

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008267.D
 Acq On : 19 Oct 2019 13:28
 Operator : JU
 Sample : K5177-22DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC9DL

Quant Time: Oct 19 20:51:51 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

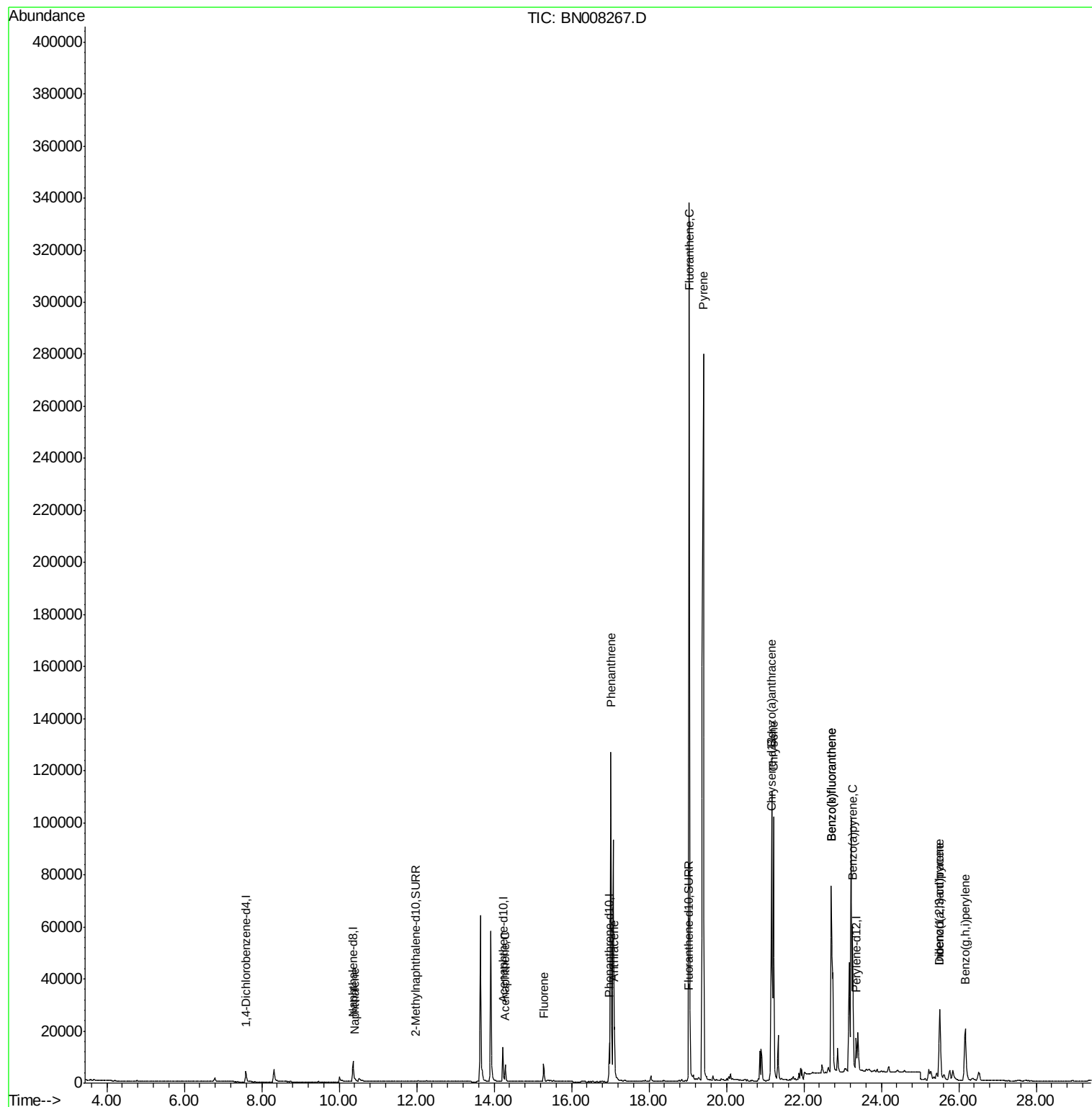
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	11772	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	7799	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17564	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	17142	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14900	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	490	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1617	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	936	0.028	ng/ul#	81
8) Acenaphthene	14.29	153	3842	0.133	ng/ul	98
9) Fluorene	15.28	166	4847	0.148	ng/ul	97
12) Phenanthrene	17.02	178	142197	2.765	ng/ul	98
13) Anthracene	17.11	178	21410	0.473	ng/ul	99
15) Fluoranthene	19.04	202	294455	4.336	ng/ul	100
17) Pyrene	19.40	202	232281	3.403	ng/ul	100
18) Benzo(a)anthracene	21.16	228	95384	1.530	ng/ul	99
19) Chrysene	21.21	228	105650	1.381	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	163694	3.375	ng/ul	91
22) Benzo(k)fluoranthene	22.71	252	163729	2.980	ng/ul#	92
23) Benzo(a)pyrene	23.26	252	74245	1.455	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.51	276	45965	0.765	ng/ul	97
25) Dibenzo(a,h)anthracene	25.51	278	8816	0.186	ng/ul	96
26) Benzo(g,h,i)perylene	26.16	276	40440	0.734	ng/ul	99

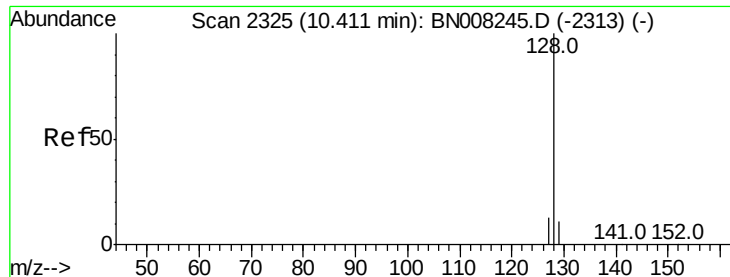
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

