

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008268.D
 Acq On : 19 Oct 2019 14:04
 Operator : JU
 Sample : K5177-14DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6DL

Quant Time: Oct 19 20:51:58 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	1980	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	9574	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6430	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14069	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14513	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13886	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	437	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1507	0.03	ng/ul	0.00

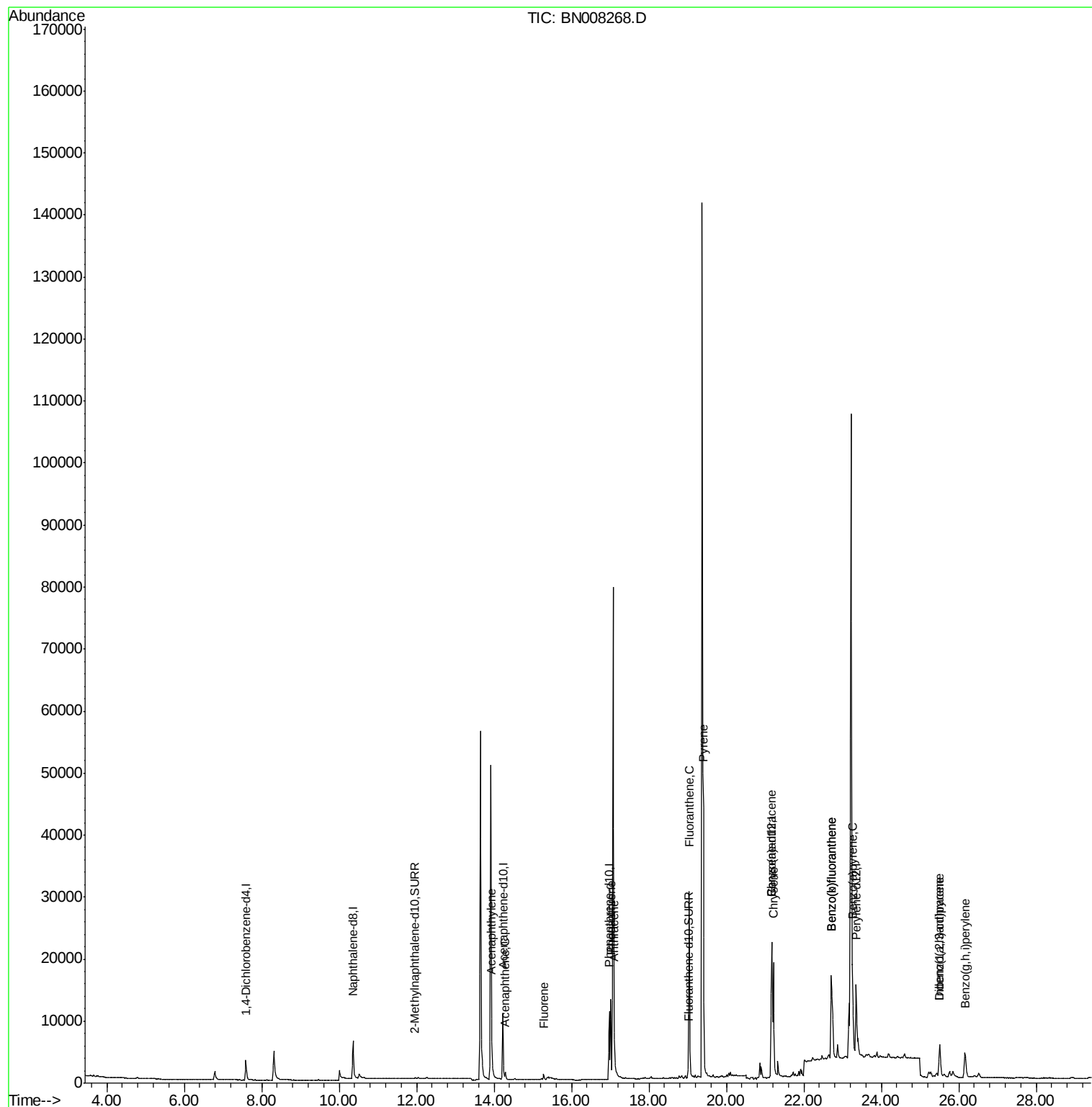
Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	875	0.029	ng/ul#	80
8) Acenaphthene	14.29	153	718	0.030	ng/ul	95
9) Fluorene	15.28	166	687	0.025	ng/ul#	95
12) Phenanthrene	17.02	178	14564	0.354	ng/ul	100
13) Anthracene	17.11	178	2537	0.070	ng/ul#	92
15) Fluoranthene	19.04	202	27702	0.509	ng/ul	97
17) Pyrene	19.40	202	33798	0.585	ng/ul	99
18) Benzo(a)anthracene	21.16	228	18070	0.342	ng/ul	97
19) Chrysene	21.22	228	19298	0.298	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	30400	0.673	ng/ul	98
22) Benzo(k)fluoranthene	22.71	252	30423	0.594	ng/ul#	97
23) Benzo(a)pyrene	23.26	252	15616	0.328	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.51	276	8946	0.160	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.51	278	2028	0.046	ng/ul#	65
26) Benzo(g,h,i)perylene	26.16	276	8556	0.167	ng/ul	95

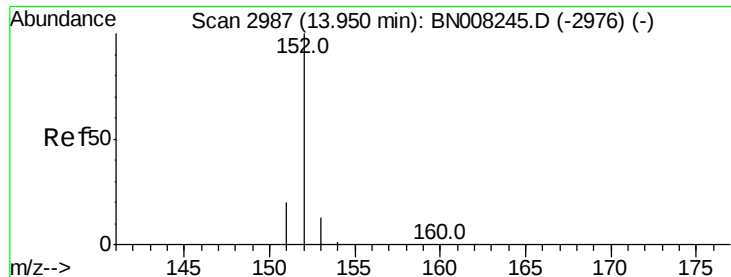
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

