

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008865.D
 Acq On : 06 Dec 2019 18:26
 Operator : JU
 Sample : K6007-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 06 22:57:47 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 Dec 06 12:03:45 2019
 Response via : Initial Calibration

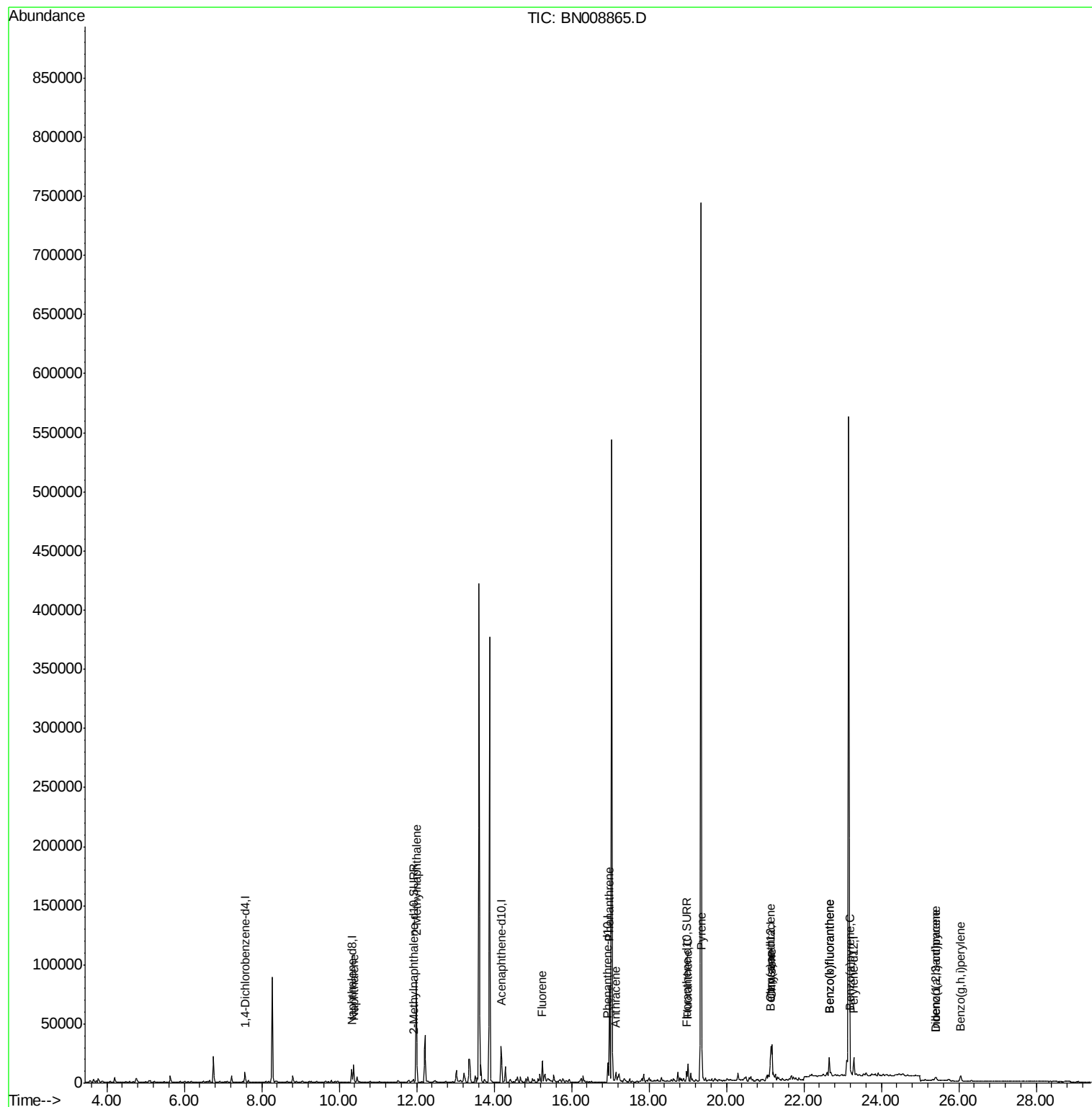
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	12330	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8907	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	18054	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	16417	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	18699	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2978	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	8926	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	18921	0.509	ng/ul	100
5) 2-Methylnaphthalene	11.99	142	61830	2.382	ng/ul	100
9) Fluorene	15.25	166	9965	0.232	ng/ul#	93
12) Phenanthrene	16.98	178	85396	1.403	ng/ul	99
13) Anthracene	17.14	178	2698	0.047	ng/ul#	1
15) Fluoranthene	19.00	202	13935	0.186	ng/ul	93
17) Pyrene	19.37	202	19981	0.303	ng/ul	100
18) Benzo(a)anthracene	21.12	228	3159	0.048	ng/ul#	3
19) Chrysene	21.17	228	24781	0.382	ng/ul#	87
21) Benzo(b)fluoranthene	22.65	252	21264	0.276	ng/ul	92
22) Benzo(k)fluoranthene	22.65	252	21264	0.278	ng/ul	93
23) Benzo(a)pyrene	23.20	252	3044	0.042	ng/ul#	39
24) Indeno(1,2,3-cd)pyrene	25.40	276	3151	0.037	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.41	278	2783	0.041	ng/ul#	12
26) Benzo(g,h,i)perylene	26.05	276	8116	0.115	ng/ul	92

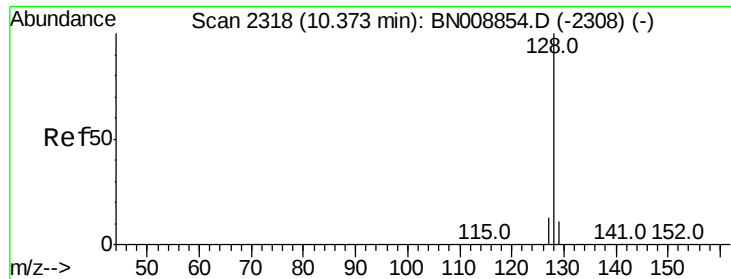
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.509 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

