

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009046.D
 Acq On : 20 Dec 2019 01:25
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 05:06:49 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 : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

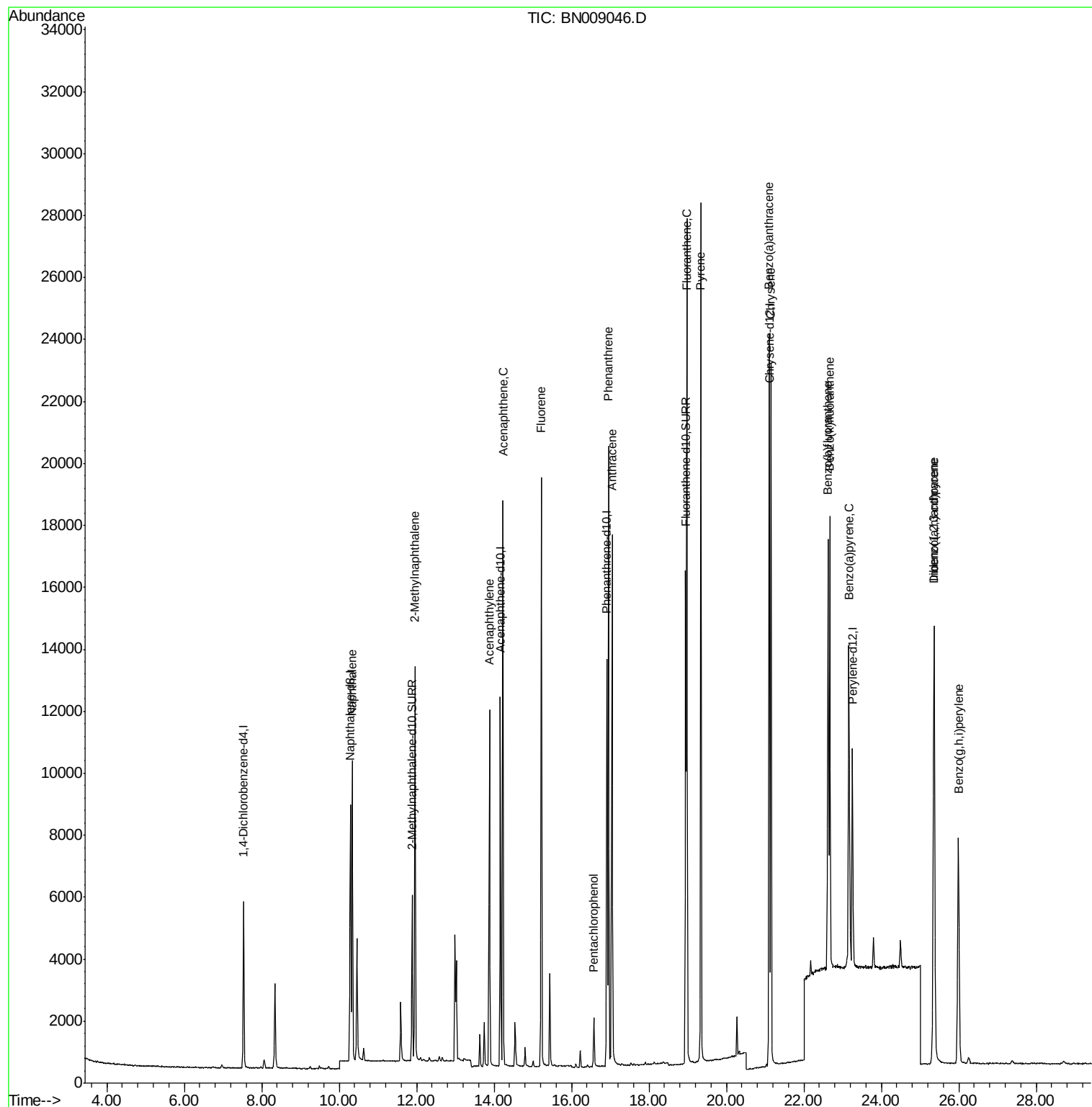
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2689	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.28	136	10303	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.16	164	6410	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	14526	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9956	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8428	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	7092	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	17039	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.33	128	12767	0.409	ng/ul	100
5) 2-Methylnaphthalene	11.96	142	9174	0.389	ng/ul	100
7) Acenaphthylene	13.88	152	13145	0.390	ng/ul	99
8) Acenaphthene	14.23	153	10294	0.390	ng/ul	99
9) Fluorene	15.22	166	12250	0.392	ng/ul	99
11) Pentachlorophenol	16.57	266	1234	0.319	ng/ul	98
12) Phenanthrene	16.95	178	20646	0.409	ng/ul	100
13) Anthracene	17.05	178	18565	0.410	ng/ul	100
15) Fluoranthene	18.98	202	22892	0.396	ng/ul	97
17) Pyrene	19.34	202	22606	0.445	ng/ul	97
18) Benzo(a)anthracene	21.10	228	18704	0.423	ng/ul	99
19) Chrysene	21.15	228	18902	0.425	ng/ul	100
21) Benzo(b)fluoranthene	22.62	252	16107	0.409	ng/ul	98
22) Benzo(k)fluoranthene	22.67	252	17111	0.431	ng/ul	96
23) Benzo(a)pyrene	23.16	252	14912	0.432	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.36	276	15967	0.425	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.37	278	12741	0.426	ng/ul	98
26) Benzo(g,h,i)perylene	25.99	276	13529	0.428	ng/ul	99

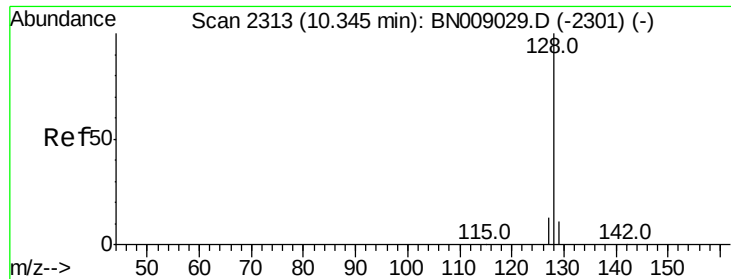
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009046.D
Acq On : 20 Dec 2019 01:25
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 05:06:49 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 : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration





