

Data File : BN008254.D
Acq On : 18 Oct 2019 19:11
Operator : JU
Sample : K5178-09DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

Quant Time: Oct 18 23:50:04 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	3031	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	14409	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9088	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	18444	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	17533	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	15882	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	361	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1035	0.02	ng/ul	0.00

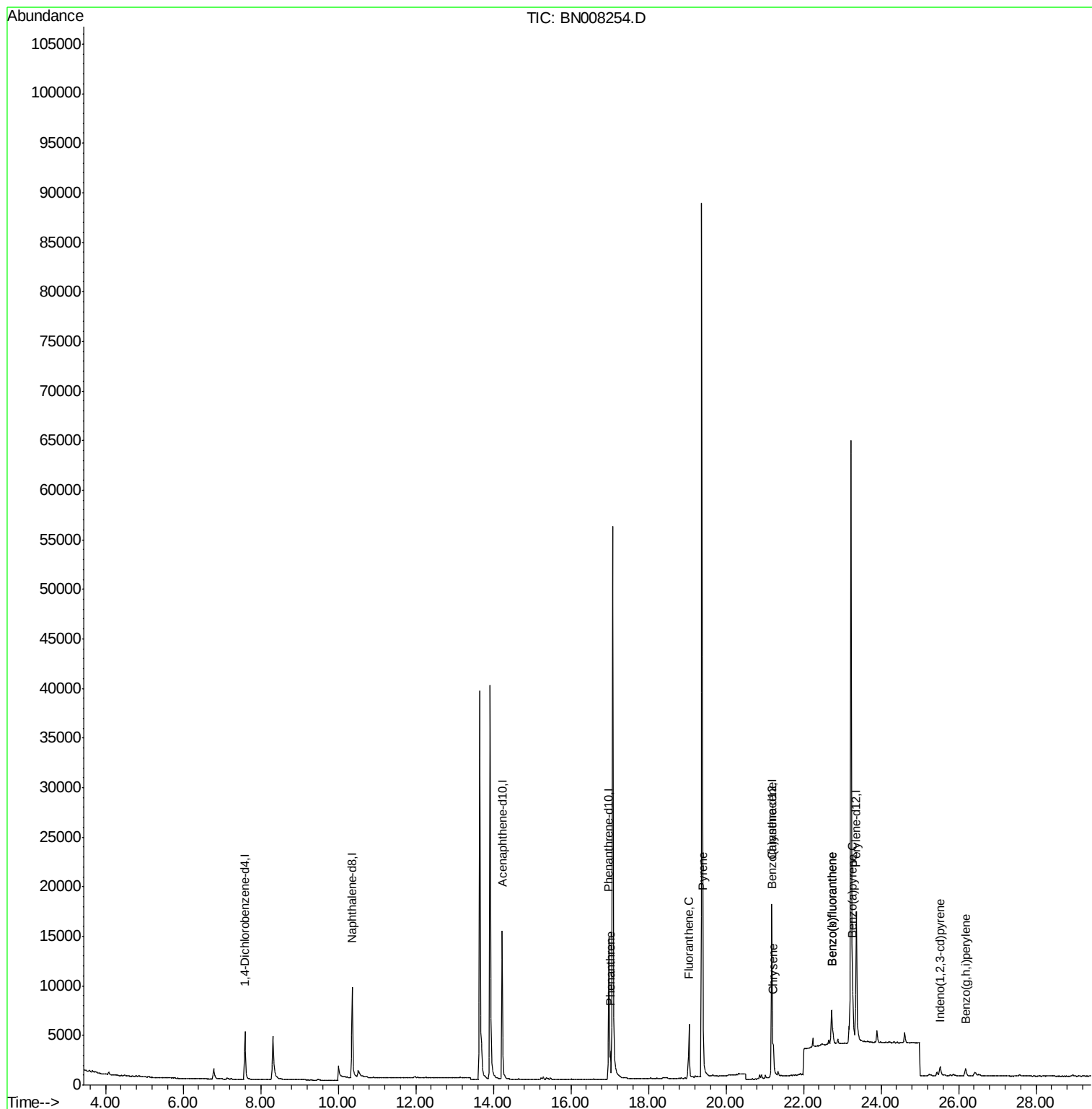
Target Compounds					Qvalue	
12) Phenanthrene	17.02	178	2876	0.053	ng/ul#	93
15) Fluoranthene	19.05	202	5406	0.076	ng/ul	94
17) Pyrene	19.41	202	5514	0.079	ng/ul#	94
18) Benzo(a)anthracene	21.17	228	3139	0.049	ng/ul#	90
19) Chrysene	21.22	228	3064	0.039	ng/ul#	92
21) Benzo(b)fluoranthene	22.72	252	6503	0.126	ng/ul#	52
22) Benzo(k)fluoranthene	22.72	252	6503	0.111	ng/ul#	51
23) Benzo(a)pyrene	23.27	252	2647	0.049	ng/ul#	24
24) Indeno(1,2,3-cd)pyrene	25.52	276	1518	0.024	ng/ul#	93
26) Benzo(g,h,i)perylene	26.18	276	1614	0.027	ng/ul#	67

