

Data File : BN008689.D
Acq On : 21 Nov 2019 22:15
Operator : JU
Sample : K5851-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB2DL

Quant Time: Nov 22 06:34:41 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 06:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3908	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13885	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8241	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16432	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14041	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14244	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	357	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	825	0.02	ng/ul	0.00

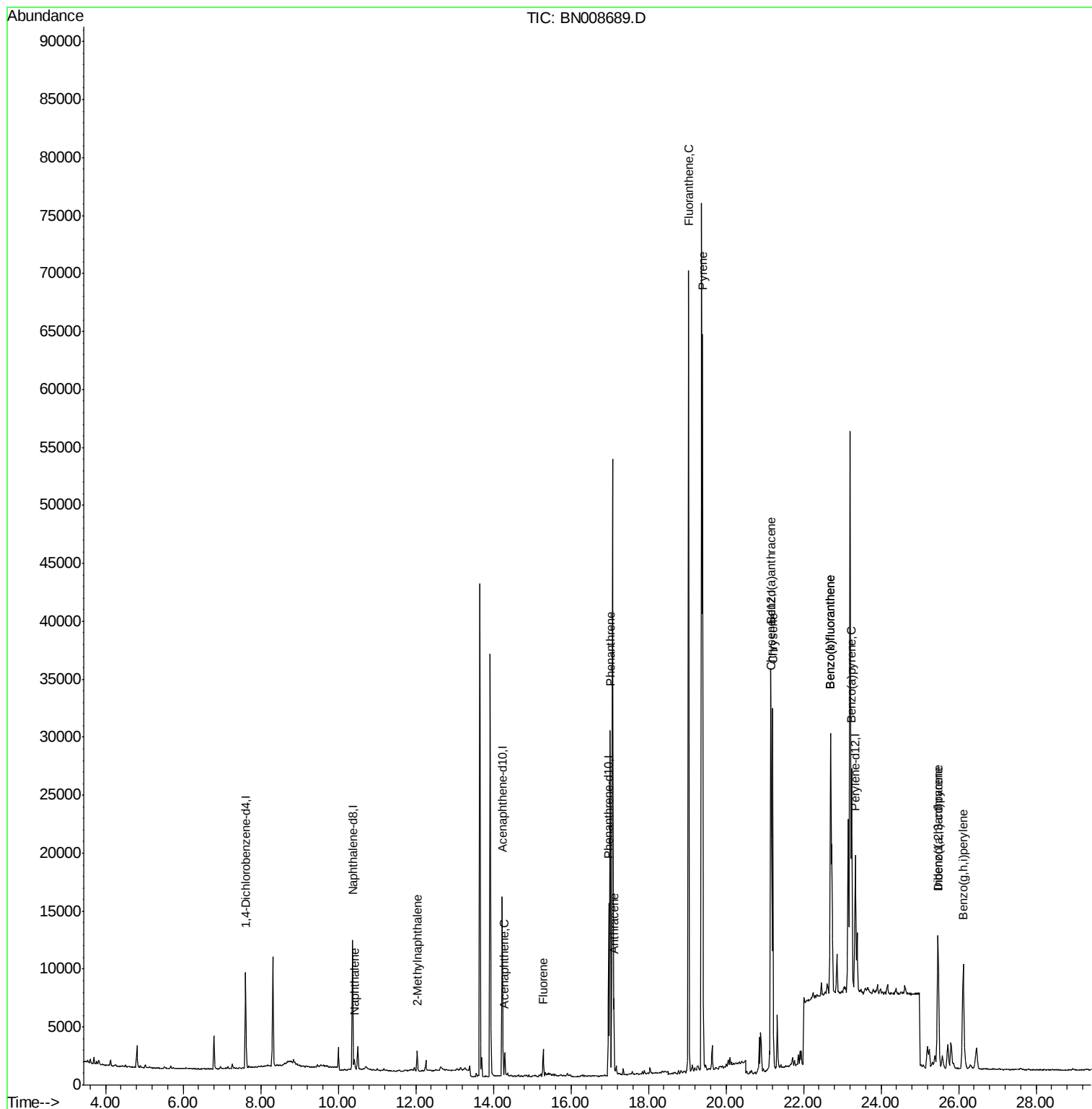
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	1204	0.029	ng/ul#	81
5) 2-Methylnaphthalene	12.04	142	1279	0.044	ng/ul	100
8) Acenaphthene	14.30	153	1223	0.036	ng/ul	97
9) Fluorene	15.29	166	1422	0.036	ng/ul#	95
12) Phenanthrene	17.02	178	30025	0.542	ng/ul	99
13) Anthracene	17.11	178	6068	0.116	ng/ul	99
15) Fluoranthene	19.04	202	56934	0.836	ng/ul	93
17) Pyrene	19.40	202	53133	0.943	ng/ul	95
18) Benzo(a)anthracene	21.15	228	26771	0.474	ng/ul	98
19) Chrysene	21.21	228	28728	0.518	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	47784	0.814	ng/ul	94
22) Benzo(k)fluoranthene	22.69	252	47784	0.820	ng/ul	98
23) Benzo(a)pyrene	23.24	252	24383	0.442	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.46	276	16832	0.261	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.48	278	4308	0.083	ng/ul#	66
26) Benzo(g,h,i)perylene	26.12	276	17022	0.316	ng/ul	96

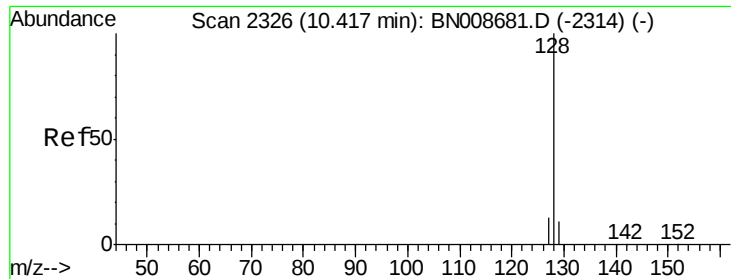
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 06:34:41 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 06:30:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.029 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

