

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008321.D
 Acq On : 22 Oct 2019 18:58
 Operator : JU
 Sample : K5199-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 01:04:48 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1844	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9003	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5986	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12585	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11745	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9832	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	433	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1328	0.03	ng/ul	0.00

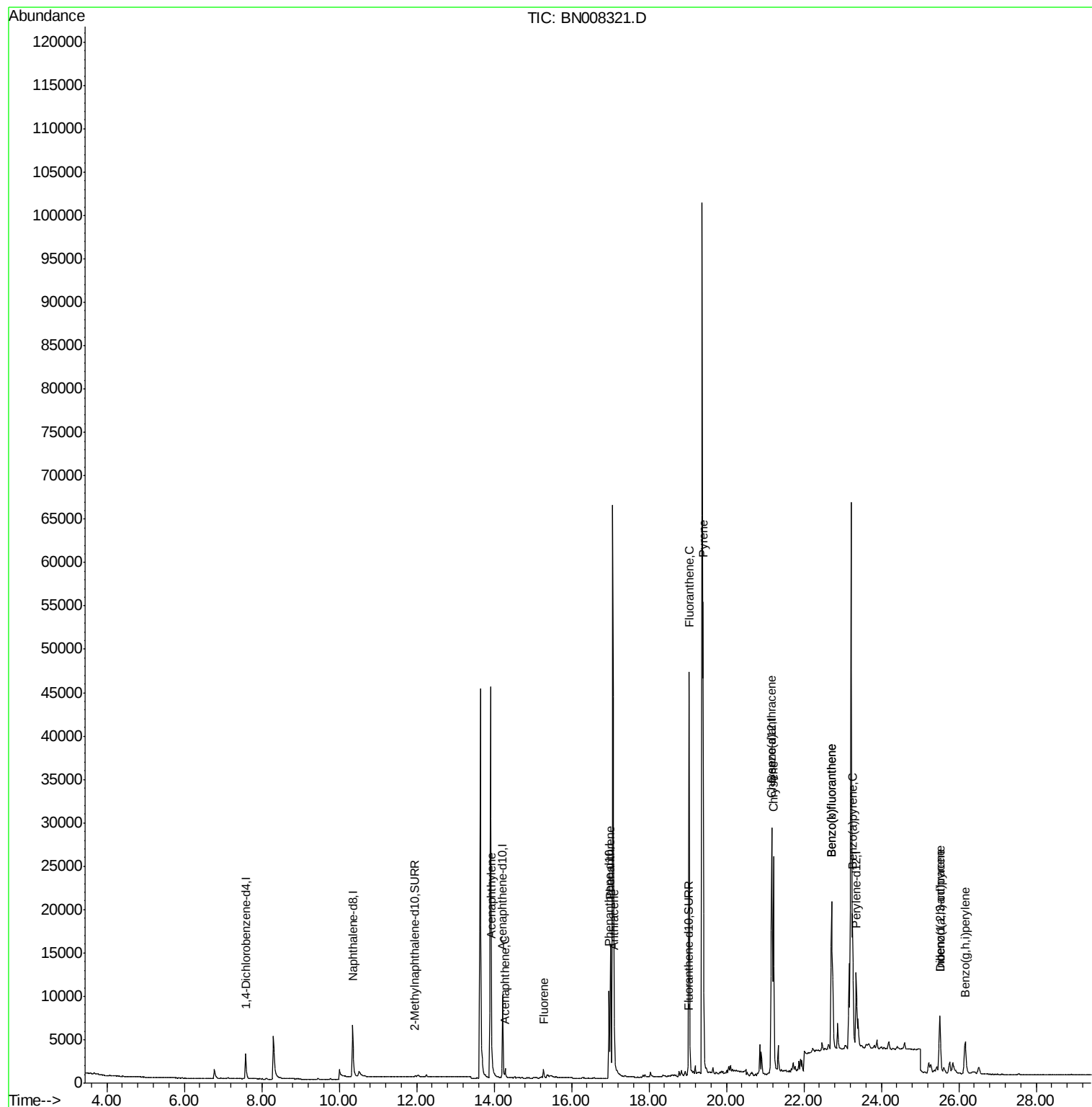
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	13.94	152	1534	0.054	ng/ul#	88
8) Acenaphthene	14.28	153	611	0.028	ng/ul	96
9) Fluorene	15.28	166	782	0.031	ng/ul#	94
12) Phenanthrene	17.01	178	17700	0.480	ng/ul	100
13) Anthracene	17.10	178	3379	0.104	ng/ul	95
15) Fluoranthene	19.04	202	42056	0.864	ng/ul	98
17) Pyrene	19.40	202	45225	0.967	ng/ul	97
18) Benzo(a)anthracene	21.16	228	24981	0.585	ng/ul	96
19) Chrysene	21.21	228	27035	0.516	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	36707	1.147	ng/ul	98
22) Benzo(k)fluoranthene	22.71	252	36707	1.012	ng/ul	98
23) Benzo(a)pyrene	23.26	252	18398	0.546	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.51	276	10761	0.271	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.51	278	2584	0.082	ng/ul#	72
26) Benzo(g,h,i)perylene	26.16	276	8138	0.224	ng/ul#	92

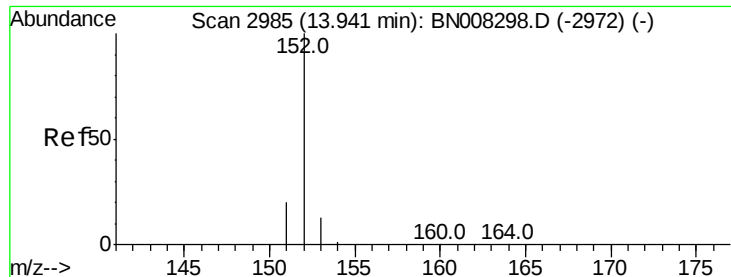
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 23:58:15 2019
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#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

