

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021119\
 Data File : BN004377.D
 Acq On : 11 Feb 2019 14:37
 Operator : JU/SJ
 Sample : K1410-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2F73

Quant Time: Feb 11 15:23:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 14:04:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1336	0.40	ng/ul	0.00
2) Naphthalene-d8	10.54	136	4954	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.39	164	2723	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	7252	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	8011	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	9395	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.13	152	3050	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	8594	0.38	ng/ul	0.00

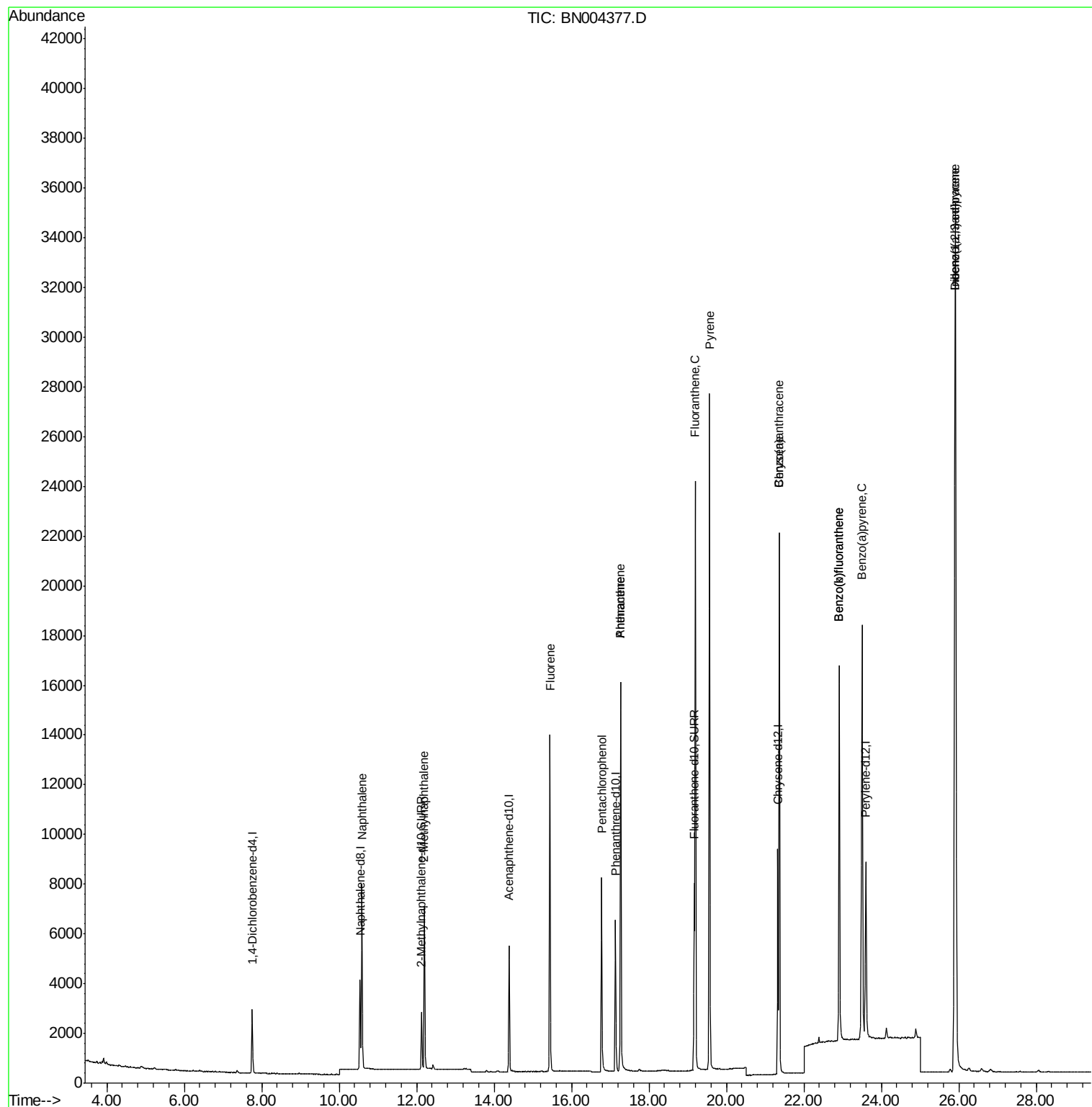
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.59	128	9982	0.702	ng/ul	99
5) 2-Methylnaphthalene	12.20	142	4748	0.467	ng/ul	100
9) Fluorene	15.44	166	8432	0.653	ng/ul	99
11) Pentachlorophenol	16.78	266	5311	3.439	ng/ul	97
12) Phenanthrene	17.27	178	17842	0.757	ng/ul	99
13) Anthracene	17.27	178	18036	0.908	ng/ul	99
15) Fluoranthene	19.20	202	20588	0.713	ng/ul	99
17) Pyrene	19.56	202	23809	0.923	ng/ul	100
18) Benzo(a)anthracene	21.37	228	18549	0.718	ng/ul	97
19) Chrysene	21.37	228	18615	0.621	ng/ul	100
21) Benzo(b)fluoranthene	22.92	252	19537	0.520	ng/ul	100
22) Benzo(k)fluoranthene	22.92	252	19529	0.529	ng/ul	99
23) Benzo(a)pyrene	23.50	252	24717	0.736	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.91	276	13381	0.303	ng/ul#	56
25) Dibenzo(a,h)anthracene	25.91	278	55312	1.546	ng/ul	97

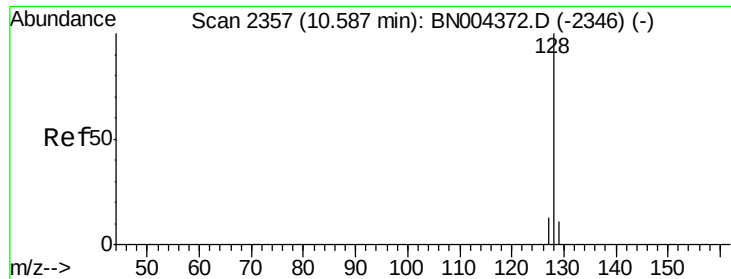
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.702 ng/ul

