

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008399.D
 Acq On : 24 Oct 2019 22:00
 Operator : JU
 Sample : K5236-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 00:53:21 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

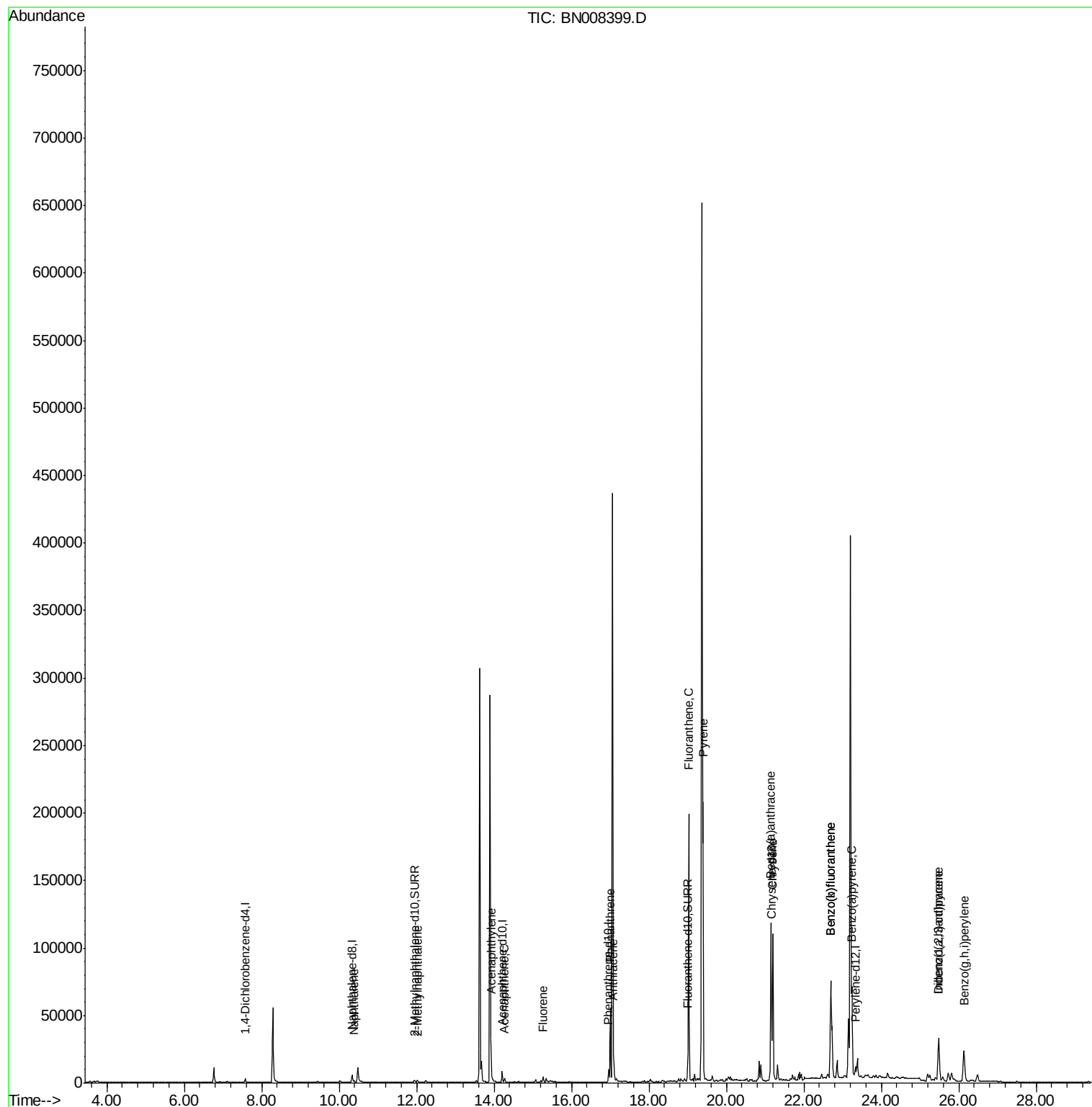
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1560	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	7630	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	4743	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10708	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	10512	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	8995	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2312	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	7470	0.20	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	2000	0.092	ng/ul#	92
5) 2-Methylnaphthalene	12.01	142	1040	0.070	ng/ul	100
7) Acenaphthylene	13.93	152	7025	0.311	ng/ul	98
8) Acenaphthene	14.27	153	1845	0.105	ng/ul	97
9) Fluorene	15.26	166	2698	0.135	ng/ul#	96
12) Phenanthrene	17.00	178	58249	1.858	ng/ul	99
13) Anthracene	17.09	178	12320	0.447	ng/ul	100
15) Fluoranthene	19.02	202	164308	3.968	ng/ul	97
17) Pyrene	19.39	202	163365	3.903	ng/ul	100
18) Benzo(a)anthracene	21.15	228	96268	2.519	ng/ul	97
19) Chrysene	21.20	228	106763	2.276	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	156694	5.351	ng/ul	92
22) Benzo(k)fluoranthene	22.69	252	156694	4.724	ng/ul	93
23) Benzo(a)pyrene	23.24	252	78744	2.556	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.48	276	47021	1.296	ng/ul	99
25) Dibenzo(a,h)anthracene	25.48	278	12709	0.443	ng/ul	97
26) Benzo(a,h,i)perylene	26.13	276	46758	1.405	ng/ul	98

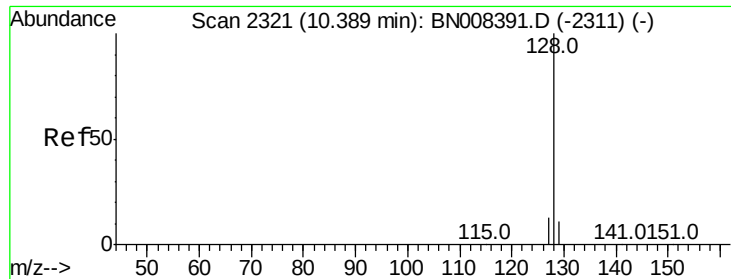
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008399.D
Acq On : 24 Oct 2019 22:00
Operator : JU
Sample : K5236-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 25 00:53:21 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





#3

Naphthalene

Concen: 0.092 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

ClientSampleId :

