

Data File : BN008699.D
Acq On : 22 Nov 2019 05:28
Operator : JU
Sample : K5854-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB6

Quant Time: Nov 22 07:16:53 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	4495	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9747	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	19328	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	15451	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	16112	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4565	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10314	0.17	ng/ul	0.00

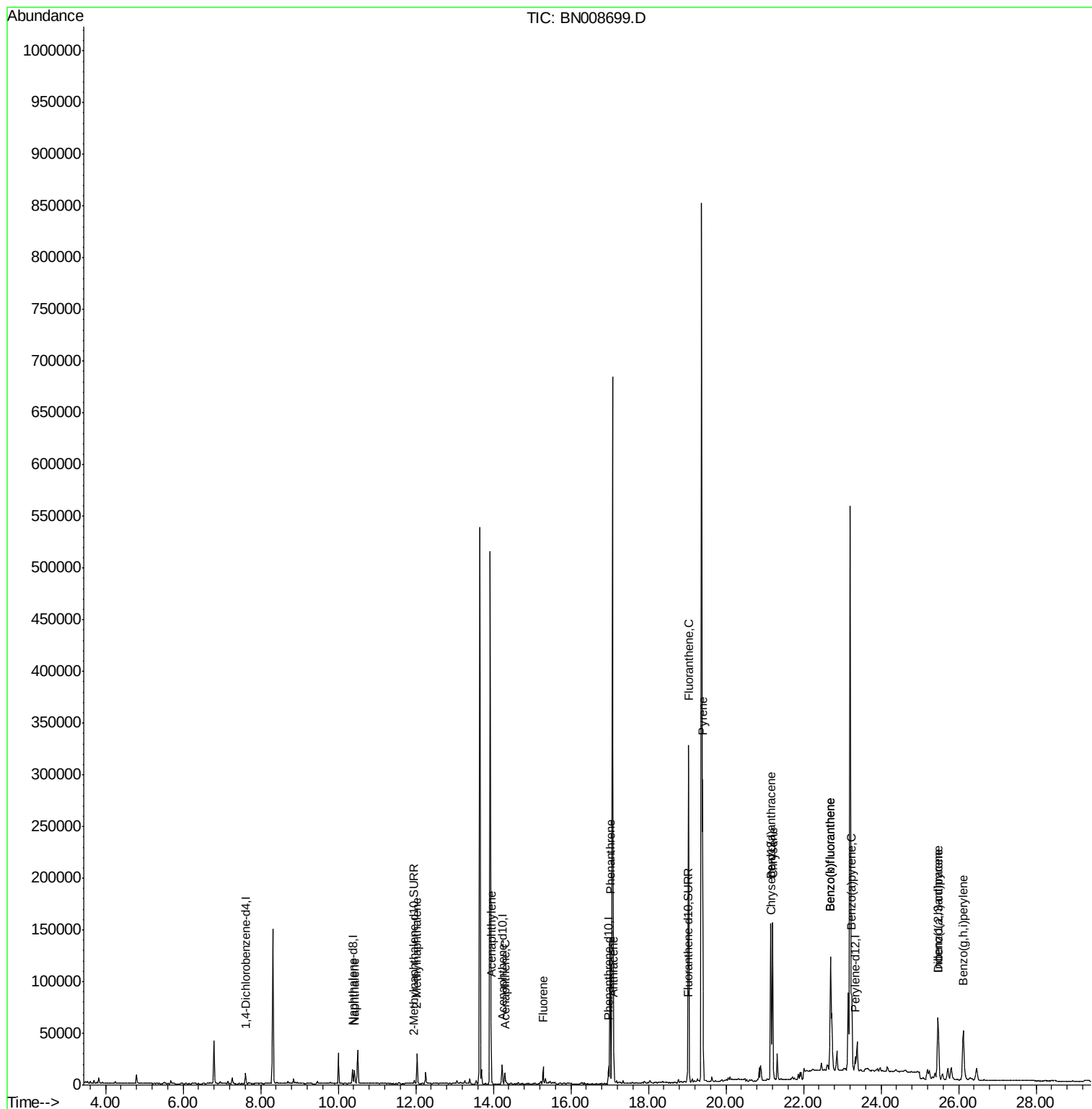
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	17324	0.342	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	20684	0.585	ng/ul	100
7) Acenaphthylene	13.95	152	2824	0.052	ng/ul#	88
8) Acenaphthene	14.30	153	6485	0.162	ng/ul	99
9) Fluorene	15.29	166	9908	0.211	ng/ul#	97
12) Phenanthrene	17.02	178	145951	2.239	ng/ul	98
13) Anthracene	17.11	178	31250	0.507	ng/ul	99
15) Fluoranthene	19.04	202	265626	3.317	ng/ul	94
17) Pyrene	19.40	202	225943	3.645	ng/ul	96
18) Benzo(a)anthracene	21.16	228	122170	1.966	ng/ul	98
19) Chrysene	21.21	228	140928	2.309	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	225589	3.395	ng/ul	95
22) Benzo(k)fluoranthene	22.70	252	225589	3.424	ng/ul	98
23) Benzo(a)pyrene	23.25	252	117612	1.886	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.47	276	88517	1.214	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.48	278	20571	0.349	ng/ul#	76
26) Benzo(g,h,i)perylene	26.12	276	92772	1.521	ng/ul	98

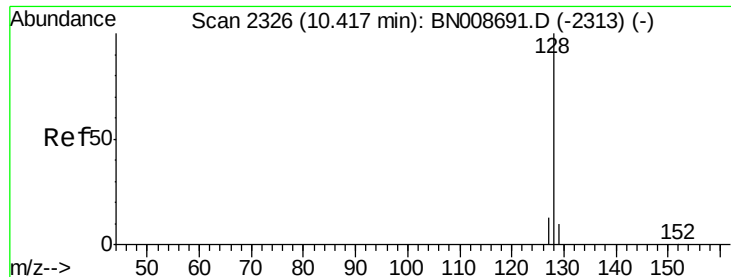
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 07:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.342 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

