

Data File : BN008702.D
Acq On : 22 Nov 2019 07:16
Operator : JU
Sample : K5854-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC5

Quant Time: Nov 22 08:08:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15947	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9045	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	18298	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14798	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	15379	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3349	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	8010	0.14	ng/ul	0.00

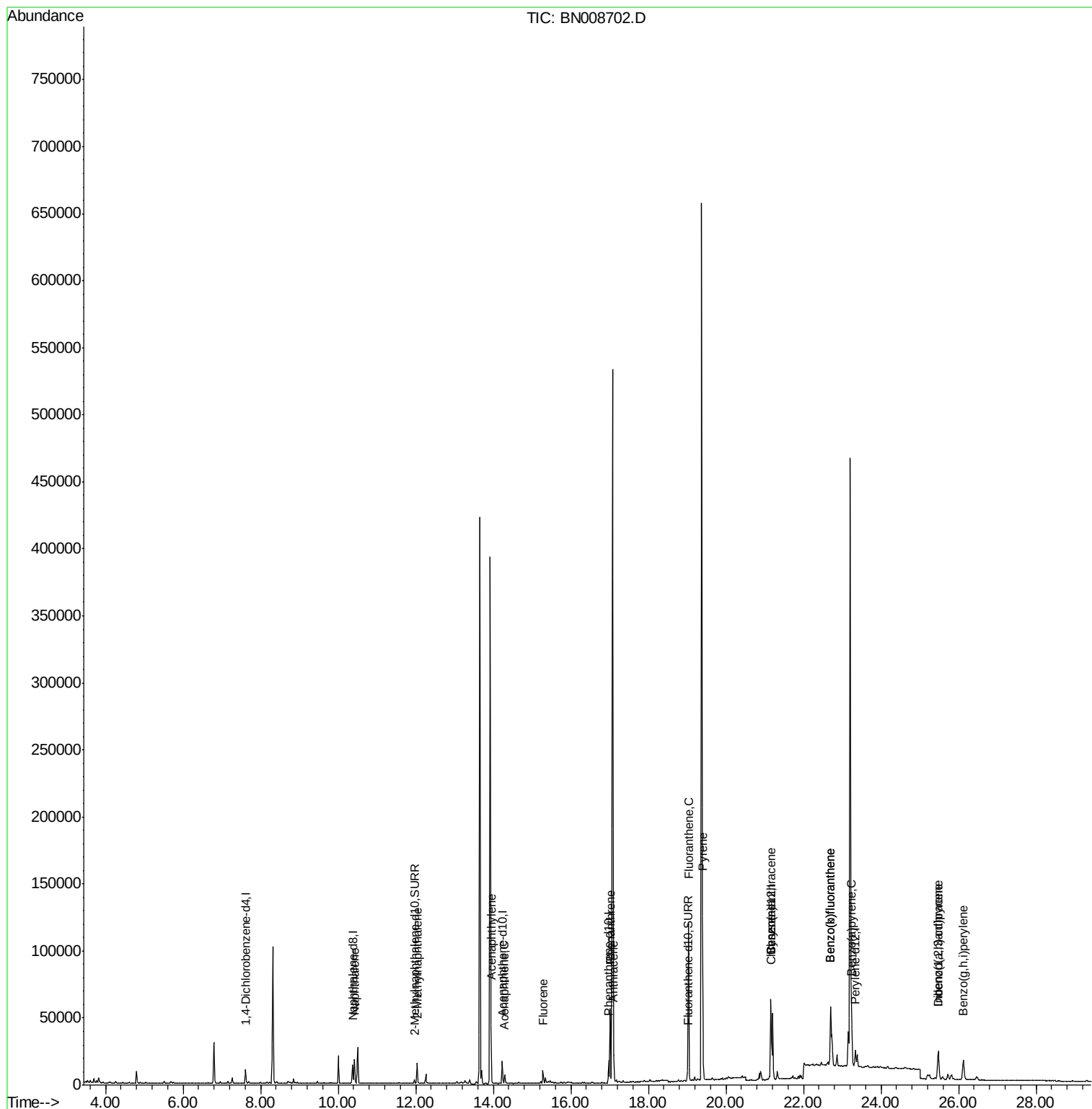
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	22663	0.471	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	10717	0.319	ng/ul	100
7) Acenaphthylene	13.95	152	5647	0.113	ng/ul	96
8) Acenaphthene	14.29	153	4155	0.112	ng/ul	99
9) Fluorene	15.29	166	5938	0.136	ng/ul#	96
12) Phenanthrene	17.02	178	57101	0.925	ng/ul	98
13) Anthracene	17.11	178	17965	0.308	ng/ul	99
15) Fluoranthene	19.04	202	95604	1.261	ng/ul	94
17) Pyrene	19.40	202	89541	1.508	ng/ul	96
18) Benzo(a)anthracene	21.16	228	47504	0.798	ng/ul	95
19) Chrysene	21.16	228	47540	0.813	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	90082	1.420	ng/ul#	84
22) Benzo(k)fluoranthene	22.70	252	90031	1.431	ng/ul#	87
23) Benzo(a)pyrene	23.24	252	40342	0.678	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.47	276	29468	0.423	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.48	278	7892	0.140	ng/ul#	40
26) Benzo(g,h,i)perylene	26.12	276	27551	0.473	ng/ul#	91

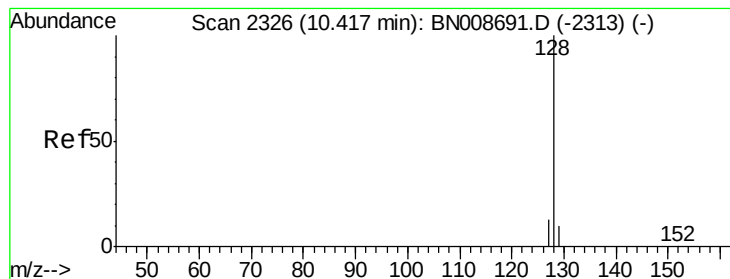
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 08:08:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.471 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN008702.D

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Instrument :

BNA_N

ClientSampleId :

