

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
 Data File : BN003806.D
 Acq On : 11 Dec 2018 09:30
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 11 14:55:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 11 04:22:54 2018
 Response via : Initial Calibration

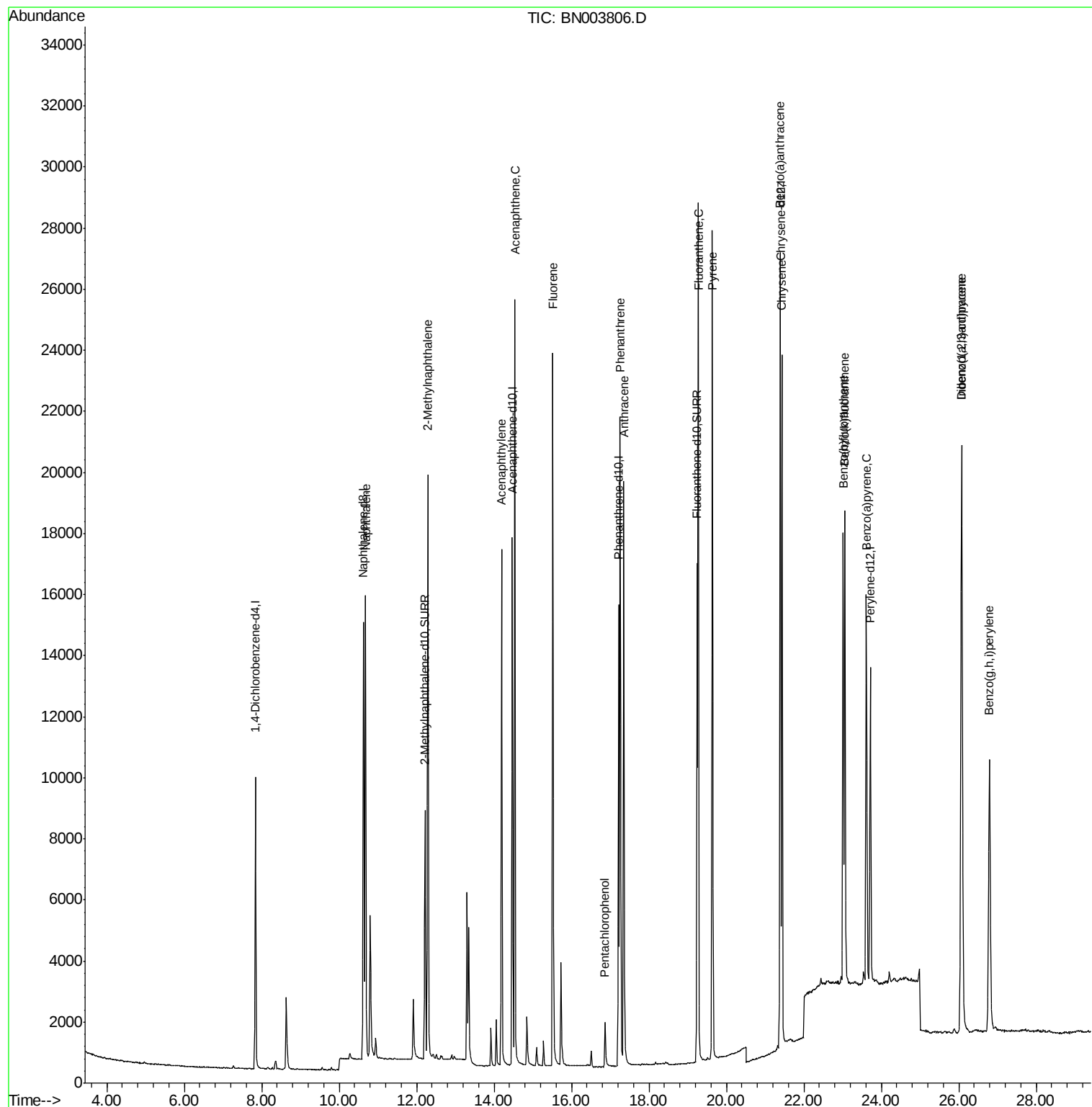
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4872	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	19817	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	9691	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	19153	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13987	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	14055	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	11130	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	18297	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	21265	0.382	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	14587	0.375	ng/ul	99
7) Acenaphthylene	14.19	152	19340	0.443	ng/ul	100
8) Acenaphthene	14.53	153	14661	0.383	ng/ul	98
9) Fluorene	15.52	166	15857	0.356	ng/ul	99
11) Pentachlorophenol	16.86	266	1356	0.393	ng/ul	99
12) Phenanthrene	17.26	178	23638	0.376	ng/ul	100
13) Anthracene	17.35	178	21866	0.423	ng/ul	100
15) Fluoranthene	19.27	202	24334	0.328	ng/ul	97
17) Pyrene	19.64	202	24108	0.481	ng/ul	99
18) Benzo(a)anthracene	21.39	228	19881	0.450	ng/ul	98
19) Chrysene	21.43	228	19233	0.380	ng/ul	98
21) Benzo(b)fluoranthene	23.01	252	19906	0.342	ng/ul	91
22) Benzo(k)fluoranthene	23.06	252	19846	0.350	ng/ul#	92
23) Benzo(a)pyrene	23.61	252	19402	0.385	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.07	276	23903	0.414	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.08	278	19009	0.409	ng/ul#	93
26) Benzo(g,h,i)perylene	26.79	276	20195	0.402	ng/ul	94