Instrument :

BNA_N

ClientSampleId :

BEPC9DL

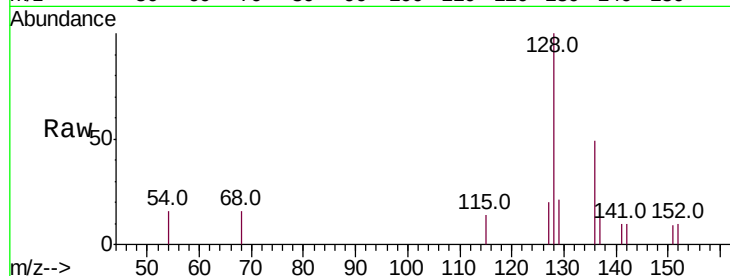
Tot Ion:128 Resp: 936

Ion Ratio Lower Upper

128 100

129 21.0 9.8 14.8#

127 20.4 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

10.41

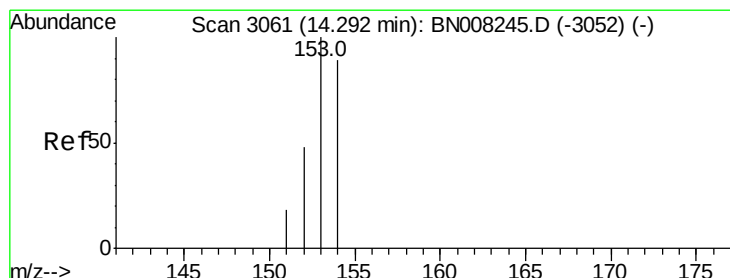
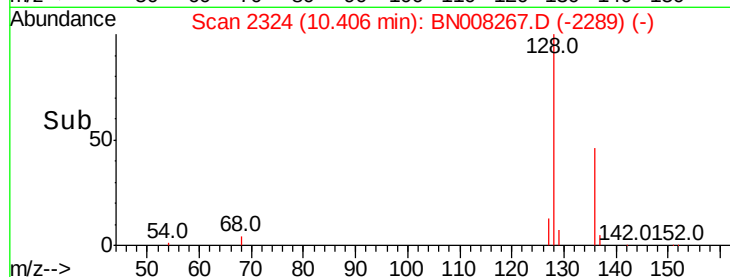
600

400

200

0

Time-->



#8

Acenaphthene

Concen: 0.133 ng/ul

RT: 14.29 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

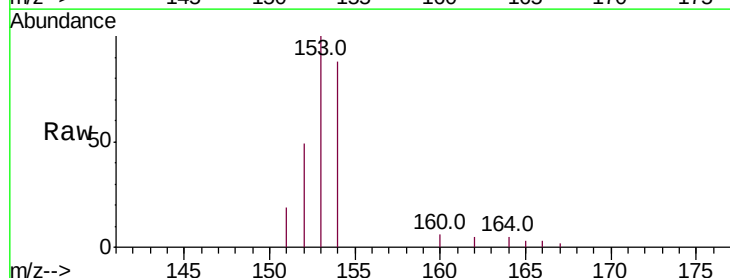
Tgt Ion:153 Resp: 3842

Ion Ratio Lower Upper

153 100

152 48.8 38.2 57.2

154 88.1 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

14.29

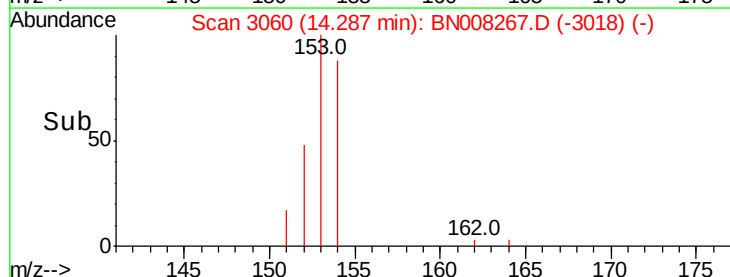
3000

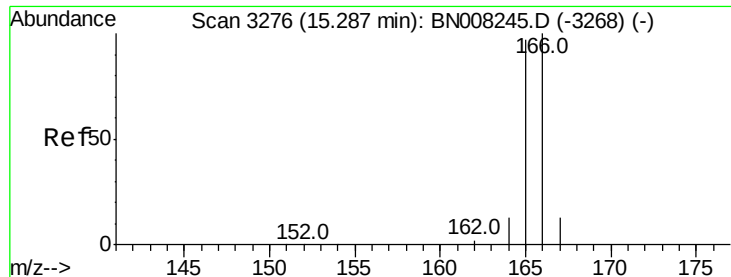
2000

1000

0

Time-->





#9

Fluorene

Concen: 0.148 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

Instrument :

BNA_N

ClientSampleId :

