

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
 Data File : BN008882.D
 Acq On : 07 Dec 2019 10:15
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 09 00:12:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 12:03:45 2019
 Response via : Initial Calibration

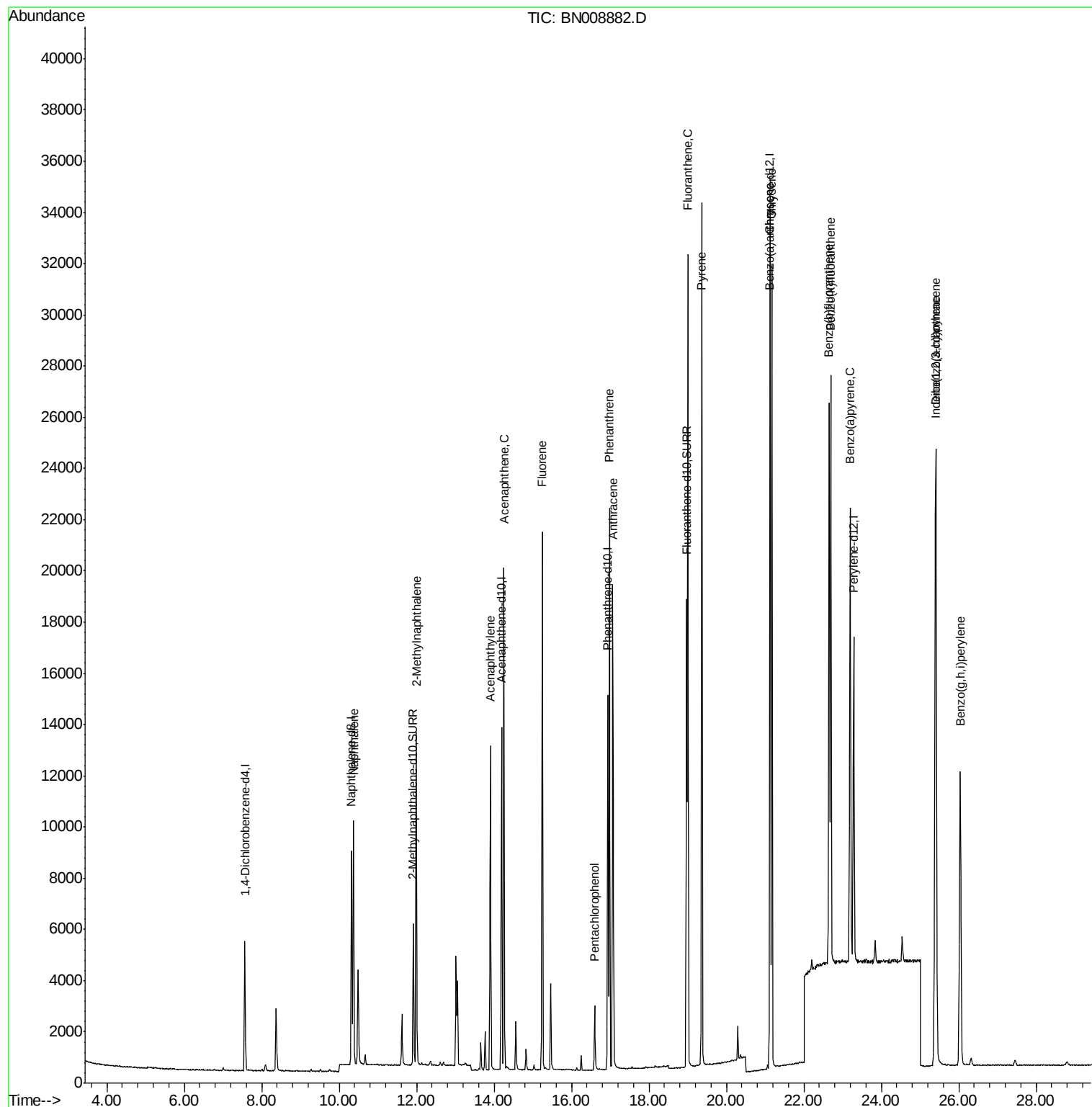
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2577	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	10697	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7278	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	16255	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	14553	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15101	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	7216	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	19181	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	12598	0.391	ng/ul	100
5) 2-Methylnaphthalene	11.99	142	9352	0.415	ng/ul	99
7) Acenaphthylene	13.90	152	14013	0.348	ng/ul	99
8) Acenaphthene	14.25	153	10894	0.365	ng/ul	99
9) Fluorene	15.25	166	13066	0.373	ng/ul	99
11) Pentachlorophenol	16.59	266	1808	0.294	ng/ul	99
12) Phenanthrene	16.97	178	22389	0.408	ng/ul	100
13) Anthracene	17.07	178	20335	0.393	ng/ul	100
15) Fluoranthene	19.00	202	26017	0.386	ng/ul	100
17) Pyrene	19.36	202	26241	0.449	ng/ul	99
18) Benzo(a)anthracene	21.12	228	25352	0.433	ng/ul	100
19) Chrysene	21.17	228	25482	0.443	ng/ul	100
21) Benzo(b)fluoranthene	22.65	252	25351	0.407	ng/ul	99
22) Benzo(k)fluoranthene	22.69	252	25873	0.419	ng/ul	99
23) Benzo(a)pyrene	23.19	252	23762	0.407	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.39	276	26328	0.385	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.41	278	21250	0.385	ng/ul	99
26) Benzo(g,h,i)perylene	26.03	276	21690	0.379	ng/ul	98

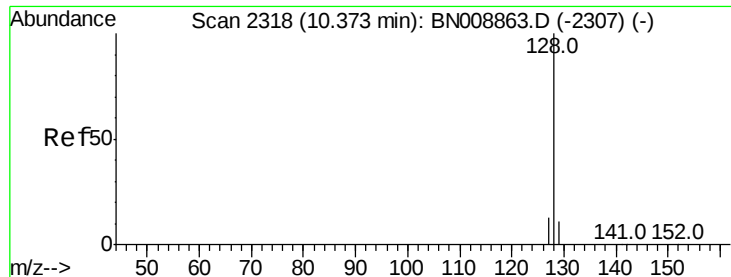
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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Quant Time: Dec 09 00:12:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.391 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

