

Data File : BN003961.D
Acq On : 15 Dec 2018 16:17
Operator : JU/SJ
Sample : J6227-16DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F35DL

Quant Time: Dec 15 22:02:32 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 : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2071	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10235	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5994	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14929	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	19114	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	17687	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	717	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2059	0.05	ng/ul	0.00

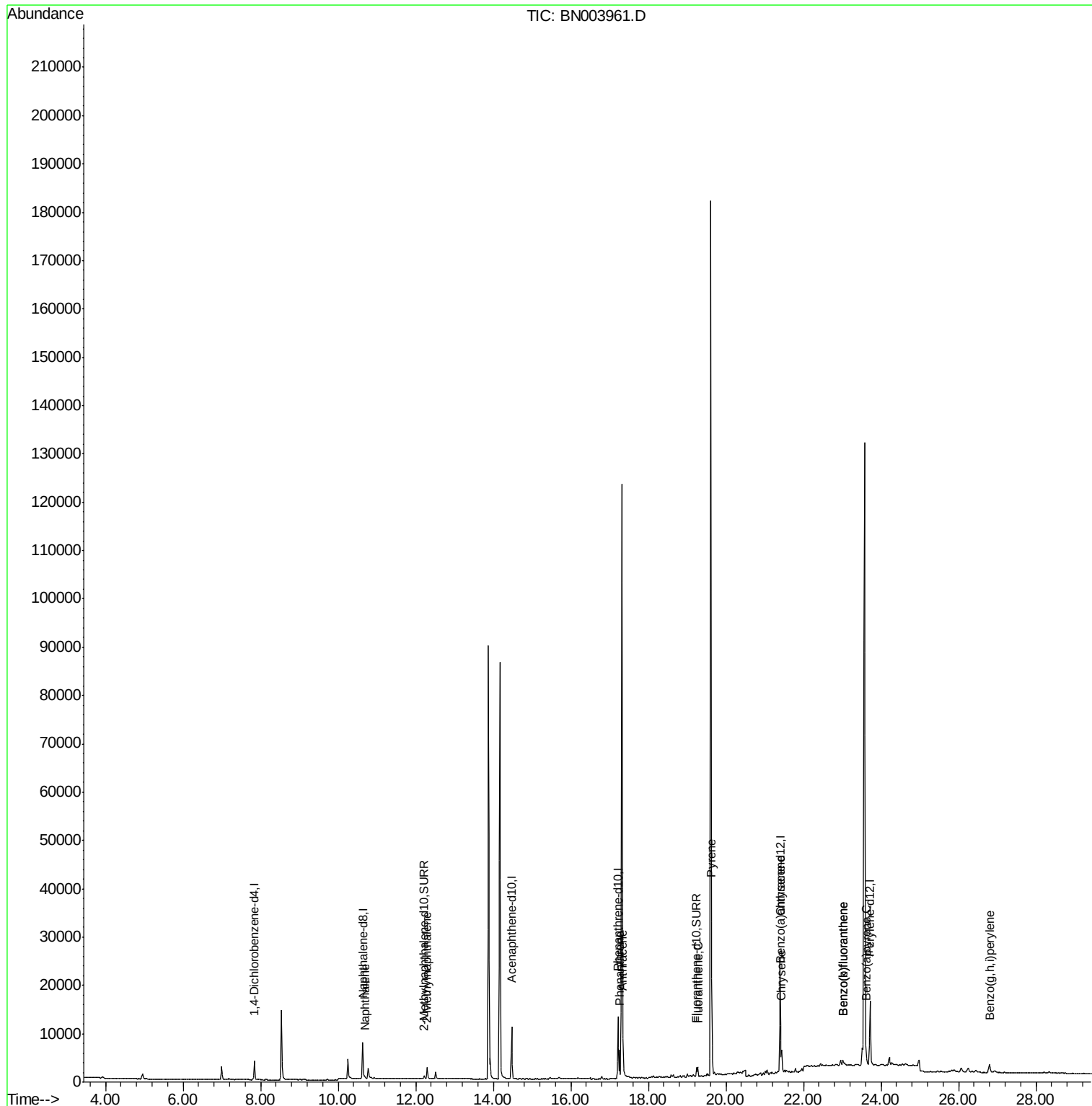
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	804	0.028	ng/ul#	75
5) 2-Methylnaphthalene	12.29	142	1726	0.086	ng/ul	100
12) Phenanthrene	17.25	178	6507	0.133	ng/ul	96
13) Anthracene	17.35	178	5046	0.125	ng/ul	95
15) Fluoranthene	19.27	202	1763	0.030	ng/ul	82
17) Pyrene	19.63	202	12861	0.188	ng/ul#	94
18) Benzo(a)anthracene	21.38	228	2844	0.047	ng/ul#	64
19) Chrysene	21.43	228	5356	0.078	ng/ul#	76
21) Benzo(b)fluoranthene	23.01	252	2265	0.031	ng/ul#	6
22) Benzo(k)fluoranthene	23.01	252	2222	0.031	ng/ul#	6
23) Benzo(a)pyrene	23.61	252	1780	0.028	ng/ul#	15
26) Benzo(g,h,i)perylene	26.80	276	3420	0.054	ng/ul#	65

