

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009233.D
 Acq On : 28 Dec 2019 18:05
 Operator : JU
 Sample : K6278-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 29 04:43:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

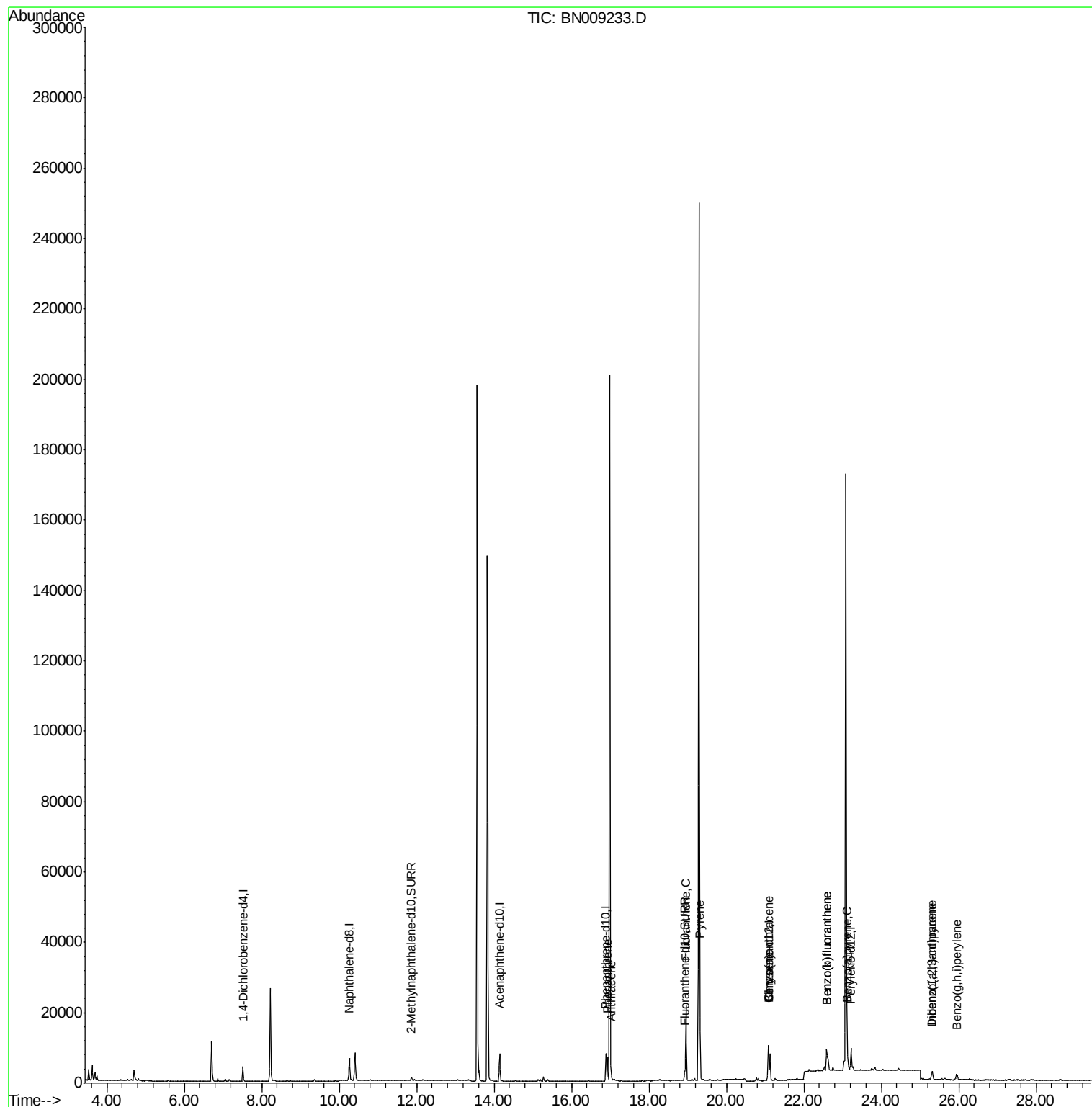
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2107	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7815	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4283	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8927	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6985	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7206	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1312	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3030	0.12	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.93	178	6823	0.220	ng/ul	97
13) Anthracene	17.02	178	979	0.035	ng/ul#	80
15) Fluoranthene	18.95	202	17425	0.491	ng/ul	99
17) Pyrene	19.32	202	13407	0.376	ng/ul	100
18) Benzo(a)anthracene	21.07	228	5772	0.186	ng/ul	96
19) Chrysene	21.07	228	5772	0.185	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	12112	0.360	ng/ul	85
22) Benzo(k)fluoranthene	22.59	252	12112	0.357	ng/ul#	86
23) Benzo(a)pyrene	23.12	252	4726	0.160	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.31	276	3812	0.119	ng/ul#	84
25) Dibenzo(a,h)anthracene	25.32	278	1006	0.039	ng/ul#	21
26) Benzo(g,h,i)perylene	25.94	276	3347	0.124	ng/ul#	85

