

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008270.D
 Acq On : 19 Oct 2019 15:15
 Operator : JU
 Sample : K5177-07DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP96DL

Quant Time: Oct 19 20:52:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 23:47:17 2019
 Response via : Initial Calibration

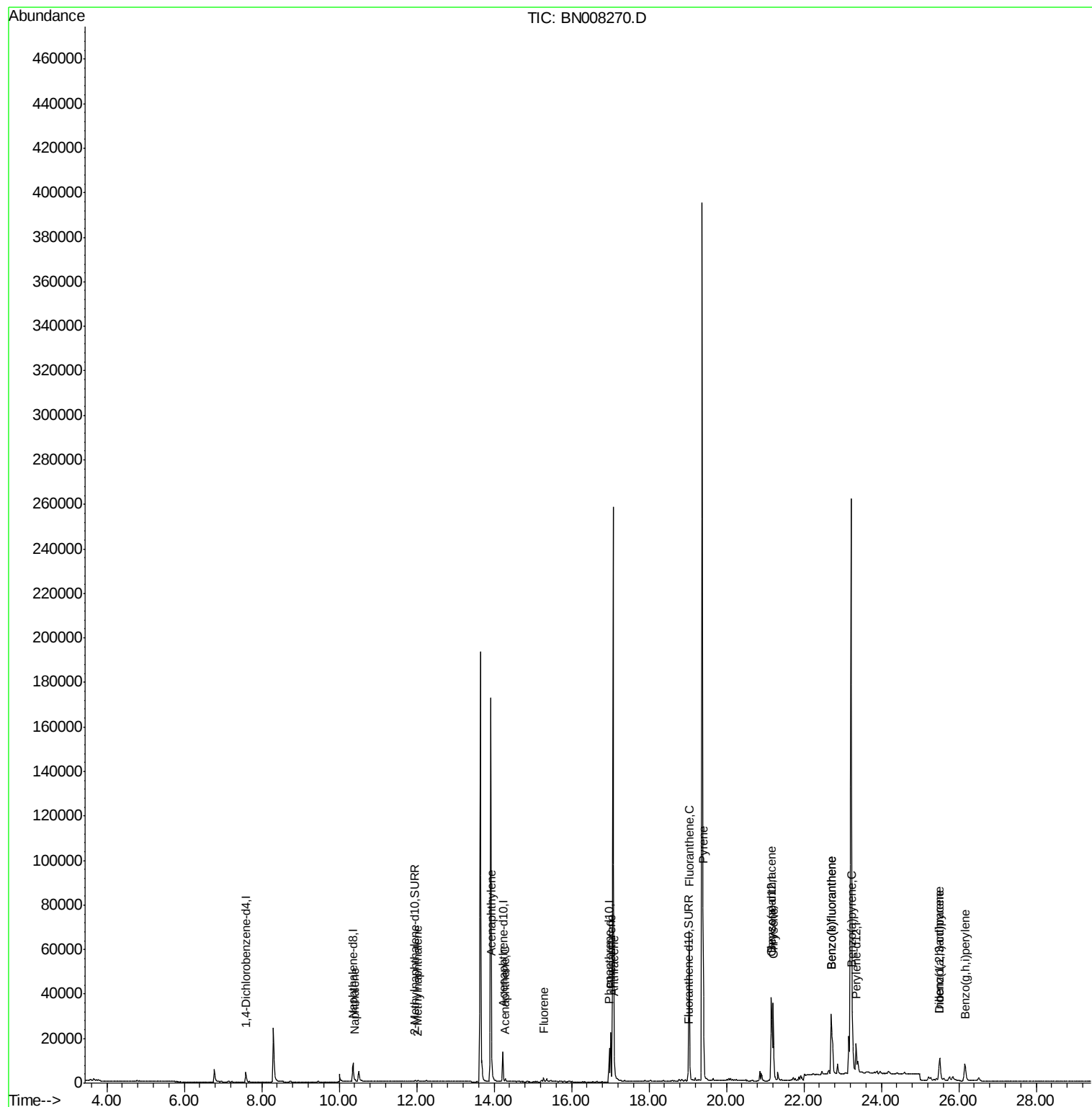
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	12094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	7916	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17623	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	16884	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	15254	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1317	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	4282	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	1367	0.040	ng/ul#	86
5) 2-Methylnaphthalene	12.03	142	604	0.026	ng/ul	99
7) Acenaphthylene	13.94	152	2114	0.056	ng/ul#	94
8) Acenaphthene	14.29	153	862	0.029	ng/ul	95
9) Fluorene	15.28	166	1205	0.036	ng/ul#	95
12) Phenanthrene	17.02	178	24145	0.468	ng/ul	99
13) Anthracene	17.11	178	4490	0.099	ng/ul	97
15) Fluoranthene	19.04	202	60741	0.891	ng/ul	99
17) Pyrene	19.40	202	59721	0.888	ng/ul	100
18) Benzo(a)anthracene	21.16	228	30443	0.496	ng/ul	97
19) Chrysene	21.21	228	37109	0.493	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	59422	1.197	ng/ul	95
22) Benzo(k)fluoranthene	22.71	252	59422	1.056	ng/ul	96
23) Benzo(a)pyrene	23.26	252	28229	0.540	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.51	276	17516	0.285	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.51	278	3875	0.080	ng/ul#	82
26) Benzo(a,h,i)perylene	26.16	276	16335	0.289	ng/ul	98

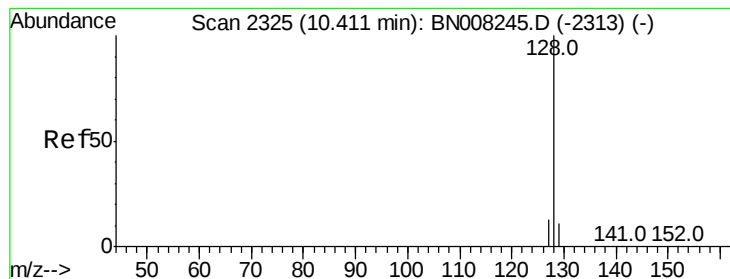
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

ClientSampleId :

