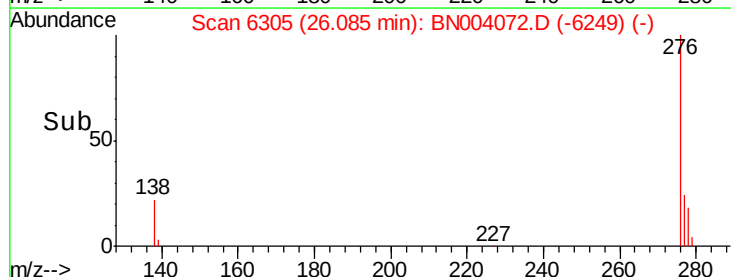
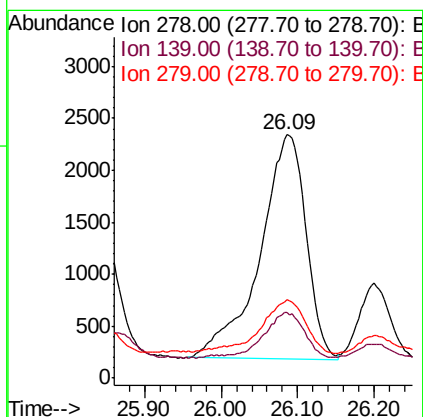
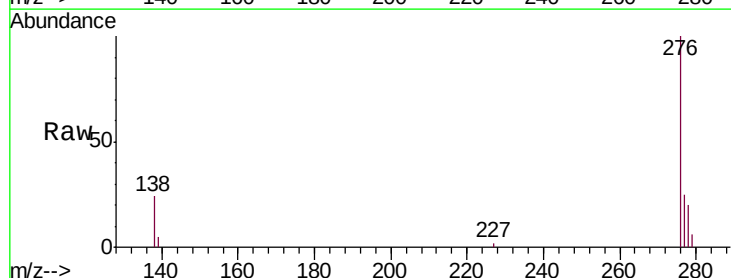
Tgt Ion: 276 Resp: 34294
Ion Ratio Lower Upper
276 100
138 22.6 20.3 30.5
227 0.2 0.2 0.2

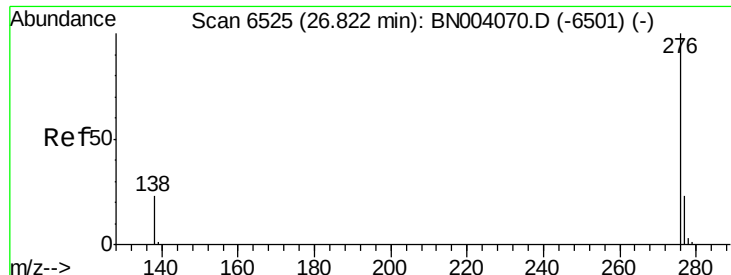


#25

Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004072.D
Acq: 18 Dec 2018 12:36

Tgt Ion: 278 Resp: 9011
Ion Ratio Lower Upper
278 100
139 27.1 14.2 21.4#
279 32.1 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.618 ng/ul

RT: 26.82 min Scan# 6523

Delta R.T. -0.01 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

ClientSampleId :

F9E22DL

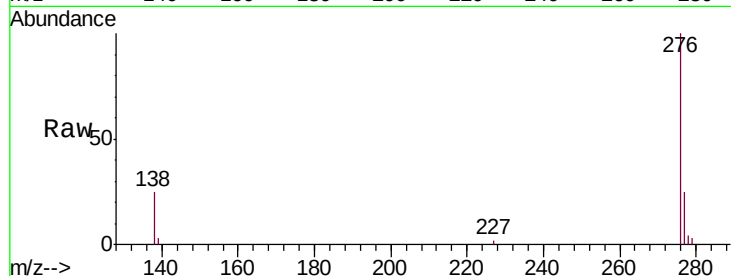
Tgt Ion: 276 Resp: 28132

Ion Ratio Lower Upper

276 100

138 24.5 17.7 26.5

277 24.8 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