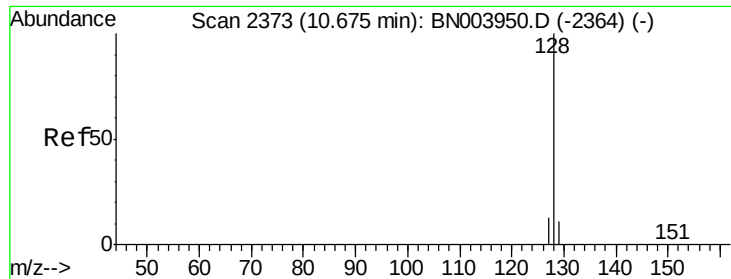
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

Instrument :

BNA_N

ClientSampleId :

F9F35DL

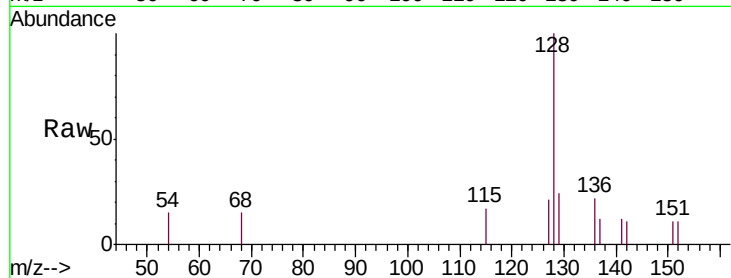
Tgt Ion:128 Resp: 804

Ion Ratio Lower Upper

128 100

129 23.7 9.0 13.6#

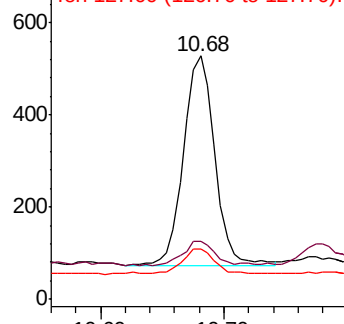
127 20.8 10.5 15.7#



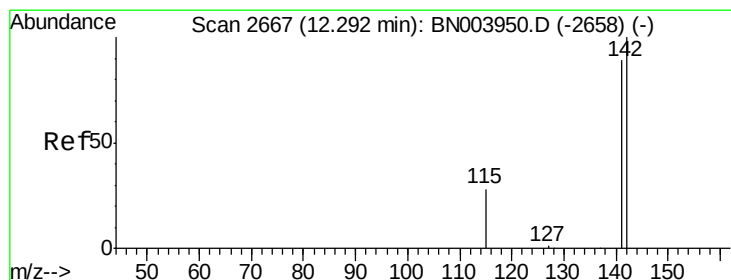
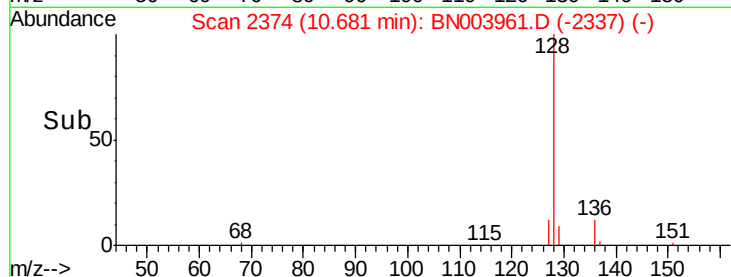
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.086 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003961.D