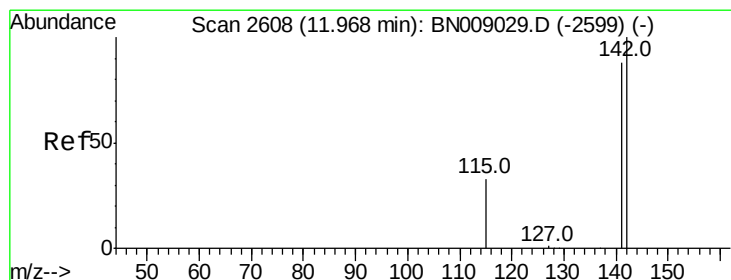
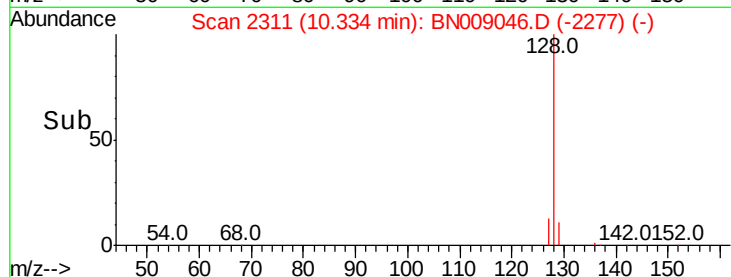
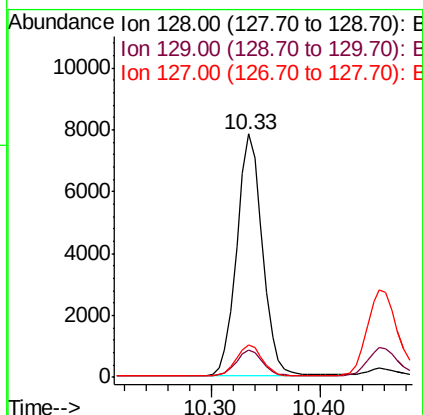
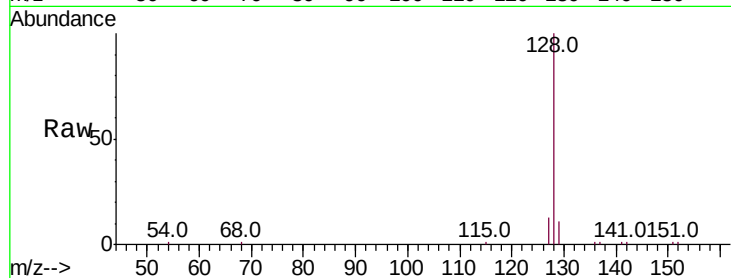
#3

Naphthalene

Concen: 0.409 ng/ul
 RT: 10.33 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BN009046.D
 Acq: 20 Dec 2019 01:25

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:128 Resp: 12767
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.4
 127 13.4 10.9 16.3

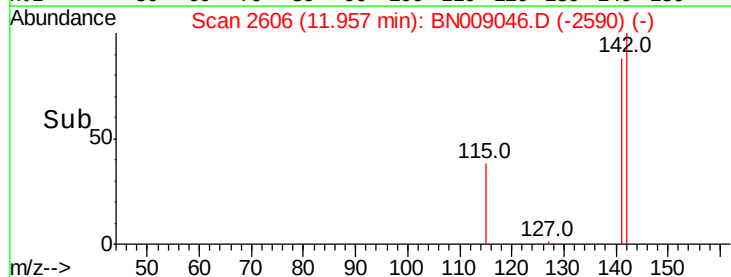
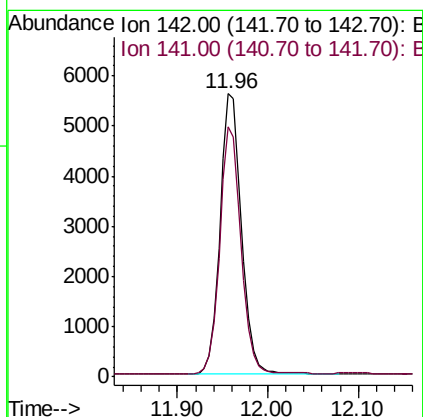
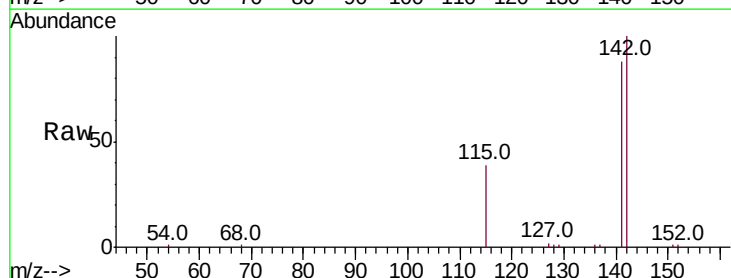


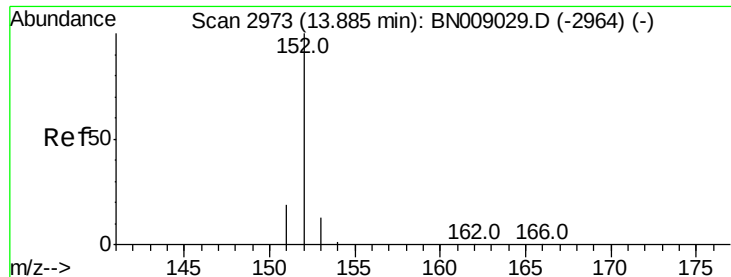
#5

2-Methylnaphthalene

Concen: 0.389 ng/ul
 RT: 11.96 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BN009046.D
 Acq: 20 Dec 2019 01:25

Tgt Ion:142 Resp: 9174
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.2 105.4





#7

Acenaphthylene

Concen: 0.390 ng/ul

RT: 13.88 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

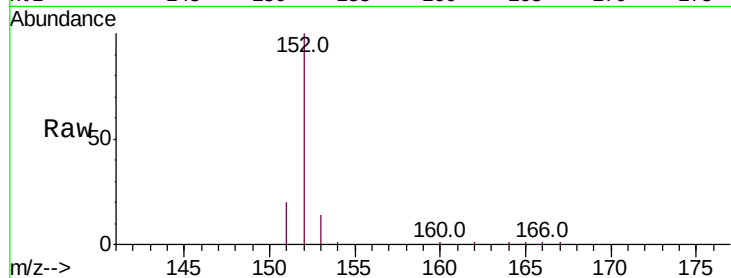
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 13145