RT: 10.59 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

Instrument :

BNA_N

ClientSampleId :

X2F73

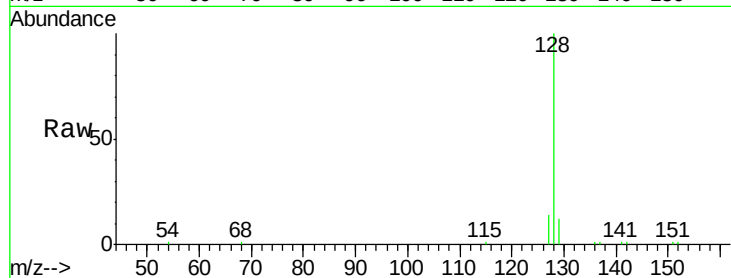
Tgt Ion:128 Resp: 9982

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

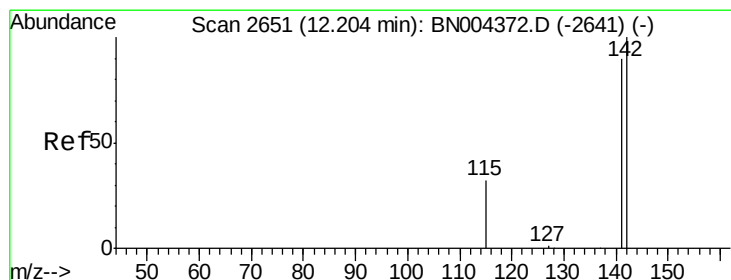
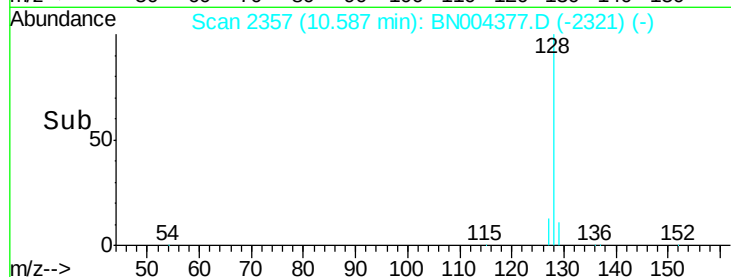
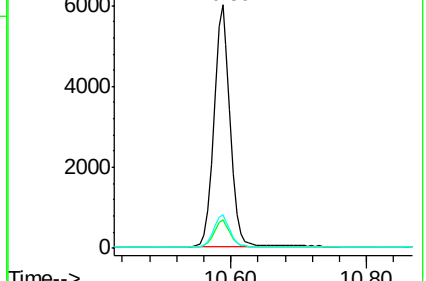
127 13.8 11.4 17.0



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: 0.467 ng/ul

RT: 12.20 min Scan# 2651

Delta R.T. -0.00 min

Lab File: BN004377.D

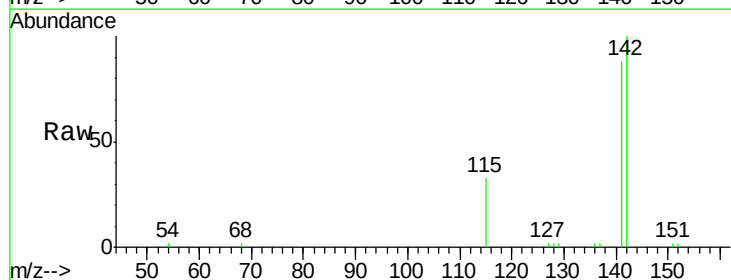
Acq: 11 Feb 2019 14:37

Tgt Ion:142 Resp: 4748

Ion Ratio Lower Upper

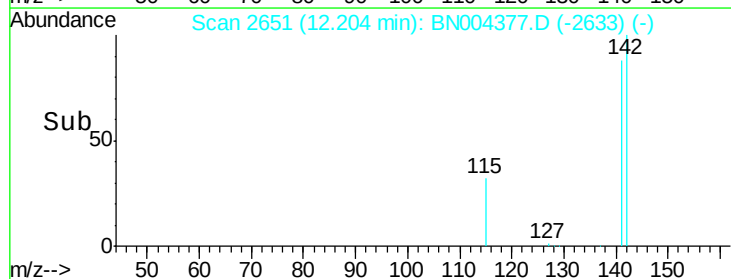
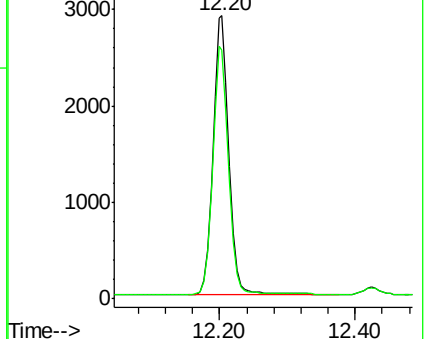
142 100

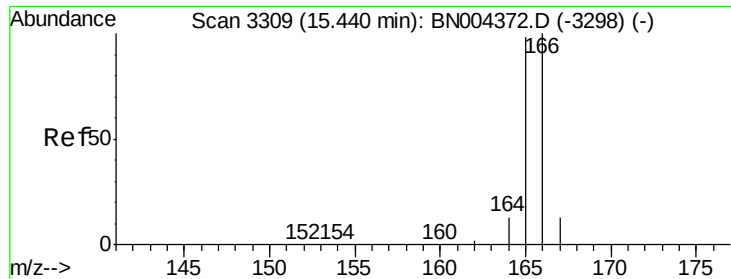
141 89.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