BEP96DL

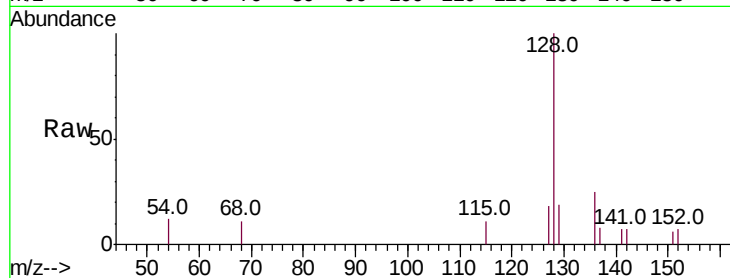
Tot Ion:128 Resp: 1367

Ion Ratio Lower Upper

128 100

129 18.9 9.8 14.8#

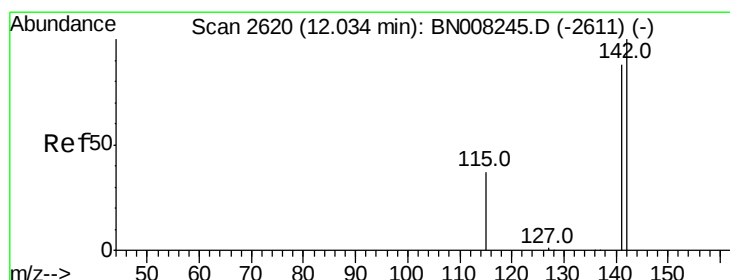
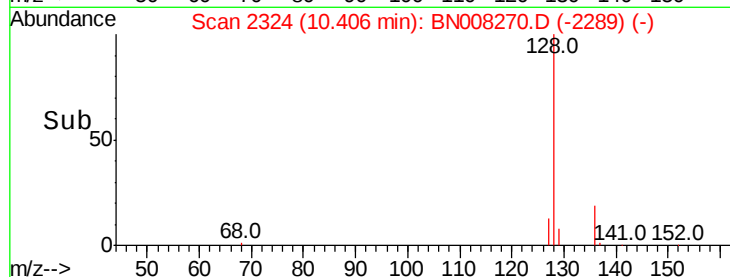
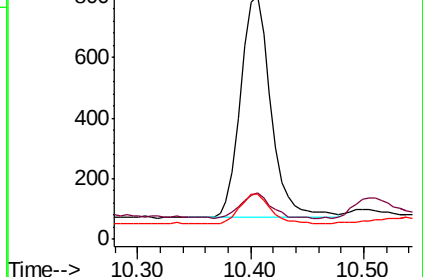
127 18.4 11.1 16.7#



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: 0.026 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BN008270.D

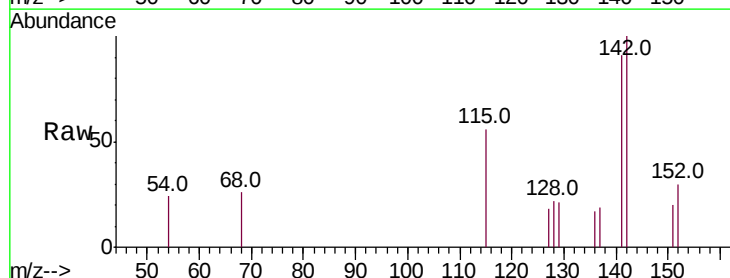
Acq: 19 Oct 2019 15:15

Tgt Ion:142 Resp: 604

Ion Ratio Lower Upper

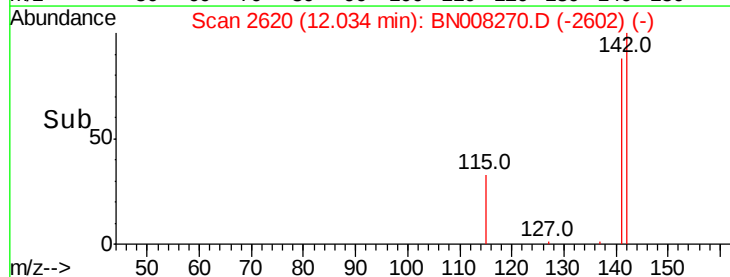
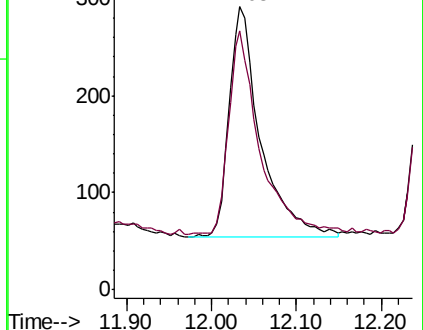
142 100

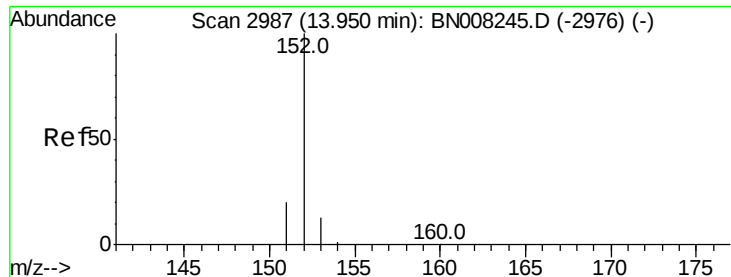
141 88.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

ClientSampleId :

