

Data File : BN009074.D
Acq On : 20 Dec 2019 18:40
Operator : JU
Sample : K6171-15DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BY9DL

Quant Time: Dec 20 22:59:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 22:55:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4431	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	16858	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	8902	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	17012	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9388	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	9118	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	968	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1741	0.03	ng/ul	0.00

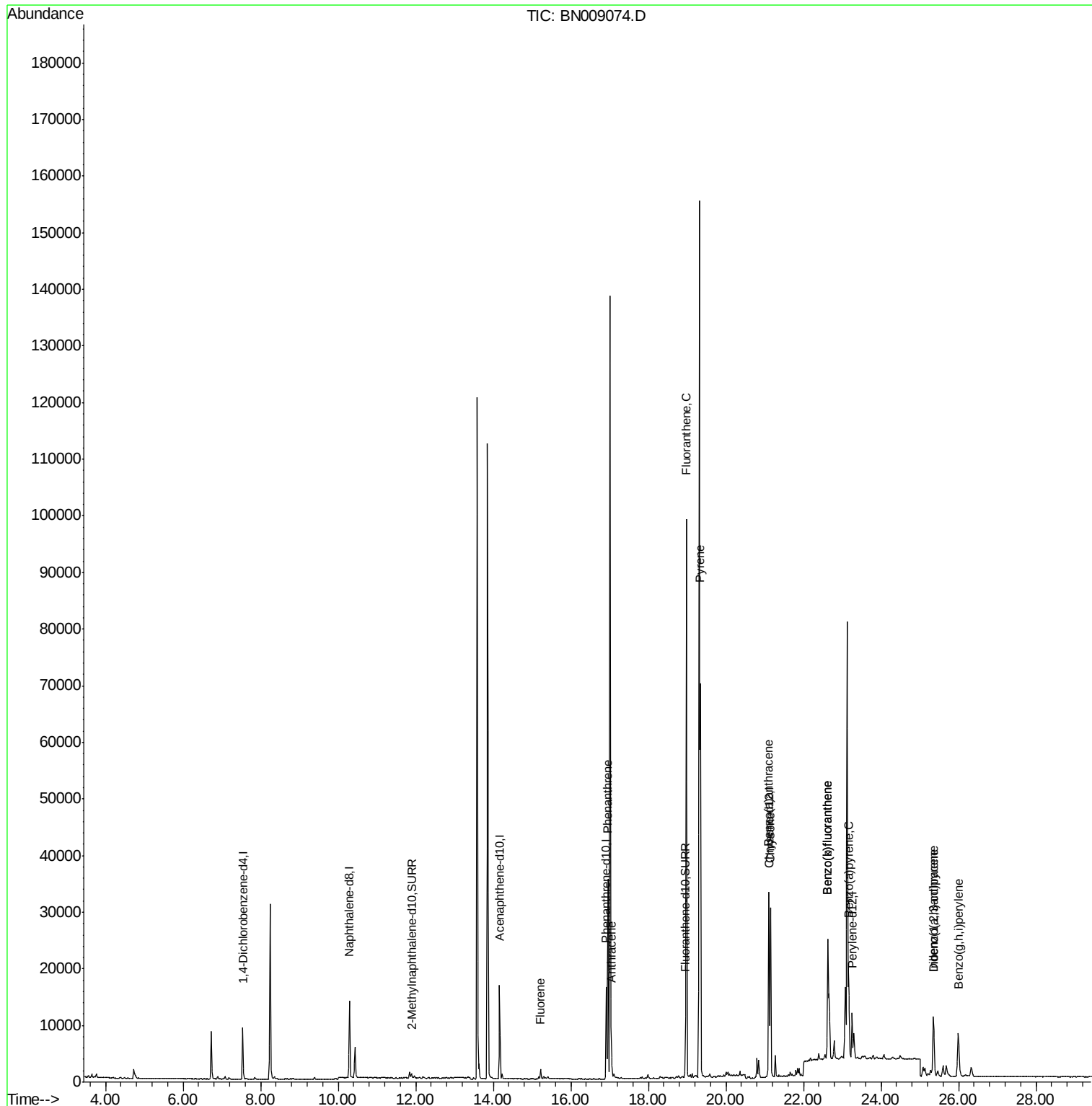
Target Compounds						Qvalue
9) Fluorene	15.22	166	1047	0.024	ng/ul#	96
12) Phenanthrene	16.95	178	35544	0.601	ng/ul	99
13) Anthracene	17.04	178	7071	0.133	ng/ul	98
15) Fluoranthene	18.98	202	81078	1.198	ng/ul	99
17) Pyrene	19.34	202	63141	1.318	ng/ul	98
18) Benzo(a)anthracene	21.10	228	26068	0.625	ng/ul	98
19) Chrysene	21.15	228	28556	0.682	ng/ul	98
21) Benzo(b)fluoranthene	22.63	252	44375	1.042	ng/ul	99
22) Benzo(k)fluoranthene	22.63	252	44375	1.034	ng/ul	99
23) Benzo(a)pyrene	23.16	252	21479	0.576	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.35	276	15117	0.372	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.36	278	3582	0.111	ng/ul#	76
26) Benzo(g,h,i)perylene	25.99	276	14490	0.423	ng/ul	99

