

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008402.D
 Acq On : 24 Oct 2019 23:47
 Operator : JU
 Sample : K5236-02DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 00:53:37 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1743	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8394	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5432	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	11520	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	9964	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	7993	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	398	0.03	ng/ul	-0.01
14) Fluoranthene-d10	18.99	212	1298	0.03	ng/ul	-0.02

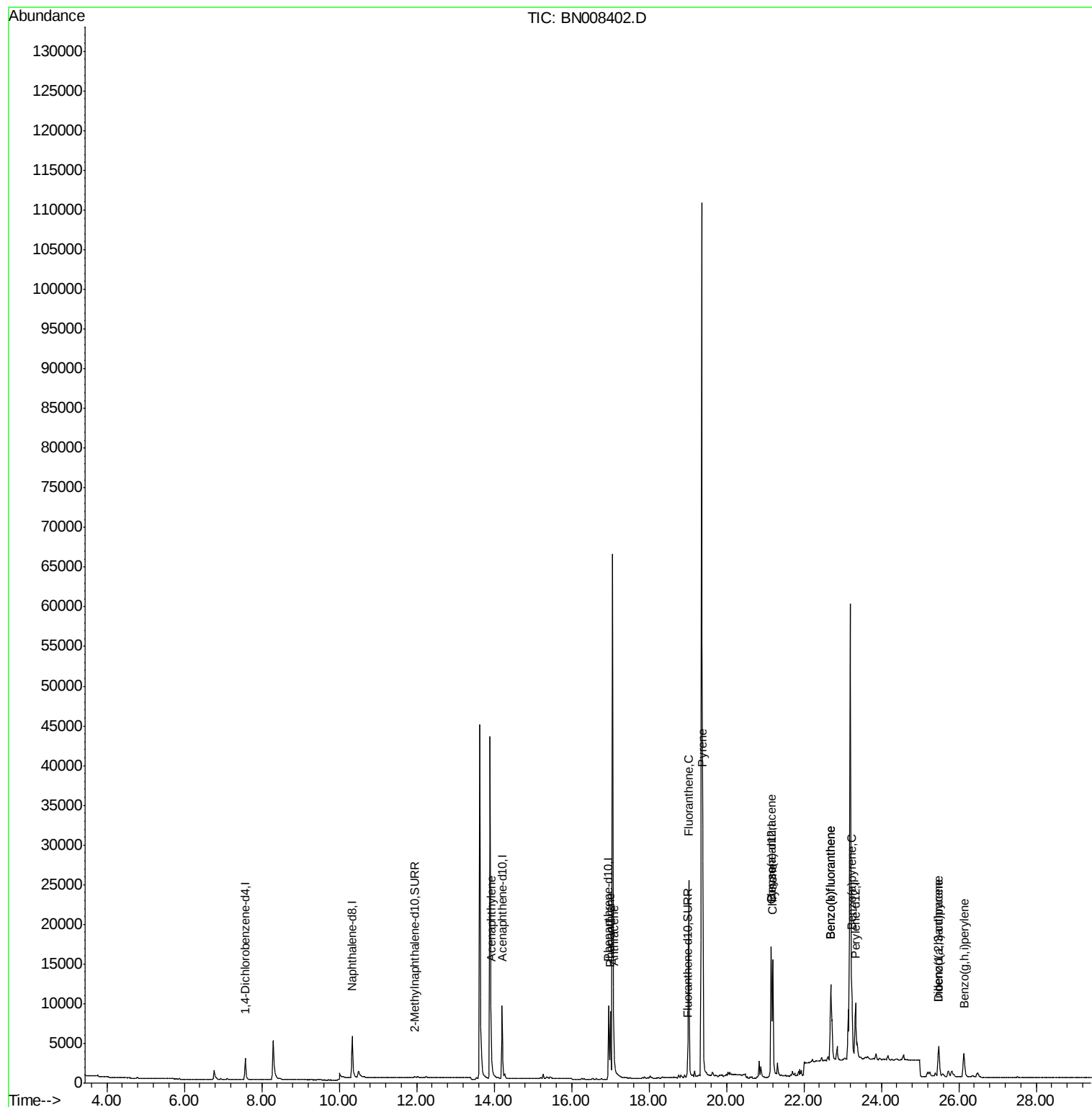
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	1412	0.055	ng/ul#	87
12) Phenanthrene	17.00	178	9689	0.287	ng/ul	100
13) Anthracene	17.09	178	2487	0.084	ng/ul#	93
15) Fluoranthene	19.03	202	23456	0.527	ng/ul	98
17) Pyrene	19.39	202	26929	0.679	ng/ul	98
18) Benzo(a)anthracene	21.15	228	13911	0.384	ng/ul	96
19) Chrysene	21.20	228	15006	0.338	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	21417	0.823	ng/ul	96
22) Benzo(k)fluoranthene	22.69	252	21417	0.727	ng/ul#	96
23) Benzo(a)pyrene	23.24	252	11096	0.405	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.48	276	6451	0.200	ng/ul	98
25) Dibenzo(a,h)anthracene	25.48	278	1557	0.061	ng/ul#	62
26) Benzo(g,h,i)perylene	26.14	276	6286	0.213	ng/ul	94