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.6	10.8	16.2

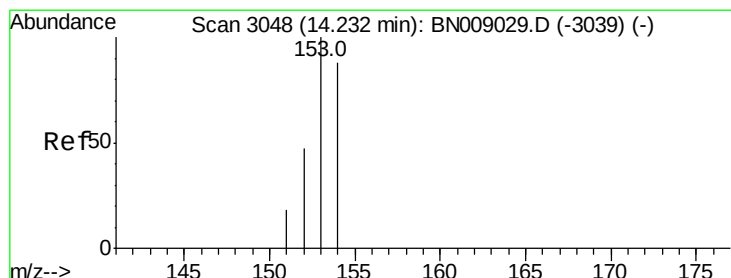
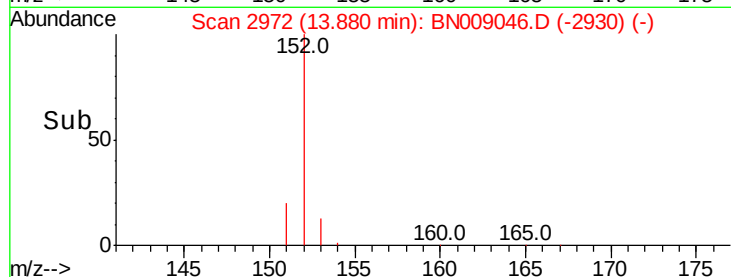
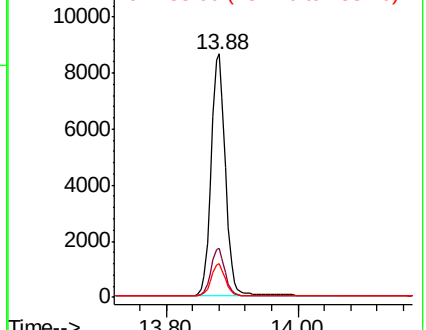


Abundance

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: 0.390 ng/ul

RT: 14.23 min Scan# 3047

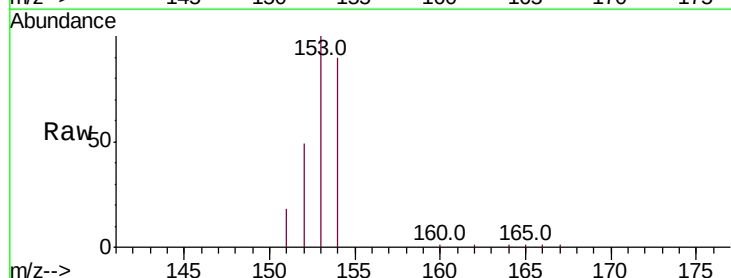
Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

Tgt Ion:153 Resp: 10294

Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.5	59.3
154	90.0	71.3	106.9

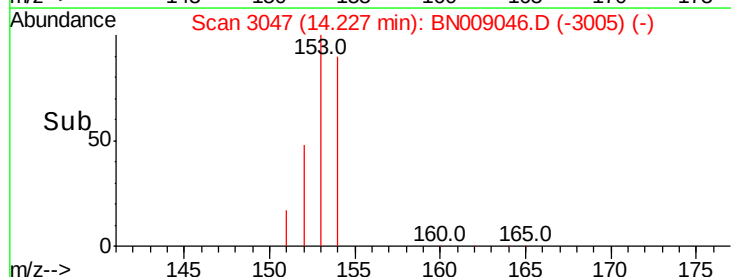
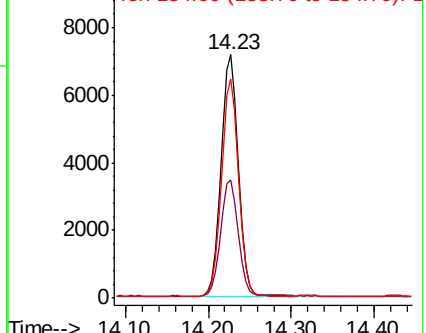


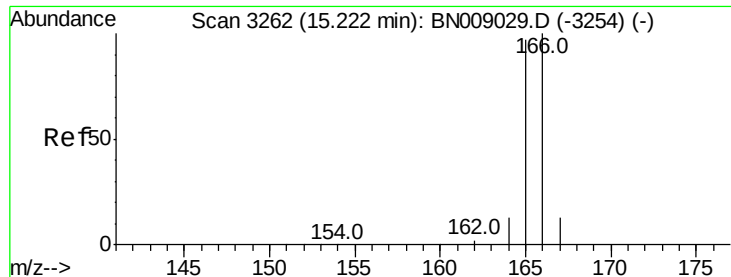
Abundance

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: 0.392 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

Instrument :

BNA_N

ClientSampleId :

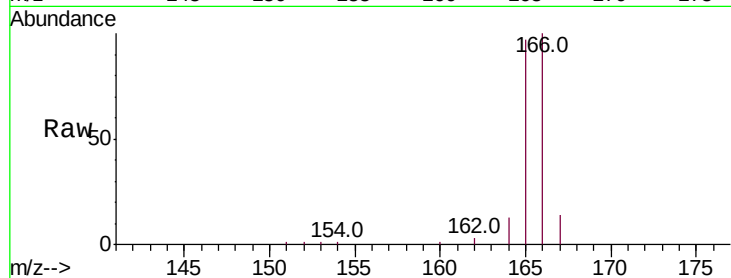
Tot Ion:166 Resp: 12250

Ion Ratio Lower Upper

166 100

165 97.1 78.2 117.4

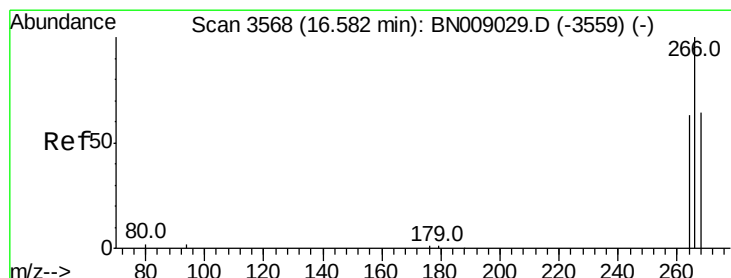
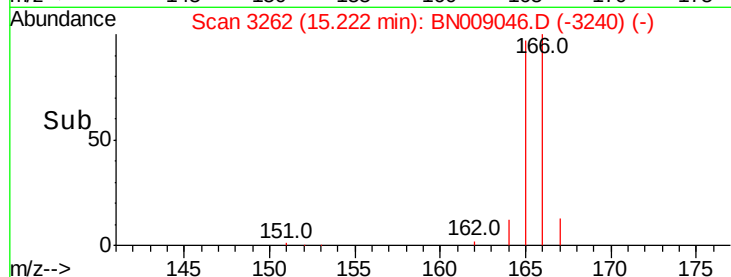
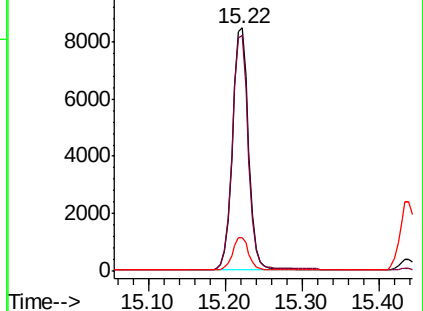
167 14.0 11.0 16.6