C0AB2DL

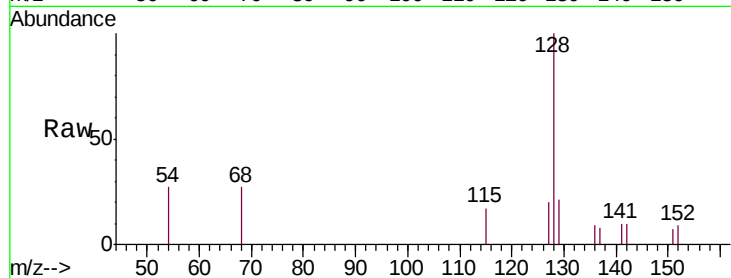
Tgt Ion:128 Resp: 1204

Ion Ratio Lower Upper

128 100

129 20.8 9.7 14.5#

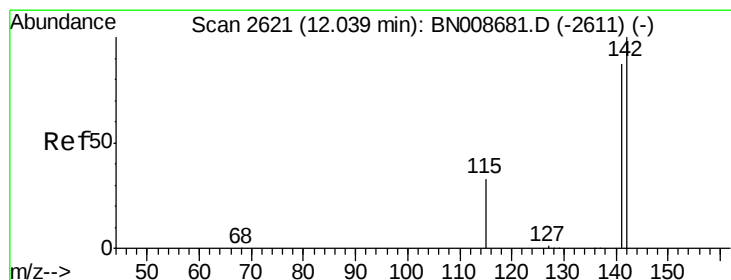
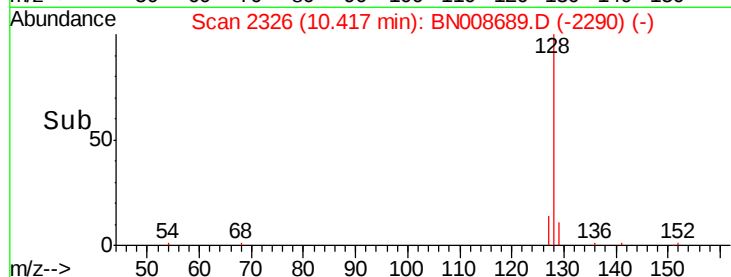
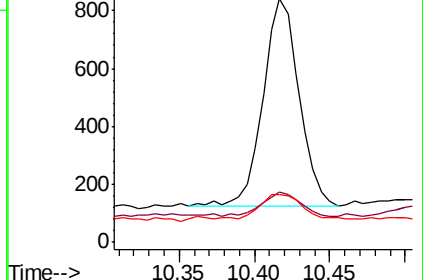
127 19.9 10.8 16.2#



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: 0.044 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BN008689.D

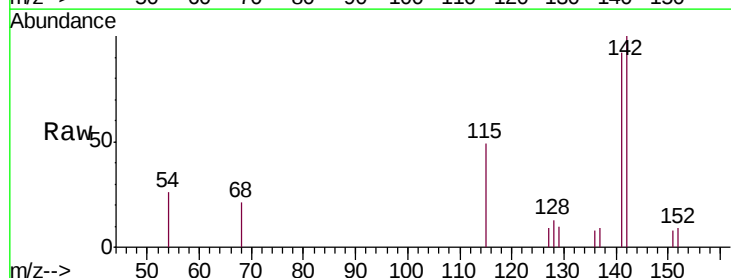
Acq: 21 Nov 2019 22:15

Tgt Ion:142 Resp: 1279

Ion Ratio Lower Upper

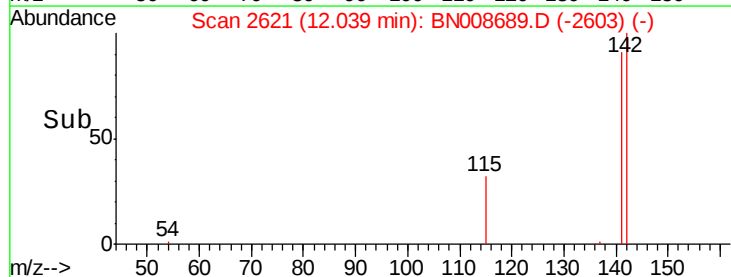
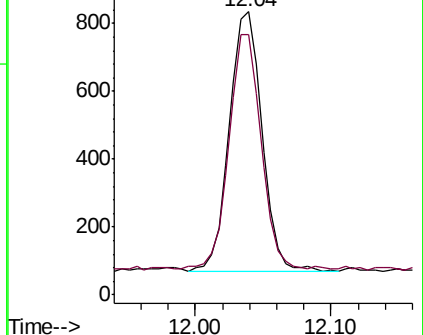
142 100

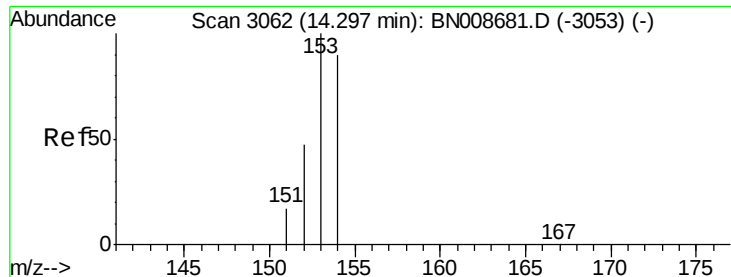
141 87.7 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

