

Data File : BN008698.D
Acq On : 22 Nov 2019 04:52
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD3

Quant Time: Nov 22 07:16:42 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	4428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16182	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9677	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	13779	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14600	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5972	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	14270	0.00	ng/ul	0.00

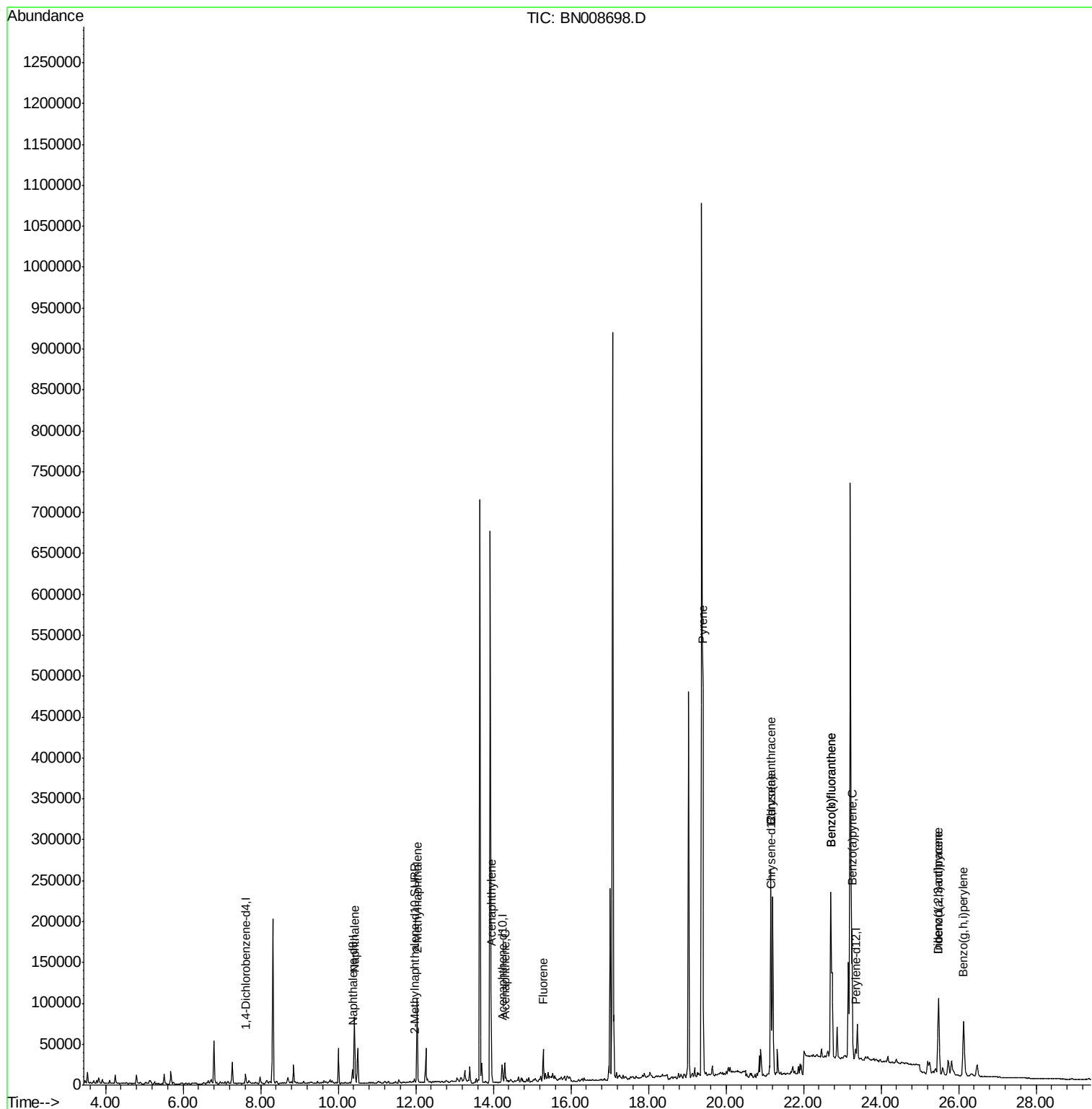
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	104673	2.146	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	71748	2.106	ng/ul	100
7) Acenaphthylene	13.95	152	25953	0.485	ng/ul	96
8) Acenaphthene	14.30	153	15120	0.381	ng/ul	99
9) Fluorene	15.29	166	21509	0.461	ng/ul#	94
17) Pyrene	19.40	202	387680	7.013	ng/ul	98
18) Benzo(a)anthracene	21.16	228	212312	3.831	ng/ul	96
19) Chrysene	21.16	228	212312	3.901	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	413621	6.870	ng/ul	89
22) Benzo(k)fluoranthene	22.70	252	413527	6.926	ng/ul#	91
23) Benzo(a)pyrene	23.25	252	193281	3.420	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.48	276	132082	1.999	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.49	278	35042	0.657	ng/ul#	57
26) Benzo(g,h,i)perylene	26.13	276	123660	2.237	ng/ul	96

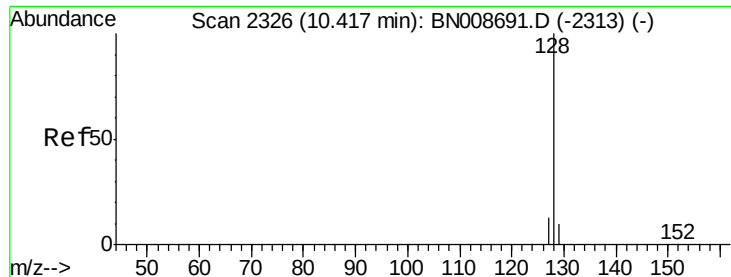
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN008698.D
Acq On : 22 Nov 2019 04:52
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD3