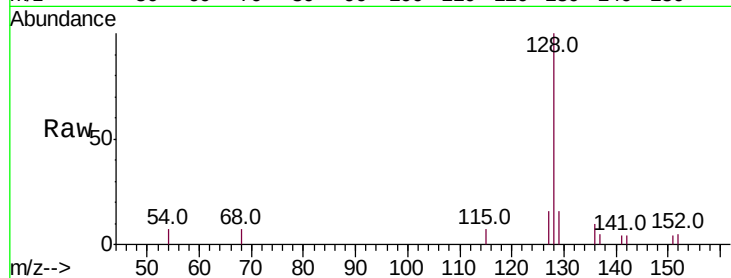
Tot Ion:128 Resp: 2000

Ion Ratio Lower Upper

128 100

129 15.8 9.8 14.8#

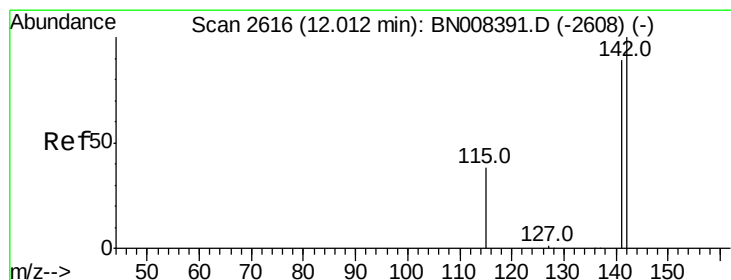
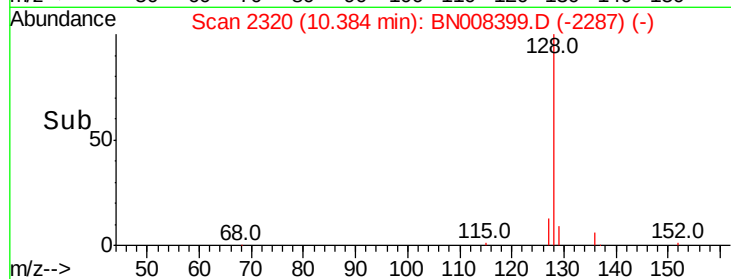
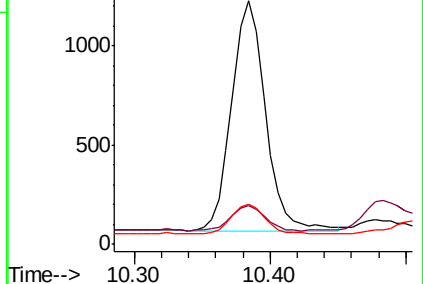
127 16.5 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.01 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BN008399.D

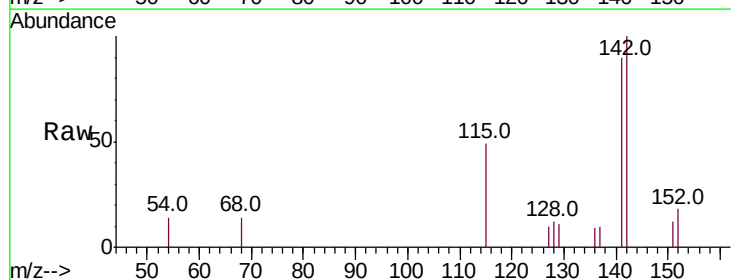
Acq: 24 Oct 2019 22:00

Tgt Ion:142 Resp: 1040

Ion Ratio Lower Upper

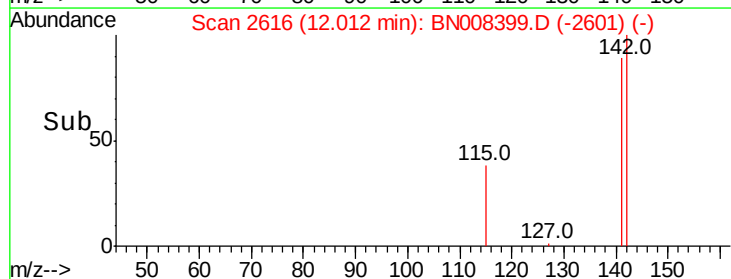
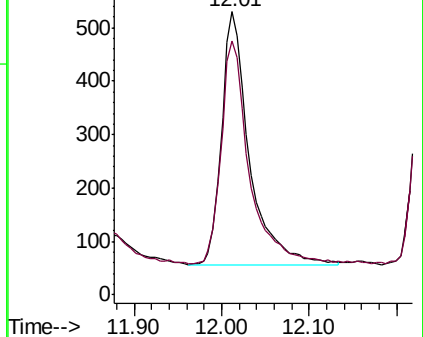
142 100

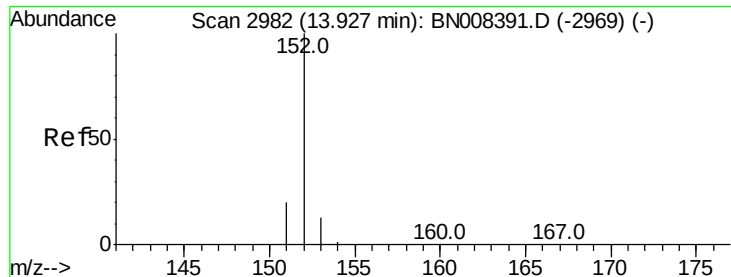
141 89.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.311 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

ClientSampled :