ClientSampleId :

BEPC6DL

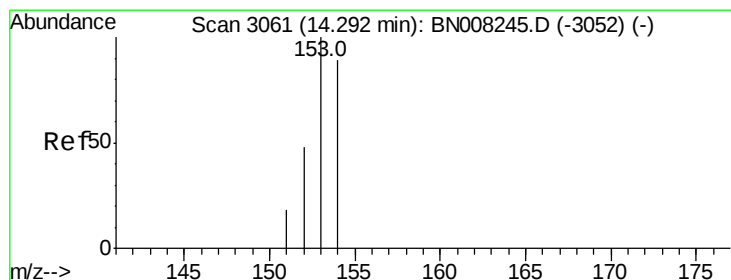
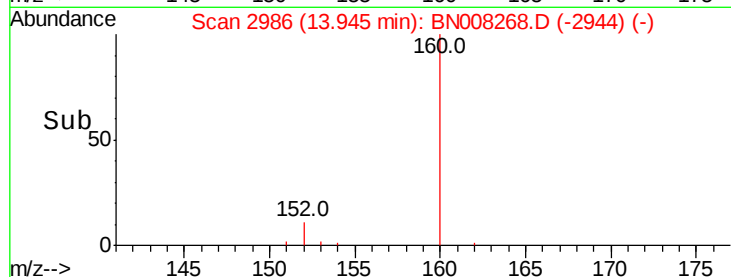
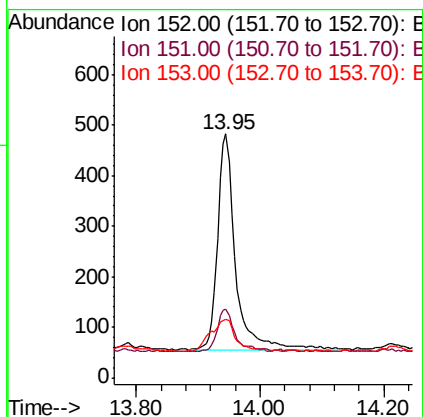
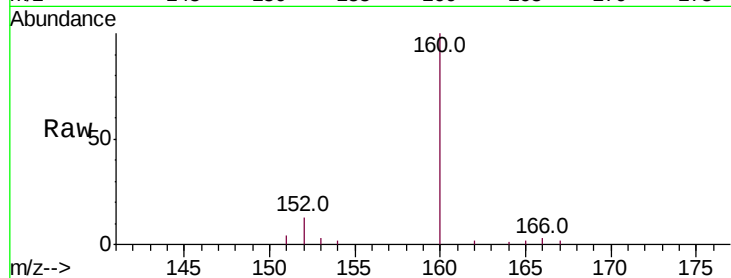
Tot Ion:152 Resp: 875

Ion Ratio Lower Upper

152 100

151 28.2 16.2 24.4#

153 24.0 11.0 16.4#



#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 14.29 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

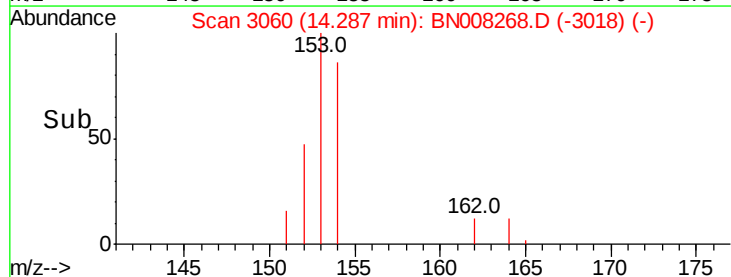
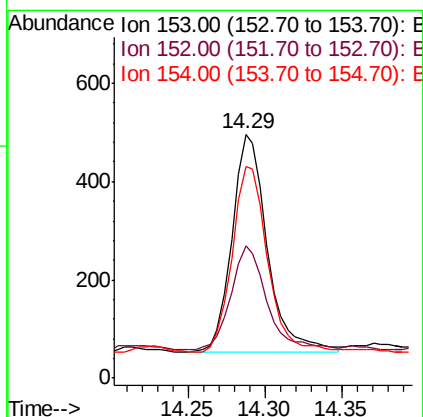
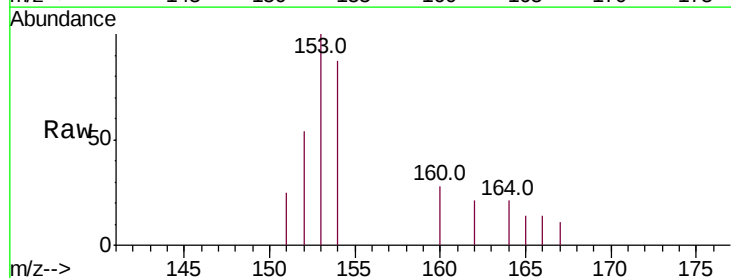
Tgt Ion:153 Resp: 718