Instrument :

BNA_N

ClientSampleId :

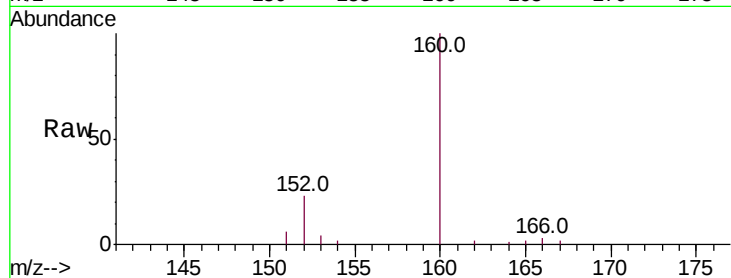
Tot Ion:152 Resp: 1534

Ion Ratio Lower Upper

152 100

151 24.8 16.2 24.4#

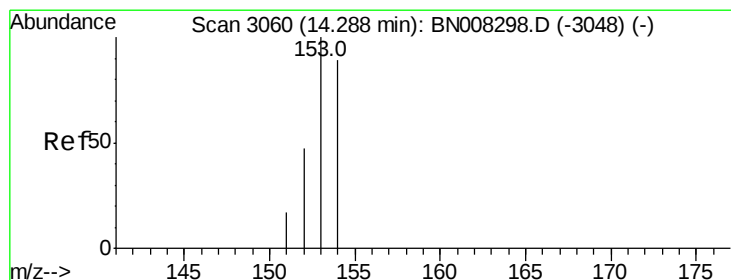
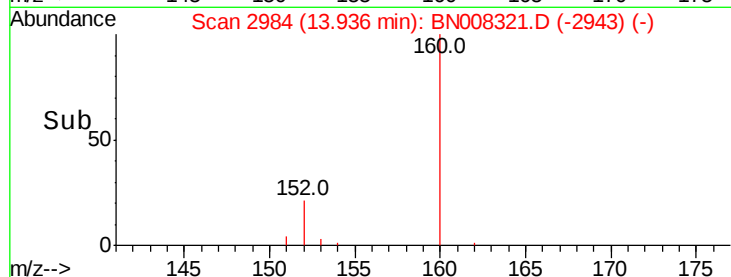
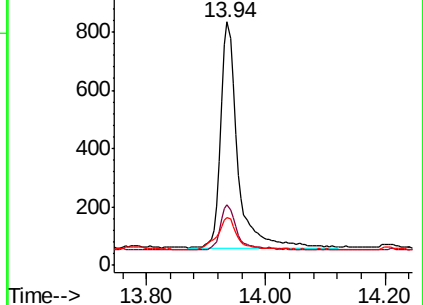
153 19.5 11.0 16.4#



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: 0.028 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

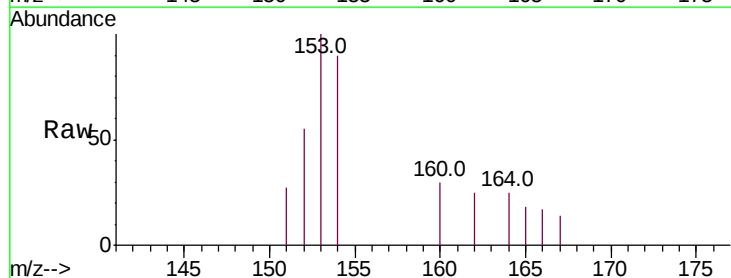
Tgt Ion:153 Resp: 611

Ion Ratio Lower Upper

153 100

152 55.2 38.2 57.2

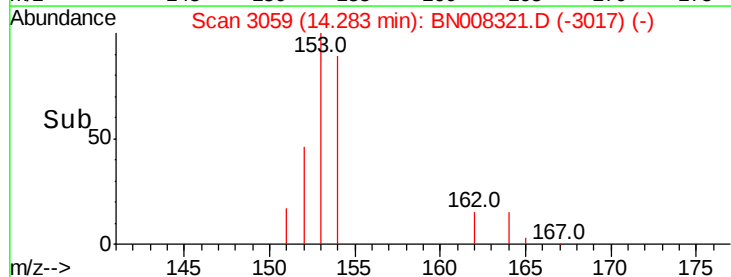
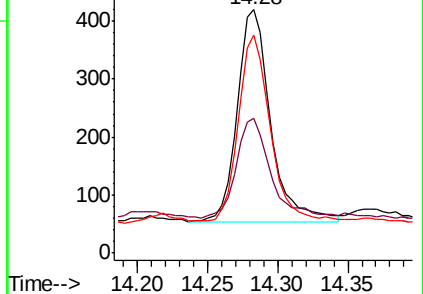
154 89.5 71.8 107.8

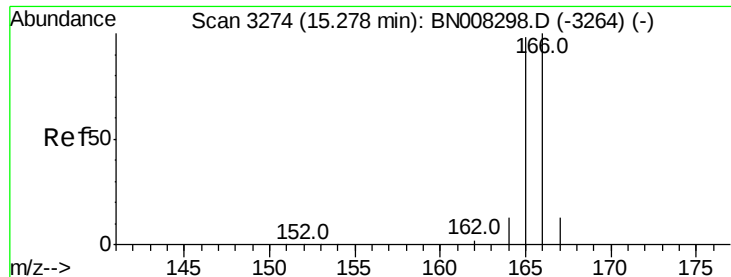


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

Instrument :

BNA_N

ClientSampleId :

