

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008264.D
 Acq On : 19 Oct 2019 11:41
 Operator : JU
 Sample : K5177-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA2DL

Quant Time: Oct 19 20:51:35 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

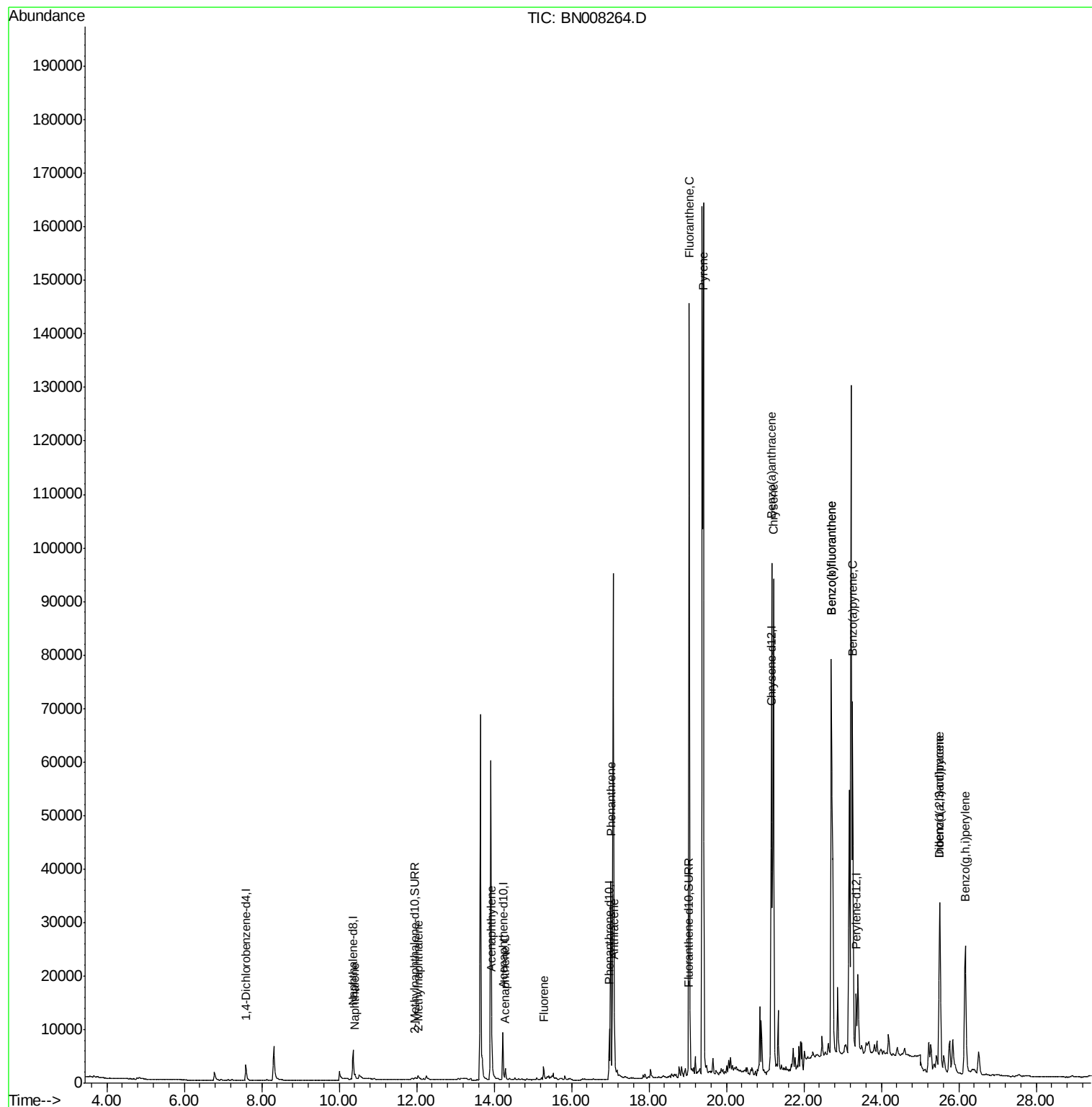
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	5224	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11567	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12605	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12929	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	516	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1727	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.41	128	1182	0.051	ng/ul#	83
5) 2-Methylnaphthalene	12.03	142	737	0.046	ng/ul	97
7) Acenaphthylene	13.95	152	4354	0.175	ng/ul	96
8) Acenaphthene	14.29	153	1293	0.067	ng/ul	96
9) Fluorene	15.28	166	1624	0.074	ng/ul#	94
12) Phenanthrene	17.02	178	40808	1.205	ng/ul	99
13) Anthracene	17.11	178	7848	0.263	ng/ul	98
15) Fluoranthene	19.04	202	128495	2.873	ng/ul	99
17) Pyrene	19.40	202	137274	2.735	ng/ul	100
18) Benzo(a)anthracene	21.16	228	82538	1.801	ng/ul	97
19) Chrysene	21.21	228	94724	1.684	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	161094	3.828	ng/ul	93
22) Benzo(k)fluoranthene	22.71	252	161094	3.379	ng/ul	93
23) Benzo(a)pyrene	23.26	252	83916	1.895	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.51	276	49433	0.948	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.51	278	12355	0.300	ng/ul	93
26) Benzo(a,h,i)perylene	26.16	276	47342	0.990	ng/ul	99

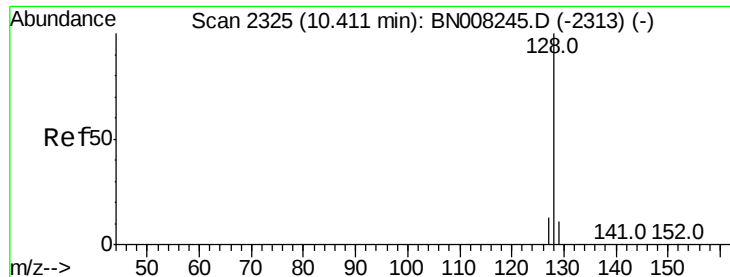
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008264.D
Acq On : 19 Oct 2019 11:41
Operator : JU
Sample : K5177-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPA2DL

Quant Time: Oct 19 20:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

ClientSampleId :