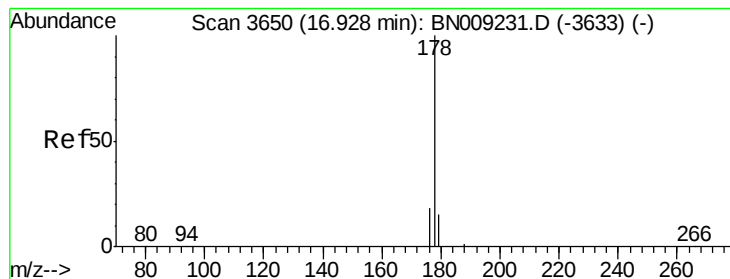
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 29 04:38:59 2019
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#12

Phenanthrene

Concen: 0.220 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

Instrument :

BNA_N

ClientSampleId :

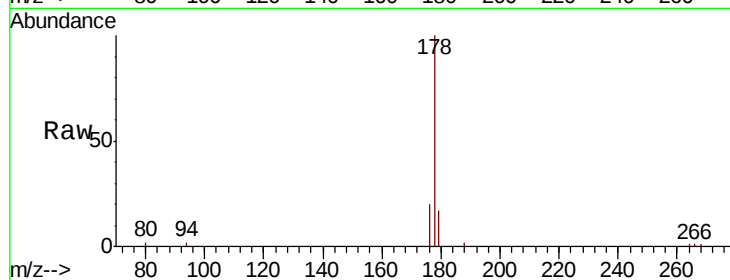
Tot Ion:178 Resp: 6823

Ion Ratio Lower Upper

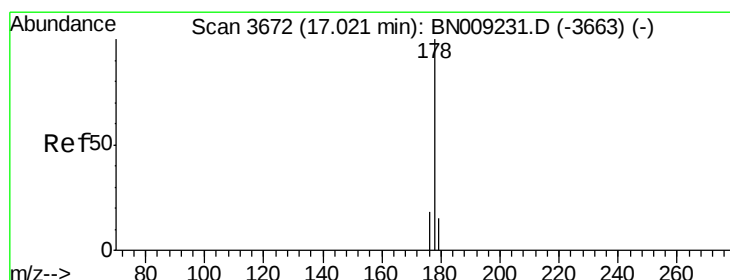
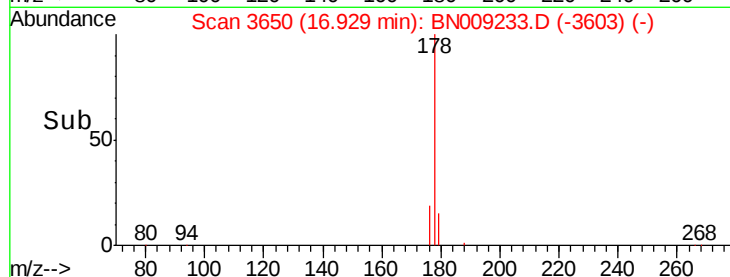
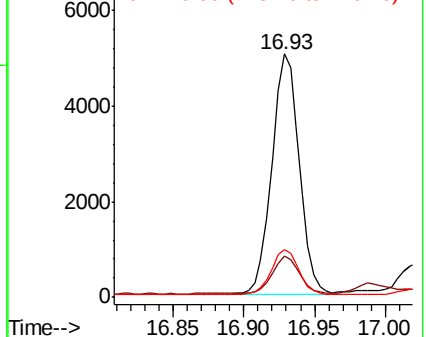
178 100