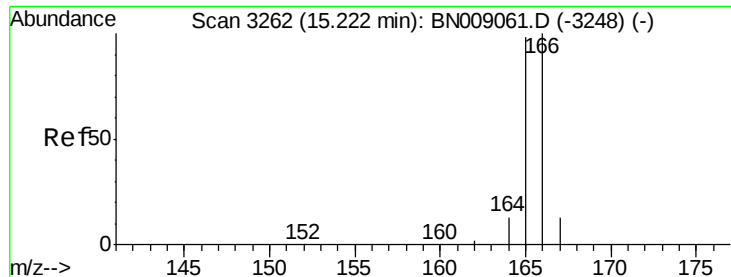
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN009074.D
Acq On : 20 Dec 2019 18:40
Operator : JU
Sample : K6171-15DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BY9DL

Quant Time: Dec 20 22:59:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 22:55:30 2019
Response via : Initial Calibration





#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

ClientSampleId :

C0BY9DL

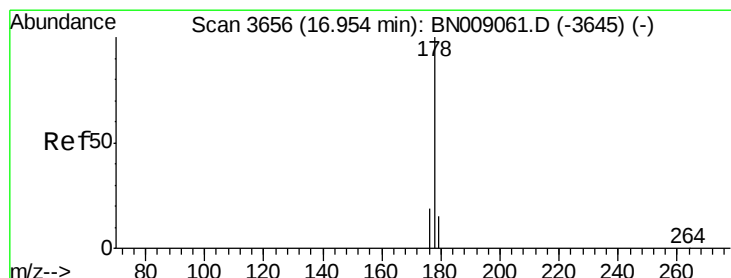
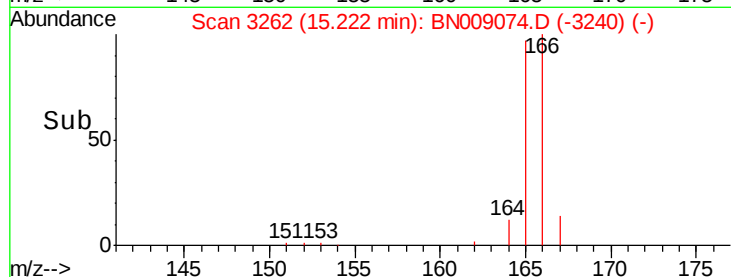
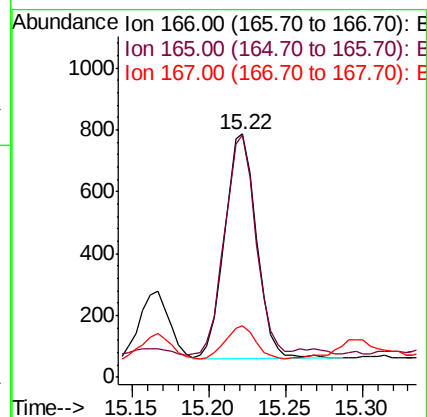
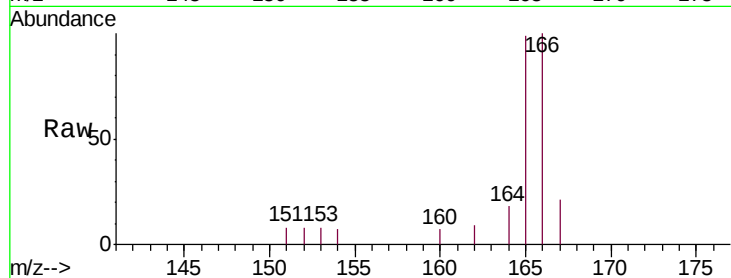
Tgt Ion:166 Resp: 1047

Ion Ratio Lower Upper

166 100

165 99.5 78.2 117.4

167 21.3 11.0 16.6#



#12

Phenanthrene

Concen: 0.601 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

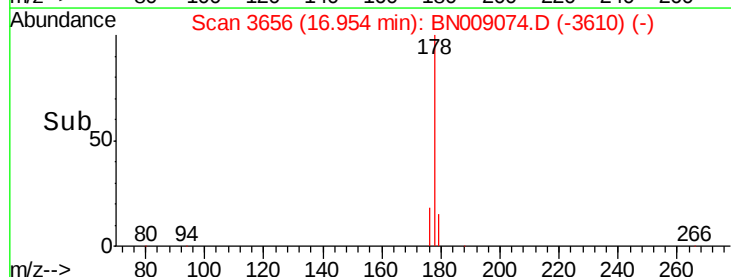
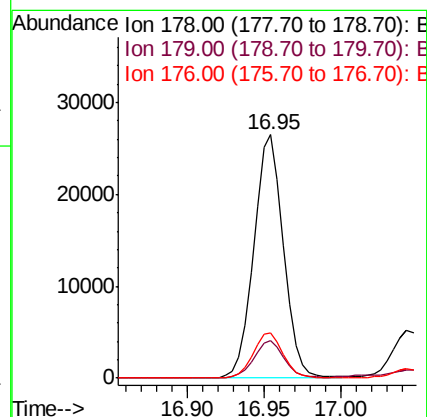
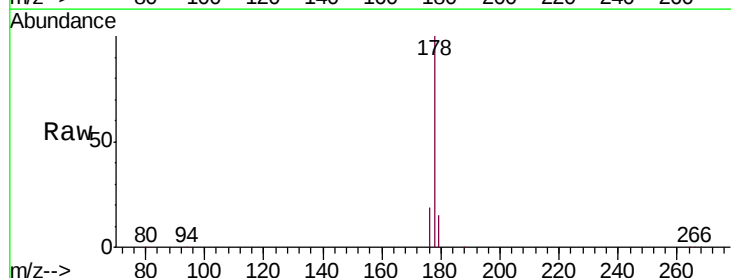
Tgt Ion:178 Resp: 35544