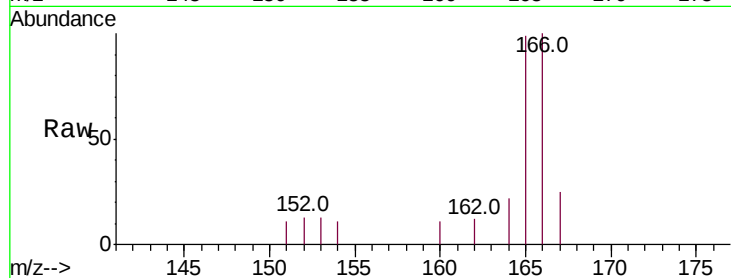
Tot Ion:166 Resp: 782

Ion Ratio Lower Upper

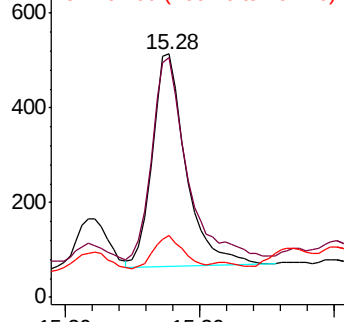
166 100

165 98.6 76.6 115.0

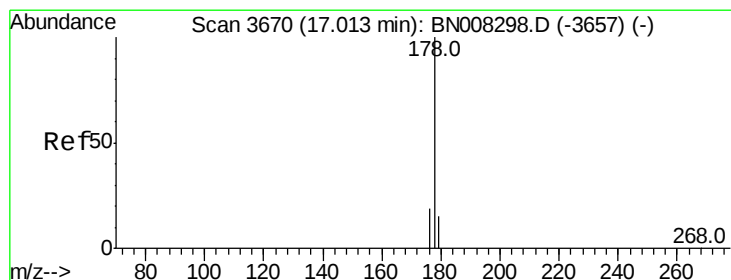
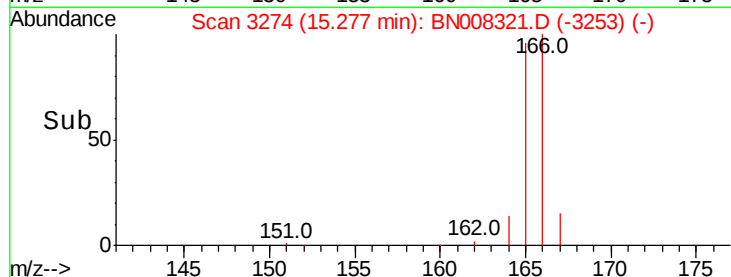
167 25.3 11.7 17.5#



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



Time-->



#12

Phenanthrene

Concen: 0.480 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

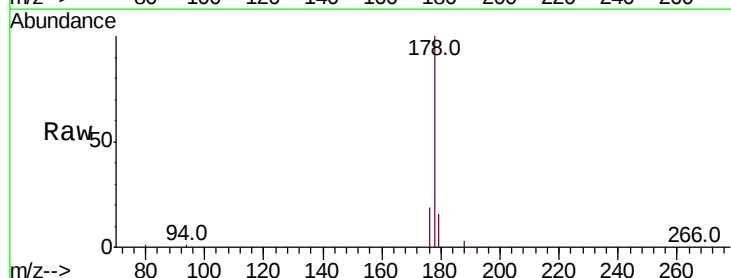
Tgt Ion:178 Resp: 17700

Ion Ratio Lower Upper

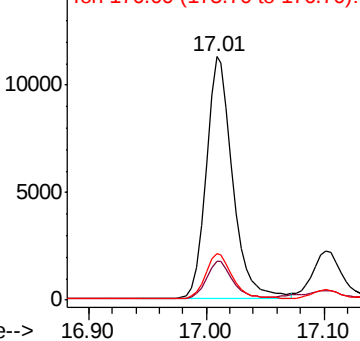
178 100

179 15.9 12.8 19.2

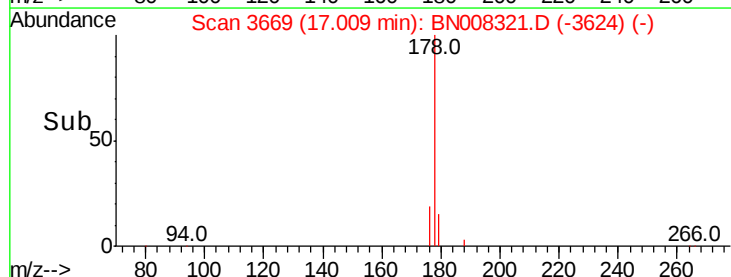
176 19.3 15.4 23.2

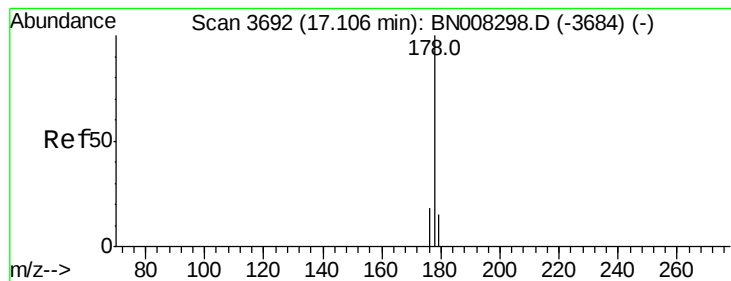


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.104 ng/ul

RT: 17.10 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

Instrument :

BNA_N

ClientSampleId :