C0AC5

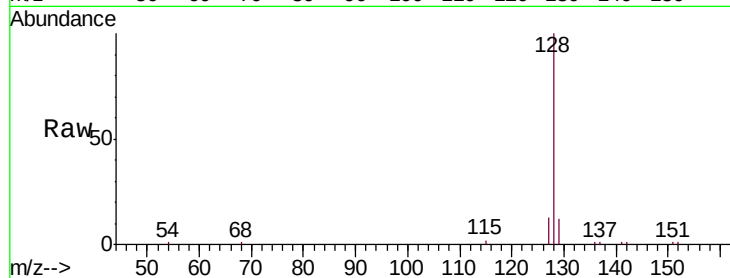
Tgt Ion:128 Resp: 22663

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

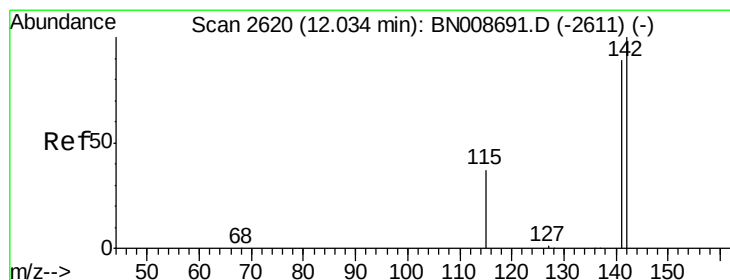
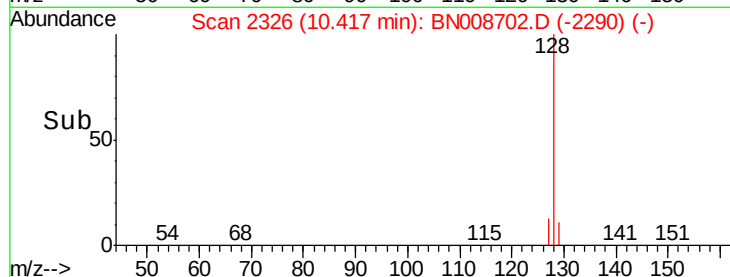
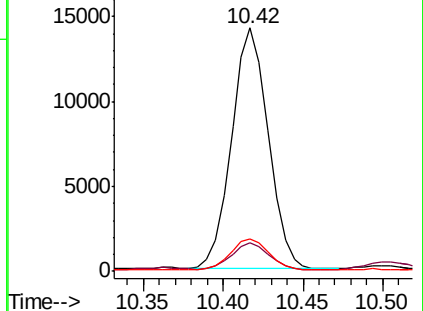
127 13.3 10.8 16.2



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: 0.319 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BN008702.D

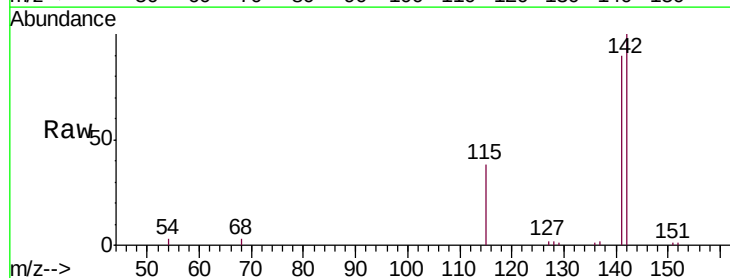
Acq: 22 Nov 2019 07:16

Tgt Ion:142 Resp: 10717

Ion Ratio Lower Upper

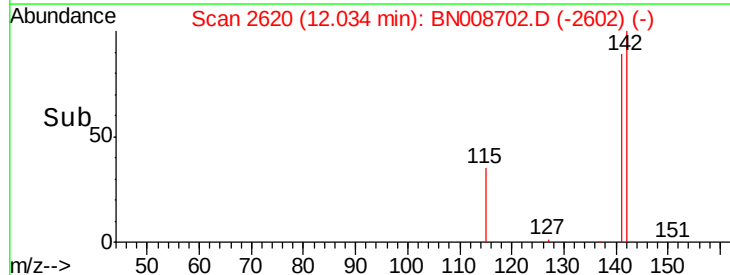
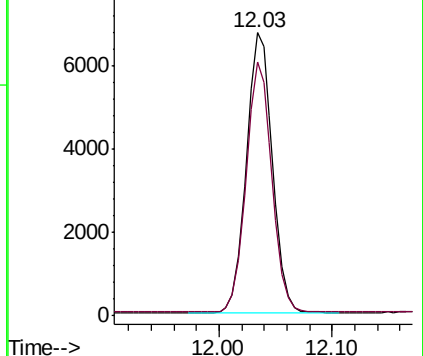
142 100

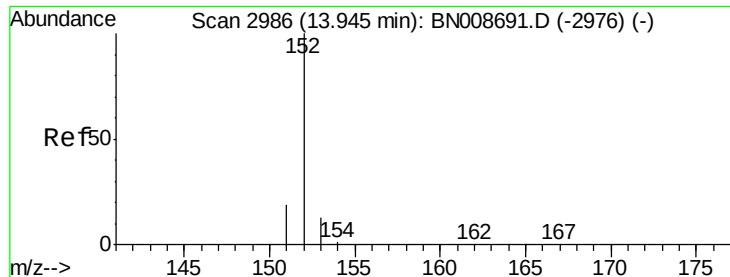
141 88.2 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

ClientSampleId :