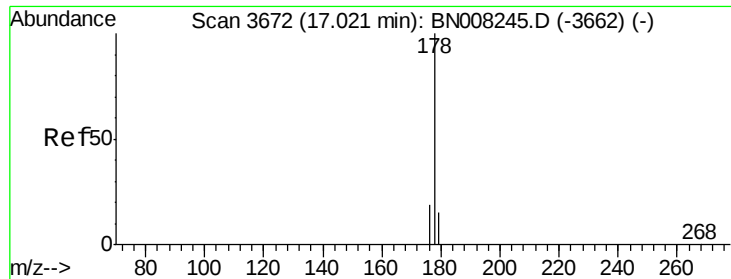
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.053 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

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BEPF2DL

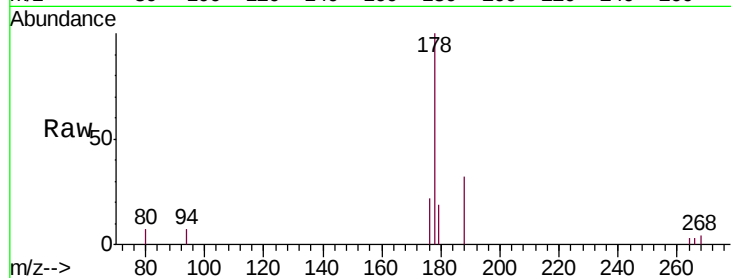
Tgt Ion:178 Resp: 2876

Ion Ratio Lower Upper

178 100

179 19.4 12.8 19.2#

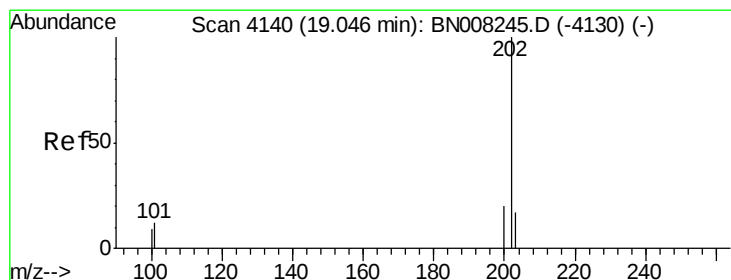
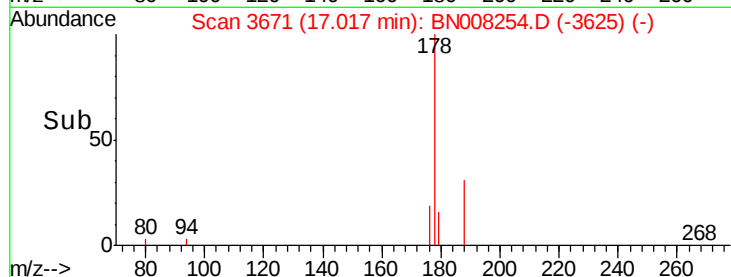
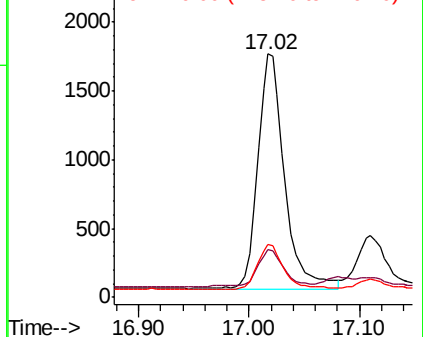
176 21.7 15.4 23.2



