

Data File : BN008609.D
Acq On : 18 Nov 2019 18:19
Operator : JU
Sample : K5678-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM69DL

Quant Time: Nov 19 01:51:11 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	13813	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	8354	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	17101	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	13159	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14646	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	729	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1740	0.03	ng/ul	0.00

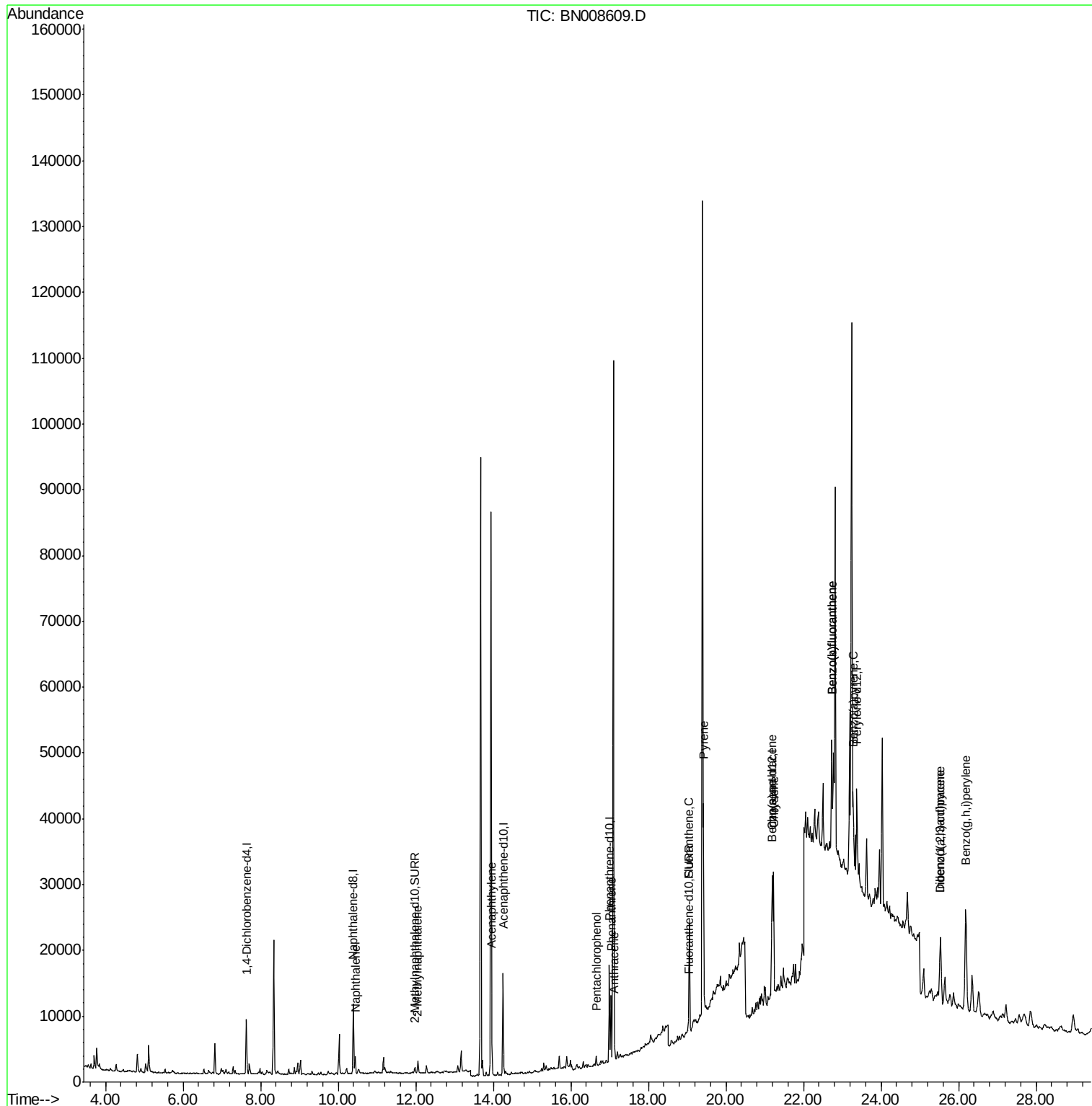
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.44	128	3384	0.081	ng/ul#	92
5) 2-Methylnaphthalene	12.06	142	1281	0.044	ng/ul	100
7) Acenaphthylene	13.97	152	1151	0.025	ng/ul#	72
11) Pentachlorophenol	16.65	266	700	0.108	ng/ul	95
12) Phenanthrene	17.04	178	10335	0.179	ng/ul#	91
13) Anthracene	17.13	178	1805	0.033	ng/ul#	39
15) Fluoranthene	19.06	202	14018	0.198	ng/ul	86
17) Pyrene	19.42	202	27935	0.529	ng/ul	98
18) Benzo(a)anthracene	21.18	228	8492	0.160	ng/ul#	55
19) Chrysene	21.23	228	22712	0.437	ng/ul#	77
21) Benzo(b)fluoranthene	22.73	252	25460	0.422	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	25460	0.425	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	17684	0.312	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	10953	0.165	ng/ul#	63
25) Dibenzo(a,h)anthracene	25.54	278	3711	0.069	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	30398	0.548	ng/ul#	76

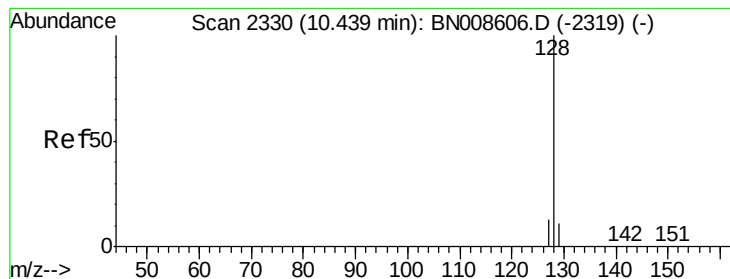
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.081 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

ClientSampleId :