ClientSampleId :

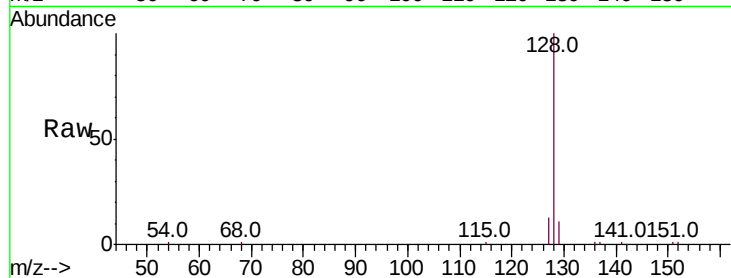
Tot Ion:128 Resp: 18921

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

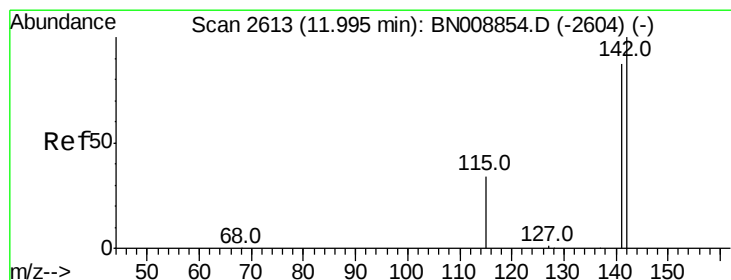
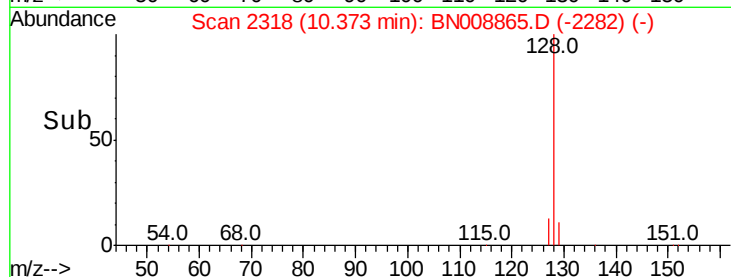
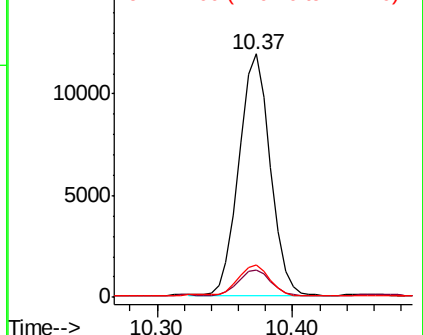
127 13.1 10.7 16.1



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: 2.382 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008865.D

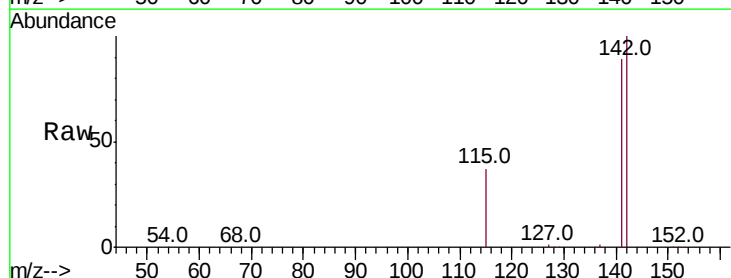
Acq: 06 Dec 2019 18:26

Tgt Ion:142 Resp: 61830

Ion Ratio Lower Upper

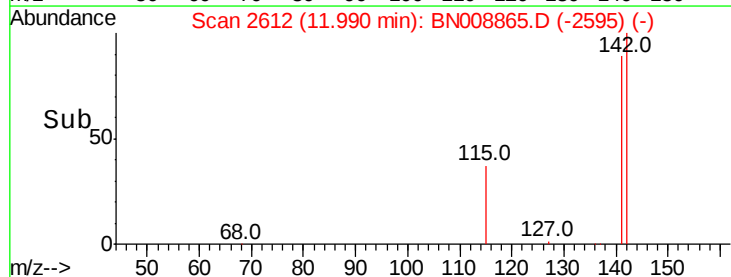
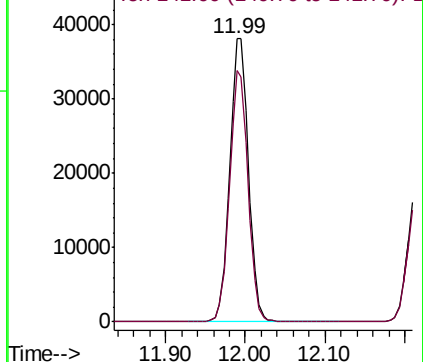
142 100

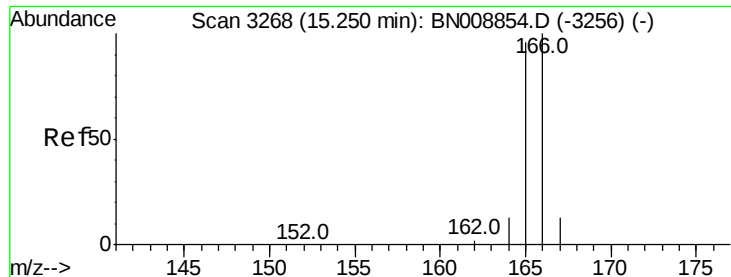
141 87.8 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.232 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

ClientSampleId :