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



#15

Fluoranthene

Concen: 0.076 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. 0.00 min

Lab File: BN008254.D

Acq: 18 Oct 2019 19:11

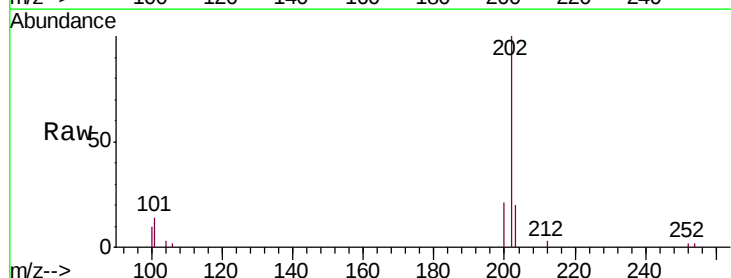
Tgt Ion:202 Resp: 5406

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.2

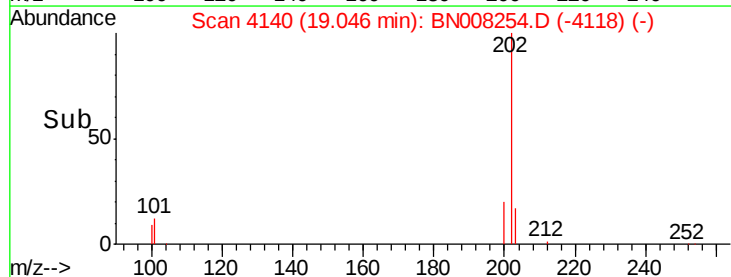
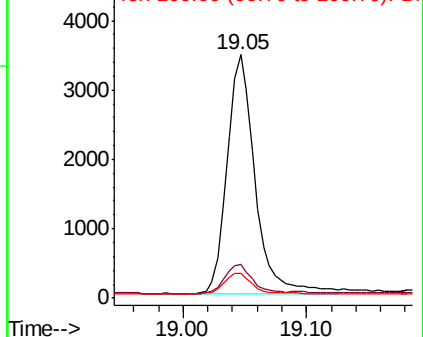
100 10.3 0.0 28.5