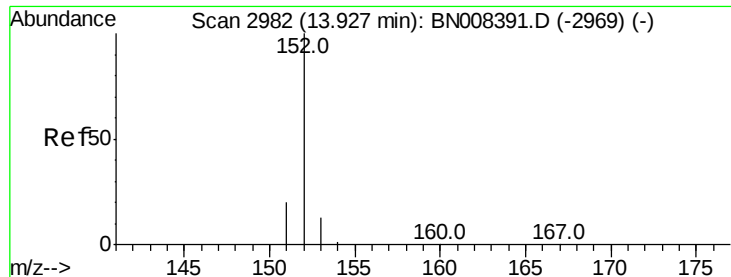
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

Instrument :

BNA_N

ClientSampleId :

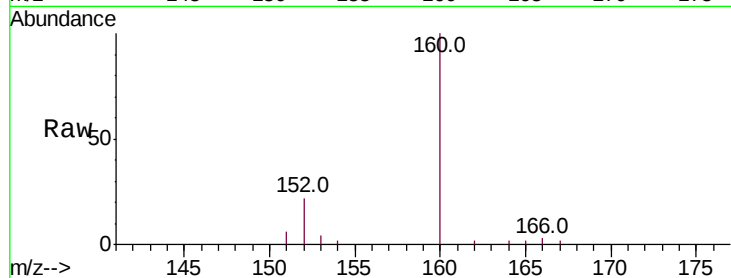
Tot Ion:152 Resp: 1412

Ion Ratio Lower Upper

152 100

151 25.9 16.2 24.4#

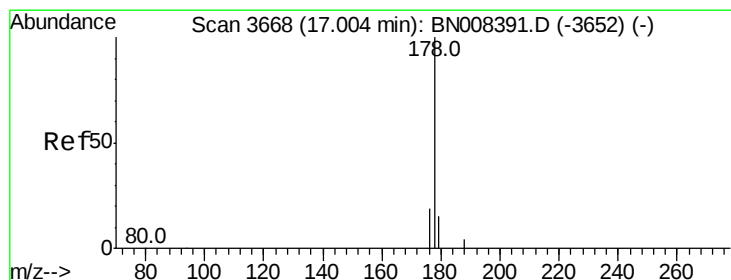
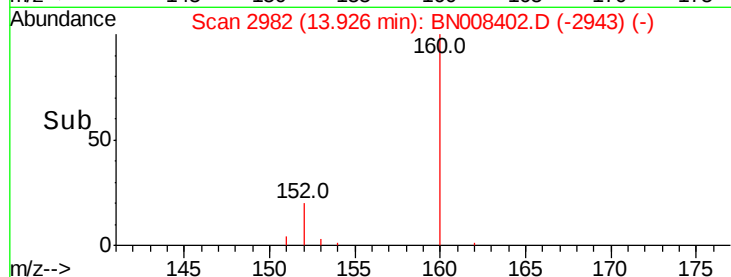
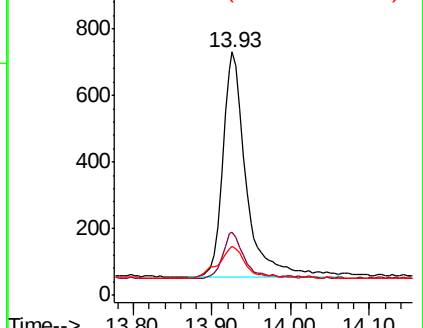
153 20.0 11.0 16.4#