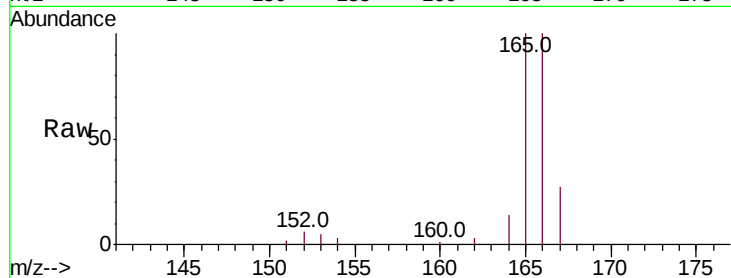
Tot Ion:166 Resp: 9965

Ion Ratio Lower Upper

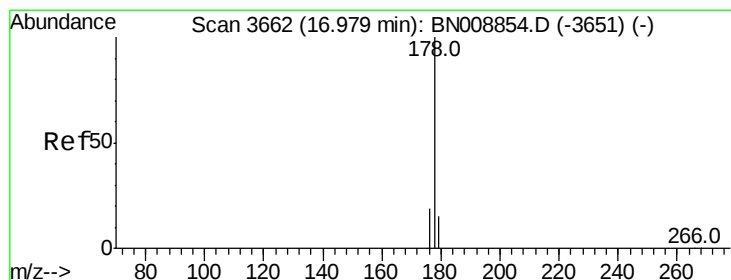
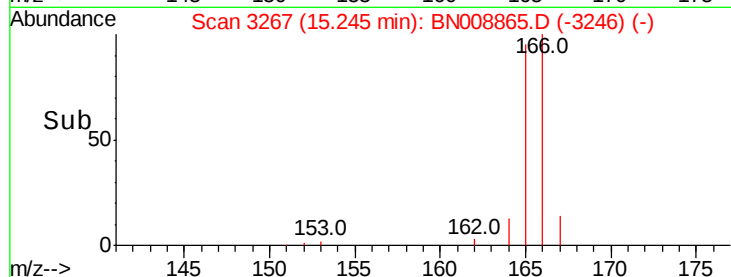
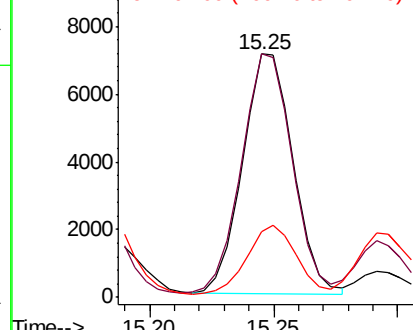
166 100

165 100.2 77.7 116.5

167 27.0 11.1 16.7#



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: 1.403 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

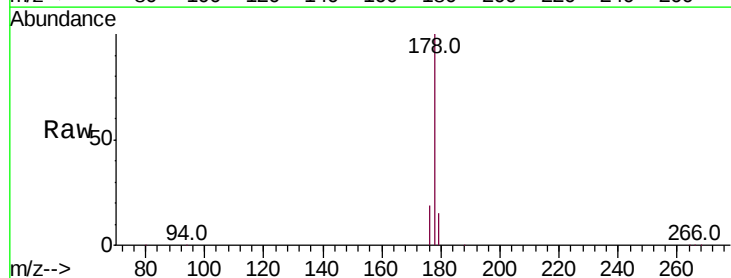
Tgt Ion:178 Resp: 85396

Ion Ratio Lower Upper

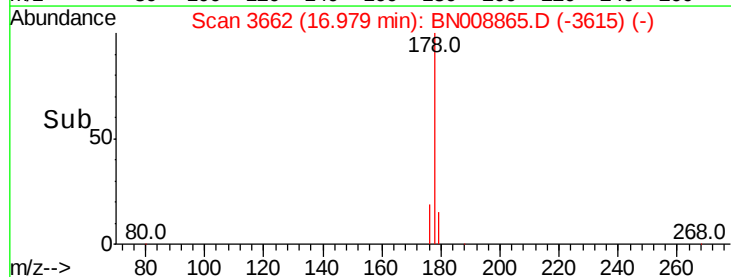
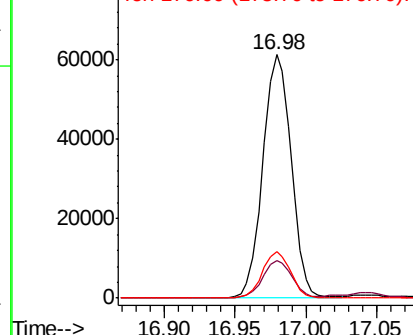
178 100