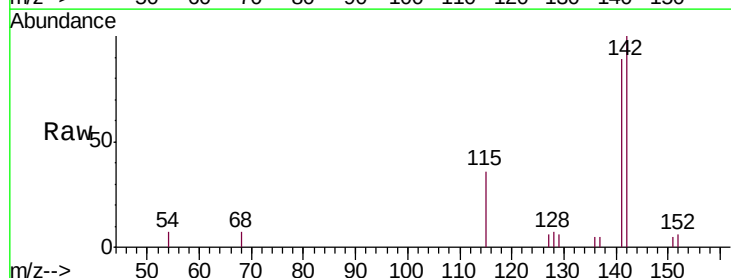
Acq: 15 Dec 2018 16:17

Tgt Ion:142 Resp: 1726

Ion Ratio Lower Upper

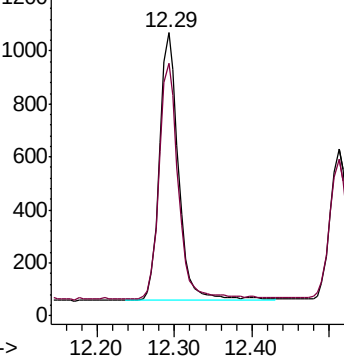
142 100

141 89.1 71.5 107.3

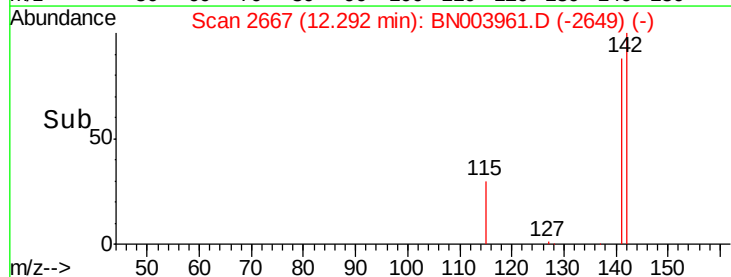


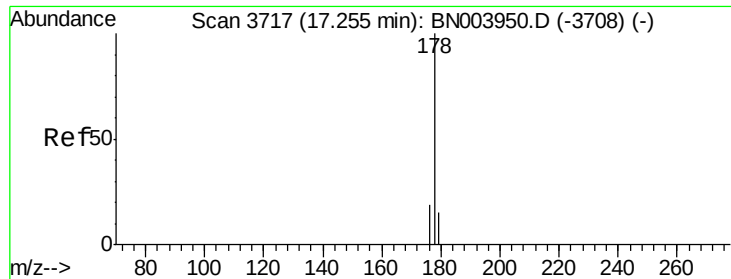
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#12

Phenanthrene

Concen: 0.133 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

Instrument :

BNA_N

ClientSampleId :

F9F35DL

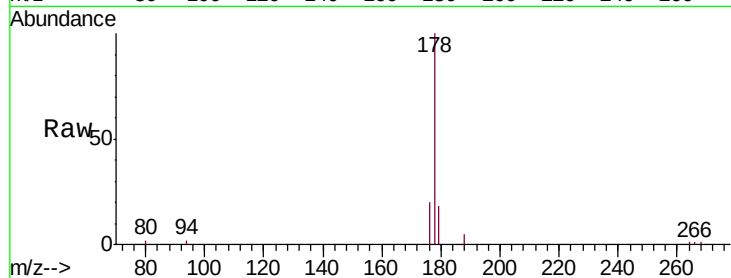
Tgt Ion:178 Resp: 6507

Ion Ratio Lower Upper

178 100

179 17.8 12.5 18.7

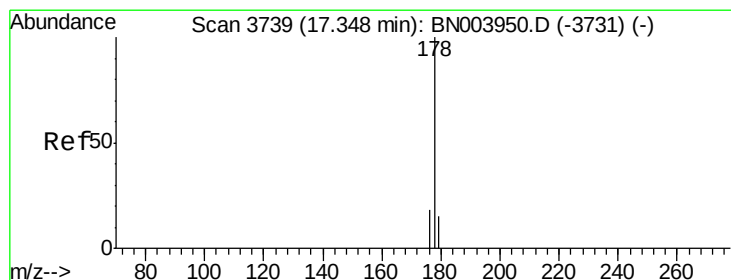
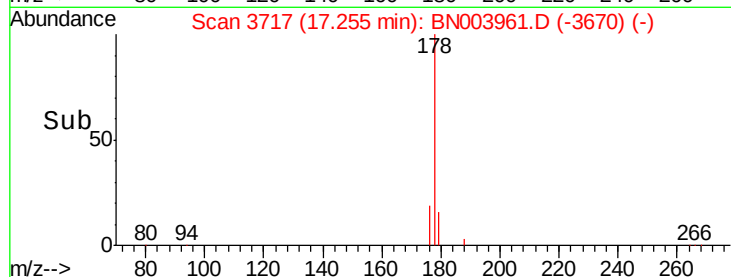
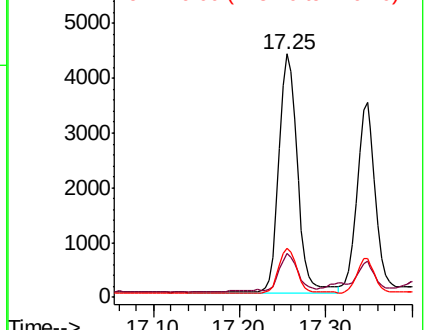
176 20.2 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

6000 Ion 179.00 (178.70 to 179.70): E

5000 Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.125 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