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



#12

Phenanthrene

Concen: 0.287 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

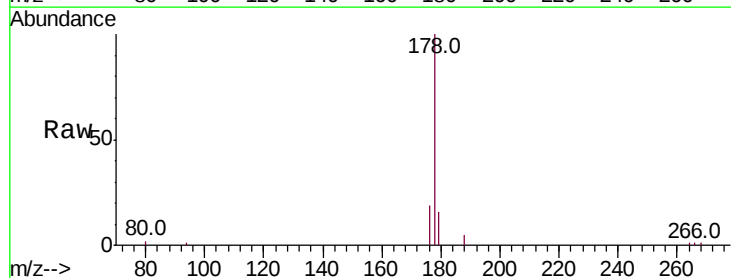
Tgt Ion:178 Resp: 9689

Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

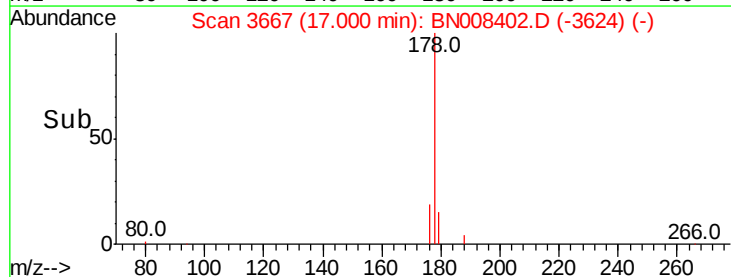
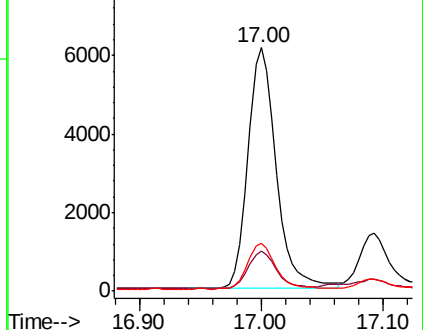
176 19.4 15.4 23.2

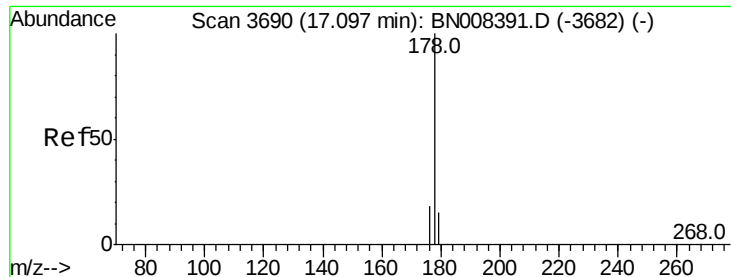


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.084 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

Instrument :

BNA_N

ClientSampleId :

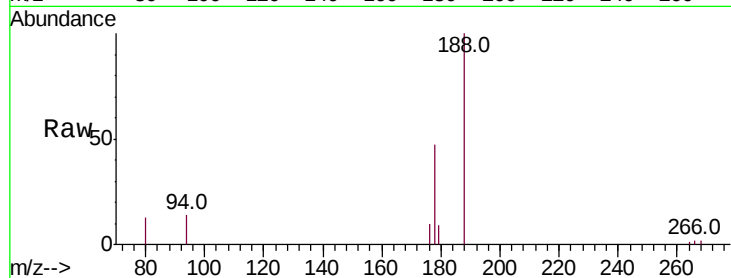
Tot Ion:178 Resp: 2487

Ion Ratio Lower Upper

178 100

179 20.3 13.0 19.6#

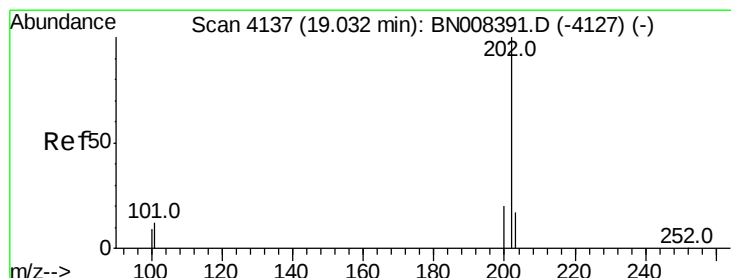
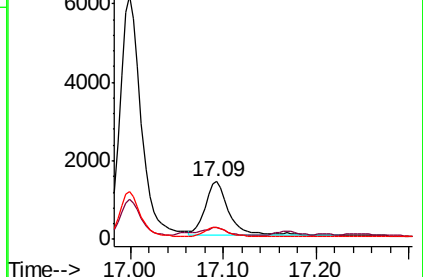
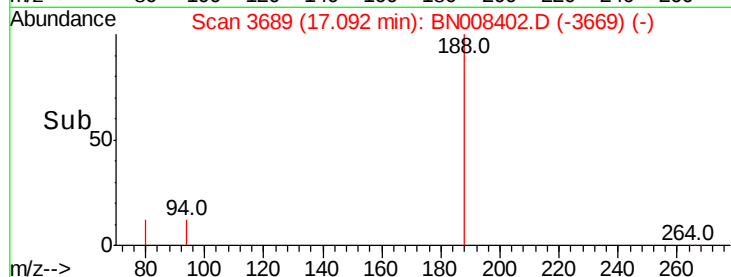
176 20.6 15.0 22.6



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: 0.527 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