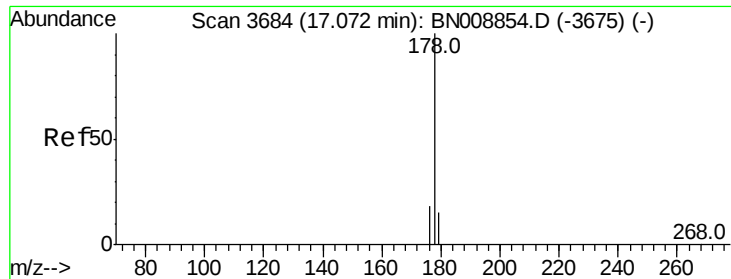
179 15.4 12.6 18.8

176 18.9 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

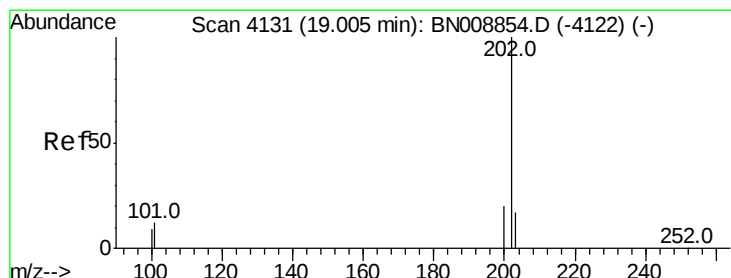
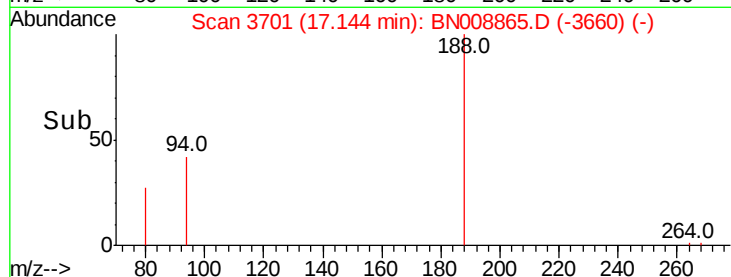
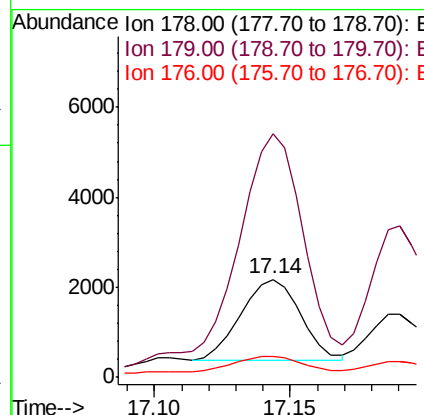
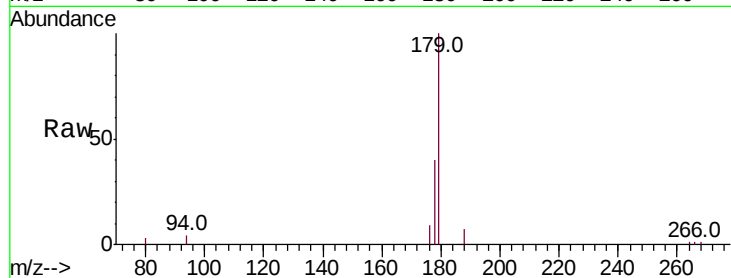




#13
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.14 min Scan# 3701
 Delta R.T. 0.07 min
 Lab File: BN008865.D
 Acq: 06 Dec 2019 18:26

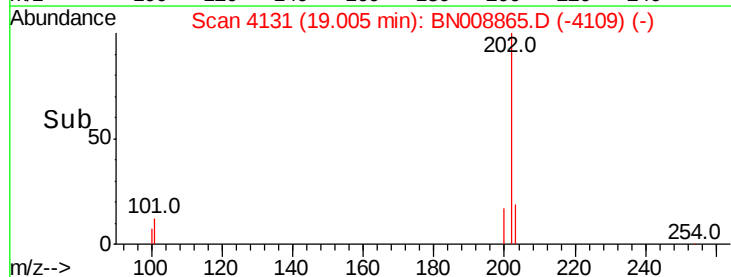
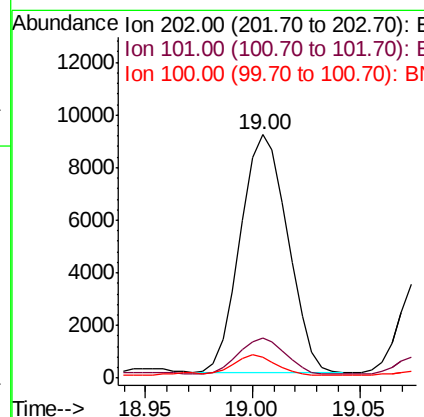
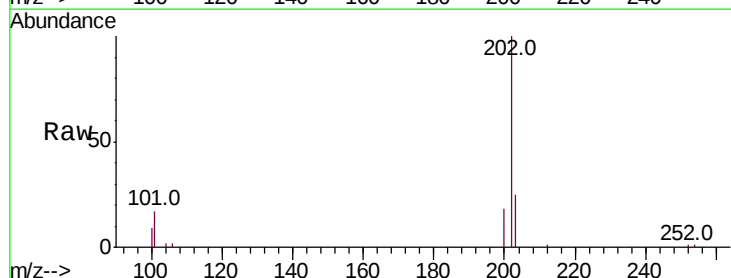
Instrument :
 BNA_N
 ClientSampleId :

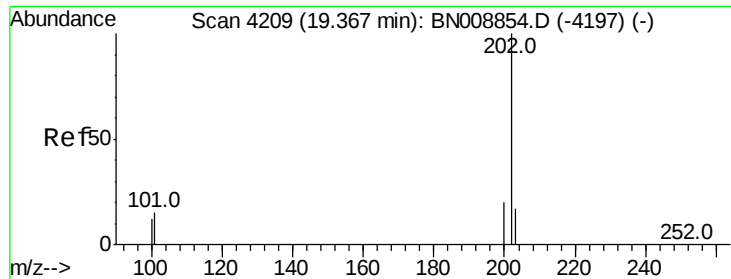
Tot Ion:178 Resp: 2698
 Ion Ratio Lower Upper
 178 100
 179 247.7 12.2 18.4#
 176 21.6 14.7 22.1



#15
 Fluoranthene
 Concen: 0.186 ng/ul
 RT: 19.00 min Scan# 4131
 Delta R.T. -0.00 min
 Lab File: BN008865.D
 Acq: 06 Dec 2019 18:26

Tgt Ion:202 Resp: 13935
 Ion Ratio Lower Upper
 202 100
 101 16.6 0.0 32.4
 100 8.7 0.0 29.2





#17

Pvrene

Concen: 0.303 ng/ul

RT: 19.37 min Scan# 4209

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

ClientSampleId :