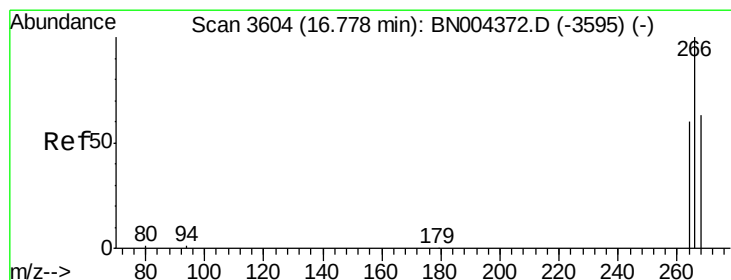
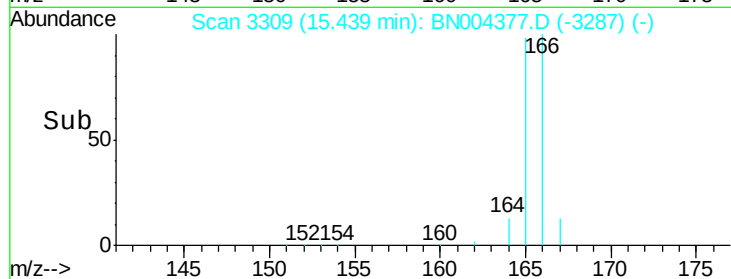
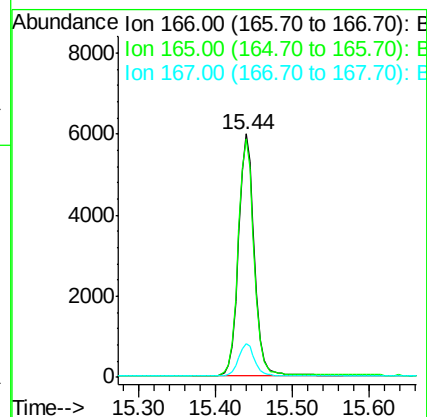
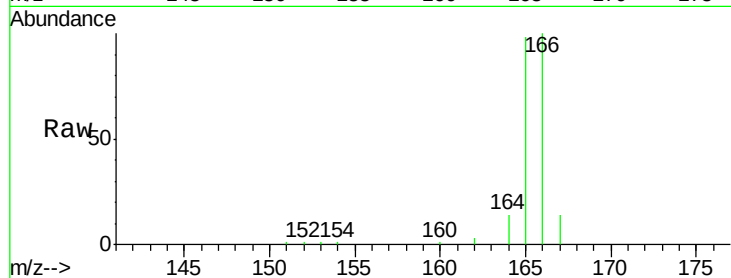




#9
Fluorene
 Concen: 0.653 ng/ul
 RT: 15.44 min Scan# 3309
 Delta R.T. -0.00 min
 Lab File: BN004377.D
 Acq: 11 Feb 2019 14:37

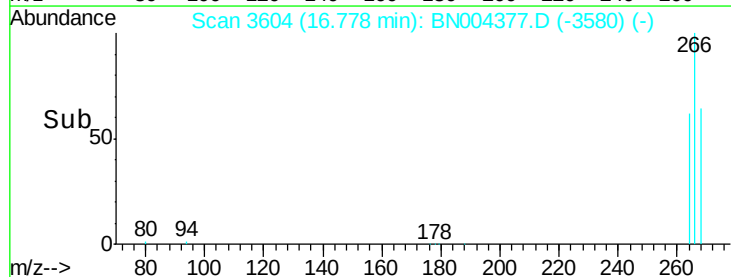
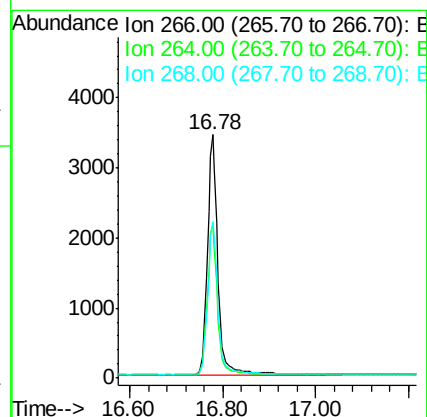
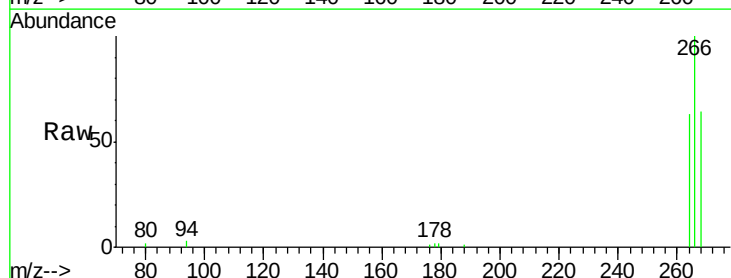
Instrument :
 BNA_N
 ClientSampleId :
 X2F73

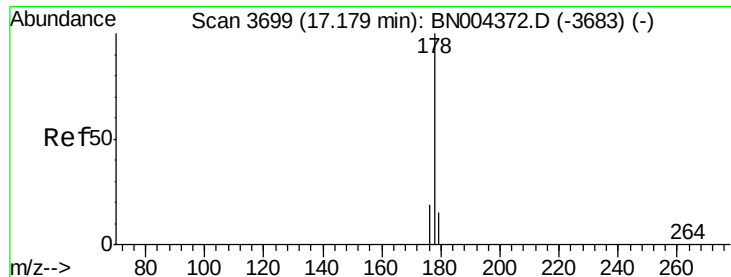
Tgt Ion:166 Resp: 8432
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.9 118.3
 167 13.8 11.6 17.4



#11
Pentachlorophenol
 Concen: 3.439 ng/ul
 RT: 16.78 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: BN004377.D
 Acq: 11 Feb 2019 14:37

Tgt Ion:266 Resp: 5311
 Ion Ratio Lower Upper
 266 100
 264 62.4 52.3 78.5
 268 62.7 49.0 73.6





#12

Phenanthrene

Concen: 0.757 ng/ul

RT: 17.27 min Scan# 3720

Delta R.T. 0.09 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

Instrument :

BNA_N

ClientSampleId :