BEPC9DL

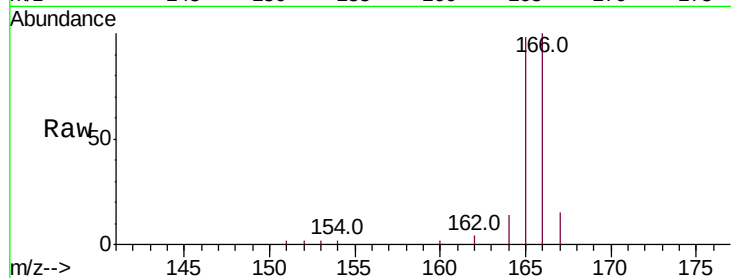
Tot Ion:166 Resp: 4847

Ion Ratio Lower Upper

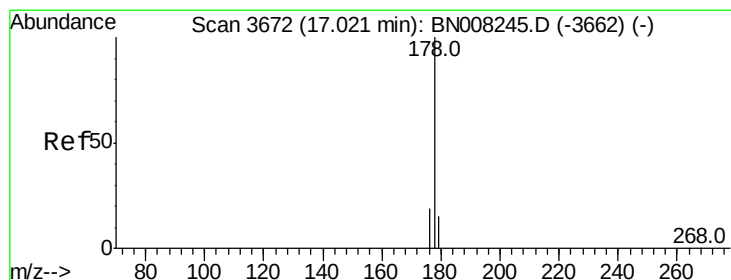
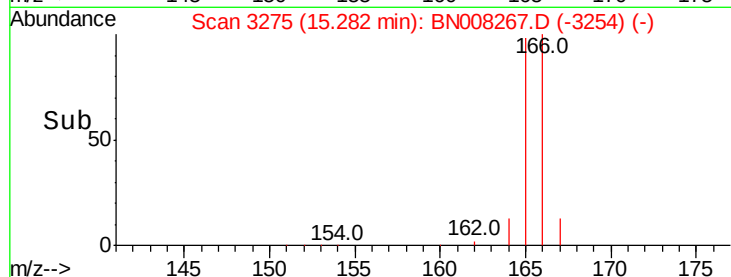
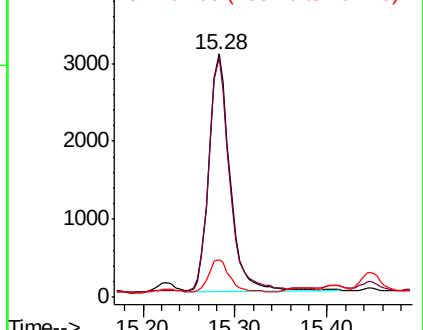
166 100

165 98.4 76.6 115.0

167 15.3 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: 2.765 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

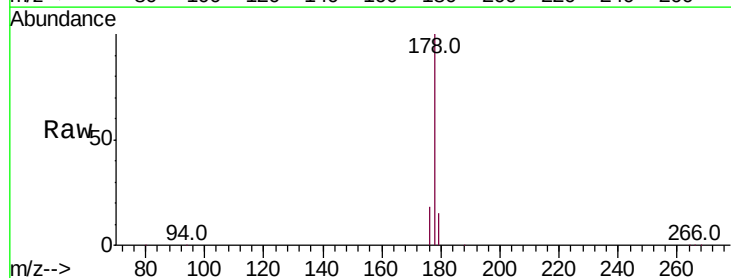
Tgt Ion:178 Resp: 142197

Ion Ratio Lower Upper

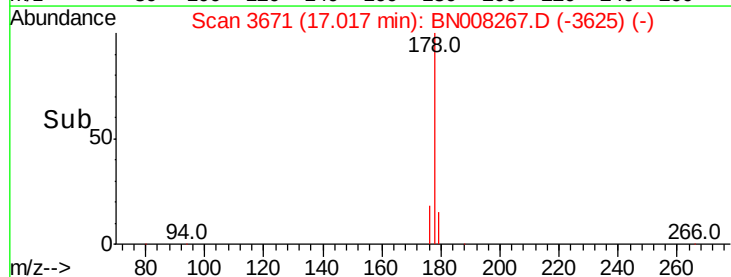
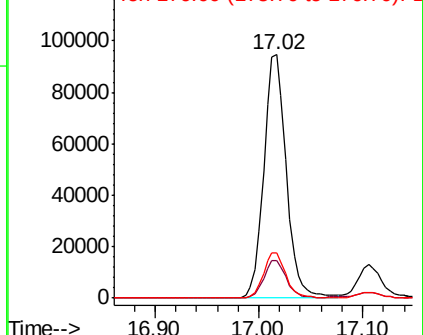
178 100