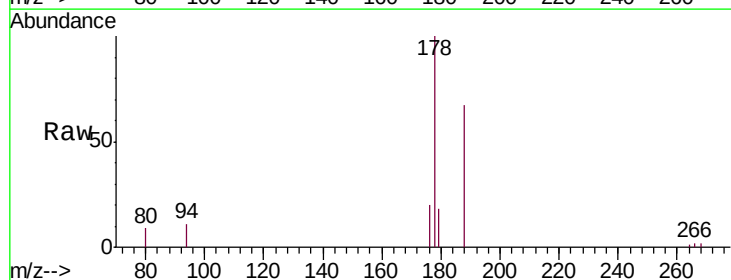
Tgt Ion:178 Resp: 5046

Ion Ratio Lower Upper

178 100

179 18.3 12.3 18.5

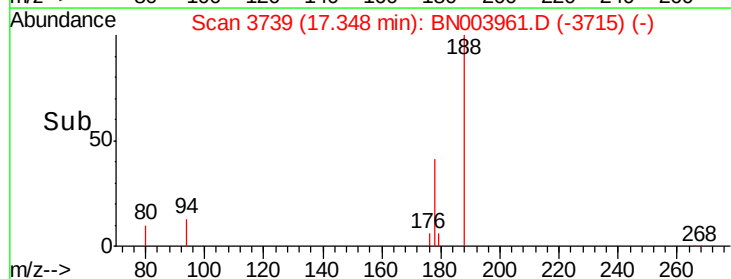
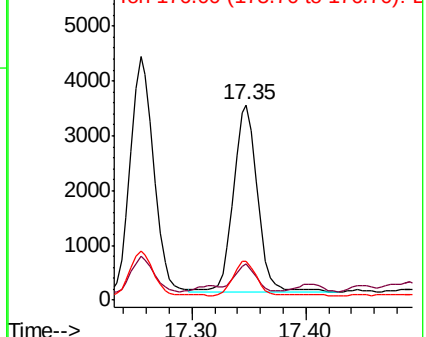
176 19.7 14.8 22.2

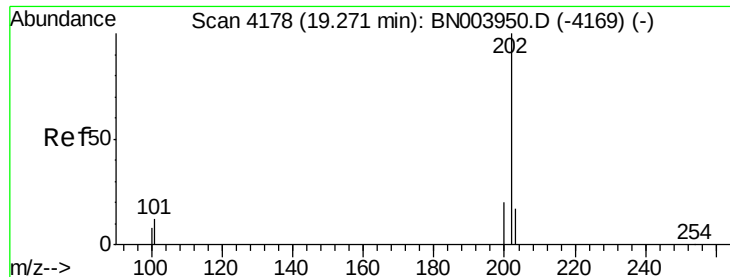


Abundance Ion 178.00 (177.70 to 178.70): E

6000 Ion 179.00 (178.70 to 179.70): E

5000 Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.030 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

Instrument :

BNA_N

ClientSampleId :

F9F35DL

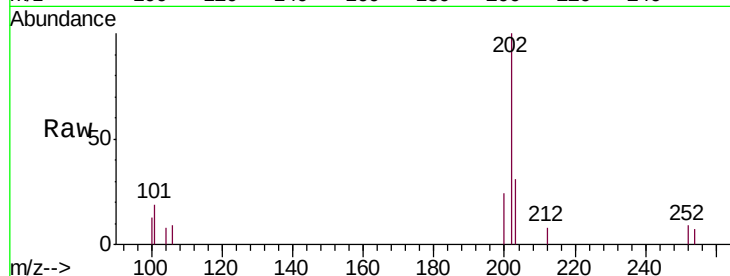
Tgt Ion:202 Resp: 1763

Ion Ratio Lower Upper

202 100

101 18.5 0.0 30.7

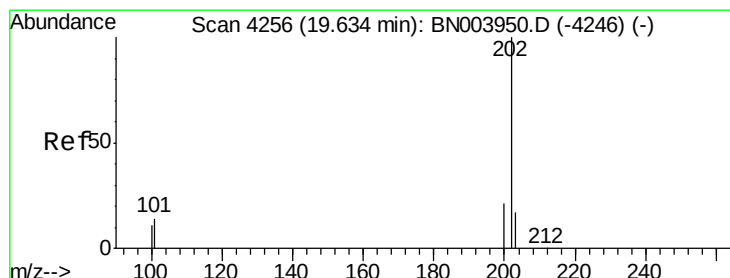
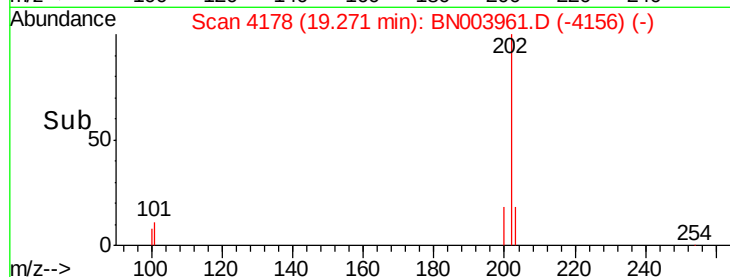
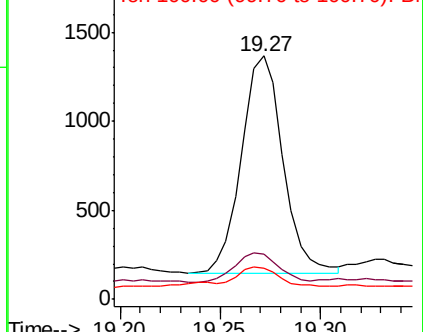
100 12.9 0.0 28.1