BEP96DL

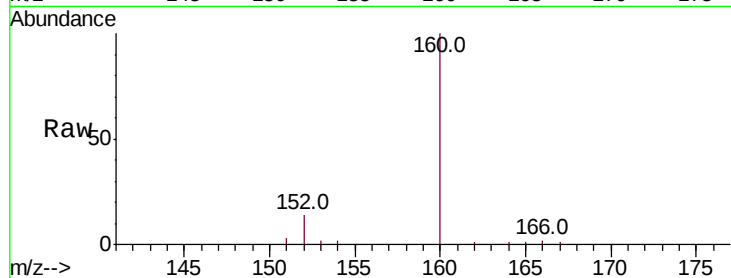
Tot Ion:152 Resp: 2114

Ion Ratio Lower Upper

152 100

151 22.1 16.2 24.4

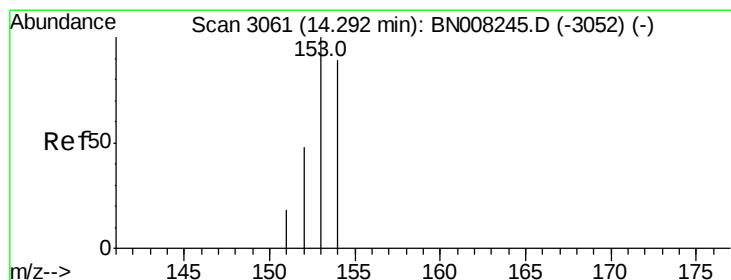
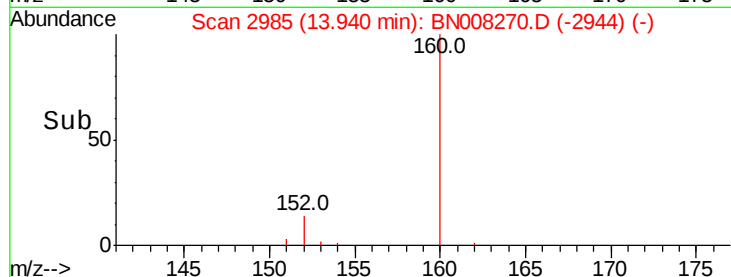
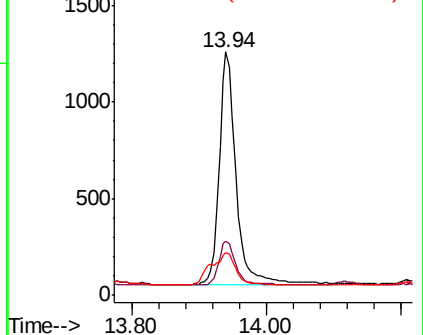
153 17.6 11.0 16.4#



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: 0.029 ng/ul

RT: 14.29 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

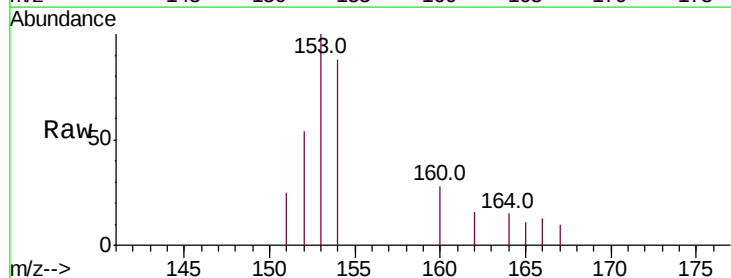
Tgt Ion:153 Resp: 862

Ion Ratio Lower Upper

153 100

152 53.8 38.2 57.2

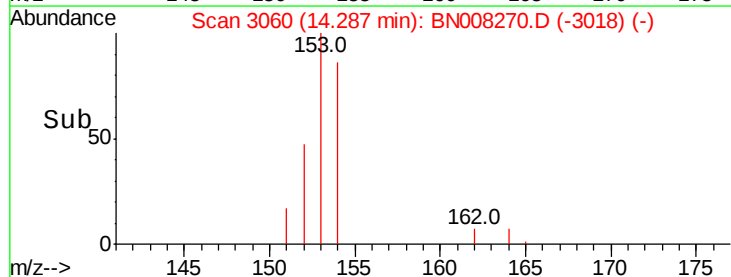
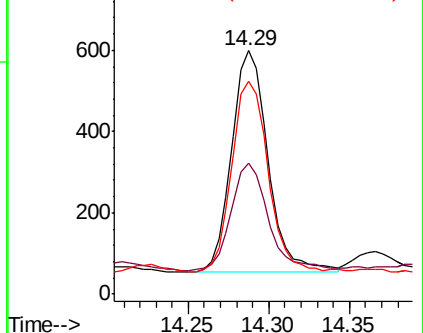
154 87.6 71.8 107.8

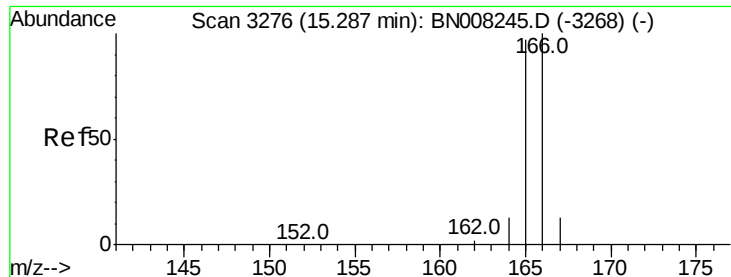


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

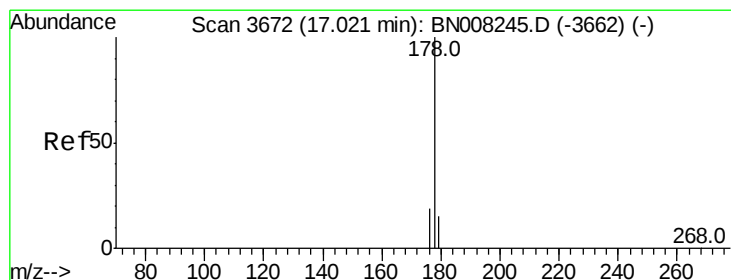
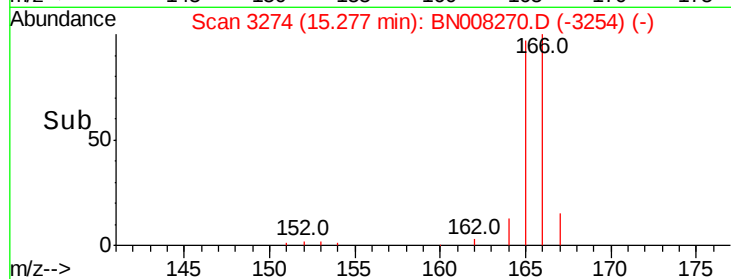
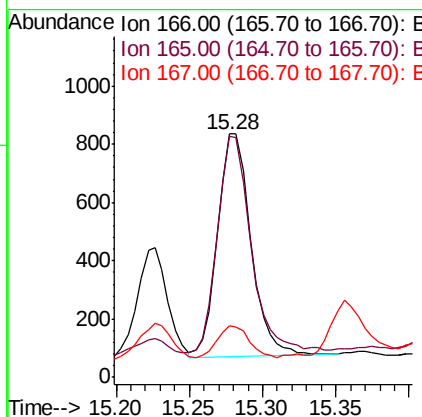
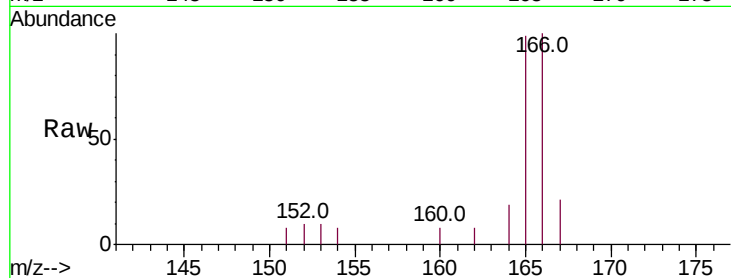