C0AB2DL

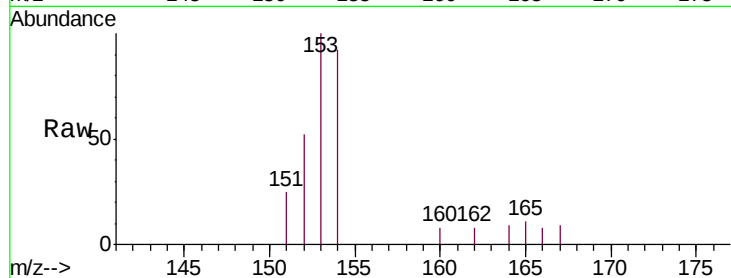
Tgt Ion:153 Resp: 1223

Ion Ratio Lower Upper

153 100

152 51.5 39.6 59.4

154 91.6 70.6 106.0

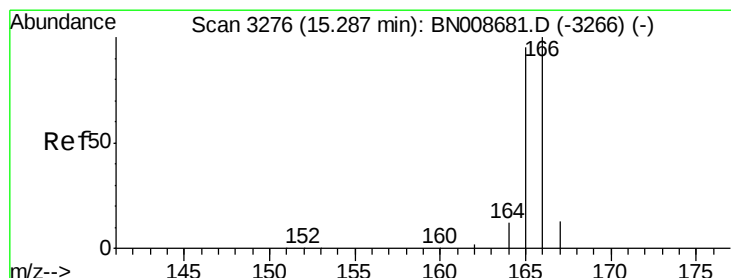
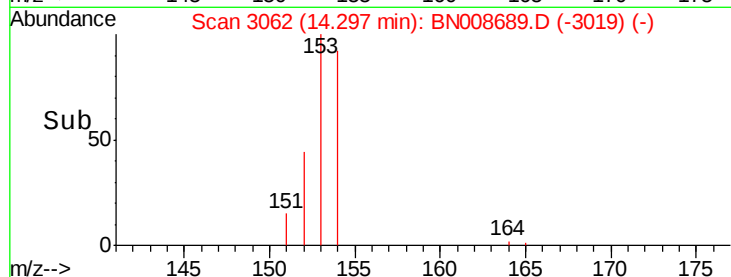
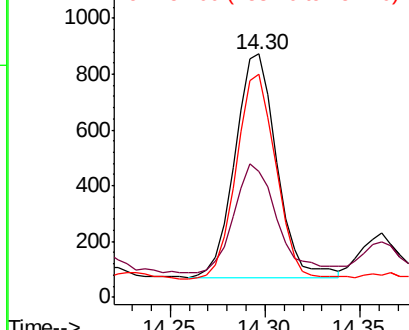


Abundance

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: 0.036 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

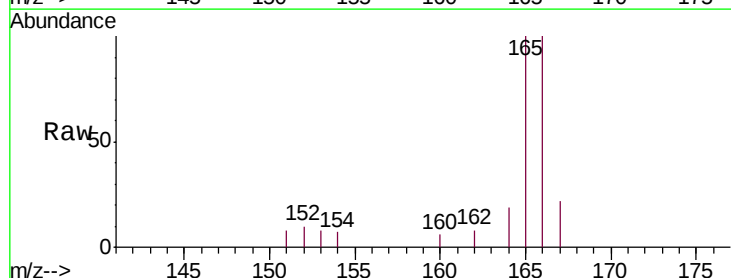
Tgt Ion:166 Resp: 1422

Ion Ratio Lower Upper

166 100

165 99.7 77.4 116.0

167 22.1 11.4 17.0#

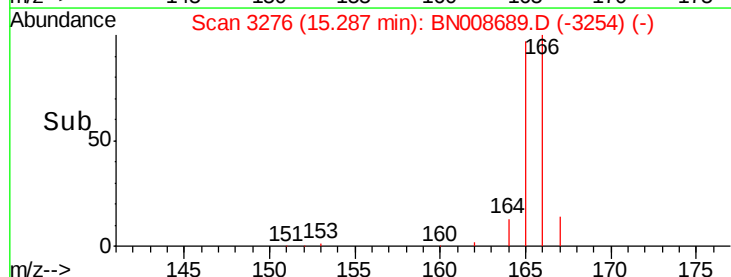
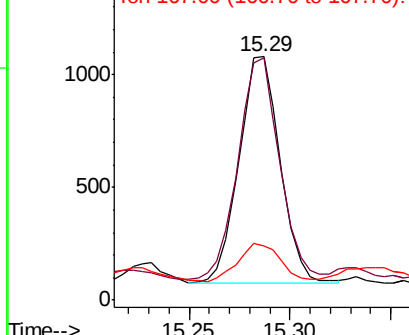


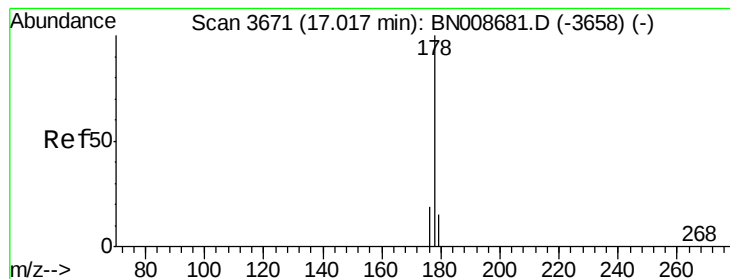
Abundance

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: 0.542 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