BEPA2DL

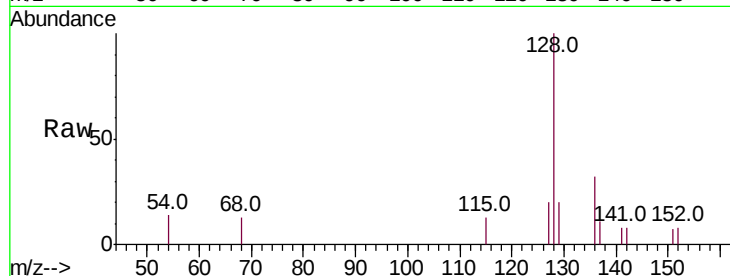
Tot Ion:128 Resp: 1182

Ion Ratio Lower Upper

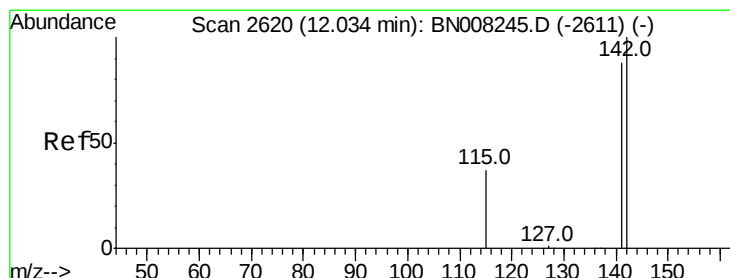
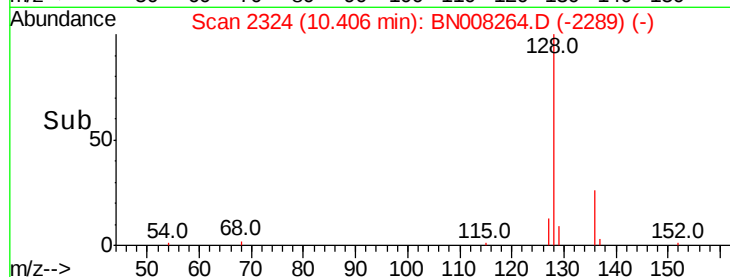
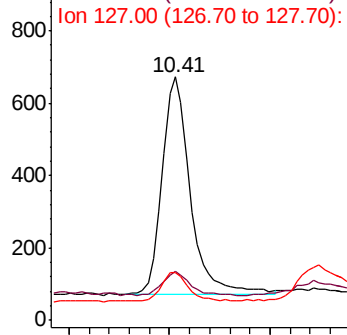
128 100

129 19.9 9.8 14.8#

127 19.6 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E



#5

2-Methylnaphthalene

Concen: 0.046 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BN008264.D

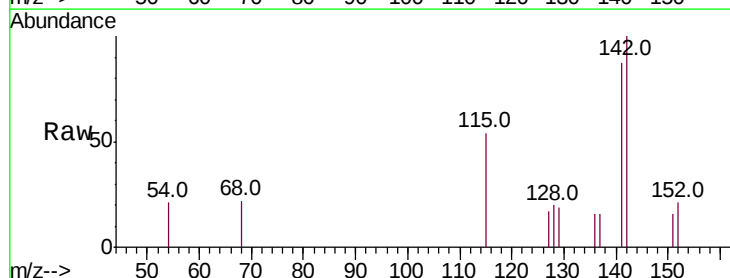
Acq: 19 Oct 2019 11:41

Tgt Ion:142 Resp: 737

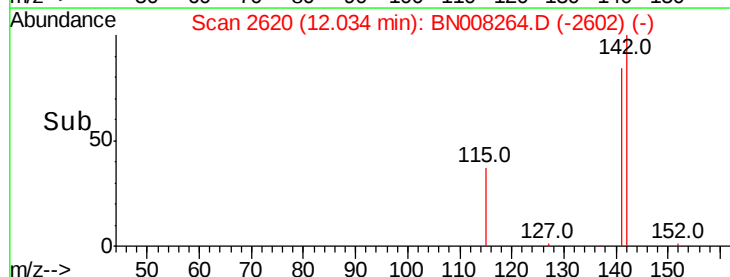
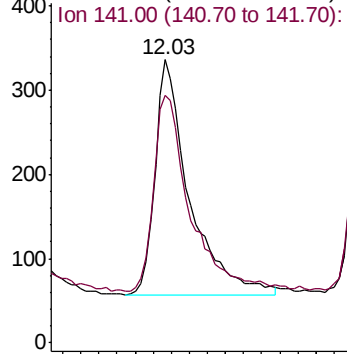
Ion Ratio Lower Upper

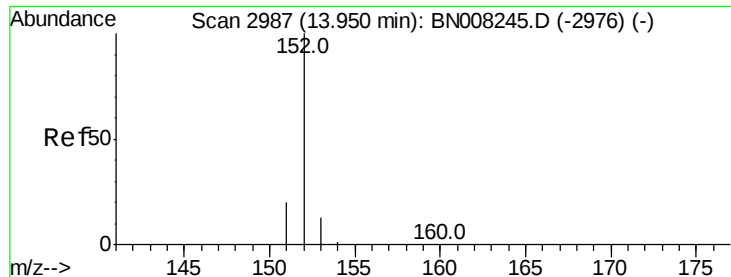
142 100

141 86.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E





#7

Acenaphthylene

Concen: 0.175 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

ClientSampleId :