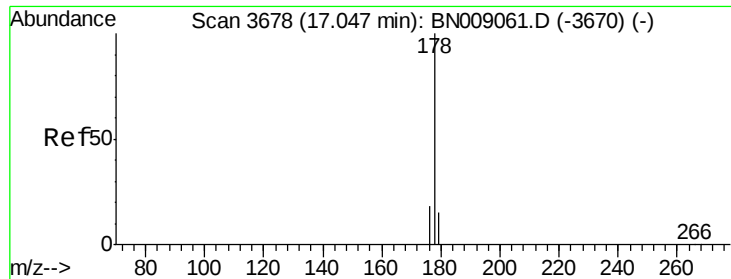
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.5 15.1 22.7





#13

Anthracene

Concen: 0.133 ng/ul

RT: 17.04 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

ClientSampleId :

C0BY9DL

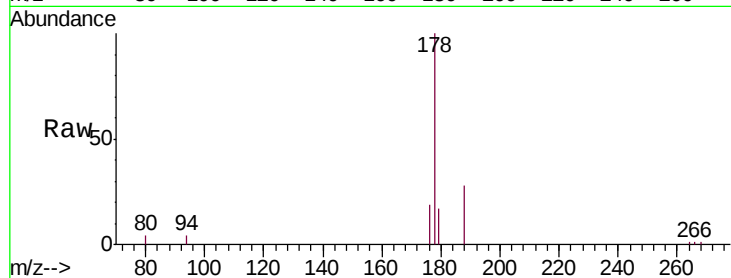
Tgt Ion:178 Resp: 7071

Ion Ratio Lower Upper

178 100

179 16.6 12.5 18.7

176 19.1 14.9 22.3

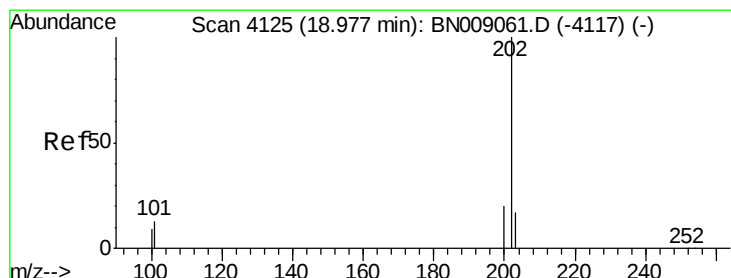
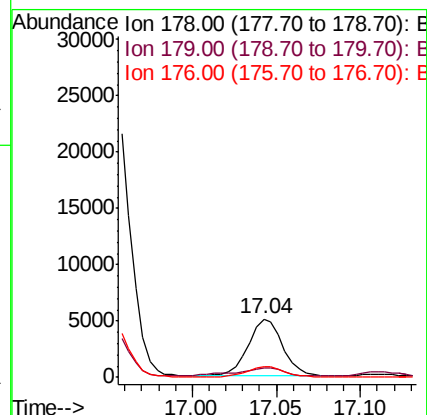
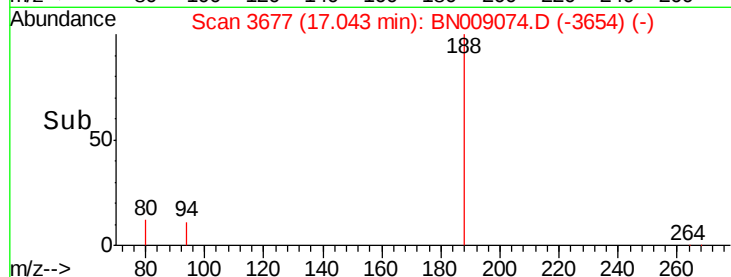


Abundance

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: 1.198 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