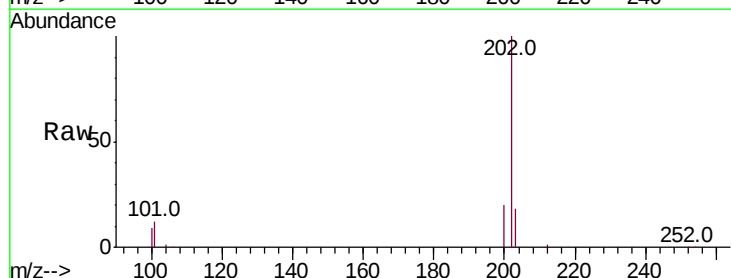
Tgt Ion:202 Resp: 23456

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.2

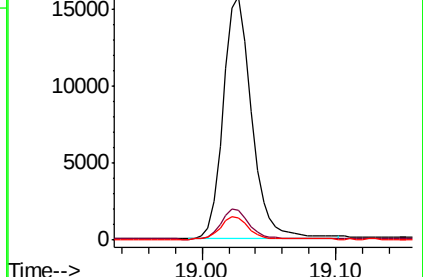
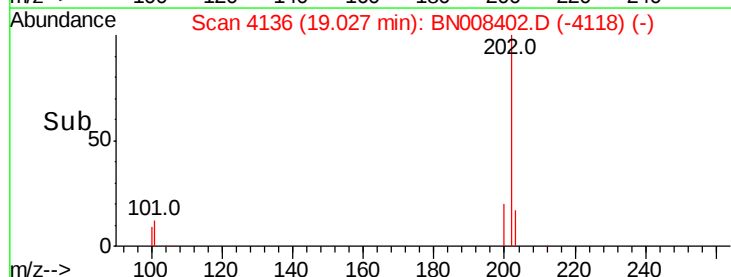
100 9.0 0.0 28.5

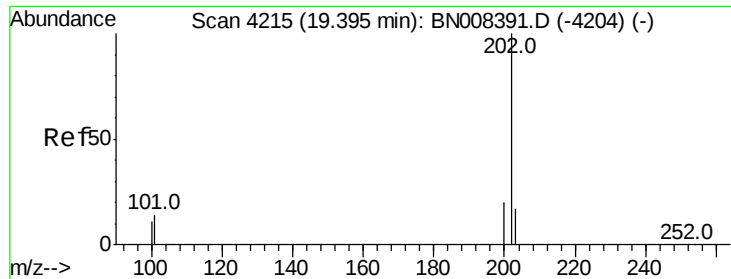


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

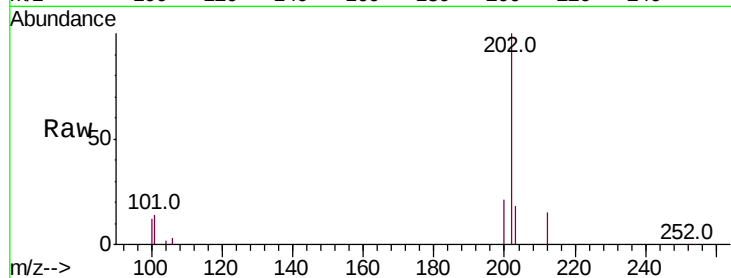




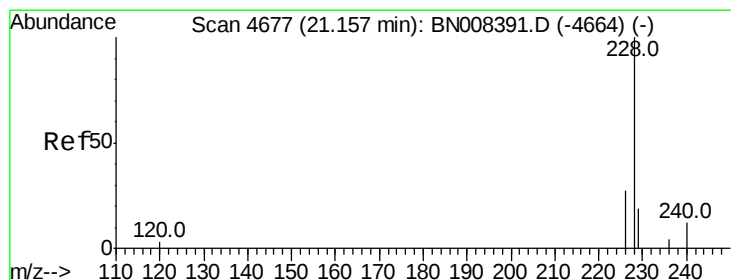
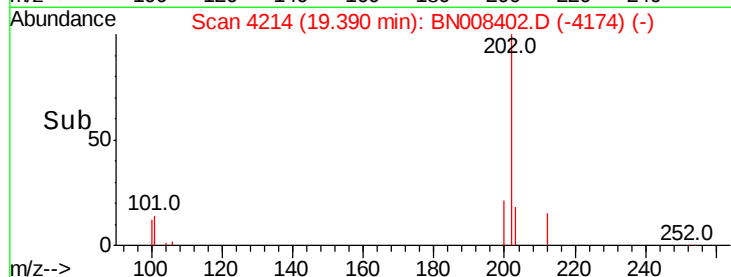
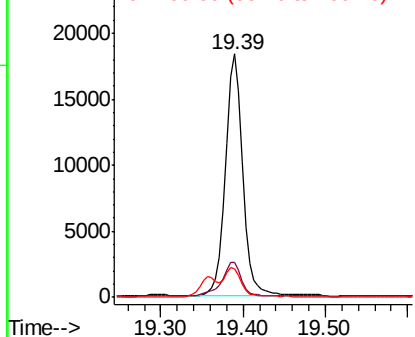
#17
Pvrene
Concen: 0.679 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008402.D
Acq: 24 Oct 2019 23:47

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp: 26929
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.8 8.7 13.1