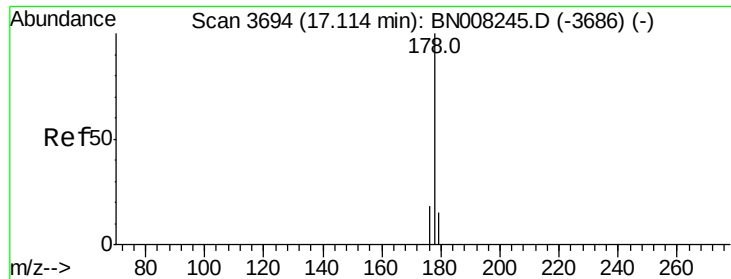
179 15.3 12.8 19.2

176 18.5 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

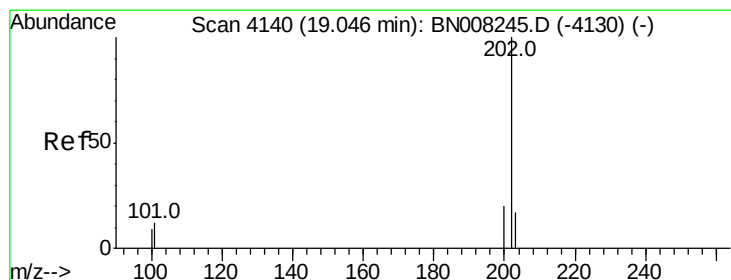
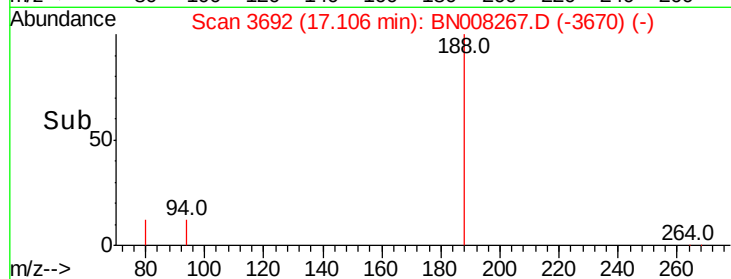
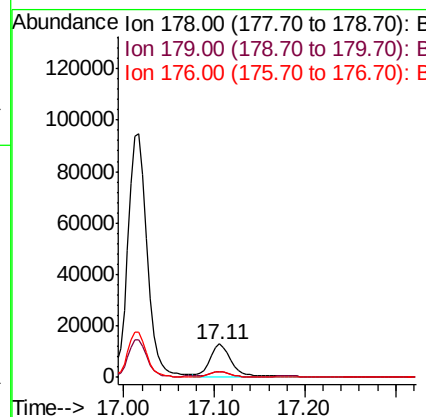
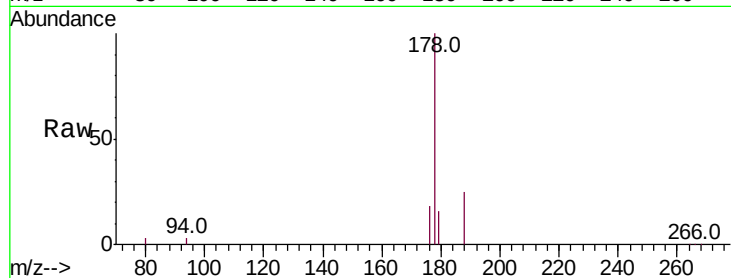




#13
 Anthracene
 Concen: 0.473 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.01 min
 Lab File: BN008267.D
 Acq: 19 Oct 2019 13:28

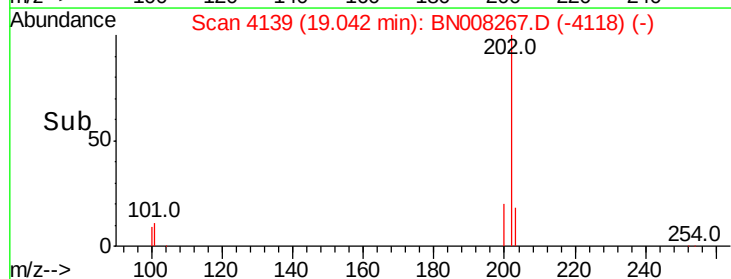
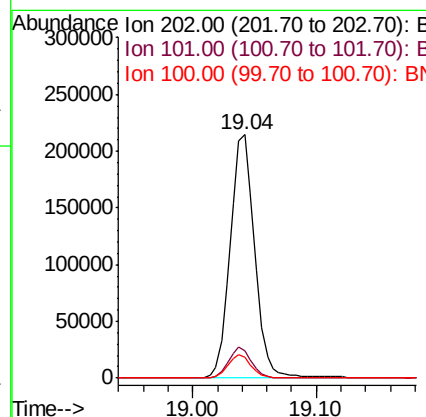
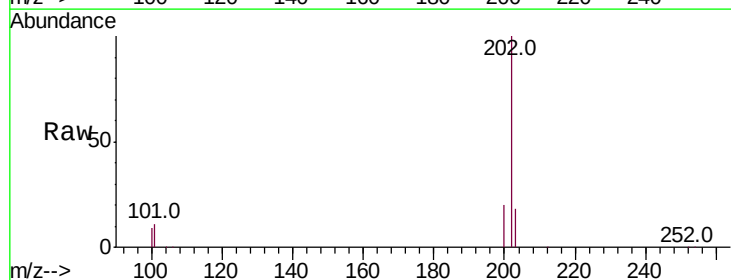
Instrument :
 BNA_N
 ClientSampleId :
 BEPC9DL

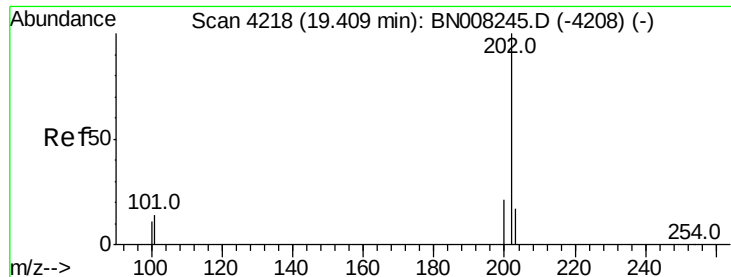
Tot Ion:178 Resp: 21410
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.0 19.6
 176 18.4 15.0 22.6



#15
 Fluoranthene
 Concen: 4.336 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. -0.00 min
 Lab File: BN008267.D
 Acq: 19 Oct 2019 13:28

Tgt Ion:202 Resp: 294455
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.2
 100 8.6 0.0 28.5