JLM69DL

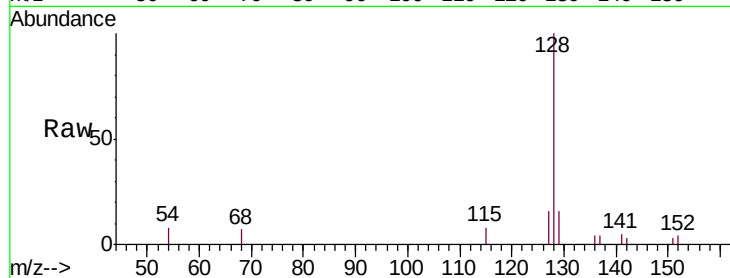
Tgt Ion:128 Resp: 3384

Ion Ratio Lower Upper

128 100

129 15.6 9.7 14.5#

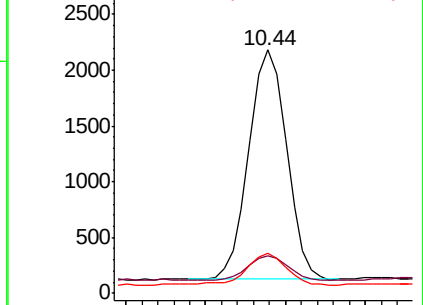
127 16.3 10.8 16.2#



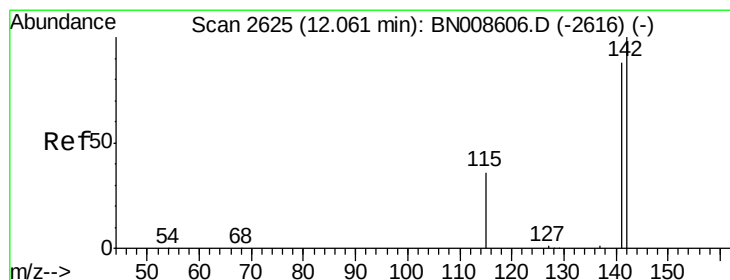
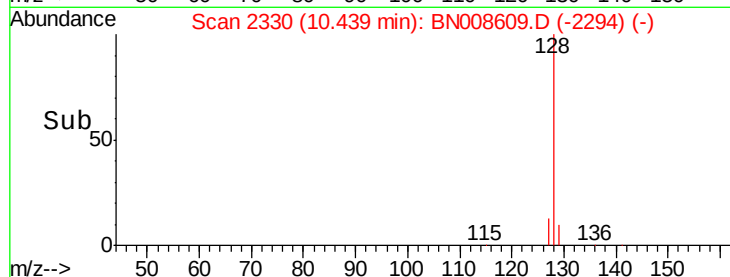
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008609.D

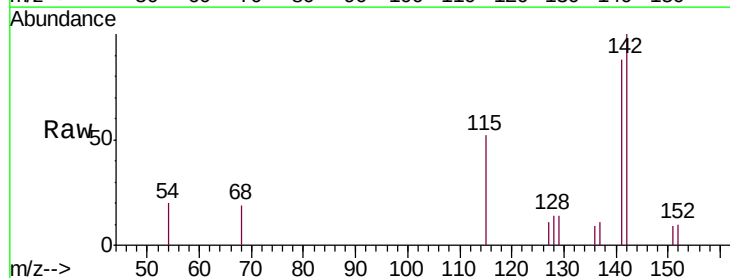
Acq: 18 Nov 2019 18:19

Tgt Ion:142 Resp: 1281

Ion Ratio Lower Upper

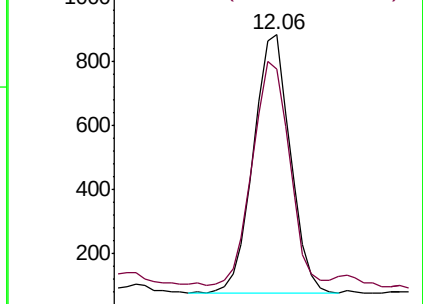
142 100

141 88.1 70.5 105.7

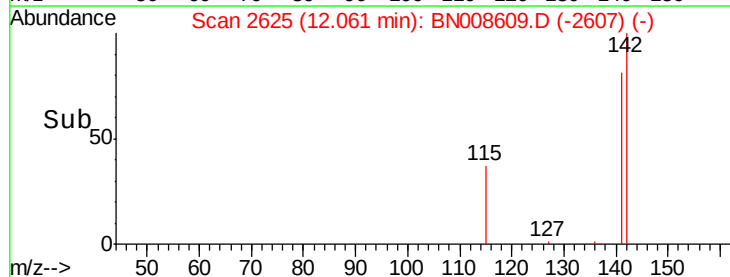


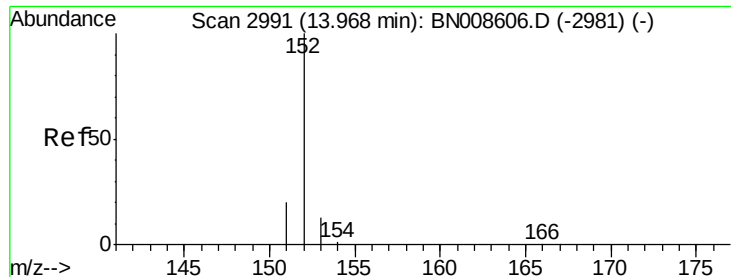
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

ClientSampleId :