C0AB6

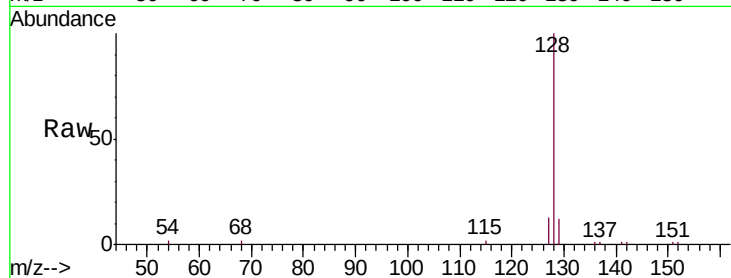
Tgt Ion:128 Resp: 17324

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

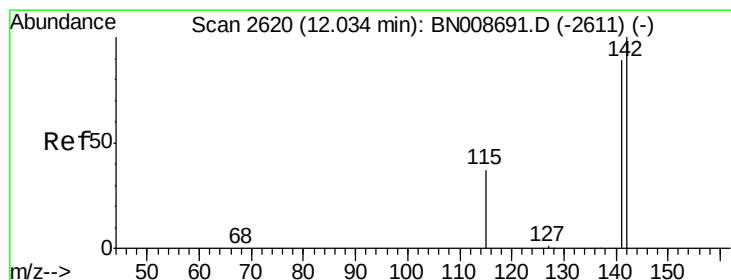
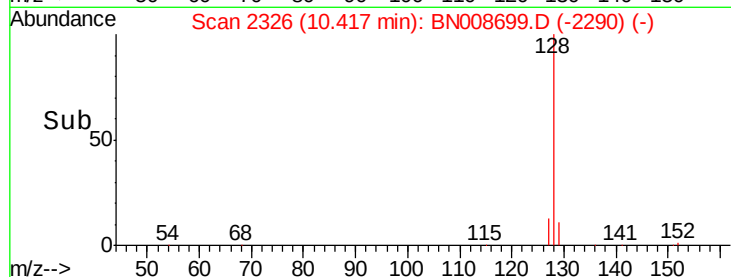
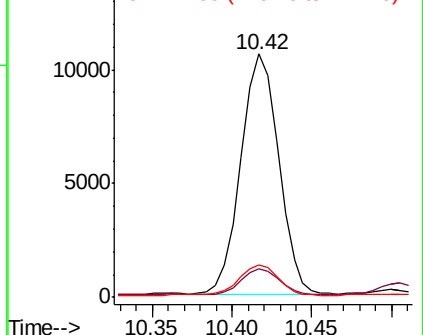
127 13.4 10.8 16.2



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: 0.585 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN008699.D

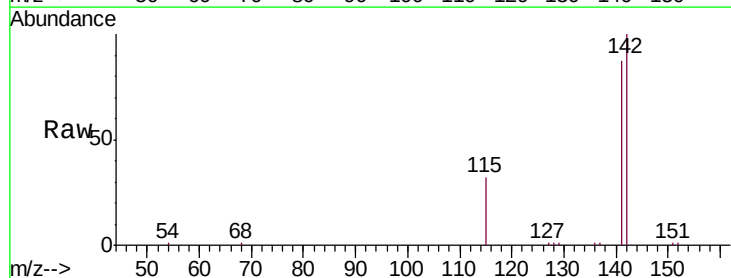
Acq: 22 Nov 2019 05:28

Tgt Ion:142 Resp: 20684

Ion Ratio Lower Upper

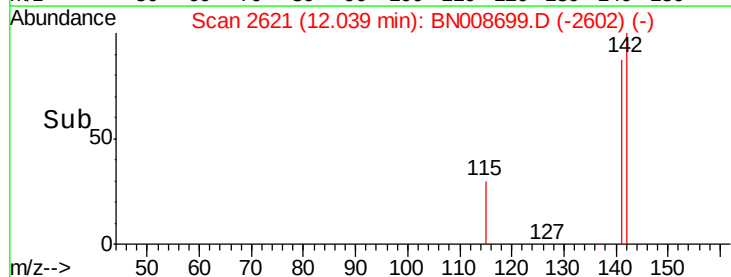
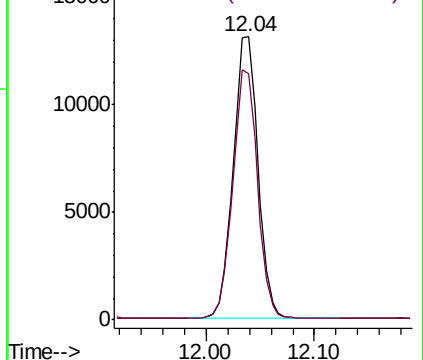
142 100

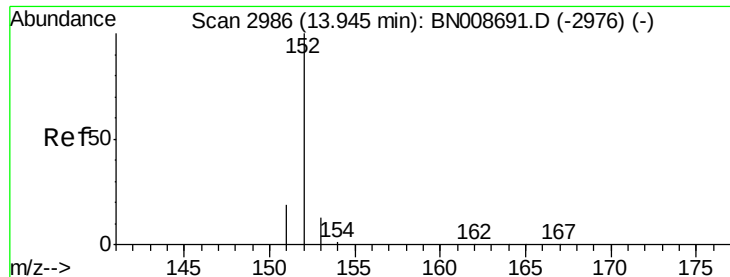
141 87.8 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Instrument :

BNA_N

ClientSampleId :