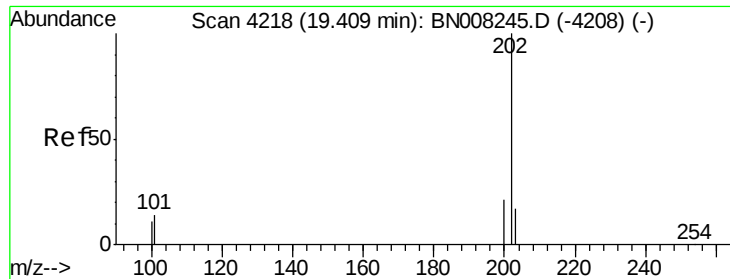


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

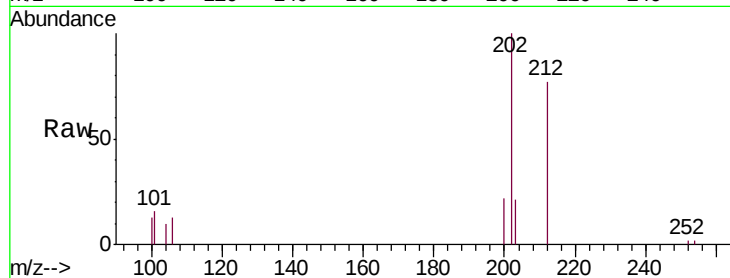




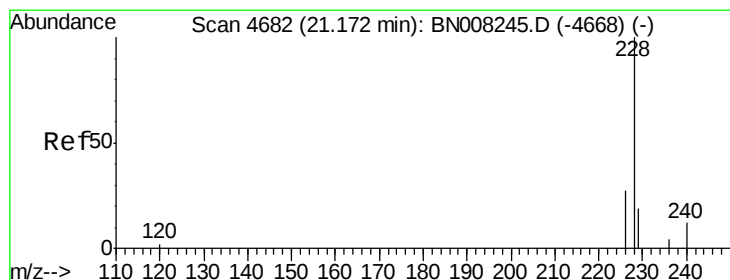
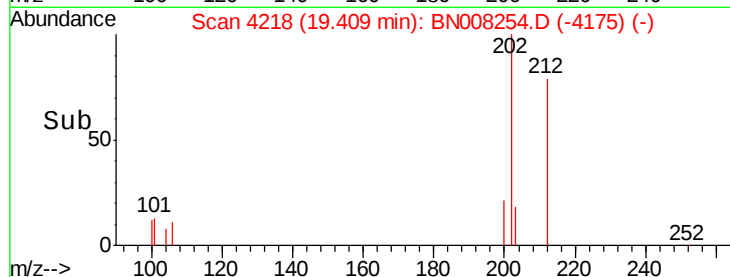
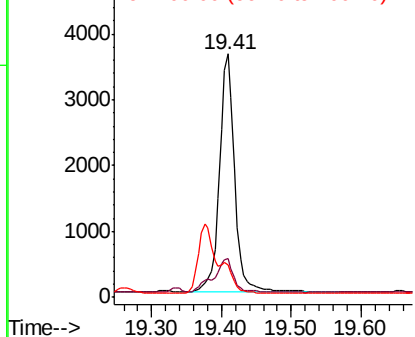
#17
 Pyrene
 Concen: 0.079 ng/ul
 RT: 19.41 min Scan# 4218
 Delta R.T. 0.00 min
 Lab File: BN008254.D
 Acq: 18 Oct 2019 19:11

Instrument :
 BNA_N
 ClientSampleId :
 BEPF2DL

Tgt Ion:202 Resp: 5514
 Ion Ratio Lower Upper
 202 100
 101 15.7 10.9 16.3
 100 13.2 8.7 13.1#

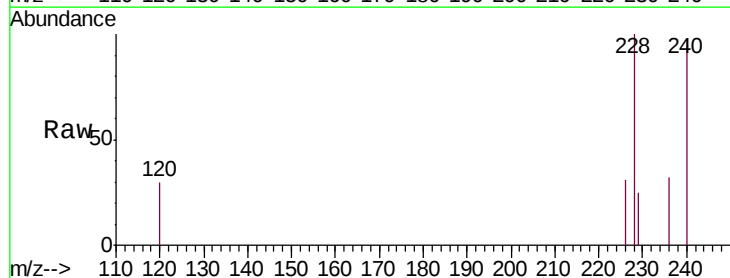


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

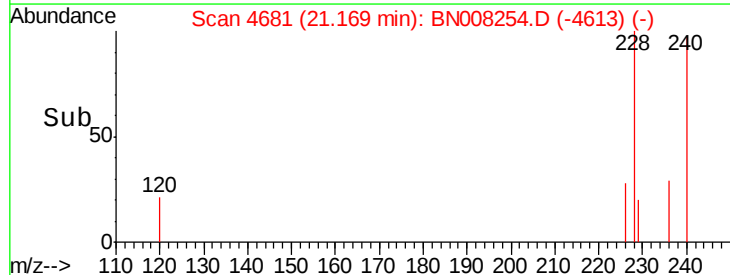
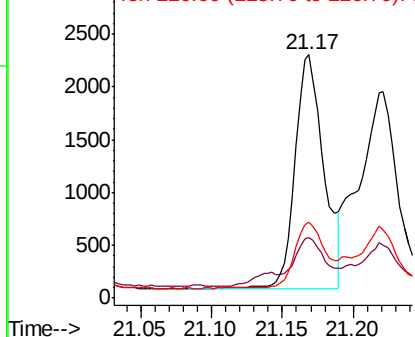