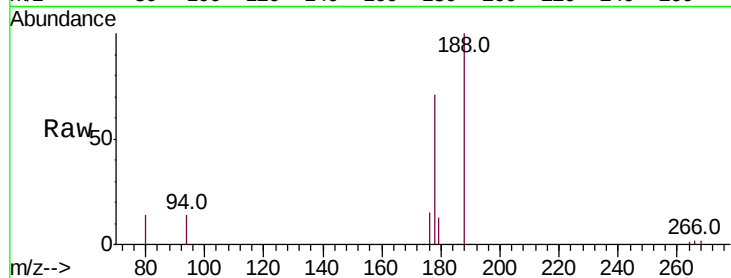
Tot Ion:178 Resp: 3379

Ion Ratio Lower Upper

178 100

179 18.9 13.0 19.6

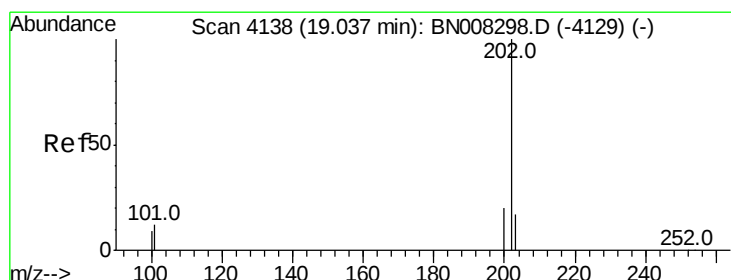
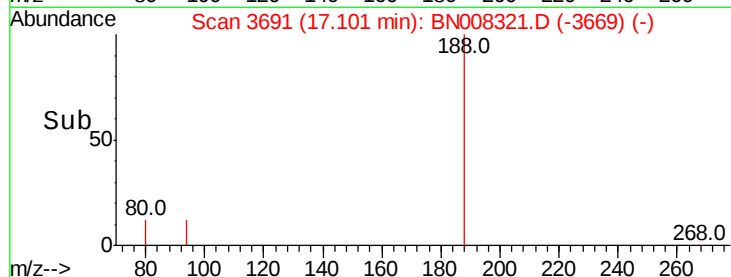
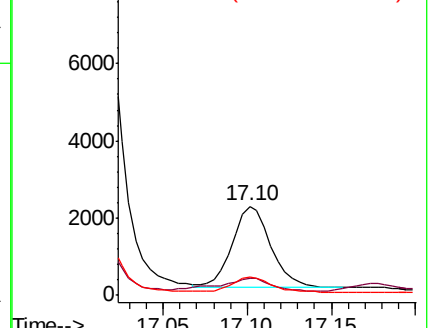
176 20.4 15.0 22.6



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: 0.864 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

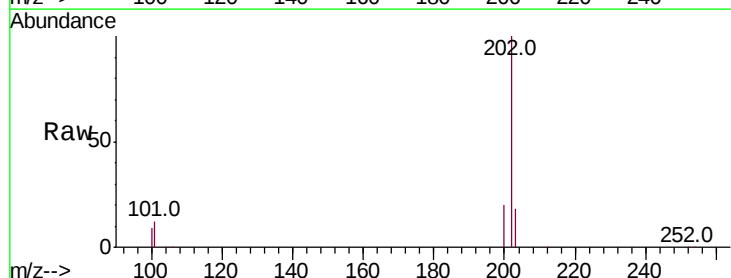
Tgt Ion:202 Resp: 42056

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.2

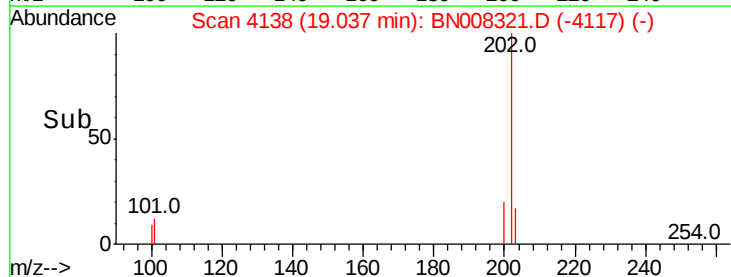
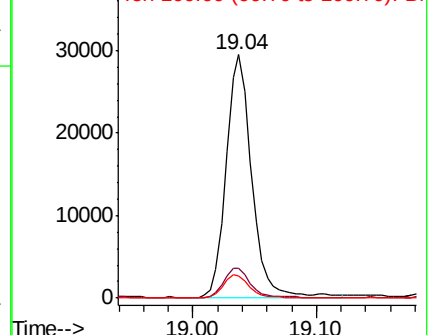
100 9.1 0.0 28.5