C0AC5

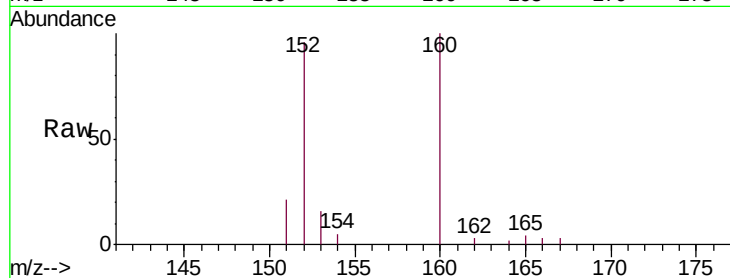
Tgt Ion:152 Resp: 5647

Ion Ratio Lower Upper

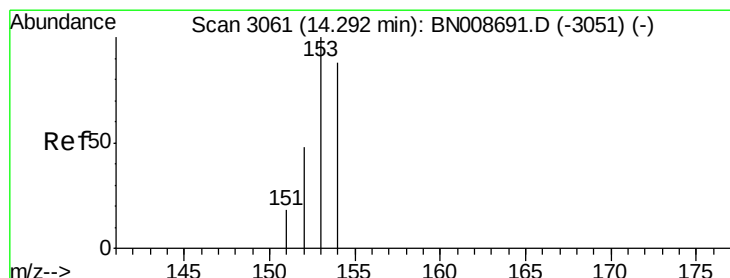
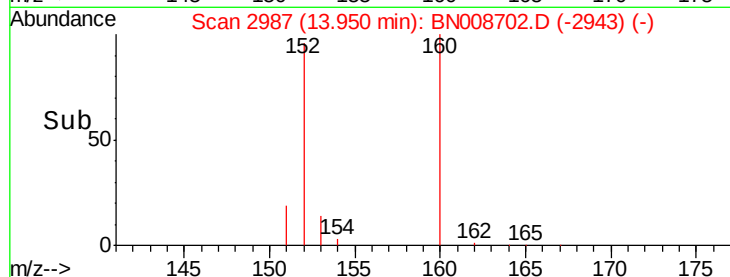
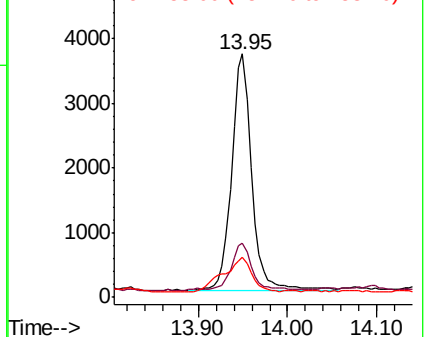
152 100

151 22.0 16.6 24.8

153 16.4 11.1 16.7



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: 0.112 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. -0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

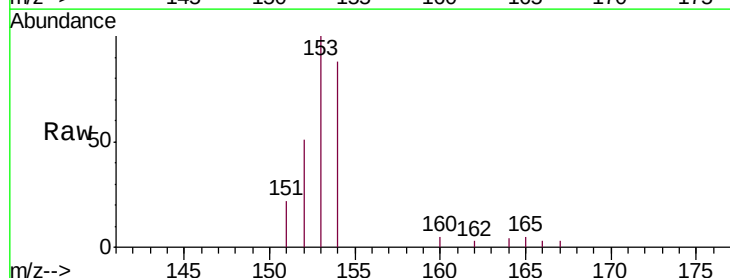
Tgt Ion:153 Resp: 4155

Ion Ratio Lower Upper

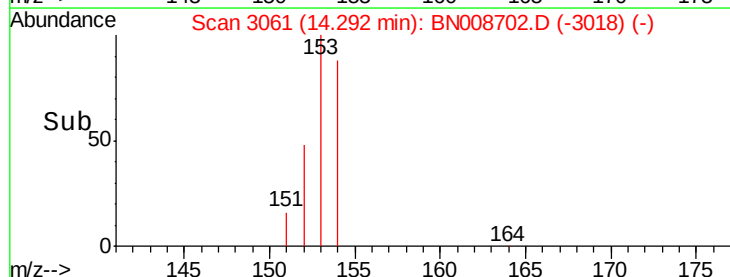
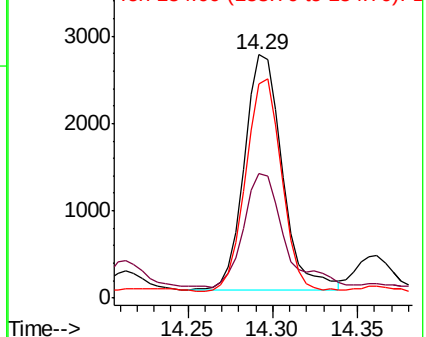
153 100

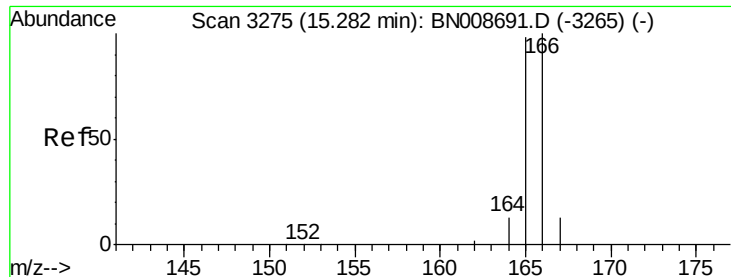
152 51.3 39.6 59.4

154 88.2 70.6 106.0



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

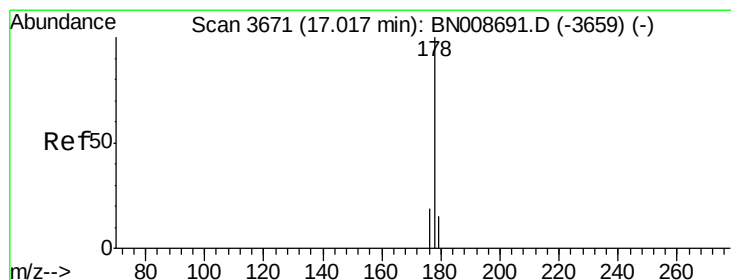
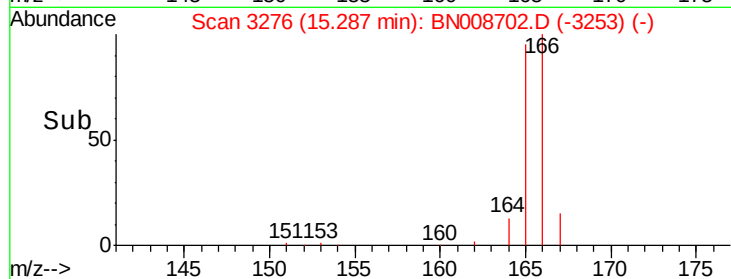
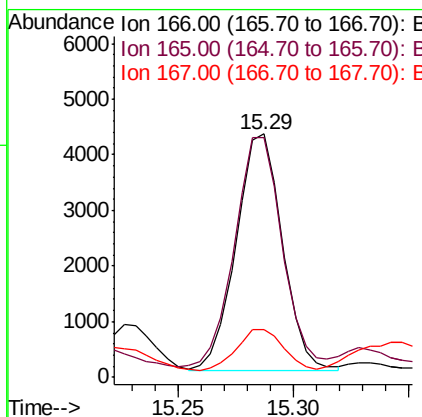
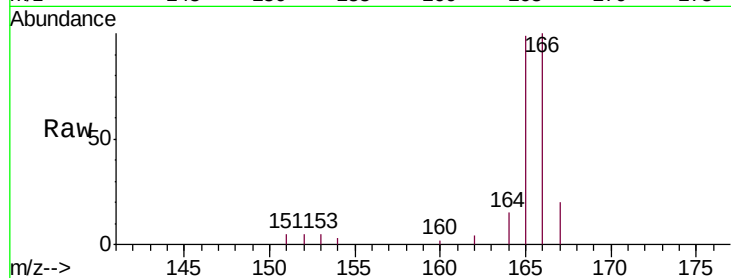




#9
Fluorene
 Concen: 0.136 ng/ul
 RT: 15.29 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