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C0AB2DL

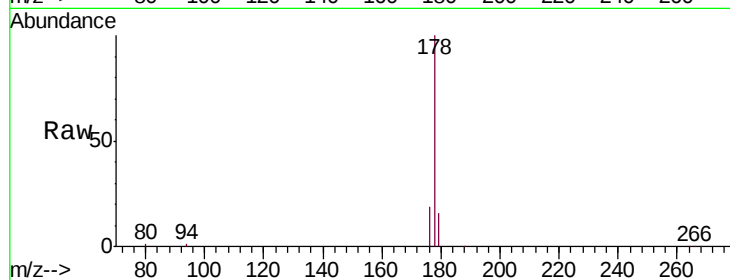
Tgt Ion:178 Resp: 30025

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

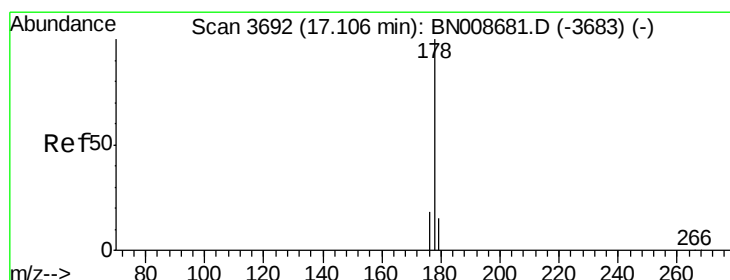
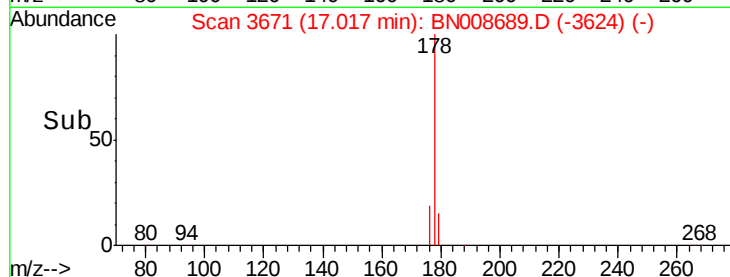
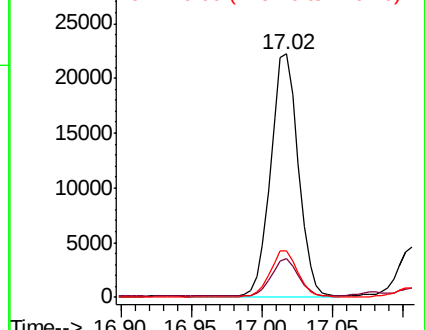
176 19.1 16.0 24.0



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: 0.116 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

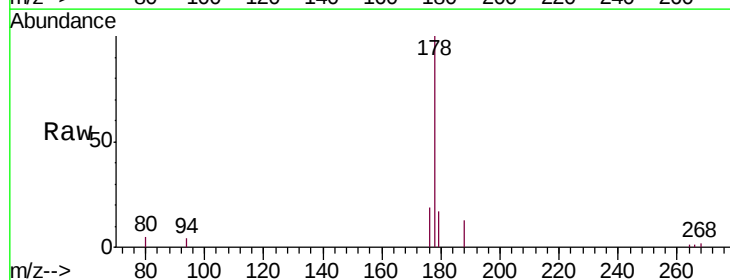
Tgt Ion:178 Resp: 6068

Ion Ratio Lower Upper

178 100

179 17.4 13.0 19.4

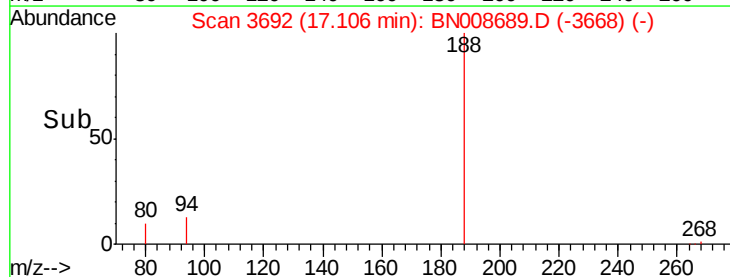
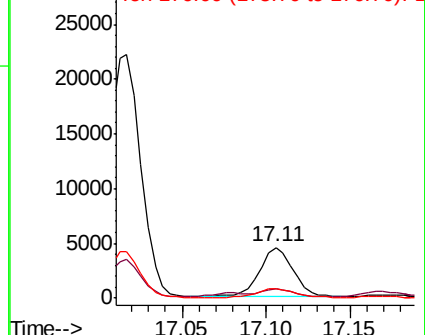
176 19.2 15.3 22.9

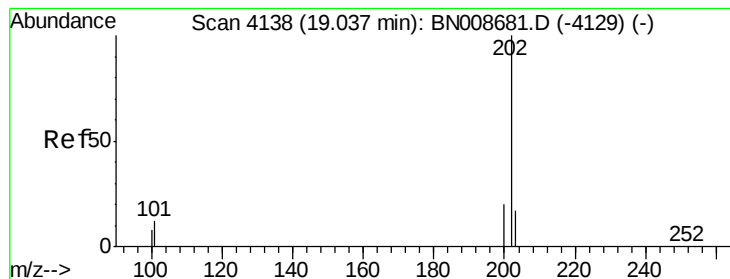


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.836 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

BNA_N

ClientSampleId :