X2F73

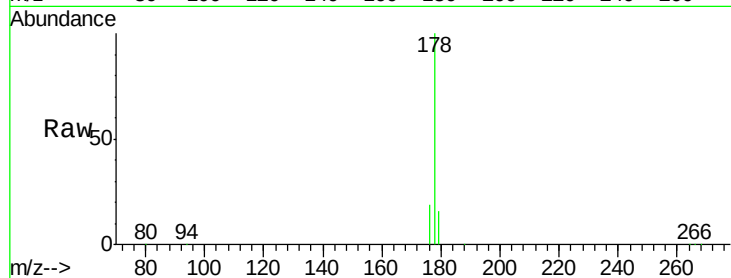
Tgt Ion:178 Resp: 17842

Ion Ratio Lower Upper

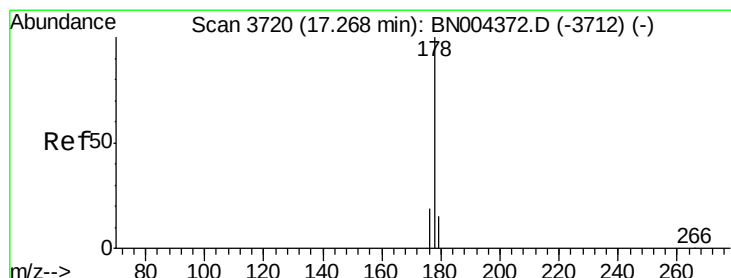
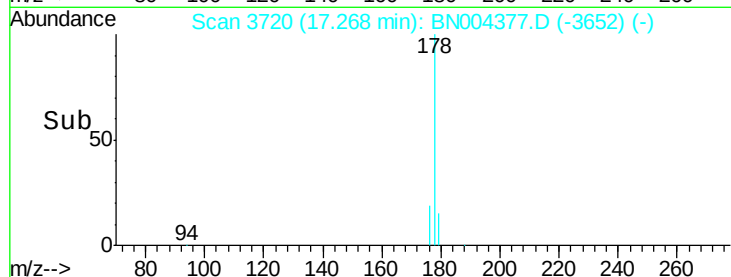
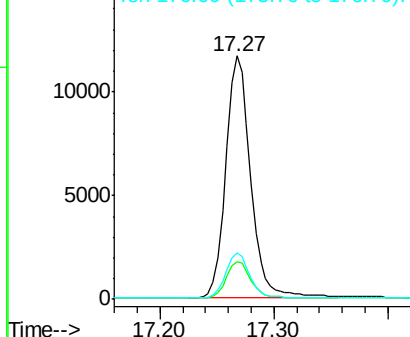
178 100

179 15.6 12.6 19.0

176 19.0 15.8 23.6



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: 0.908 ng/ul

RT: 17.27 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

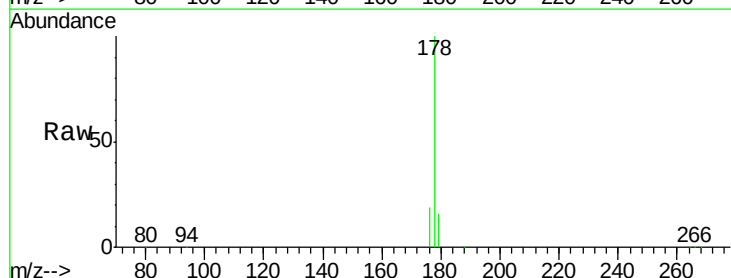
Tgt Ion:178 Resp: 18036

Ion Ratio Lower Upper

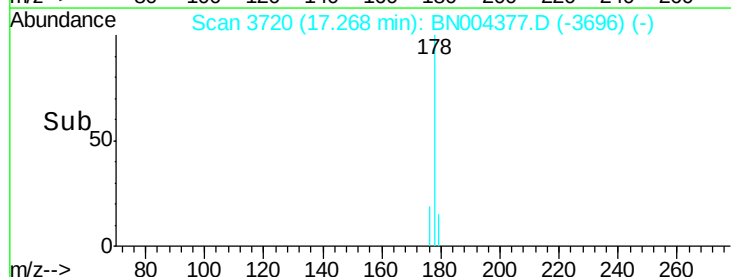
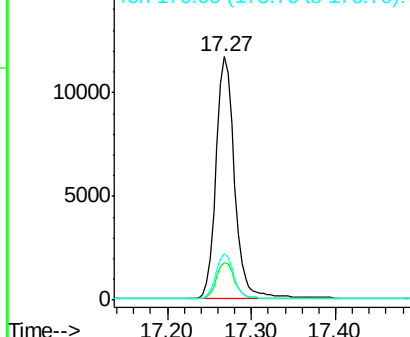
178 100

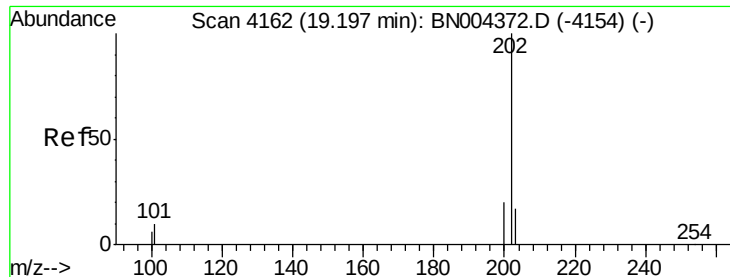
179 15.6 13.0 19.4

176 19.0 15.5 23.3



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: 0.713 ng/ul

RT: 19.20 min Scan# 4162

Delta R.T. -0.00 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

Instrument :

BNA_N

ClientSampleId :