JLM69DL

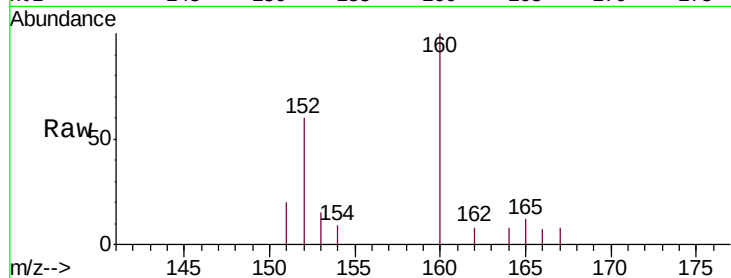
Tgt Ion:152 Resp: 1151

Ion Ratio Lower Upper

152 100

151 33.3 16.6 24.8#

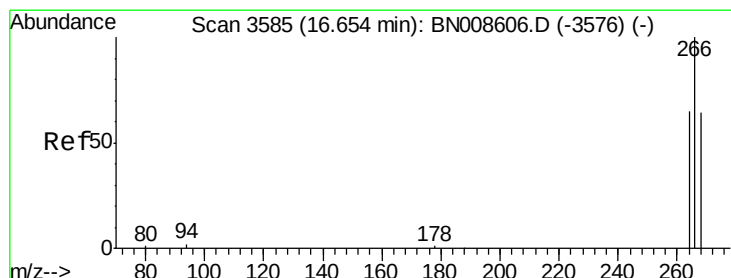
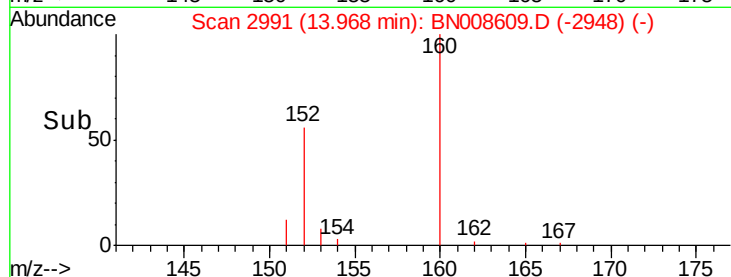
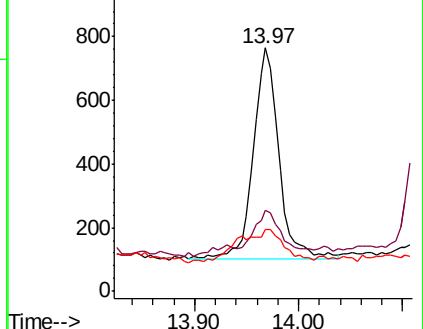
153 25.4 11.1 16.7#



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



#11

Pentachlorophenol

Concen: 0.108 ng/ul

RT: 16.65 min Scan# 3585

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

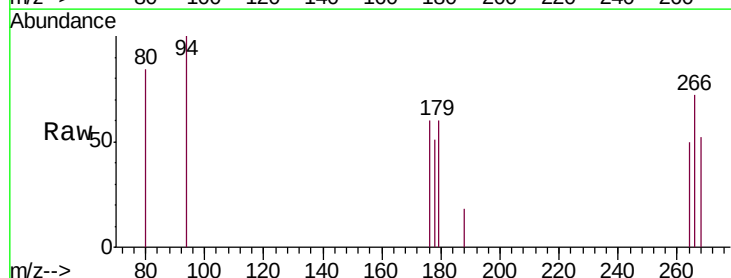
Tgt Ion:266 Resp: 700

Ion Ratio Lower Upper

266 100

264 60.1 49.2 73.8

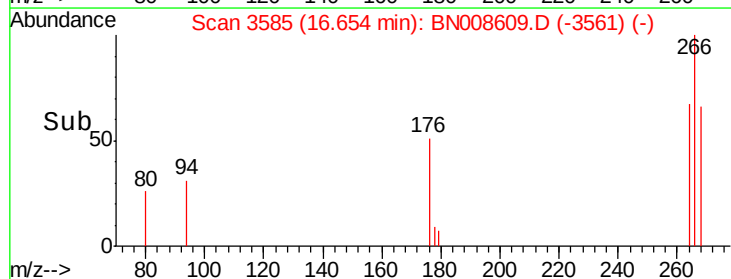
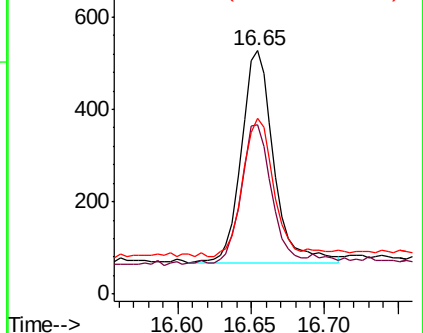
268 70.4 50.9 76.3

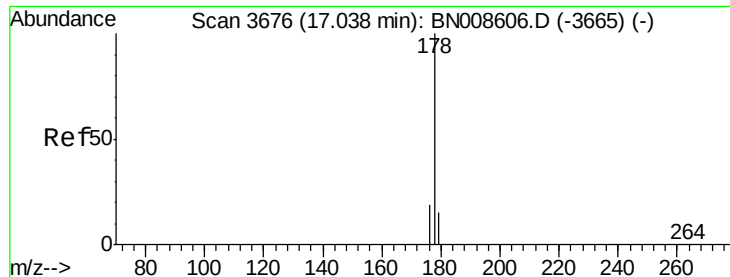


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.179 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

ClientSampleId :