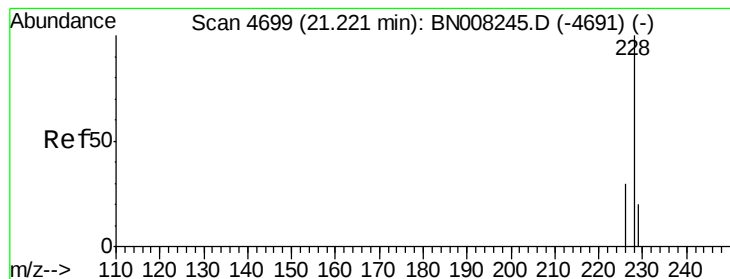
#18
 Benzo(a)anthracene
 Concen: 0.049 ng/ul
 RT: 21.17 min Scan# 4681
 Delta R.T. -0.00 min
 Lab File: BN008254.D
 Acq: 18 Oct 2019 19:11

Tgt Ion:228 Resp: 3139
 Ion Ratio Lower Upper
 228 100
 229 25.0 16.2 24.2#
 226 31.3 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: 0.039 ng/ul

RT: 21.22 min Scan# 4699

Delta R.T. 0.00 min

Lab File: BN008254.D

Acq: 18 Oct 2019 19:11

Instrument :

BNA_N

ClientSampleId :

BEPF2DL

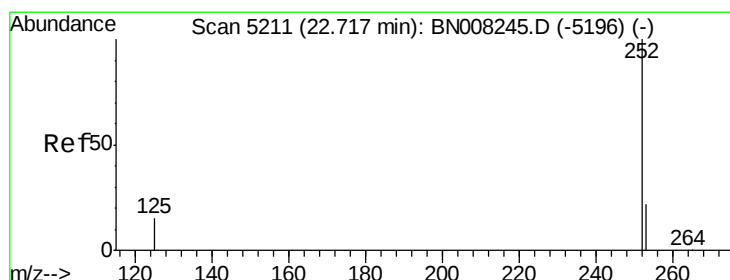
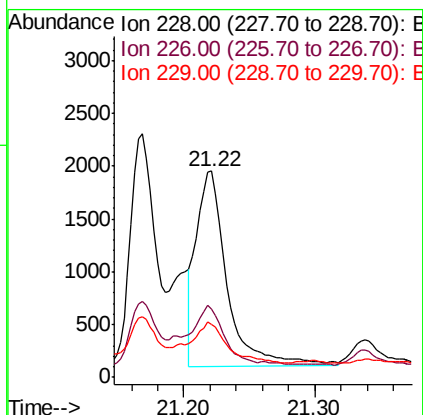
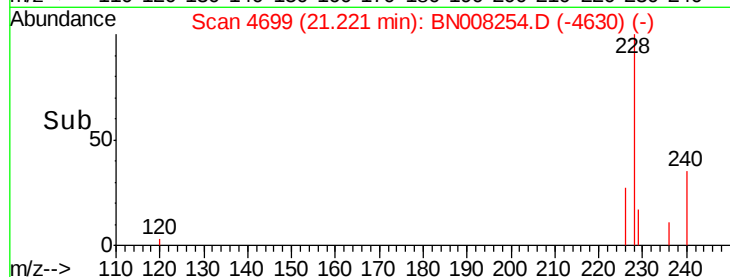
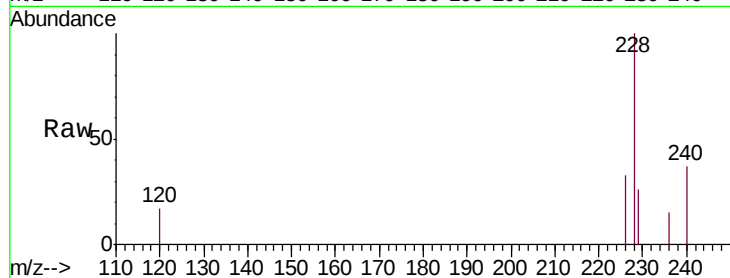
Tgt Ion:228 Resp: 3064