C0AB2DL

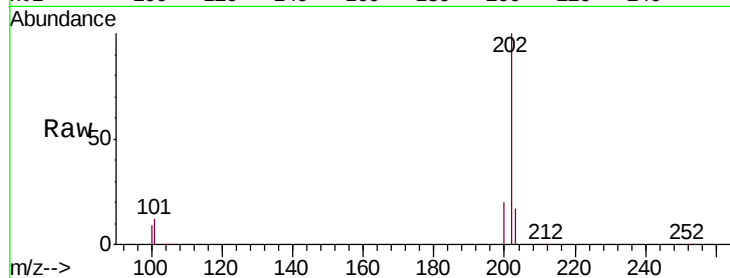
Tgt Ion:202 Resp: 56934

Ion Ratio Lower Upper

202 100

101 12.2 0.0 29.6

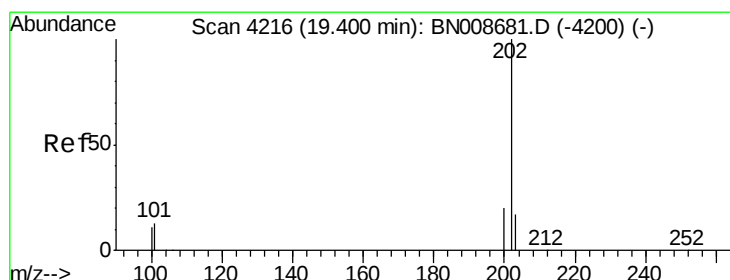
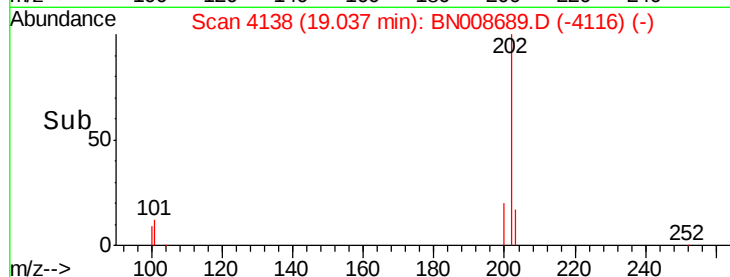
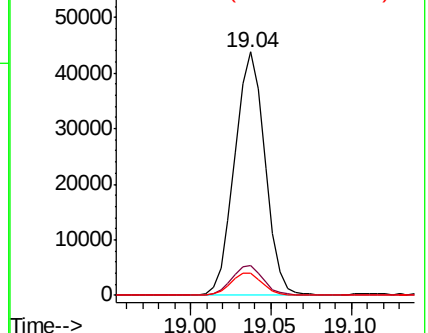
100 9.2 0.0 27.0



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: 0.943 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

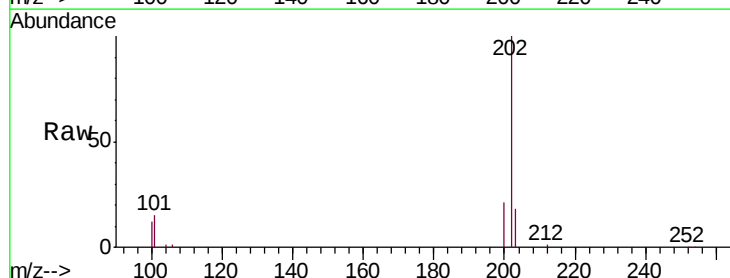
Tgt Ion:202 Resp: 53133

Ion Ratio Lower Upper

202 100

101 14.8 10.2 15.2

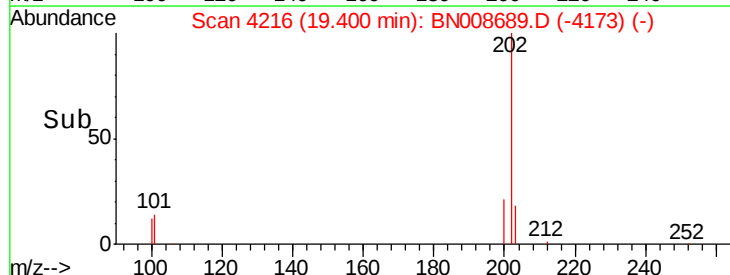
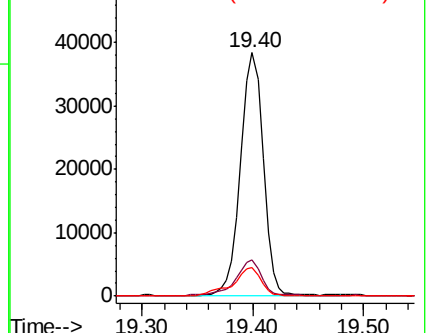
100 11.8 8.2 12.2

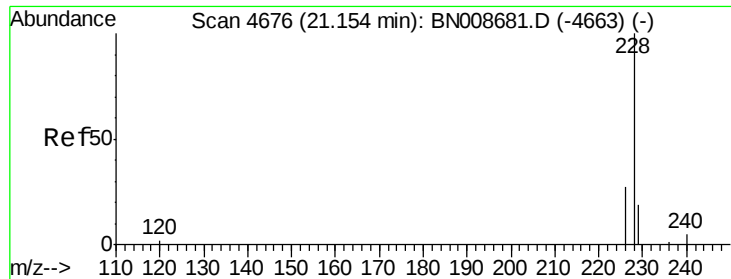


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.474 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

BNA_N

ClientSampleId :

C0AB2DL

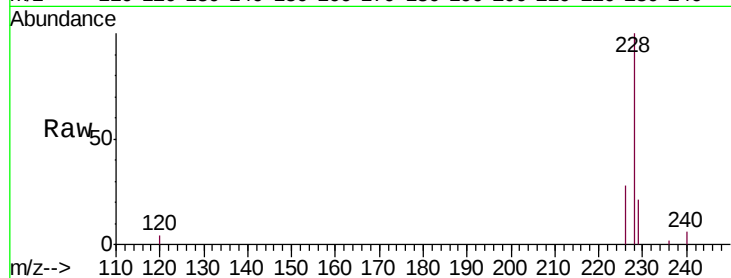
Tgt Ion:228 Resp: 26771

Ion Ratio Lower Upper

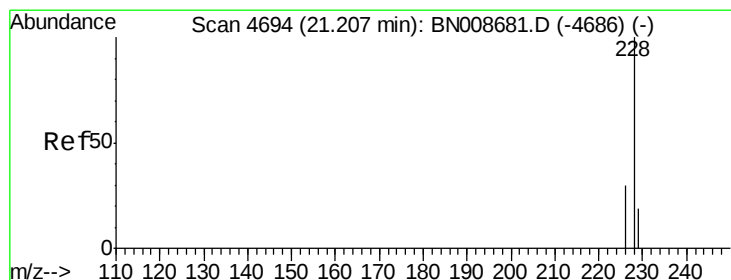
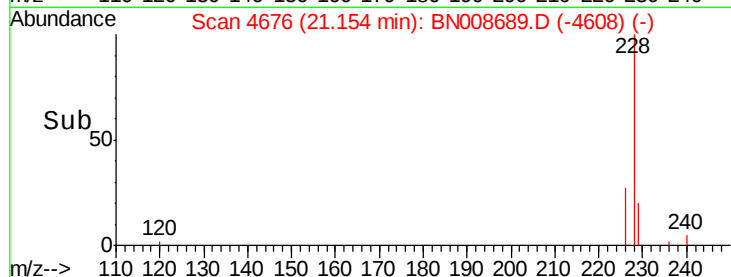
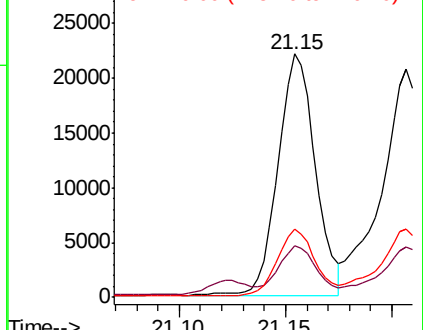
228 100