#9
Fluorene
 Concen: 0.036 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BN008270.D
 Acq: 19 Oct 2019 15:15

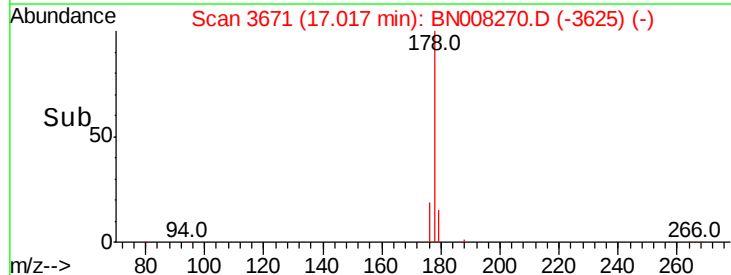
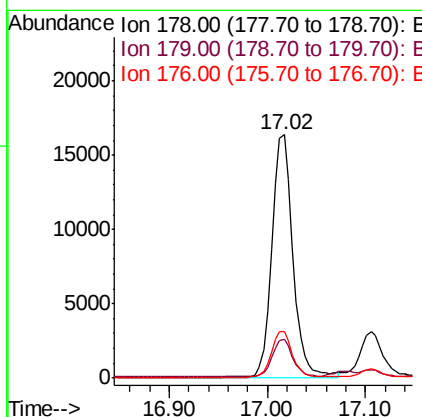
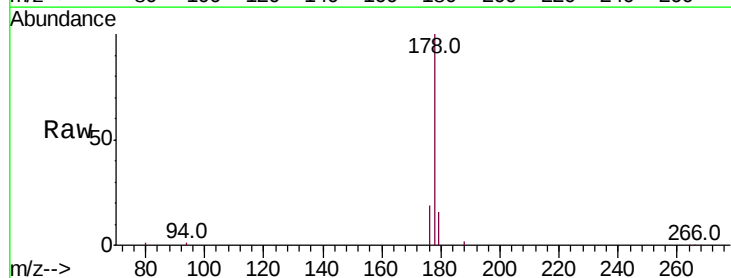
Instrument :
 BNA_N
 ClientSampleId :
 BEP96DL

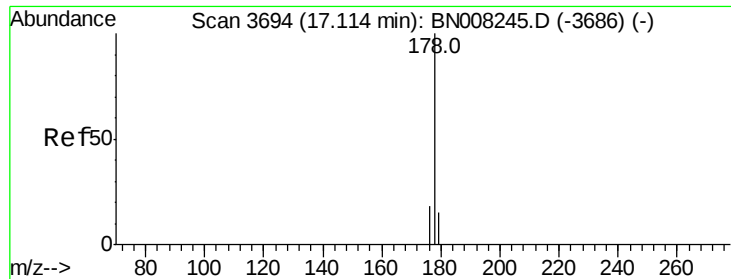
Tot Ion:166 Resp: 1205
 Ion Ratio Lower Upper
 166 100
 165 98.9 76.6 115.0
 167 21.3 11.7 17.5#



#12
Phenanthrene
 Concen: 0.468 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN008270.D
 Acq: 19 Oct 2019 15:15

Tgt Ion:178 Resp: 24145
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.8 19.2
 176 18.8 15.4 23.2





#13

Anthracene

Concen: 0.099 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

ClientSampleId :

BEP96DL

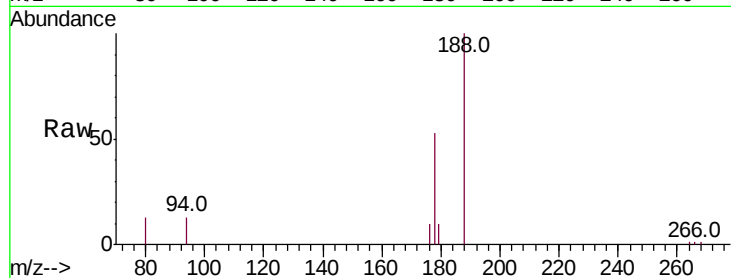
Tot Ion:178 Resp: 4490

Ion Ratio Lower Upper

178 100

179 18.4 13.0 19.6

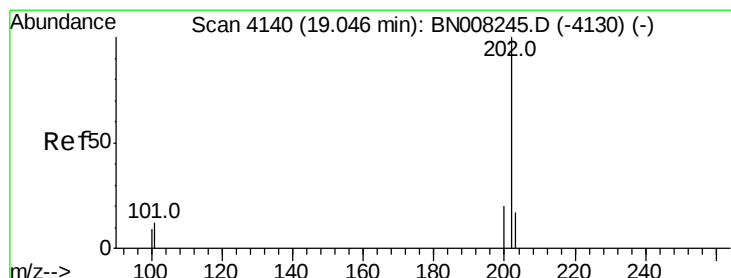
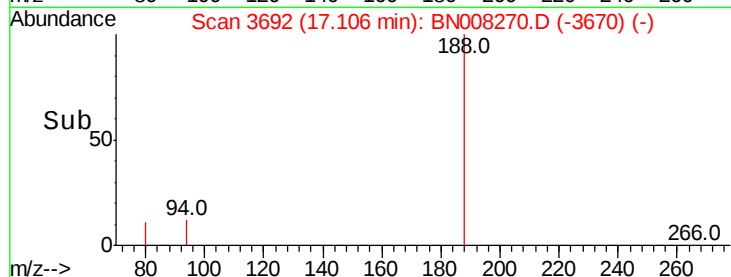
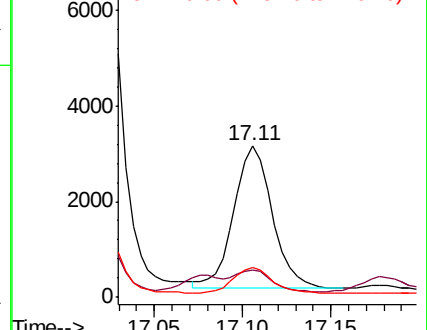
176 19.8 15.0 22.6