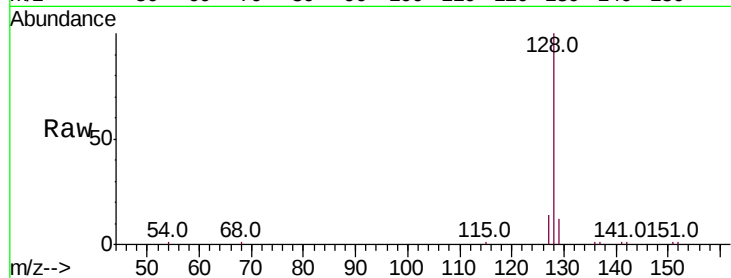
Tot Ion:128 Resp: 12598

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

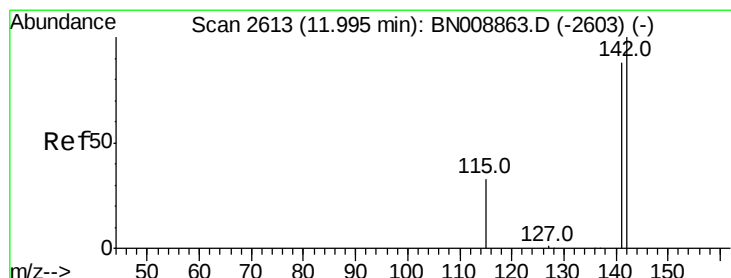
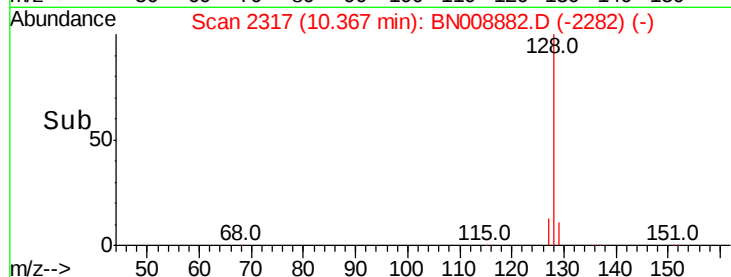
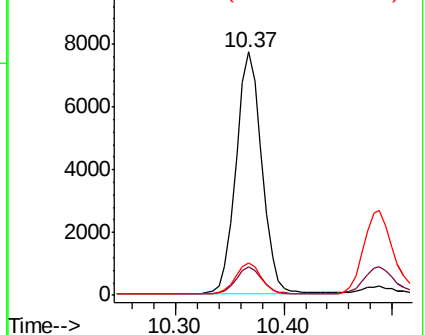
127 13.5 10.7 16.1



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: 0.415 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008882.D

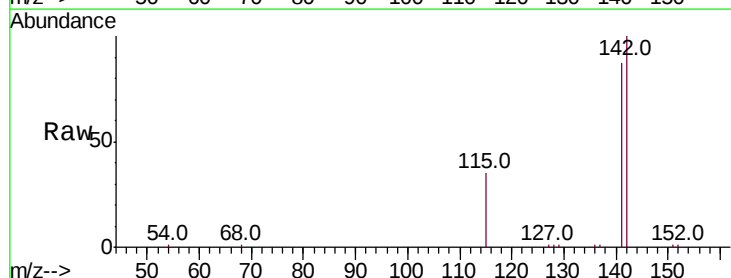
Acq: 07 Dec 2019 10:15

Tgt Ion:142 Resp: 9352

Ion Ratio Lower Upper

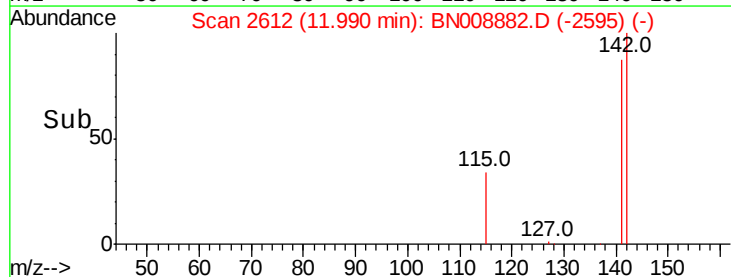
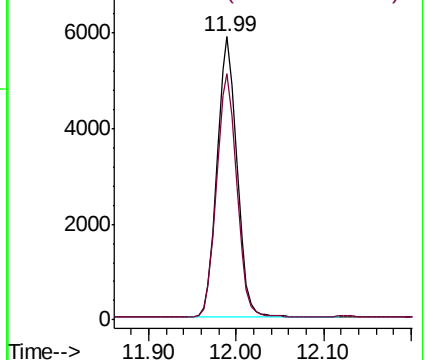
142 100

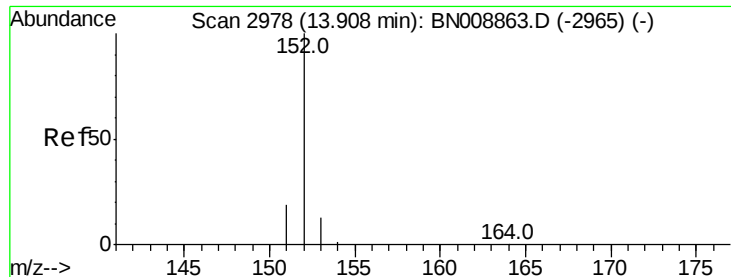
141 88.4 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.348 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

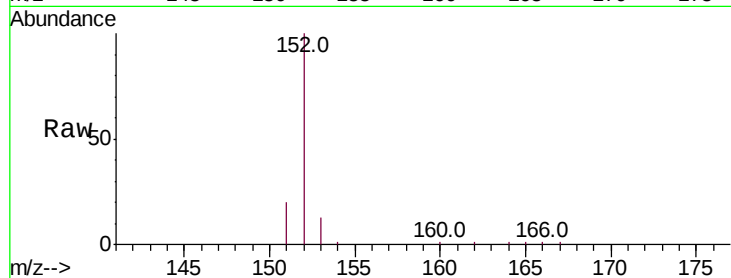
Tot Ion:152 Resp: 14013

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

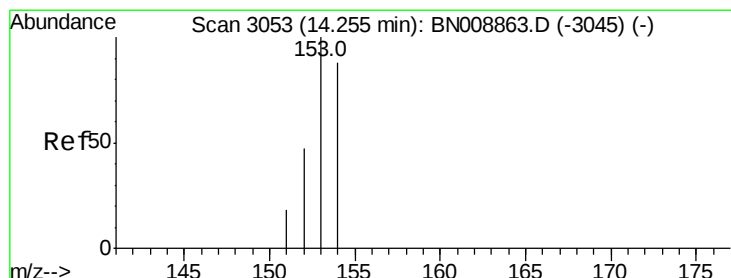
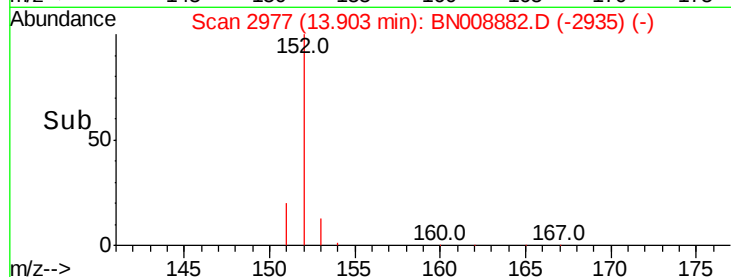
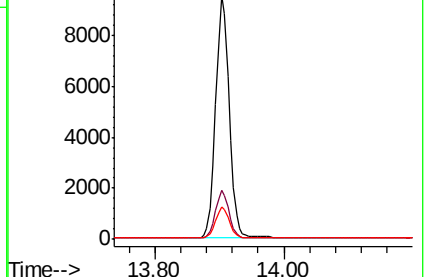
153 13.3 10.6 15.8