BEPA2DL

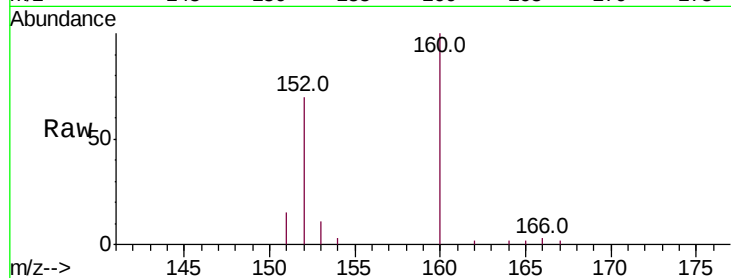
Tot Ion:152 Resp: 4354

Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.4

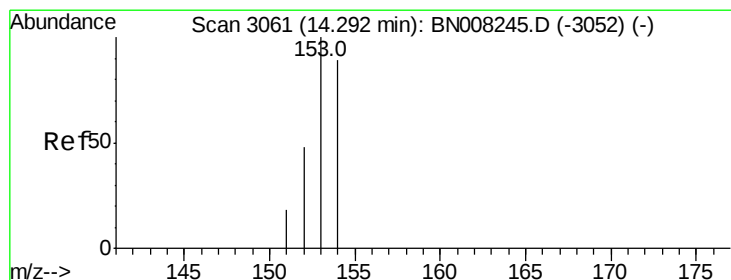
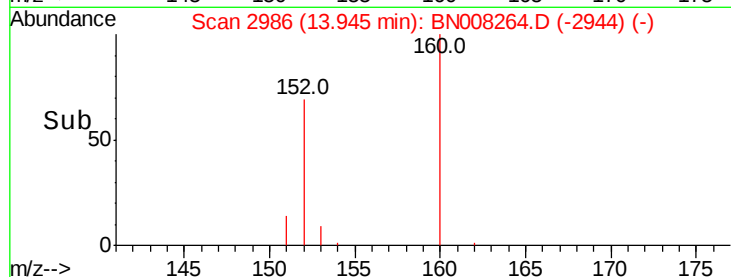
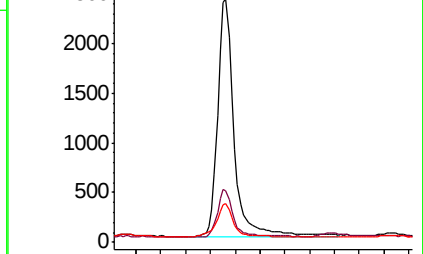
153 15.8 11.0 16.4



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: 0.067 ng/ul

RT: 14.29 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

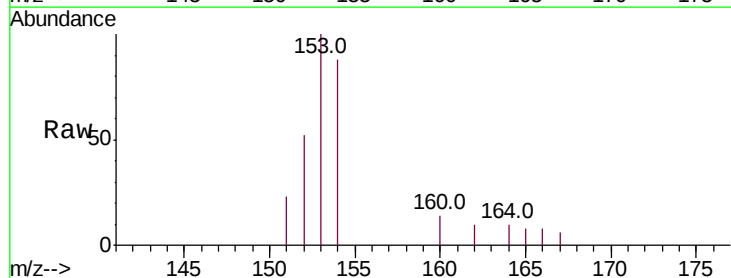
Tgt Ion:153 Resp: 1293

Ion Ratio Lower Upper

153 100

152 51.7 38.2 57.2

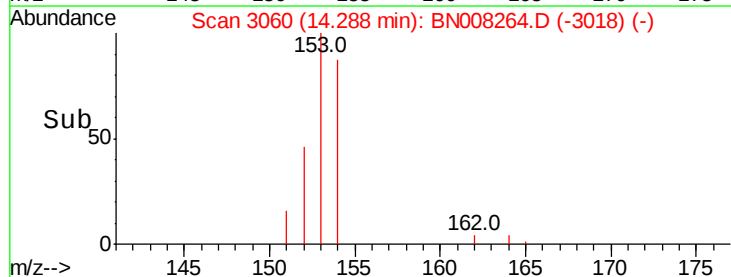
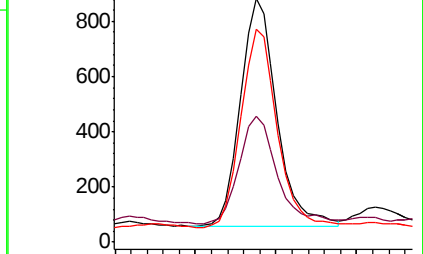
154 87.5 71.8 107.8

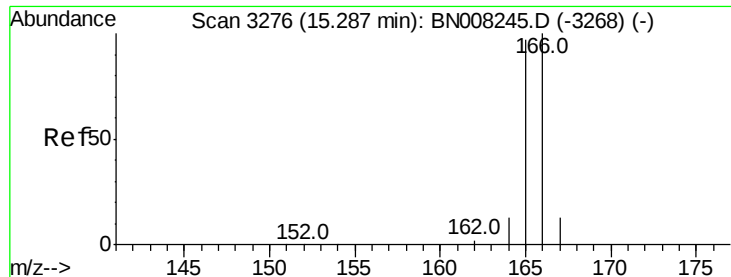


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





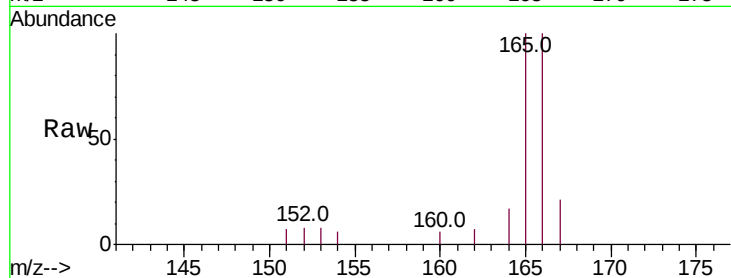
#9

Fluorene

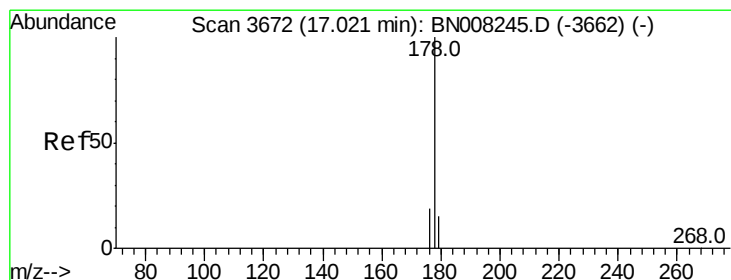
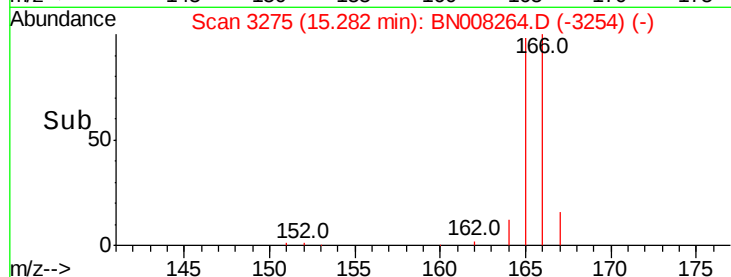
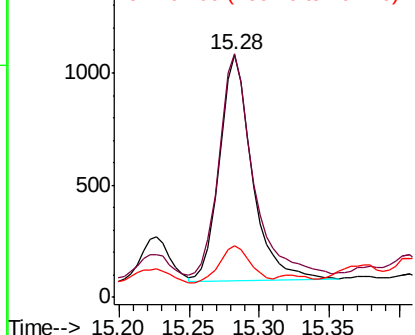
Concen: 0.074 ng/ul
 RT: 15.28 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: BN008264.D
 Acq: 19 Oct 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :
 BEPA2DL