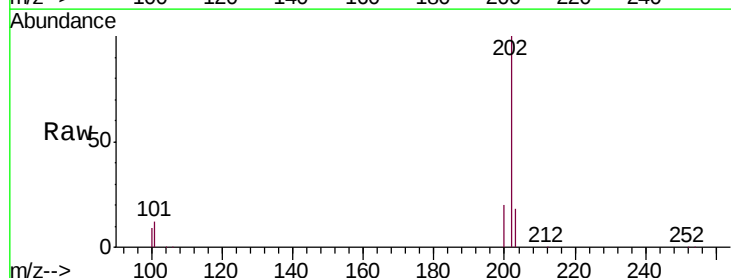
Tgt Ion:202 Resp: 81078

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.5

100 8.9 0.0 28.9

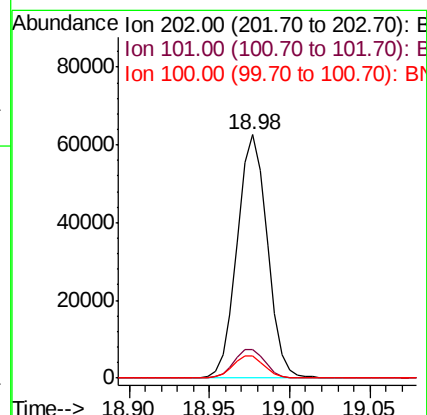
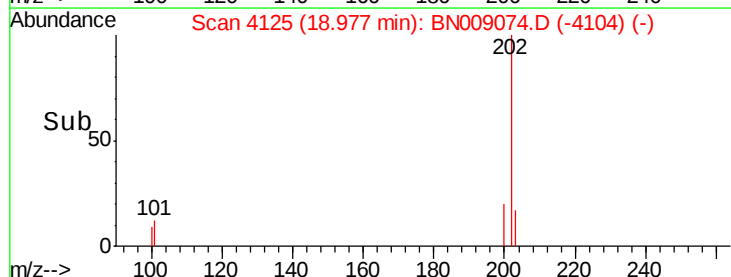


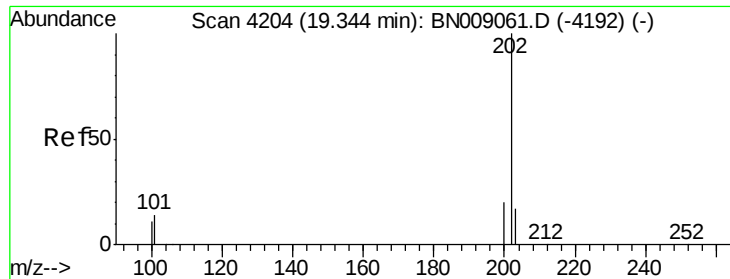
Abundance

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

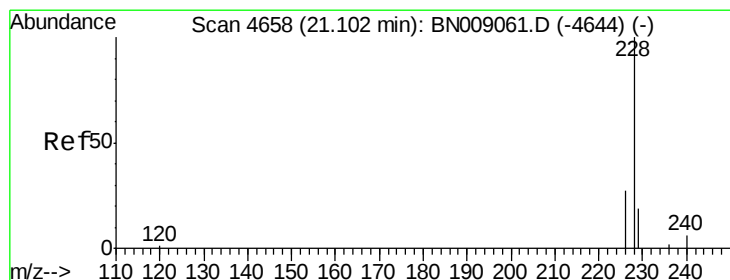
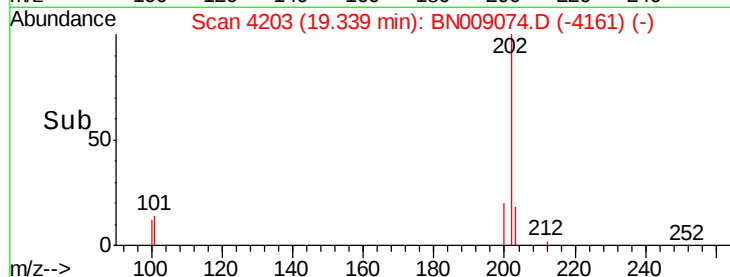
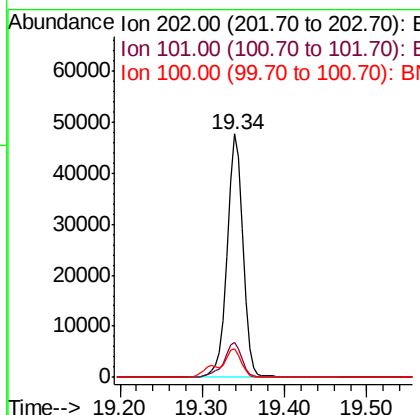
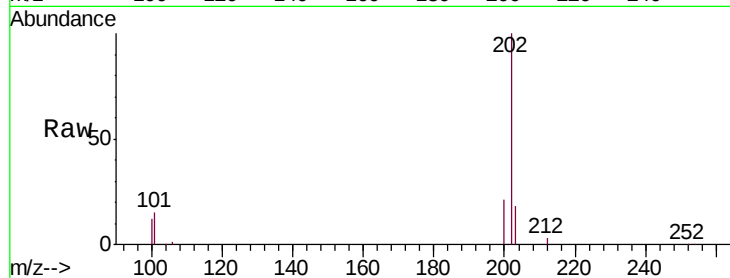




#17
Pyrene
Concen: 1.318 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009074.D
Acq: 20 Dec 2019 18:40