X2F73

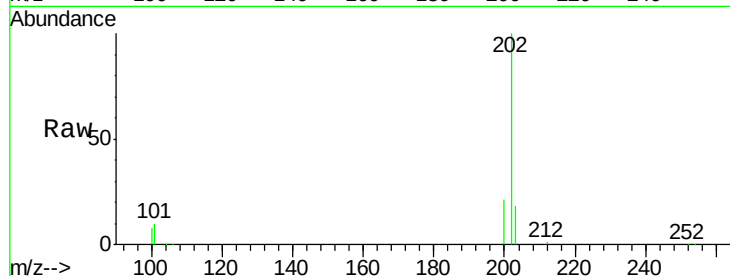
Tgt Ion:202 Resp: 20588

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.4

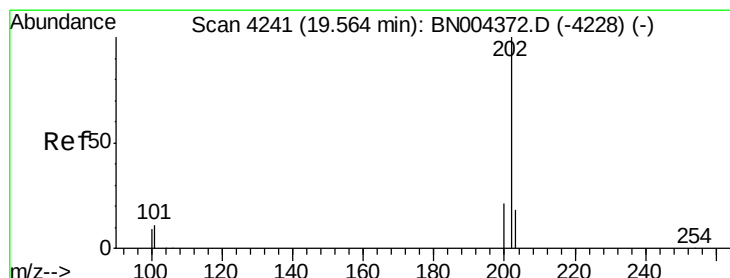
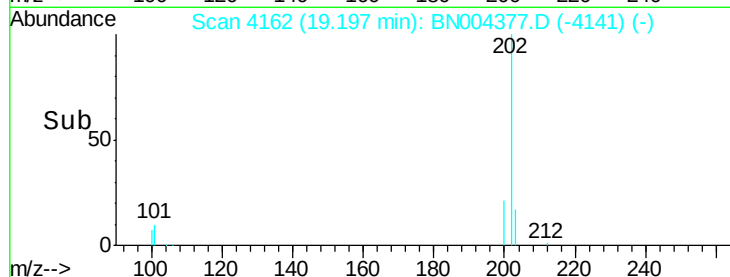
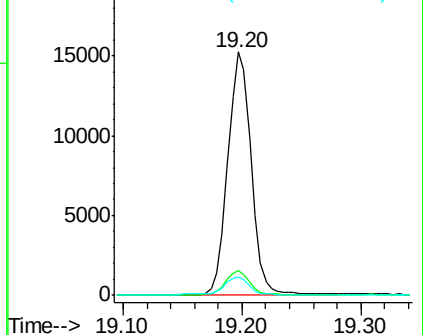
100 7.7 0.0 27.6



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: 0.923 ng/ul

RT: 19.56 min Scan# 4241

Delta R.T. -0.00 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

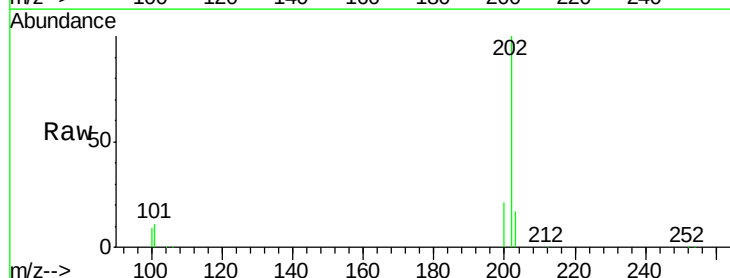
Tgt Ion:202 Resp: 23809

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.6

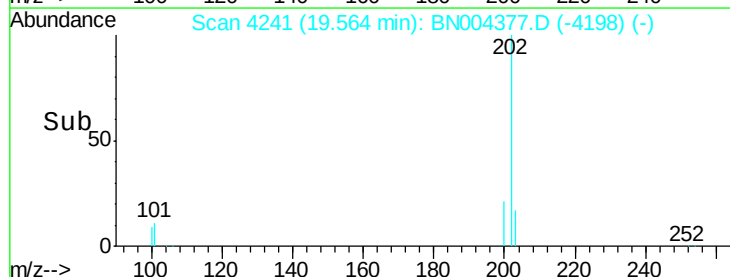
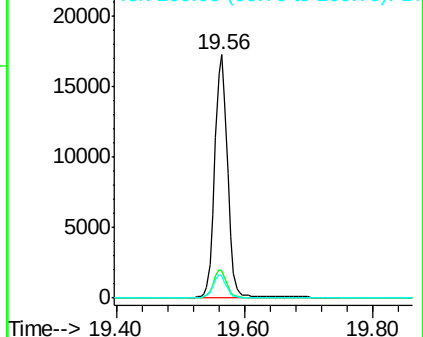
100 9.0 7.4 11.0

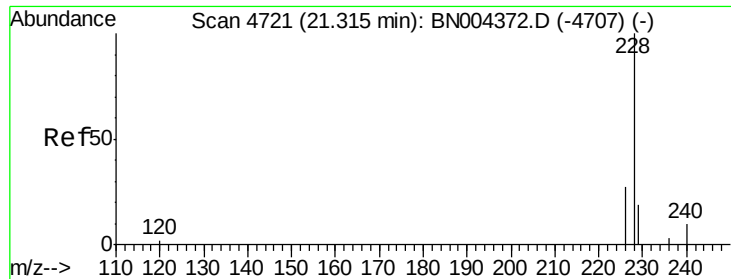


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.718 ng/ul

RT: 21.37 min Scan# 4738

Delta R.T. 0.05 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

Instrument :

BNA_N

ClientSampleId :