179 16.8 12.3 18.5

176 19.8 15.1 22.7



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: 0.035 ng/ul

RT: 17.02 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

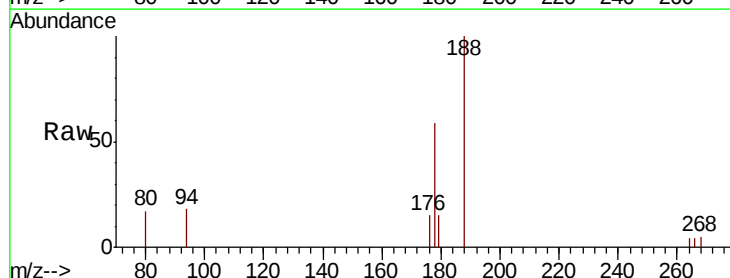
Tgt Ion:178 Resp: 979

Ion Ratio Lower Upper

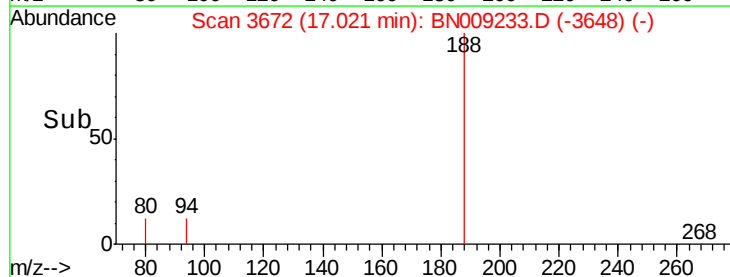
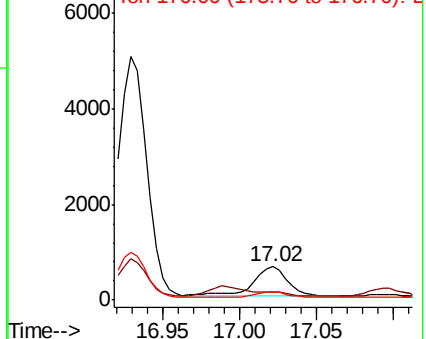
178 100

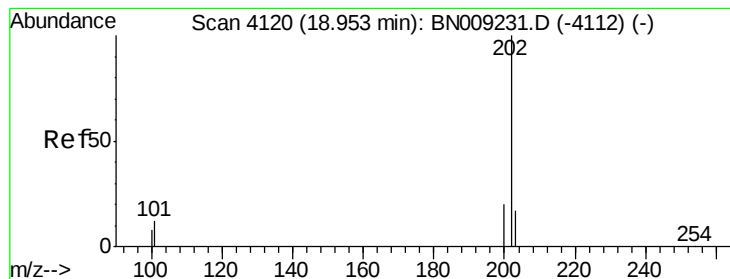
179 26.1 12.5 18.7#

176 26.0 14.9 22.3#



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: 0.491 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

Instrument :

BNA_N

ClientSampleId :

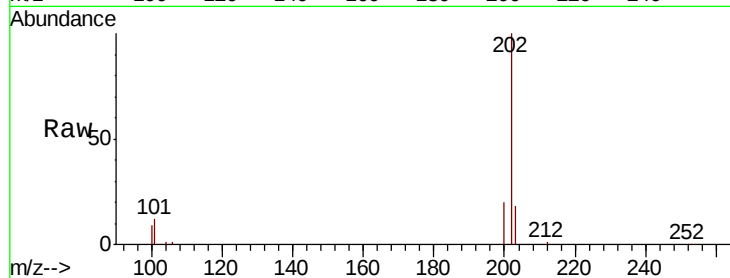
Tot Ion:202 Resp: 17425

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.5

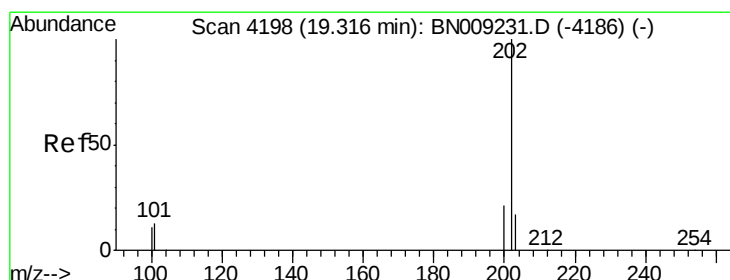
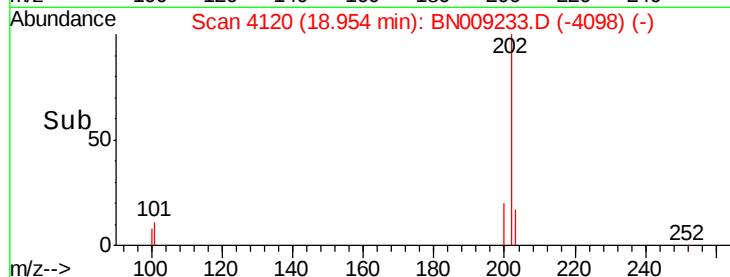
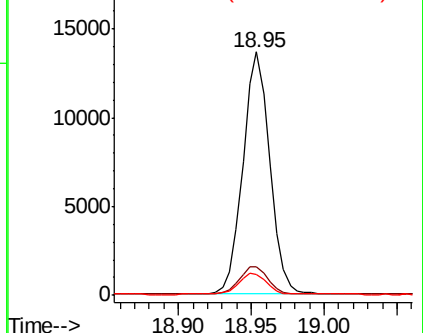
100 8.7 0.0 28.9