JLM69DL

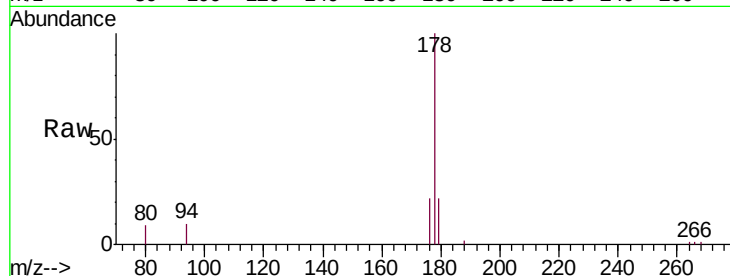
Tgt Ion:178 Resp: 10335

Ion Ratio Lower Upper

178 100

179 22.4 12.8 19.2#

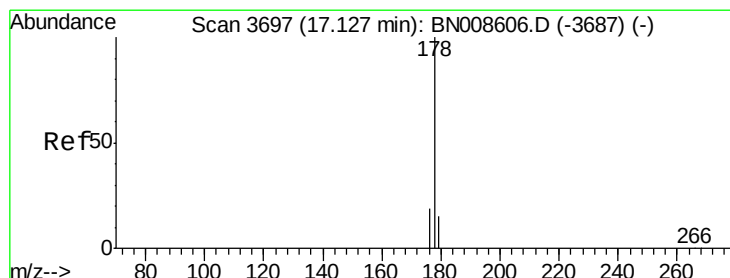
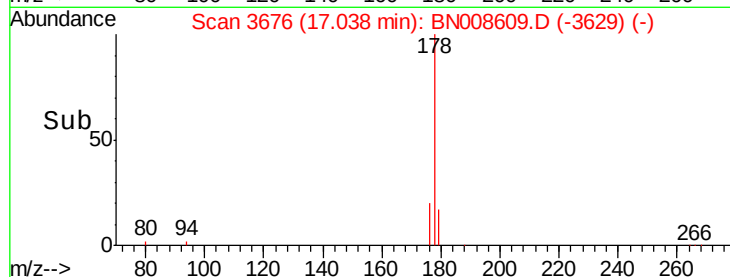
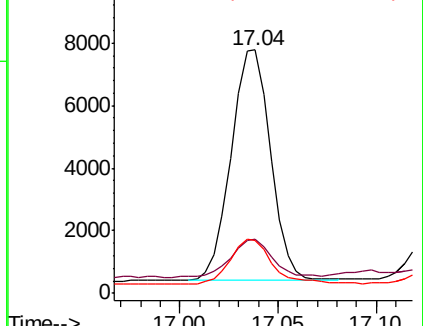
176 22.0 16.0 24.0



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: 0.033 ng/ul

RT: 17.13 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

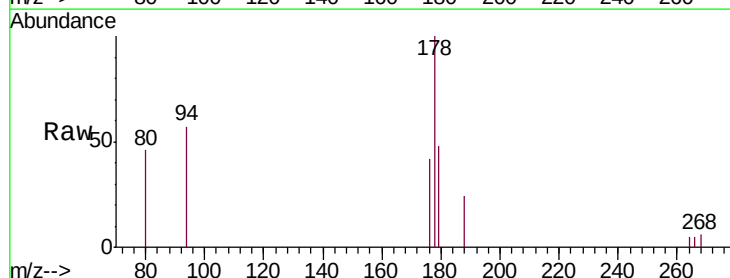
Tgt Ion:178 Resp: 1805

Ion Ratio Lower Upper

178 100

179 48.0 13.0 19.4#

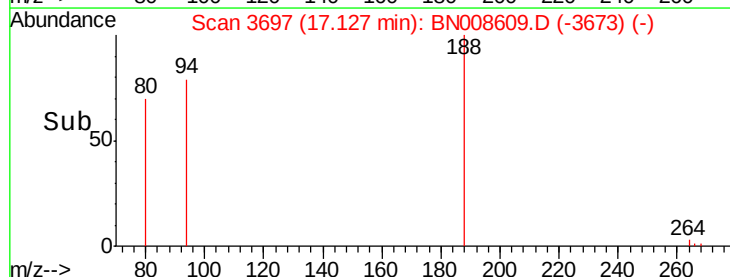
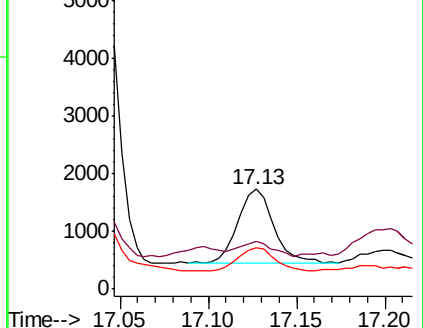
176 41.8 15.3 22.9#

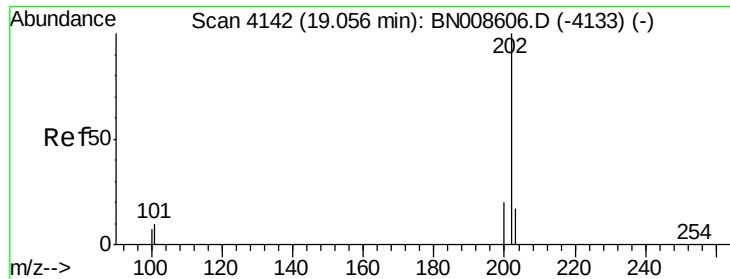


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

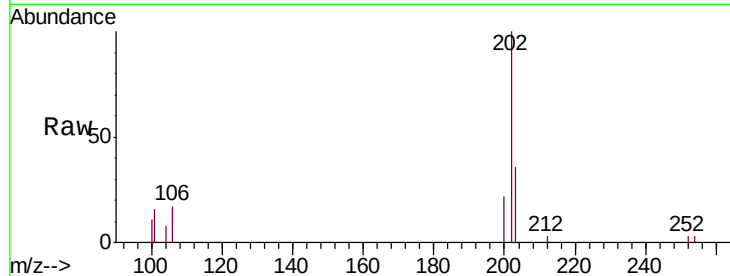




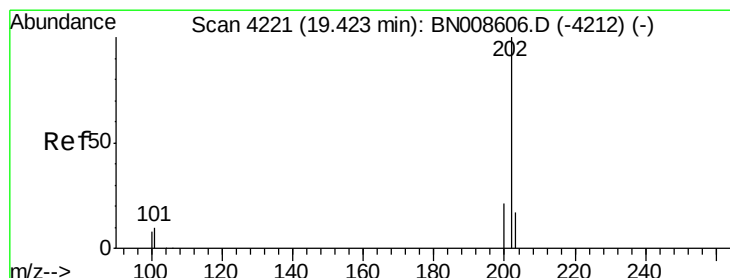
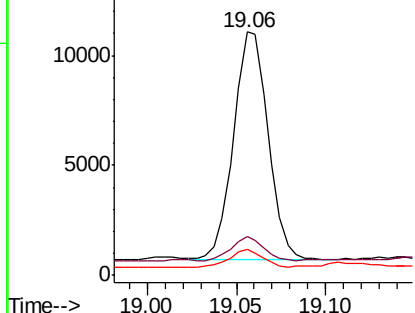
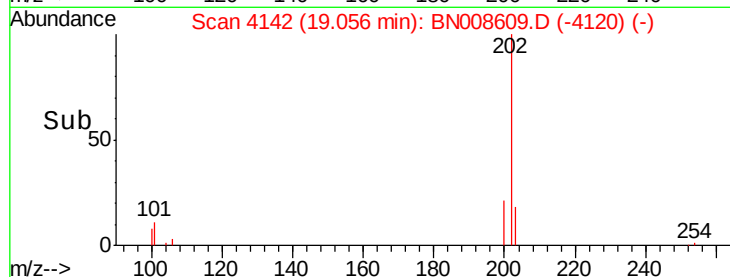
#15
Fluoranthene
 Concen: 0.198 ng/ul
 RT: 19.06 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: BN008609.D
 Acq: 18 Nov 2019 18:19