Tot Ion:166 Resp: 1624
 Ion Ratio Lower Upper
 166 100
 165 100.5 76.6 115.0
 167 21.4 11.7 17.5#



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

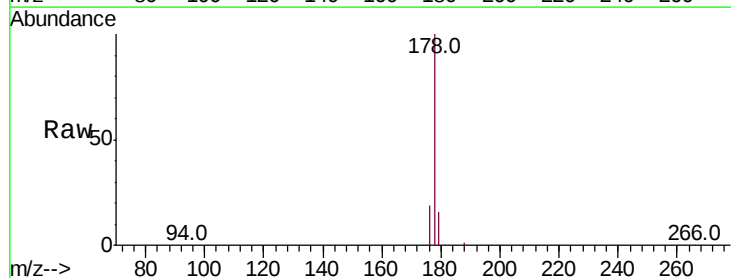


#12

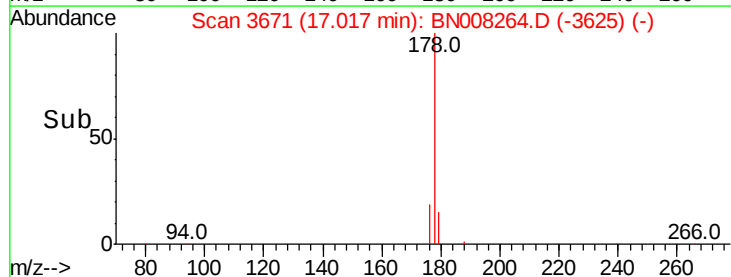
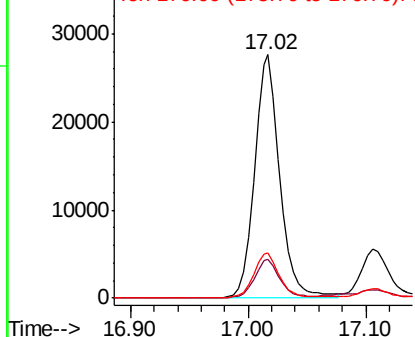
Phenanthrene

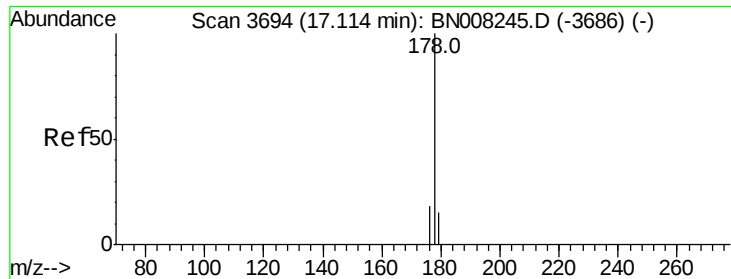
Concen: 1.205 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN008264.D
 Acq: 19 Oct 2019 11:41

Tgt Ion:178 Resp: 40808
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.8 19.2
 176 18.8 15.4 23.2



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: 0.263 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

ClientSampleId :

BEPA2DL

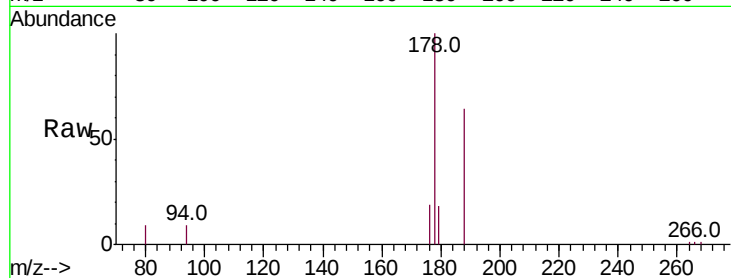
Tot Ion:178 Resp: 7848

Ion Ratio Lower Upper

178 100

179 18.0 13.0 19.6

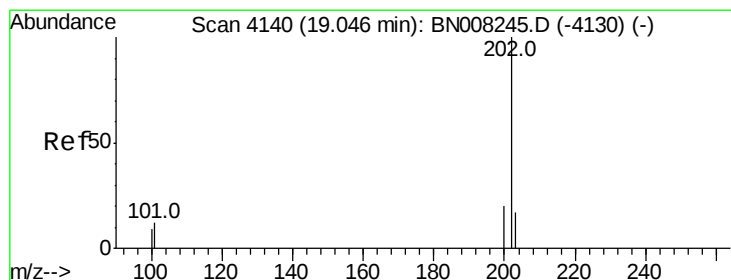
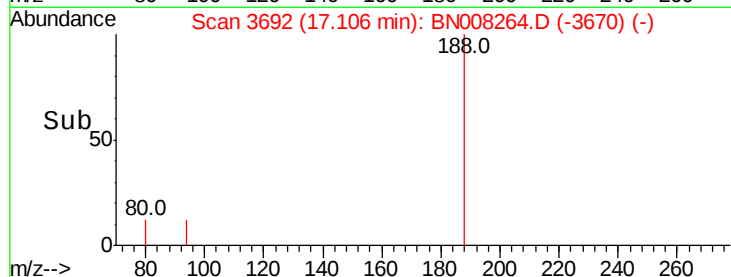
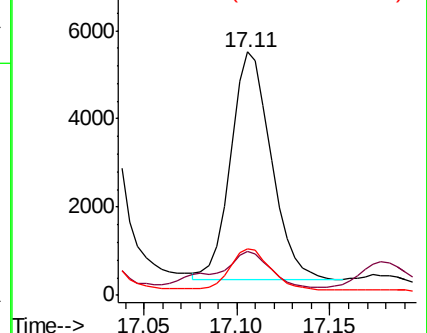
176 19.3 15.0 22.6



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: 2.873 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