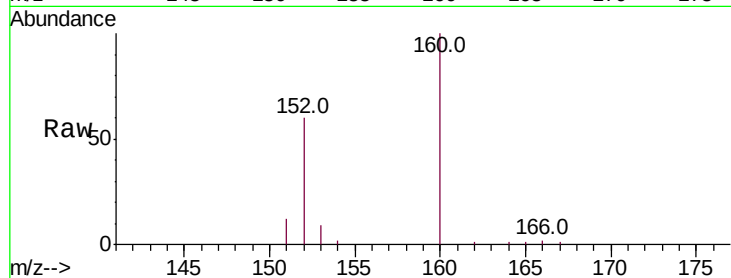
Tot Ion:152 Resp: 7025

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

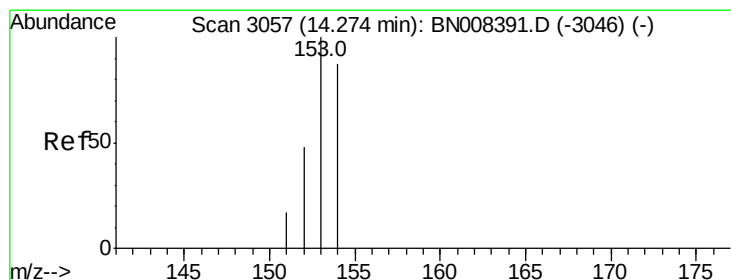
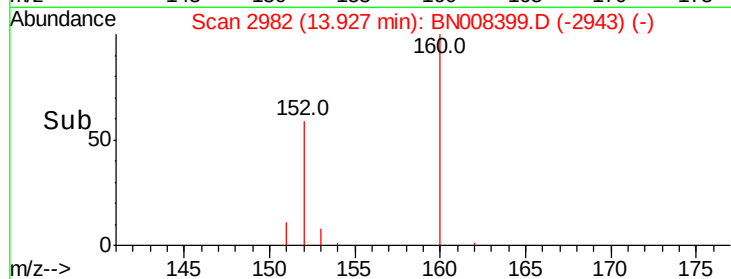
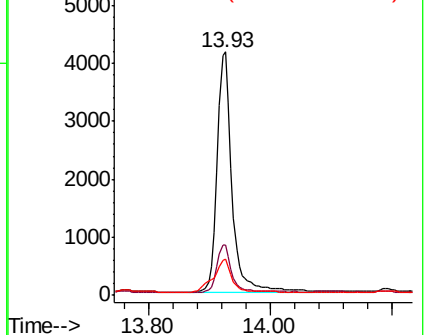
153 15.1 11.0 16.4



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: 0.105 ng/ul

RT: 14.27 min Scan# 3056

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

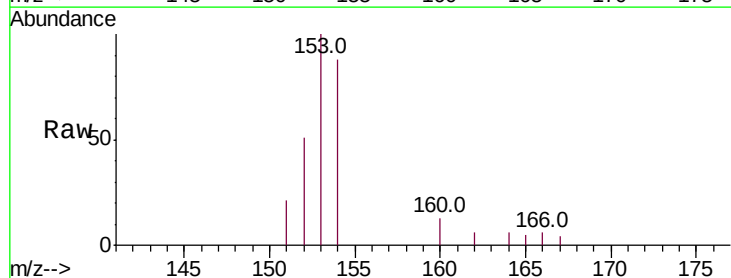
Tgt Ion:153 Resp: 1845

Ion Ratio Lower Upper

153 100

152 51.3 38.2 57.2

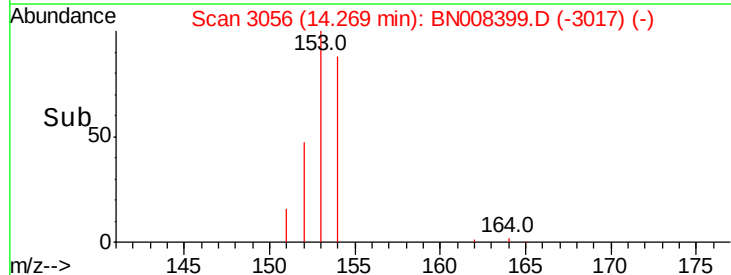
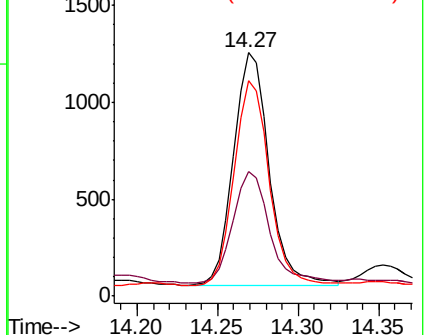
154 88.4 71.8 107.8

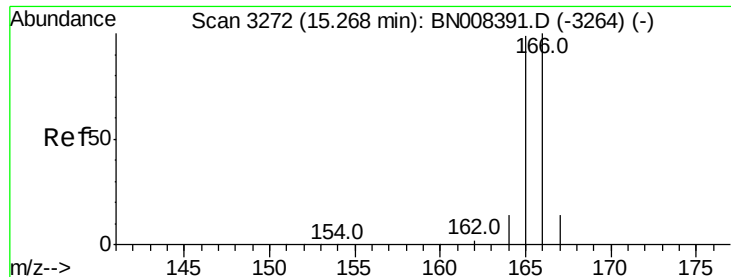


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.135 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

ClientSampleId :

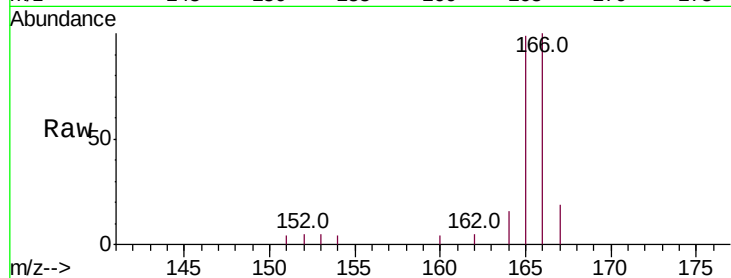
Tot Ion:166 Resp: 2698

Ion Ratio Lower Upper

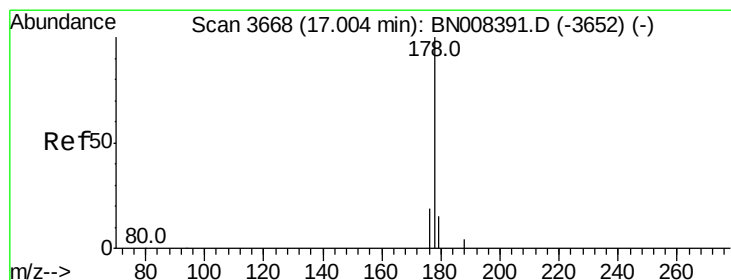
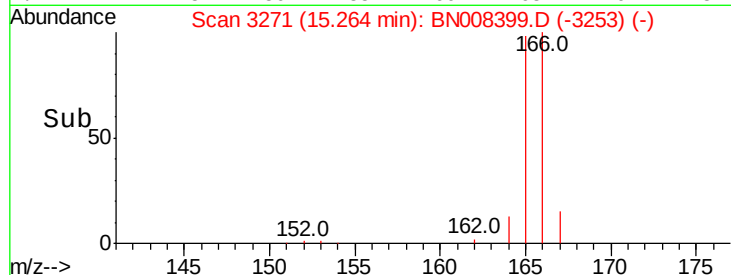
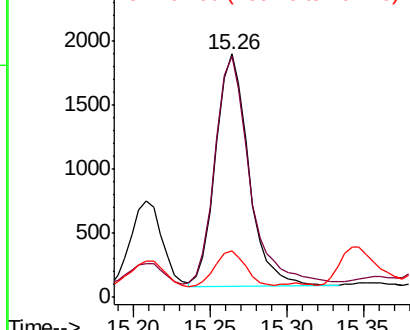
166 100