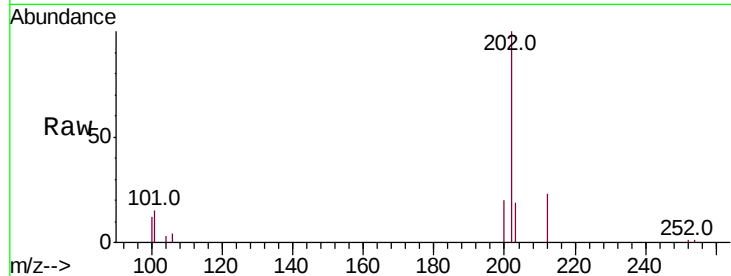
Tot Ion:202 Resp: 19981

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.4

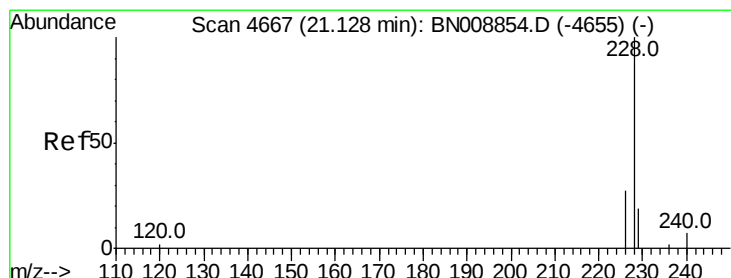
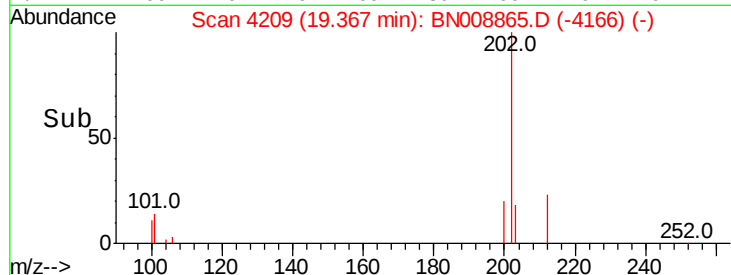
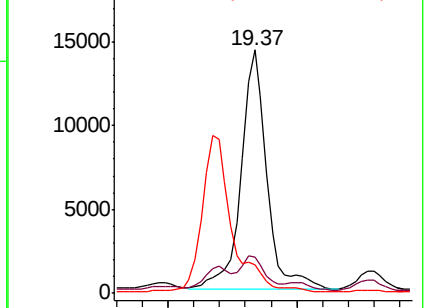
100 12.0 9.5 14.3



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: 0.048 ng/ul

RT: 21.12 min Scan# 4666

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

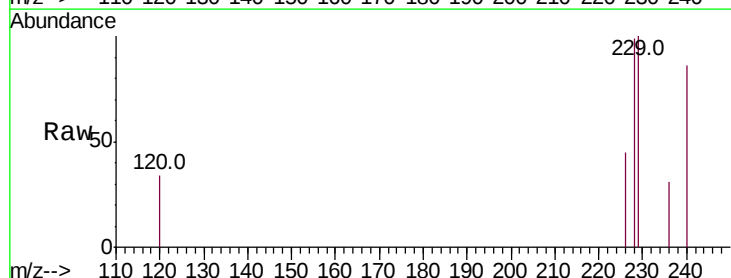
Tgt Ion:228 Resp: 3159

Ion Ratio Lower Upper

228 100

229 101.4 15.7 23.5#

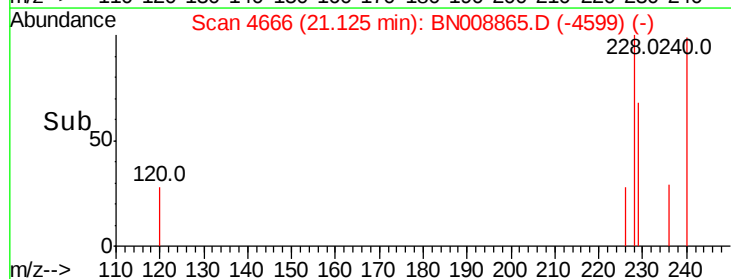
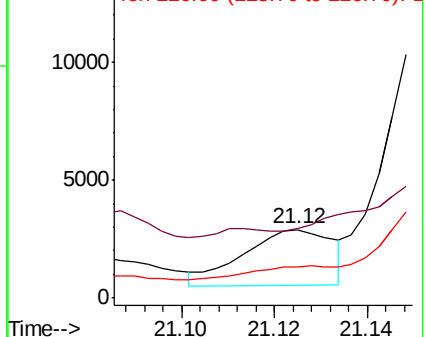
226 46.1 21.5 32.3#

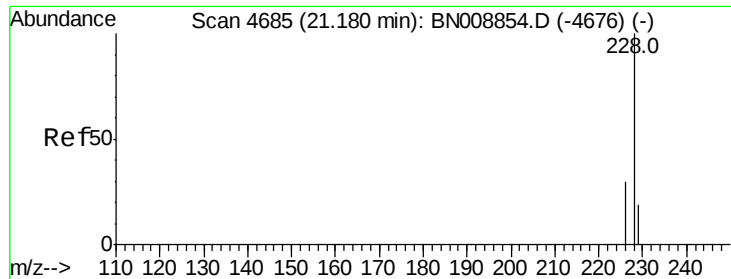


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.382 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

ClientSampleId :