229 21.1 15.8 23.6

226 27.9 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: 0.518 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

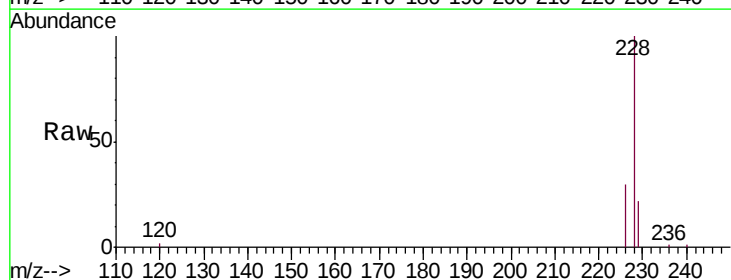
Tgt Ion:228 Resp: 28728

Ion Ratio Lower Upper

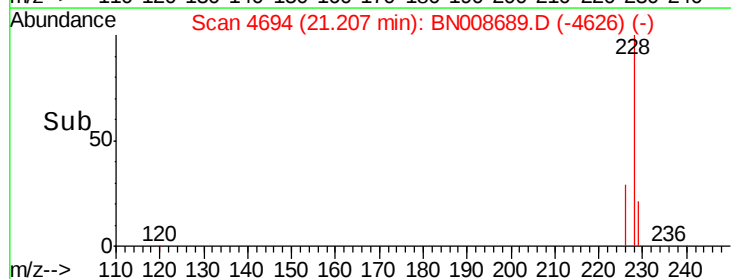
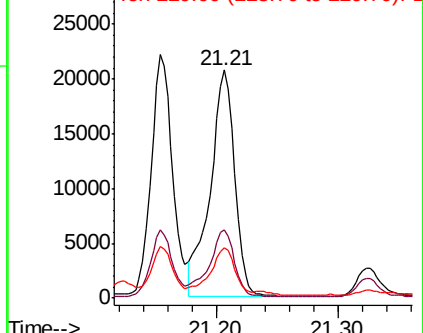
228 100

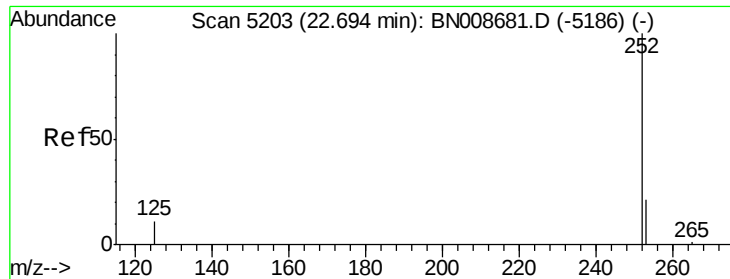
226 29.9 24.5 36.7

229 22.2 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: 0.814 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

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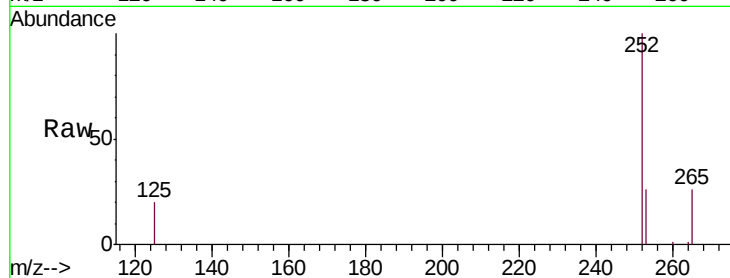
Tgt Ion:252 Resp: 47784

Ion Ratio Lower Upper

252 100

253 26.4 0.0 50.2

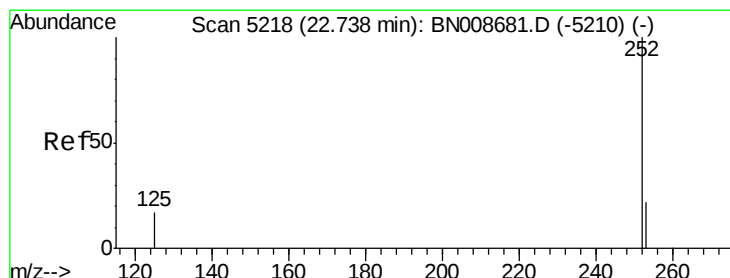
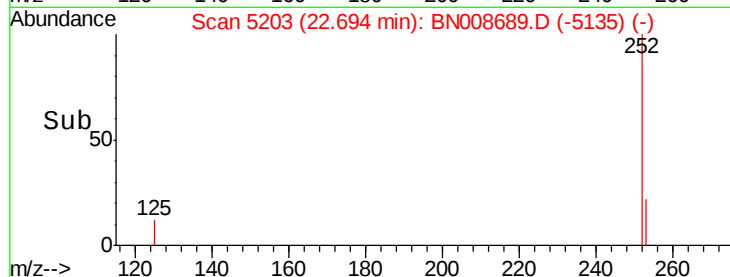
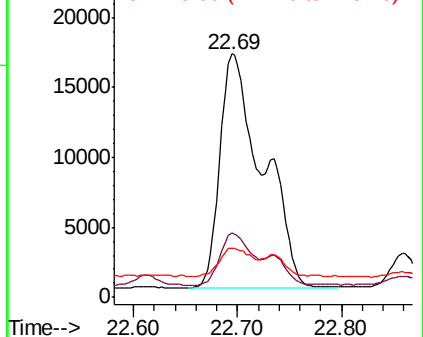
125 20.2 0.0 30.0