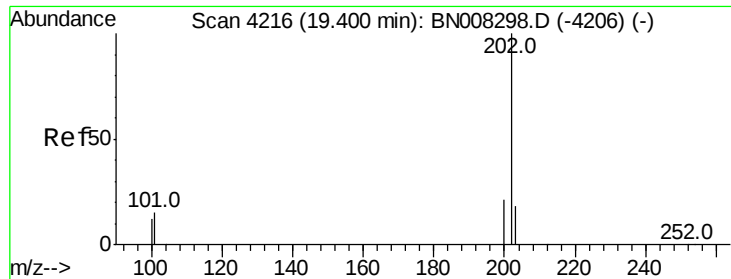


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

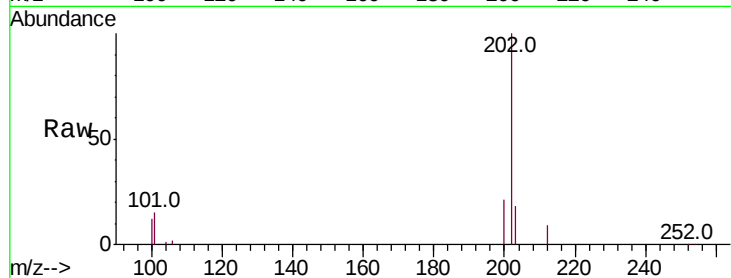




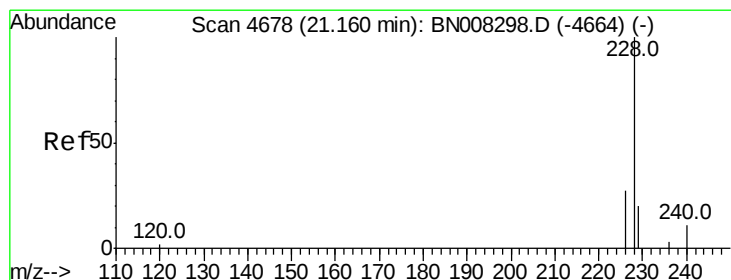
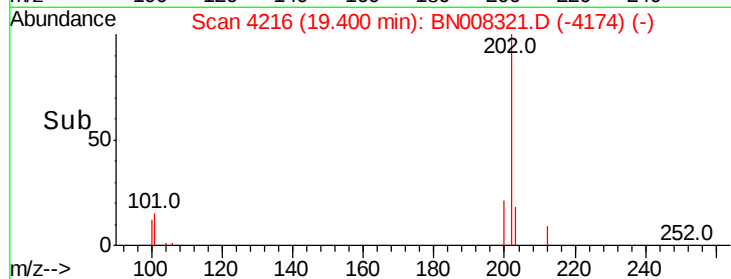
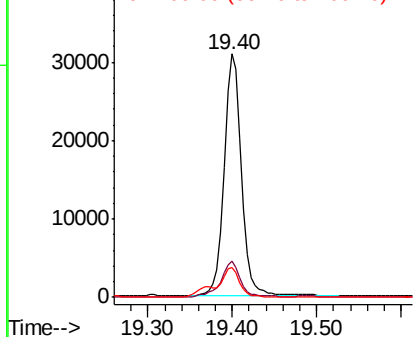
#17
Pvrene
Concen: 0.967 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.9	16.3
100	12.0	8.7	13.1

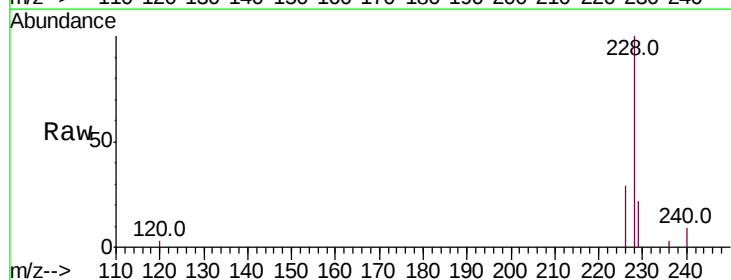


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

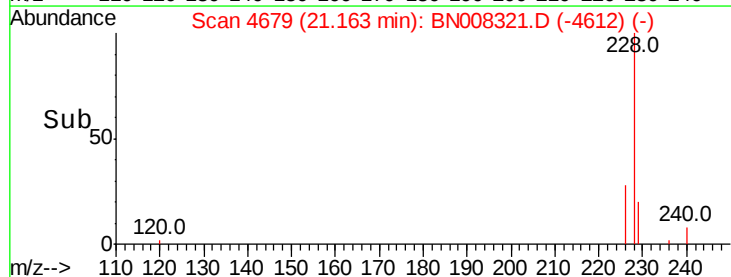
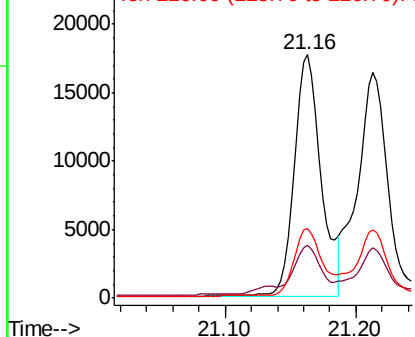


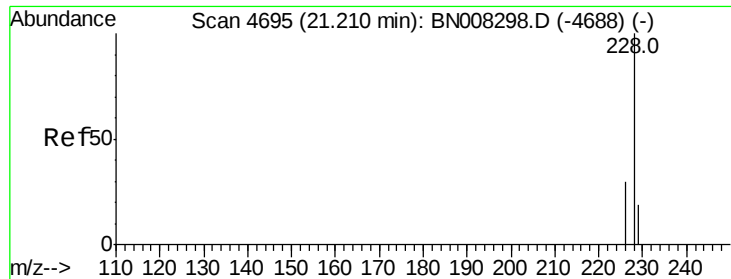
#18
Benzo(a)anthracene
Concen: 0.585 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	28.7	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: 0.516 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

Instrument :

BNA_N

ClientSampleId :