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: 0.365 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

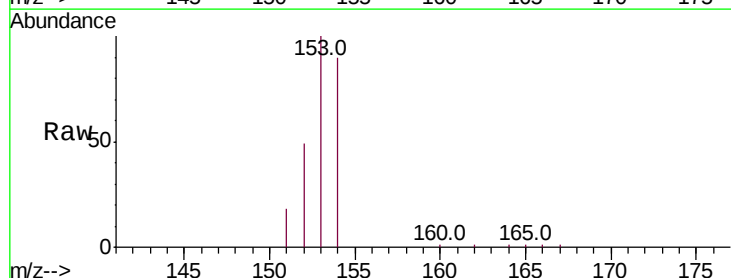
Tgt Ion:153 Resp: 10894

Ion Ratio Lower Upper

153 100

152 49.0 38.6 58.0

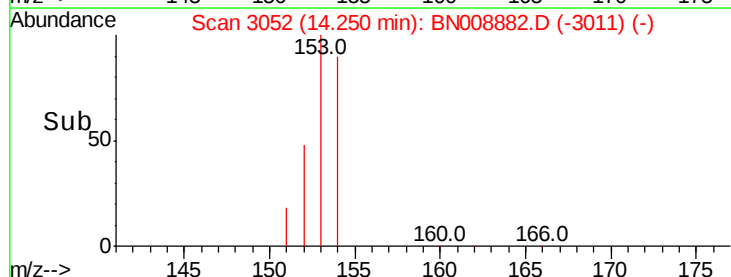
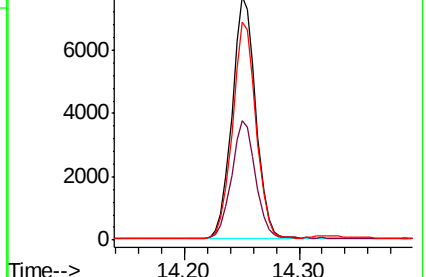
154 89.8 70.6 105.8

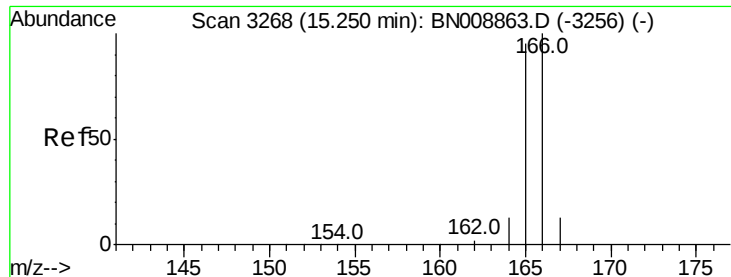


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.373 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

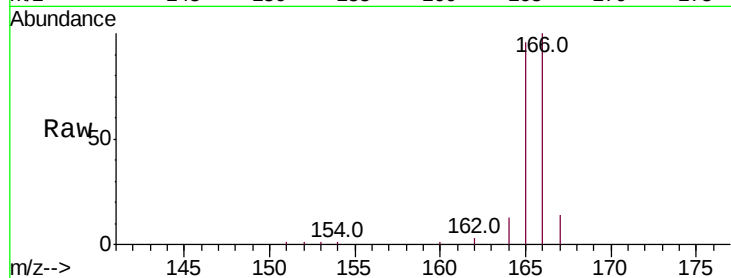
Tot Ion:166 Resp: 13066

Ion Ratio Lower Upper

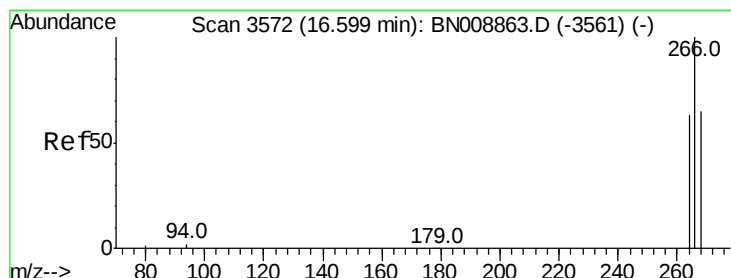
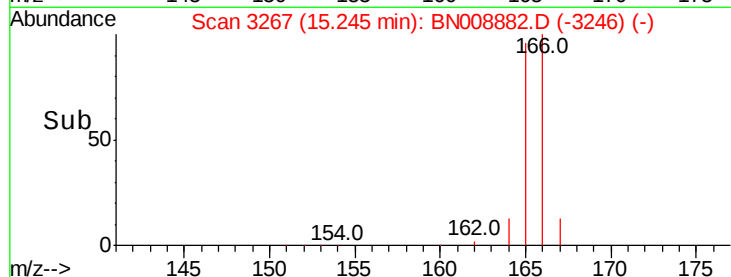
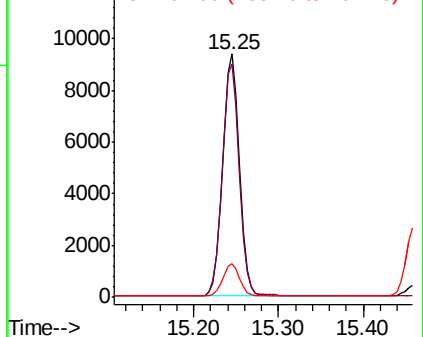
166 100