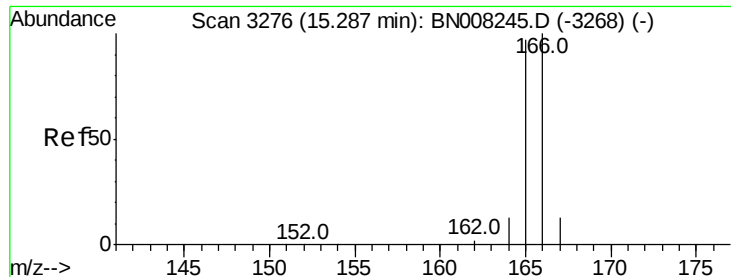
Ion Ratio Lower Upper

153 100

152 54.0 38.2 57.2

154 86.9 71.8 107.8





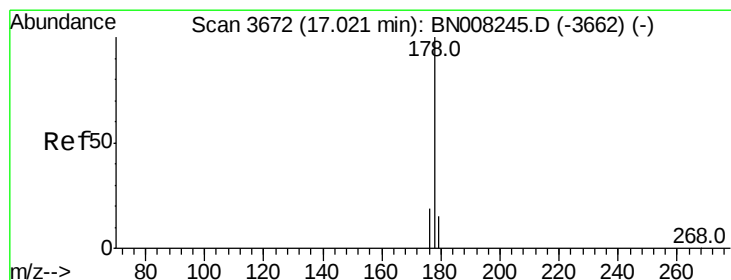
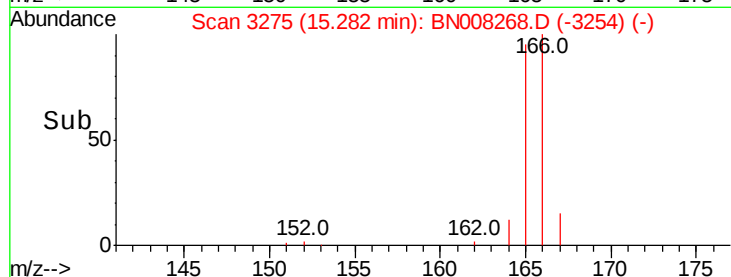
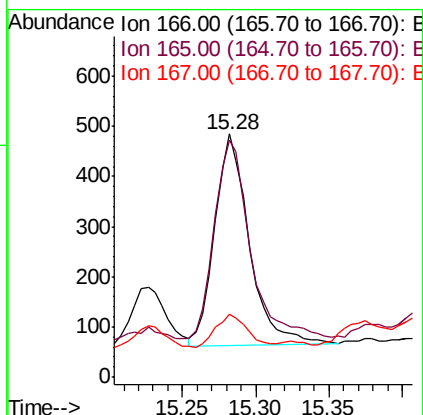
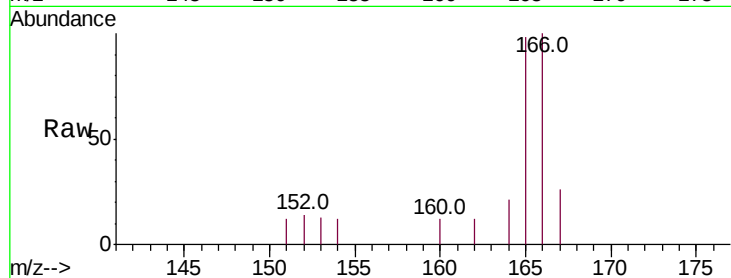
#9

Fluorene

Concen: 0.025 ng/ul
 RT: 15.28 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: BN008268.D
 Acq: 19 Oct 2019 14:04

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6DL

Tot Ion:166 Resp: 687
 Ion Ratio Lower Upper
 166 100
 165 97.5 76.6 115.0
 167 25.8 11.7 17.5#

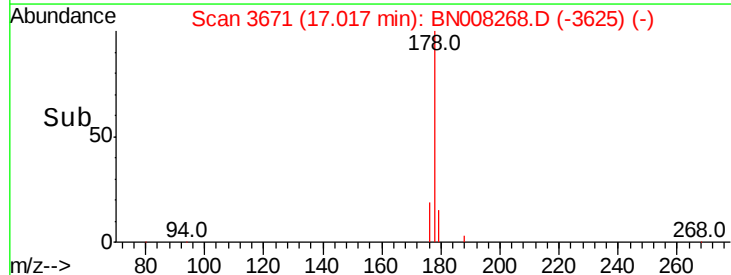
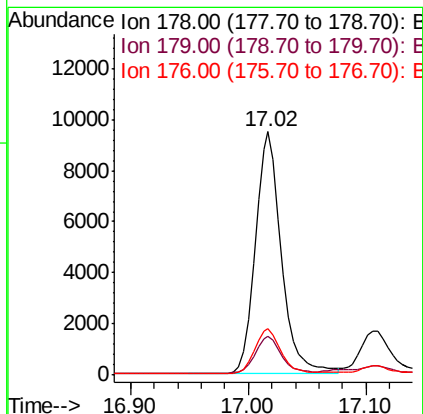
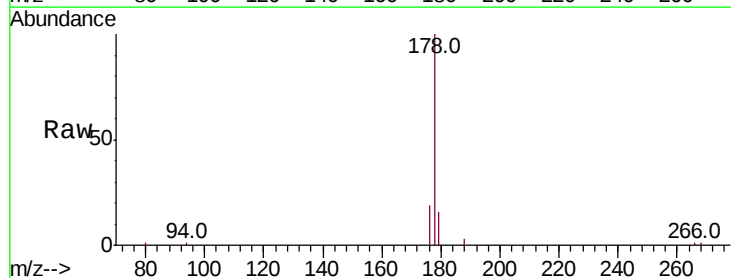


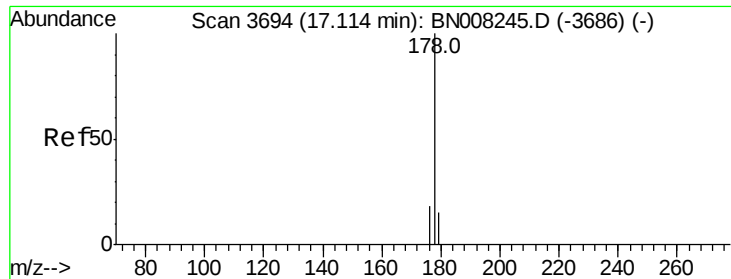
#12

Phenanthrene

Concen: 0.354 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN008268.D
 Acq: 19 Oct 2019 14:04

Tgt Ion:178 Resp: 14564
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.8 19.2
 176 19.3 15.4 23.2





#13

Anthracene

Concen: 0.070 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

ClientSampleId :