C0AB6

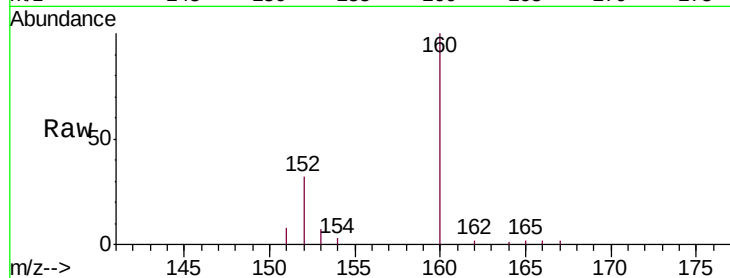
Tgt Ion:152 Resp: 2824

Ion Ratio Lower Upper

152 100

151 24.4 16.6 24.8

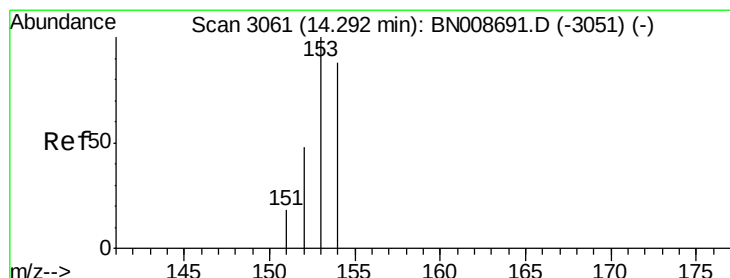
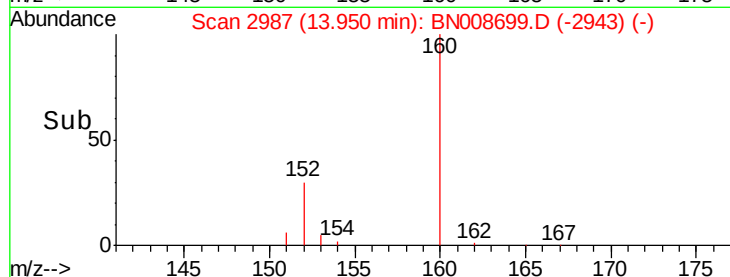
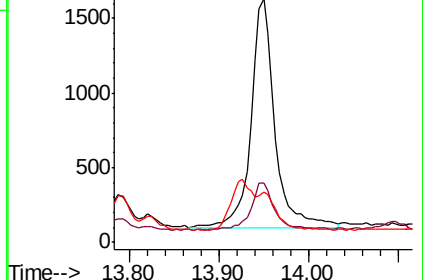
153 20.9 11.1 16.7#



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: 0.162 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

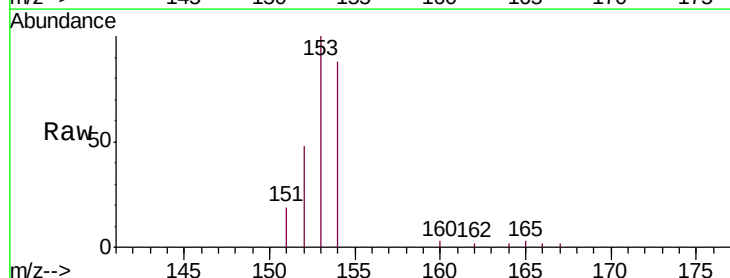
Tgt Ion:153 Resp: 6485

Ion Ratio Lower Upper

153 100

152 47.6 39.6 59.4

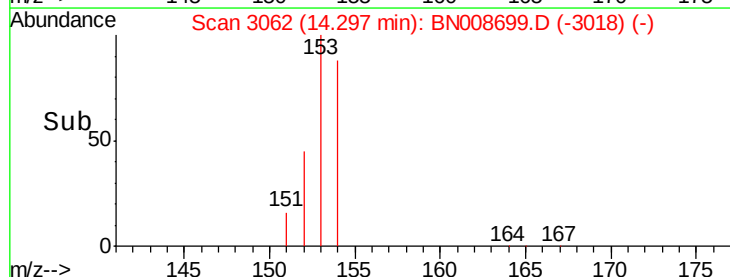
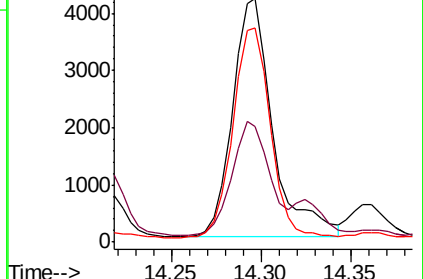
154 88.1 70.6 106.0

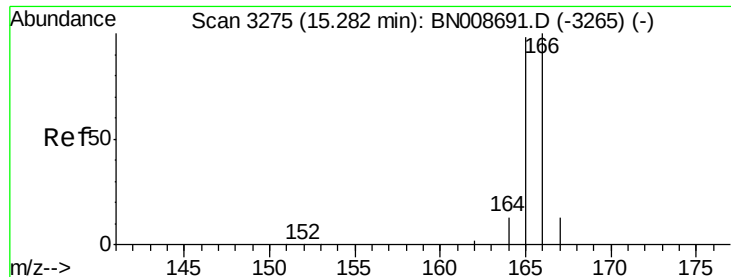


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.211 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN008699.D

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Instrument :

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C0AB6

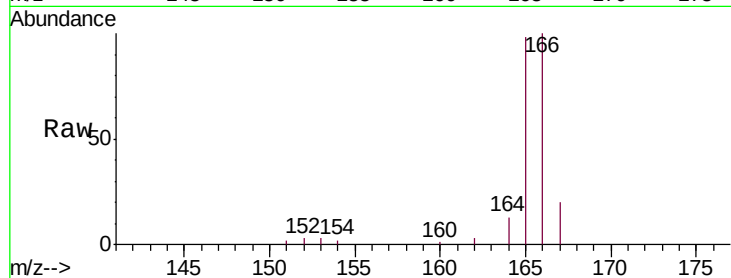
Tgt Ion:166 Resp: 9908

Ion Ratio Lower Upper

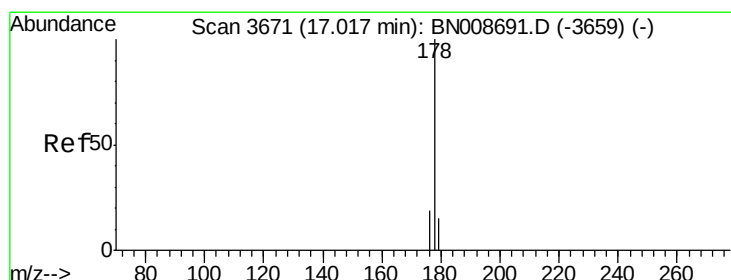
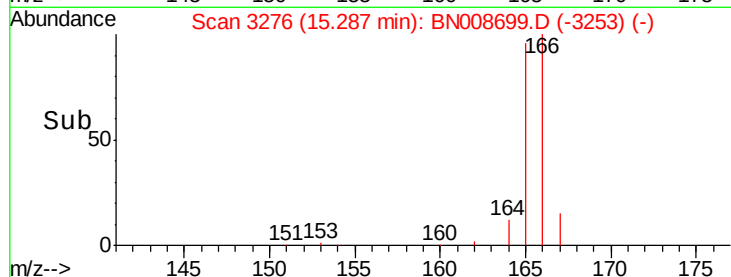
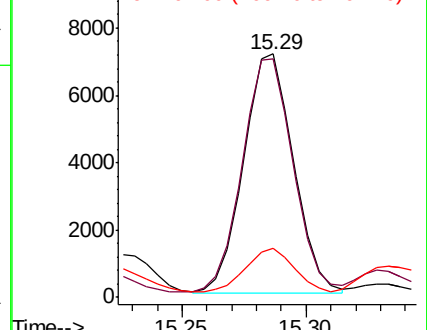
166 100