165 95.9 77.7 116.5

167 13.7 11.1 16.7



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: 0.294 ng/ul

RT: 16.59 min Scan# 3571

Delta R.T. -0.00 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

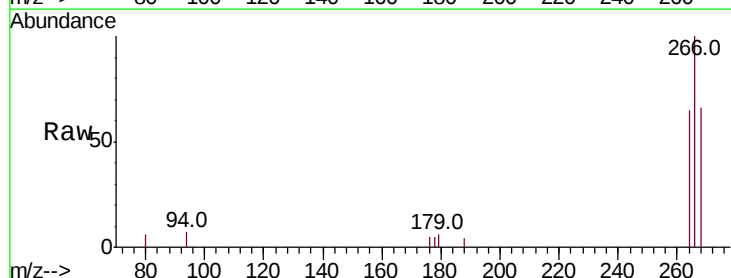
Tgt Ion:266 Resp: 1808

Ion Ratio Lower Upper

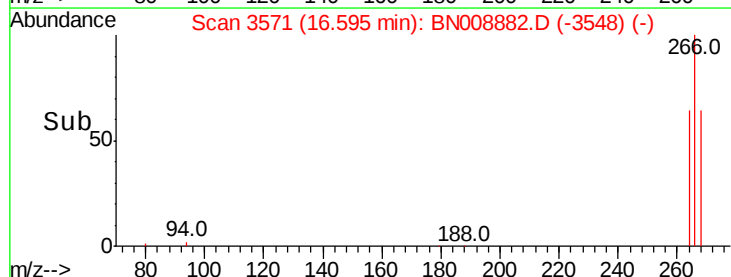
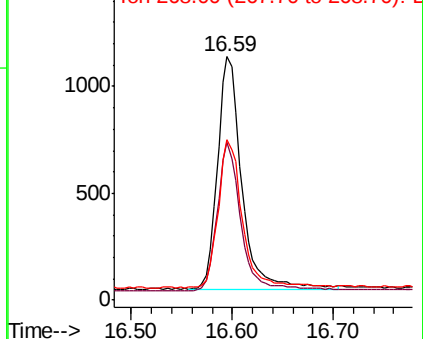
266 100

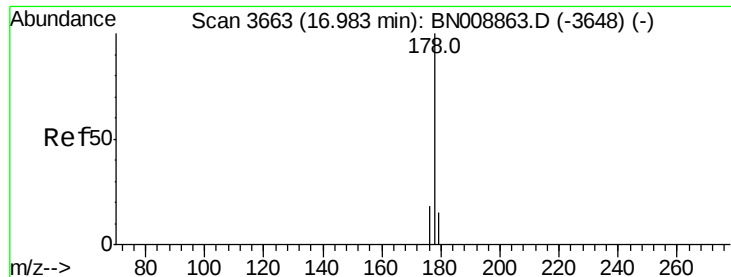
264 61.6 50.4 75.6

268 65.1 52.2 78.4



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: 0.408 ng/ul

RT: 16.97 min Scan# 3661

Delta R.T. -0.00 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

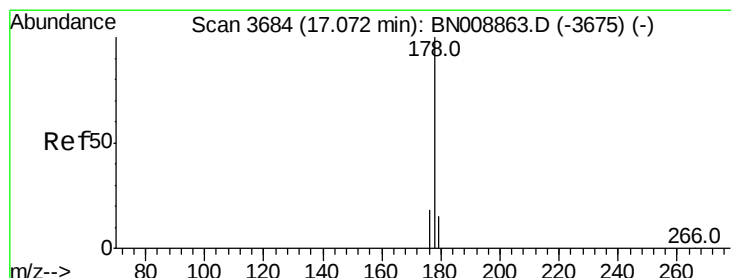
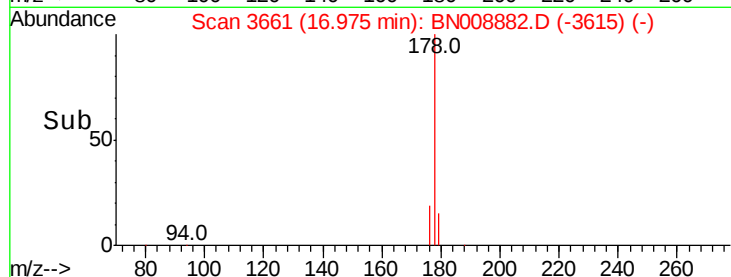
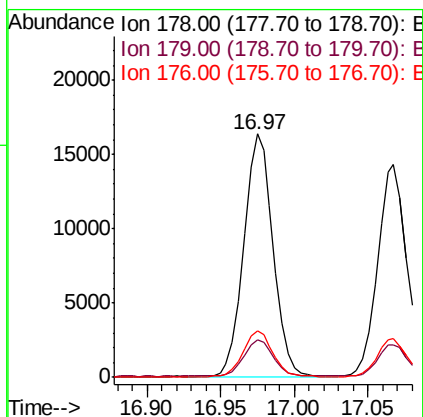
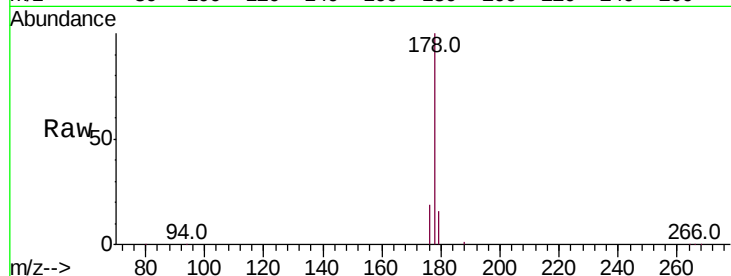
Tot Ion:178 Resp: 22389

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.9 15.3 22.9



#13

Anthracene

Concen: 0.393 ng/ul

RT: 17.07 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

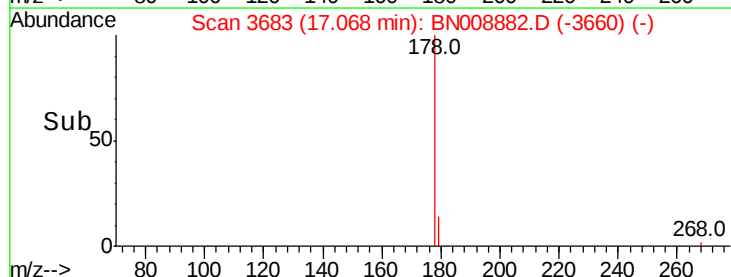
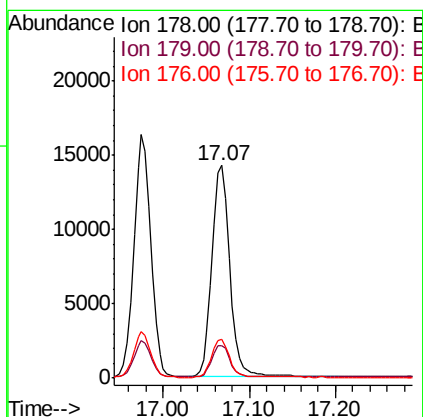
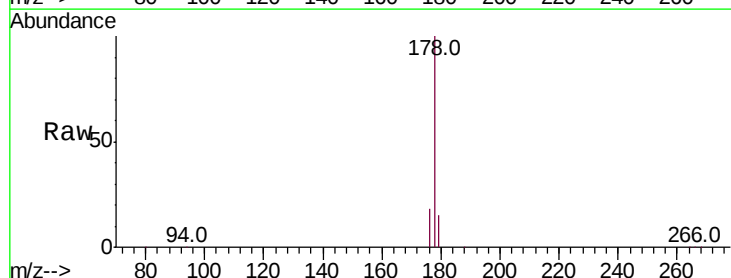
Tgt Ion:178 Resp: 20335