BEPC6DL

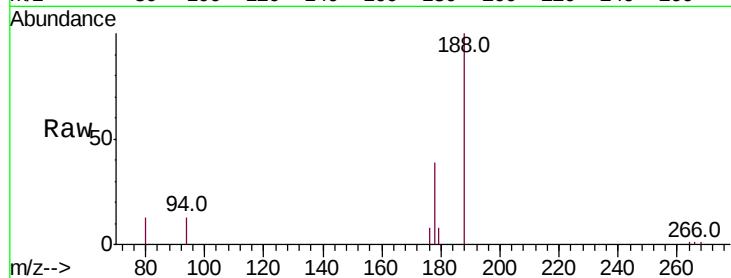
Tot Ion:178 Resp: 2537

Ion Ratio Lower Upper

178 100

179 20.6 13.0 19.6#

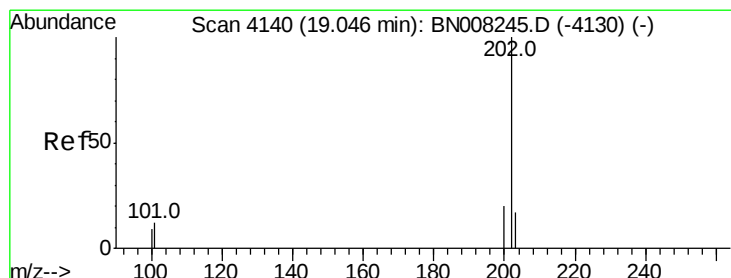
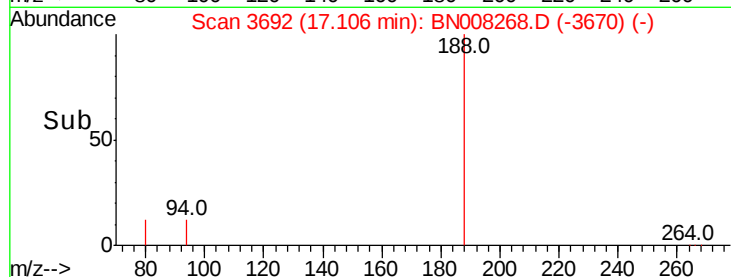
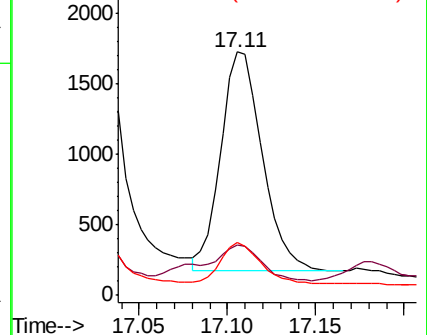
176 21.5 15.0 22.6



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: 0.509 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

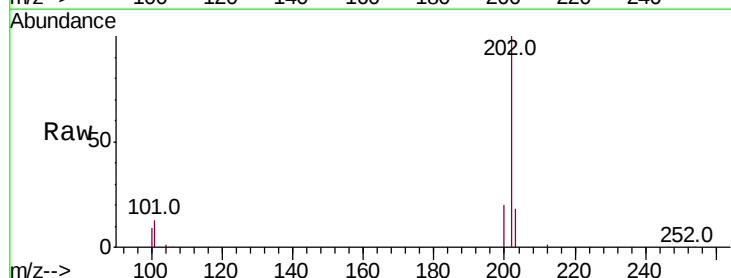
Tgt Ion:202 Resp: 27702

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.2

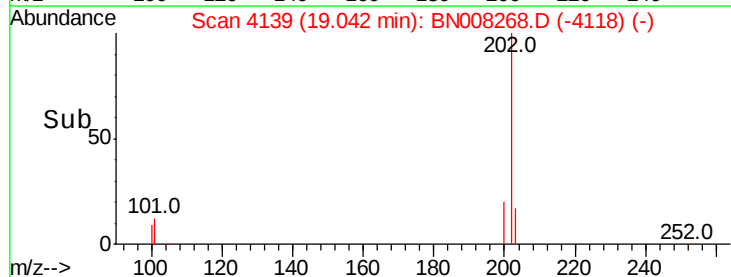
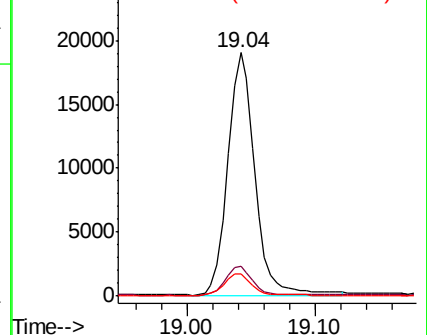
100 9.4 0.0 28.5