165 98.9 76.6 115.0

167 19.1 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



#12

Phenanthrene

Concen: 1.858 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

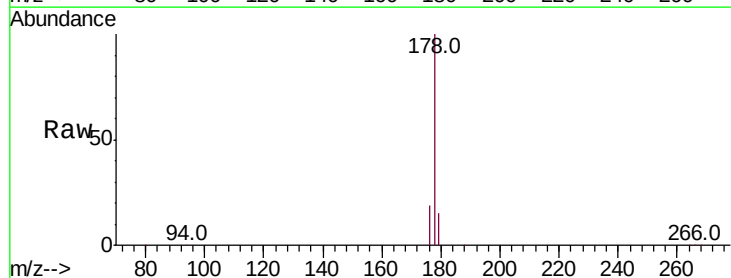
Tgt Ion:178 Resp: 58249

Ion Ratio Lower Upper

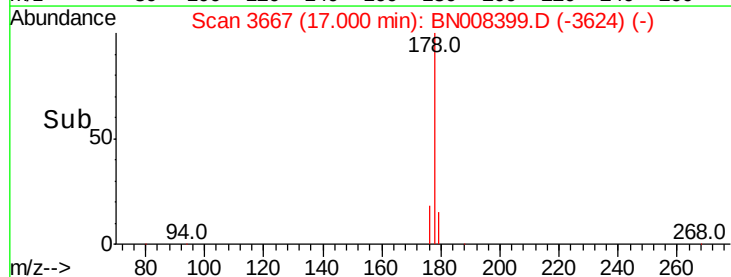
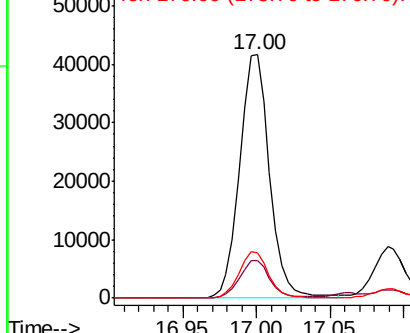
178 100

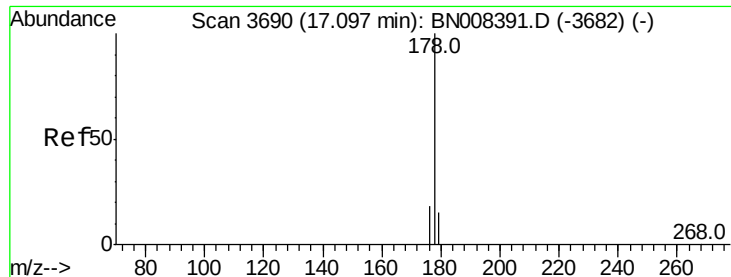
179 15.4 12.8 19.2

176 18.6 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: 0.447 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

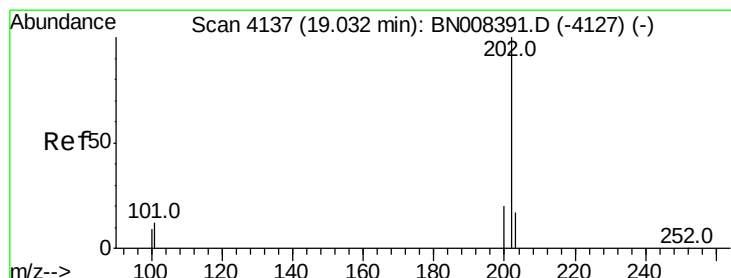
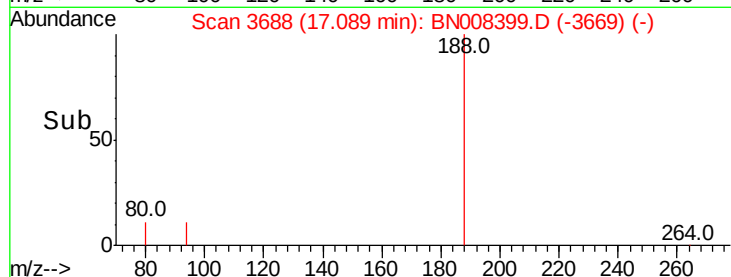
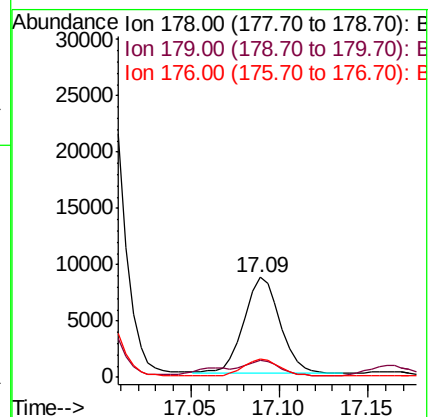
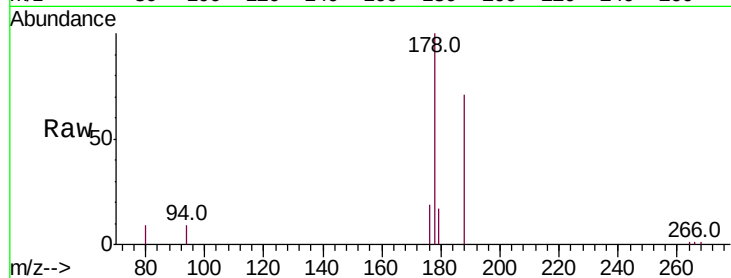
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 12320