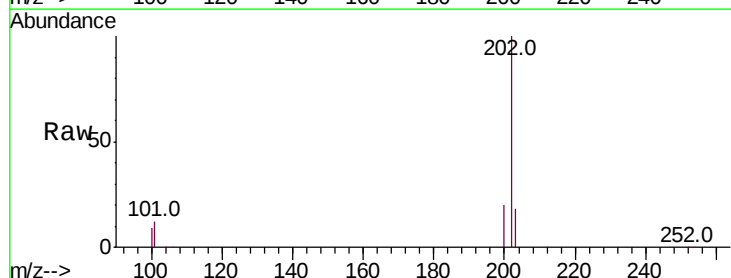
Tgt Ion:202 Resp: 128495

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.2

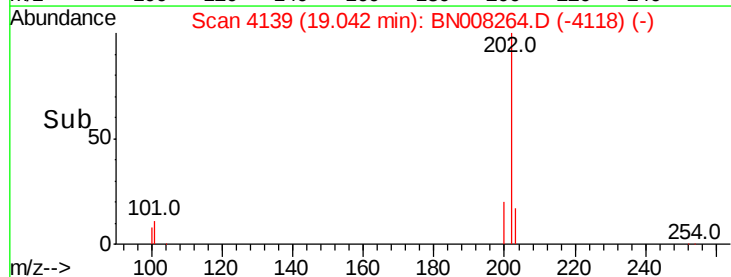
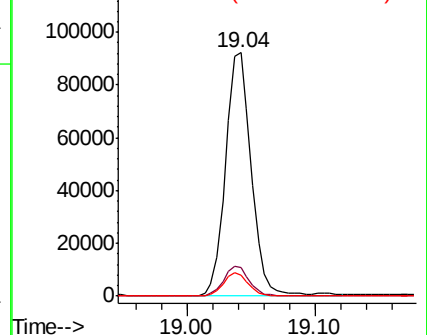
100 8.6 0.0 28.5

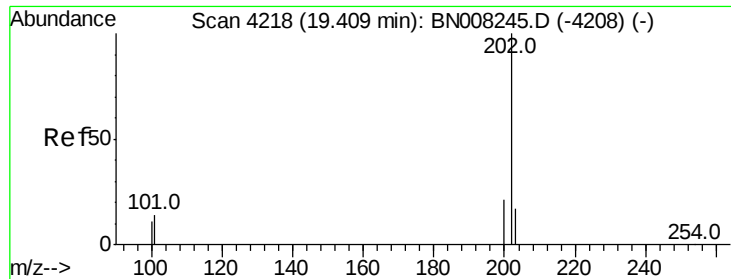


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

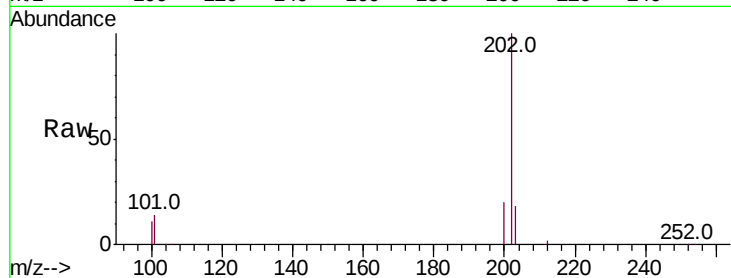




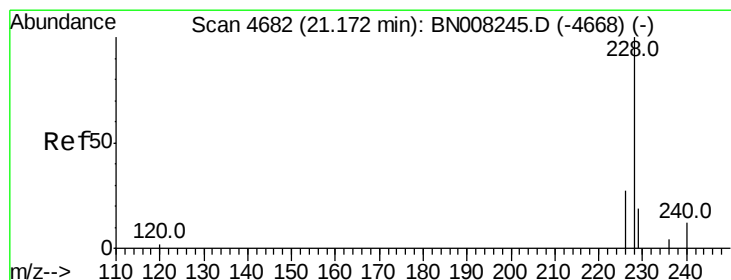
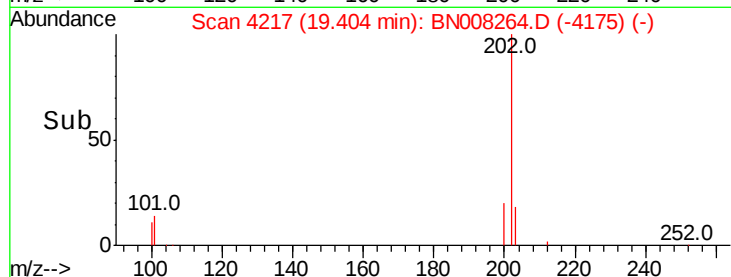
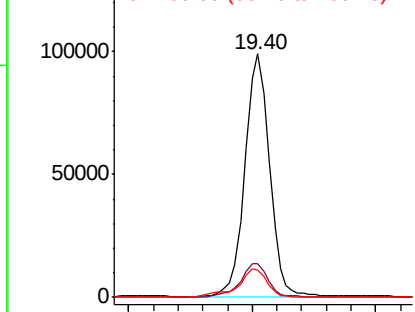
#17
Pvrene
Concen: 2.735 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008264.D
Acq: 19 Oct 2019 11:41

Instrument :
BNA_N
ClientSampleId :
BEP2DL

Tot Ion:202 Resp: 137274
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 11.1 8.7 13.1

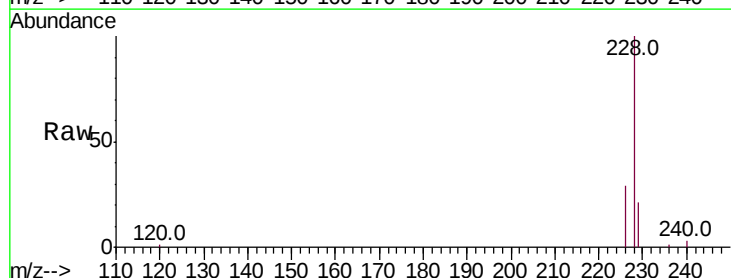


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

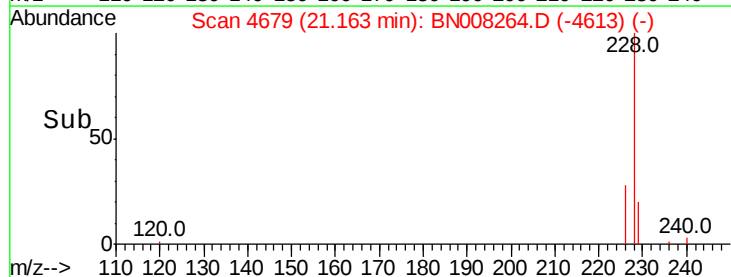
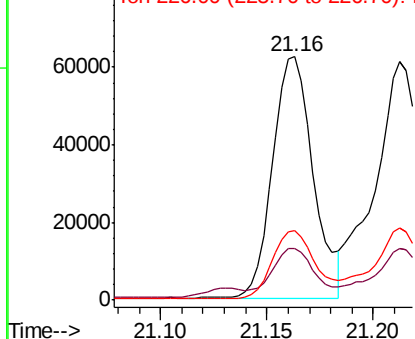