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: 0.188 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

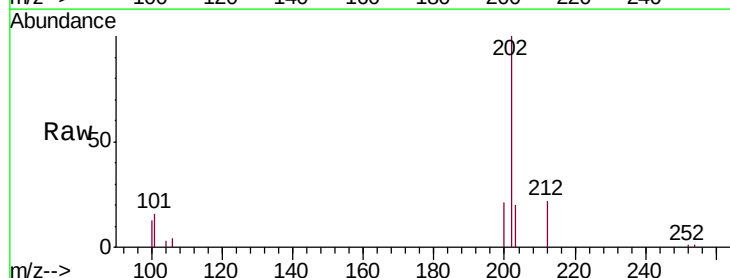
Tgt Ion:202 Resp: 12861

Ion Ratio Lower Upper

202 100

101 15.6 10.3 15.5#

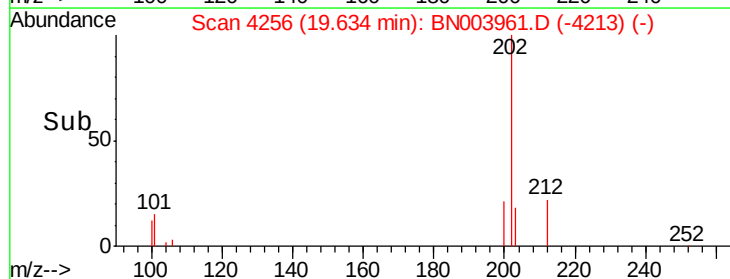
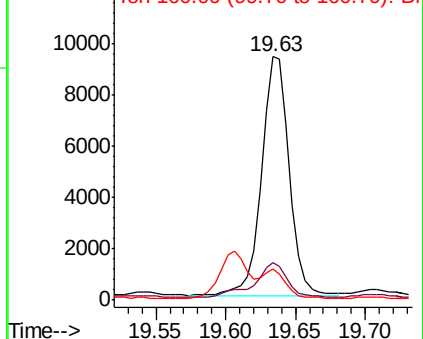
100 12.7 8.5 12.7

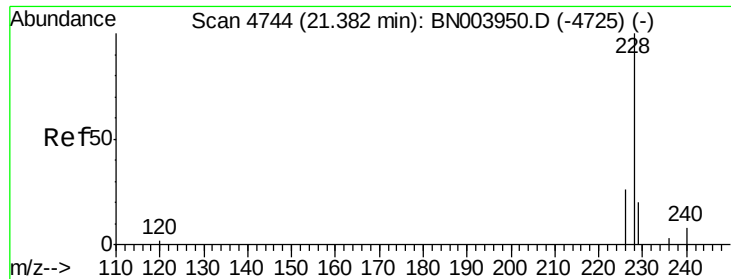


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.047 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

Instrument :

BNA_N

ClientSampleId :