Instrument :
 BNA_N
 ClientSampleId :
 JLM69DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	29.6
100	10.5	0.0	27.0

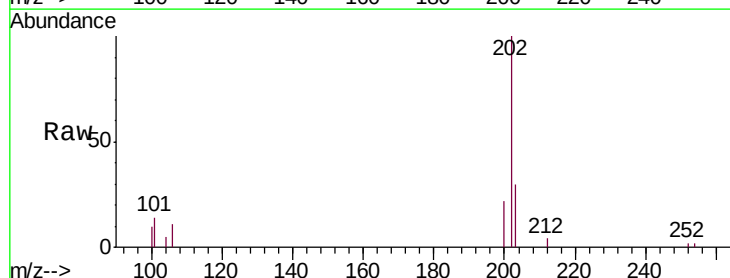


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

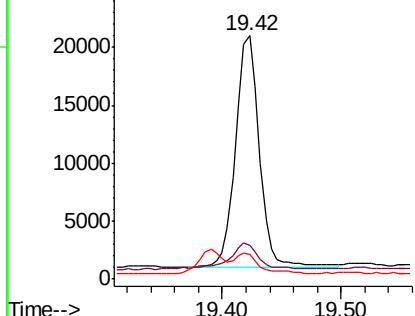
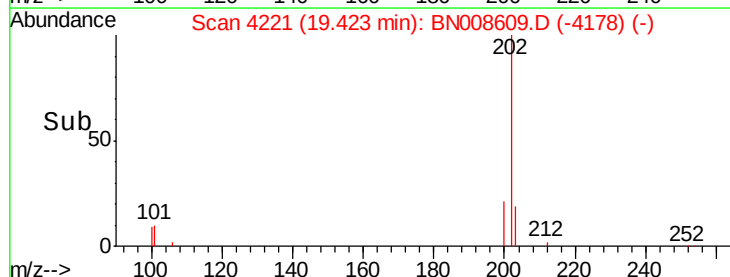


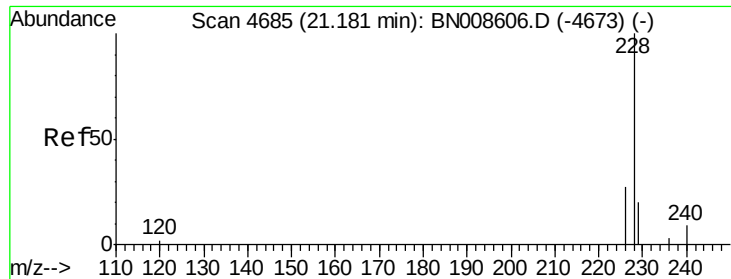
#17
Pyrene
 Concen: 0.529 ng/ul
 RT: 19.42 min Scan# 4221
 Delta R.T. -0.00 min
 Lab File: BN008609.D
 Acq: 18 Nov 2019 18:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.2	15.2
100	10.3	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: 0.160 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

ClientSampleId :

JLM69DL

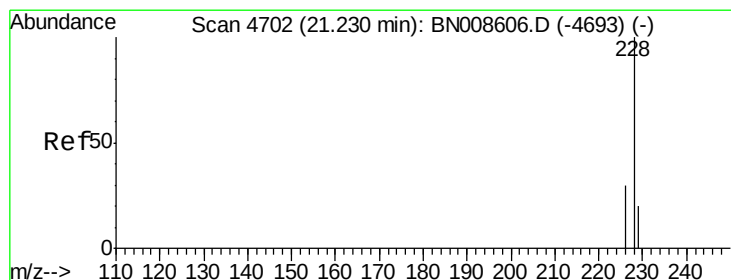
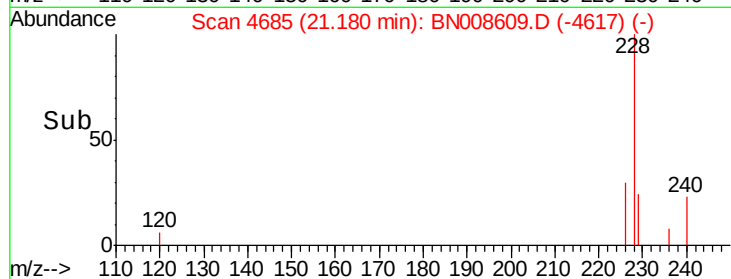
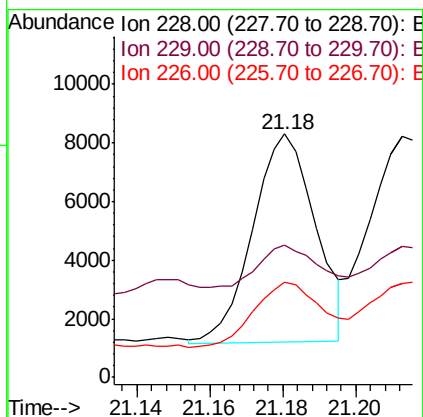
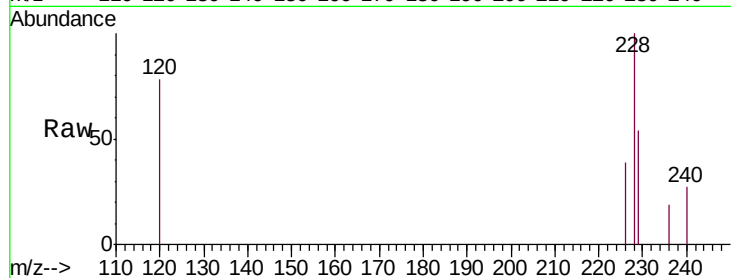
Tgt Ion:228 Resp: 8492