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



#11

Pentachlorophenol

Concen: 0.319 ng/ul

RT: 16.57 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

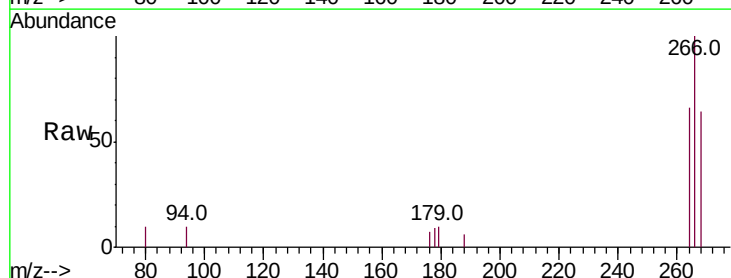
Tgt Ion:266 Resp: 1234

Ion Ratio Lower Upper

266 100

264 62.6 49.9 74.9

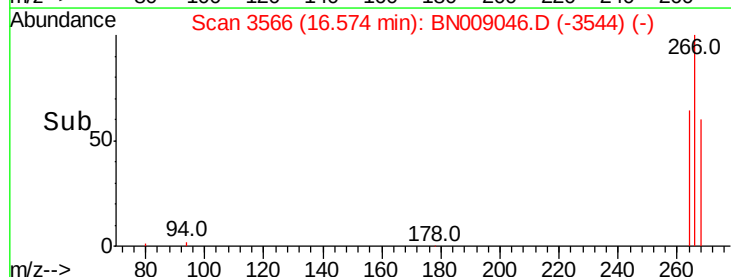
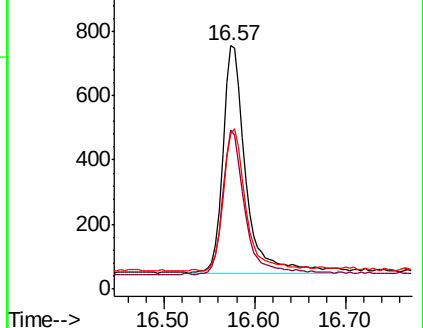
268 62.1 52.1 78.1

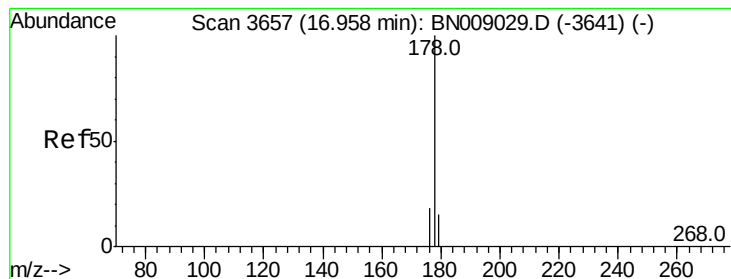


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.409 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

Instrument :

BNA_N

ClientSampleId :

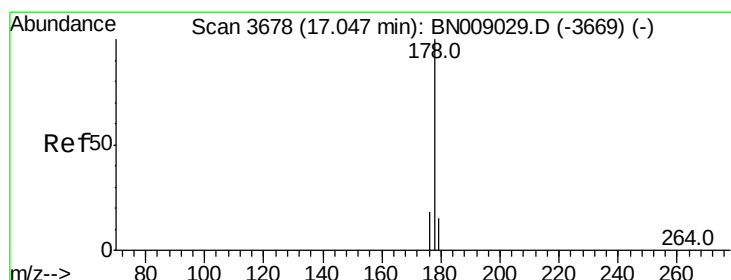
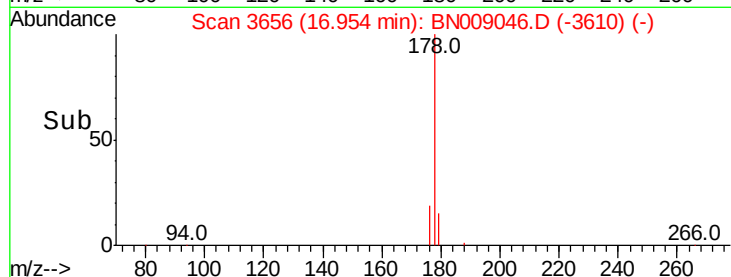
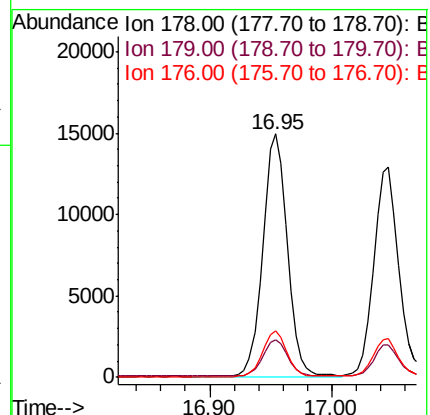
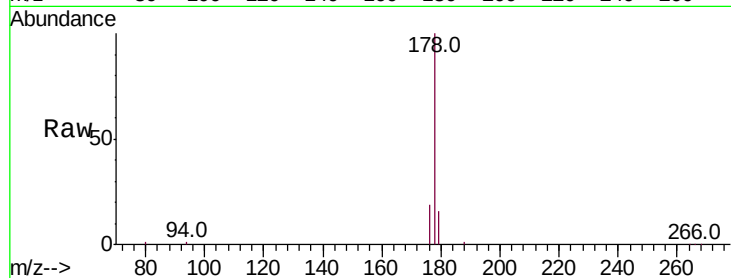
Tot Ion:178 Resp: 20646

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.0 15.1 22.7



#13

Anthracene

Concen: 0.410 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

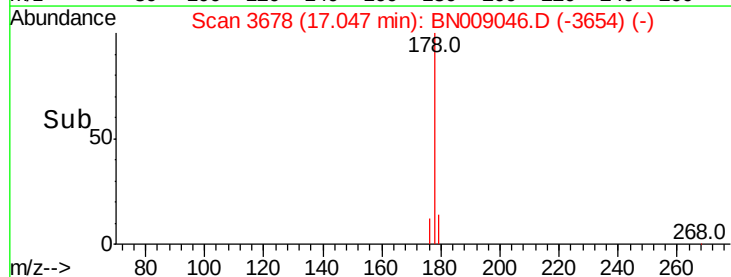
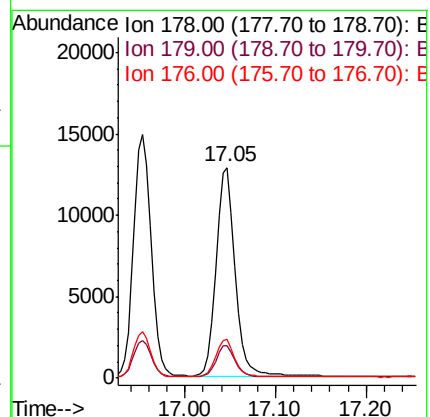
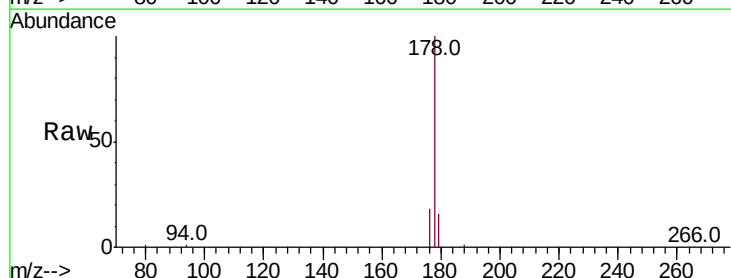
Tgt Ion:178 Resp: 18565