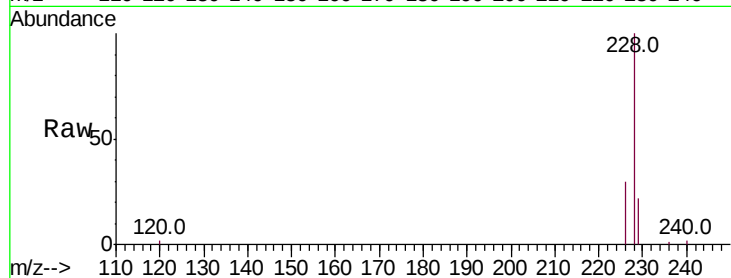
Tot Ion:228 Resp: 27035

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

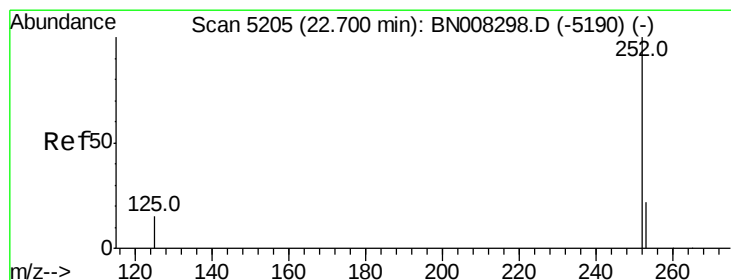
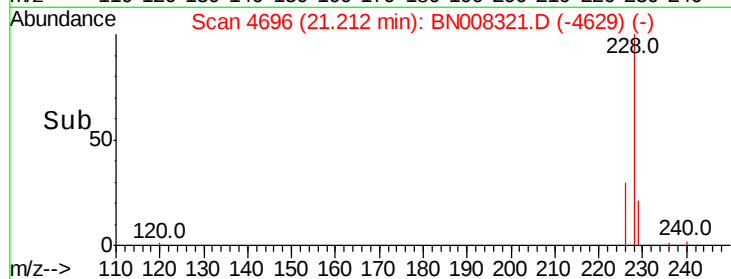
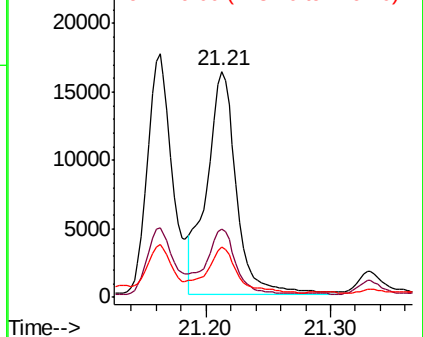
229 22.2 16.2 24.2



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: 1.147 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

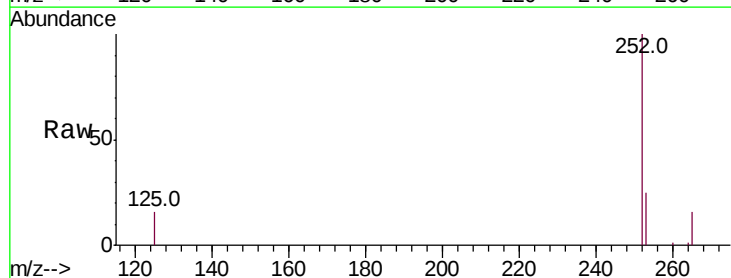
Tgt Ion:252 Resp: 36707

Ion Ratio Lower Upper

252 100

253 25.4 0.0 53.4

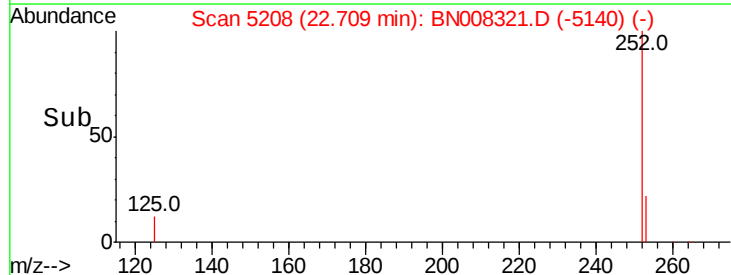
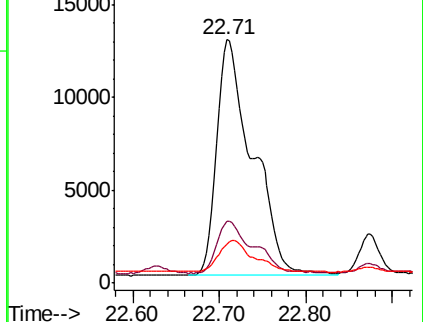
125 16.0 0.0 32.4

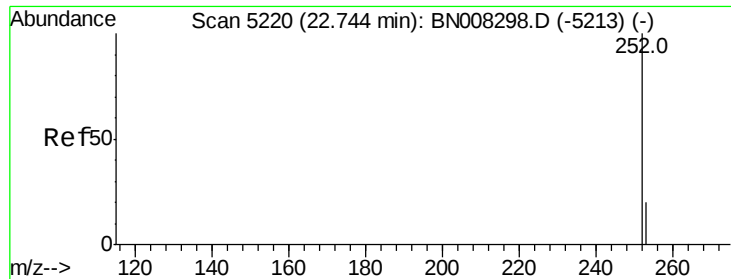


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.012 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.04 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

Instrument :

BNA_N

ClientSampleId :