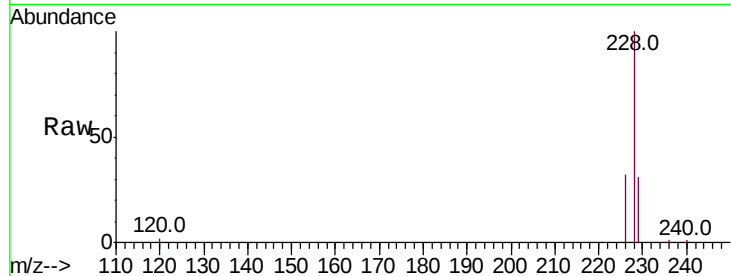
Tot Ion:228 Resp: 24781

Ion Ratio Lower Upper

228 100

226 31.7 23.8 35.6

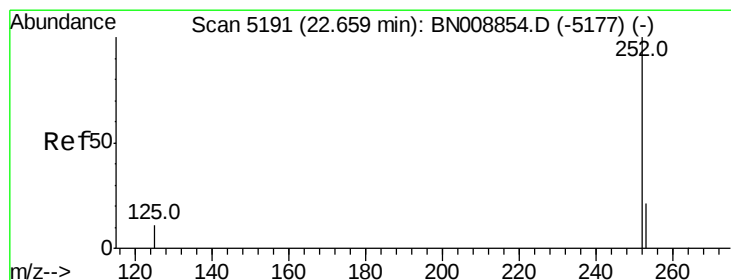
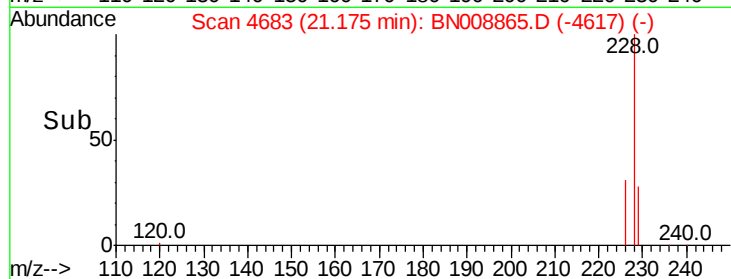
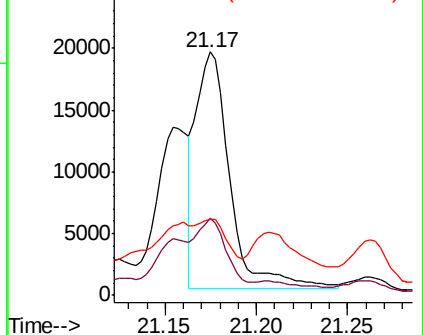
229 31.4 15.6 23.4#



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: 0.276 ng/ul

RT: 22.65 min Scan# 5189

Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

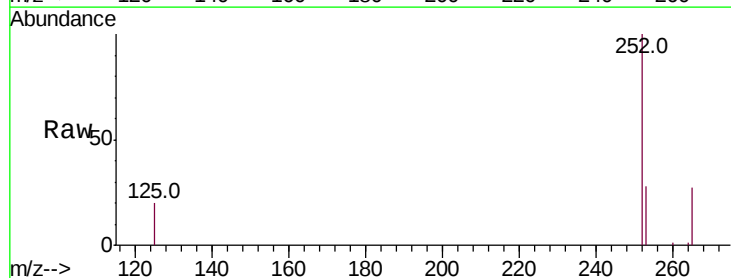
Tgt Ion:252 Resp: 21264

Ion Ratio Lower Upper

252 100

253 28.2 0.0 48.6

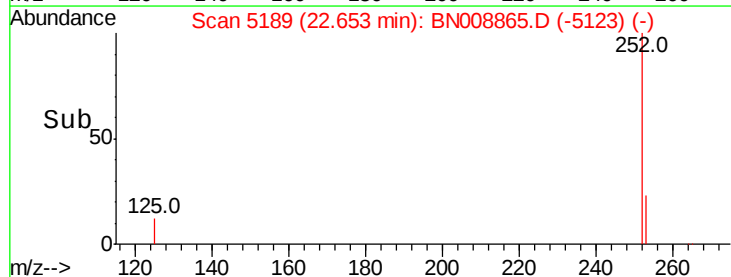
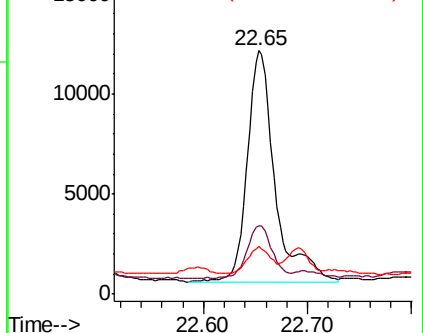
125 19.6 0.0 31.6

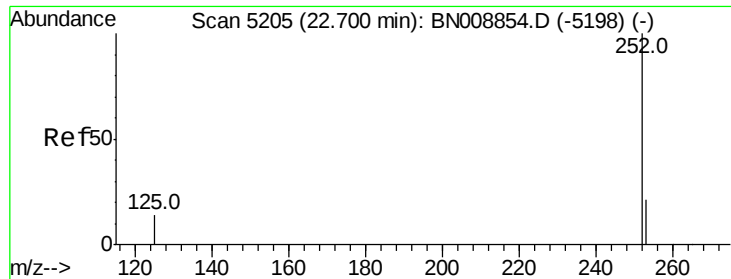


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.278 ng/ul

RT: 22.65 min Scan# 5189

Delta R.T. -0.05 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

ClientSampleId :