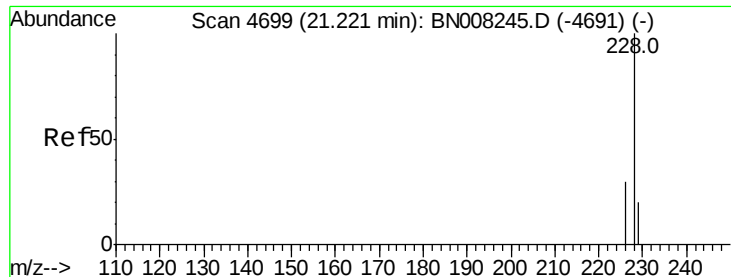
#18
Benzo(a)anthracene
Concen: 1.801 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008264.D
Acq: 19 Oct 2019 11:41

Tgt Ion:228 Resp: 82538
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 28.5 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: 1.684 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

ClientSampleId :

BEPA2DL

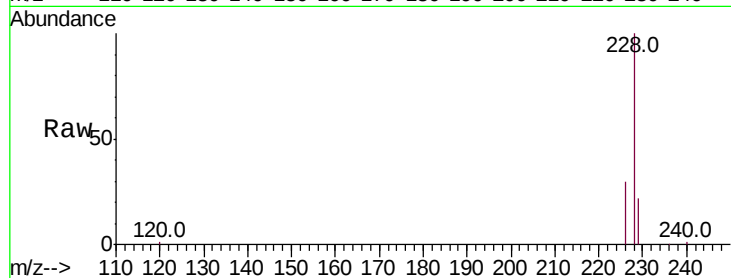
Tot Ion:228 Resp: 94724

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

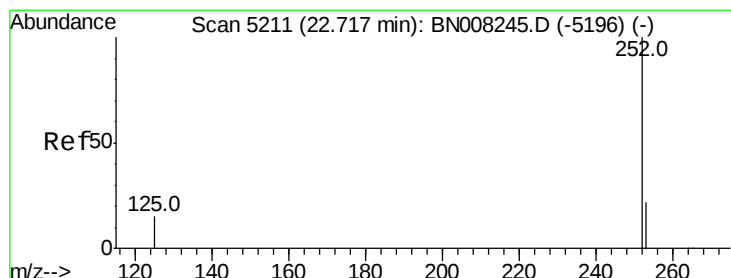
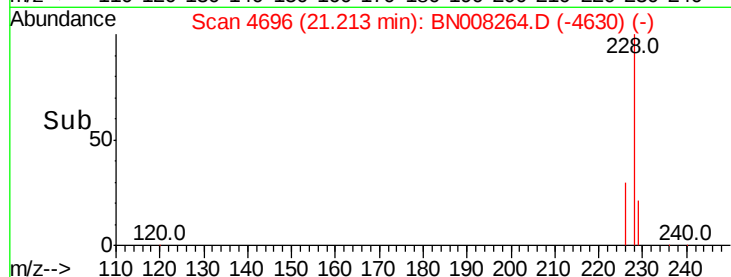
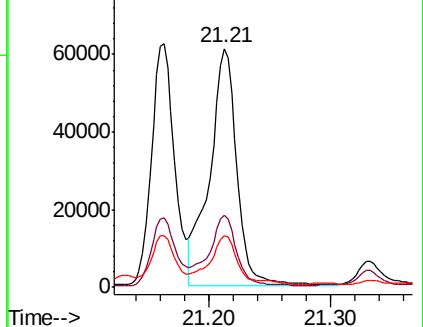
229 21.5 16.2 24.2



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: 3.828 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

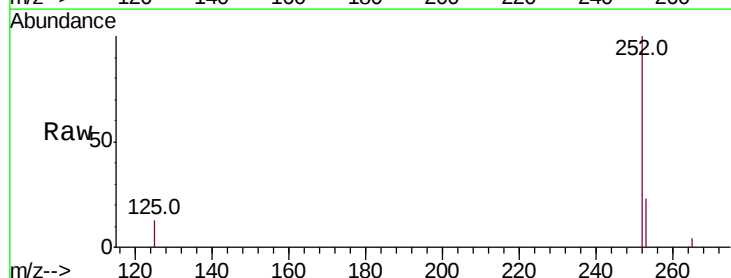
Tgt Ion:252 Resp: 161094

Ion Ratio Lower Upper

252 100

253 23.2 0.0 53.4

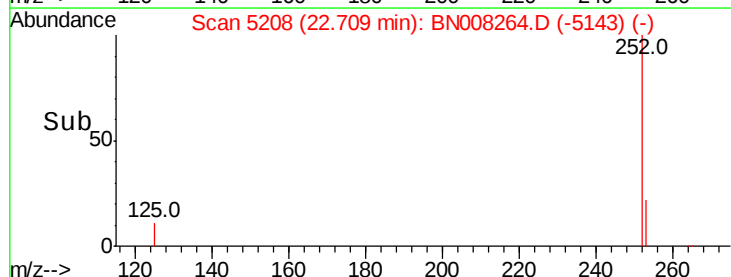
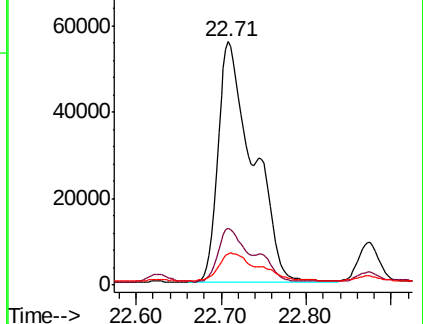
125 12.7 0.0 32.4