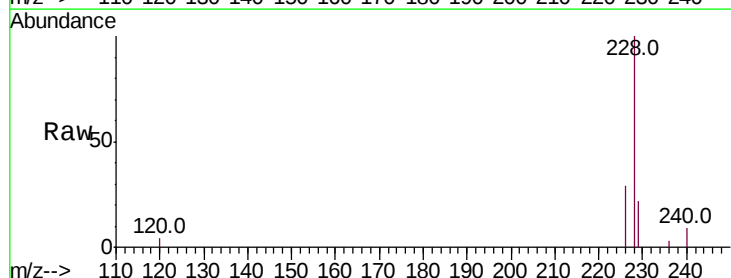


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

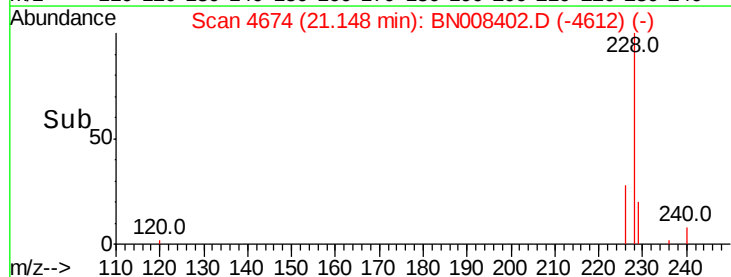
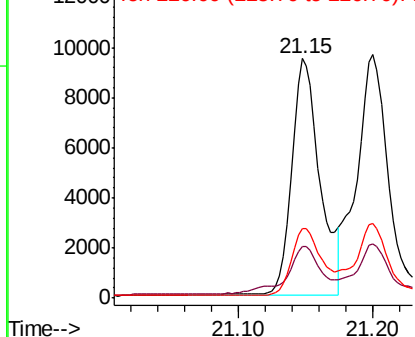


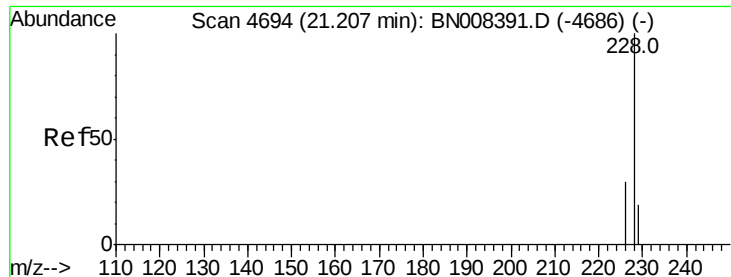
#18
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008402.D
Acq: 24 Oct 2019 23:47

Tgt Ion:228 Resp: 13911
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 29.1 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: 0.338 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.02 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

Instrument :

BNA_N

ClientSampleId :

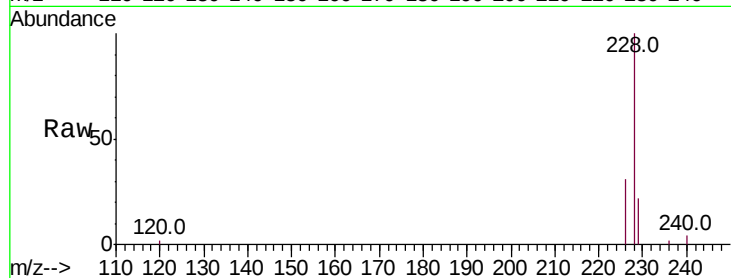
Tot Ion:228 Resp: 15006

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

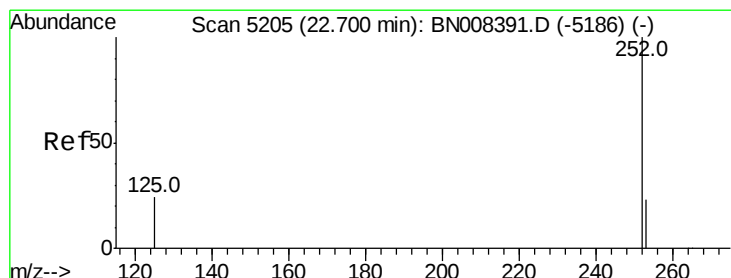
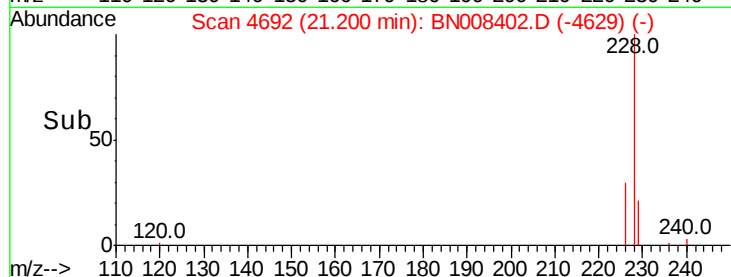
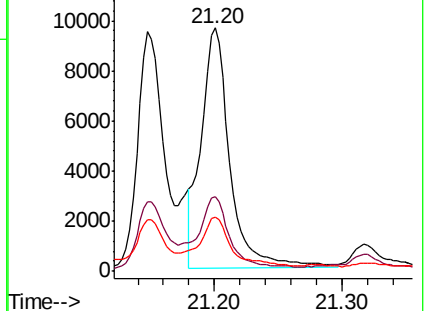
229 22.2 16.2 24.2