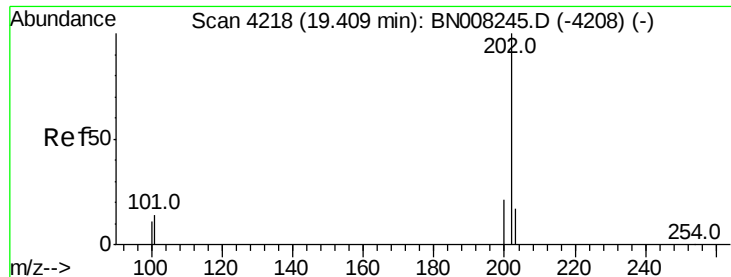


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

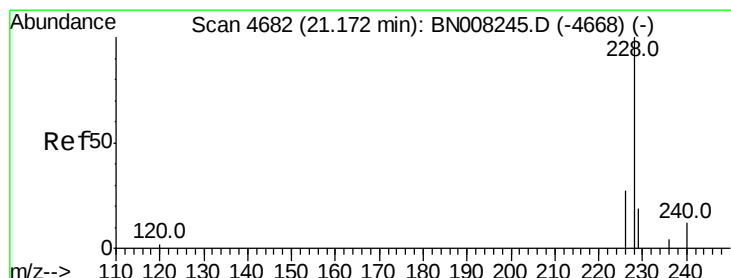
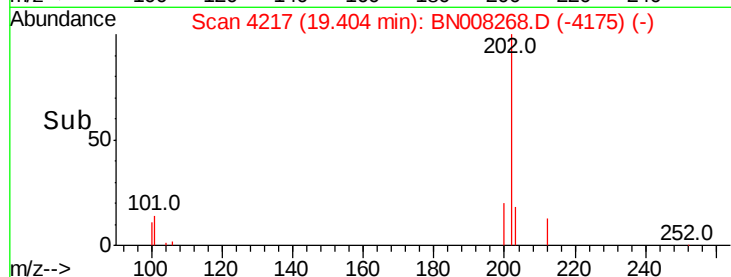
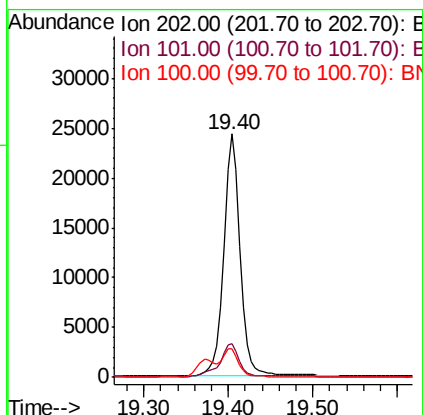
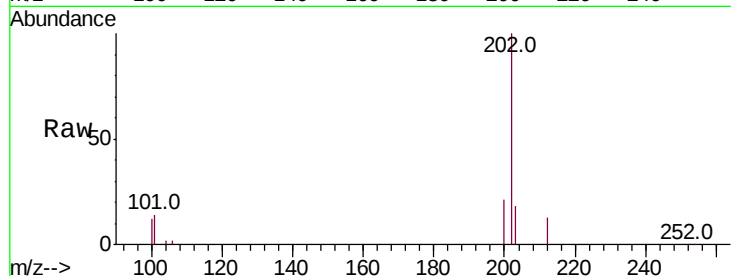




#17
Pvrene
Concen: 0.585 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008268.D
Acq: 19 Oct 2019 14:04

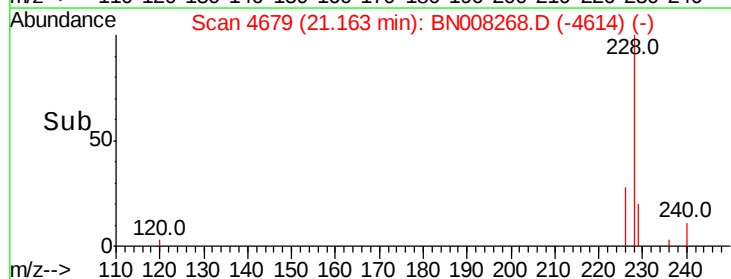
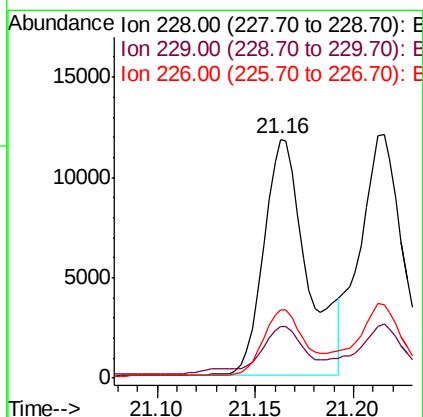
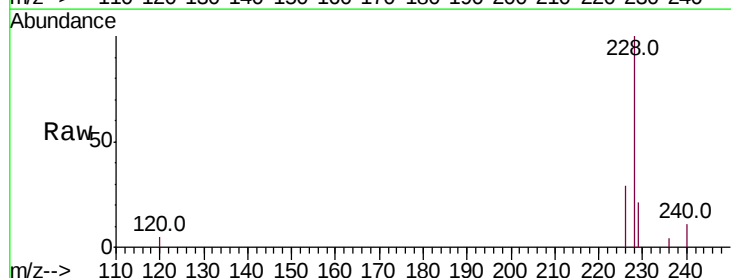
Instrument :
BNA_N
ClientSampleId :
BEPC6DL

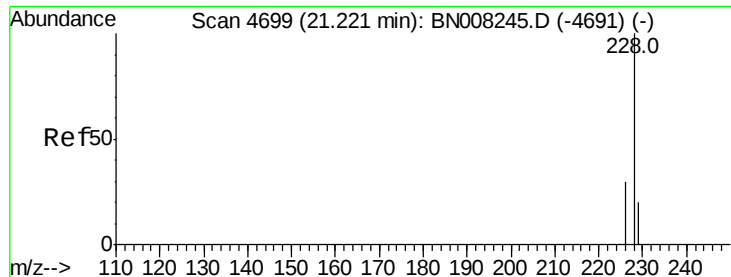
Tot Ion:202 Resp: 33798
Ion Ratio Lower Upper
202 100
101 14.0 10.9 16.3
100 11.6 8.7 13.1



#18
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008268.D
Acq: 19 Oct 2019 14:04

Tgt Ion:228 Resp: 18070
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.5 21.4 32.0





#19

Chrysene

Concen: 0.298 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

ClientSampleId :