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: 0.376 ng/ul

RT: 19.32 min Scan# 4198

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

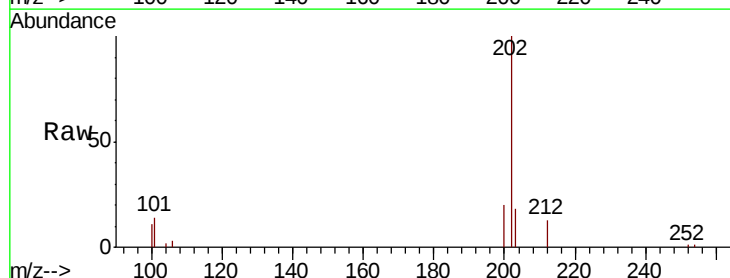
Tgt Ion:202 Resp: 13407

Ion Ratio Lower Upper

202 100

101 13.7 10.9 16.3

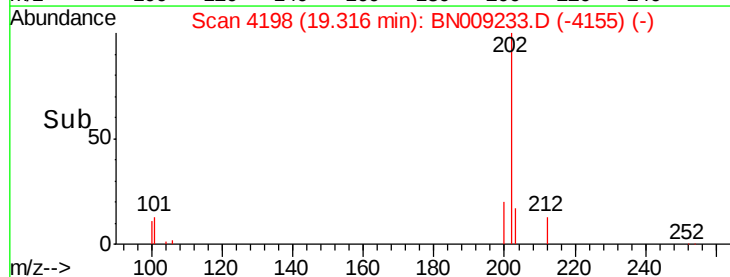
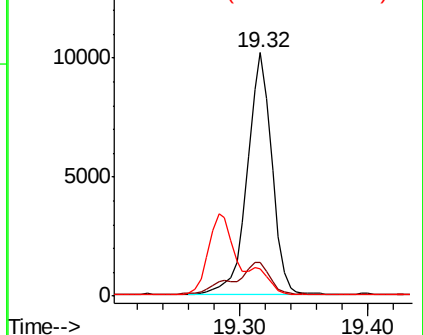
100 11.3 9.0 13.6

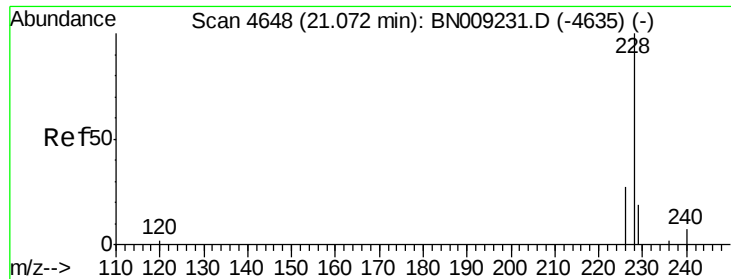


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.186 ng/ul

RT: 21.07 min Scan# 4648

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

Instrument :

BNA_N

ClientSampleId :