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: 0.891 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

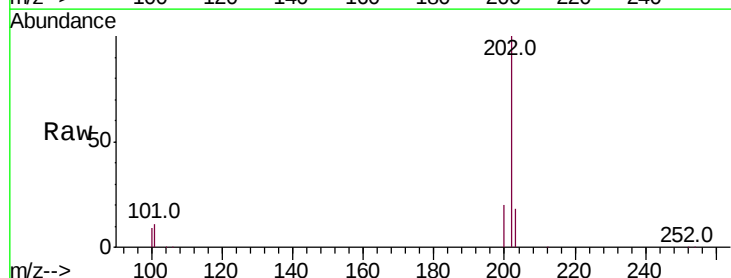
Tgt Ion:202 Resp: 60741

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.2

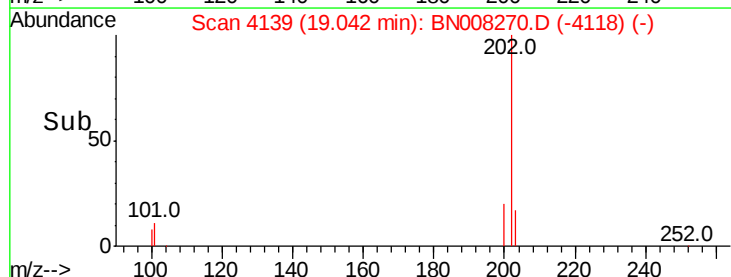
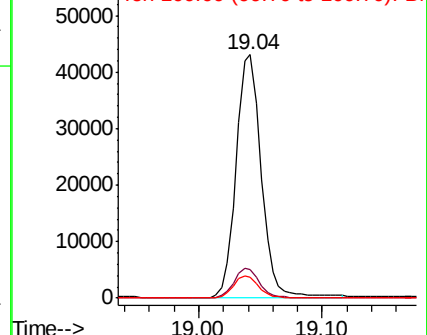
100 8.7 0.0 28.5

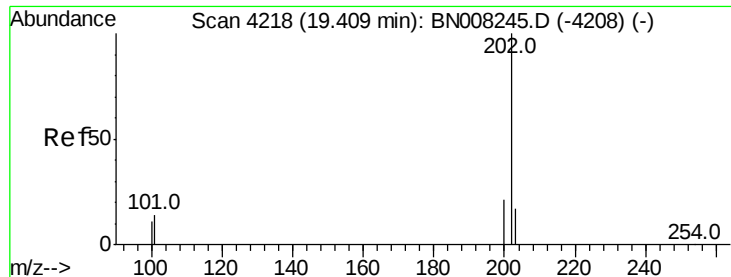


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

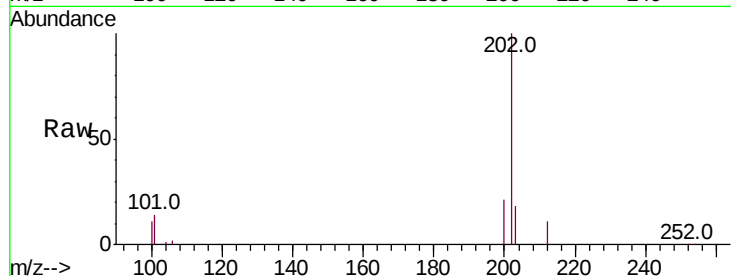




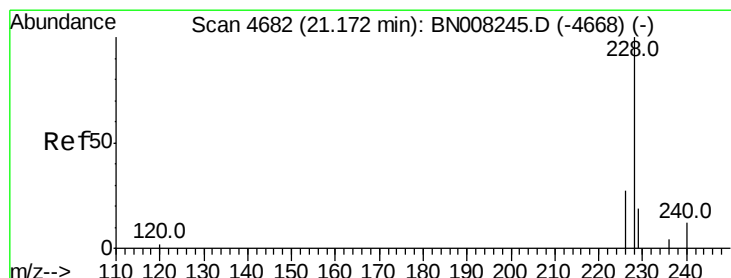
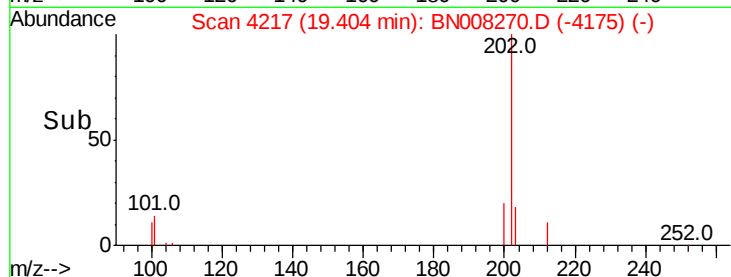
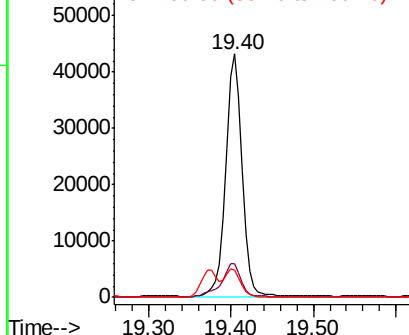
#17
Pvrene
Concen: 0.888 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Instrument :
BNA_N
ClientSampleId :
BEP96DL

Tot Ion:202 Resp: 59721
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 11.2 8.7 13.1