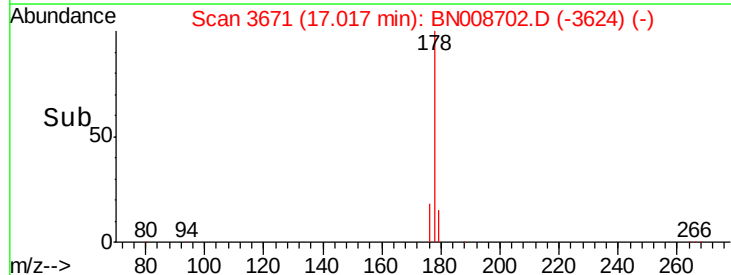
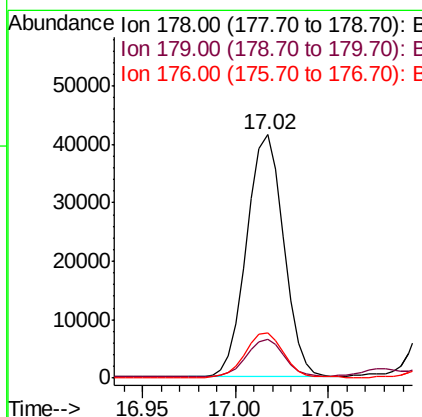
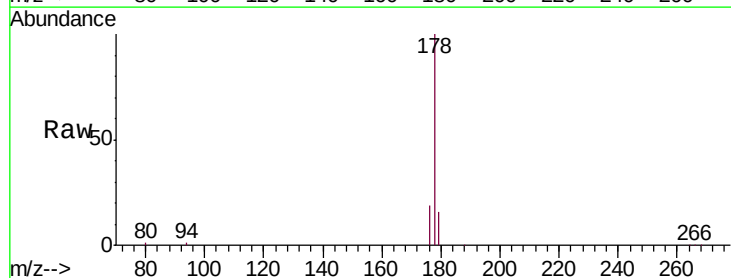
Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

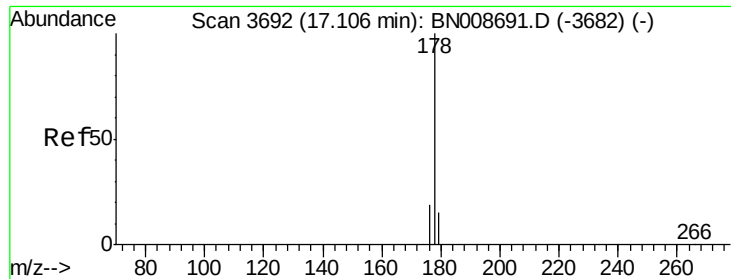
Tgt Ion:166 Resp: 5938
 Ion Ratio Lower Upper
 166 100
 165 98.7 77.4 116.0
 167 19.8 11.4 17.0#



#12
Phenanthrene
 Concen: 0.925 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

Tgt Ion:178 Resp: 57101
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.8 19.2
 176 18.6 16.0 24.0





#13

Anthracene

Concen: 0.308 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

ClientSampleId :

C0AC5

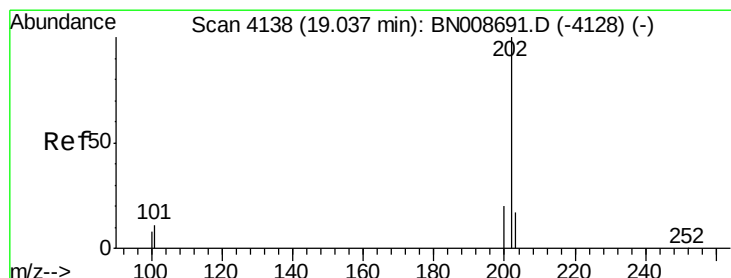
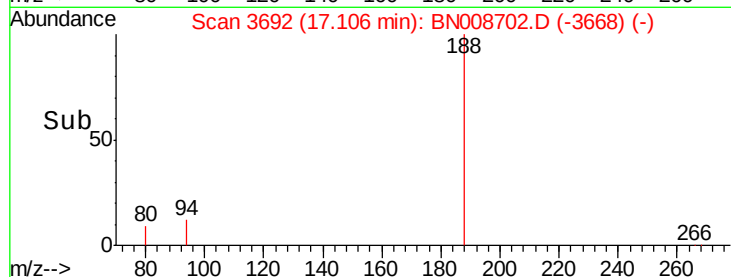
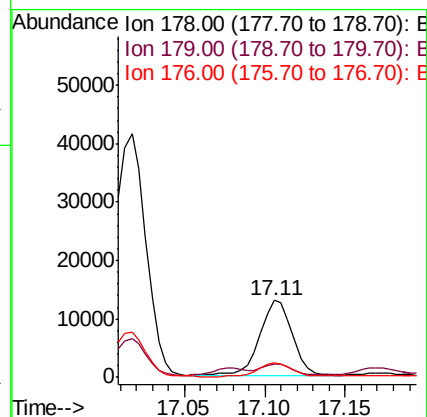
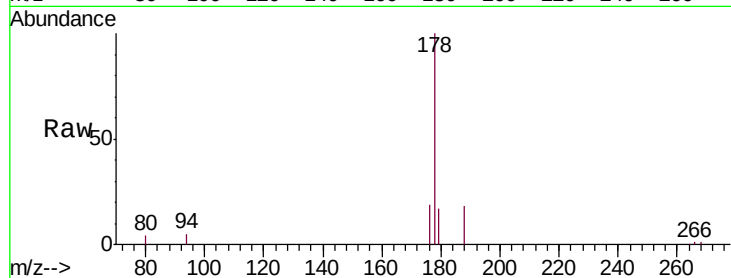
Tgt Ion:178 Resp: 17965