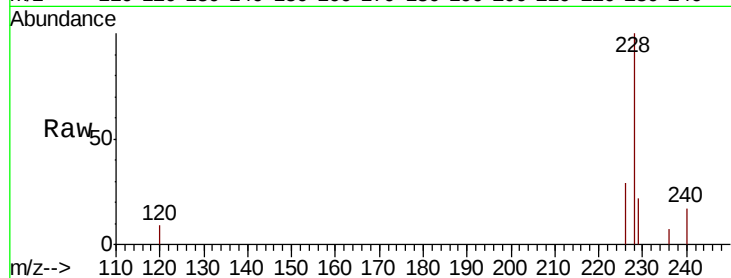
Tot Ion:228 Resp: 5772

Ion Ratio Lower Upper

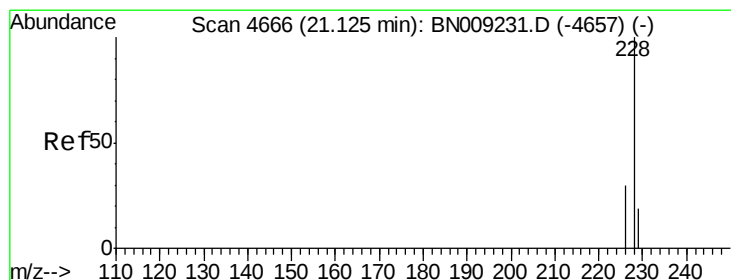
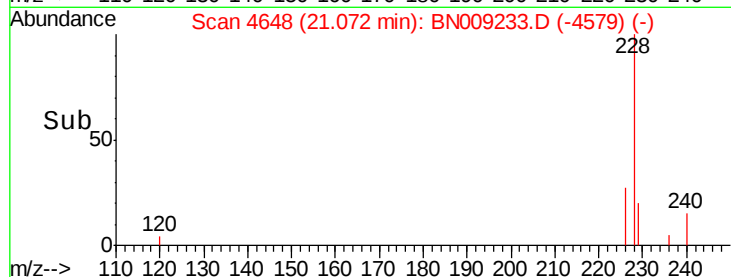
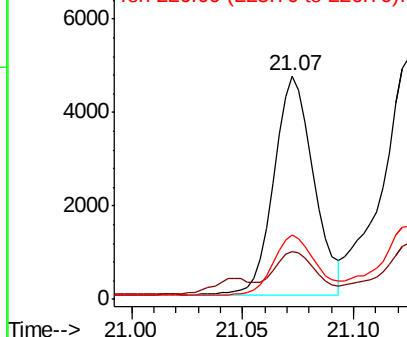
228 100

229 21.7 15.5 23.3

226 28.6 21.7 32.5



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: 0.185 ng/ul

RT: 21.07 min Scan# 4648

Delta R.T. -0.05 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

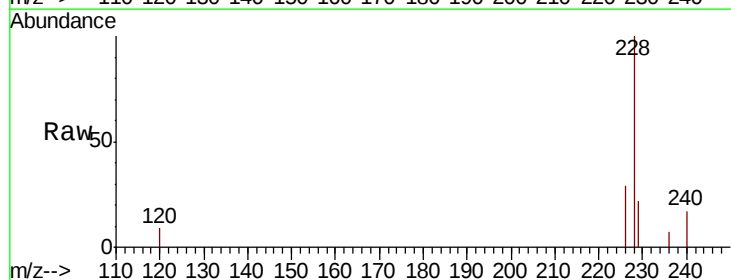
Tgt Ion:228 Resp: 5772

Ion Ratio Lower Upper

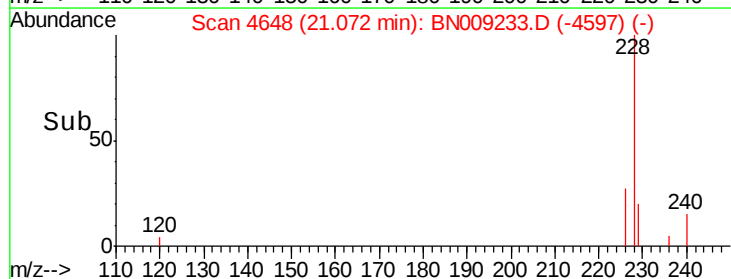
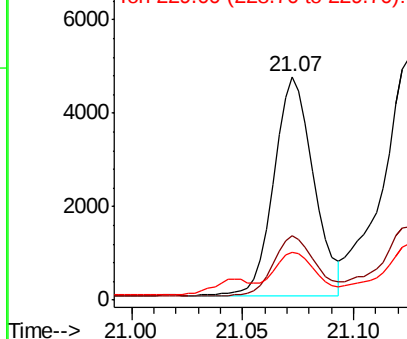
228 100

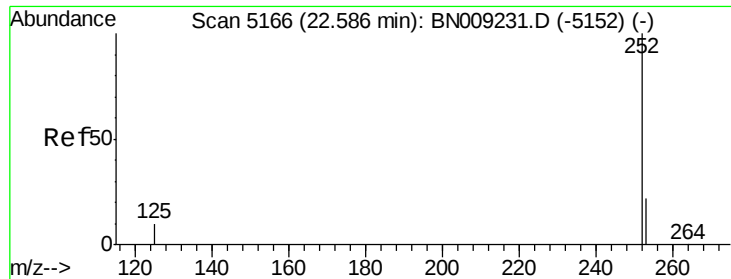
226 28.6 23.7 35.5

229 21.7 15.4 23.0



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: 0.360 ng/ul

RT: 22.59 min Scan# 5167

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

Instrument :

BNA_N

ClientSampleId :