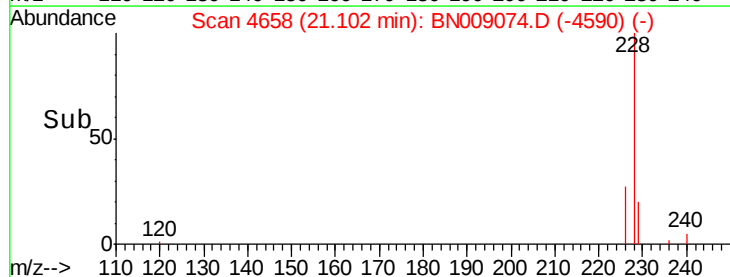
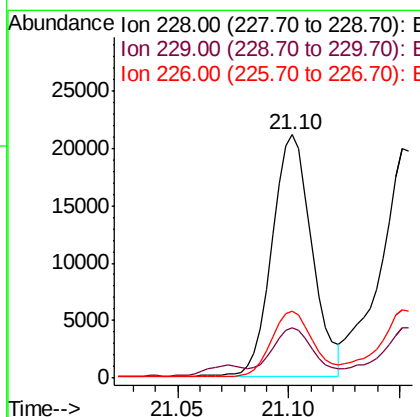
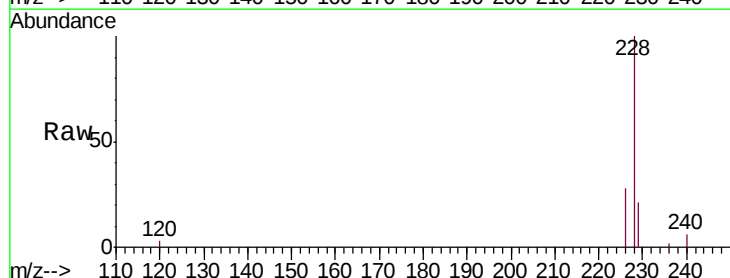
Instrument :
BNA_N
ClientSampleId :
C0BY9DL

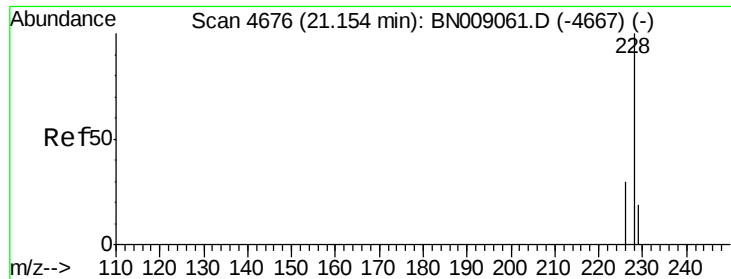
Tgt Ion:202 Resp: 63141
Ion Ratio Lower Upper
202 100
101 14.6 10.9 16.3
100 11.8 9.0 13.6



#18
Benzo(a)anthracene
Concen: 0.625 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009074.D
Acq: 20 Dec 2019 18:40

Tgt Ion:228 Resp: 26068
Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 27.8 21.7 32.5





#19

Chrysene

Concen: 0.682 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

ClientSampleId :

C0BY9DL

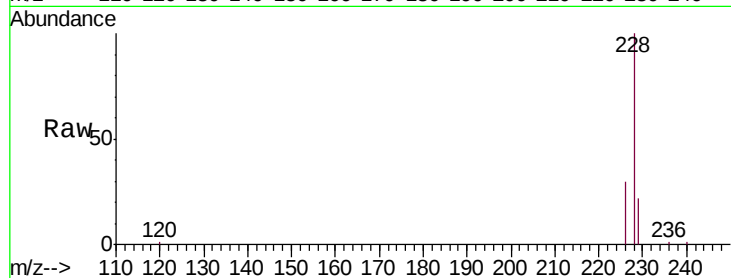
Tgt Ion:228 Resp: 28556

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

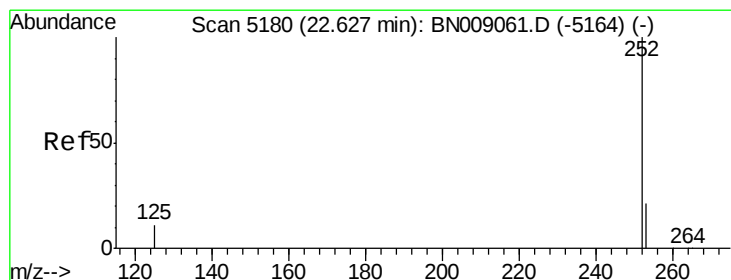
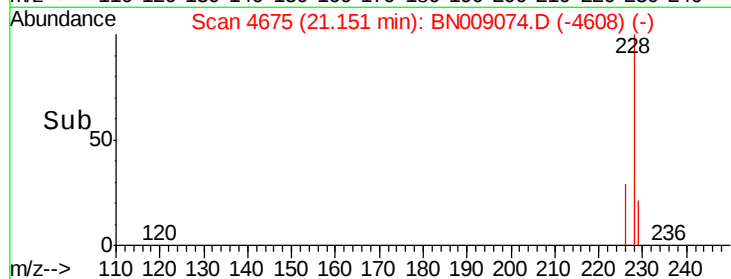
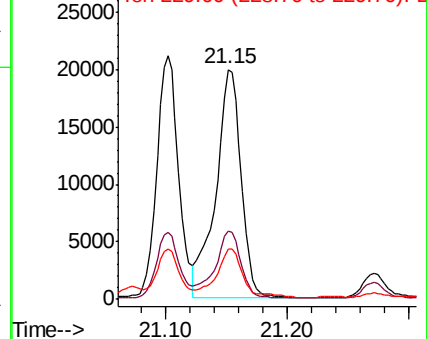
229 21.6 15.4 23.0