165 98.0 77.4 116.0

167 20.2 11.4 17.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 2.239 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

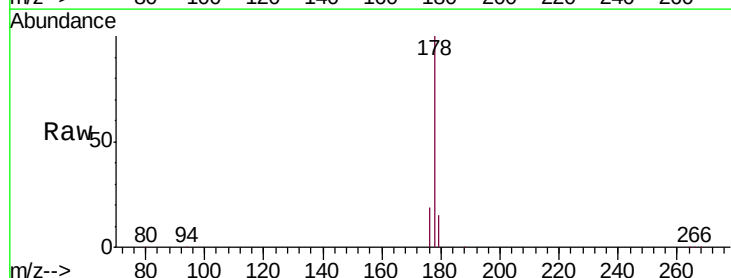
Tgt Ion:178 Resp: 145951

Ion Ratio Lower Upper

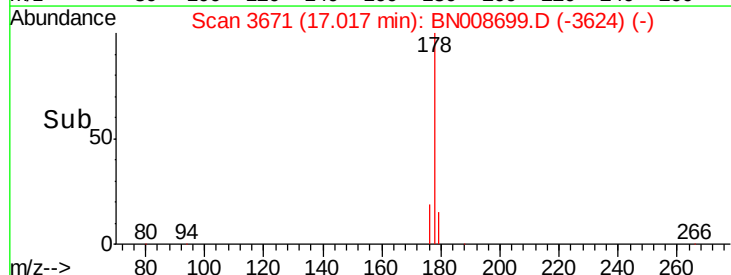
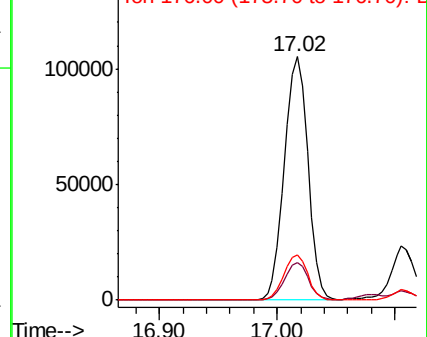
178 100

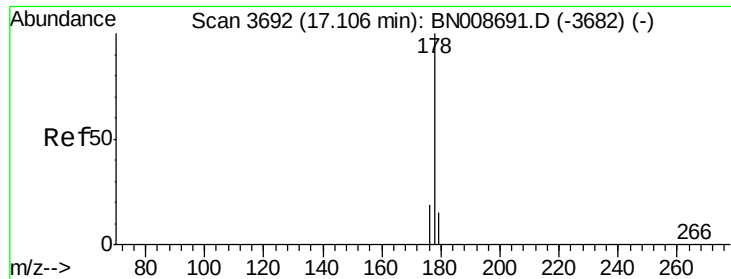
179 15.3 12.8 19.2

176 18.6 16.0 24.0



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: 0.507 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

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C0AB6

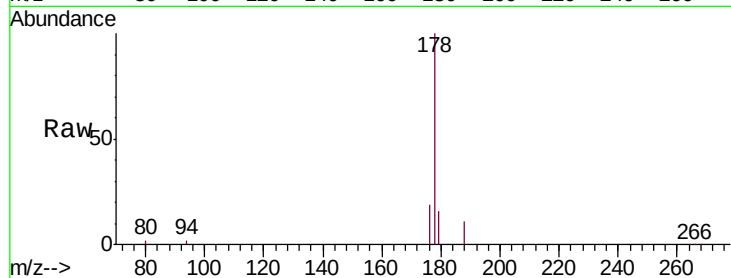
Tgt Ion:178 Resp: 31250

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

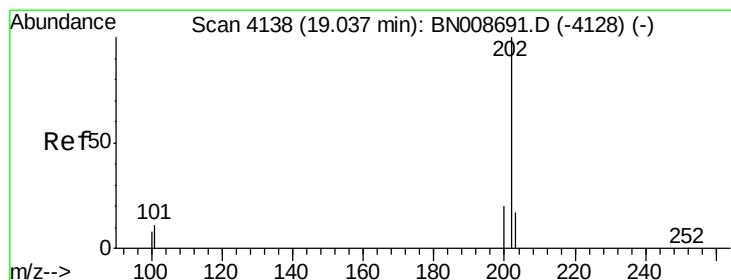
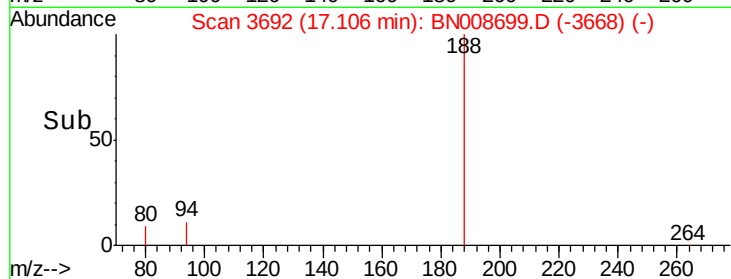
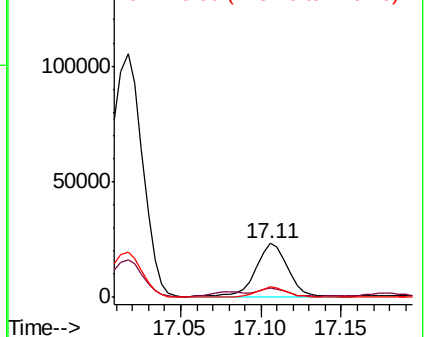
176 18.6 15.3 22.9



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: 3.317 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