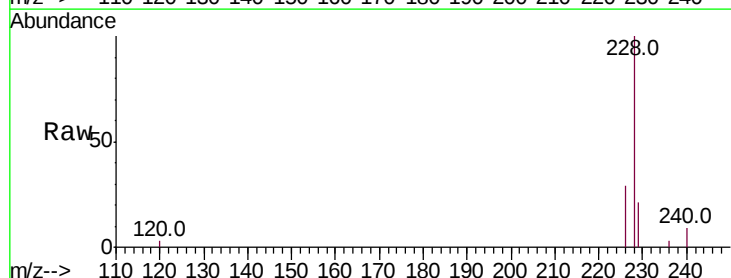


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

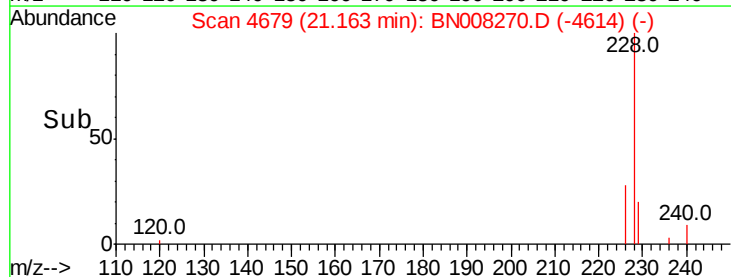
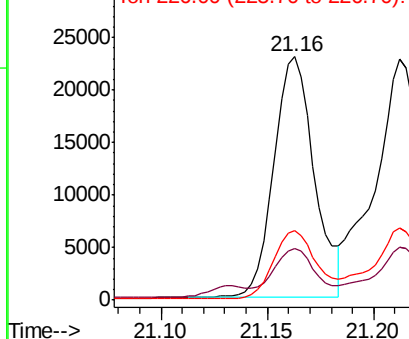


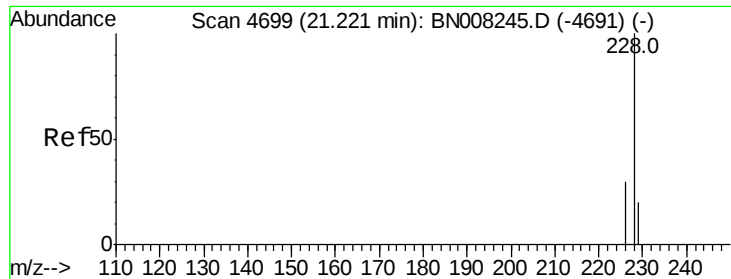
#18
Benzo(a)anthracene
Concen: 0.496 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Tgt Ion:228 Resp: 30443
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 28.8 21.4 32.0



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: 0.493 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

ClientSampleId :

BEP96DL

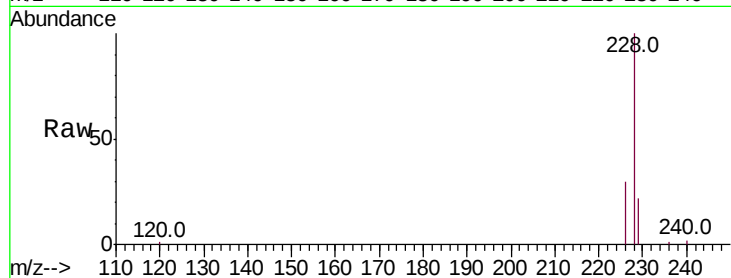
Tot Ion:228 Resp: 37109

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

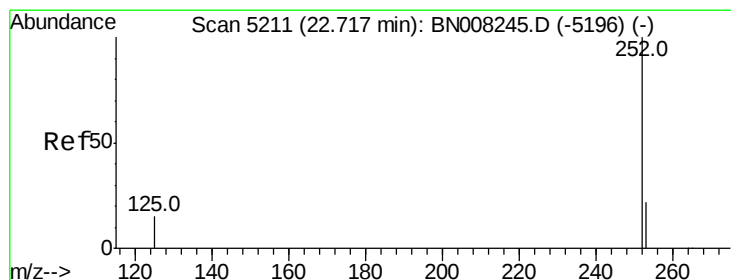
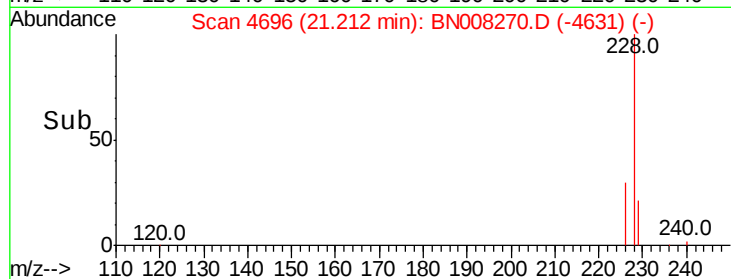
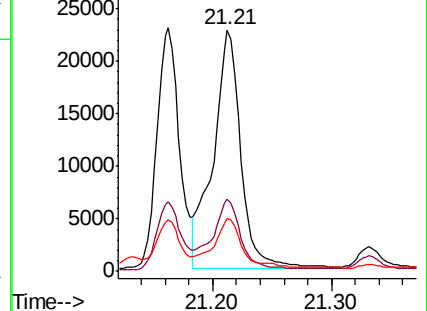
229 21.7 16.2 24.2



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: 1.197 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

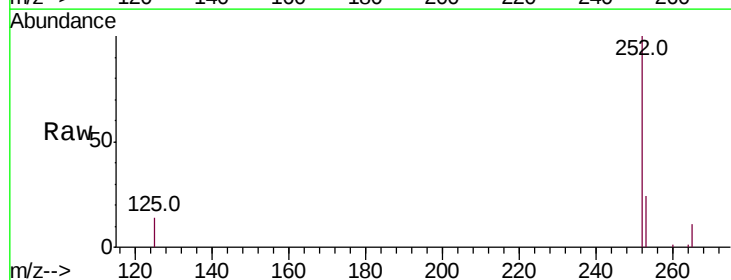
Tgt Ion:252 Resp: 59422

Ion Ratio Lower Upper

252 100

253 24.5 0.0 53.4

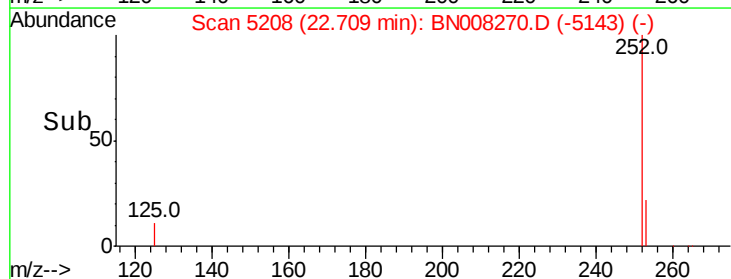
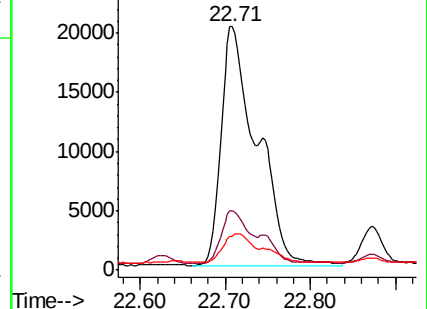
125 14.0 0.0 32.4