X2F73

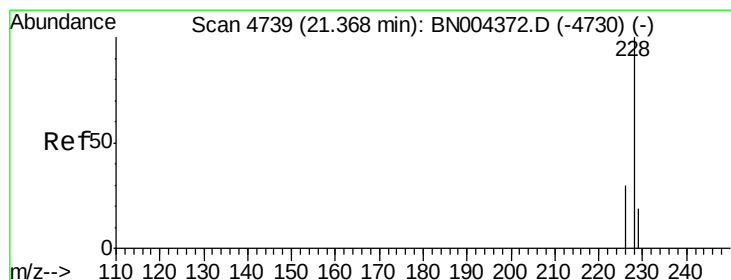
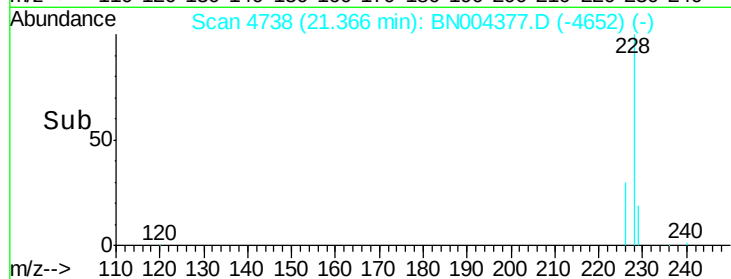
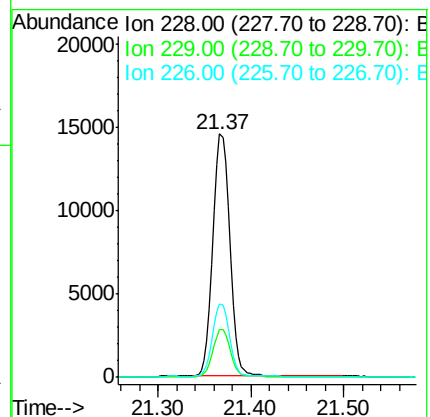
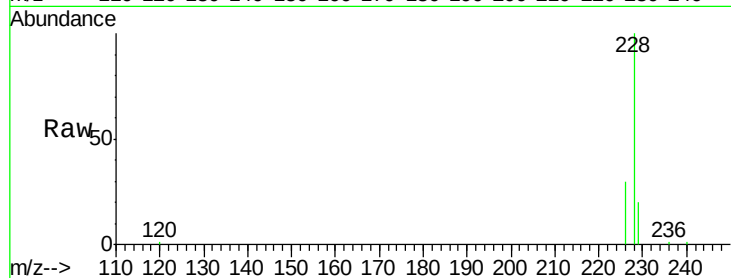
Tgt Ion:228 Resp: 18549

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 30.1 22.1 33.1



#19

Chrysene

Concen: 0.621 ng/ul

RT: 21.37 min Scan# 4738

Delta R.T. -0.00 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

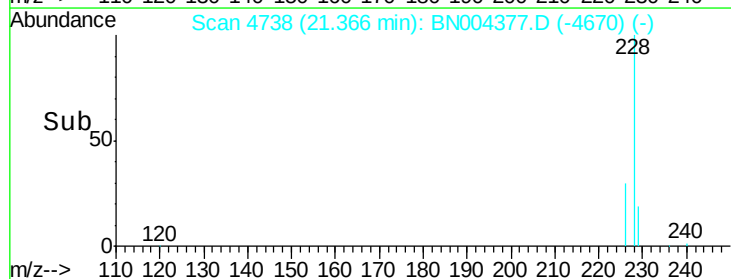
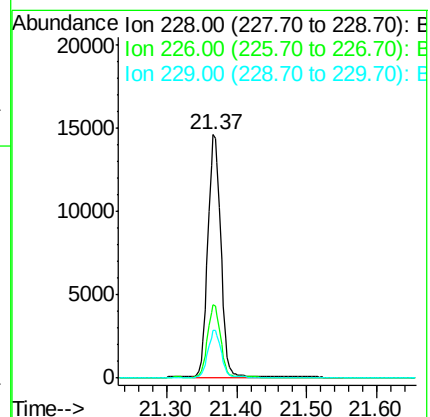
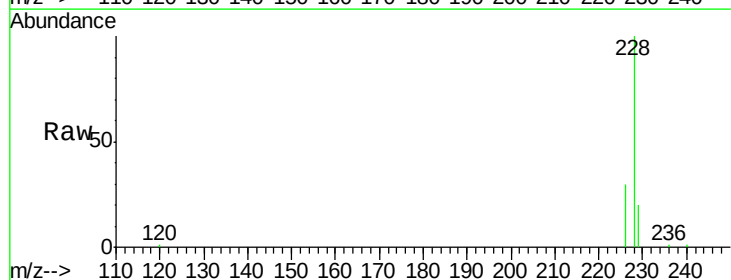
Tgt Ion:228 Resp: 18615

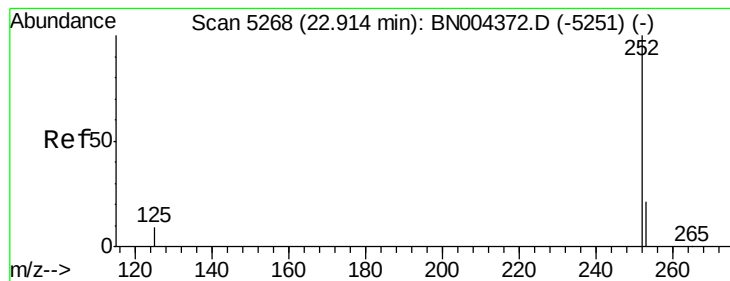
Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.5 15.8 23.6