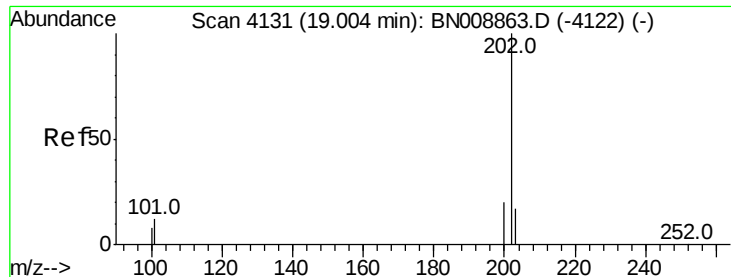
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.4 14.7 22.1





#15

Fluoranthene

Concen: 0.386 ng/ul

RT: 19.00 min Scan# 4130

Delta R.T. -0.00 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

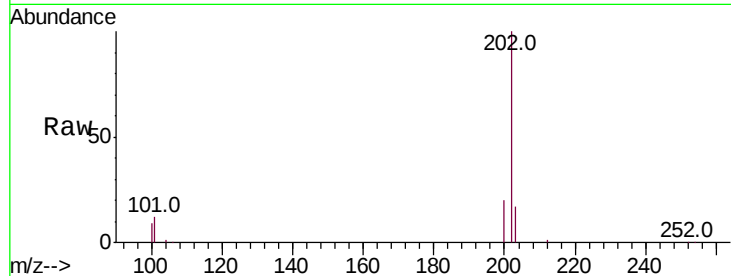
Tot Ion:202 Resp: 26017

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.4

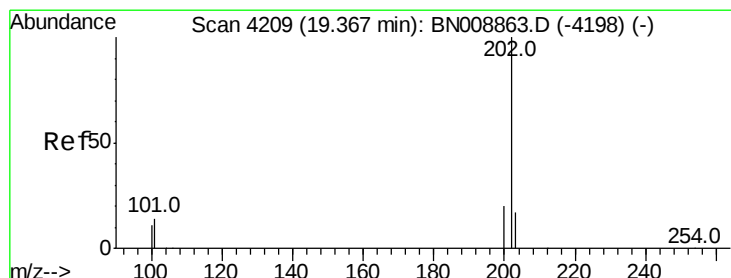
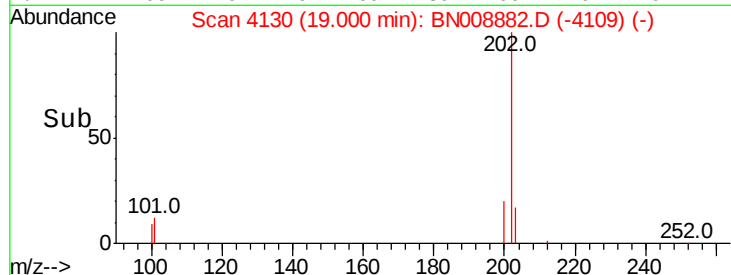
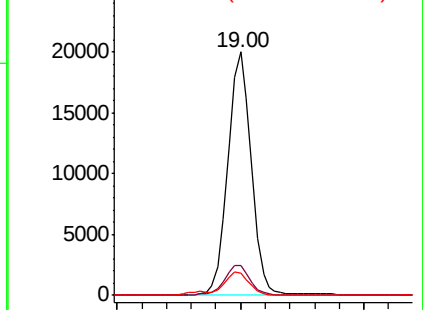
100 9.1 0.0 29.2



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: 0.449 ng/ul

RT: 19.36 min Scan# 4208

Delta R.T. -0.00 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

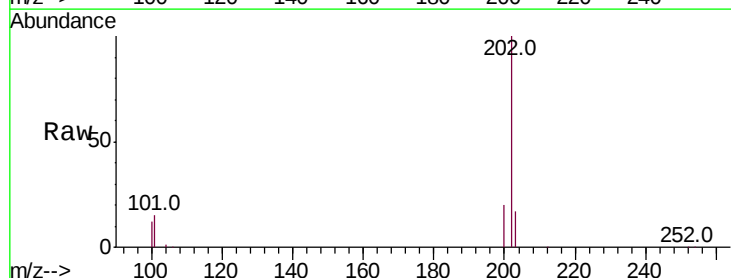
Tgt Ion:202 Resp: 26241

Ion Ratio Lower Upper

202 100

101 14.6 12.2 18.4

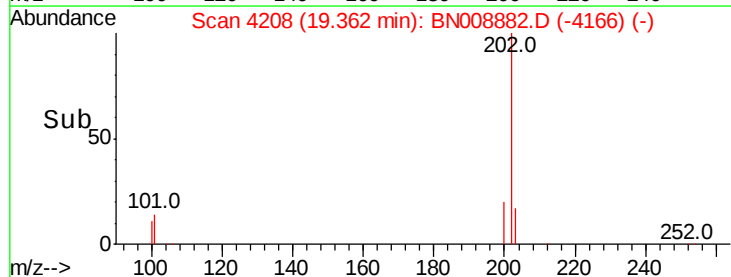
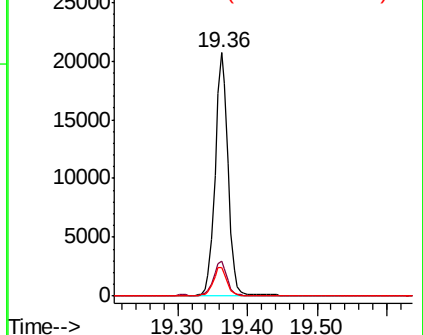
100 11.6 9.5 14.3

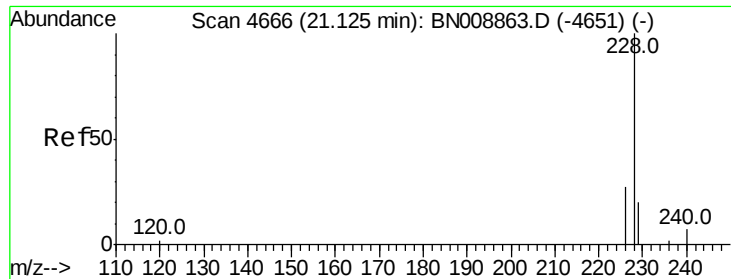


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.433 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