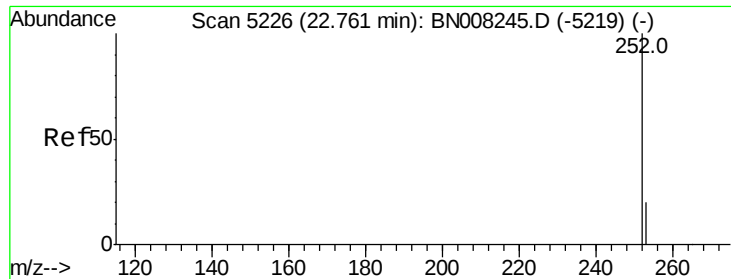


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.056 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.05 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

ClientSampleId :

BEP96DL

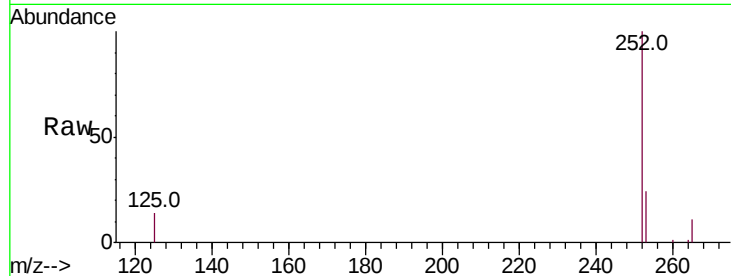
Tot Ion:252 Resp: 59422

Ion Ratio Lower Upper

252 100

253 24.5 21.3 31.9

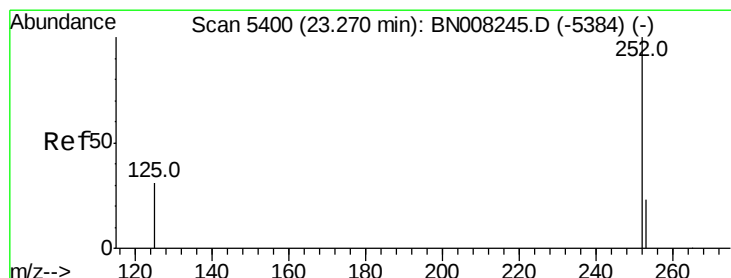
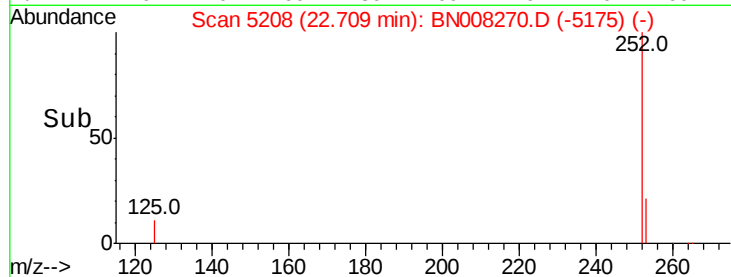
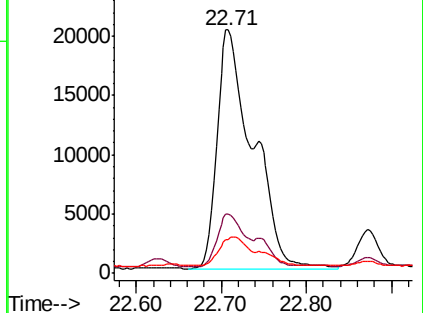
125 14.0 12.3 18.5



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: 0.540 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

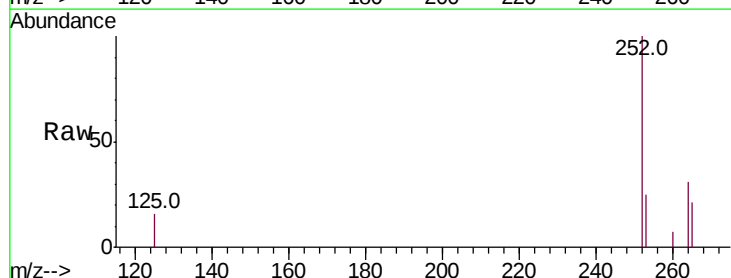
Tgt Ion:252 Resp: 28229

Ion Ratio Lower Upper

252 100

253 25.1 22.8 34.2

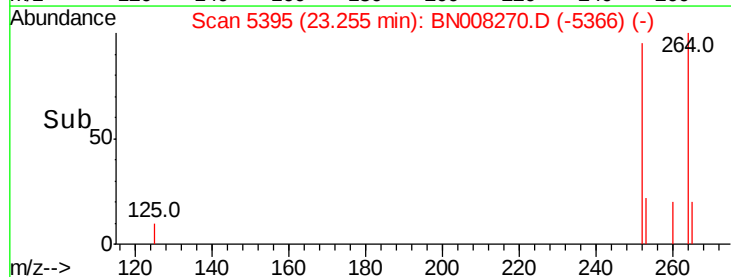
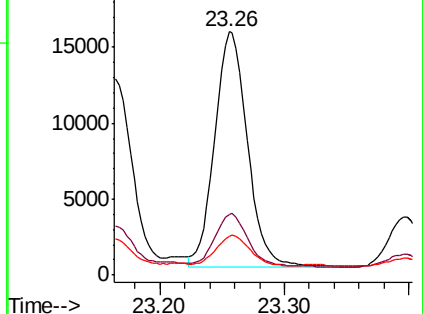
125 16.1 18.4 27.6#