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: 1.042 ng/ul

RT: 22.63 min Scan# 5180

Delta R.T. 0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

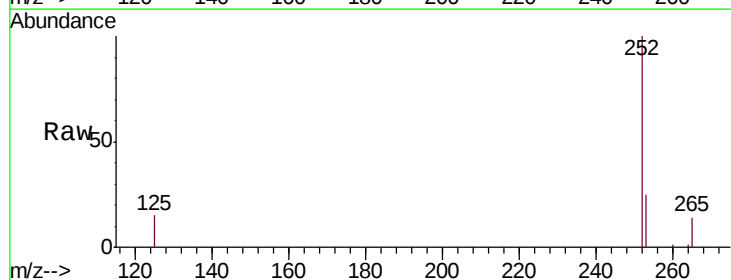
Tgt Ion:252 Resp: 44375

Ion Ratio Lower Upper

252 100

253 24.9 0.0 48.2

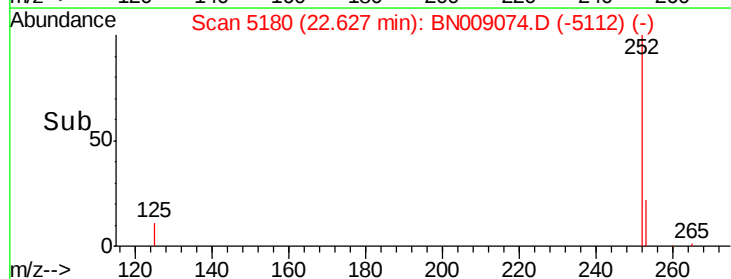
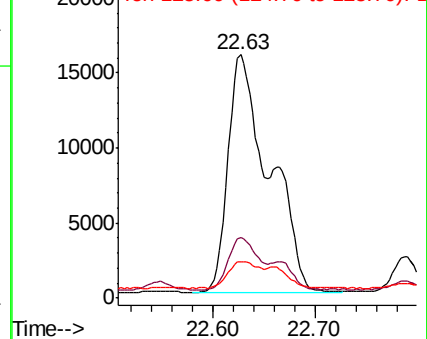
125 15.0 0.0 30.0

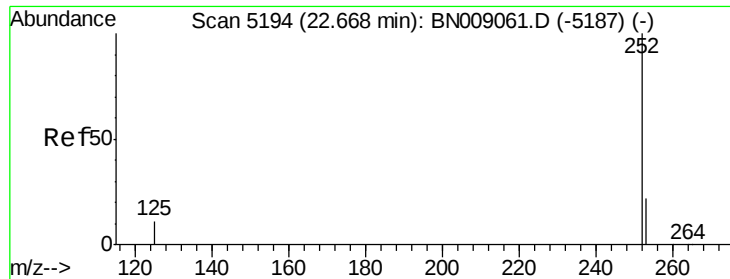


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.034 ng/ul

RT: 22.63 min Scan# 5180

Delta R.T. -0.04 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

ClientSampleId :

C0BY9DL

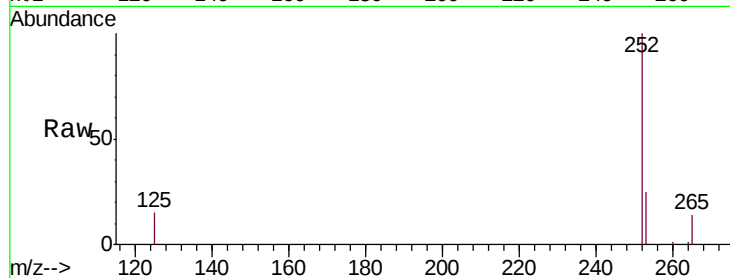
Tgt Ion:252 Resp: 44375

Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.0

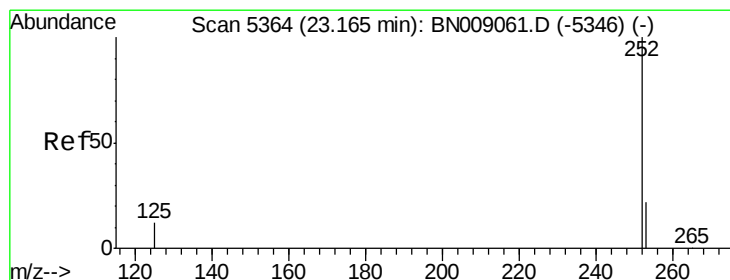
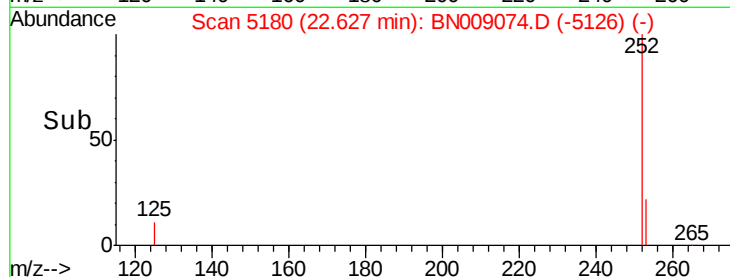
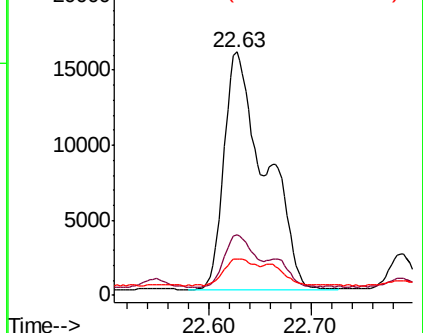
125 15.0 12.4 18.6