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	18.7	15.0	22.6



#15

Fluoranthene

Concen: 3.968 ng/ul

RT: 19.02 min Scan# 4135

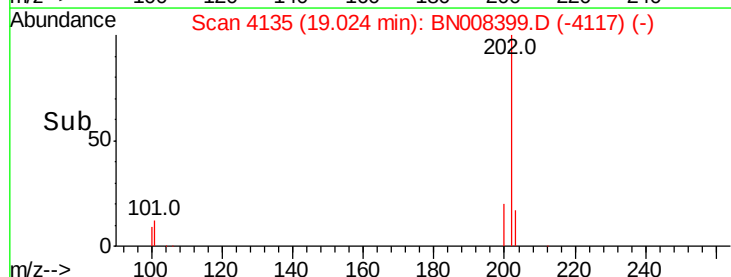
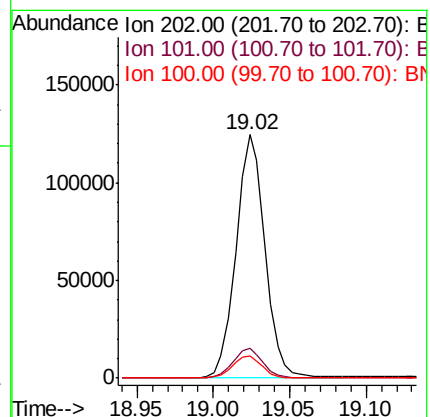
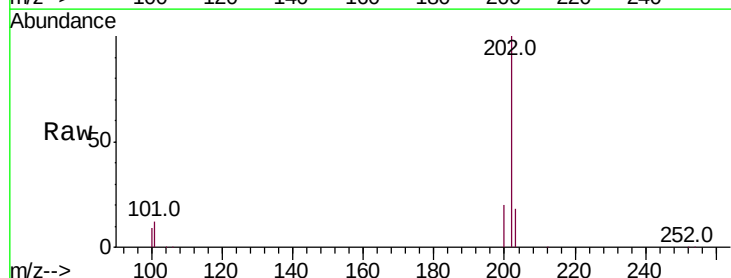
Delta R.T. -0.02 min

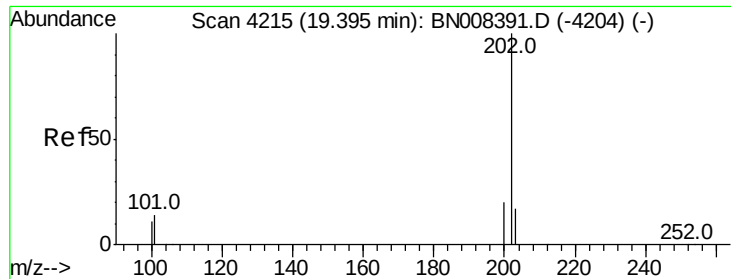
Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Tgt Ion:202 Resp: 164308

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.2
100	9.3	0.0	28.5

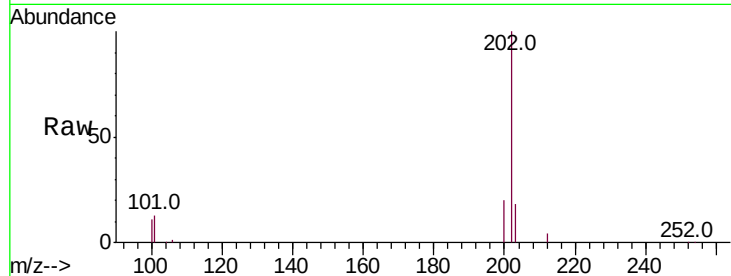




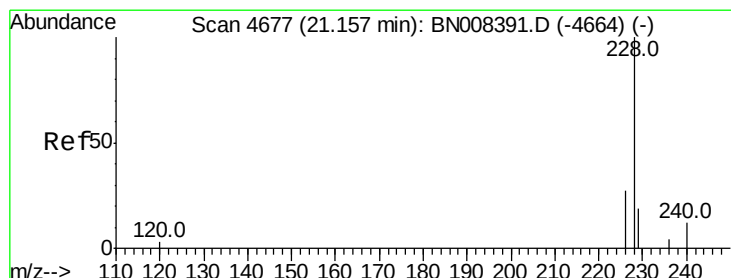
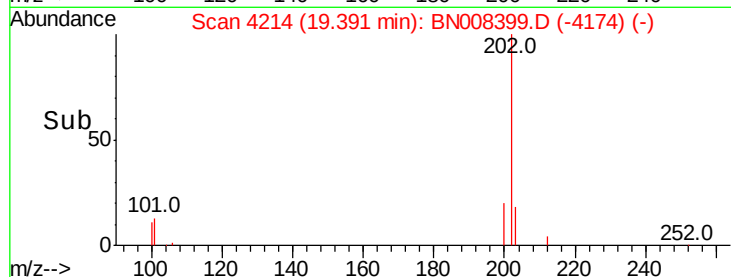
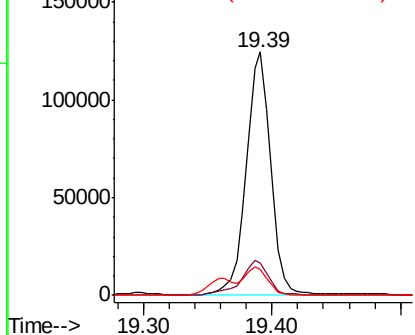
#17
Pvrene
Concen: 3.903 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 163365
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 11.0 8.7 13.1

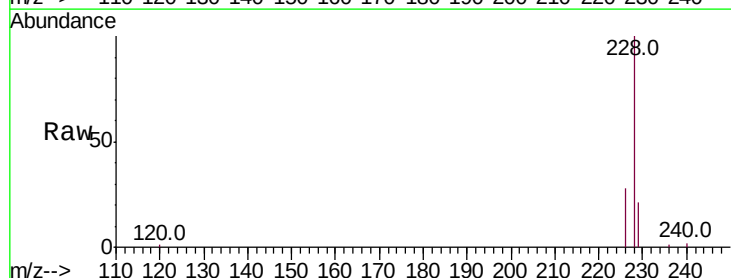


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

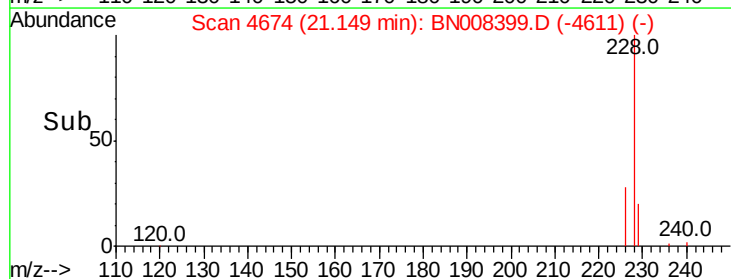
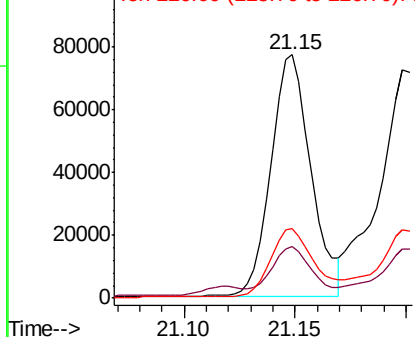