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.4

176 19.1 15.3 22.9



#15

Fluoranthene

Concen: 1.261 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

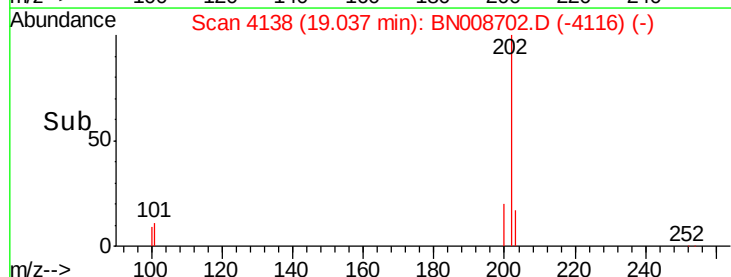
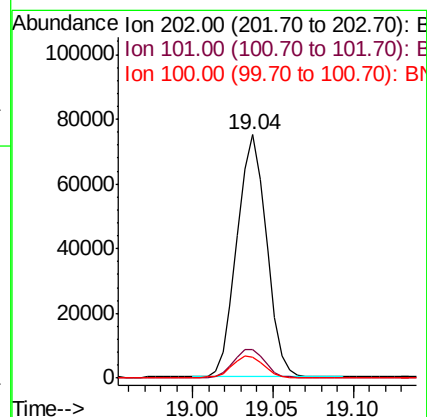
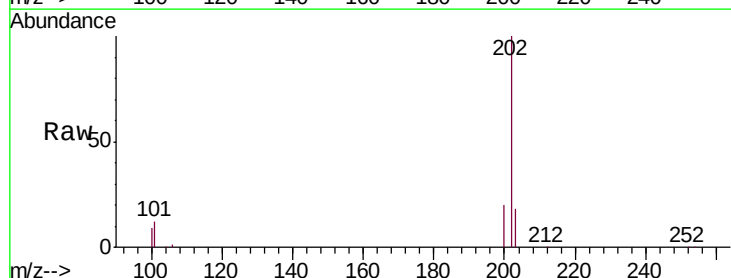
Tgt Ion:202 Resp: 95604

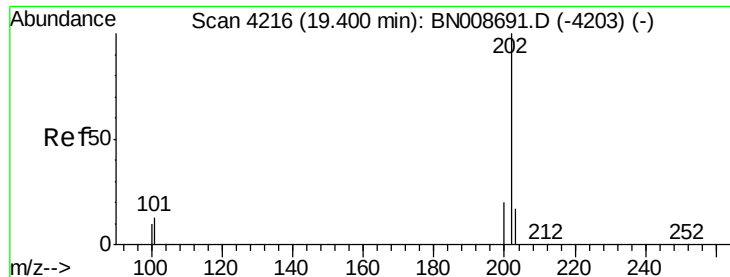
Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.6

100 8.8 0.0 27.0

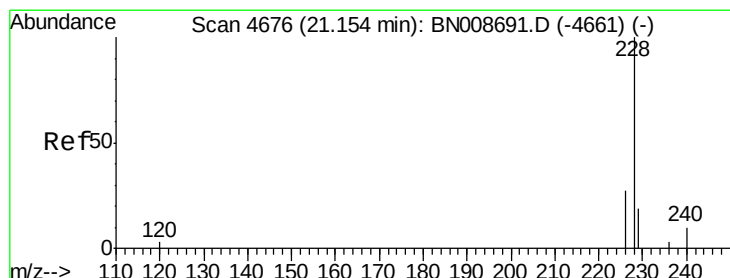
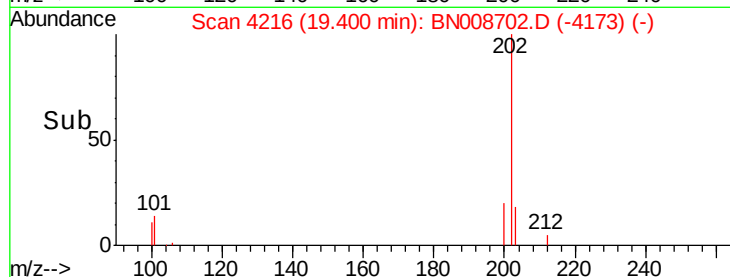
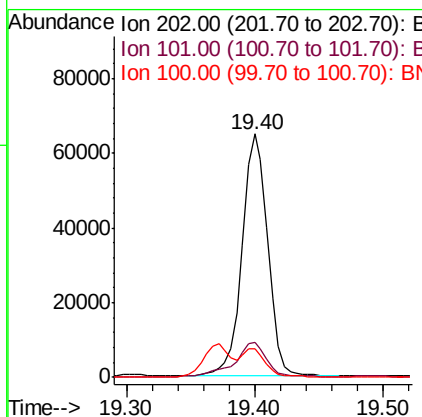
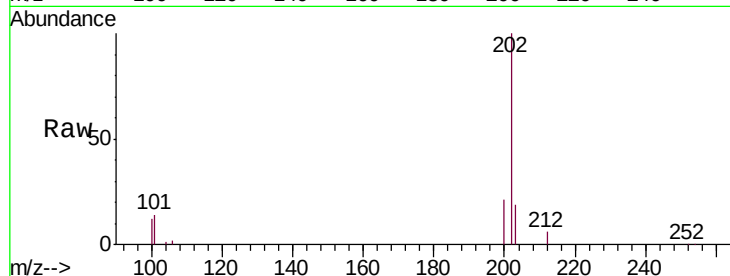




#17
 Pyrene
 Concen: 1.508 ng/ul
 RT: 19.40 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

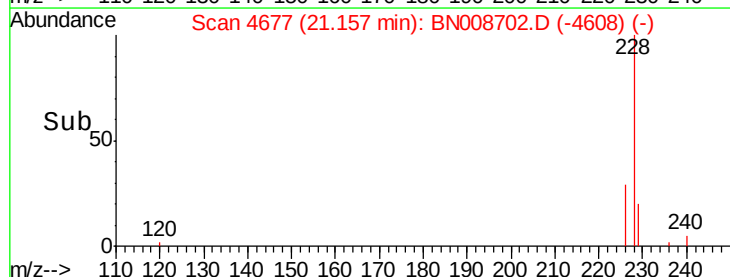
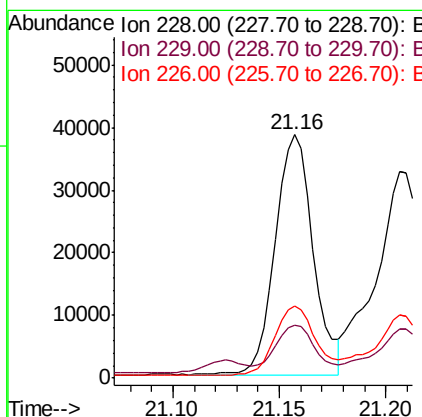
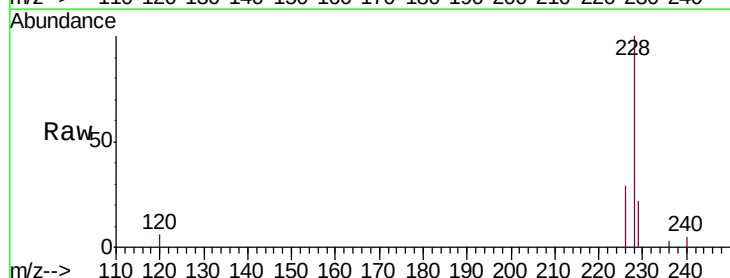
Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