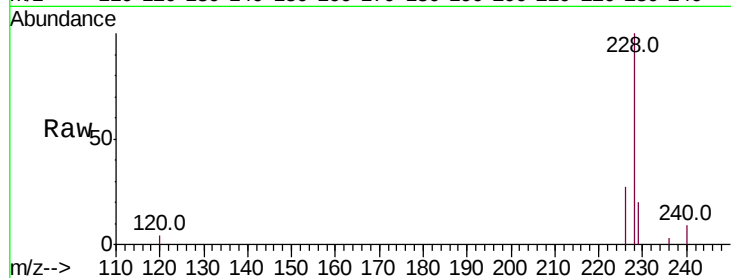
Tot Ion:228 Resp: 25352

Ion Ratio Lower Upper

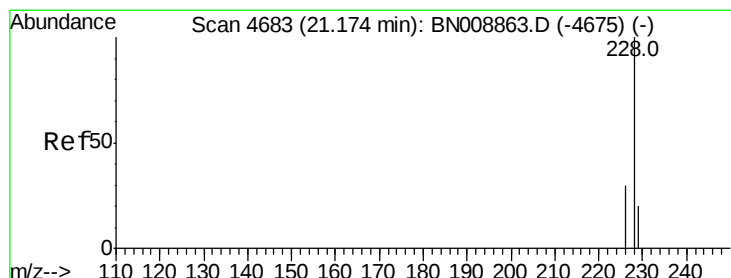
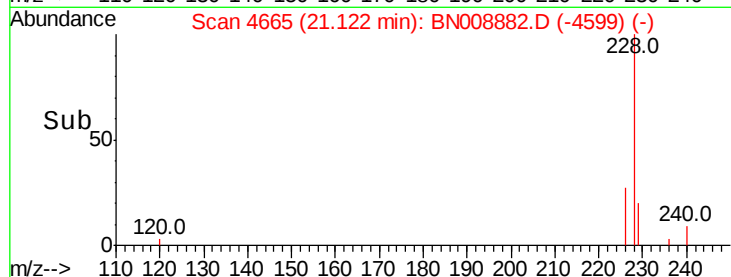
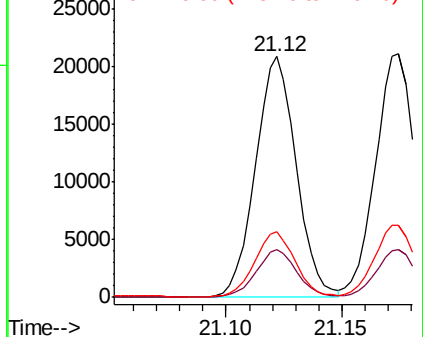
228 100

229 19.8 15.7 23.5

226 27.1 21.5 32.3



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: 0.443 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

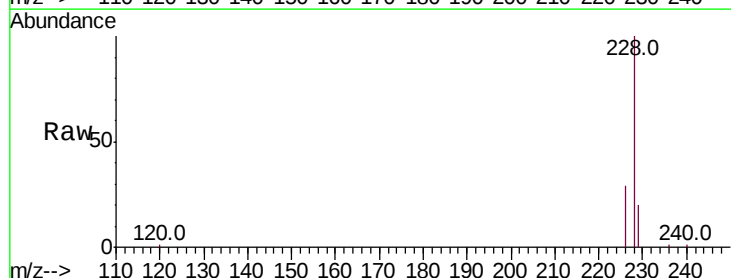
Tgt Ion:228 Resp: 25482

Ion Ratio Lower Upper

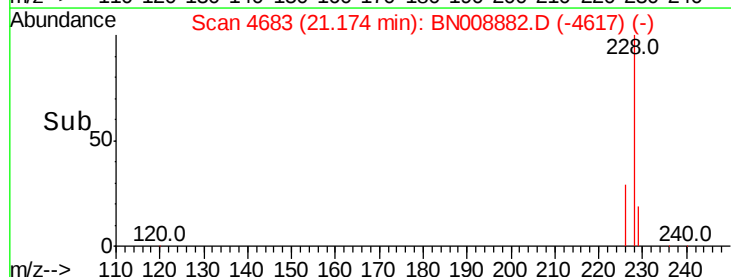
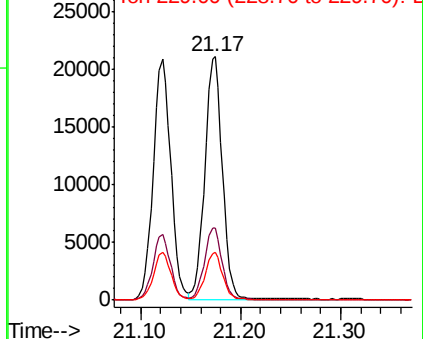
228 100