Ion Ratio Lower Upper

228 100

229 54.1 15.8 23.6#

226 38.8 21.6 32.4#



#19

Chrysene

Concen: 0.437 ng/ul

RT: 21.23 min Scan# 4703

Delta R.T. 0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

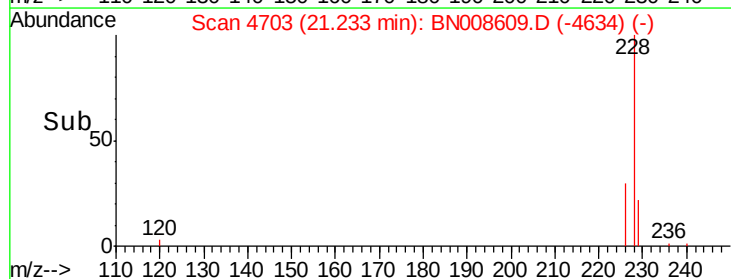
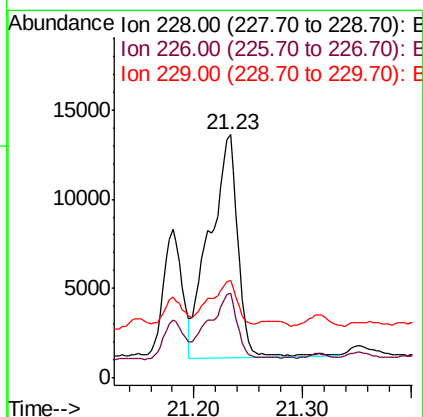
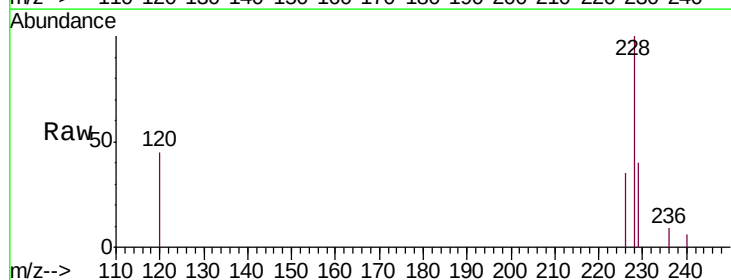
Tgt Ion:228 Resp: 22712

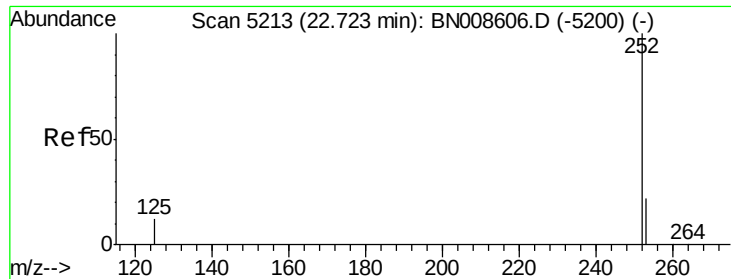
Ion Ratio Lower Upper

228 100

226 35.0 24.5 36.7

229 40.0 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 0.422 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.01 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

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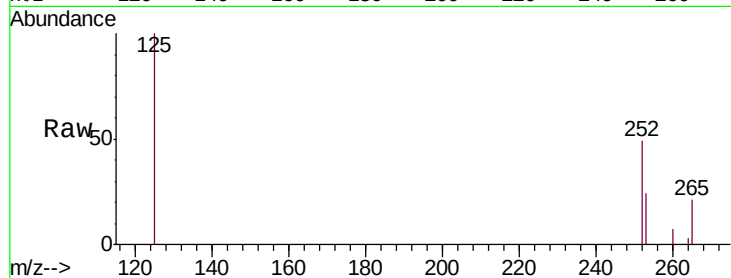
Tgt Ion:252 Resp: 25460

Ion Ratio Lower Upper

252 100

253 49.7 0.0 50.2

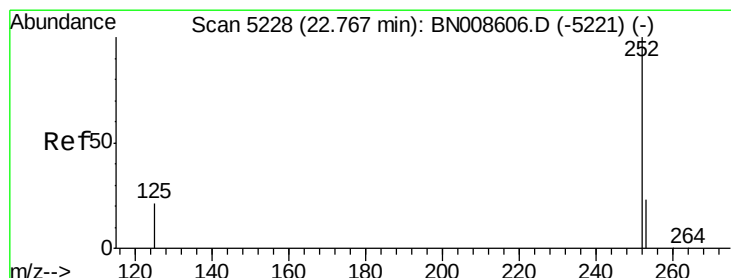
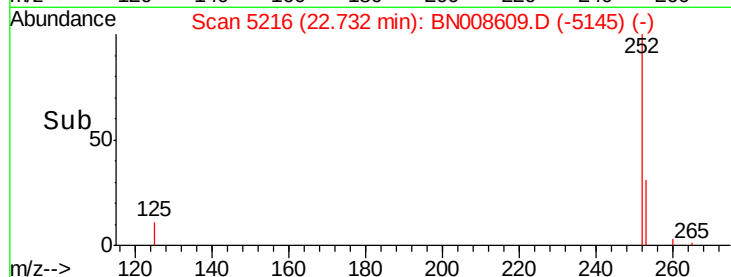
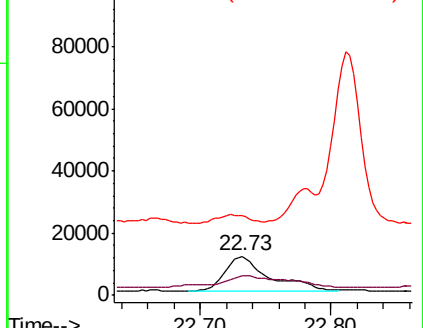
125 204.2 0.0 30.0#