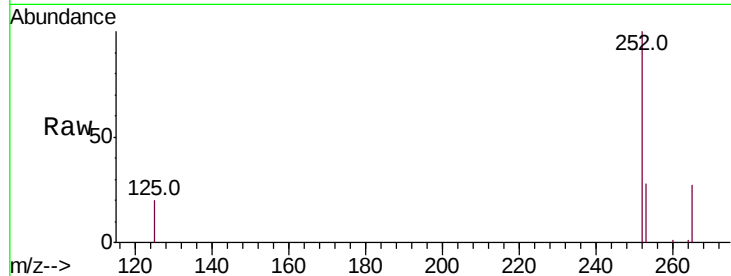
Tot Ion:252 Resp: 21264

Ion Ratio Lower Upper

252 100

253 28.2 19.6 29.4

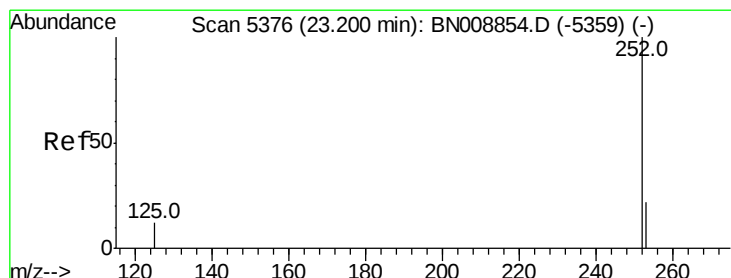
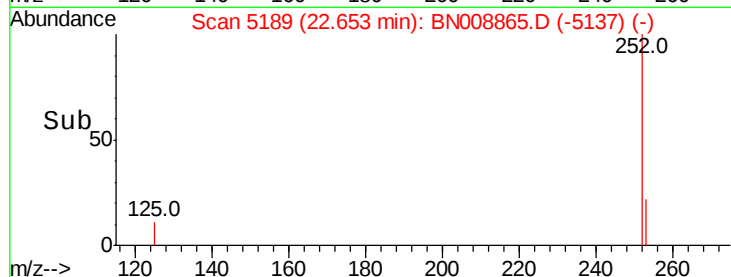
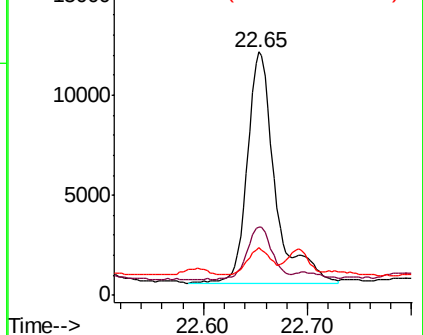
125 19.6 13.8 20.6



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: 0.042 ng/ul

RT: 23.20 min Scan# 5375

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

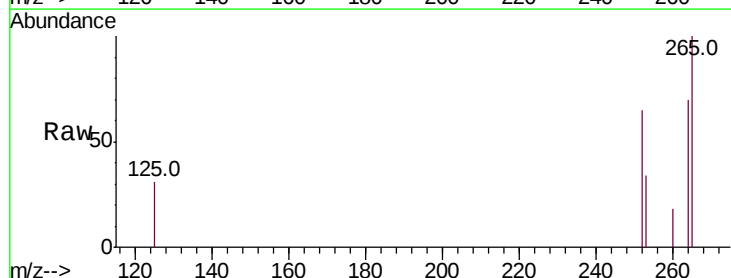
Tgt Ion:252 Resp: 3044

Ion Ratio Lower Upper

252 100

253 52.8 19.9 29.9#

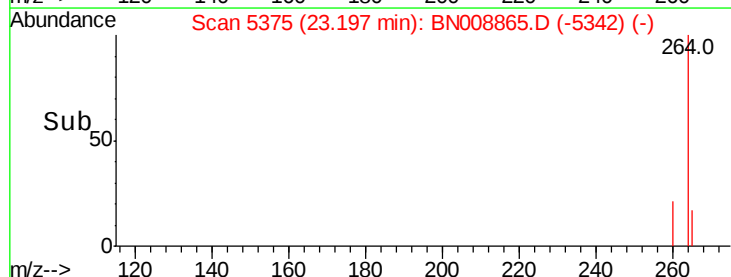
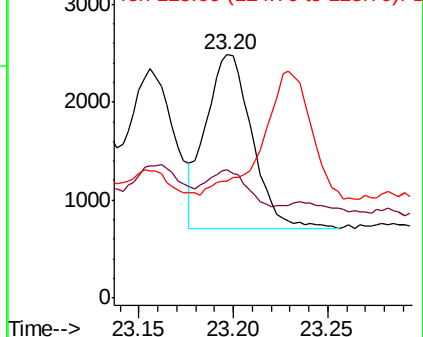
125 48.1 14.6 22.0#