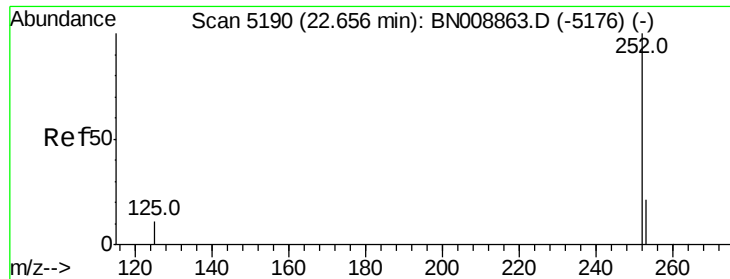
226 29.4 23.8 35.6

229 19.6 15.6 23.4



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: 0.407 ng/u1

RT: 22.65 min Scan# 5188

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

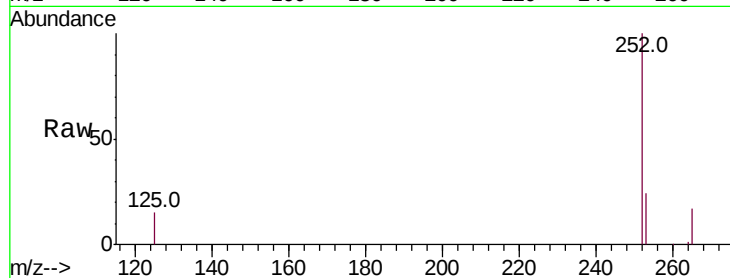
Tot Ion:252 Resp: 25351

Ion Ratio Lower Upper

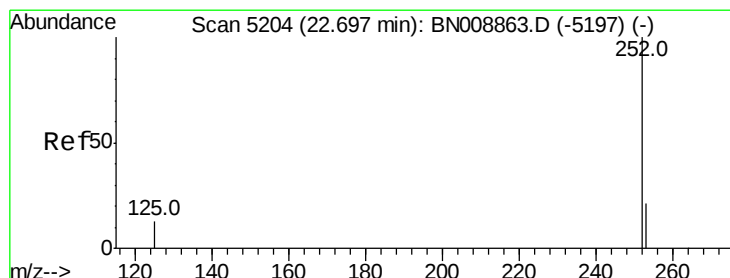
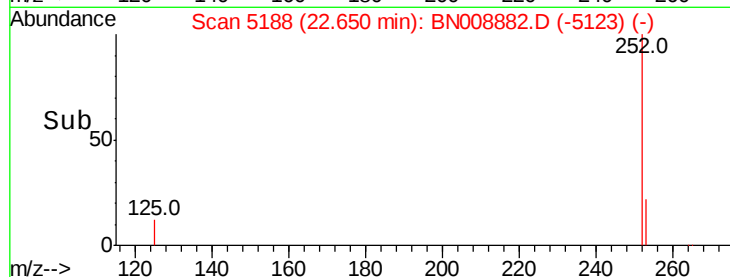
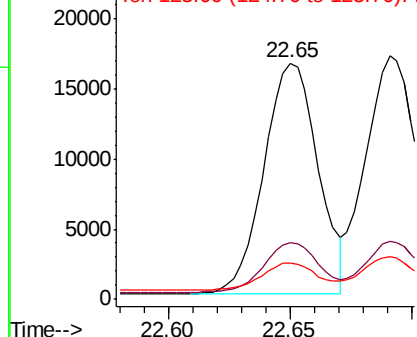
252 100

253 24.1 0.0 48.6

125 15.5 0.0 31.6



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



#22

Benzo(k)fluoranthene

Concen: 0.419 ng/u1

RT: 22.69 min Scan# 5202

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

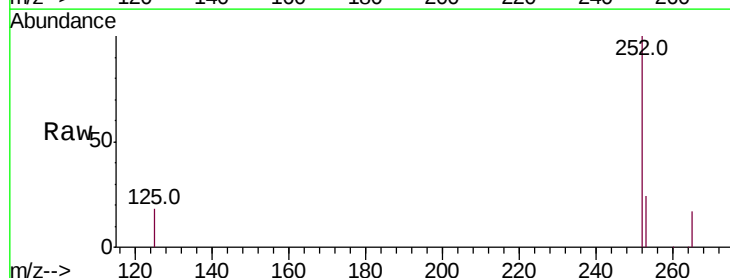
Tgt Ion:252 Resp: 25873

Ion Ratio Lower Upper

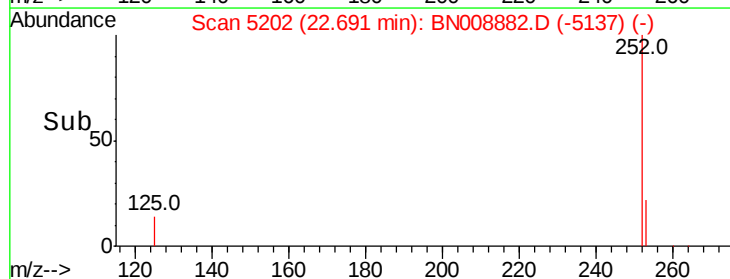
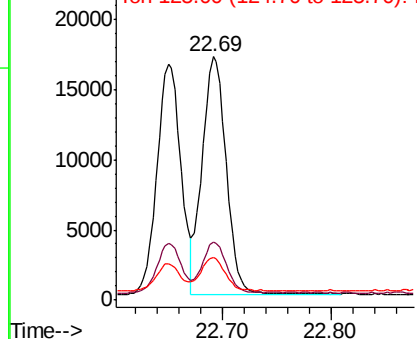
252 100

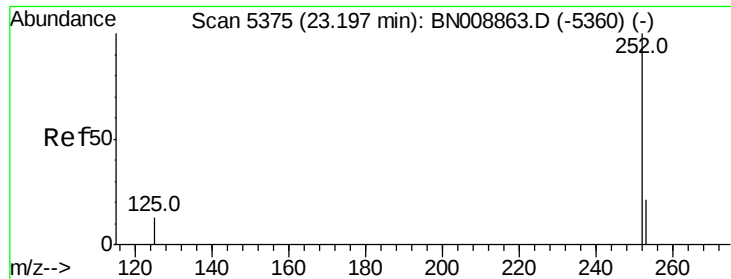
253 23.9 19.6 29.4

125 17.7 13.8 20.6



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: 0.407 ng/ul

RT: 23.19 min Scan# 5373

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

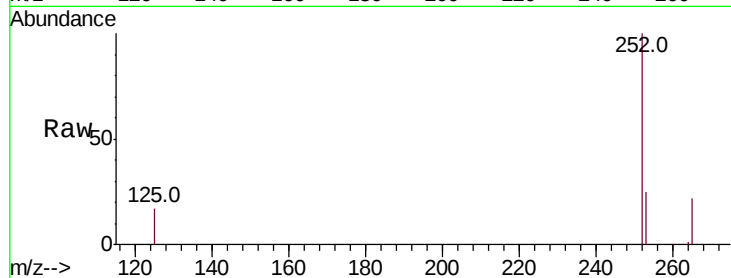
Tot Ion:252 Resp: 23762

Ion Ratio Lower Upper

252 100

253 24.9 19.9 29.9

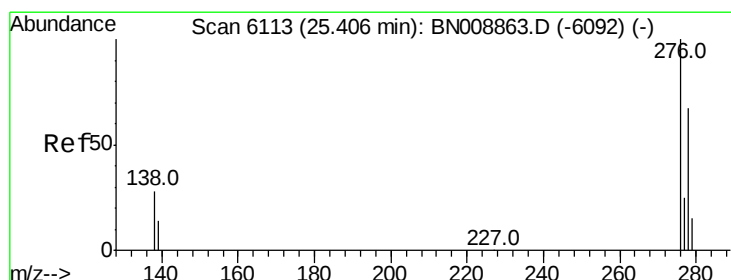
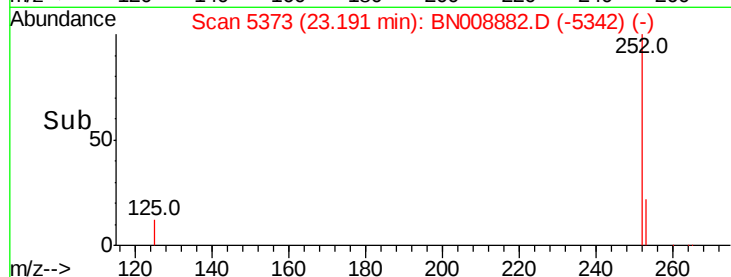
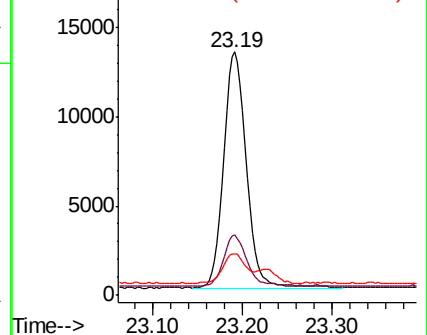
125 17.1 14.6 22.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng/ul