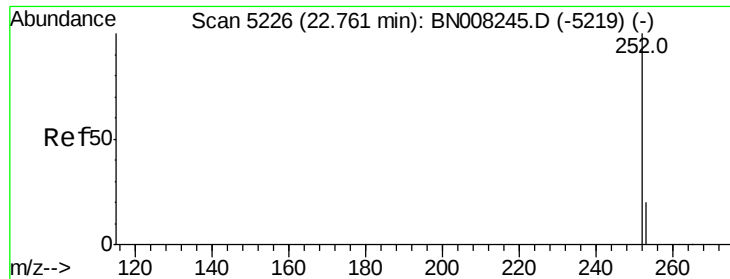


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.379 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.05 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

ClientSampleId :

BEPA2DL

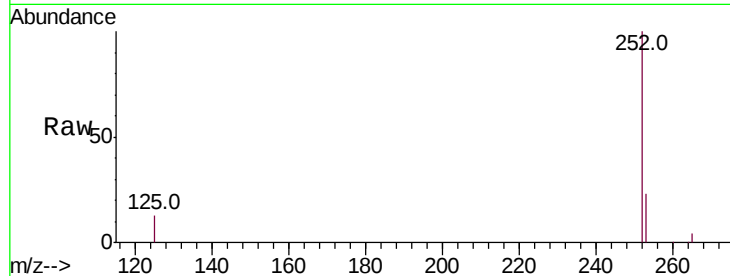
Tot Ion:252 Resp: 161094

Ion Ratio Lower Upper

252 100

253 23.2 21.3 31.9

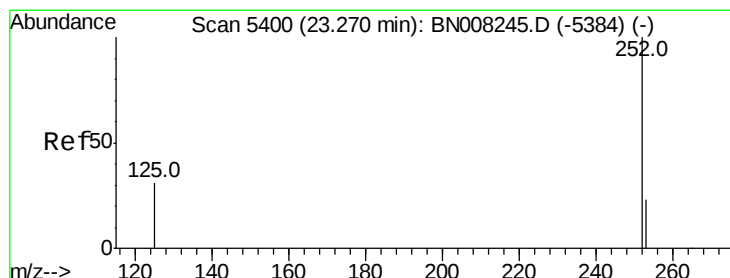
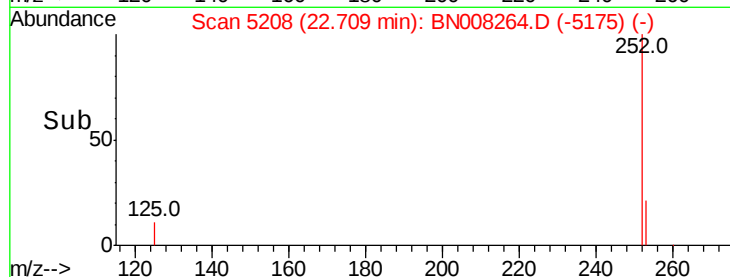
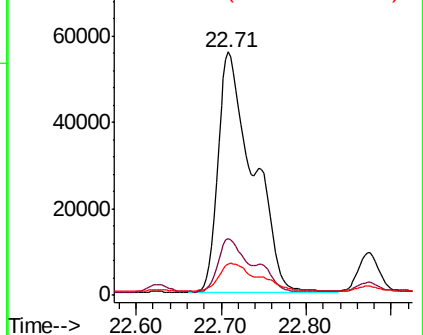
125 12.7 12.3 18.5



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: 1.895 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

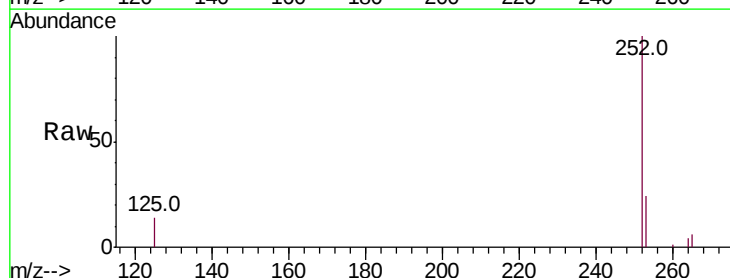
Tgt Ion:252 Resp: 83916

Ion Ratio Lower Upper

252 100

253 23.6 22.8 34.2

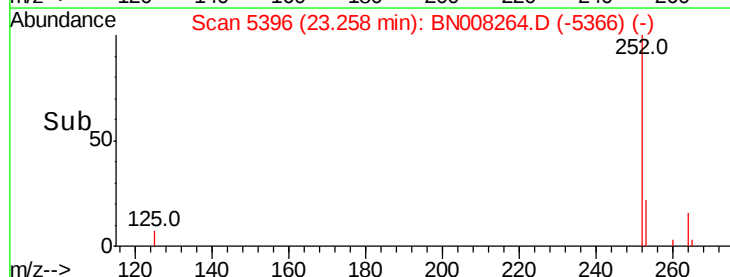
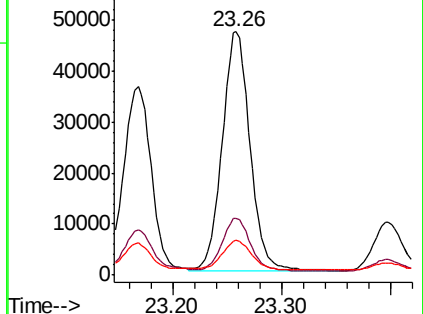
125 14.1 18.4 27.6#