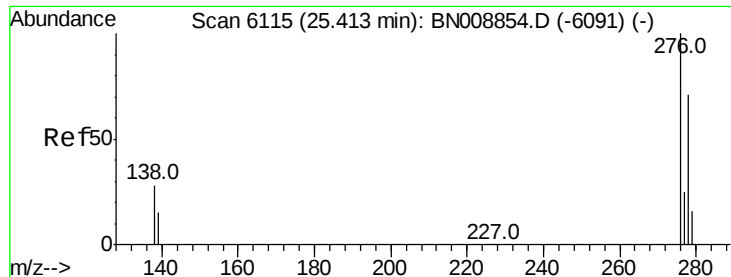


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



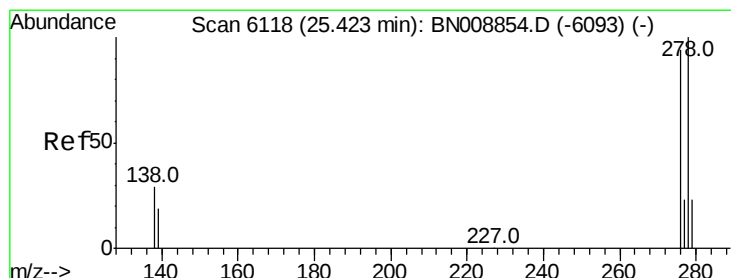
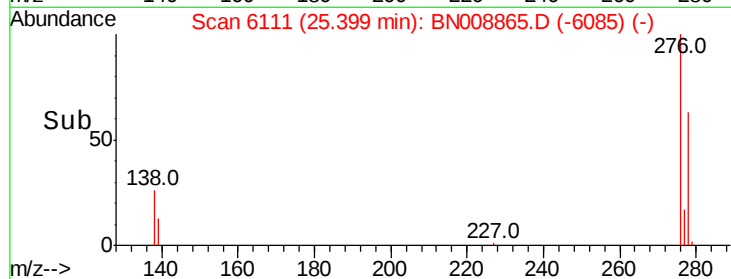
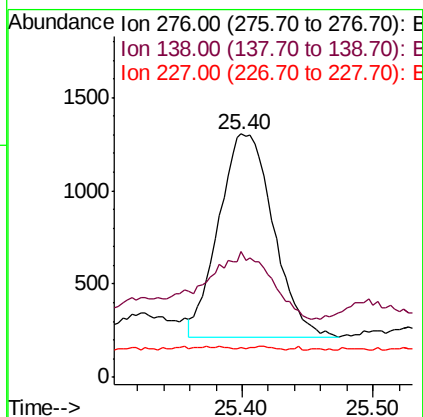
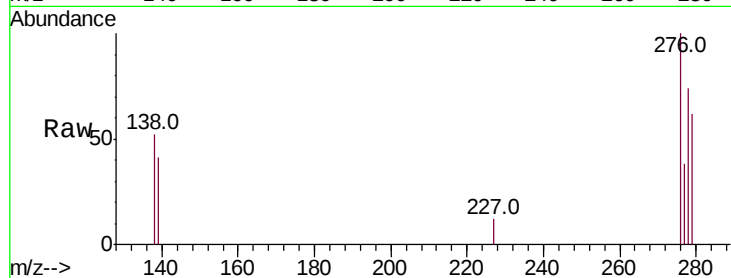


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.40 min Scan# 6111
Delta R.T. -0.01 min
Lab File: BN008865.D
Acq: 06 Dec 2019 18:26

Instrument :
BNA_N
ClientSampleId :

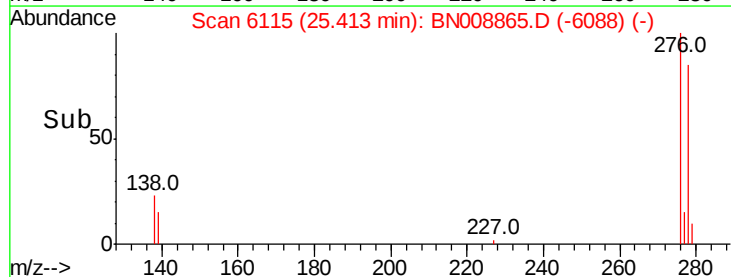
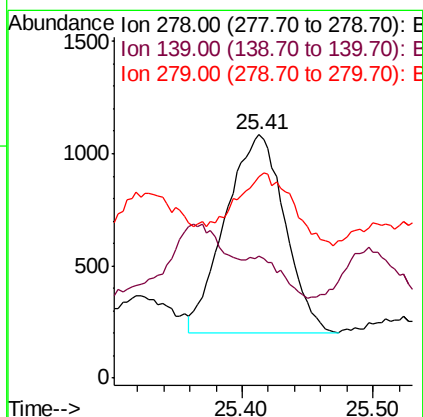
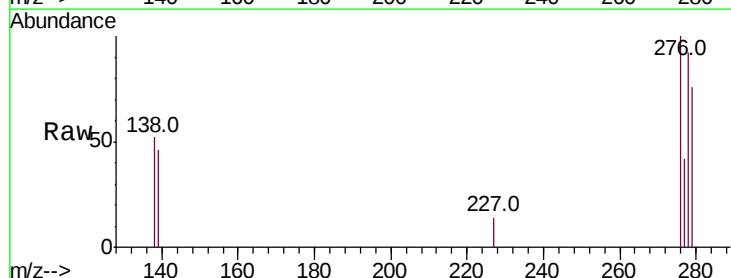
Tot Ion:276 Resp: 3151
Ion Ratio Lower Upper
276 100
138 35.5 23.8 35.6
227 0.7 0.2 0.2#

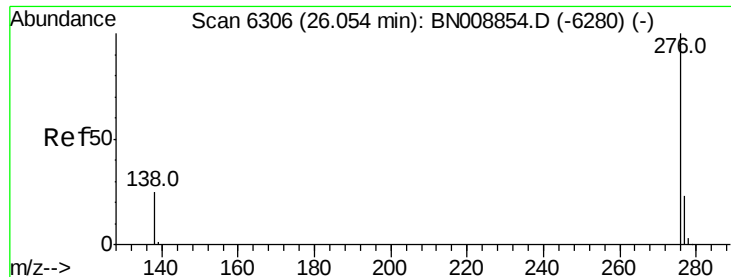


#25

Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.41 min Scan# 6115
Delta R.T. -0.01 min
Lab File: BN008865.D
Acq: 06 Dec 2019 18:26

Tgt Ion:278 Resp: 2783
Ion Ratio Lower Upper
278 100
139 50.0 17.4 26.0#
279 82.5 20.5 30.7#





#26

Benzo(a,h,i)perylene

Concen: 0.115 ng/ul

RT: 26.05 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

ClientSampleId :

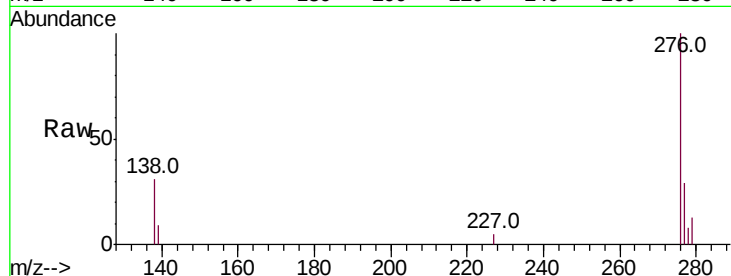
Tot Ion:276 Resp: 8116

Ion Ratio Lower Upper

276 100

138 30.8 21.9 32.9

277 29.5 19.9 29.9



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