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: 0.823 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. -0.02 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

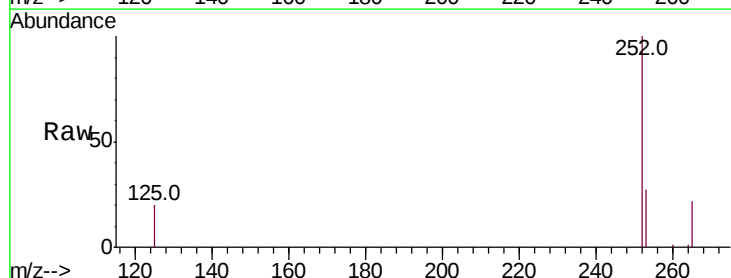
Tgt Ion:252 Resp: 21417

Ion Ratio Lower Upper

252 100

253 26.8 0.0 53.4

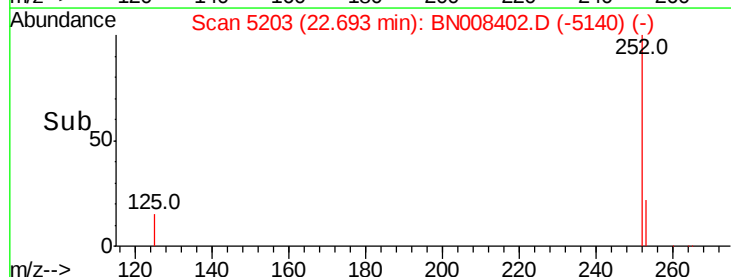
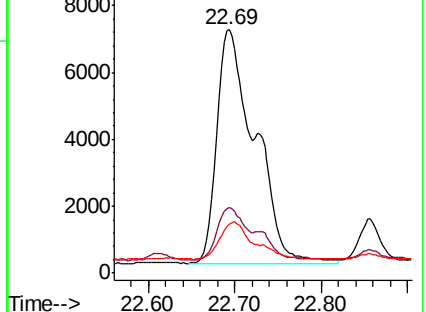
125 20.2 0.0 32.4

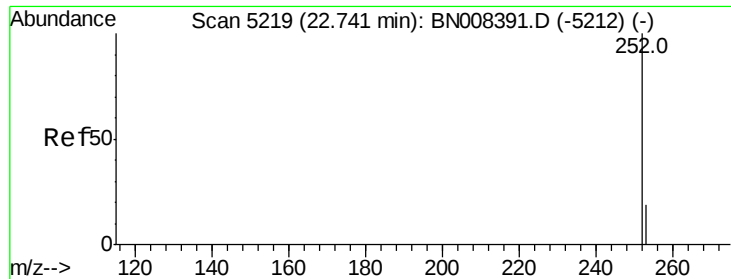


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.727 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. -0.06 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

Instrument :

BNA_N

ClientSampleId :

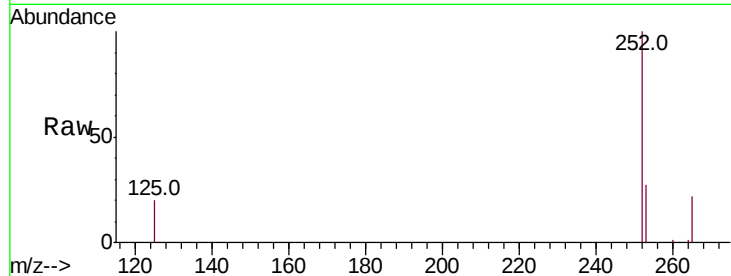
Tot Ion:252 Resp: 21417

Ion Ratio Lower Upper

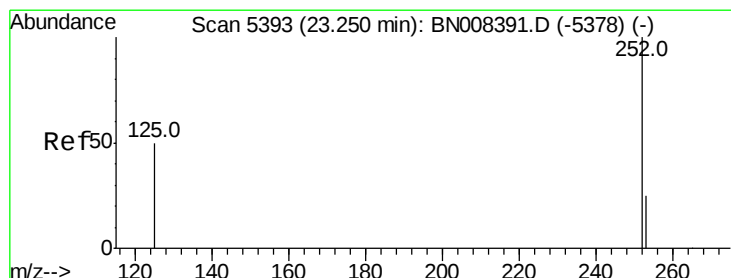
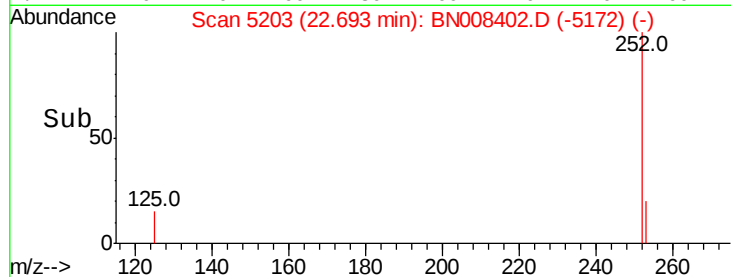
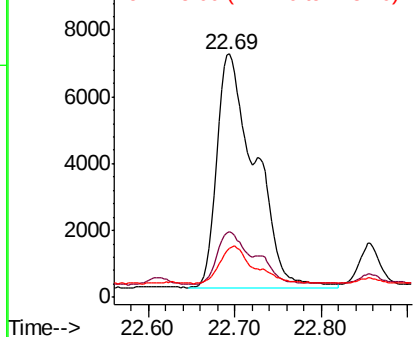
252 100