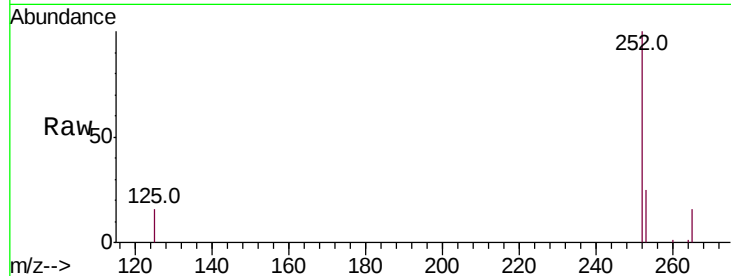
Tot Ion:252 Resp: 36707

Ion Ratio Lower Upper

252 100

253 25.4 21.3 31.9

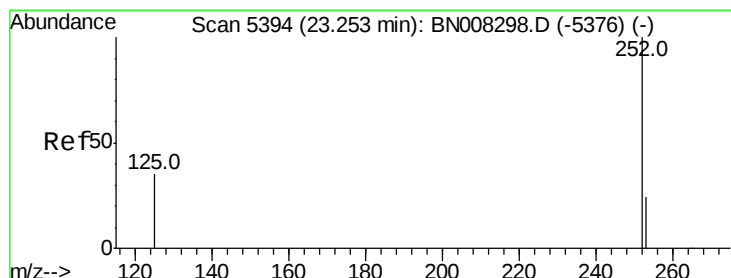
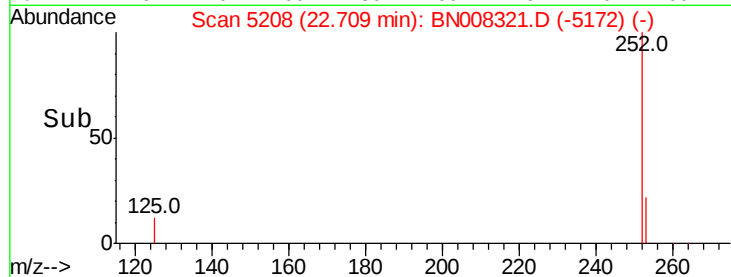
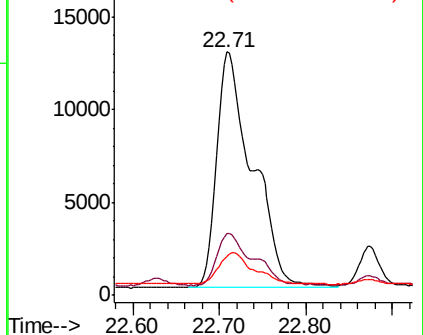
125 16.0 12.3 18.5



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: 0.546 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. -0.00 min

Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

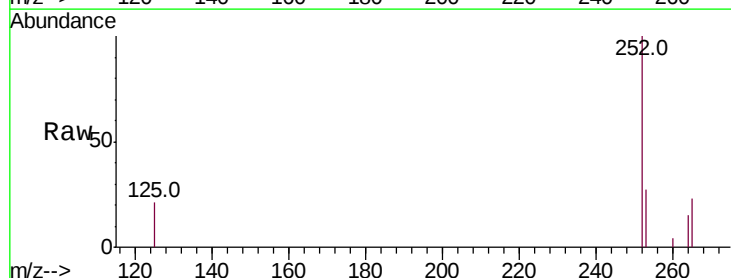
Tgt Ion:252 Resp: 18398

Ion Ratio Lower Upper

252 100

253 26.9 22.8 34.2

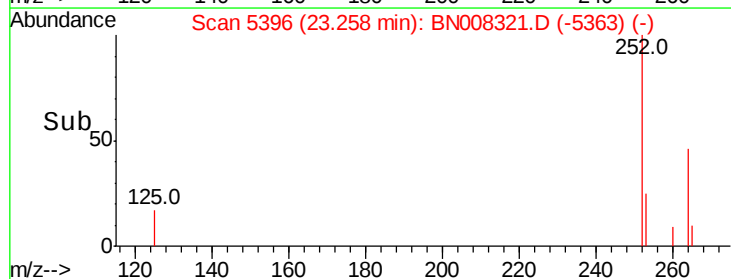
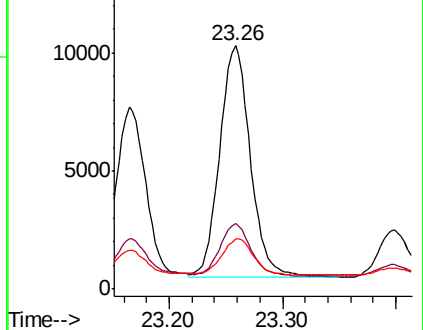
125 20.6 18.4 27.6

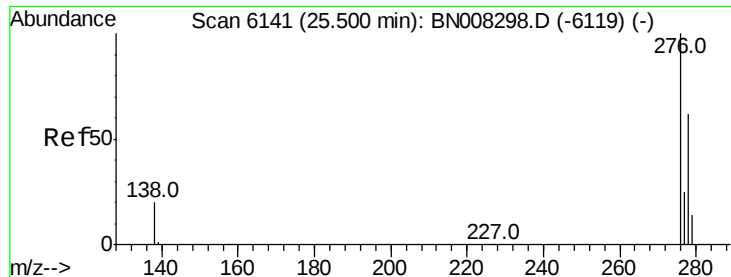


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

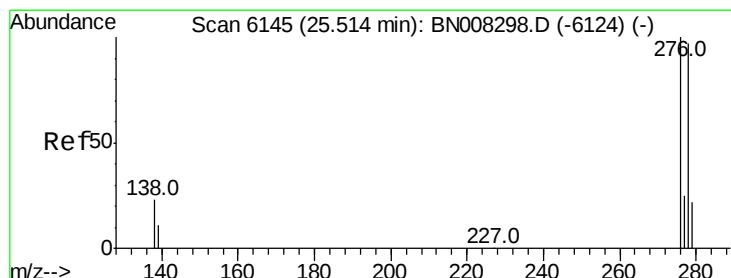
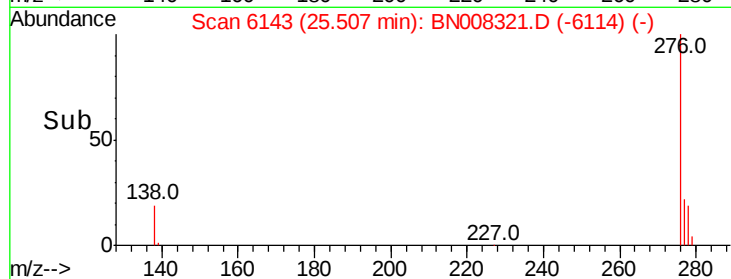
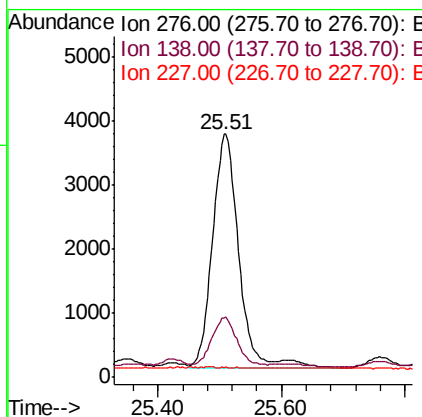
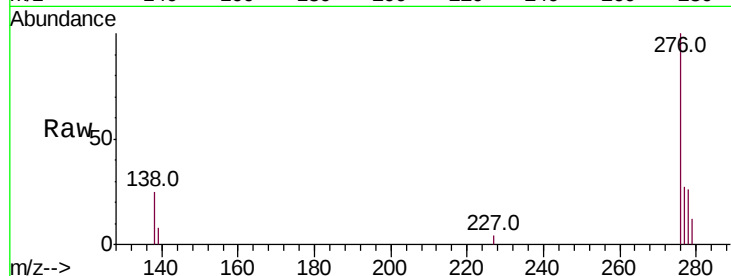