Ion Ratio Lower Upper

228 100

226 33.2 24.1 36.1

229 25.9 16.2 24.2#



#21

Benzo(b)fluoranthene

Concen: 0.126 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. 0.00 min

Lab File: BN008254.D

Acq: 18 Oct 2019 19:11

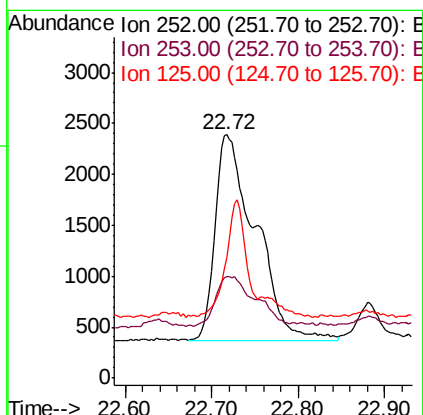
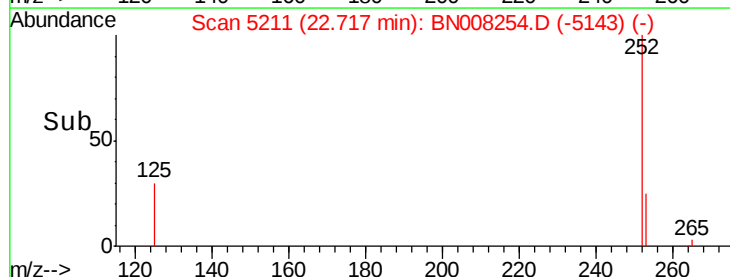
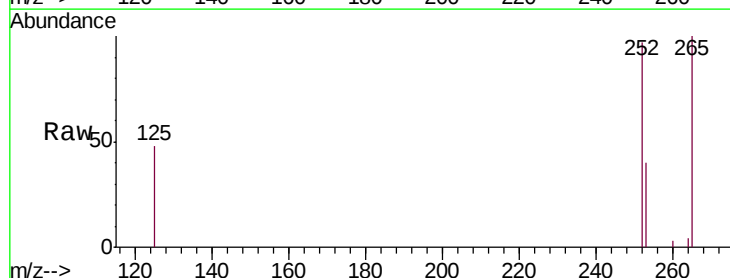
Tgt Ion:252 Resp: 6503

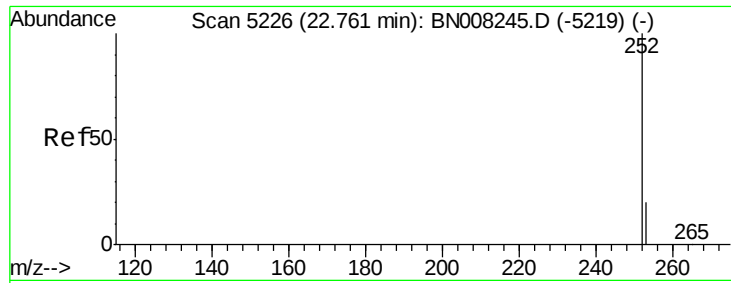
Ion Ratio Lower Upper

252 100

253 41.6 0.0 53.4

125 49.8 0.0 32.4#





#22

Benzo(k)fluoranthene

Concen: 0.111 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. -0.04 min

Lab File: BN008254.D

Acq: 18 Oct 2019 19:11

Instrument :

BNA_N

ClientSampleId :