F9F35DL

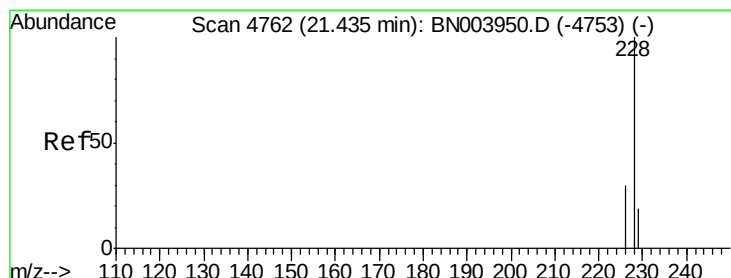
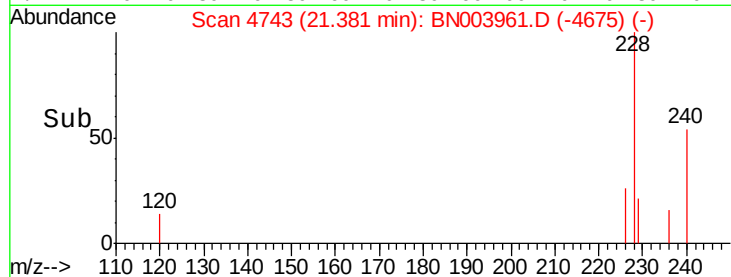
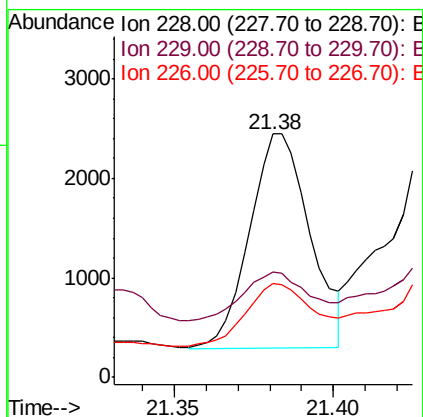
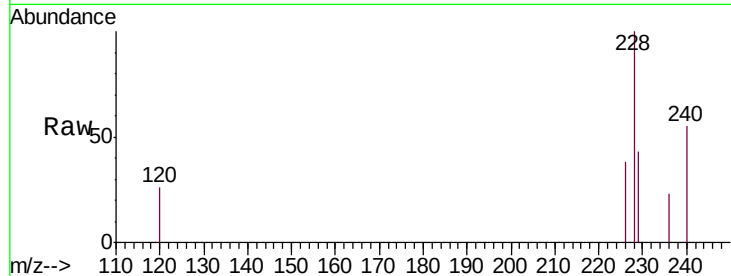
Tgt Ion:228 Resp: 2844

Ion Ratio Lower Upper

228 100

229 43.3 15.6 23.4#

226 38.3 21.1 31.7#



#19

Chrysene

Concen: 0.078 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

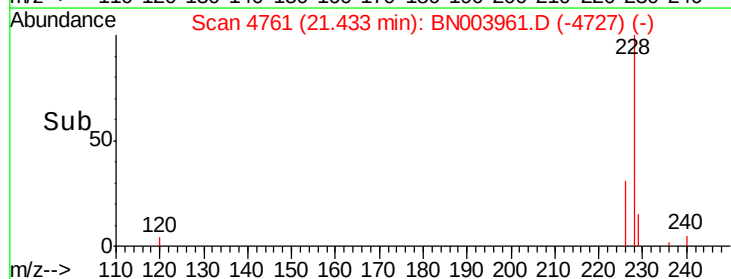
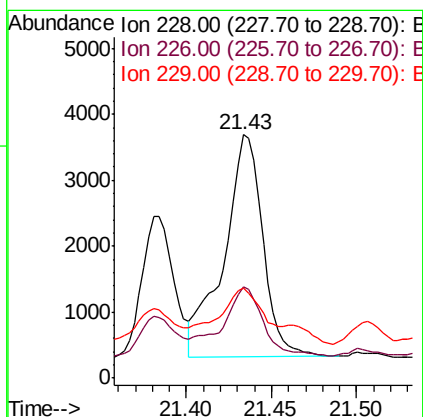
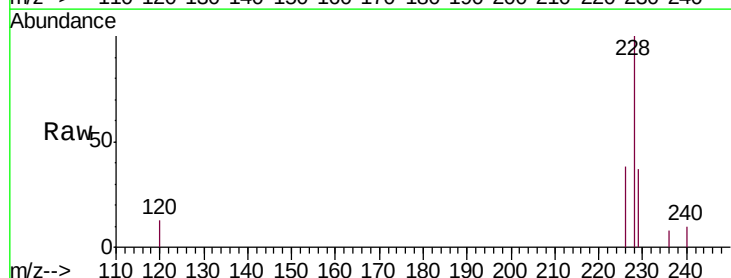
Tgt Ion:228 Resp: 5356

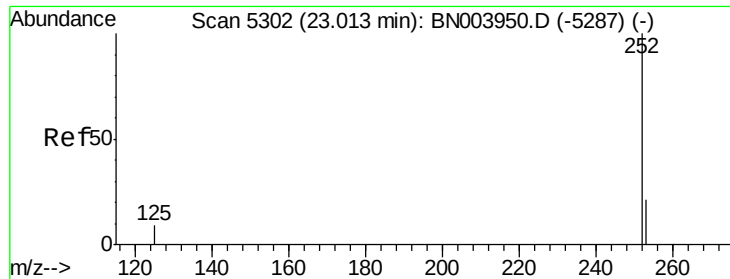
Ion Ratio Lower Upper

228 100

226 37.7 24.0 36.0#

229 36.9 15.7 23.5#





#21

Benzo(b)fluoranthene

Concen: 0.031 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. 0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