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.271 ng/ul
 RT: 25.51 min Scan# 6143
 Delta R.T. -0.00 min
 Lab File: BN008321.D
 Acq: 22 Oct 2019 18:58

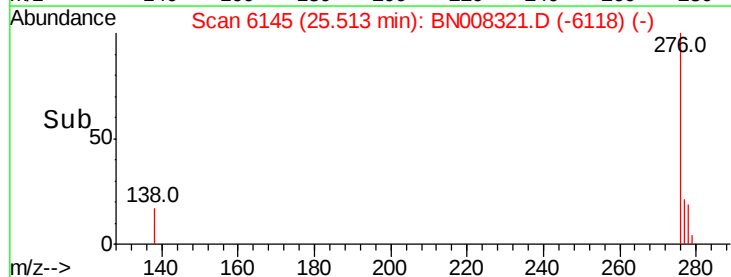
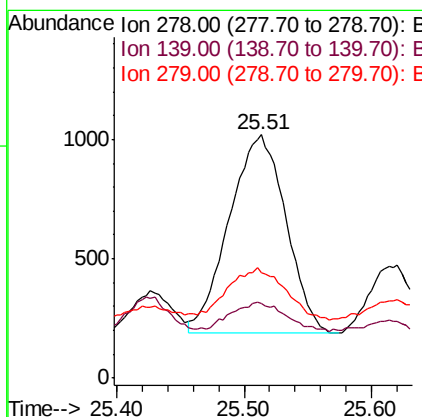
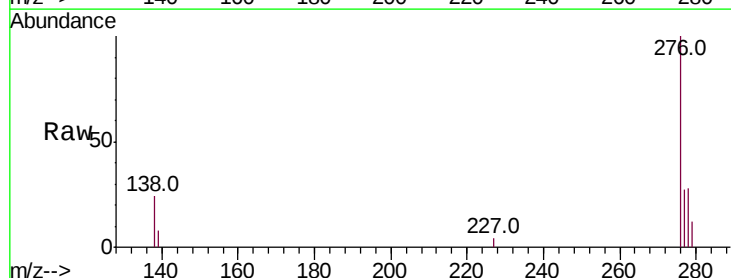
Instrument :
 BNA_N
 ClientSampleId :

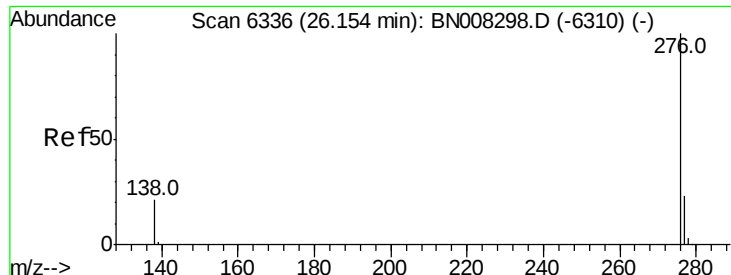
Tot Ion:276 Resp: 10761
 Ion Ratio Lower Upper
 276 100
 138 18.7 16.1 24.1
 227 0.0 0.2 0.2#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.082 ng/ul
 RT: 25.51 min Scan# 6145
 Delta R.T. -0.01 min
 Lab File: BN008321.D
 Acq: 22 Oct 2019 18:58

Tgt Ion:278 Resp: 2584
 Ion Ratio Lower Upper
 278 100
 139 30.7 15.0 22.6#
 279 43.2 22.4 33.6#





#26

Benzo(a,h,i)perylene

Concen: 0.224 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.00 min

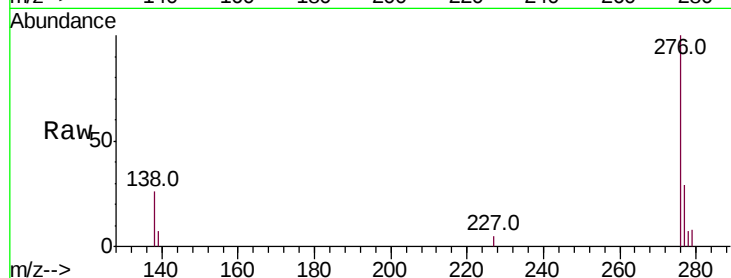
Lab File: BN008321.D

Acq: 22 Oct 2019 18:58

Instrument :

BNA_N

ClientSampleId :



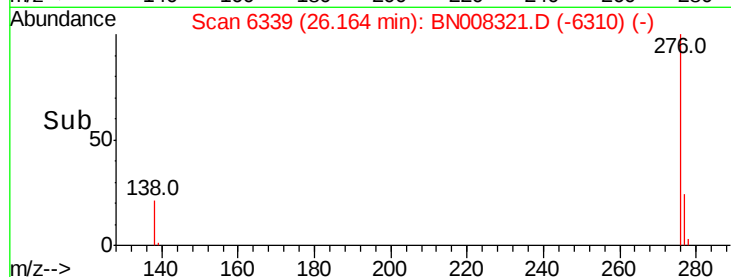
Tot Ion:276 Resp: 8138

Ion Ratio Lower Upper

276 100

138 25.7 17.0 25.4#

277 28.6 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