Quant Time: Nov 22 07:16:42 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: 2.146 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

Instrument :

BNA_N

ClientSampleId :

C0AD3

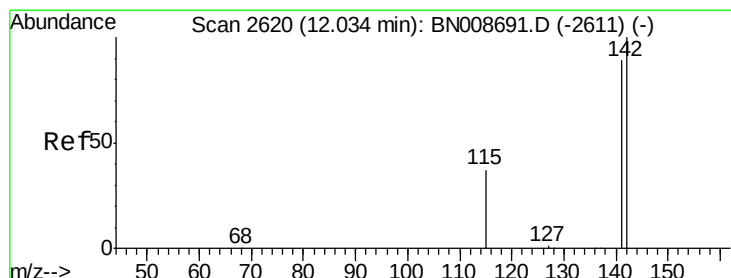
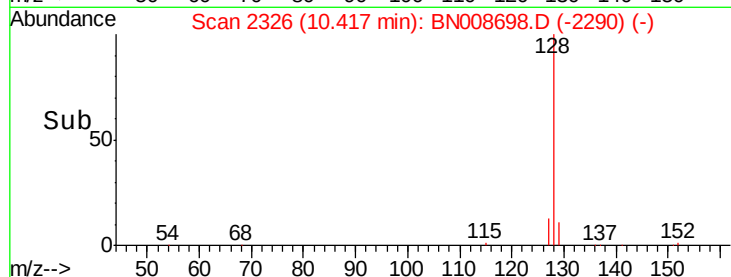
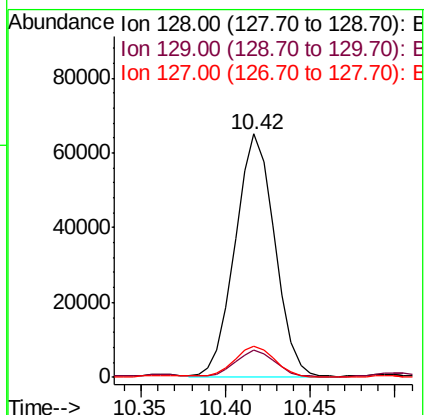
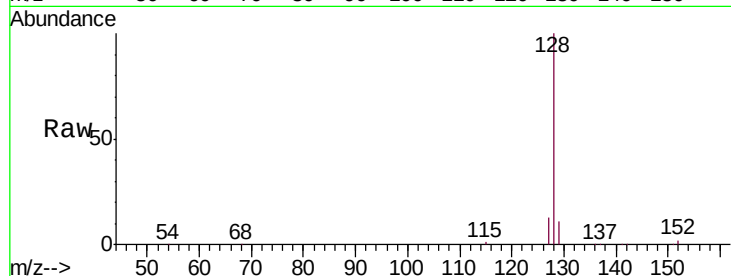
Tgt Ion:128 Resp: 104673

Ion Ratio Lower Upper

128 100

129 11.1 9.7 14.5

127 12.9 10.8 16.2



#5

2-Methylnaphthalene

Concen: 2.106 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN008698.D

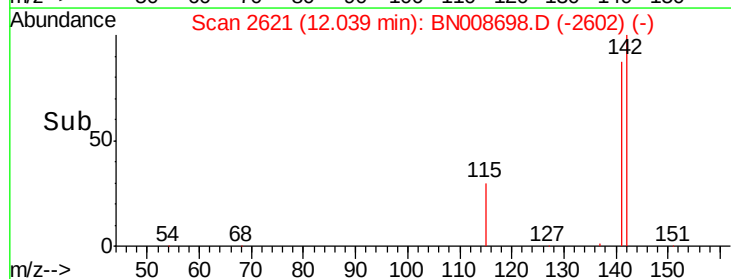
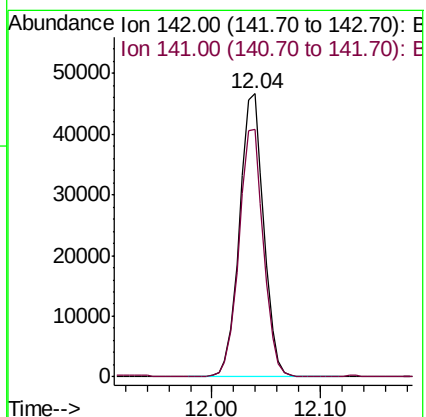
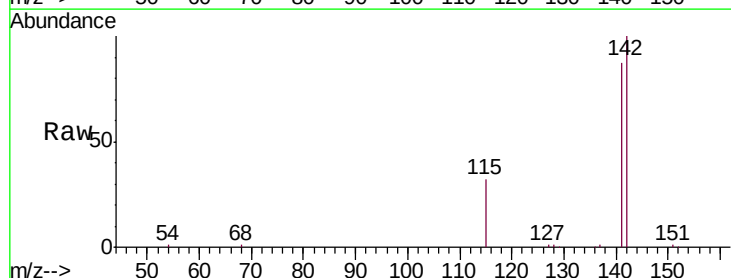
Acq: 22 Nov 2019 04:52