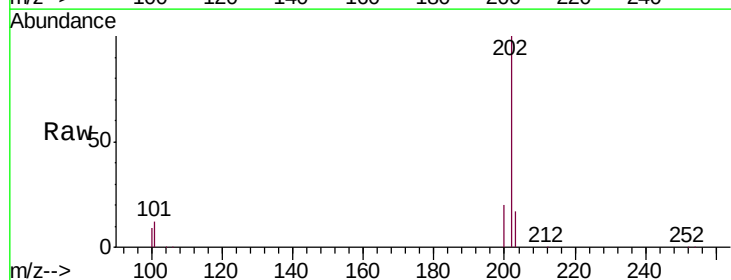
Tgt Ion:202 Resp: 265626

Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.6

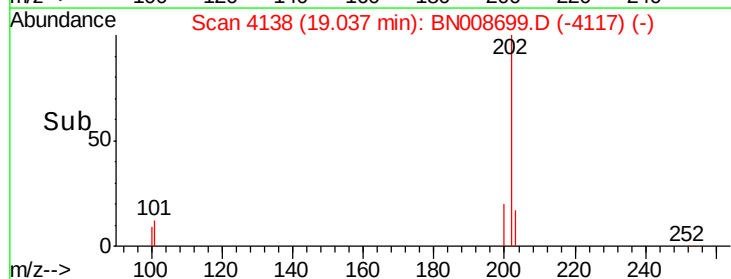
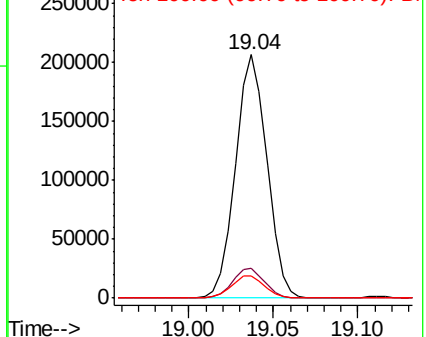
100 8.9 0.0 27.0

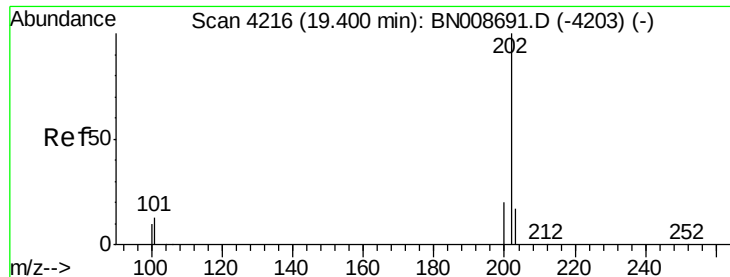


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

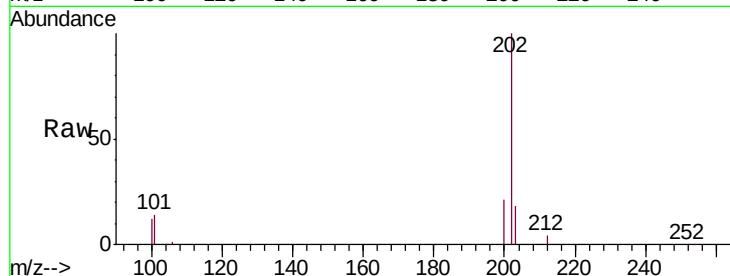




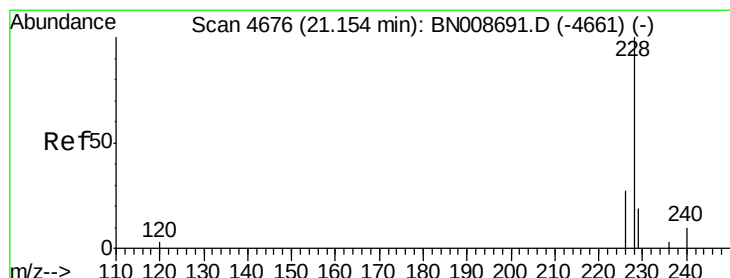
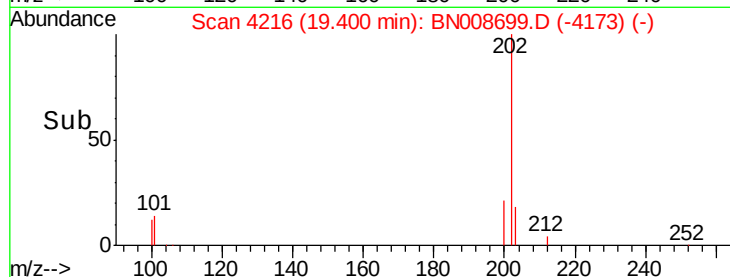
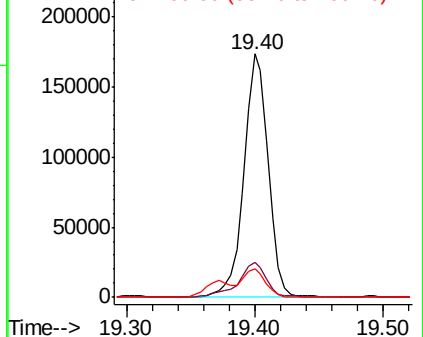
#17
 Pyrene
 Concen: 3.645 ng/ul
 RT: 19.40 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BN008699.D
 Acq: 22 Nov 2019 05:28

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.2	15.2
100	11.8	8.2	12.2

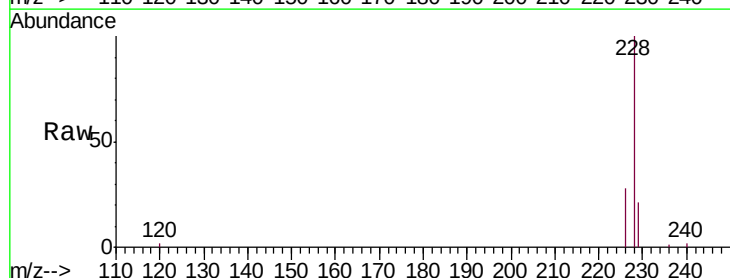


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

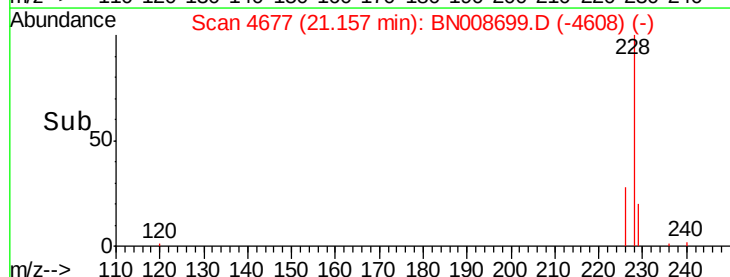
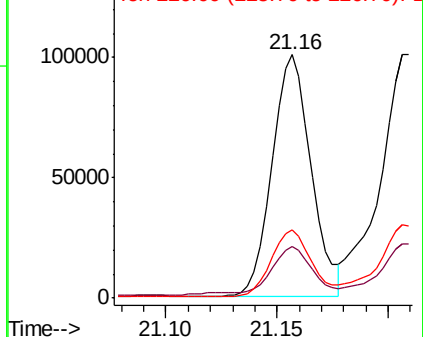