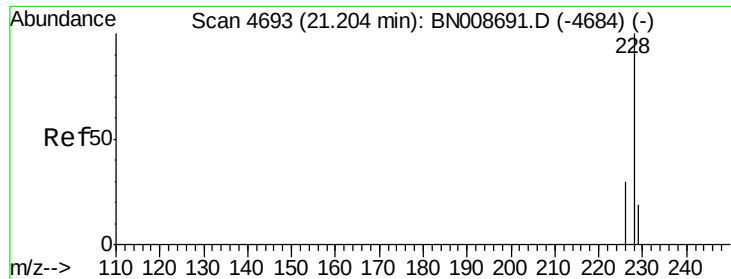
Tgt Ion:202 Resp: 89541
 Ion Ratio Lower Upper
 202 100
 101 14.3 10.2 15.2
 100 11.6 8.2 12.2



#18
 Benzo(a)anthracene
 Concen: 0.798 ng/ul
 RT: 21.16 min Scan# 4677
 Delta R.T. 0.00 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

Tgt Ion:228 Resp: 47504
 Ion Ratio Lower Upper
 228 100
 229 21.9 15.8 23.6
 226 29.4 21.6 32.4





#19

Chrysene

Concen: 0.813 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.05 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

ClientSampleId :

C0AC5

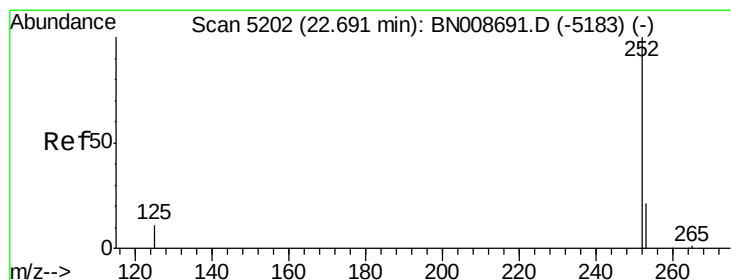
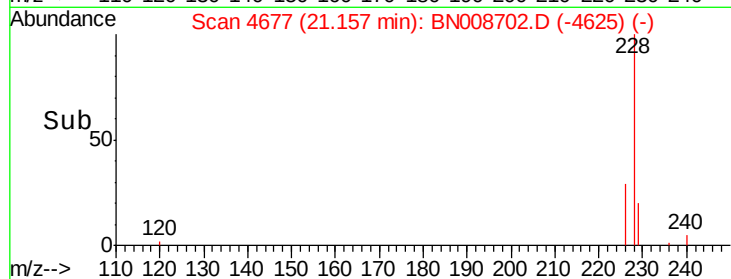
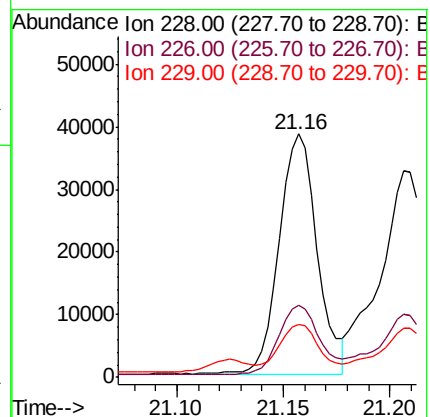
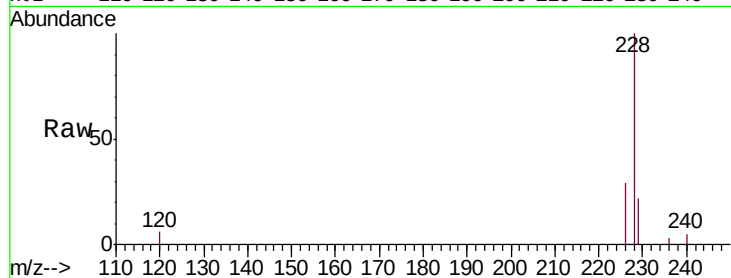
Tgt Ion:228 Resp: 47540

Ion Ratio Lower Upper

228 100

226 29.4 24.5 36.7

229 21.9 15.5 23.3



#21

Benzo(b)fluoranthene

Concen: 1.420 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. 0.01 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

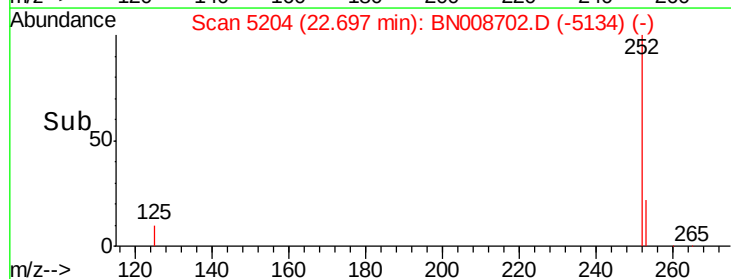
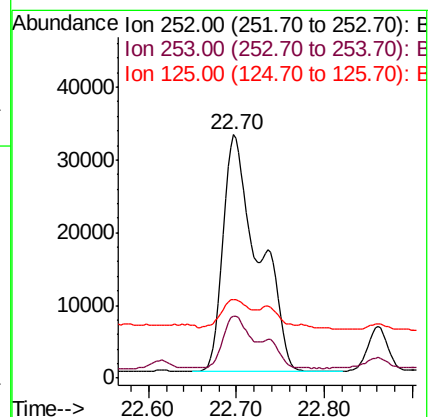
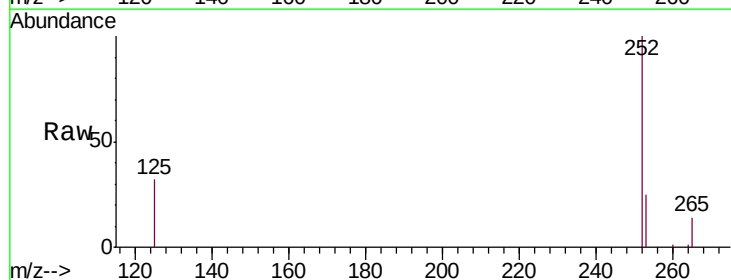
Tgt Ion:252 Resp: 90082