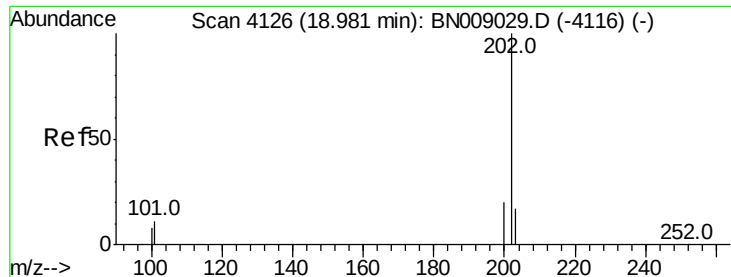
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.3 14.9 22.3





#15

Fluoranthene

Concen: 0.396 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

Instrument :

BNA_N

ClientSampleId :

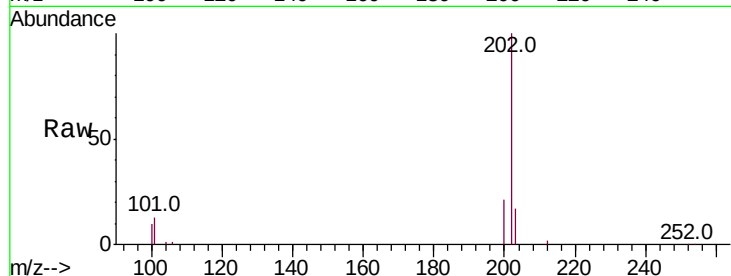
Tot Ion:202 Resp: 22892

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.5

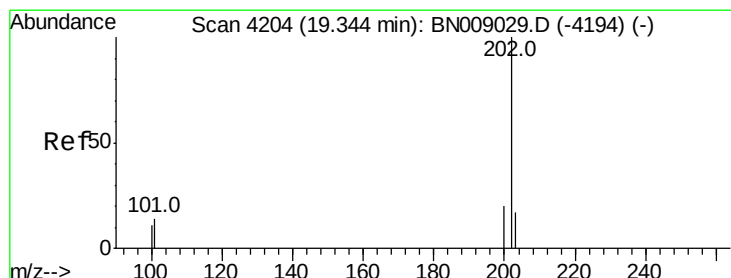
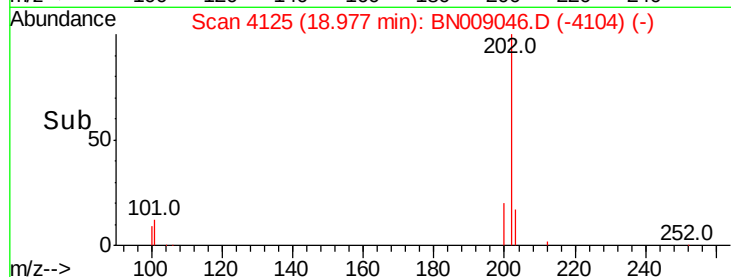
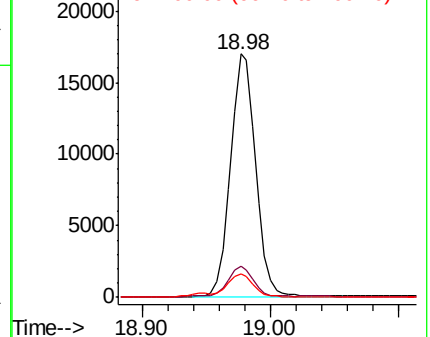
100 9.7 0.0 28.9



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: 0.445 ng/ul

RT: 19.34 min Scan# 4203

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

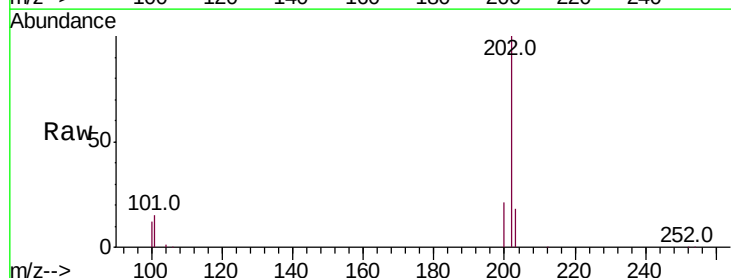
Tgt Ion:202 Resp: 22606

Ion Ratio Lower Upper

202 100

101 14.9 10.9 16.3

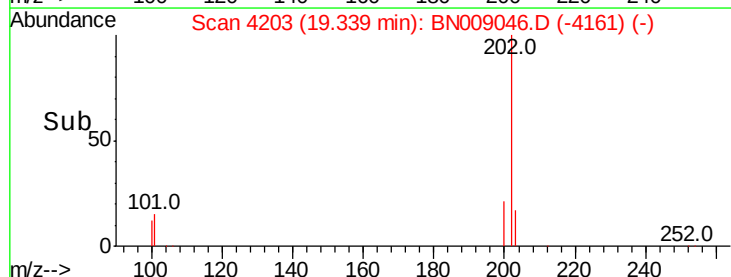
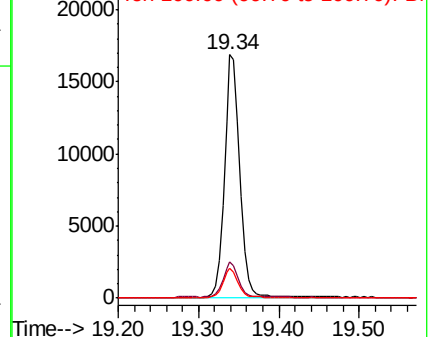
100 12.2 9.0 13.6

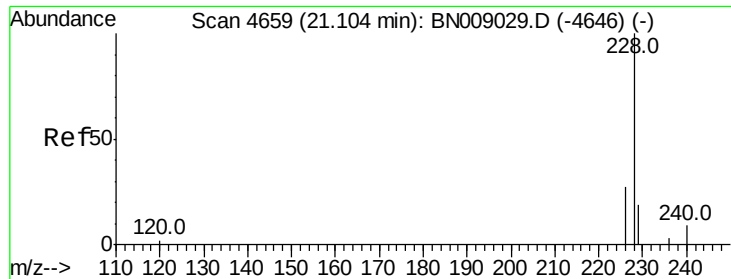


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.423 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