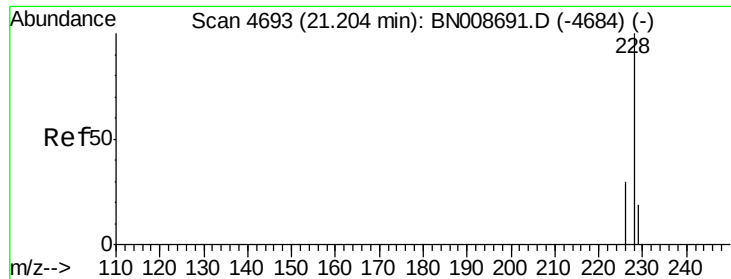
#18
 Benzo(a)anthracene
 Concen: 1.966 ng/ul
 RT: 21.16 min Scan# 4677
 Delta R.T. 0.00 min
 Lab File: BN008699.D
 Acq: 22 Nov 2019 05:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	28.0	21.6	32.4



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: 2.309 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. 0.01 min

Lab File: BN008699.D

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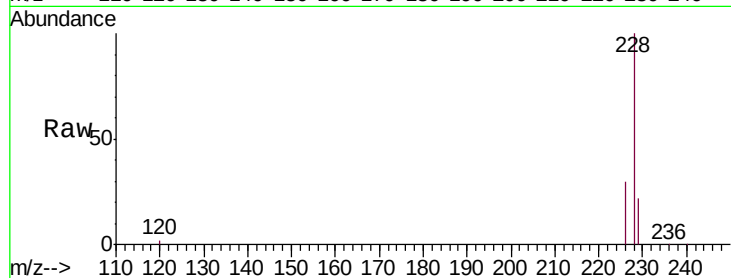
Tgt Ion:228 Resp: 140928

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

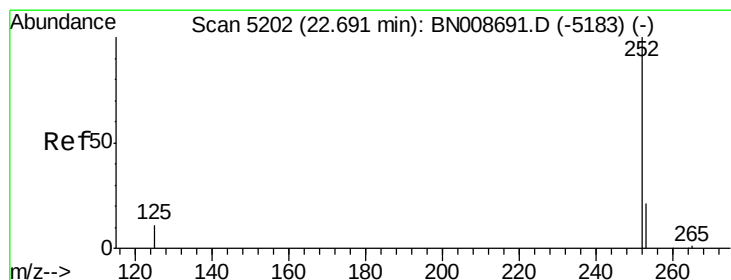
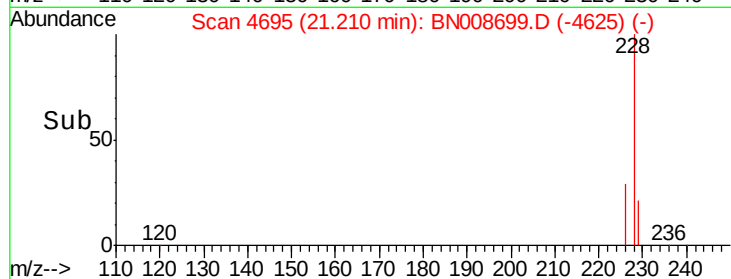
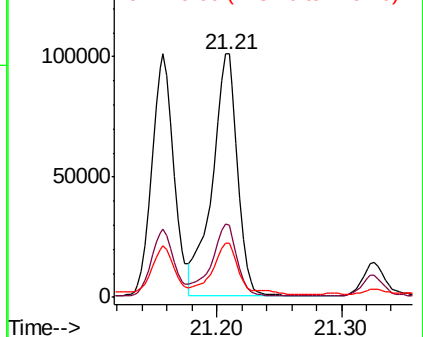
229 22.3 15.5 23.3



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: 3.395 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. 0.01 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

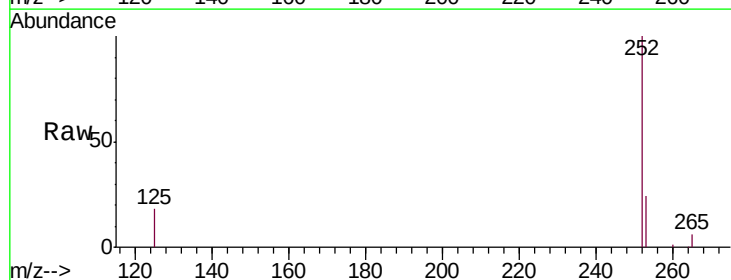
Tgt Ion:252 Resp: 225589

Ion Ratio Lower Upper

252 100

253 23.9 0.0 50.2

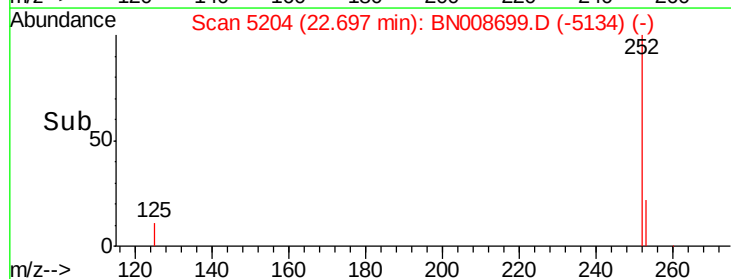
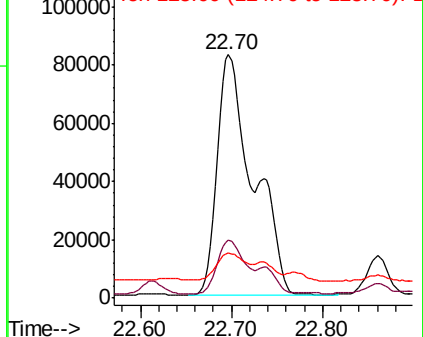
125 18.5 0.0 30.0

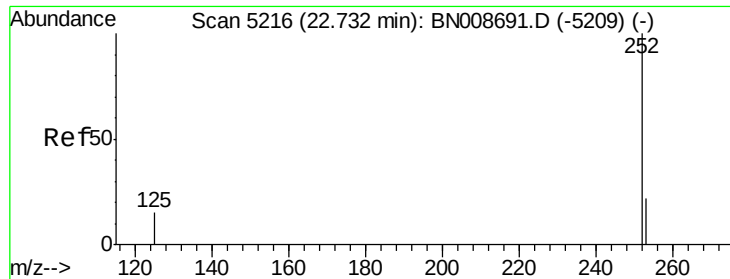


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.424 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.04 min