RT: 25.39 min Scan# 6109

Delta R.T. -0.02 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

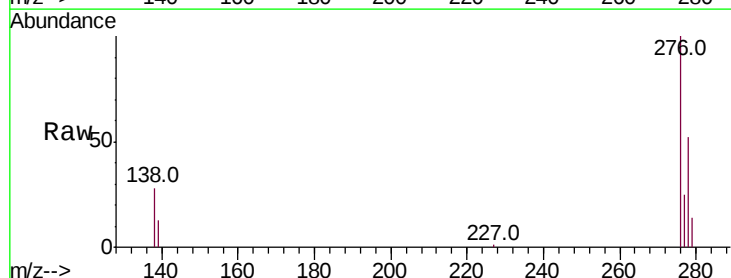
Tgt Ion:276 Resp: 26328

Ion Ratio Lower Upper

276 100

138 29.7 23.8 35.6

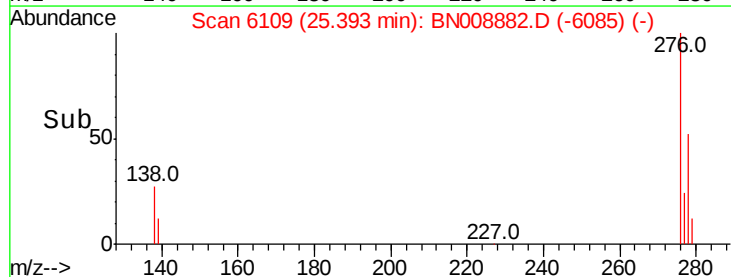
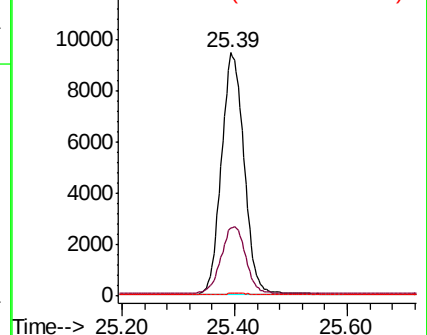
227 0.3 0.2 0.2#

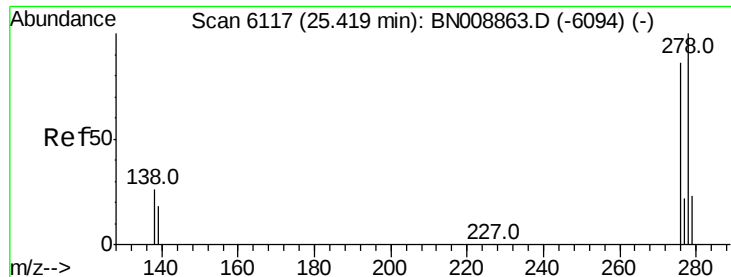


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.385 ng/ul

RT: 25.41 min Scan# 6114

Delta R.T. -0.01 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

Instrument :

BNA_N

ClientSampleId :

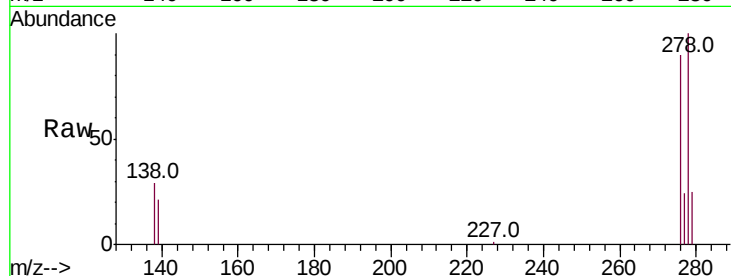
Tot Ion:278 Resp: 21250

Ion Ratio Lower Upper

278 100

139 20.9 17.4 26.0

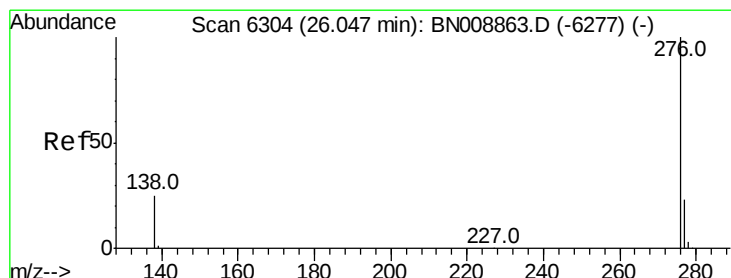
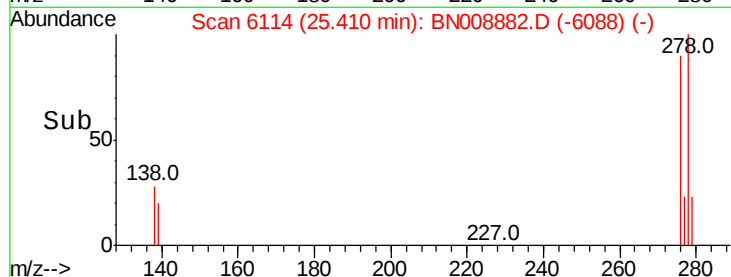
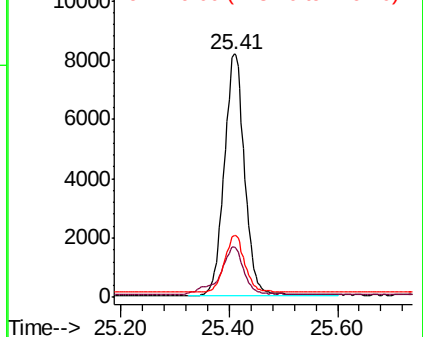
279 25.2 20.5 30.7



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: 0.379 ng/ul

RT: 26.03 min Scan# 6300

Delta R.T. -0.02 min

Lab File: BN008882.D

Acq: 07 Dec 2019 10:15

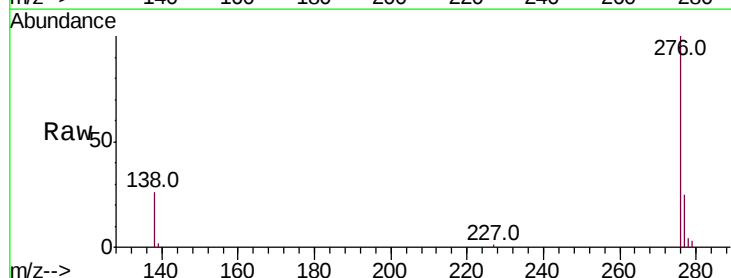
Tgt Ion:276 Resp: 21690

Ion Ratio Lower Upper

276 100

138 26.2 21.9 32.9

277 24.6 19.9 29.9



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