253 26.8 21.3 31.9

125 20.2 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: 0.405 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.02 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

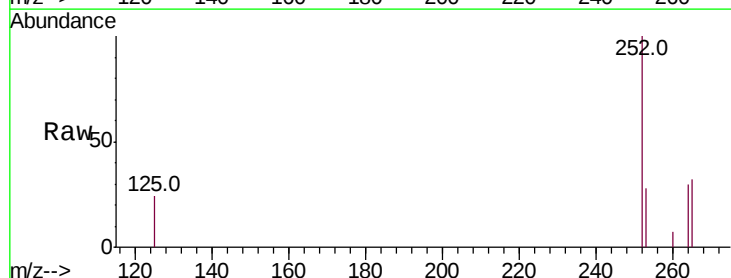
Tgt Ion:252 Resp: 11096

Ion Ratio Lower Upper

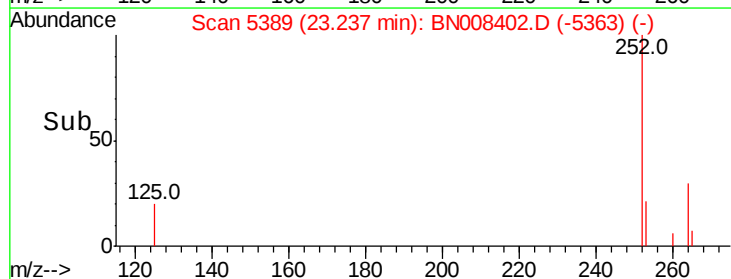
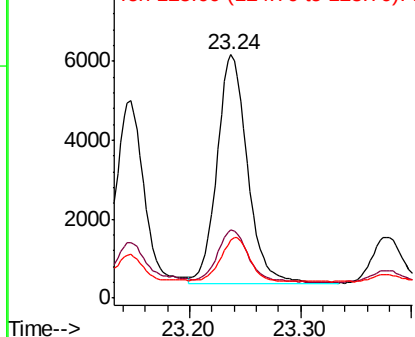
252 100