BEPF2DL

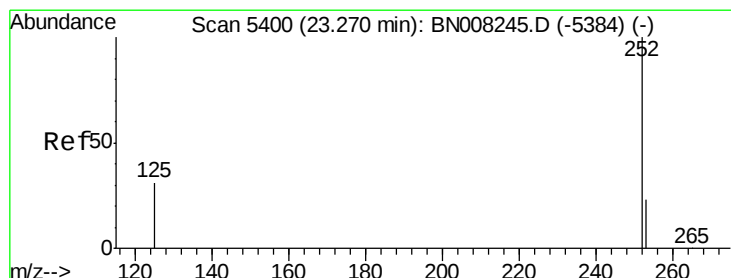
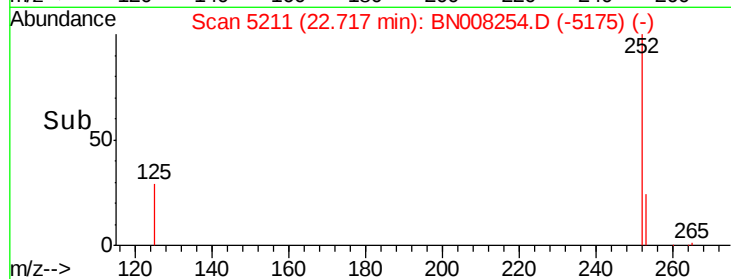
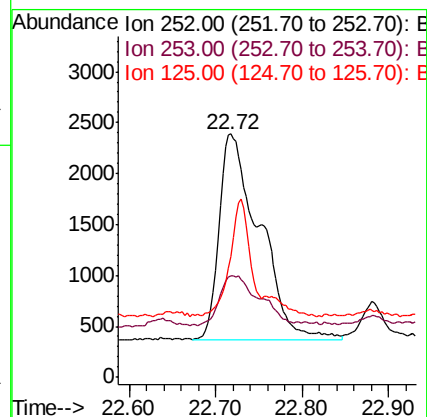
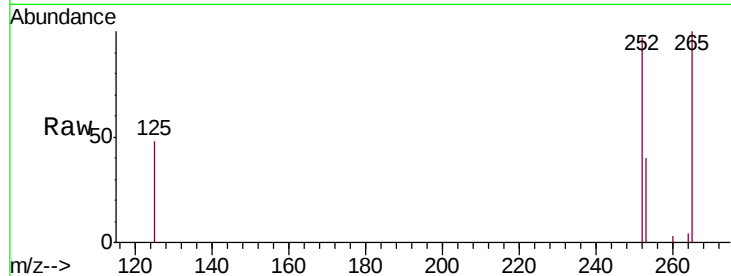
Tgt Ion:252 Resp: 6503

Ion Ratio Lower Upper

252 100

253 41.6 21.3 31.9#

125 49.8 12.3 18.5#



#23

Benzo(a)pyrene

Concen: 0.049 ng/ul

RT: 23.27 min Scan# 5399

Delta R.T. -0.00 min

Lab File: BN008254.D

Acq: 18 Oct 2019 19:11

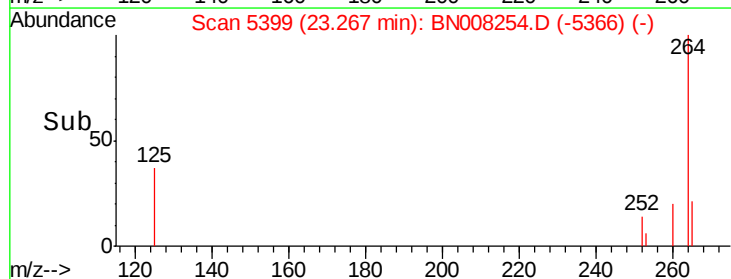
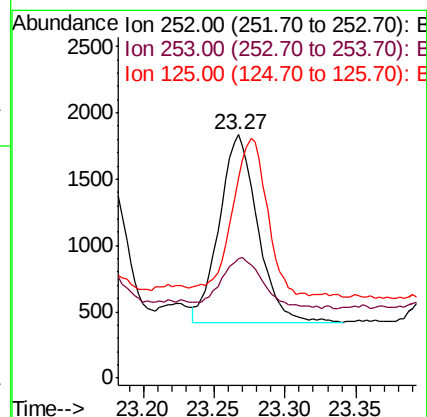
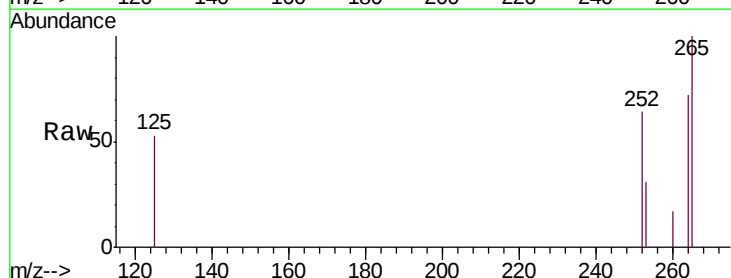
Tgt Ion:252 Resp: 2647