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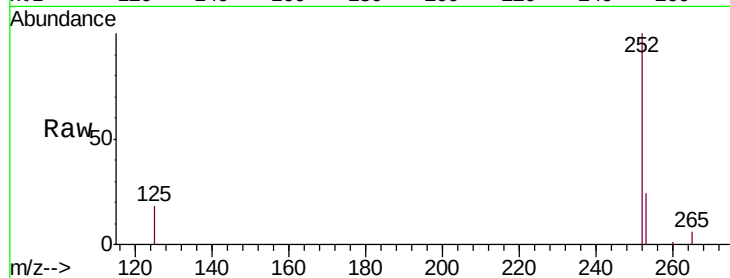
Tgt Ion:252 Resp: 225589

Ion Ratio Lower Upper

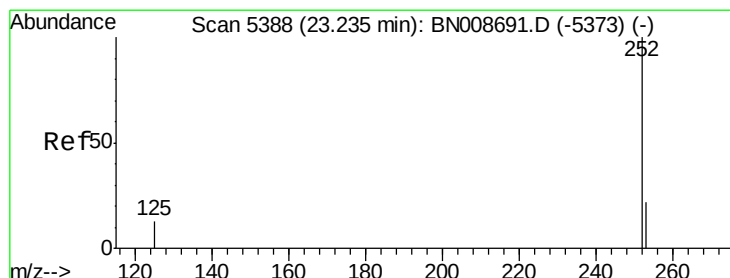
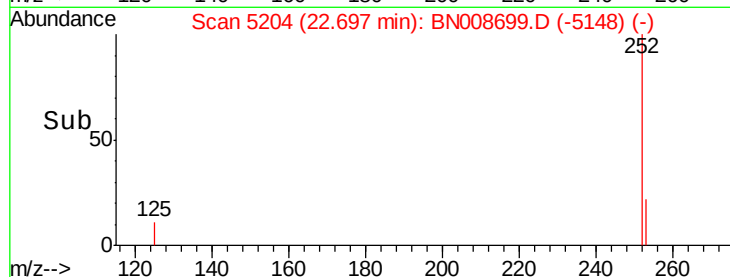
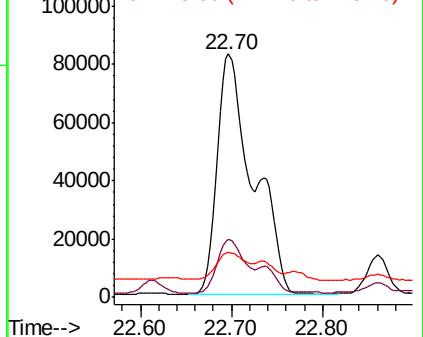
252 100

253 23.9 20.5 30.7

125 18.5 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: 1.886 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. 0.01 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

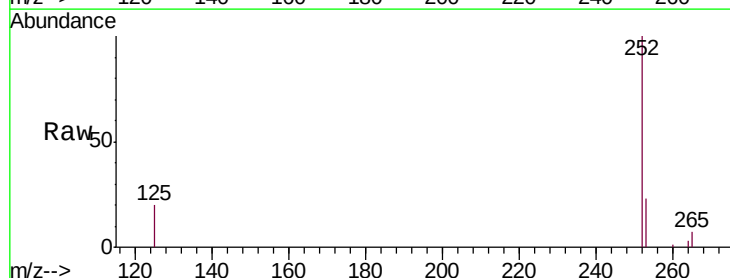
Tgt Ion:252 Resp: 117612

Ion Ratio Lower Upper

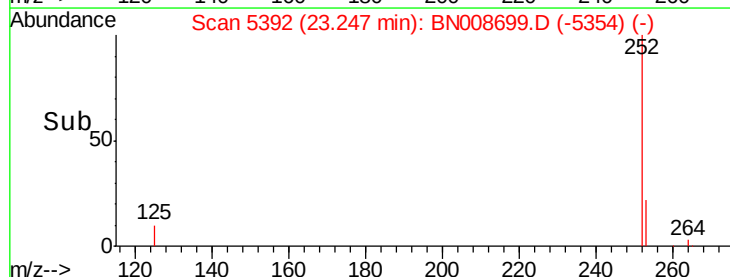
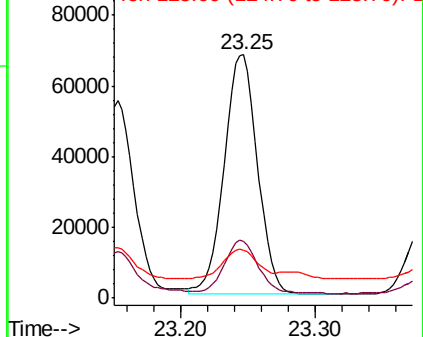
252 100