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: 0.425 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.04 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

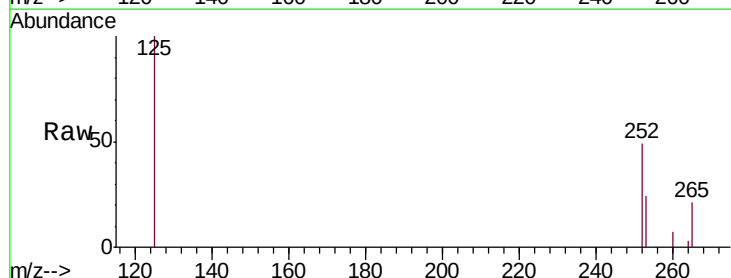
Tgt Ion:252 Resp: 25460

Ion Ratio Lower Upper

252 100

253 49.7 20.5 30.7#

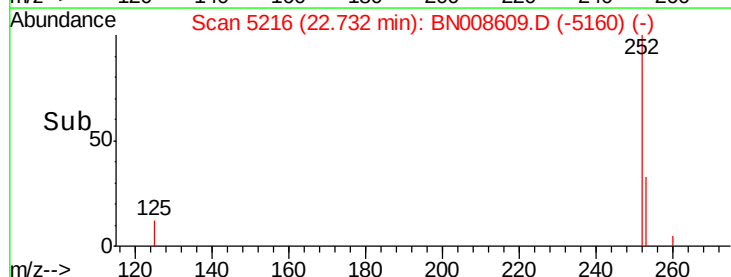
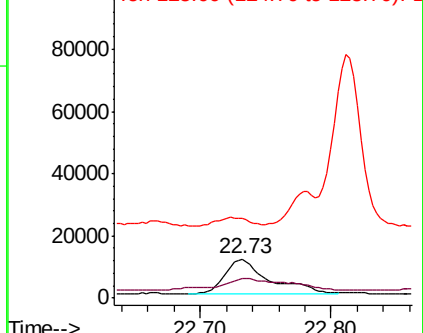
125 204.2 15.0 22.4#

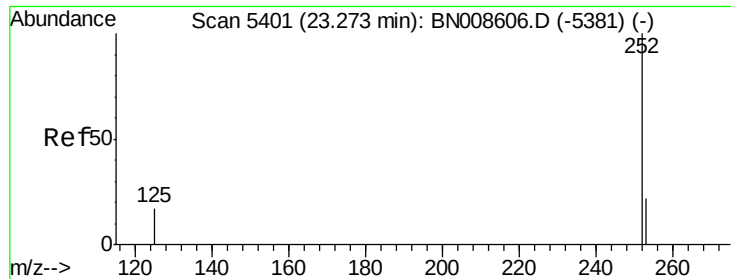


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.312 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.01 min

Lab File: BN008609.D

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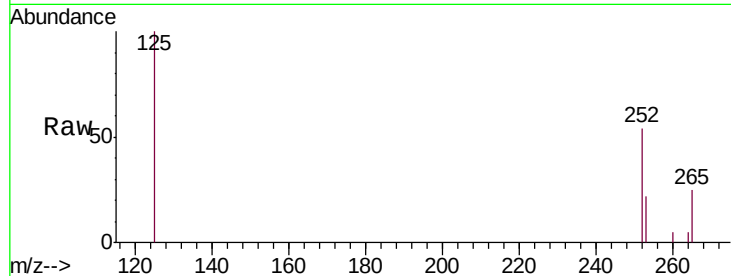
Tgt Ion: 252 Resp: 17684

Ion Ratio Lower Upper

252 100

253 40.9 21.4 32.2#

125 185.5 13.8 20.8#

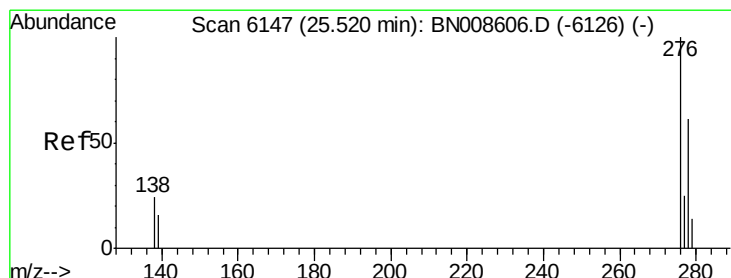
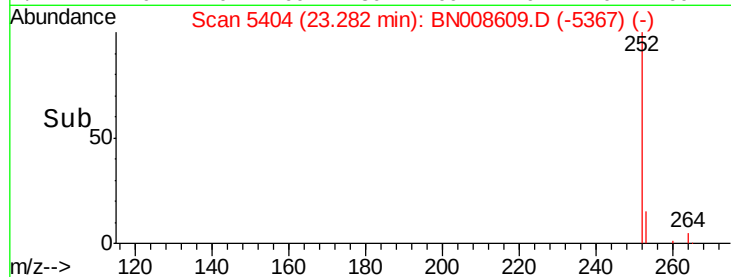
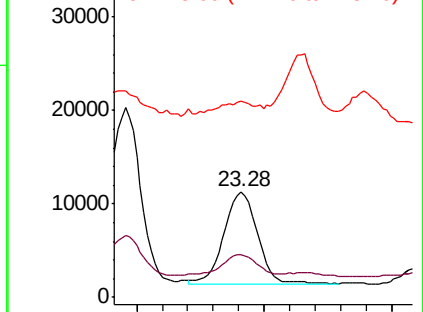