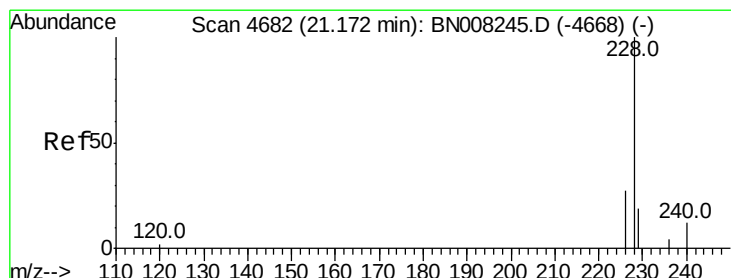
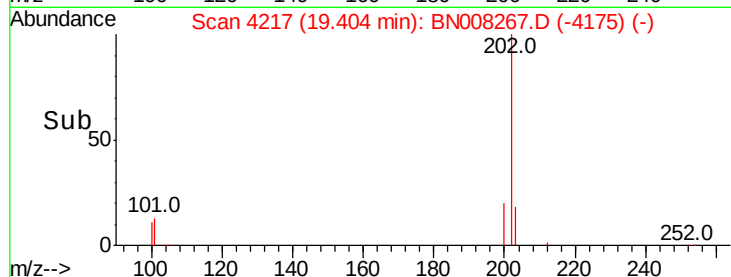
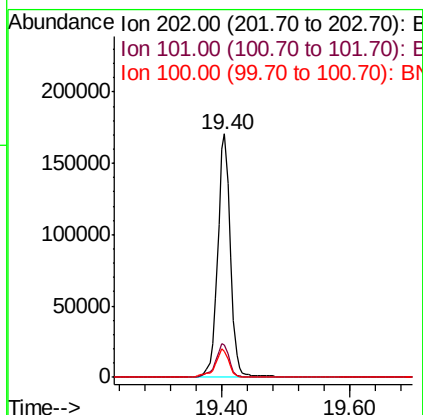
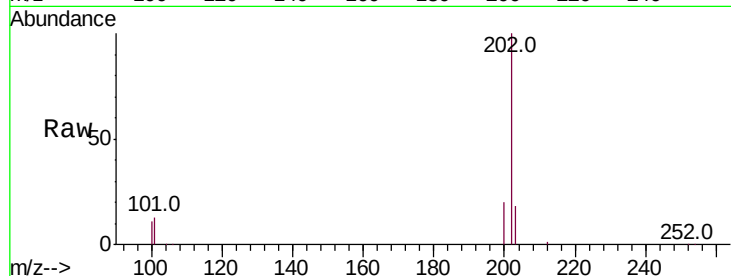




#17
Pvrene
Concen: 3.403 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

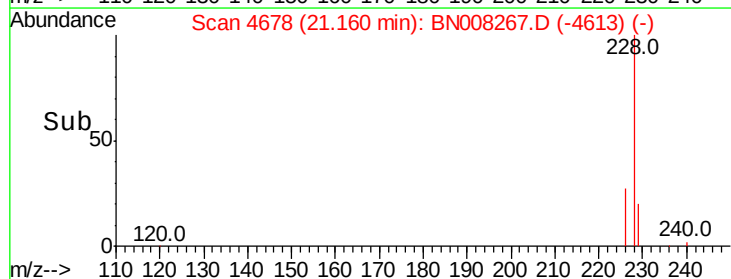
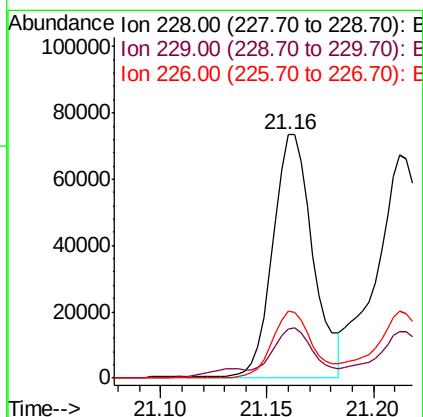
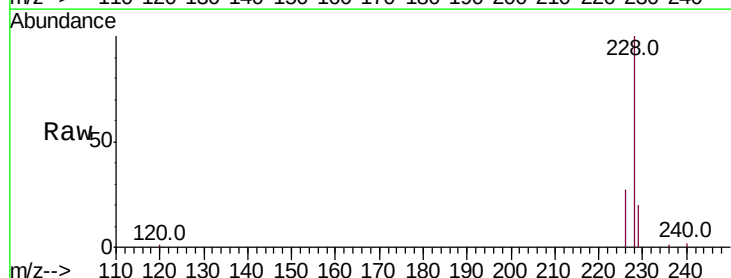
Instrument :
BNA_N
ClientSampleId :
BEPC9DL

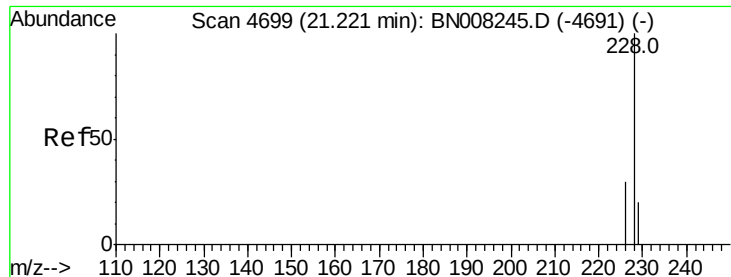
Tot Ion:202 Resp: 232281
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 10.8 8.7 13.1



#18
Benzo(a)anthracene
Concen: 1.530 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:228 Resp: 95384
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.2 21.4 32.0





#19

Chrysene

Concen: 1.381 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.01 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

Instrument :

BNA_N

ClientSampleId :