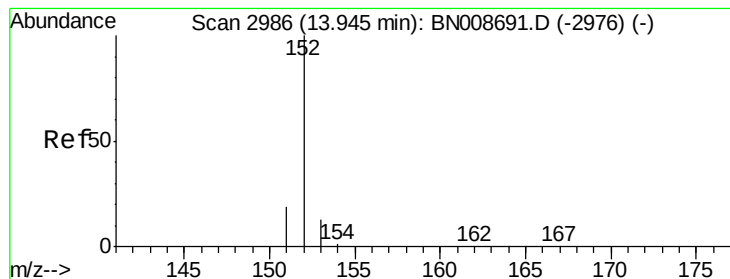
Tgt Ion:142 Resp: 71748

Ion Ratio Lower Upper

142 100

141 88.1 70.5 105.7





#7

Acenaphthylene

Concen: 0.485 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

Instrument :

BNA_N

ClientSampleId :

C0AD3

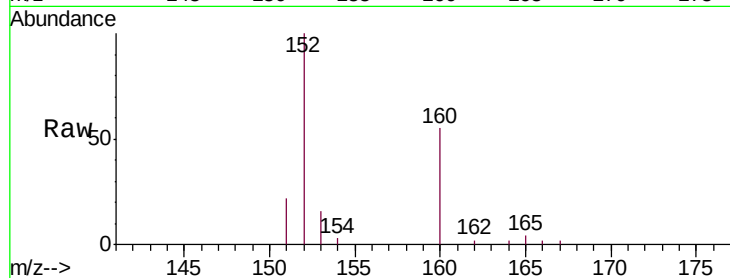
Tgt Ion:152 Resp: 25953

Ion Ratio Lower Upper

152 100

151 22.2 16.6 24.8

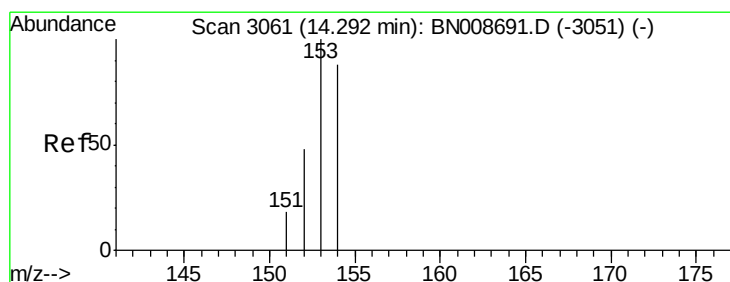
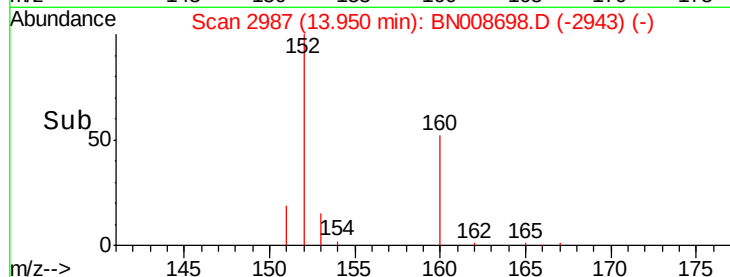
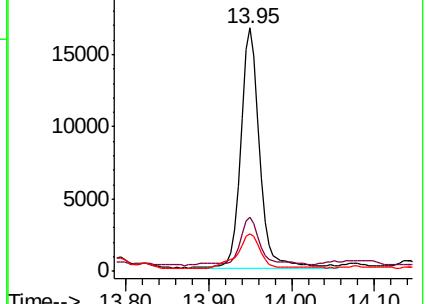
153 15.6 11.1 16.7



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: 0.381 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

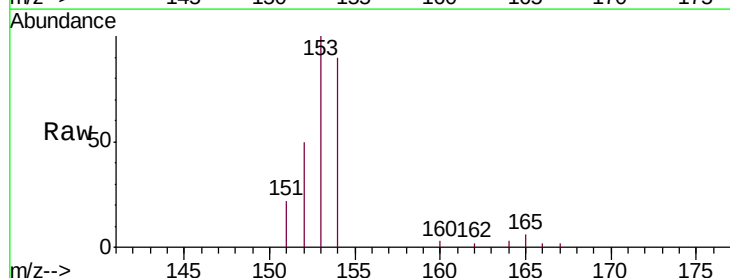
Tgt Ion:153 Resp: 15120

Ion Ratio Lower Upper

153 100

152 49.6 39.6 59.4

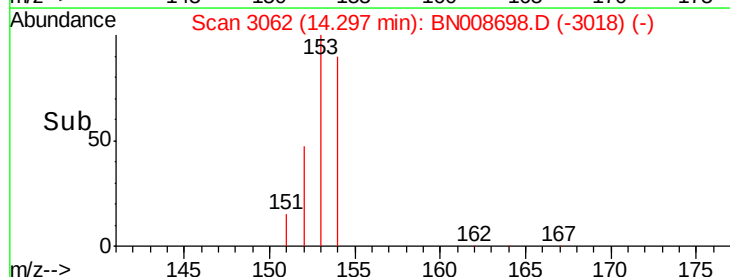
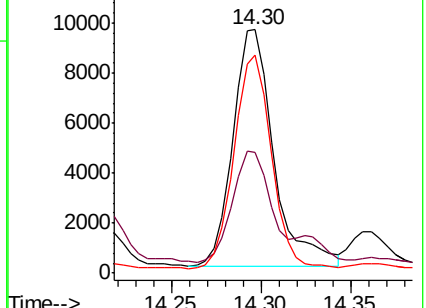
154 89.6 70.6 106.0