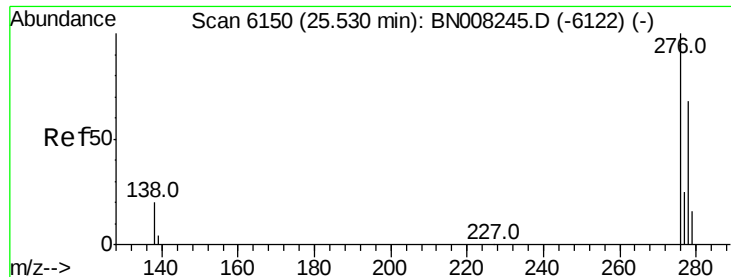


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



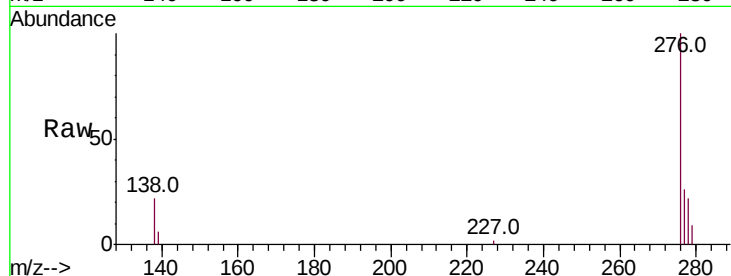


#24

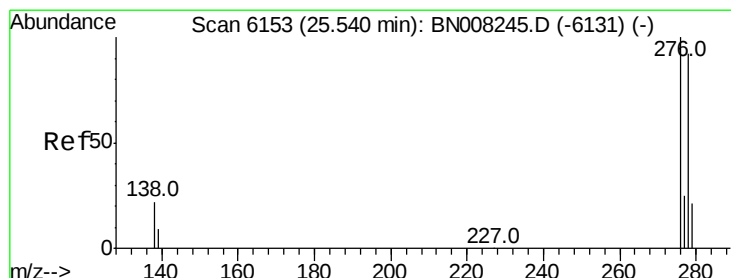
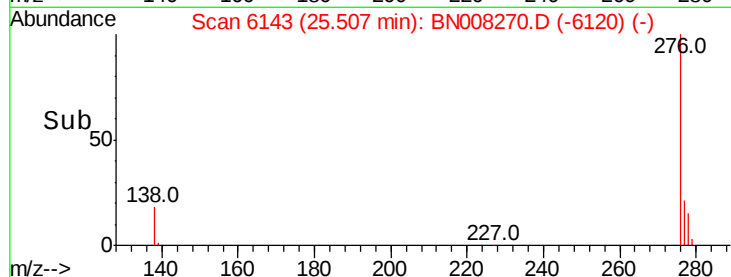
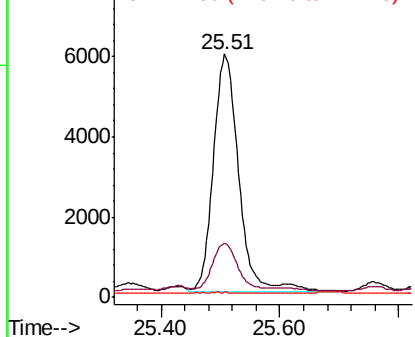
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Instrument :
BNA_N
ClientSampleId :
BEP96DL

Tot Ion:276 Resp: 17516
Ion Ratio Lower Upper
276 100
138 21.4 16.1 24.1
227 0.1 0.2 0.2#



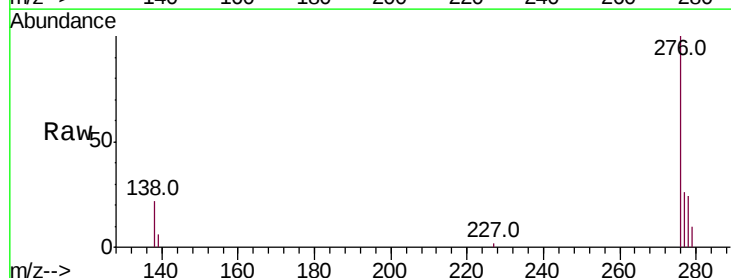
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



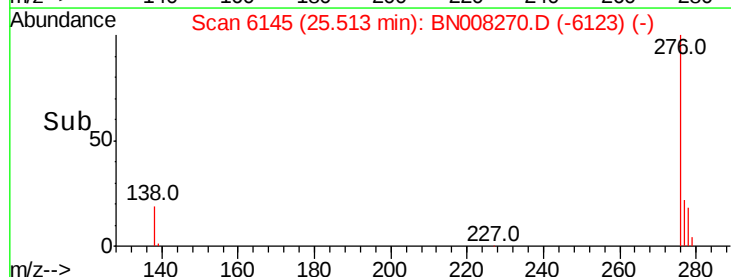
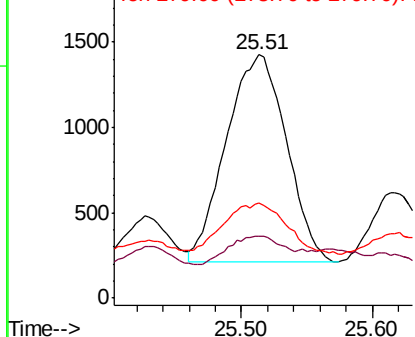
#25

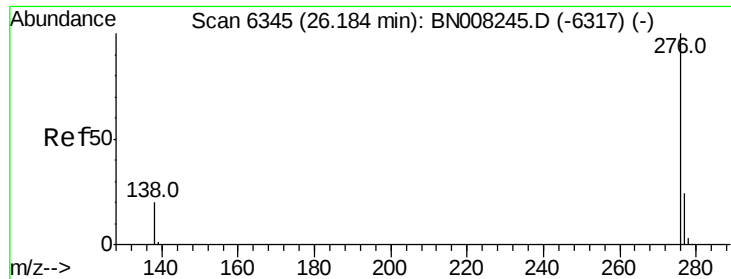
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.03 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Tgt Ion:278 Resp: 3875
Ion Ratio Lower Upper
278 100
139 25.4 15.0 22.6#
279 38.9 22.4 33.6#



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(a,h,i)perylene

Concen: 0.289 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.02 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

ClientSampleId :

BEP96DL

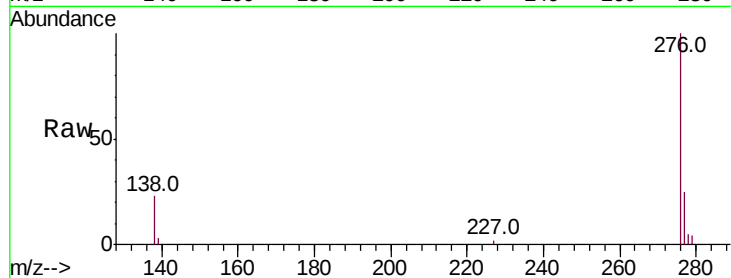
Tot Ion:276 Resp: 16335

Ion Ratio Lower Upper

276 100

138 23.0 17.0 25.4

277 25.3 20.4 30.6



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