Instrument :

BNA_N

ClientSampleId :

F9F35DL

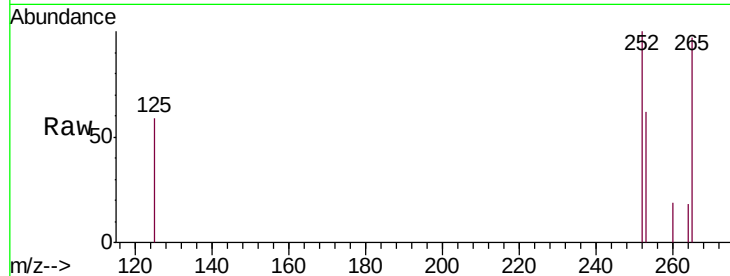
Tgt Ion:252 Resp: 2265

Ion Ratio Lower Upper

252 100

253 61.5 0.0 46.0#

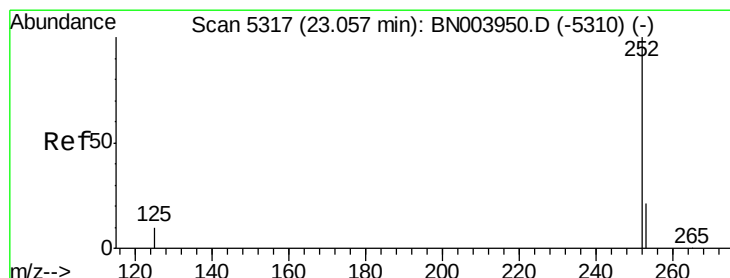
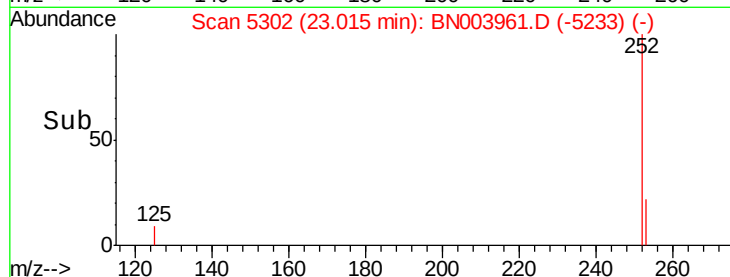
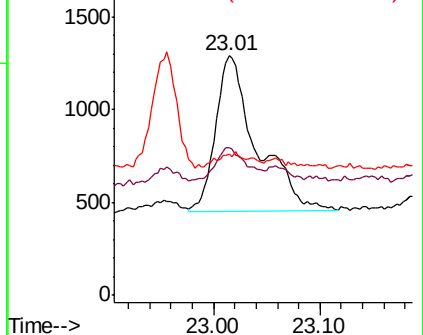
125 59.0 0.0 22.4#



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: 0.031 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.04 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

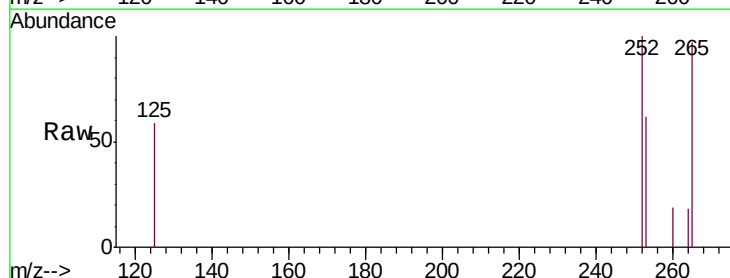
Tgt Ion:252 Resp: 2222

Ion Ratio Lower Upper

252 100

253 61.5 18.5 27.7#

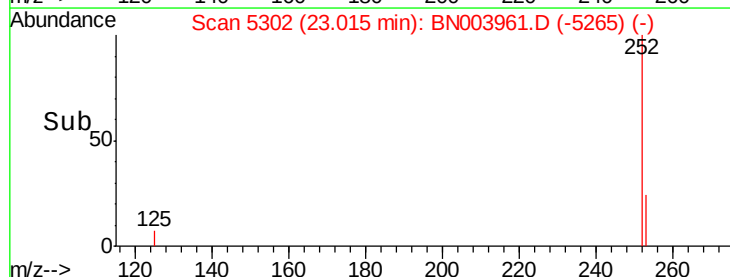
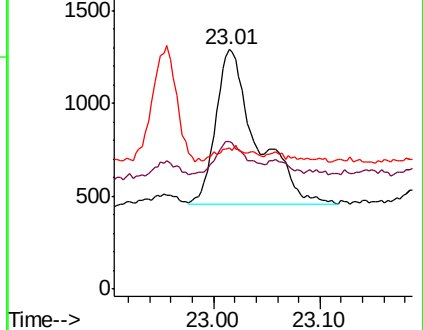
125 59.0 9.0 13.6#