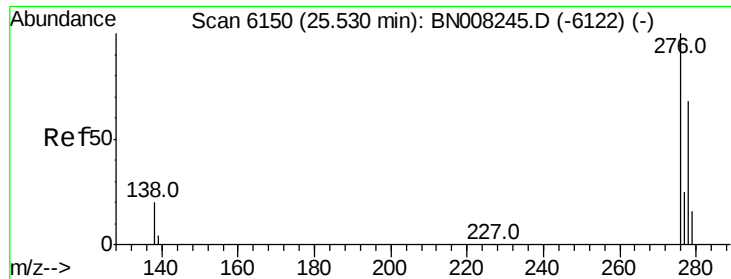


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



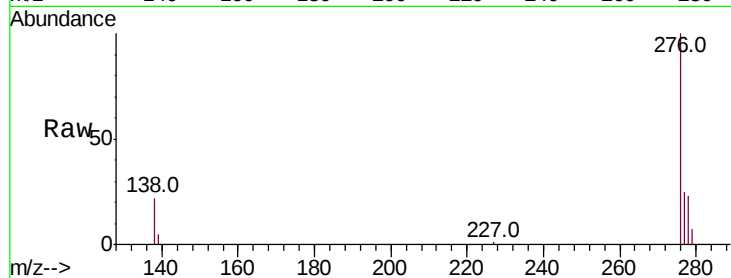


#24

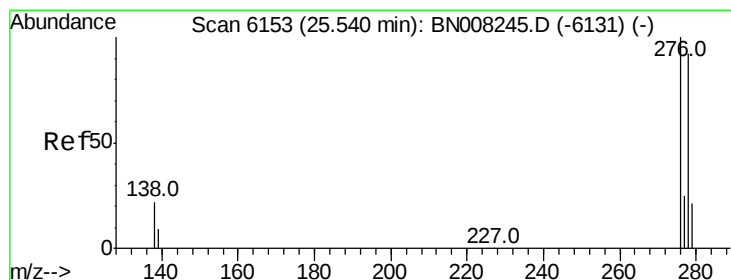
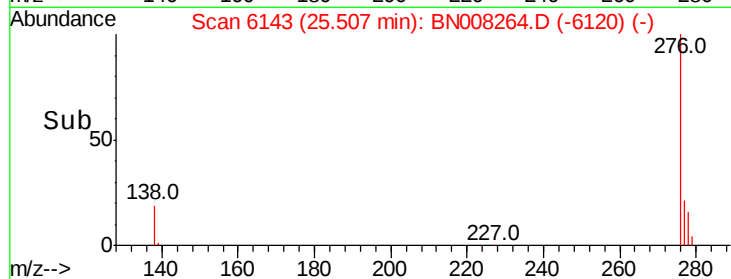
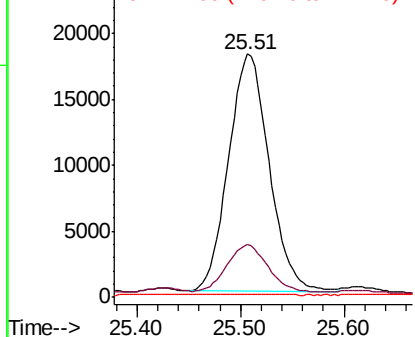
Indeno(1,2,3-cd)pyrene
Concen: 0.948 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008264.D
Acq: 19 Oct 2019 11:41

Instrument :
BNA_N
ClientSampleId :
BEP2DL

Tot Ion:276 Resp: 49433
Ion Ratio Lower Upper
276 100
138 19.9 16.1 24.1
227 0.0 0.2 0.2#



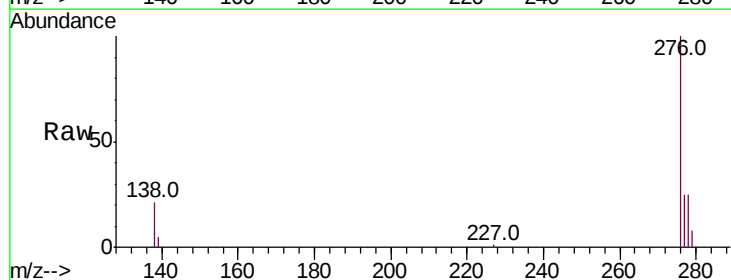
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



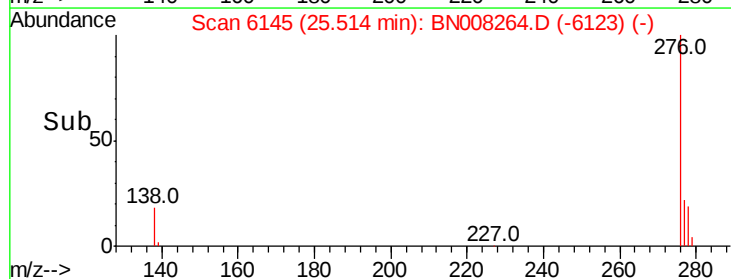
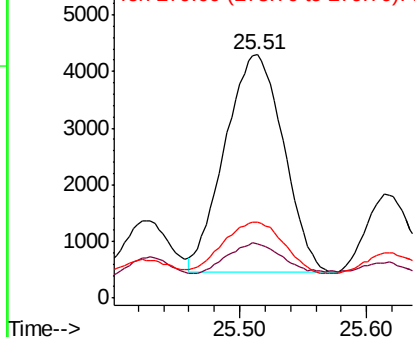
#25

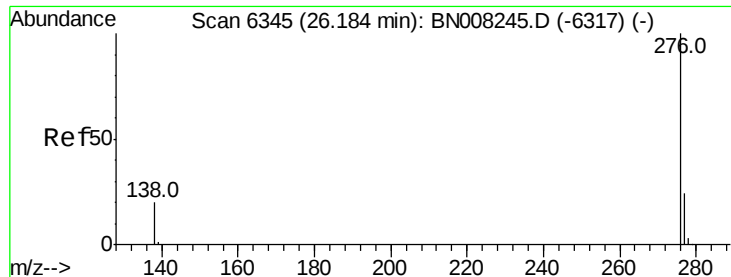
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.03 min
Lab File: BN008264.D
Acq: 19 Oct 2019 11:41

Tgt Ion:278 Resp: 12355
Ion Ratio Lower Upper
278 100
139 22.2 15.0 22.6
279 31.3 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: 0.990 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.02 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

ClientSampleId :

BEPA2DL

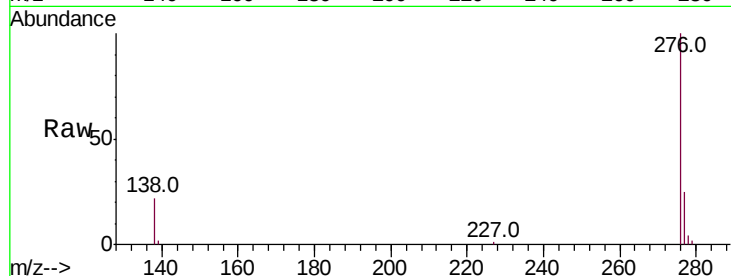
Tot Ion:276 Resp: 47342

Ion Ratio Lower Upper

276 100

138 21.6 17.0 25.4

277 24.6 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