Instrument :

BNA_N

ClientSampleId :

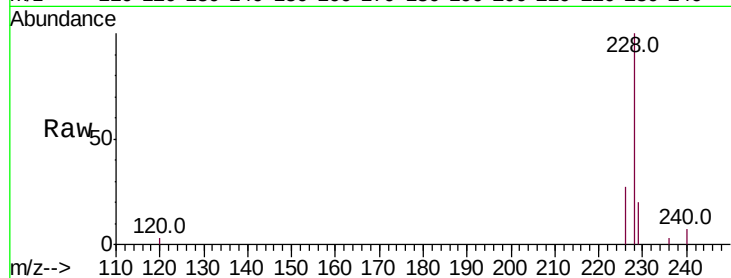
Tot Ion:228 Resp: 18704

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.3 21.7 32.5

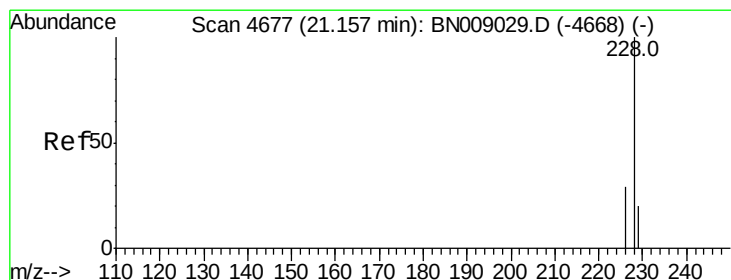
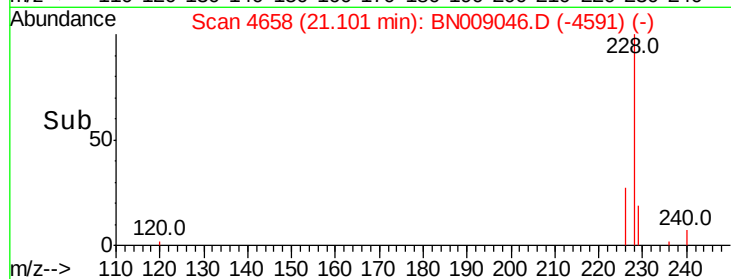
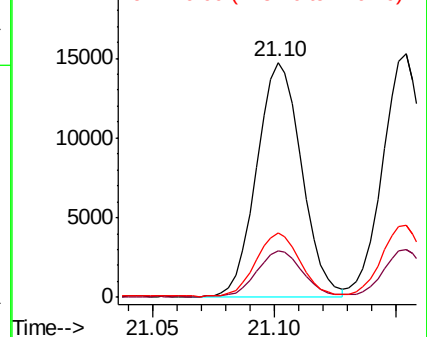


Abundance

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: 0.425 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

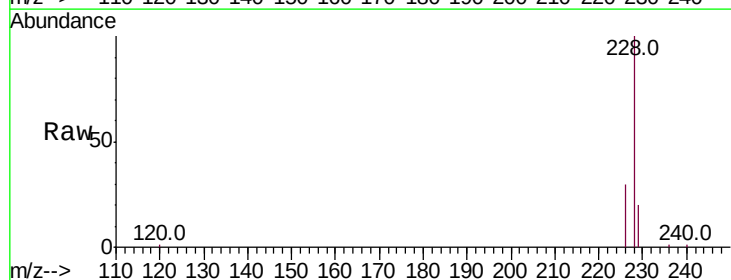
Tgt Ion:228 Resp: 18902

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.6 15.4 23.0

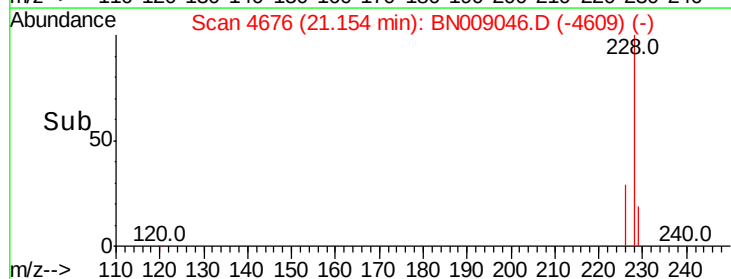
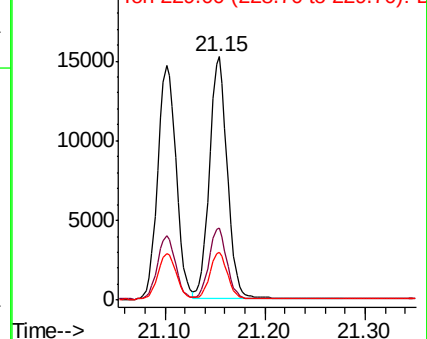


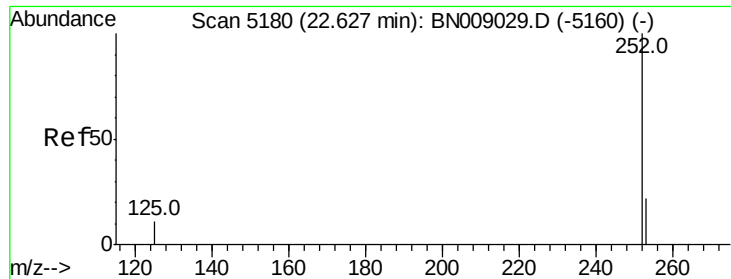
Abundance

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: 0.409 ng/ul

RT: 22.62 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

Instrument :

BNA_N

ClientSampleId :