BEPC6DL

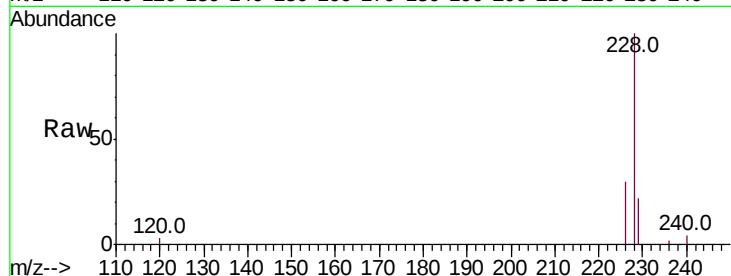
Tot Ion:228 Resp: 19298

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

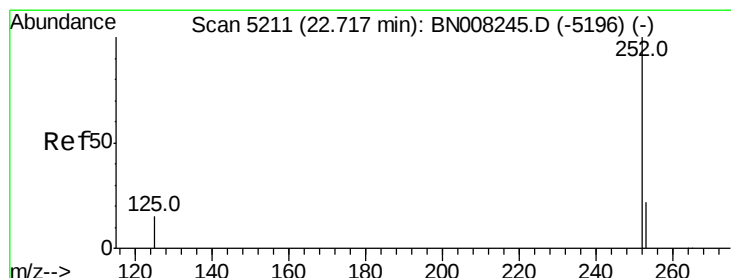
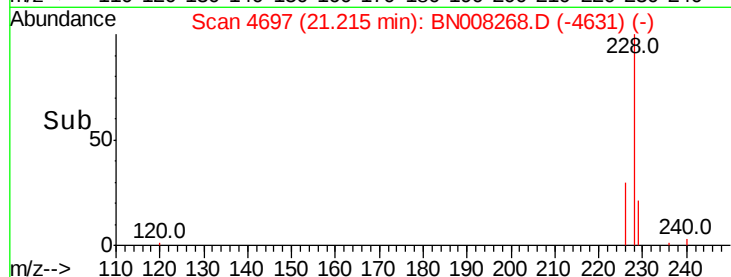
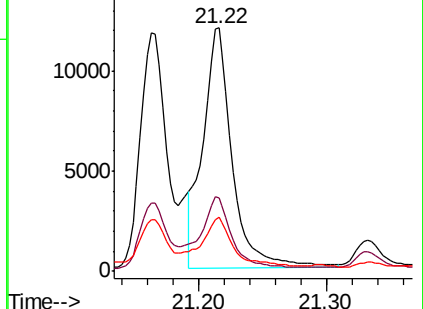
229 22.1 16.2 24.2



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: 0.673 ng/ul

RT: 22.71 min Scan# 5209

Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

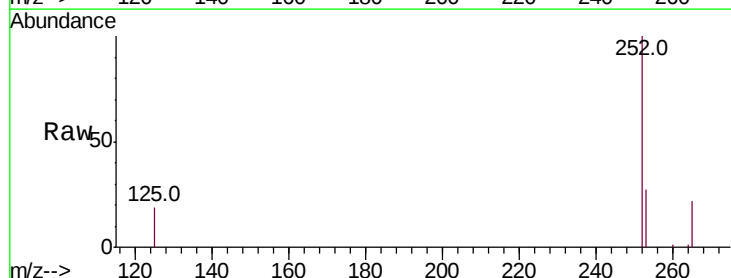
Tgt Ion:252 Resp: 30400

Ion Ratio Lower Upper

252 100

253 26.6 0.0 53.4

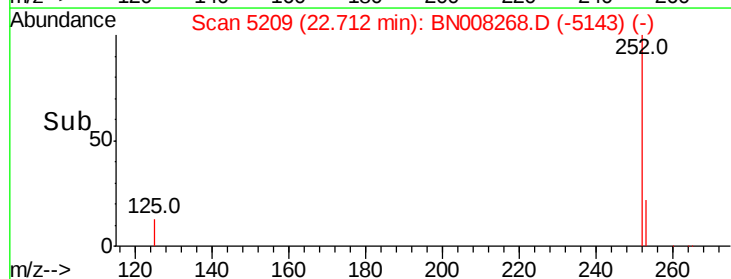
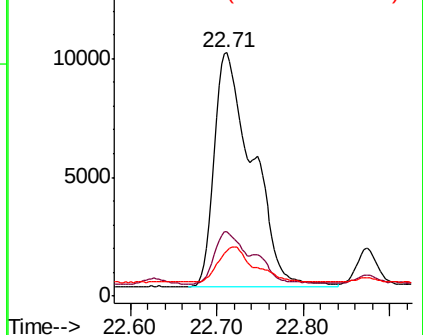
125 18.5 0.0 32.4