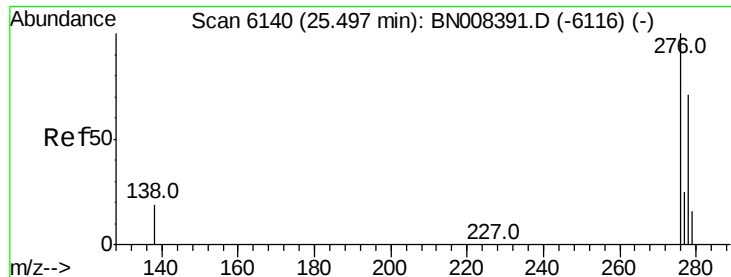
253 28.0 22.8 34.2

125 23.8 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



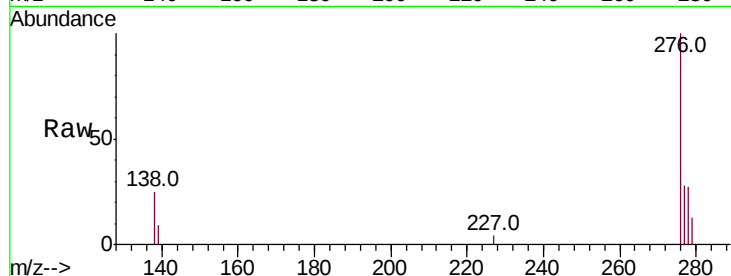


#24

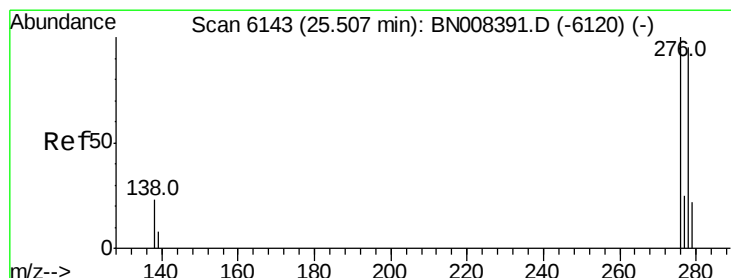
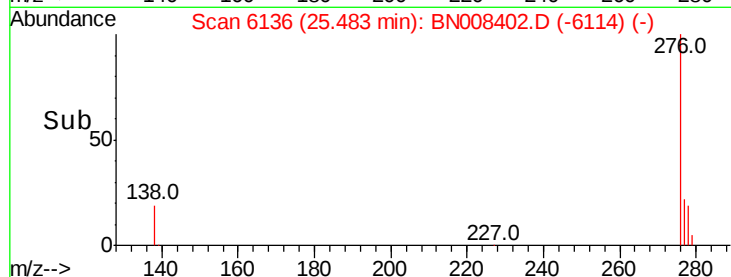
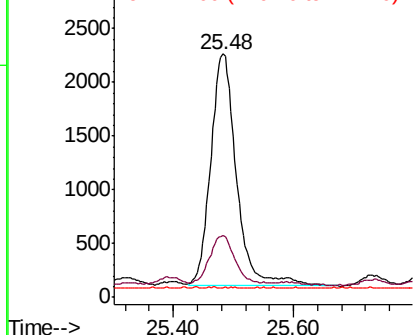
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.03 min
Lab File: BN008402.D
Acq: 24 Oct 2019 23:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 6451
Ion Ratio Lower Upper
276 100
138 19.2 16.1 24.1
227 0.2 0.2 0.2



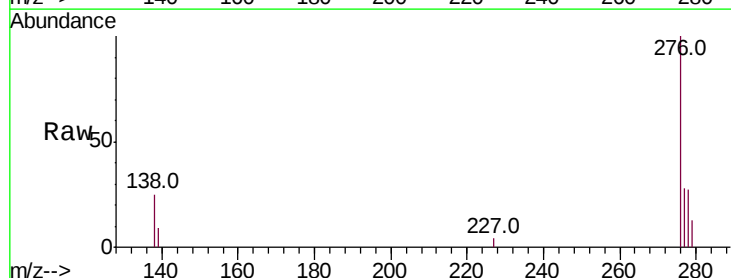
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



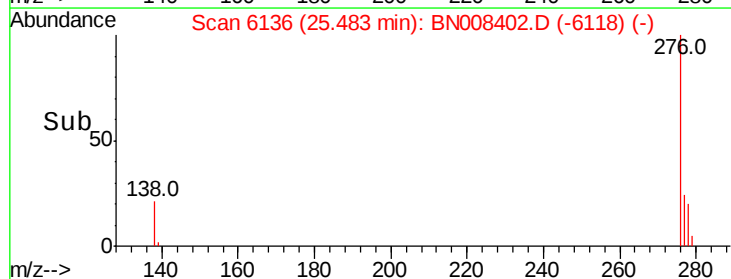
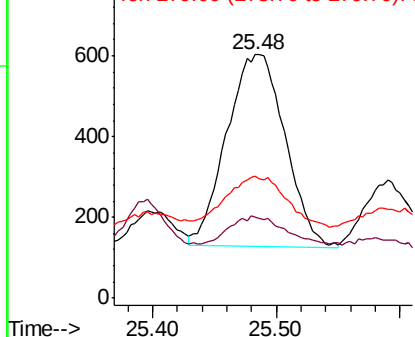
#25

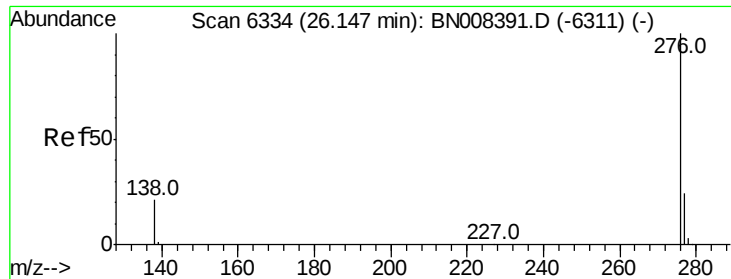
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.04 min
Lab File: BN008402.D
Acq: 24 Oct 2019 23:47

Tgt Ion:278 Resp: 1557
Ion Ratio Lower Upper
278 100
139 33.3 15.0 22.6#
279 50.2 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: 0.213 ng/ul

RT: 26.14 min Scan# 6331

Delta R.T. -0.03 min

Lab File: BN008402.D

Acq: 24 Oct 2019 23:47

Instrument :

BNA_N

ClientSampleId :

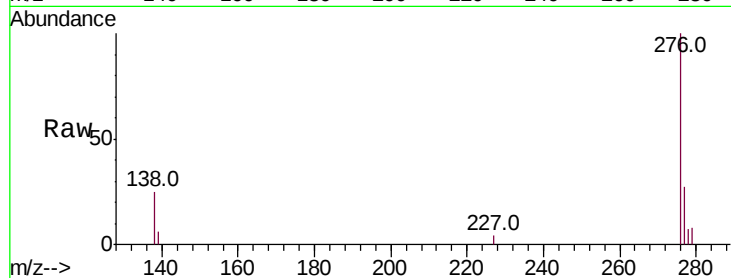
Tot Ion:276 Resp: 6286

Ion Ratio Lower Upper

276 100

138 25.2 17.0 25.4

277 27.3 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