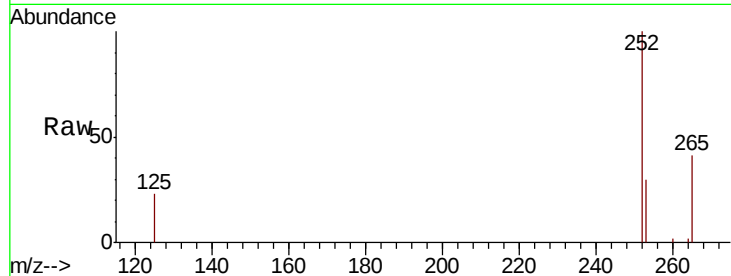
Tot Ion:252 Resp: 12112

Ion Ratio Lower Upper

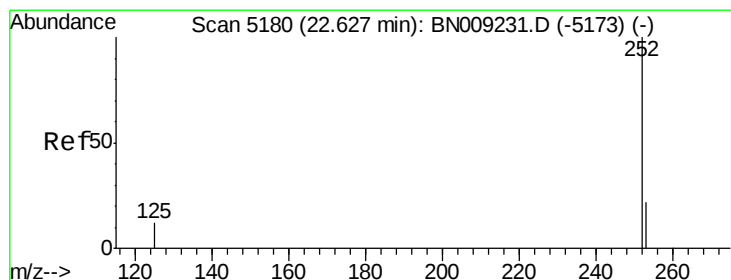
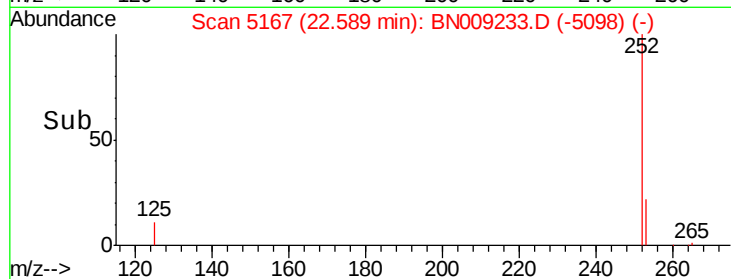
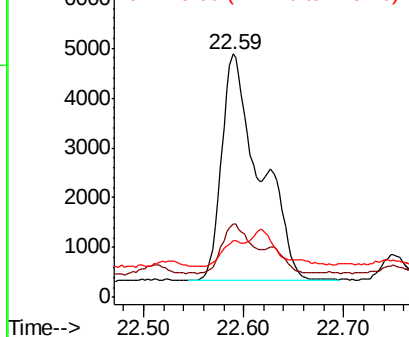
252 100

253 30.1 0.0 48.2

125 23.0 0.0 30.0



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: 0.357 ng/ul

RT: 22.59 min Scan# 5167

Delta R.T. -0.04 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

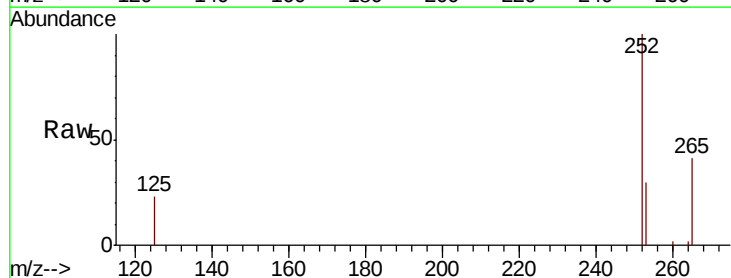
Tgt Ion:252 Resp: 12112

Ion Ratio Lower Upper

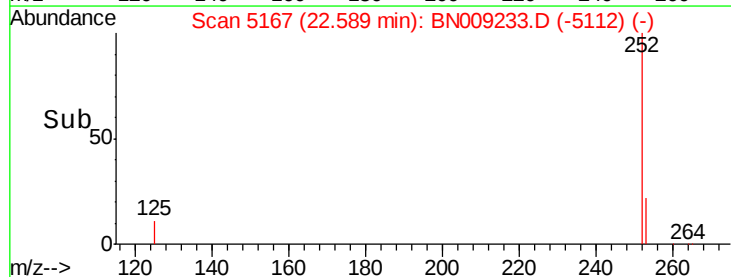
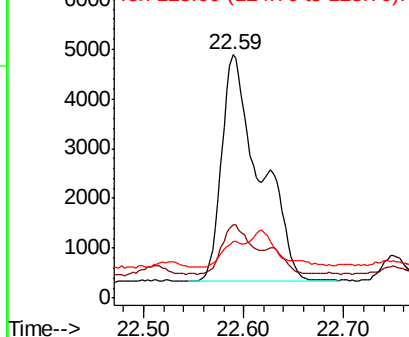
252 100