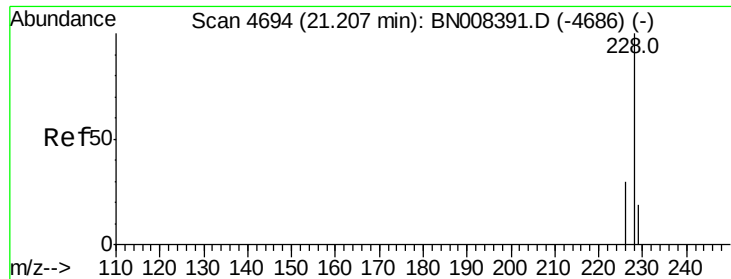
#18
Benzo(a)anthracene
Concen: 2.519 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Tgt Ion:228 Resp: 96268
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 28.4 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: 2.276 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

ClientSampleId :

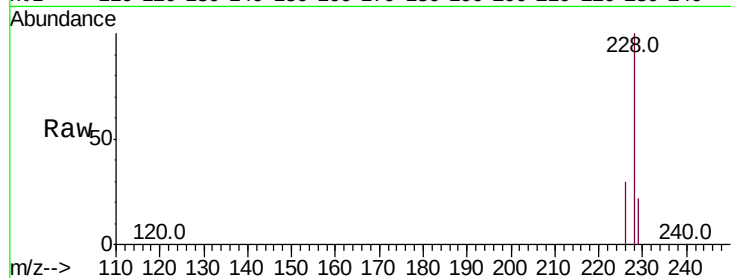
Tot Ion:228 Resp: 106763

Ion Ratio Lower Upper

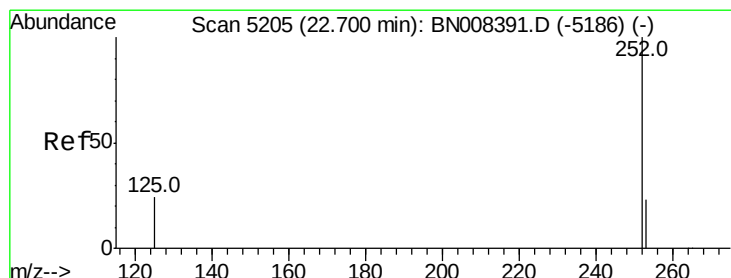
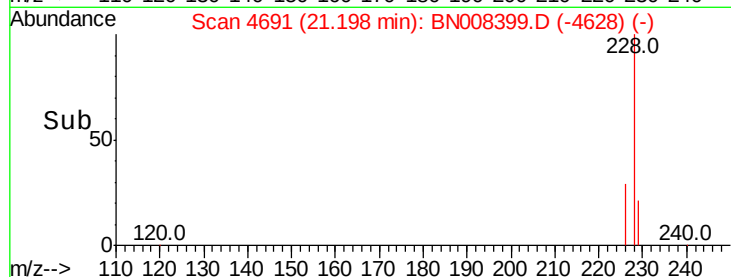
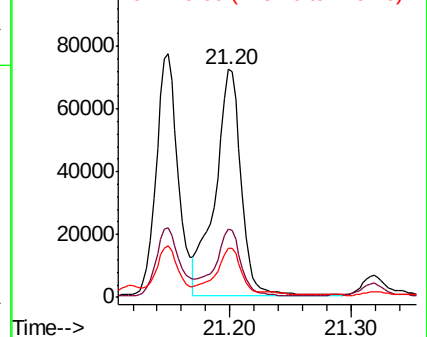
228 100

226 29.7 24.1 36.1

229 21.6 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: 5.351 ng/ul

RT: 22.69 min Scan# 5202

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

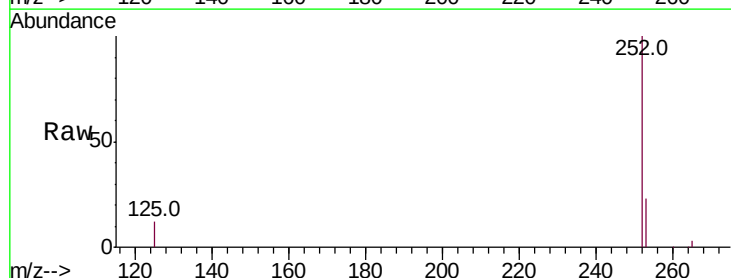
Tgt Ion:252 Resp: 156694

Ion Ratio Lower Upper

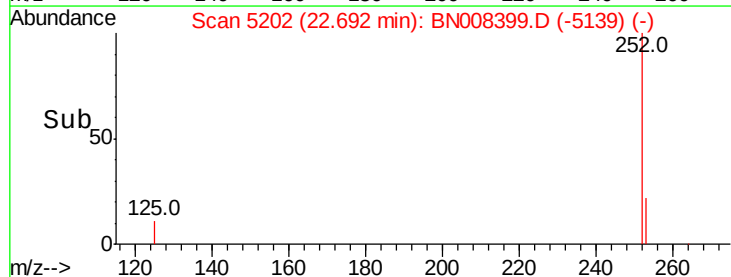
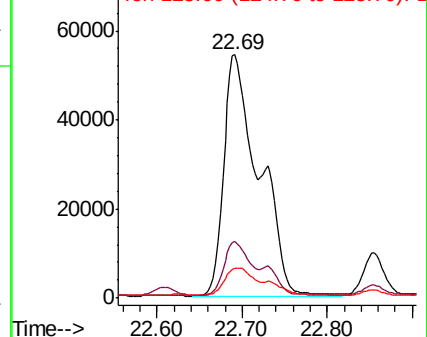
252 100