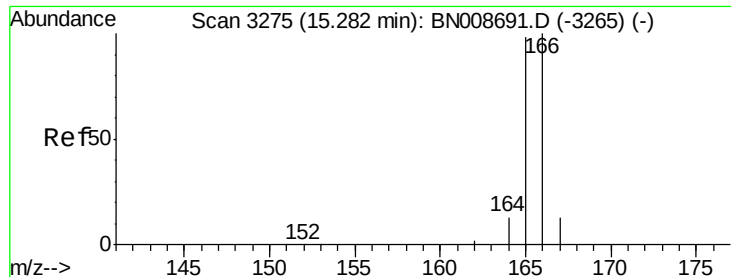


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.461 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

Instrument :

BNA_N

ClientSampleId :

C0AD3

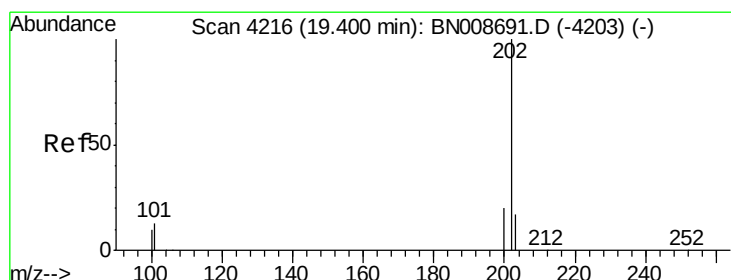
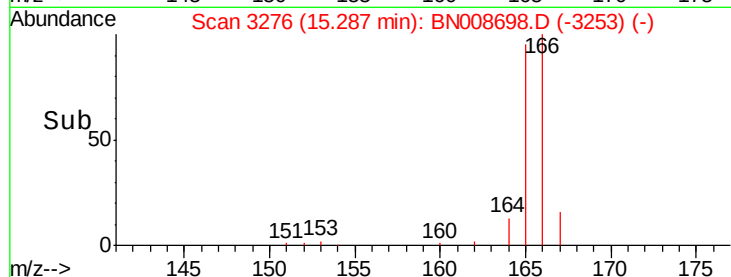
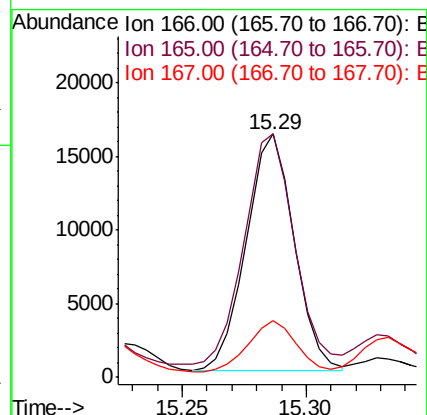
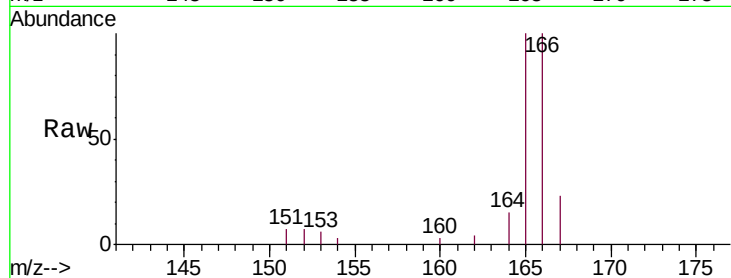
Tgt Ion:166 Resp: 21509

Ion Ratio Lower Upper

166 100

165 99.9 77.4 116.0

167 23.1 11.4 17.0#



#17

Pyrene

Concen: 7.013 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

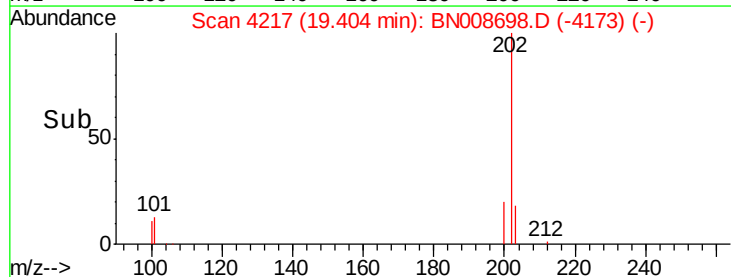
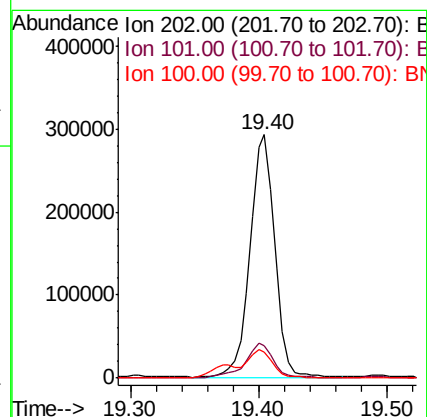
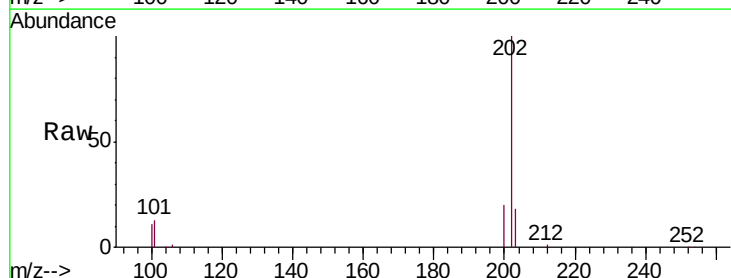
Tgt Ion:202 Resp: 387680