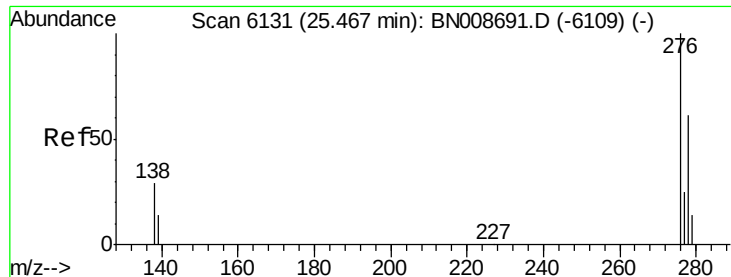
253 23.4 21.4 32.2

125 19.8 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



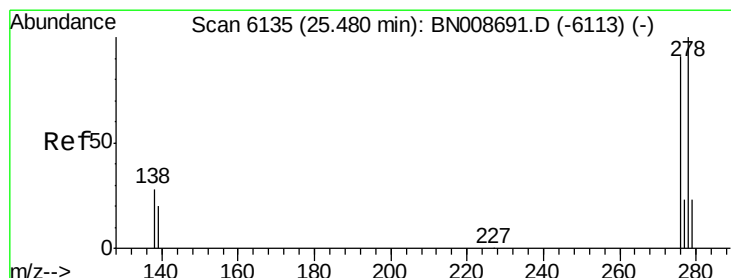
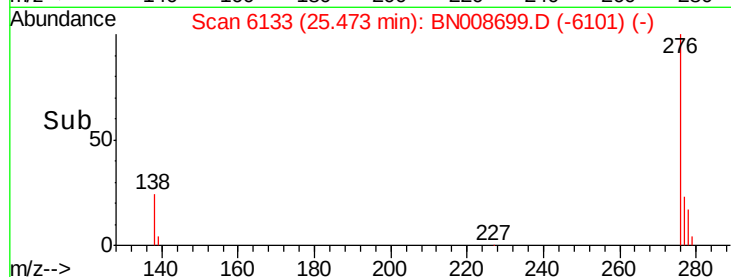
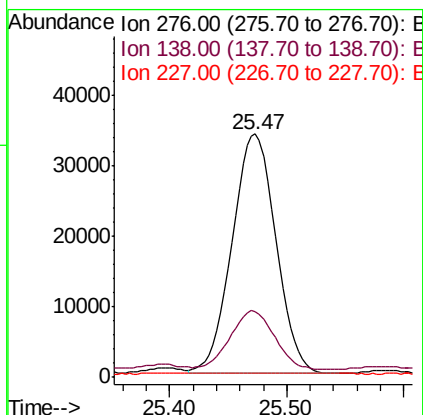
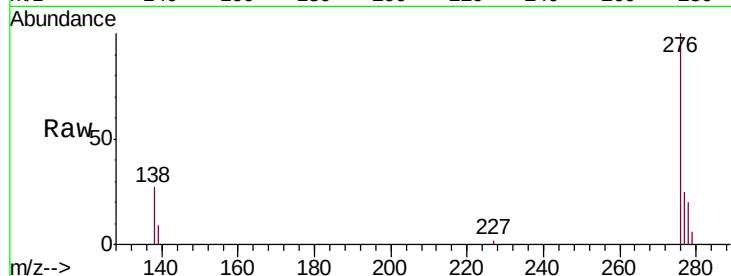


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.214 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. 0.01 min
Lab File: BN008699.D
Acq: 22 Nov 2019 05:28

Instrument :
BNA_N
ClientSampleId :
C0AB6

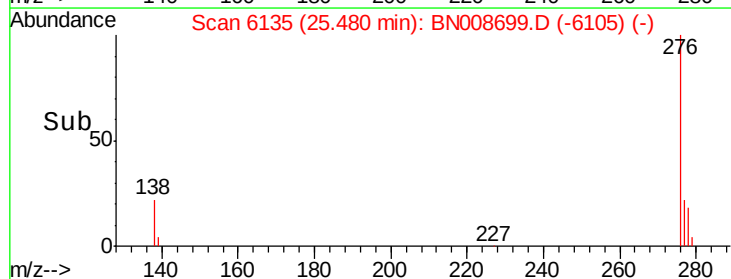
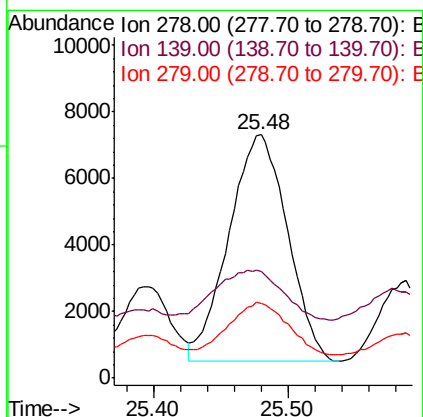
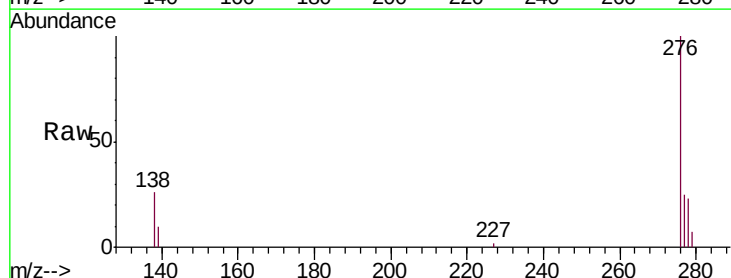
Tgt Ion: 276 Resp: 88517
Ion Ratio Lower Upper
276 100
138 24.9 21.7 32.5
227 0.5 0.2 0.2#

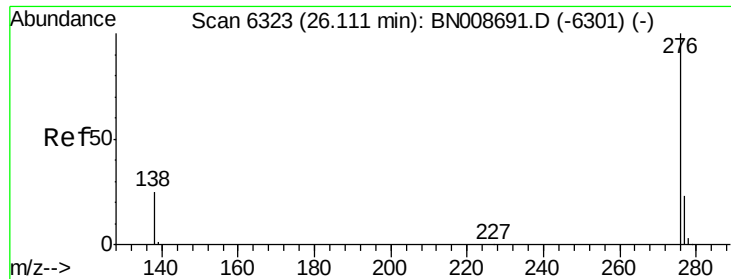


#25

Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008699.D
Acq: 22 Nov 2019 05:28

Tgt Ion: 278 Resp: 20571
Ion Ratio Lower Upper
278 100
139 43.7 18.7 28.1#
279 30.6 20.8 31.2





#26

Benzo(g,h,i)perylene

Concen: 1.521 ng/ul

RT: 26.12 min Scan# 6326

Delta R.T. 0.01 min

Lab File: BN008699.D

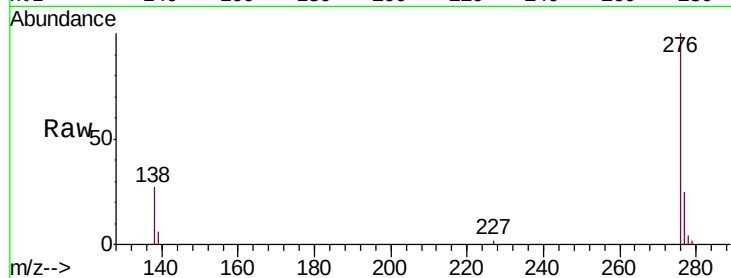
Acq: 22 Nov 2019 05:28

Instrument :

BNA_N

ClientSampleId :

C0AB6



Tgt Ion: 276 Resp: 92772

Ion Ratio Lower Upper

276 100

138 27.4 20.0 30.0

277 24.9 20.0 30.0