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: 0.576 ng/ul

RT: 23.16 min Scan# 5363

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

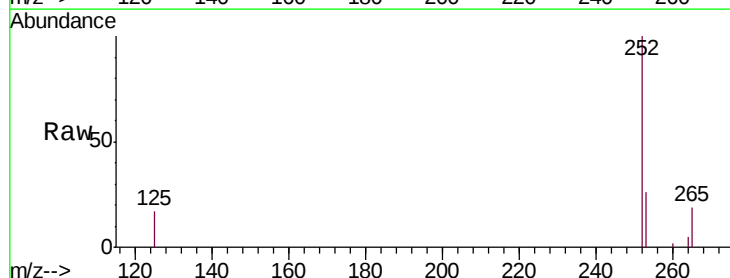
Tgt Ion:252 Resp: 21479

Ion Ratio Lower Upper

252 100

253 25.7 20.2 30.4

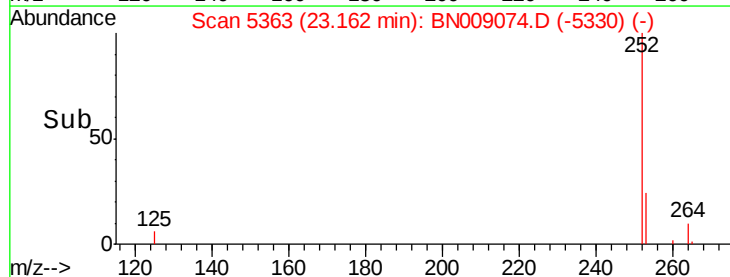
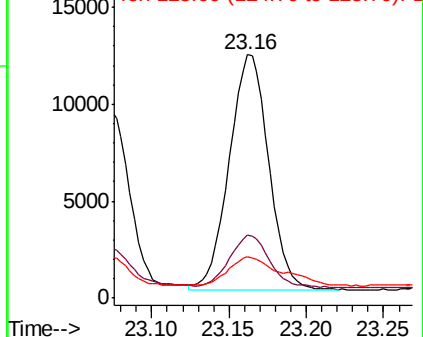
125 16.8 13.2 19.8

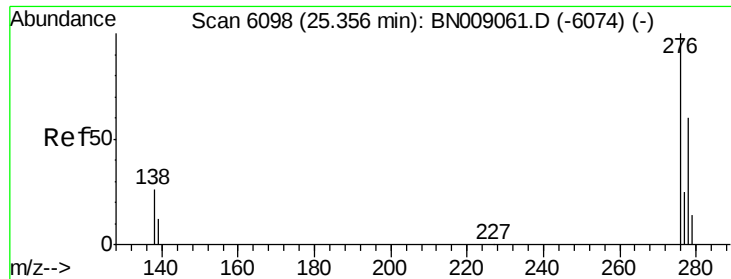


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng/ul

RT: 25.35 min Scan# 6097

Delta R.T. -0.01 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

ClientSampleId :