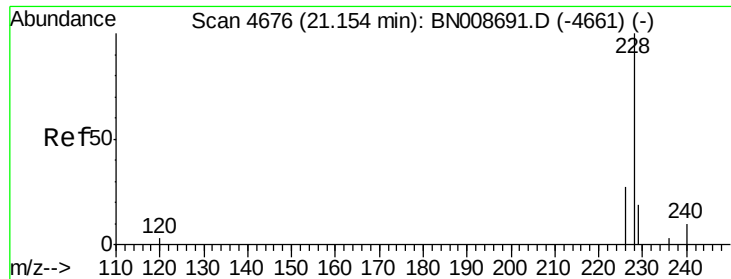
Ion Ratio Lower Upper

202 100

101 13.4 10.2 15.2

100 10.7 8.2 12.2





#18

Benzo(a)anthracene

Concen: 3.831 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. 0.00 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

Instrument :

BNA_N

ClientSampleId :

C0AD3

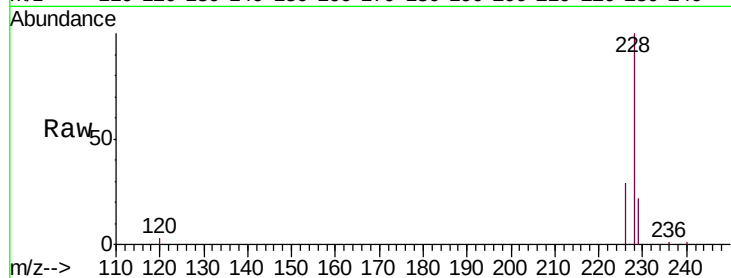
Tgt Ion:228 Resp: 212312

Ion Ratio Lower Upper

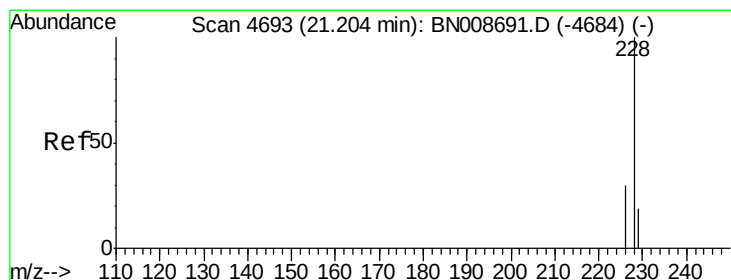
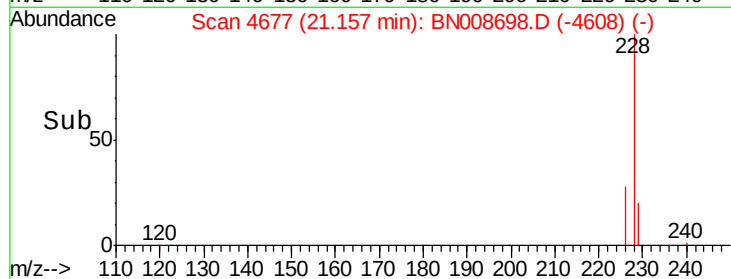
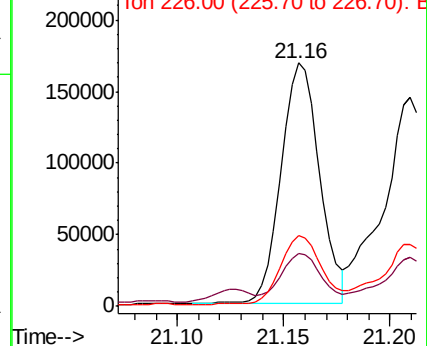
228 100

229 21.5 15.8 23.6

226 28.9 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: 3.901 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.05 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

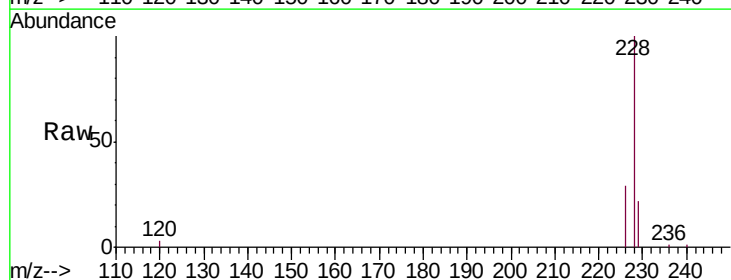
Tgt Ion:228 Resp: 212312

Ion Ratio Lower Upper

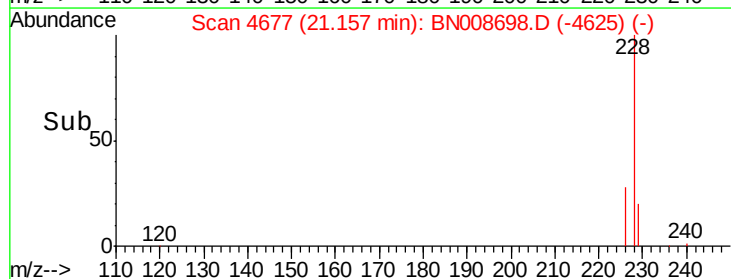
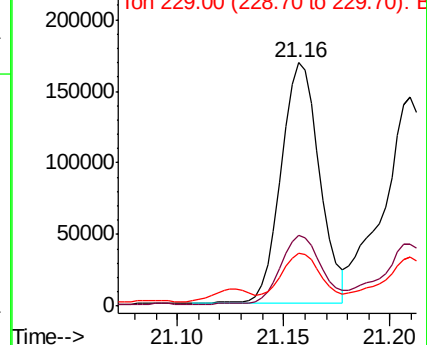
228 100