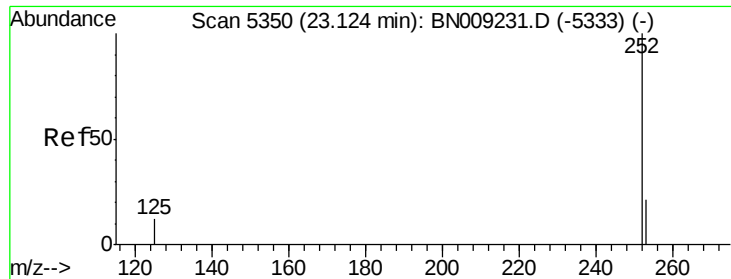
253 30.1 19.4 29.0#

125 23.0 12.4 18.6#



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





#23

Benzo(a)pyrene

Concen: 0.160 ng/u1

RT: 23.12 min Scan# 5350

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

Instrument :

BNA_N

ClientSampleId :

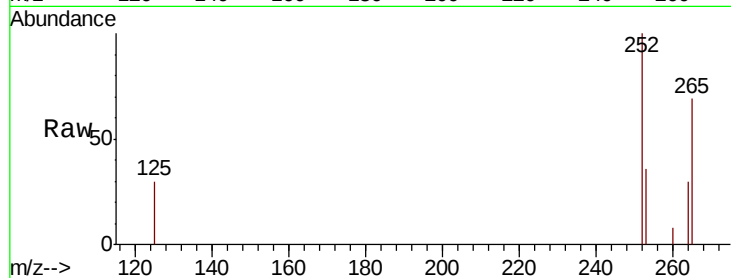
Tot Ion:252 Resp: 4726

Ion Ratio Lower Upper

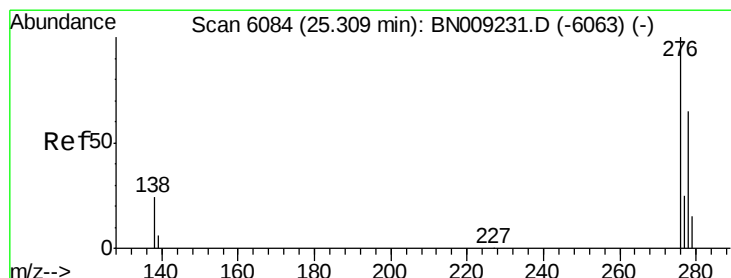
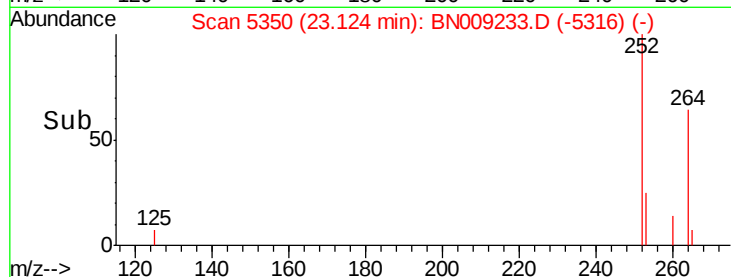
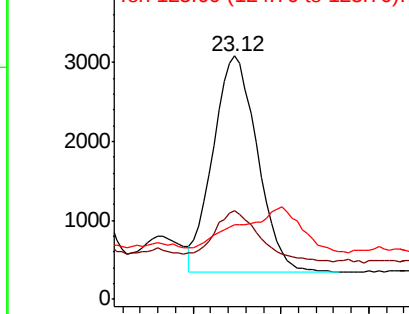
252 100