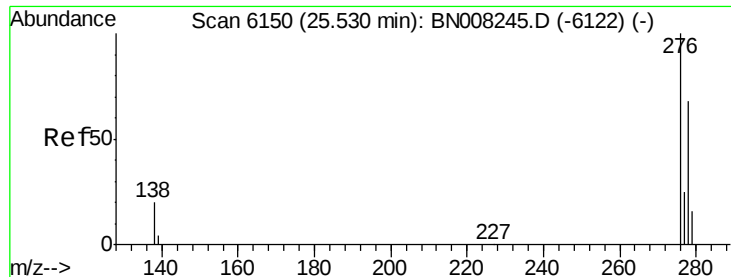
Ion Ratio Lower Upper

252 100

253 48.9 22.8 34.2#

125 82.2 18.4 27.6#



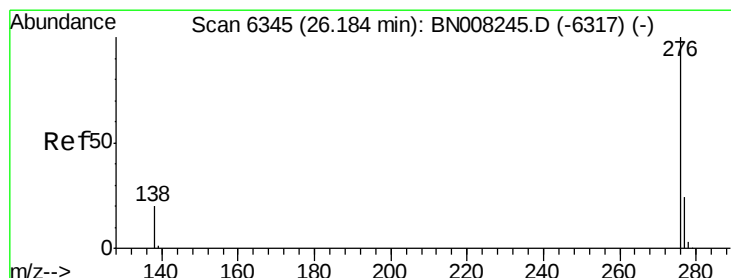
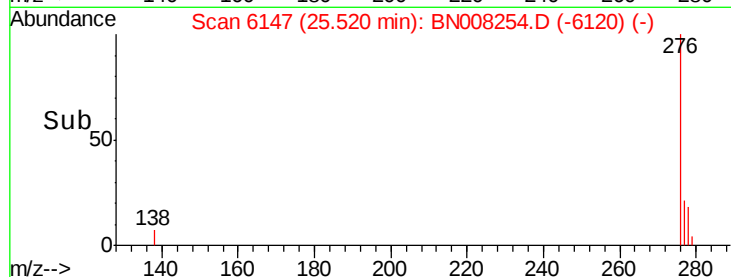
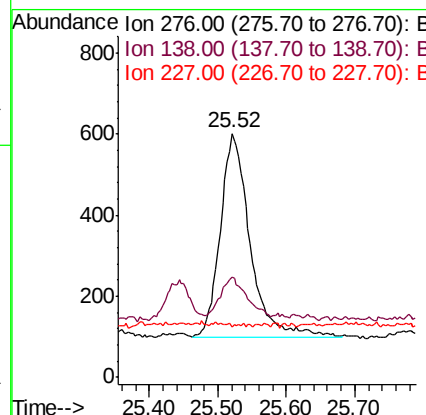
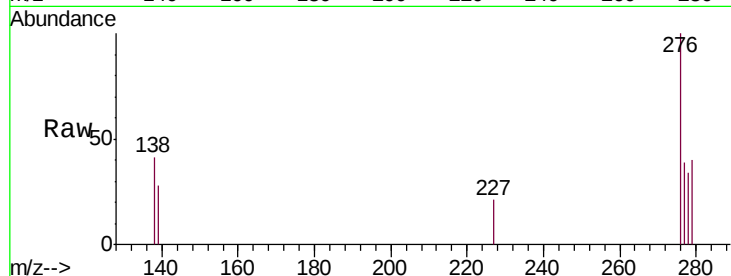


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.52 min Scan# 6147
Delta R.T. -0.01 min
Lab File: BN008254.D
Acq: 18 Oct 2019 19:11

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

Tgt Ion: 276 Resp: 1518
Ion Ratio Lower Upper
276 100
138 16.9 16.1 24.1
227 0.0 0.2 0.2#



#26

Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. -0.00 min
Lab File: BN008254.D
Acq: 18 Oct 2019 19:11

Tgt Ion: 276 Resp: 1614
Ion Ratio Lower Upper
276 100
138 41.0 17.0 25.4#
277 38.2 20.4 30.6#