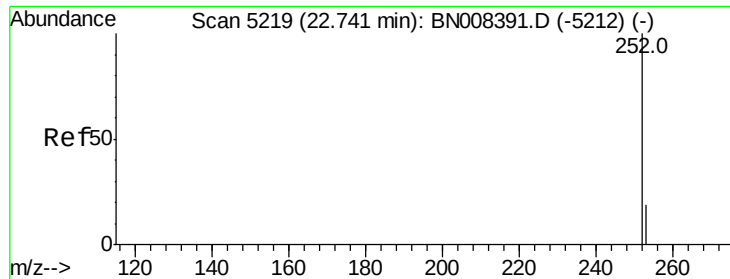
253 23.1 0.0 53.4

125 12.5 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

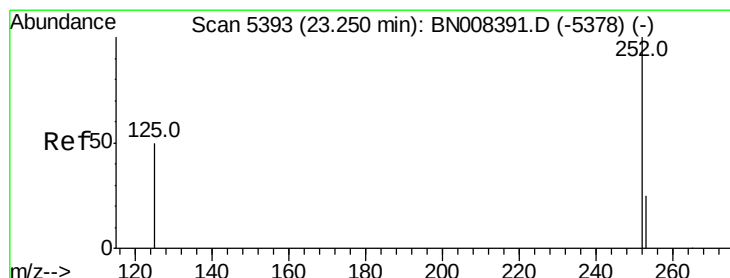
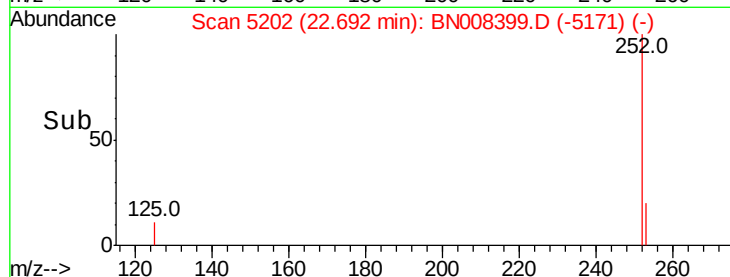
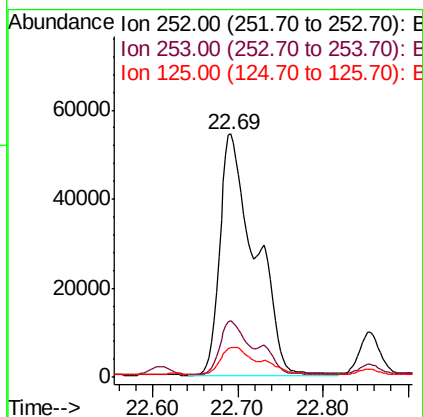
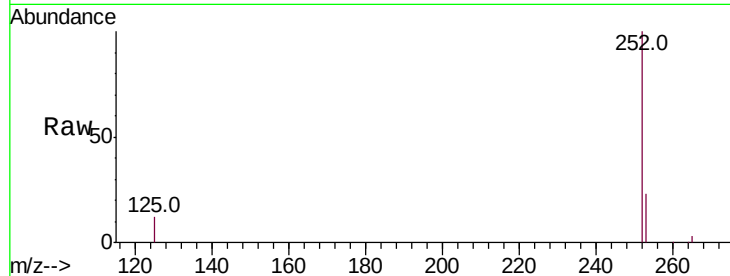




#22
Benzo(k)fluoranthene
Concen: 4.724 ng/ul
RT: 22.69 min Scan# 5202
Delta R.T. -0.06 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

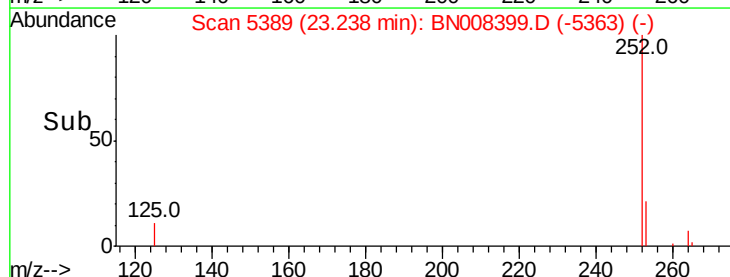
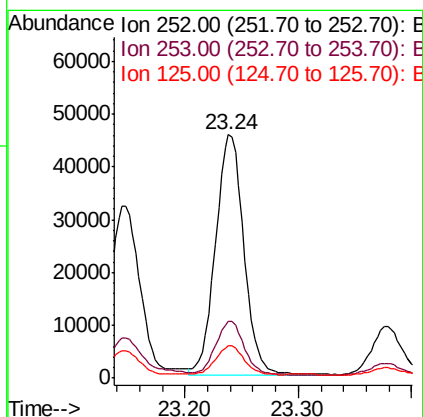
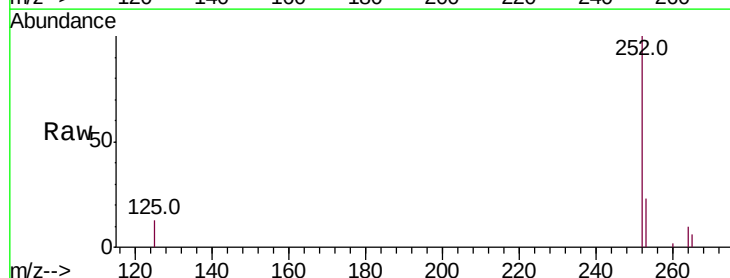
Instrument :
BNA_N
ClientSampleId :

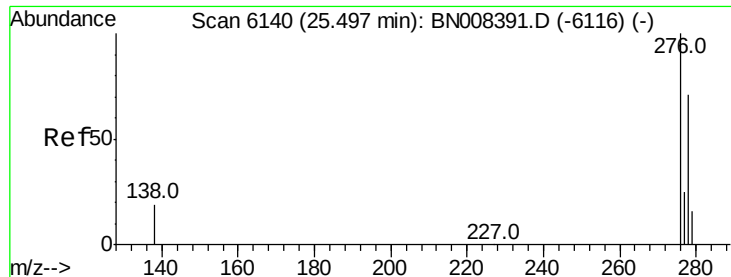
Tot Ion:252 Resp: 156694
Ion Ratio Lower Upper
252 100
253 23.1 21.3 31.9
125 12.5 12.3 18.5



#23
Benzo(a)pyrene
Concen: 2.556 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Tgt Ion:252 Resp: 78744
Ion Ratio Lower Upper
252 100
253 23.3 22.8 34.2
125 13.2 18.4 27.6#