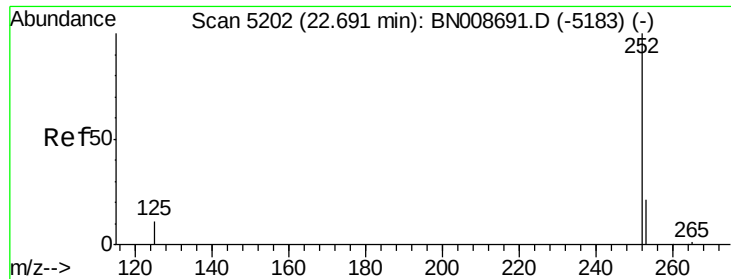
226 28.9 24.5 36.7

229 21.5 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: 6.870 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. 0.01 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

Instrument :

BNA_N

ClientSampleId :

C0AD3

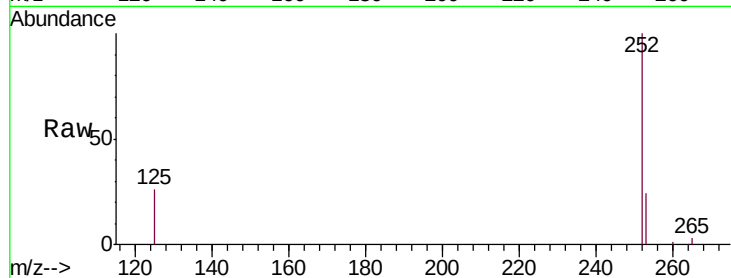
Tgt Ion:252 Resp: 413621

Ion Ratio Lower Upper

252 100

253 24.1 0.0 50.2

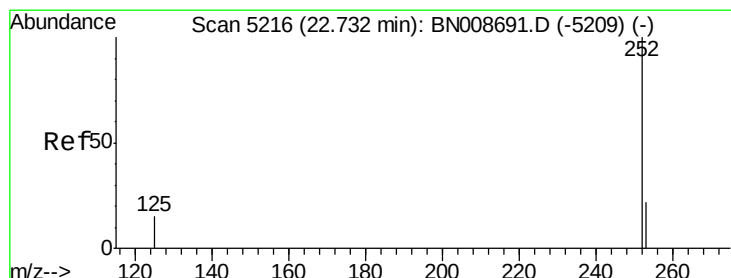
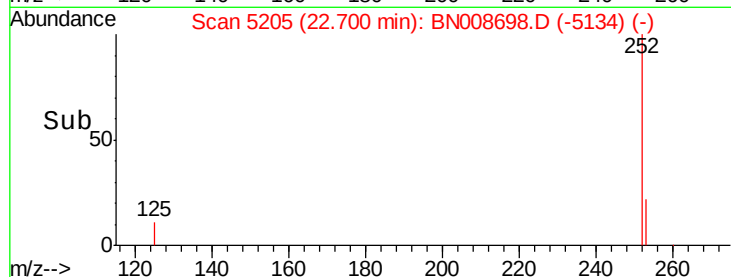
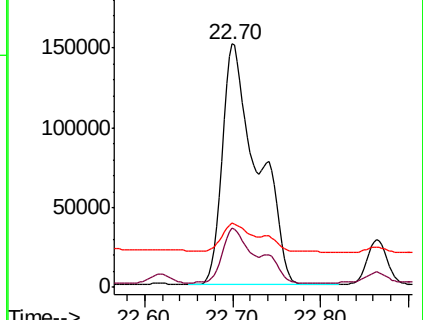
125 26.2 0.0 30.0



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: 6.926 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.03 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

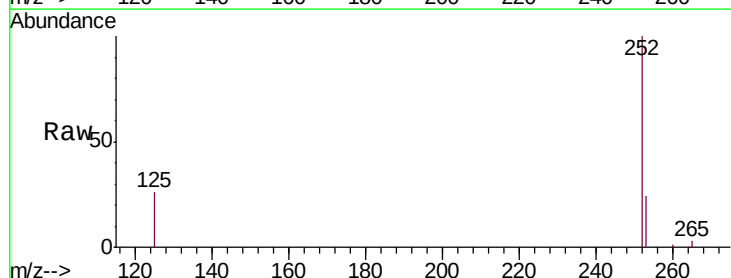
Tgt Ion:252 Resp: 413527

Ion Ratio Lower Upper

252 100

253 24.1 20.5 30.7

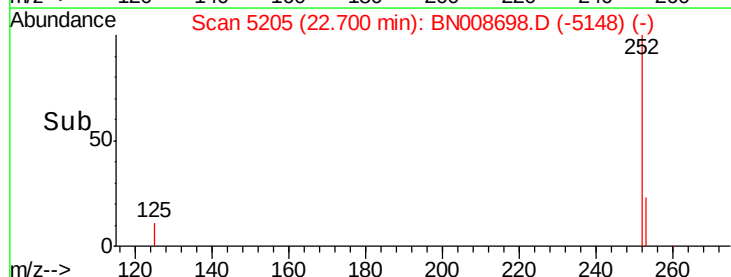
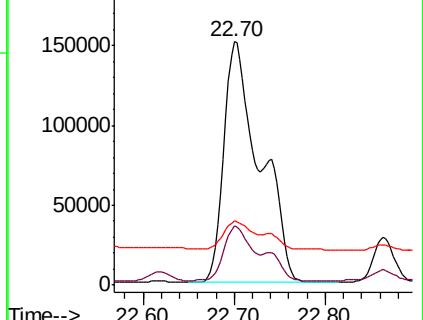
125 26.2 15.0 22.4#