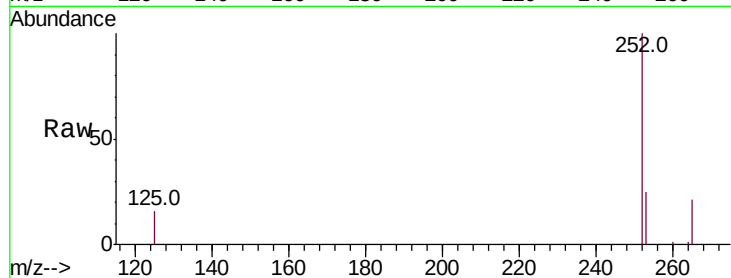
Tot Ion:252 Resp: 16107

Ion Ratio Lower Upper

252 100

253 25.3 0.0 48.2

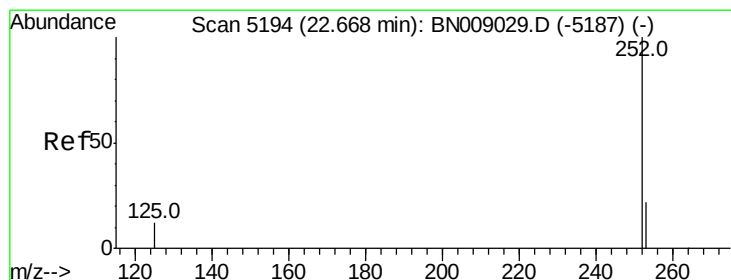
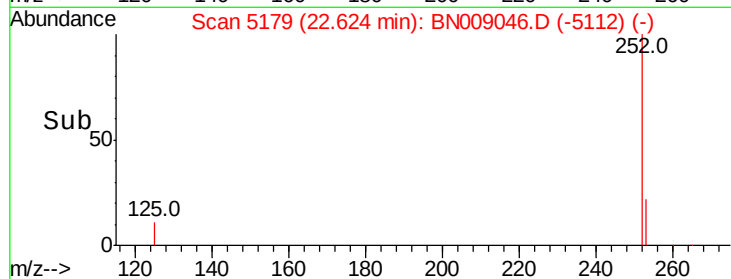
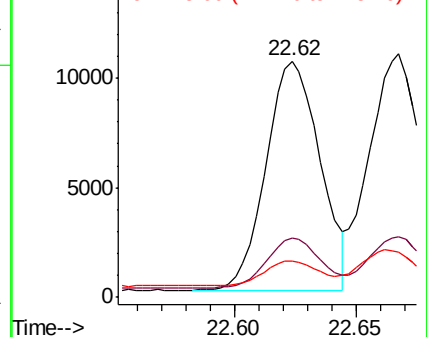
125 15.6 0.0 30.0



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: 0.431 ng/ul

RT: 22.67 min Scan# 5194

Delta R.T. 0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

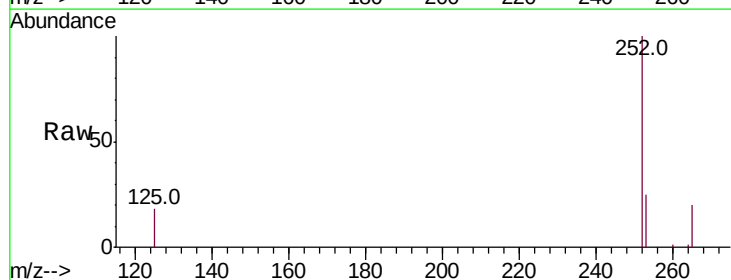
Tgt Ion:252 Resp: 17111

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.0

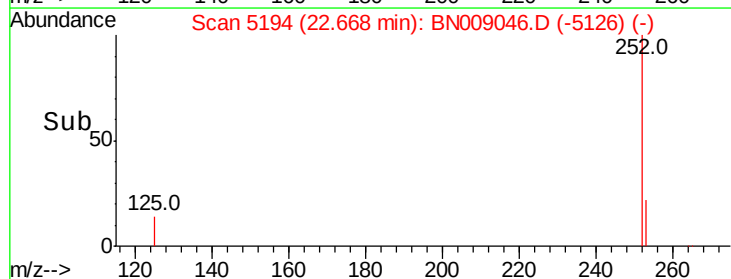
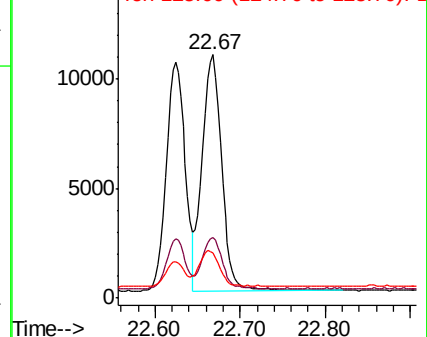
125 18.5 12.4 18.6

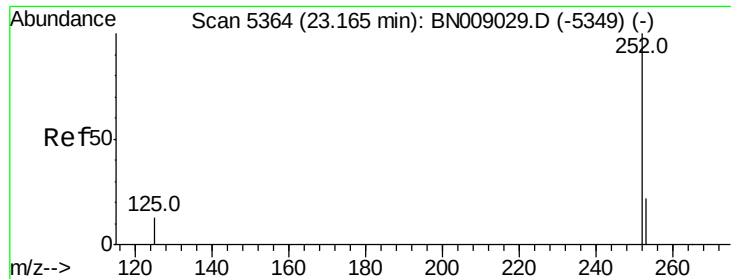


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.432 ng/ul

RT: 23.16 min Scan# 5364

Delta R.T. 0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

Instrument :

BNA_N

ClientSampleId :

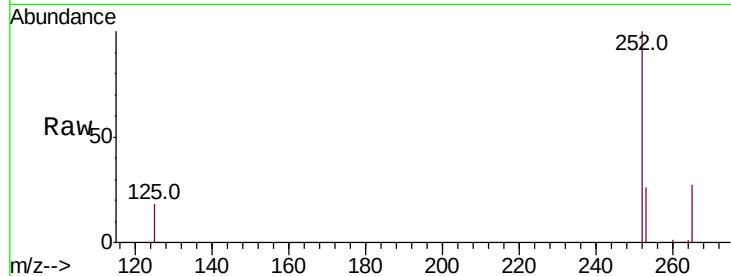
Tot Ion:252 Resp: 14912

Ion Ratio Lower Upper

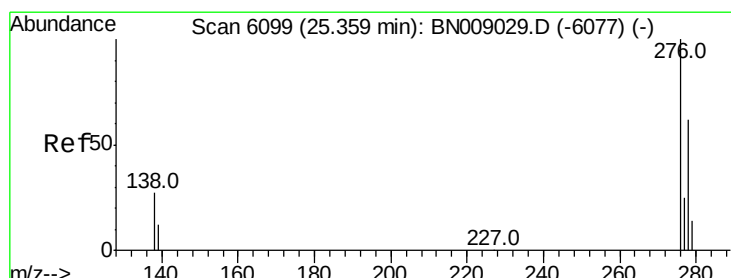
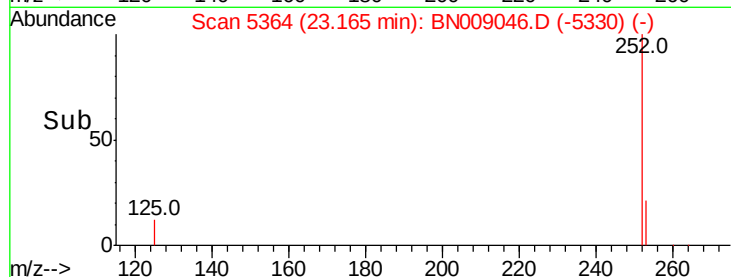
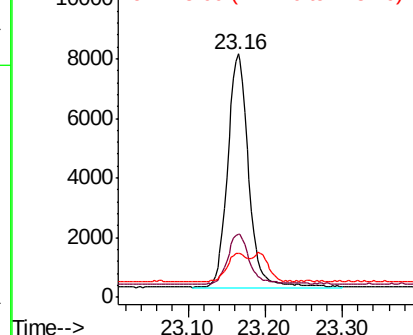
252 100