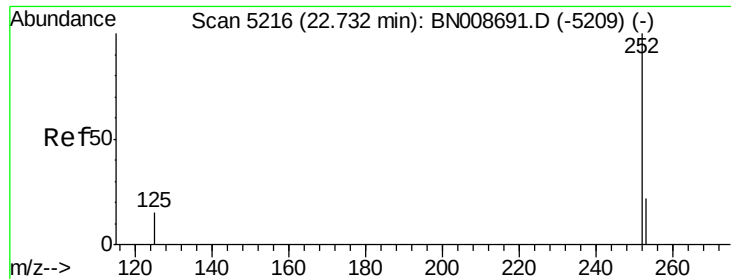
Ion Ratio Lower Upper

252 100

253 25.5 0.0 50.2

125 32.5 0.0 30.0#





#22

Benzo(k)fluoranthene

Concen: 1.431 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.04 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

ClientSampleId :

C0AC5

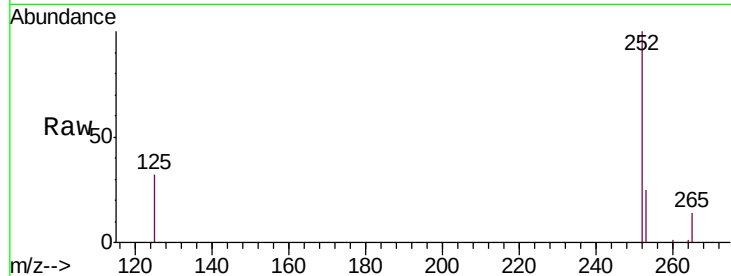
Tgt Ion:252 Resp: 90031

Ion Ratio Lower Upper

252 100

253 25.5 20.5 30.7

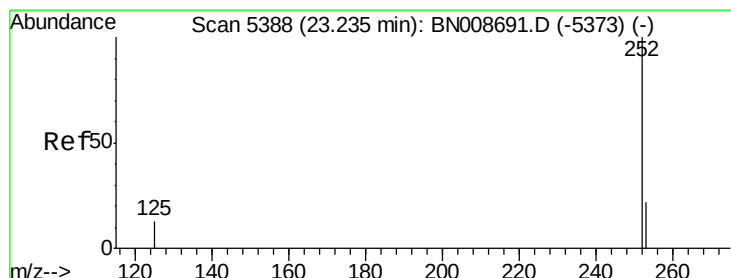
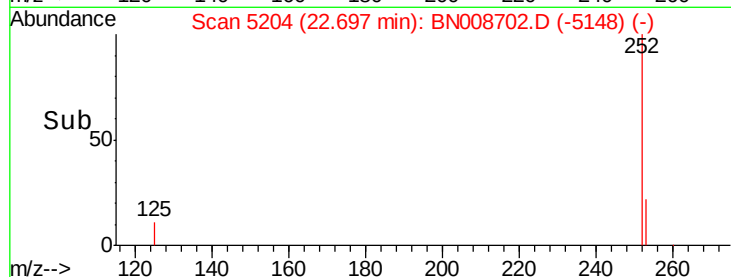
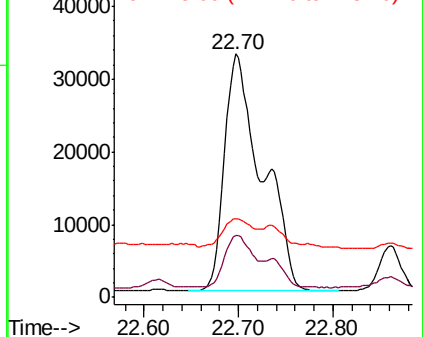
125 32.5 15.0 22.4#



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



#23

Benzo(a)pyrene

Concen: 0.678 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. 0.01 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

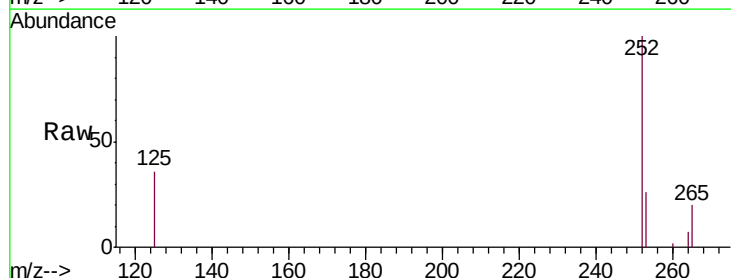
Tgt Ion:252 Resp: 40342

Ion Ratio Lower Upper

252 100

253 26.4 21.4 32.2

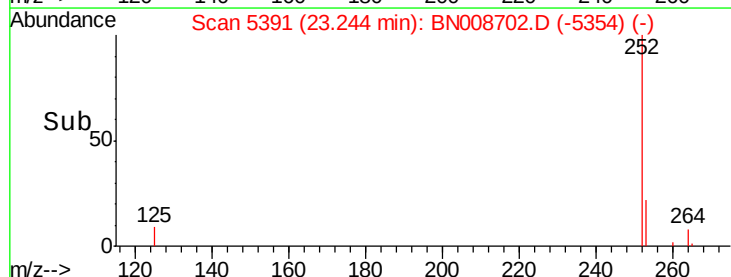
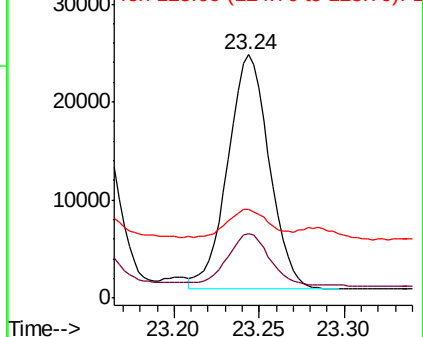
125 36.3 13.8 20.8#