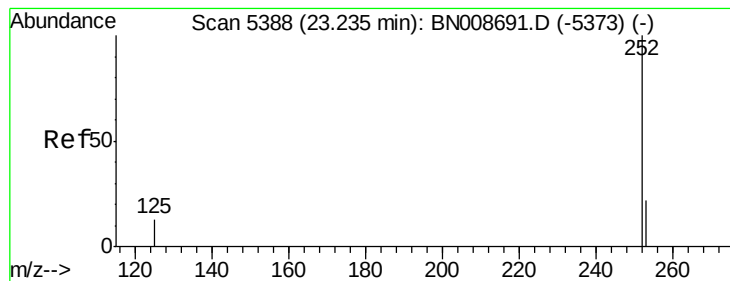


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.420 ng/ul

RT: 23.25 min Scan# 5393

Delta R.T. 0.01 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

Instrument :

BNA_N

ClientSampleId :

C0AD3

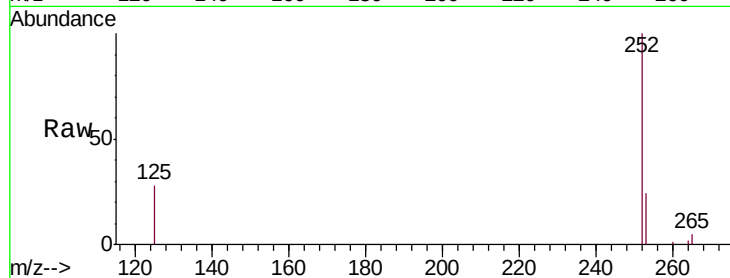
Tgt Ion:252 Resp: 193281

Ion Ratio Lower Upper

252 100

253 23.9 21.4 32.2

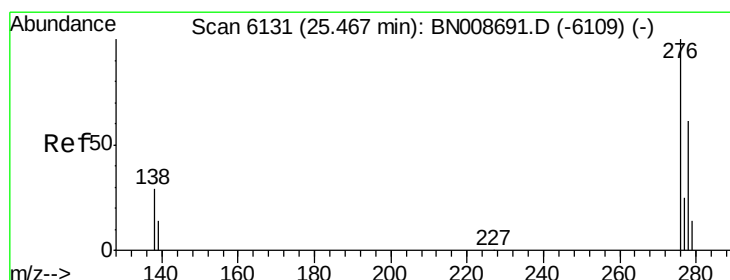
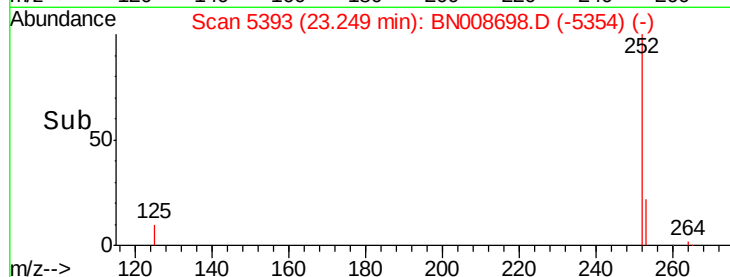
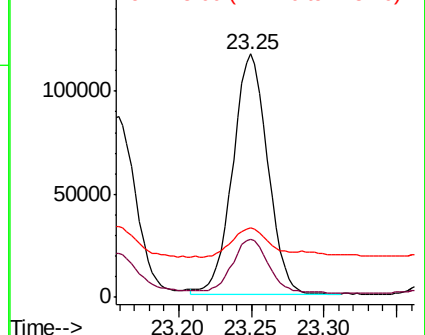
125 28.3 13.8 20.8#