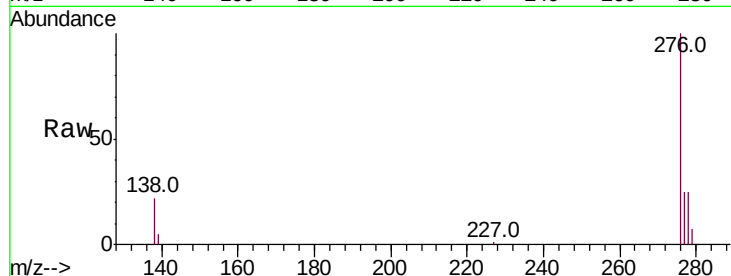


#24

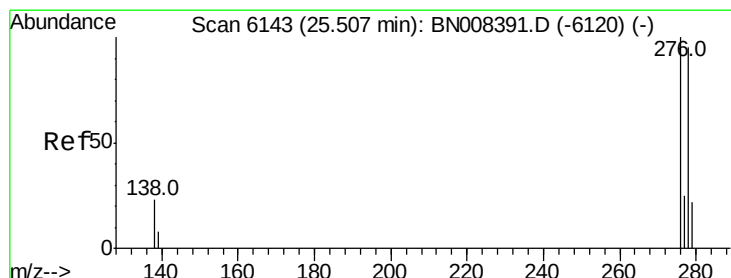
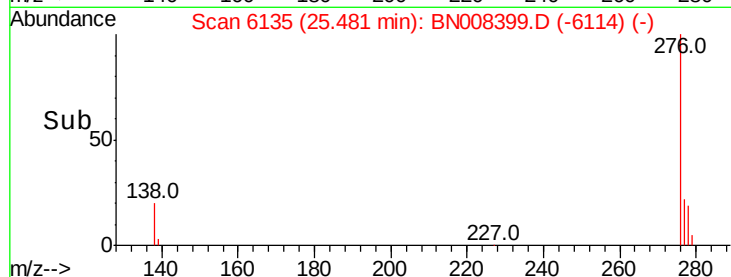
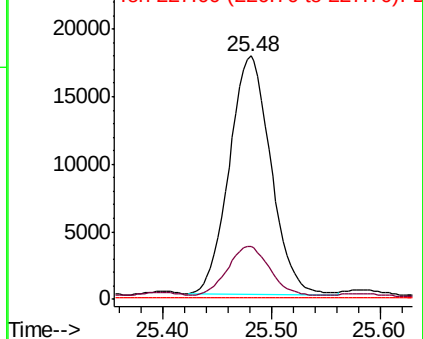
Indeno(1,2,3-cd)pyrene
Concen: 1.296 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.03 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 47021
Ion Ratio Lower Upper
276 100
138 20.8 16.1 24.1
227 0.2 0.2 0.2



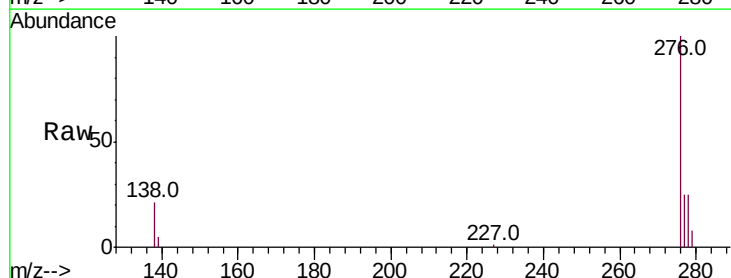
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



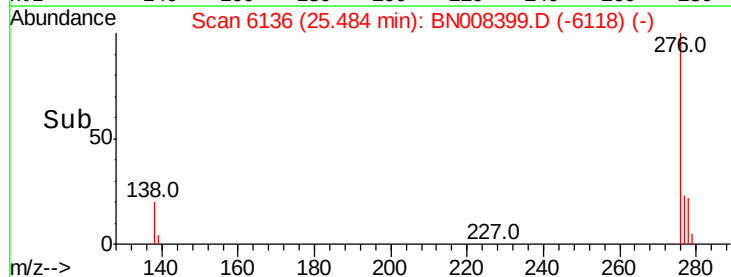
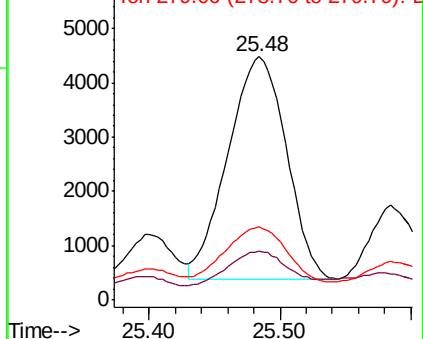
#25

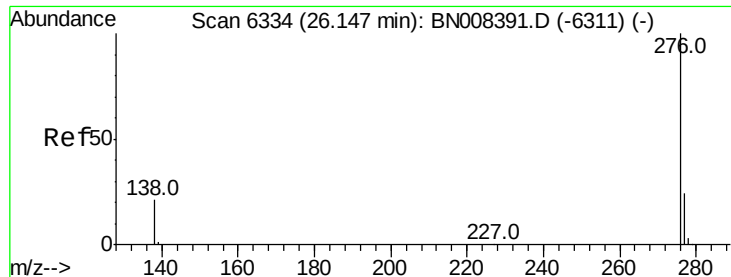
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.04 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Tgt Ion:278 Resp: 12709
Ion Ratio Lower Upper
278 100
139 20.1 15.0 22.6
279 29.9 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: 1.405 ng/ul

RT: 26.13 min Scan# 6329

Delta R.T. -0.04 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

ClientSampleId :

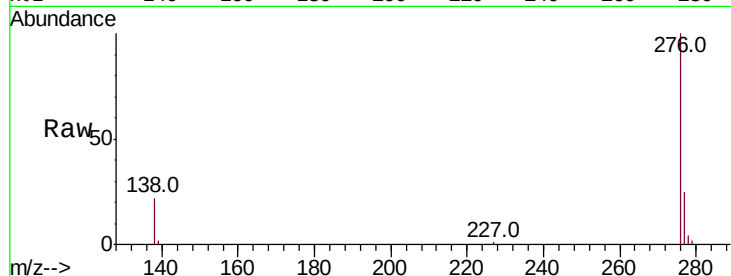
Tot Ion:276 Resp: 46758

Ion Ratio Lower Upper

276 100

138 22.3 17.0 25.4

277 24.5 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