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: 0.820 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. -0.04 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

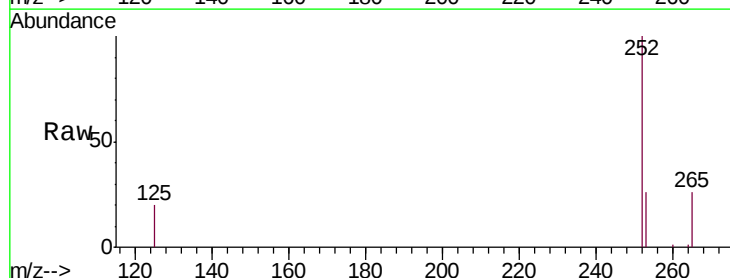
Tgt Ion:252 Resp: 47784

Ion Ratio Lower Upper

252 100

253 26.4 20.5 30.7

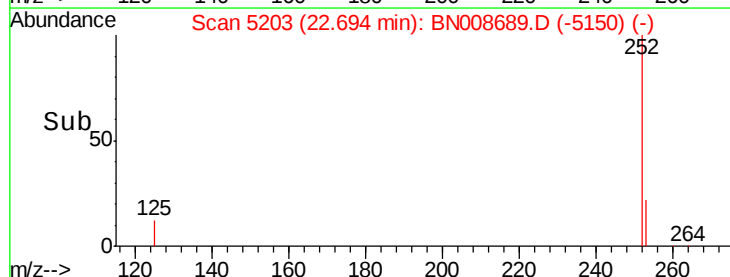
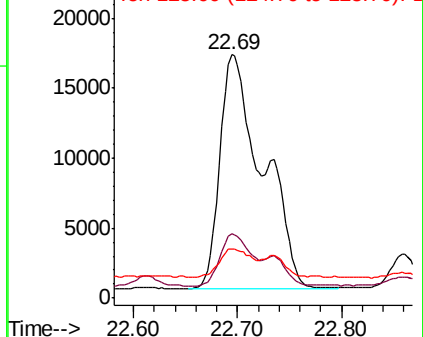
125 20.2 15.0 22.4

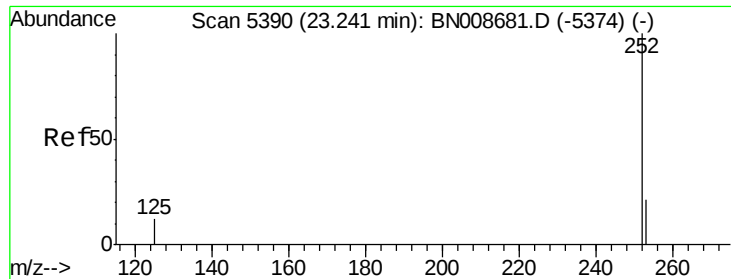


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.442 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

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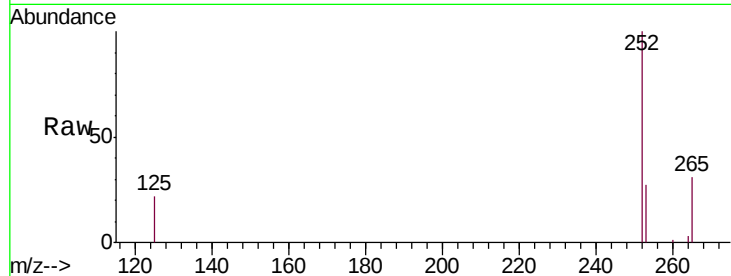
Tgt Ion: 252 Resp: 24383

Ion Ratio Lower Upper

252 100

253 27.2 21.4 32.2

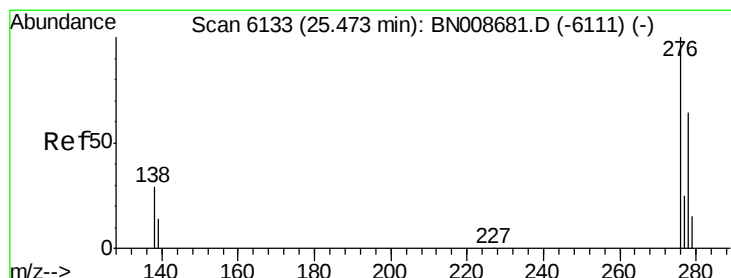
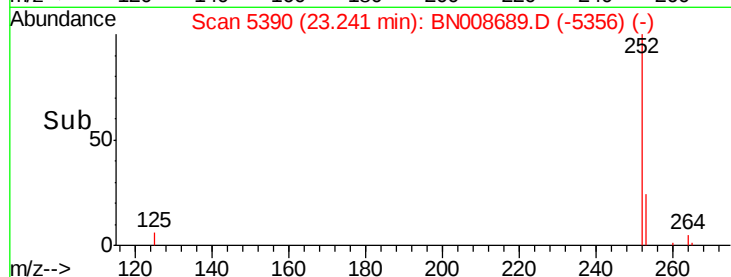
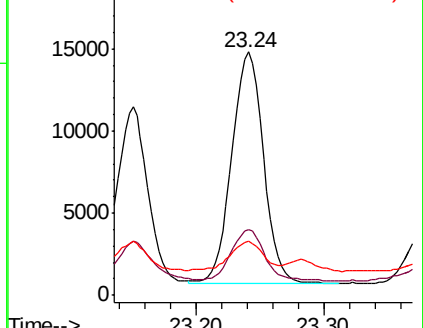
125 22.1 13.8 20.8#