253 25.9 20.2 30.4

125 18.0 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: 0.425 ng/ul

RT: 25.36 min Scan# 6098

Delta R.T. -0.00 min

Lab File: BN009046.D

Acq: 20 Dec 2019 01:25

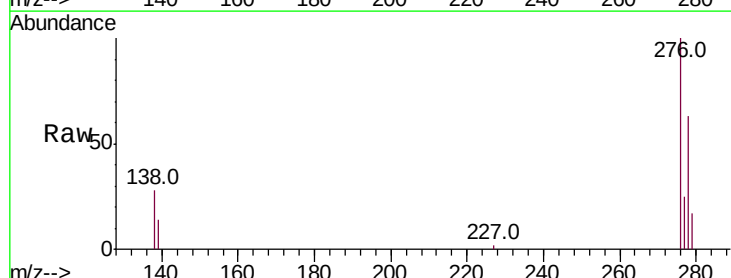
Tgt Ion:276 Resp: 15967

Ion Ratio Lower Upper

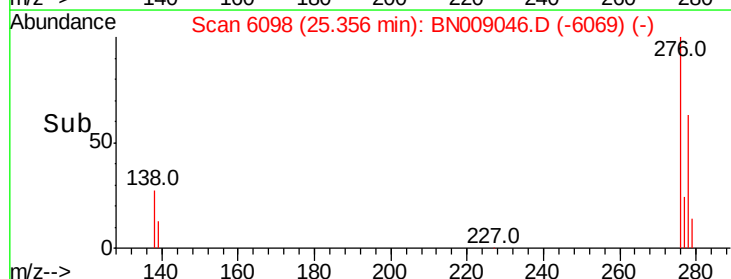
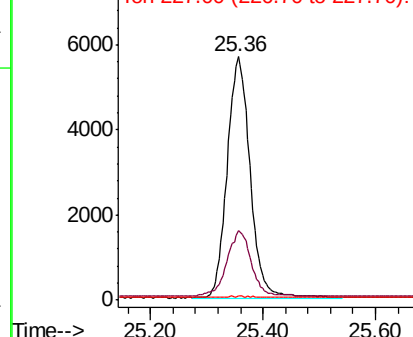
276 100

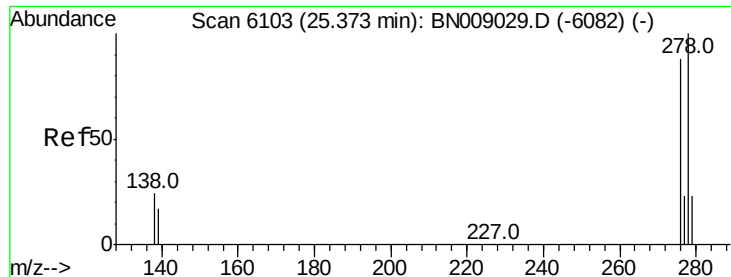
138 28.5 22.4 33.6

227 0.2 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



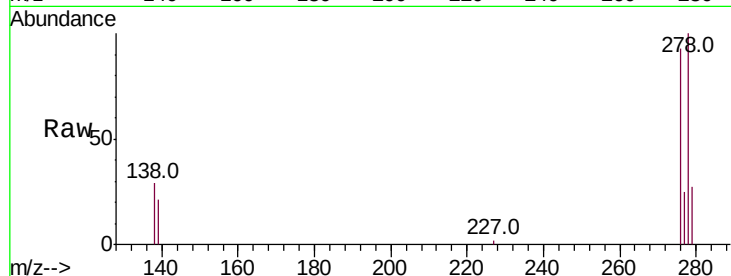


#25
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 25.37 min Scan# 6102
Delta R.T. -0.00 min
Lab File: BN009046.D
Acq: 20 Dec 2019 01:25

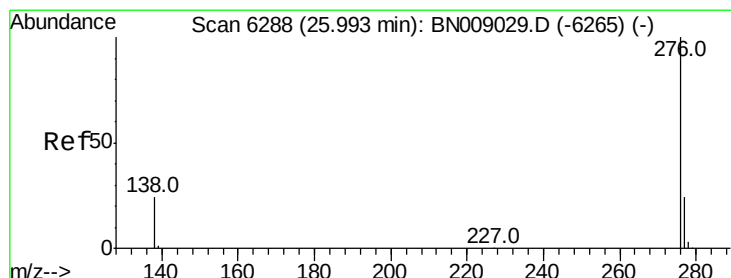
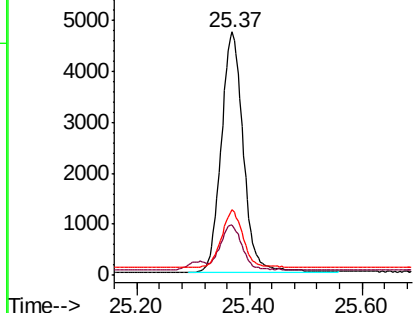
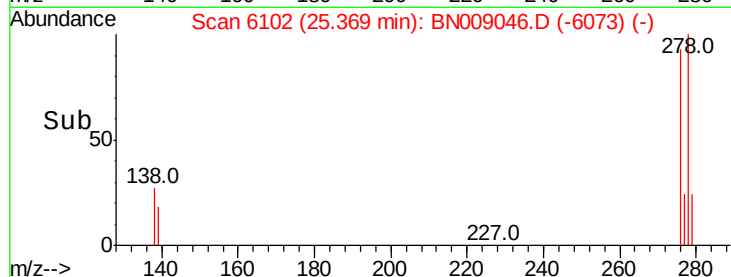
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 12741

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.2	24.2
279	26.8	20.3	30.5



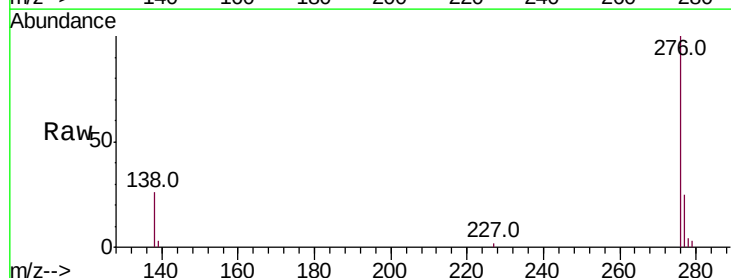
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009046.D
Acq: 20 Dec 2019 01:25

Tgt Ion:276 Resp: 13529

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	25.1	19.6	29.4



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