#21

Benzo(b)fluoranthene

Concen: 0.520 ng/ul

RT: 22.92 min Scan# 5268

Delta R.T. 0.00 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

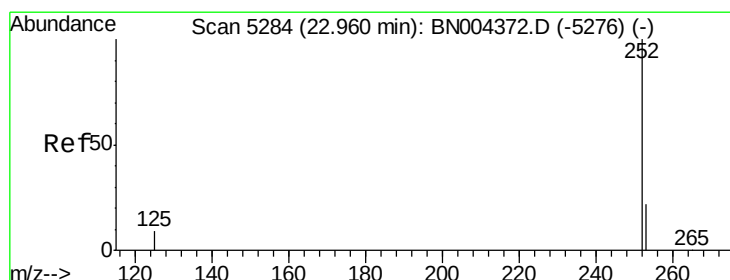
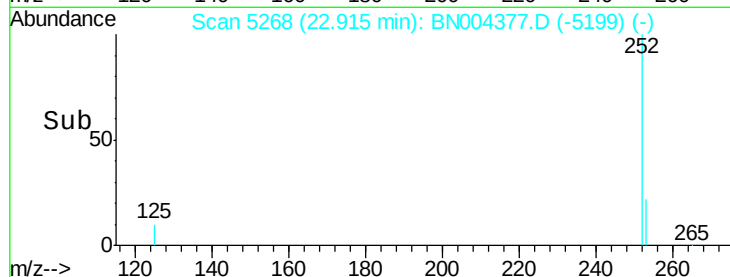
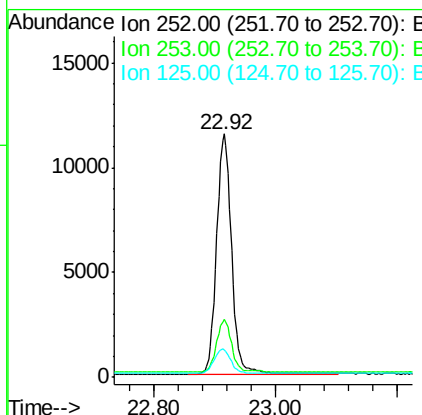
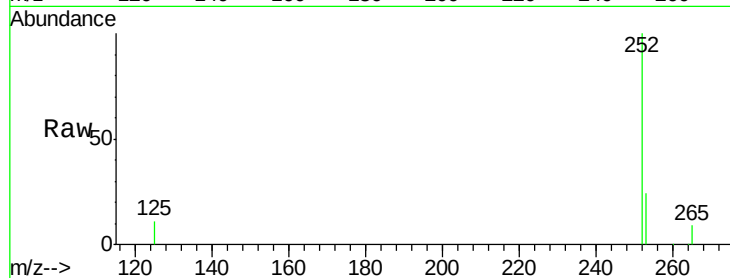
Instrument :

BNA_N

ClientSampleId :

X2F73

Tgt Ion:	252	Resp:	19537
Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	48.0
125	11.4	0.0	22.8



#22

Benzo(k)fluoranthene

Concen: 0.529 ng/ul

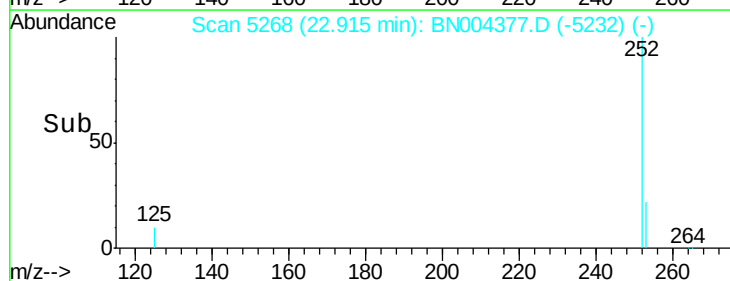
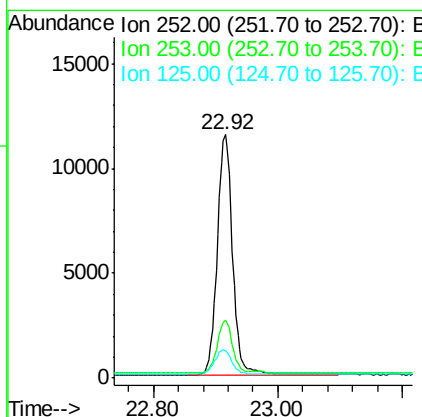
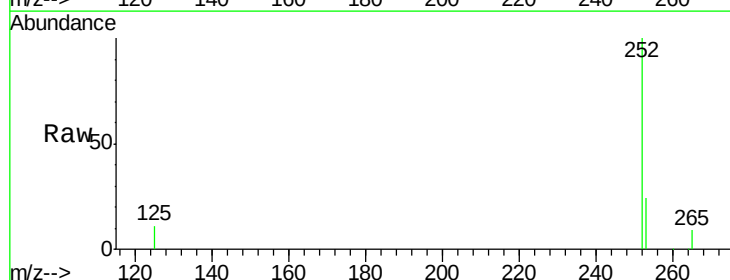
RT: 22.92 min Scan# 5268

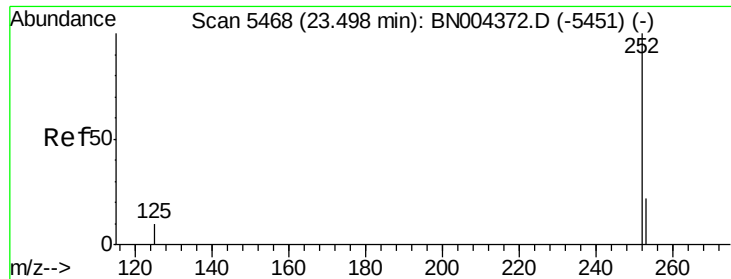
Delta R.T. -0.05 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

Tgt Ion:	252	Resp:	19529
Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	11.4	9.1	13.7





#23

Benzo(a)pyrene

Concen: 0.736 ng/ul

RT: 23.50 min Scan# 5469

Delta R.T. 0.00 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

Instrument :