253 36.5 20.2 30.4#

125 30.4 13.2 19.8#



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: 0.119 ng/u1

RT: 25.31 min Scan# 6084

Delta R.T. 0.00 min

Lab File: BN009233.D

Acq: 28 Dec 2019 18:05

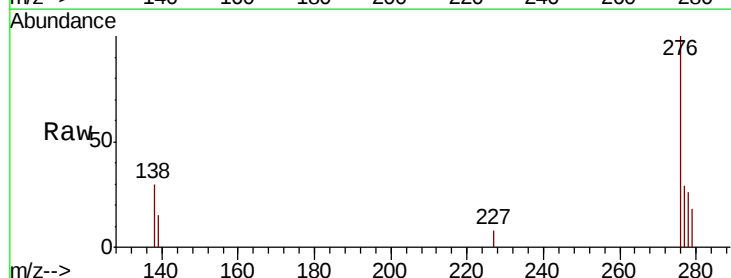
Tgt Ion:276 Resp: 3812

Ion Ratio Lower Upper

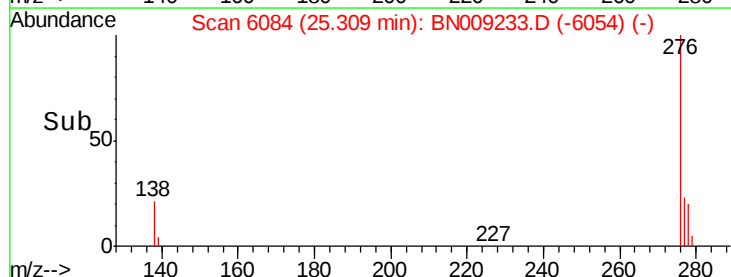
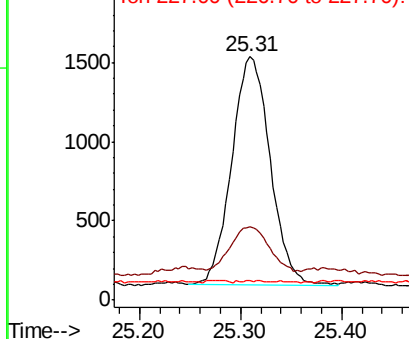
276 100

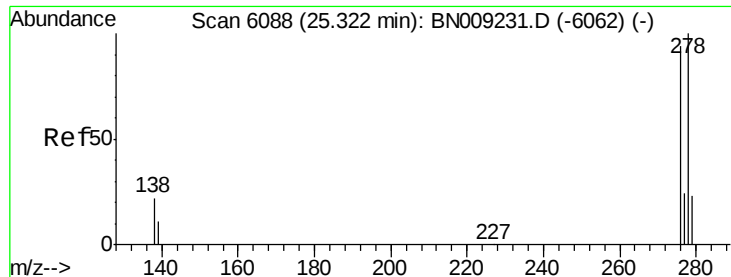
138 19.5 22.4 33.6#

227 0.6 0.2 0.4#



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

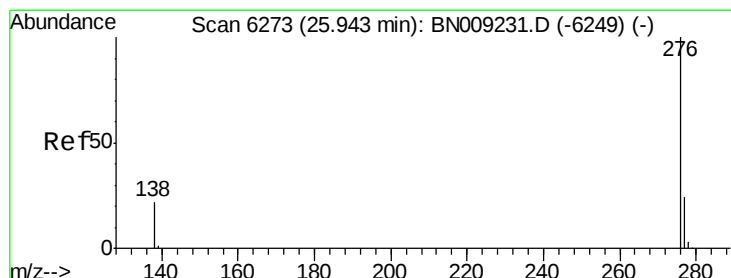
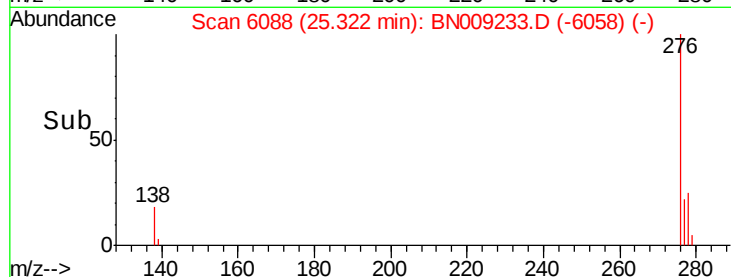
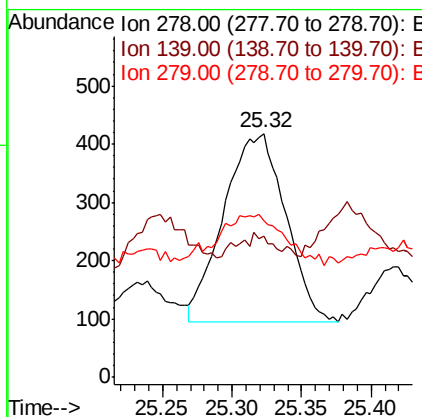
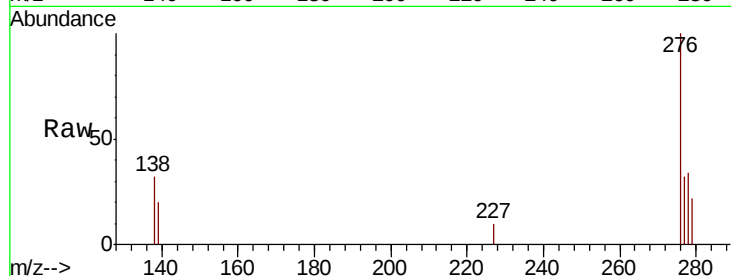




#25
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.32 min Scan# 6088
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1006
Ion Ratio Lower Upper
278 100
139 57.9 16.2 24.2#
279 64.1 20.3 30.5#



#26
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 25.94 min Scan# 6273
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:276 Resp: 3347
Ion Ratio Lower Upper
276 100
138 33.5 20.6 30.8#
277 31.8 19.6 29.4#