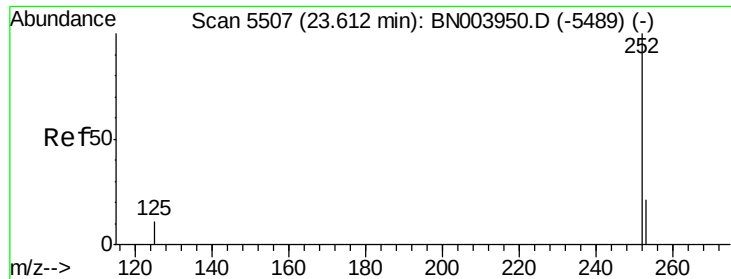


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.028 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

Instrument :

BNA_N

ClientSampleId :

F9F35DL

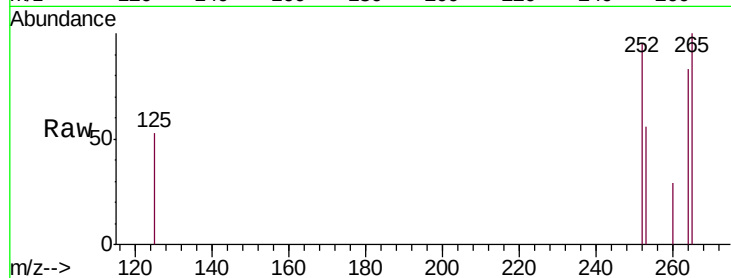
Tgt Ion:252 Resp: 1780

Ion Ratio Lower Upper

252 100

253 58.9 19.0 28.4#

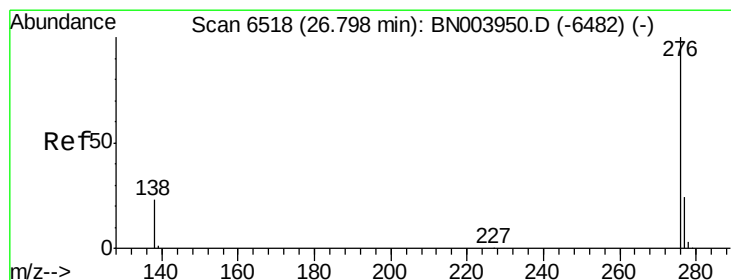
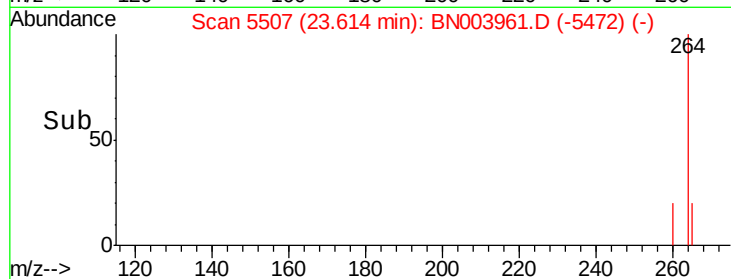
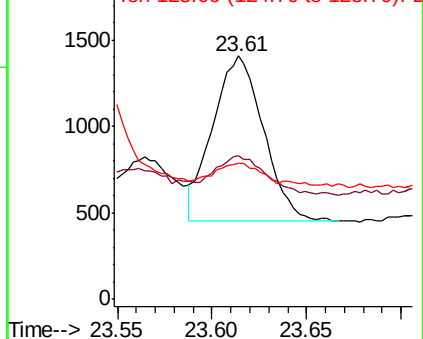
125 56.0 10.2 15.4#



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



#26

Benzo(g,h,i)perylene

Concen: 0.054 ng/ul

RT: 26.80 min Scan# 6517

Delta R.T. -0.00 min

Lab File: BN003961.D

Acq: 15 Dec 2018 16:17

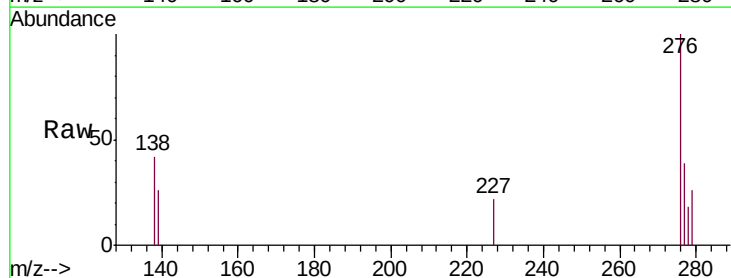
Tgt Ion:276 Resp: 3420

Ion Ratio Lower Upper

276 100

138 41.7 17.7 26.5#

277 38.7 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