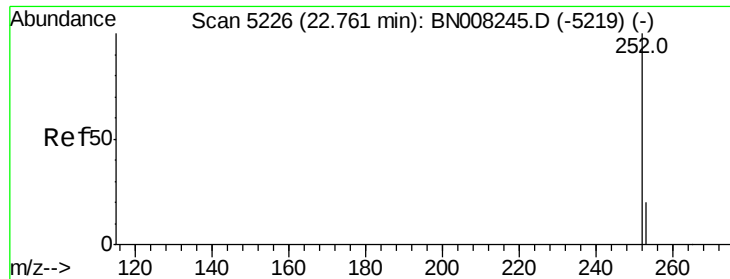


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.594 ng/ul

RT: 22.71 min Scan# 5209

Delta R.T. -0.05 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

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BEPC6DL

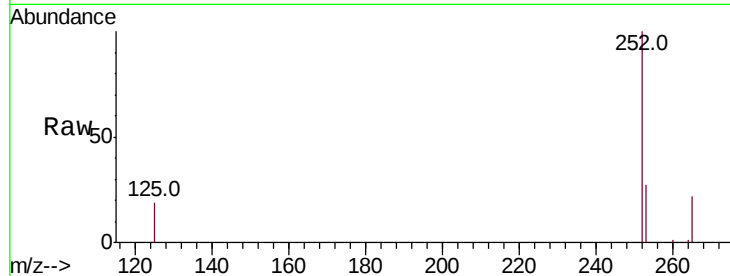
Tot Ion:252 Resp: 30423

Ion Ratio Lower Upper

252 100

253 26.6 21.3 31.9

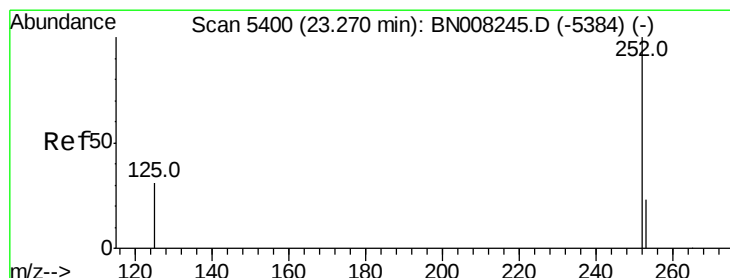
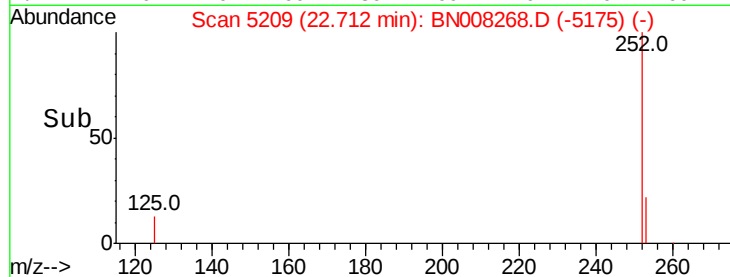
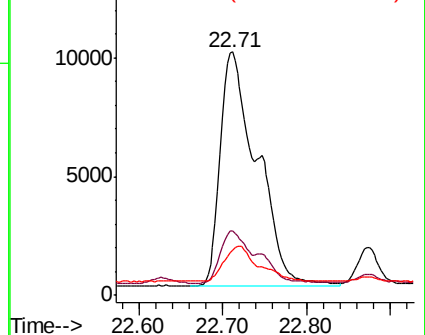
125 18.5 12.3 18.5#



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: 0.328 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

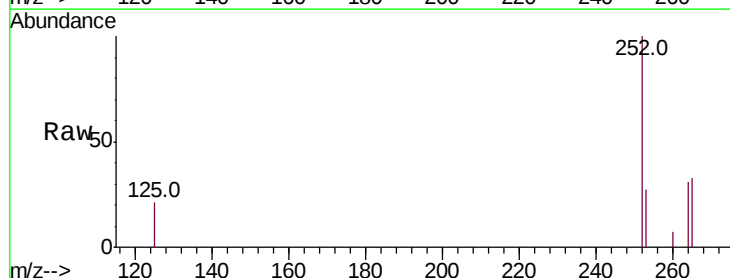
Tgt Ion:252 Resp: 15616

Ion Ratio Lower Upper

252 100

253 27.2 22.8 34.2

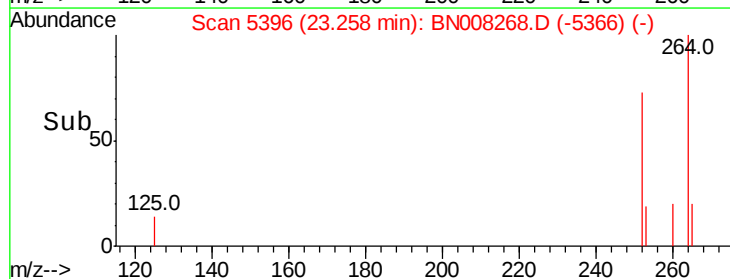
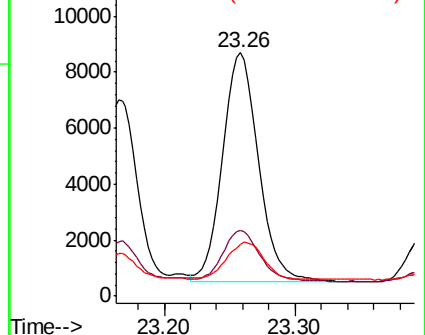
125 21.1 18.4 27.6