BEPC9DL

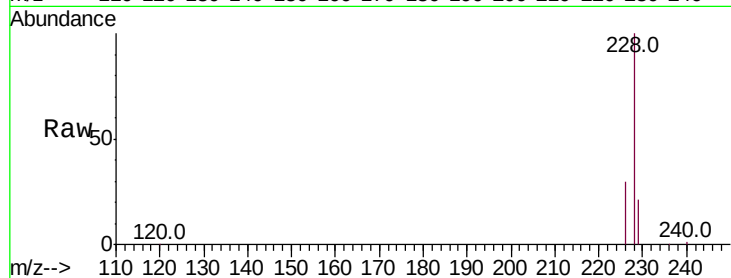
Tot Ion:228 Resp: 105650

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

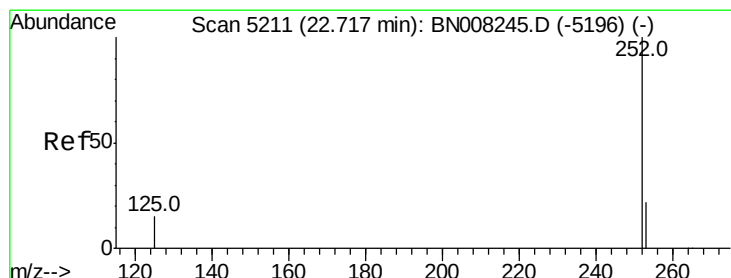
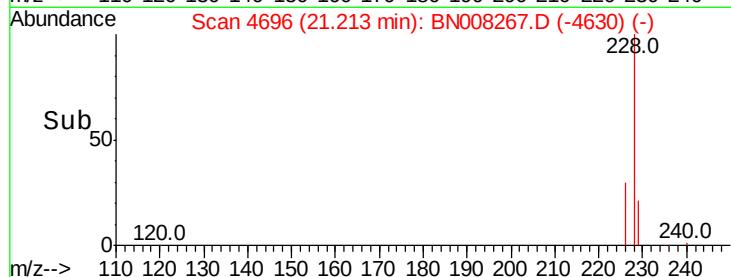
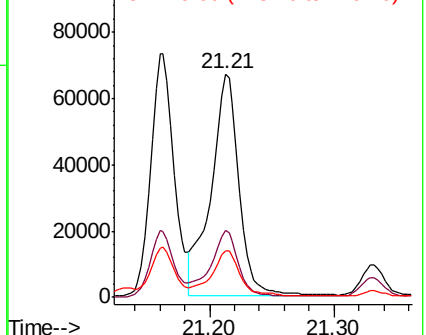
229 21.0 16.2 24.2



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: 3.375 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.01 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

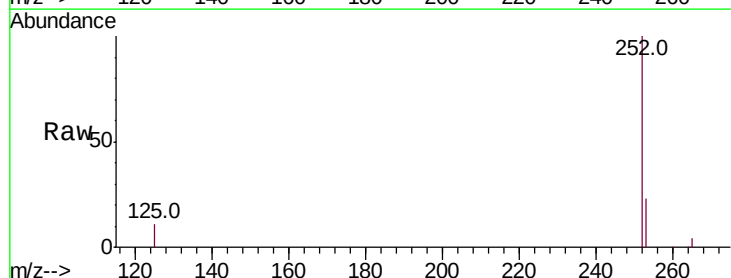
Tgt Ion:252 Resp: 163694

Ion Ratio Lower Upper

252 100

253 22.8 0.0 53.4

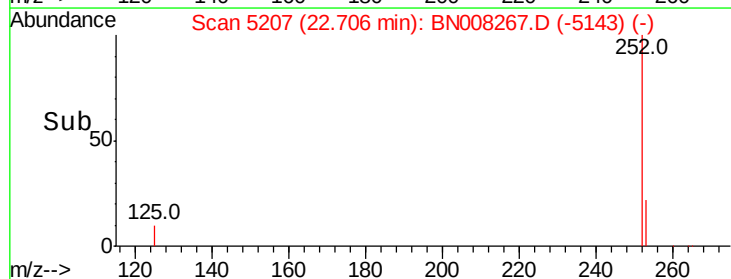
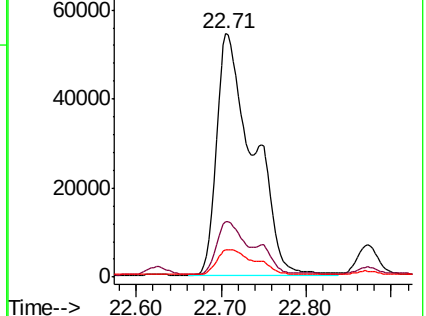
125 11.2 0.0 32.4

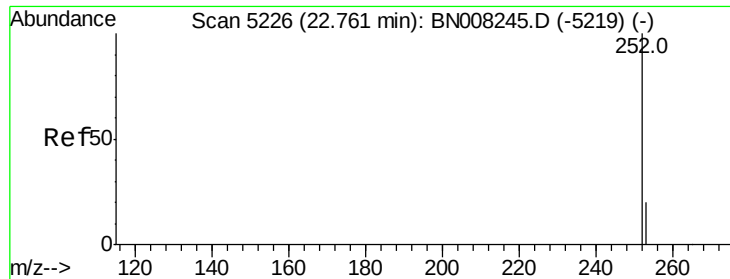


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.980 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.06 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

Instrument :