Abundance

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: 0.165 ng/ul

RT: 25.53 min Scan# 6151

Delta R.T. 0.01 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

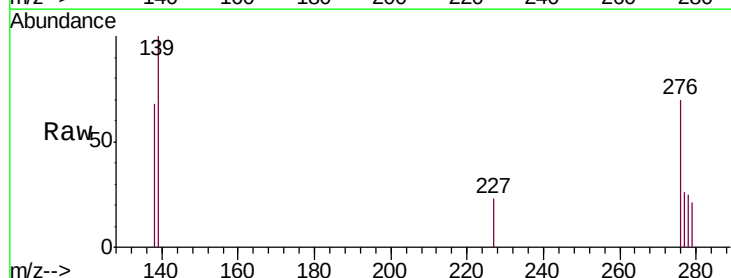
Tgt Ion: 276 Resp: 10953

Ion Ratio Lower Upper

276 100

138 46.5 21.7 32.5#

227 11.0 0.2 0.2#

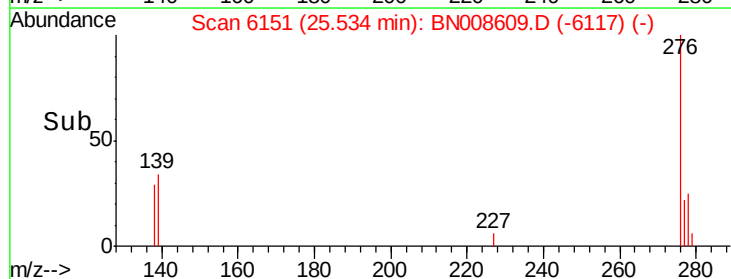
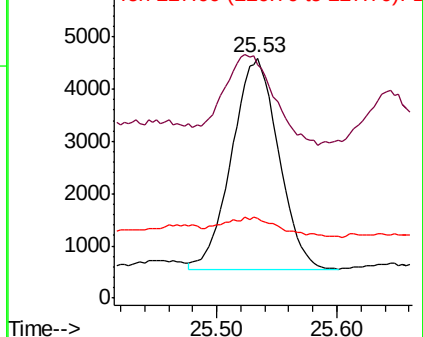


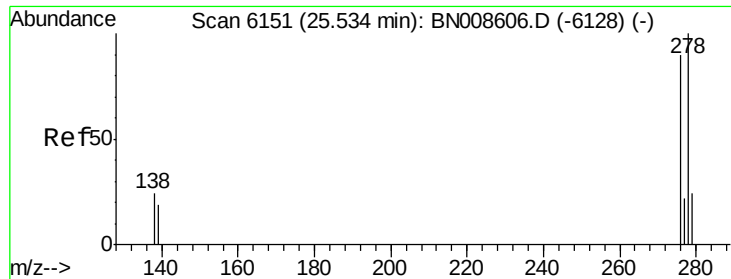
Abundance

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: 0.069 ng/ul

RT: 25.54 min Scan# 6152

Delta R.T. 0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

ClientSampleId :

JLM69DL

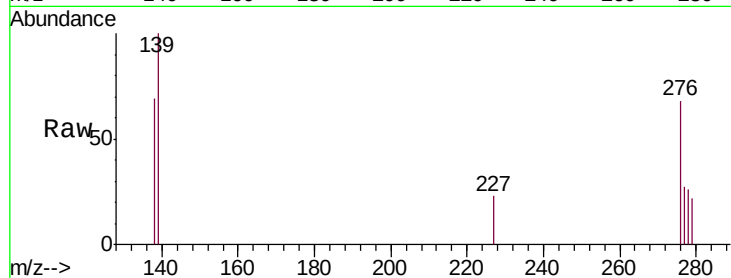
Tgt Ion:278 Resp: 3711

Ion Ratio Lower Upper

278 100

139 390.2 18.7 28.1#

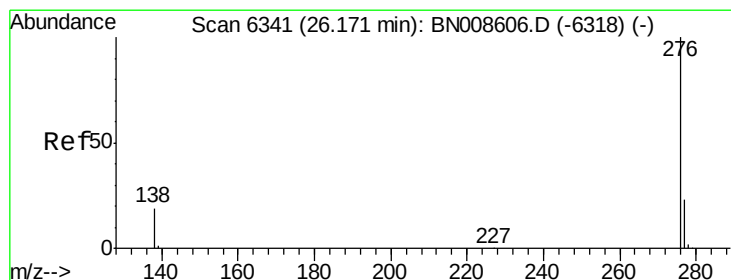
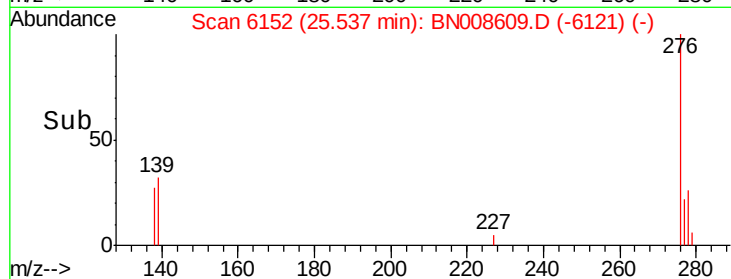
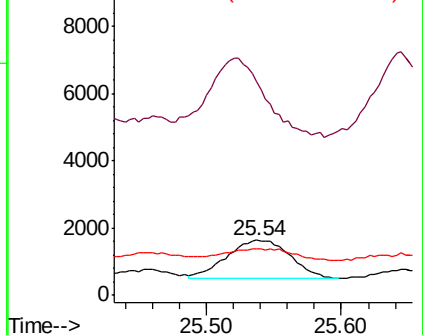
279 84.6 20.8 31.2#



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: 0.548 ng/ul

RT: 26.18 min Scan# 6345

Delta R.T. 0.01 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

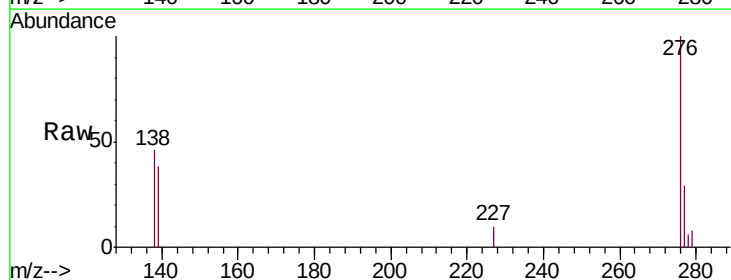
Tgt Ion:276 Resp: 30398

Ion Ratio Lower Upper

276 100

138 45.9 20.0 30.0#

277 28.6 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