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: 1.999 ng/ul

RT: 25.48 min Scan# 6135

Delta R.T. 0.01 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

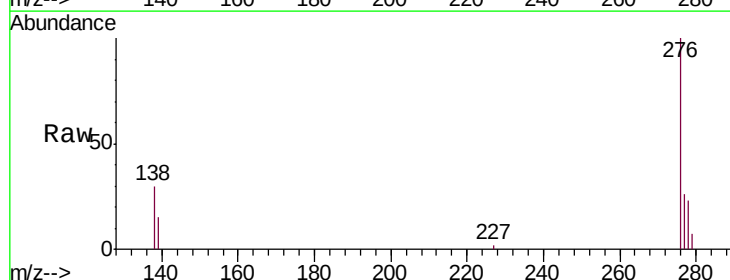
Tgt Ion:276 Resp: 132082

Ion Ratio Lower Upper

276 100

138 24.7 21.7 32.5

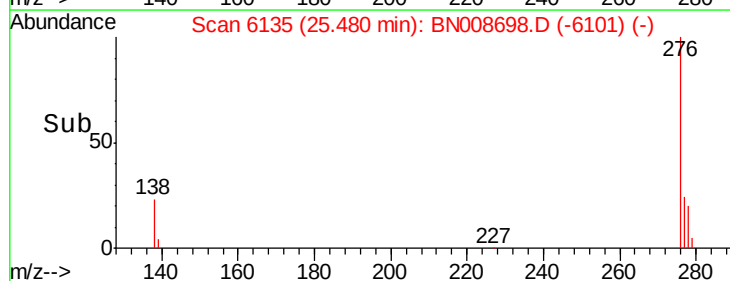
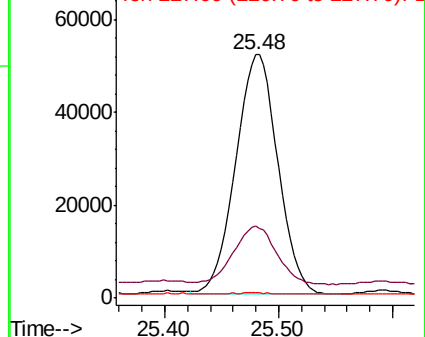
227 0.3 0.2 0.2#

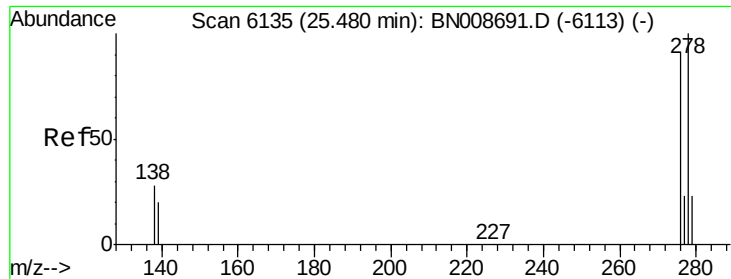


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.657 ng/ul

RT: 25.49 min Scan# 6137

Delta R.T. 0.01 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

Instrument :

BNA_N

ClientSampleId :

C0AD3

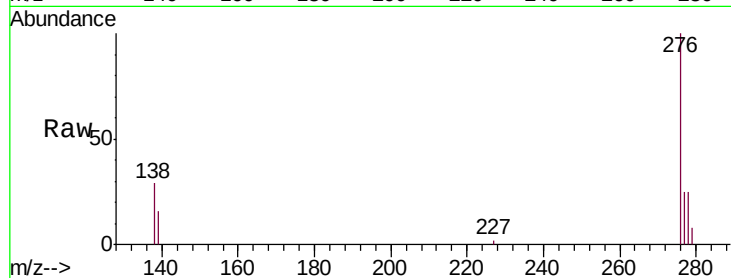
Tgt Ion:278 Resp: 35042

Ion Ratio Lower Upper

278 100

139 63.1 18.7 28.1#

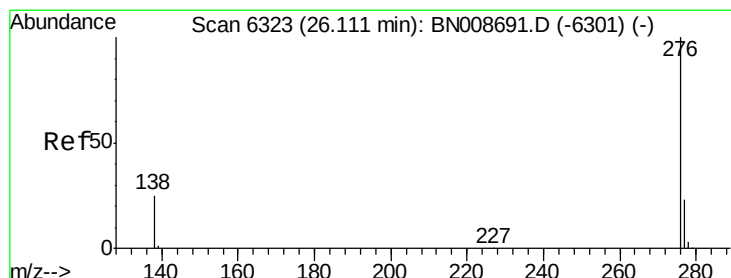
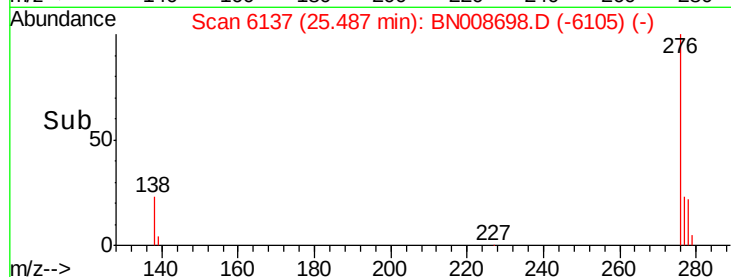
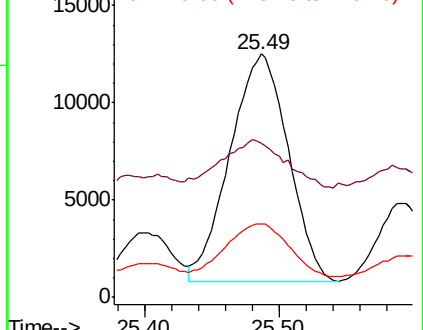
279 30.1 20.8 31.2



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: 2.237 ng/ul

RT: 26.13 min Scan# 6328

Delta R.T. 0.02 min

Lab File: BN008698.D

Acq: 22 Nov 2019 04:52

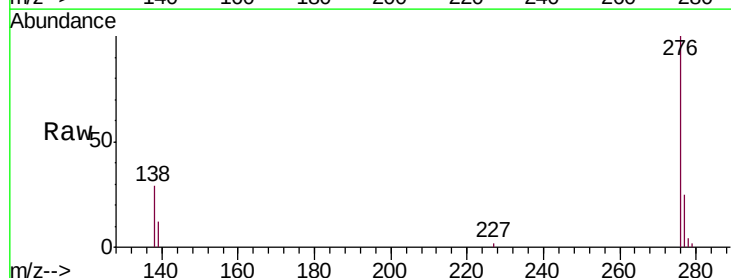
Tgt Ion:276 Resp: 123660

Ion Ratio Lower Upper

276 100

138 29.2 20.0 30.0

277 24.9 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