BNA_N

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BEPC9DL

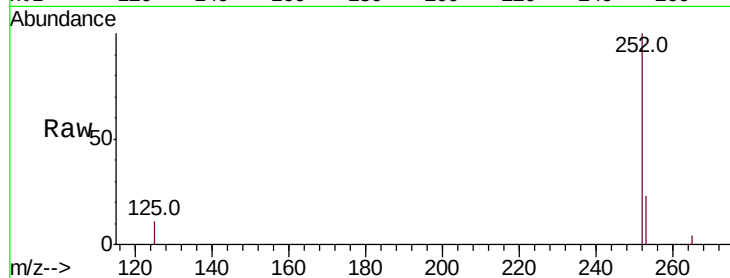
Tot Ion:252 Resp: 163729

Ion Ratio Lower Upper

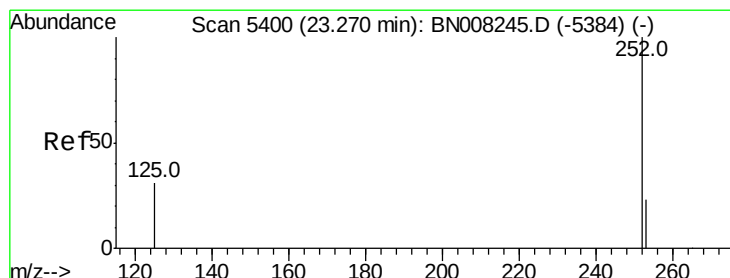
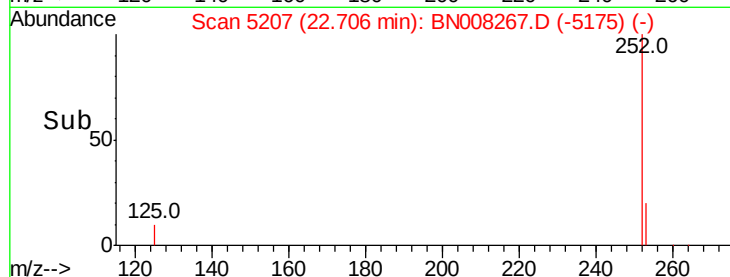
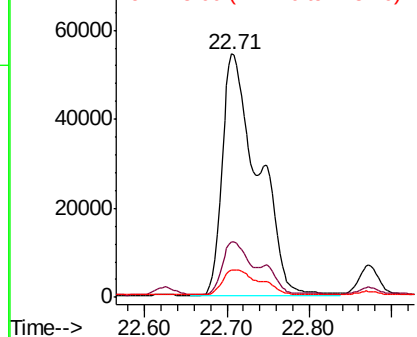
252 100

253 22.8 21.3 31.9

125 11.2 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: 1.455 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

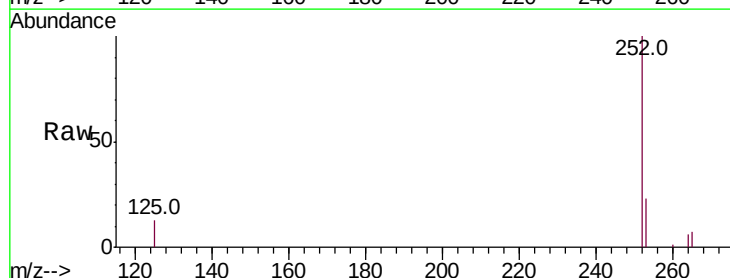
Tgt Ion:252 Resp: 74245

Ion Ratio Lower Upper

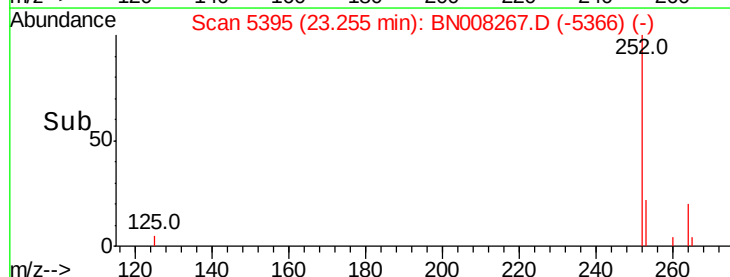
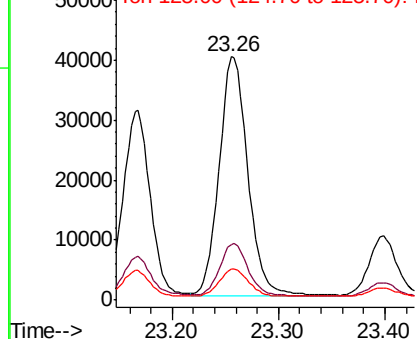
252 100