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: 0.261 ng/ul

RT: 25.46 min Scan# 6130

Delta R.T. -0.01 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

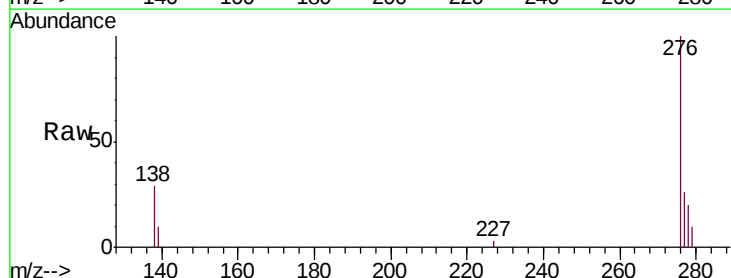
Tgt Ion: 276 Resp: 16832

Ion Ratio Lower Upper

276 100

138 26.2 21.7 32.5

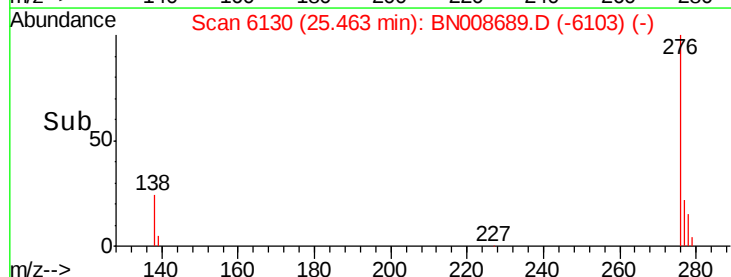
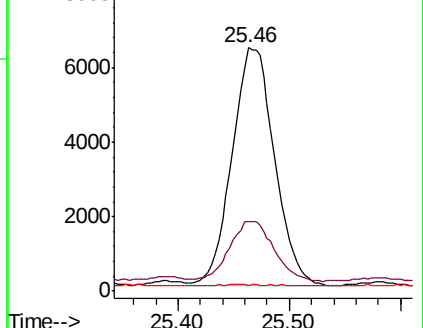
227 0.4 0.2 0.2#

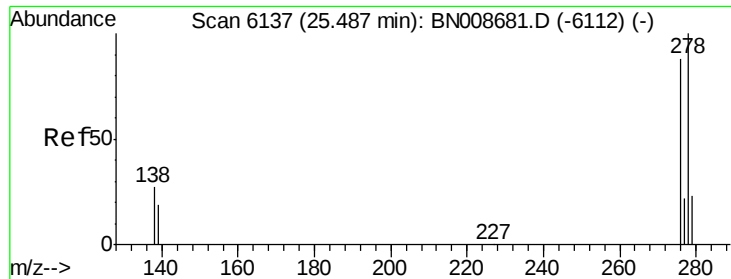


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

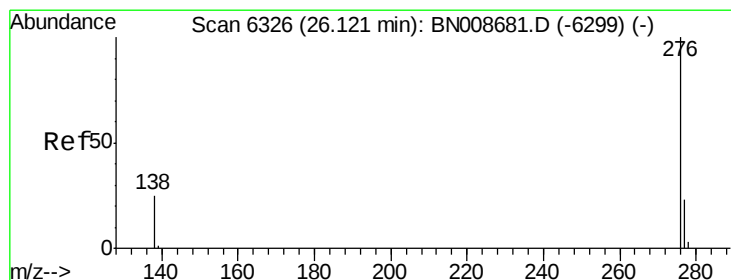
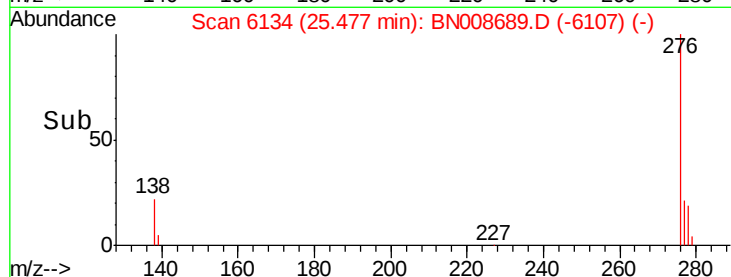
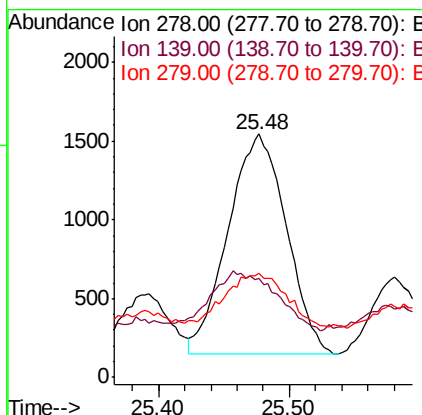
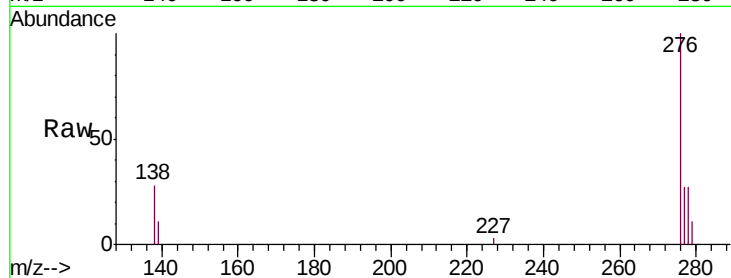




#25
Dibenzo(a,h)anthracene
Concen: 0.083 ng/u1
RT: 25.48 min Scan# 6134
Delta R.T. -0.01 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Instrument :
BNA_N
ClientSampleId :
C0AB2DL

Tgt Ion:278 Resp: 4308
Ion Ratio Lower Upper
278 100
139 40.5 18.7 28.1#
279 42.7 20.8 31.2#



#26
Benzo(g,h,i)perylene
Concen: 0.316 ng/u1
RT: 26.12 min Scan# 6325
Delta R.T. -0.00 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Tgt Ion:276 Resp: 17022
Ion Ratio Lower Upper
276 100
138 28.1 20.0 30.0
277 25.6 20.0 30.0