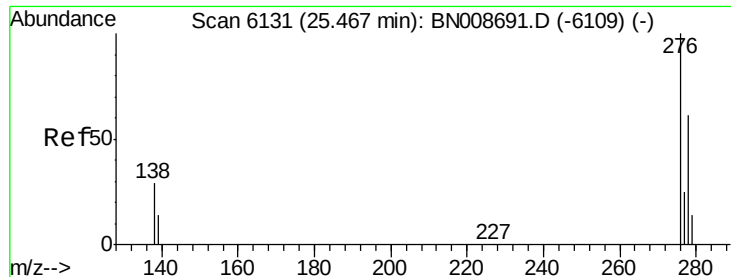


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



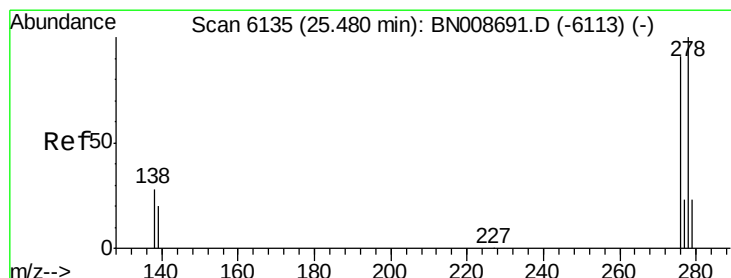
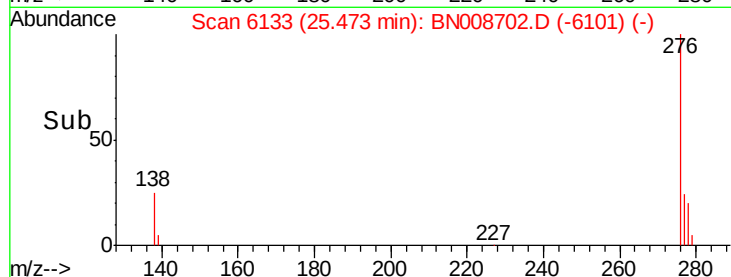
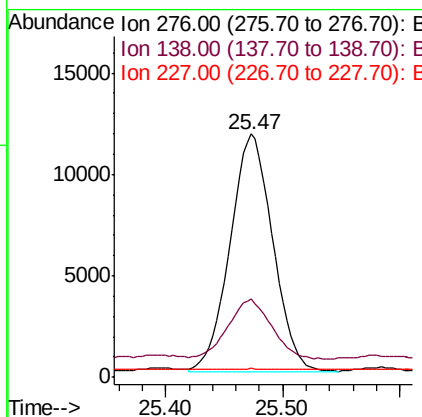
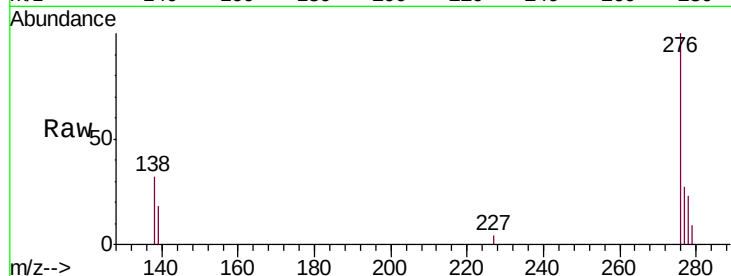


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. 0.01 min
Lab File: BN008702.D
Acq: 22 Nov 2019 07:16

Instrument :
BNA_N
ClientSampleId :
C0AC5

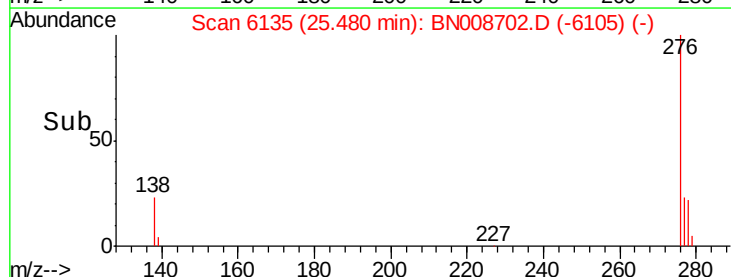
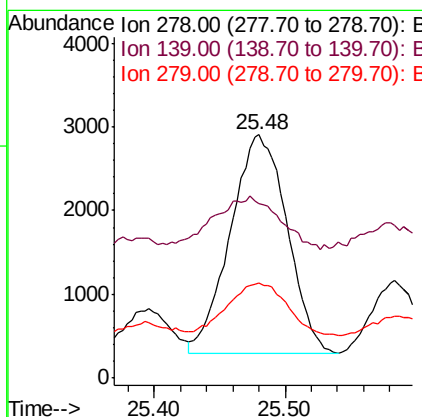
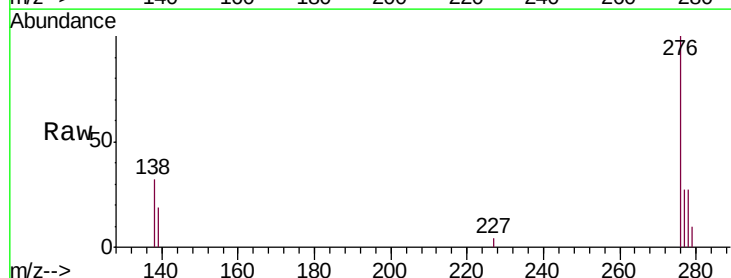
Tgt Ion: 276 Resp: 29468
Ion Ratio Lower Upper
276 100
138 25.4 21.7 32.5
227 0.2 0.2 0.2#

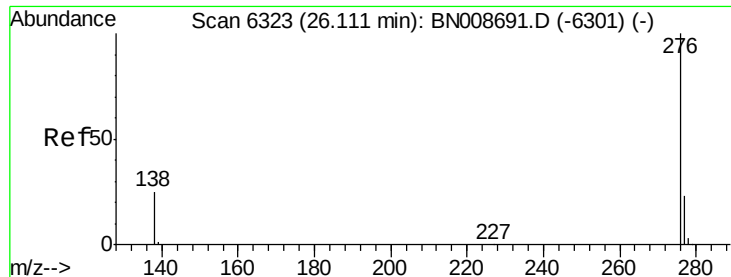


#25

Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008702.D
Acq: 22 Nov 2019 07:16

Tgt Ion: 278 Resp: 7892
Ion Ratio Lower Upper
278 100
139 71.4 18.7 28.1#
279 38.9 20.8 31.2#





#26

Benzo(g,h,i)perylene

Concen: 0.473 ng/ul

RT: 26.12 min Scan# 6327

Delta R.T. 0.01 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

ClientSampleId :

C0AC5

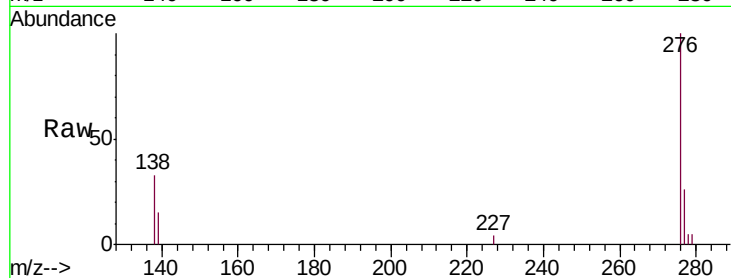
Tgt Ion:276 Resp: 27551

Ion Ratio Lower Upper

276 100

138 32.6 20.0 30.0#

277 26.1 20.0 30.0



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