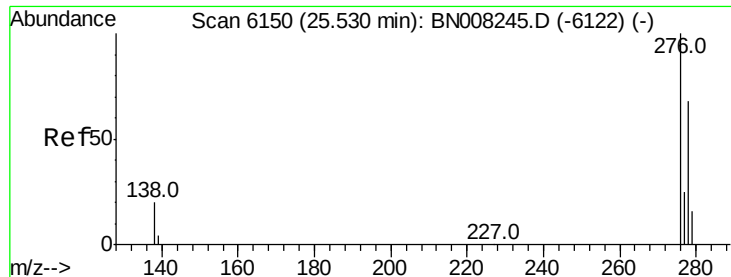
253 23.0 22.8 34.2

125 12.7 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



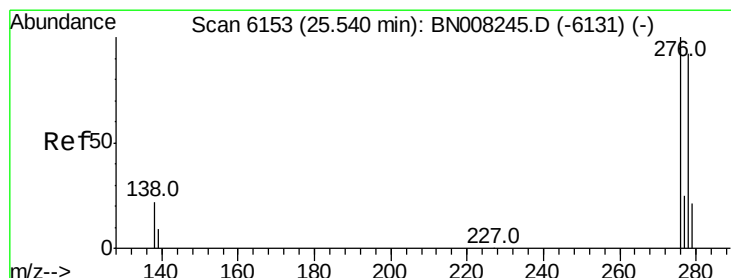
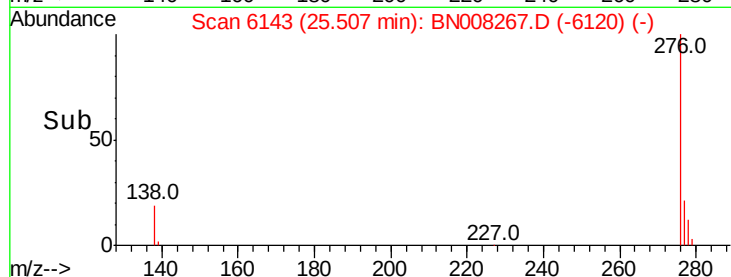
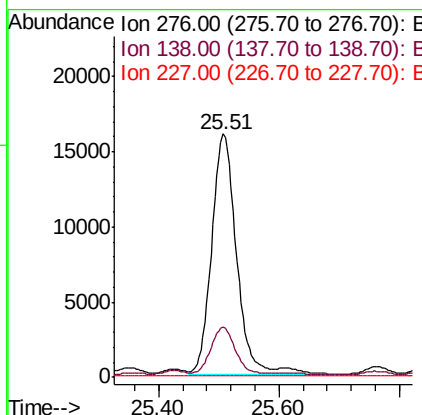
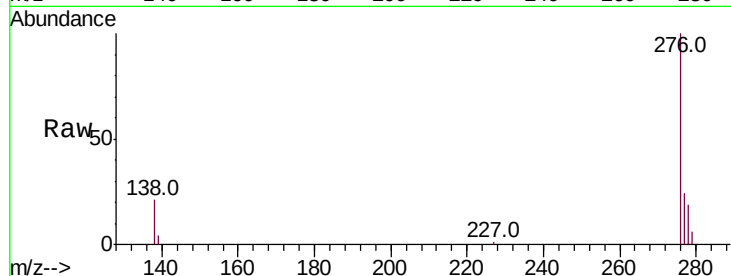


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.765 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Instrument :
BNA_N
ClientSampleId :
BEPC9DL

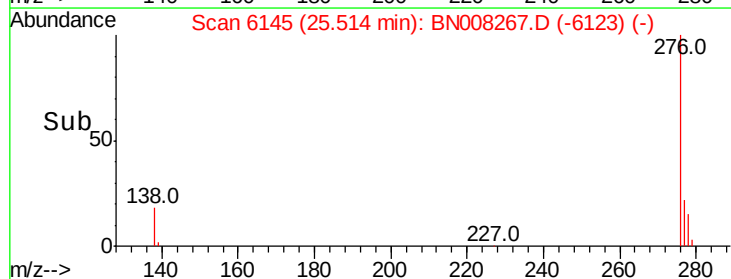
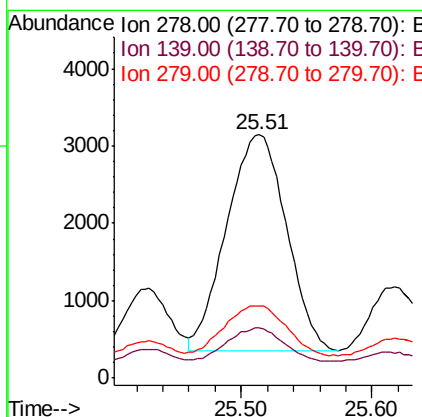
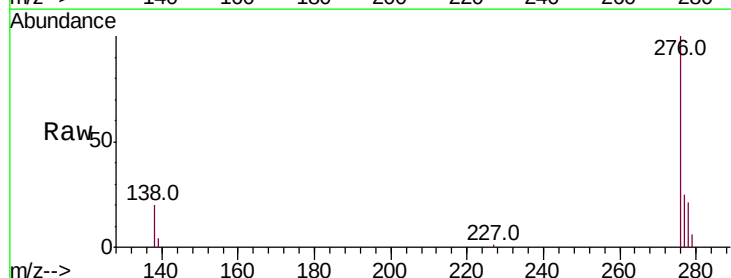
Tot Ion:276 Resp: 45965
Ion Ratio Lower Upper
276 100
138 18.7 16.1 24.1
227 0.2 0.2 0.2

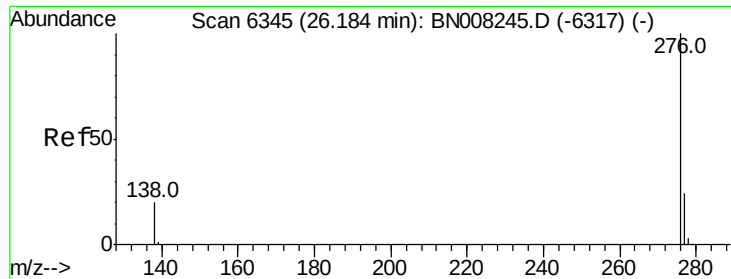


#25

Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.03 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:278 Resp: 8816
Ion Ratio Lower Upper
278 100
139 20.7 15.0 22.6
279 29.8 22.4 33.6





#26

Benzo(a,h,i)perylene

Concen: 0.734 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.02 min

Lab File: BN008267.D

Acq: 19 Oct 2019 13:28

Instrument :

BNA_N

ClientSampleId :

BEPC9DL

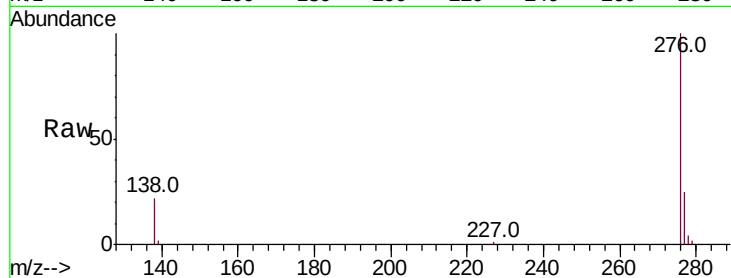
Tot Ion:276 Resp: 40440

Ion Ratio Lower Upper

276 100

138 21.6 17.0 25.4

277 24.5 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