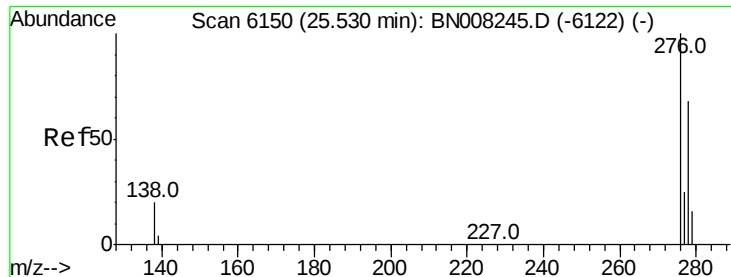


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

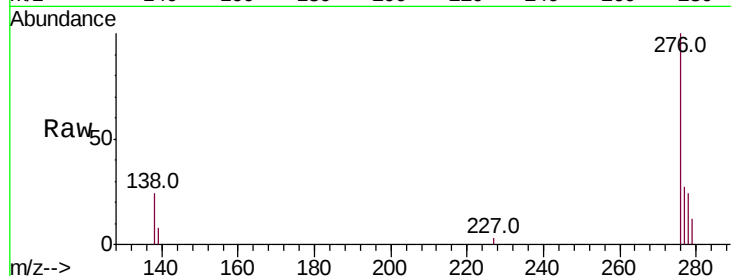




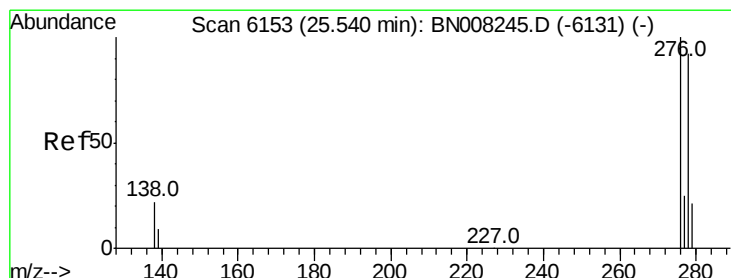
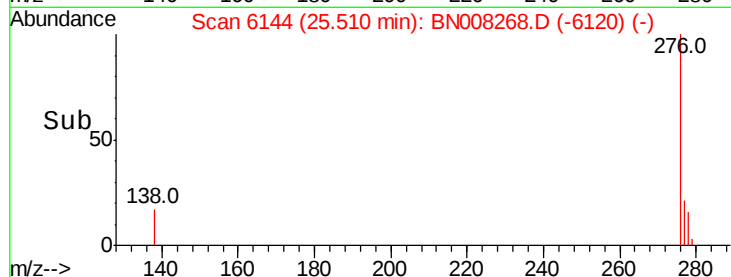
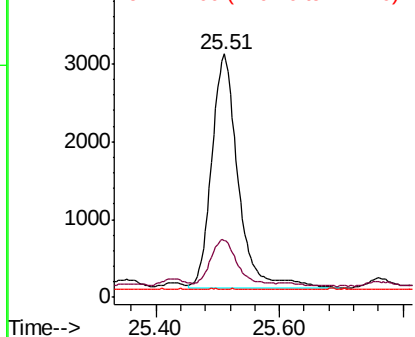
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.160 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. -0.02 min
 Lab File: BN008268.D
 Acq: 19 Oct 2019 14:04

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6DL

Tot Ion:276 Resp: 8946
 Ion Ratio Lower Upper
 276 100
 138 21.2 16.1 24.1
 227 0.0 0.2 0.2#

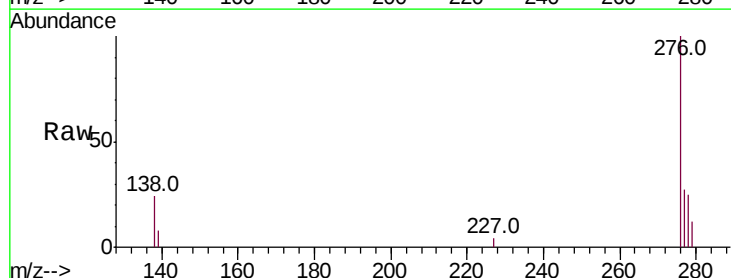


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

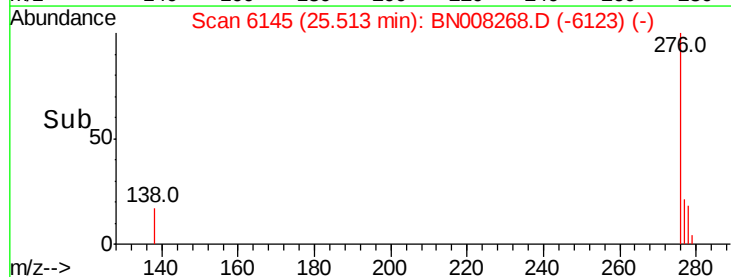
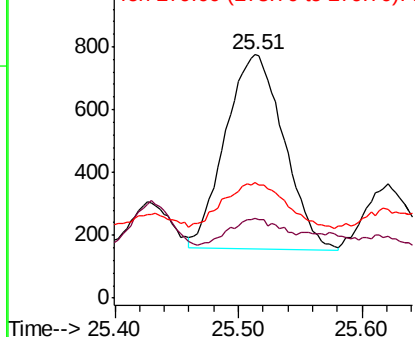


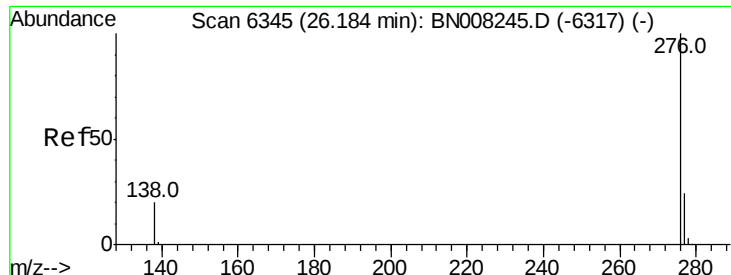
#25
 Dibenzo(a,h)anthracene
 Concen: 0.046 ng/ul
 RT: 25.51 min Scan# 6145
 Delta R.T. -0.03 min
 Lab File: BN008268.D
 Acq: 19 Oct 2019 14:04

Tgt Ion:278 Resp: 2028
 Ion Ratio Lower Upper
 278 100
 139 32.6 15.0 22.6#
 279 47.7 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: 0.167 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.02 min

Lab File: BN008268.D

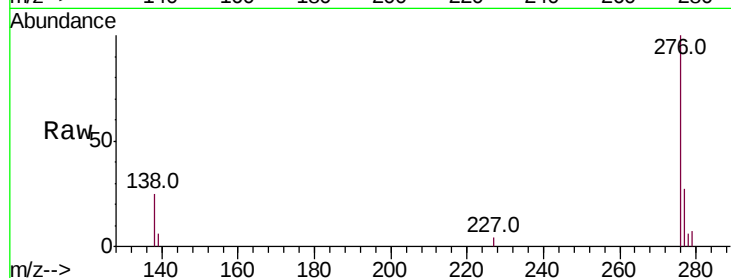
Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

ClientSampleId :

BEPC6DL



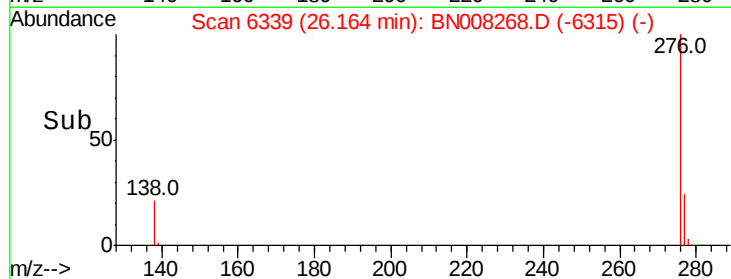
Tot Ion:276 Resp: 8556

Ion Ratio Lower Upper

276 100

138 24.9 17.0 25.4

277 27.0 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