BNA_N

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X2F73

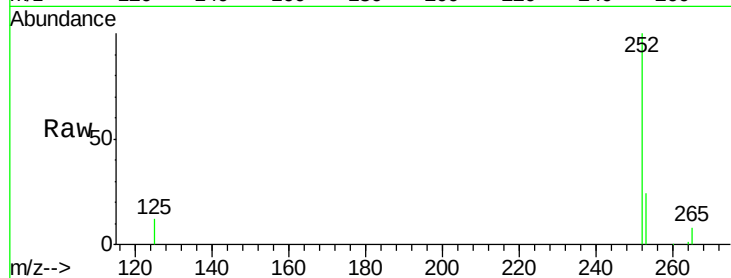
Tgt Ion:252 Resp: 24717

Ion Ratio Lower Upper

252 100

253 23.8 20.4 30.6

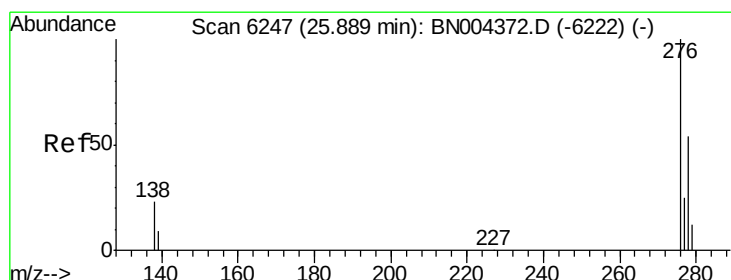
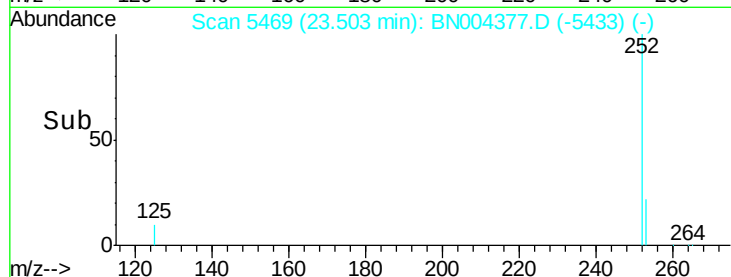
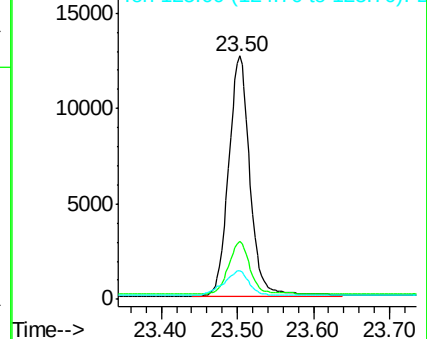
125 11.9 10.6 15.8



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: 0.303 ng/ul

RT: 25.91 min Scan# 6253

Delta R.T. 0.02 min

Lab File: BN004377.D

Acq: 11 Feb 2019 14:37

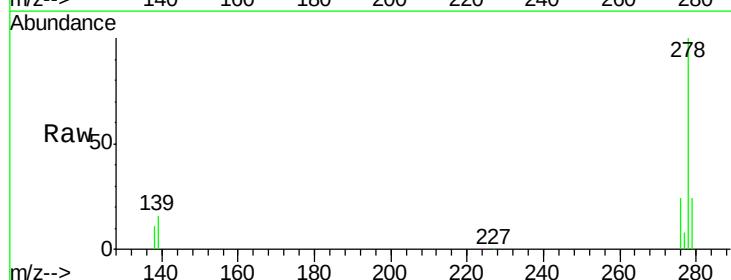
Tgt Ion:276 Resp: 13381

Ion Ratio Lower Upper

276 100

138 45.9 19.1 28.7#

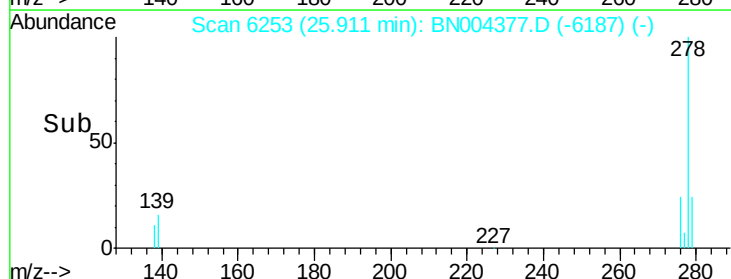
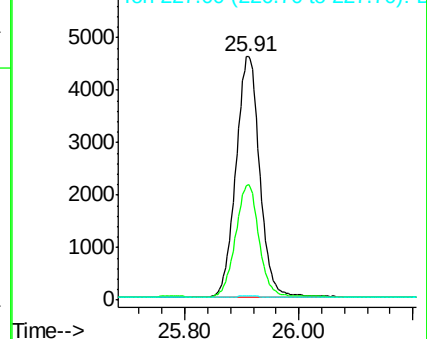
227 0.7 0.2 0.4#

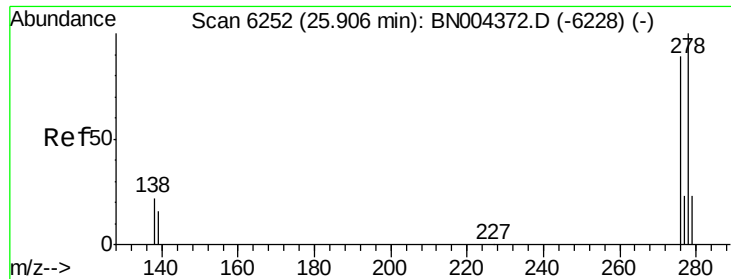


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.546 ng/ul

RT: 25.91 min Scan# 6253

Delta R.T. 0.00 min

Lab File: BN004377.D

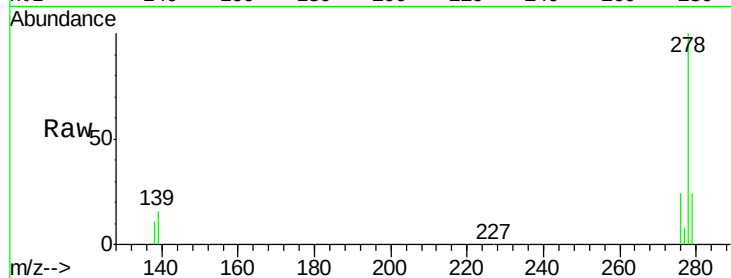
Acq: 11 Feb 2019 14:37

Instrument :

BNA_N

ClientSampleId :

X2F73



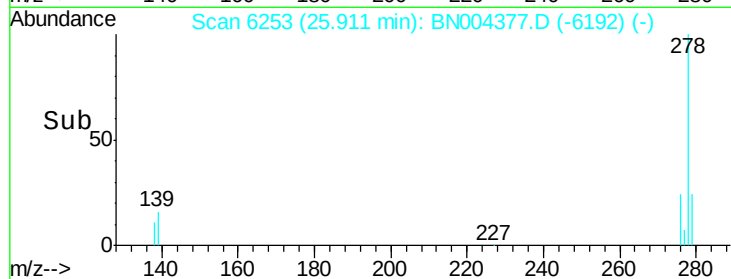
Tgt Ion: 278 Resp: 55312

Ion Ratio Lower Upper

278 100

139 15.9 13.8 20.6

279 24.4 20.4 30.6



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