C0BY9DL

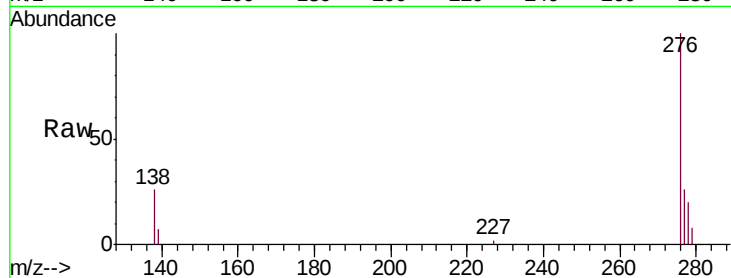
Tgt Ion:276 Resp: 15117

Ion Ratio Lower Upper

276 100

138 23.9 22.4 33.6

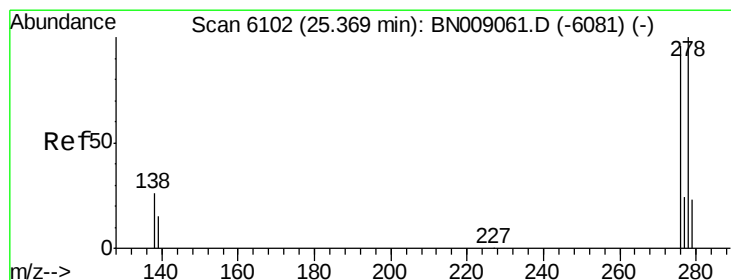
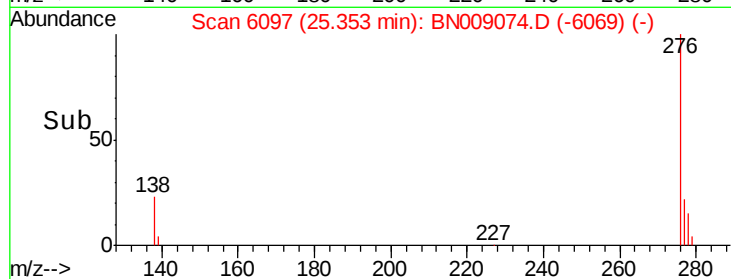
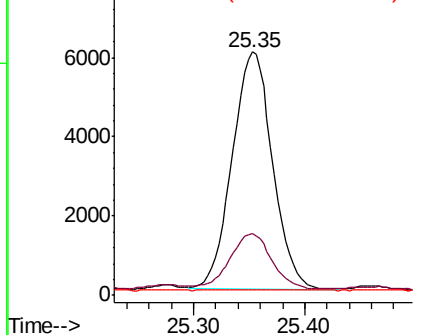
227 0.0 0.2 0.4#



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: 0.111 ng/ul

RT: 25.36 min Scan# 6098

Delta R.T. -0.02 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

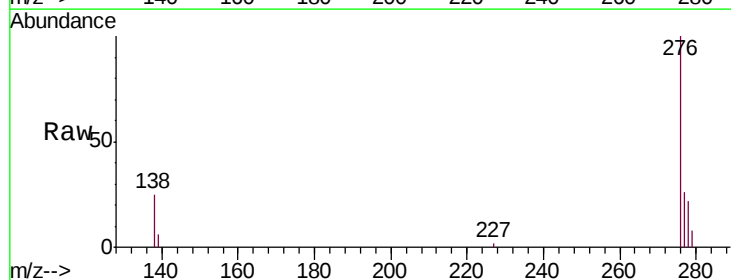
Tgt Ion:278 Resp: 3582

Ion Ratio Lower Upper

278 100

139 29.8 16.2 24.2#

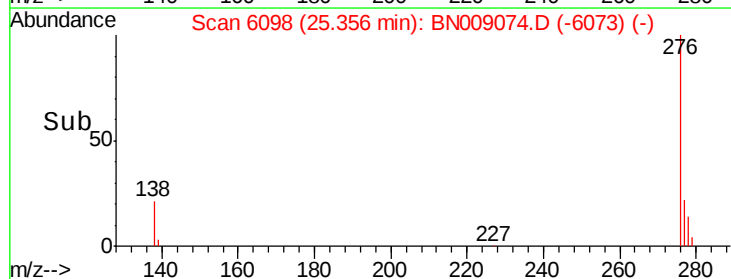
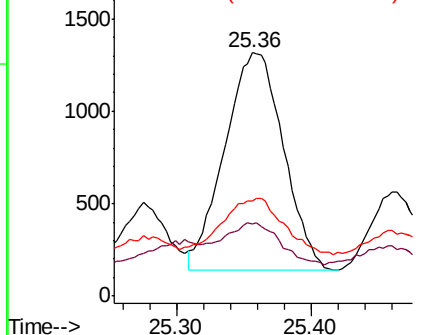
279 39.0 20.3 30.5#

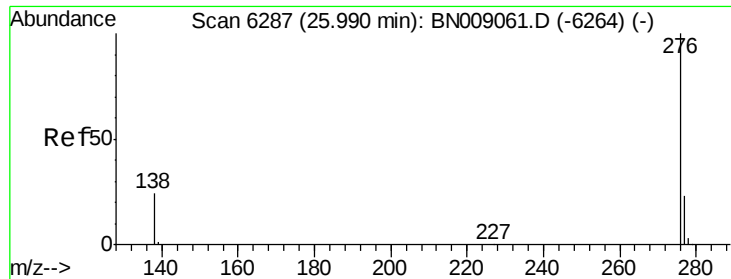


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.423 ng/ul

RT: 25.99 min Scan# 6287

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

ClientSampleId :

C0BY9DL

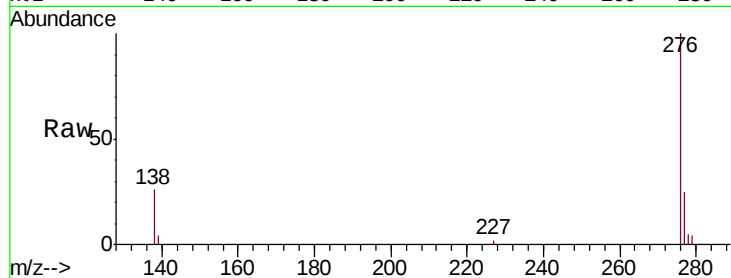
Tgt Ion: 276 Resp: 14490

Ion Ratio Lower Upper

276 100

138 26.1 20.6 30.8

277 24.7 19.6 29.4



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