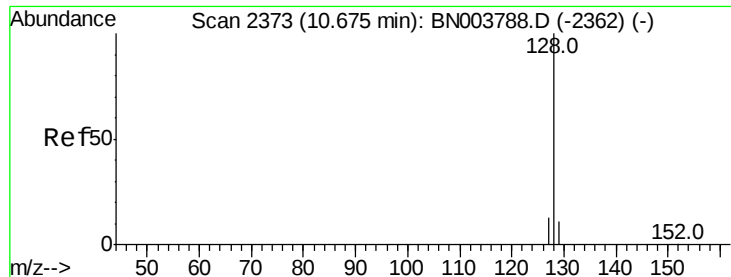
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.382 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

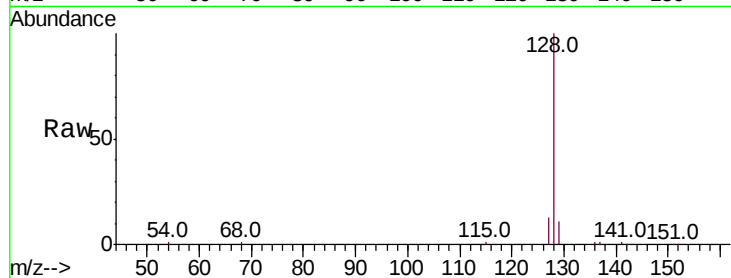
Tot Ion:128 Resp: 21265

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

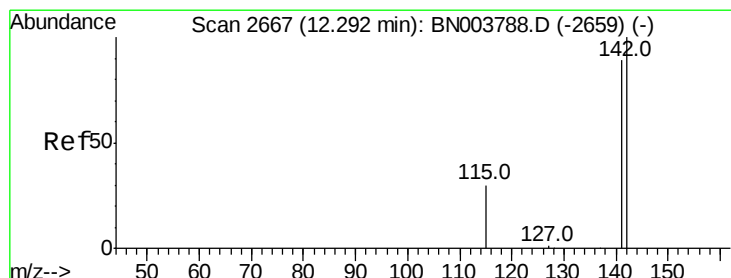
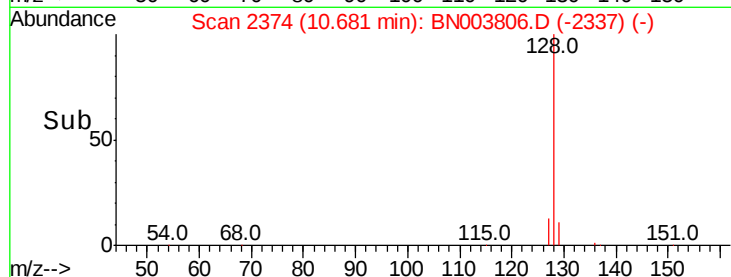
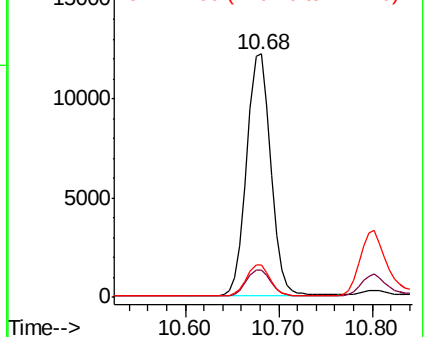
127 13.4 10.5 15.7



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: 0.375 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003806.D

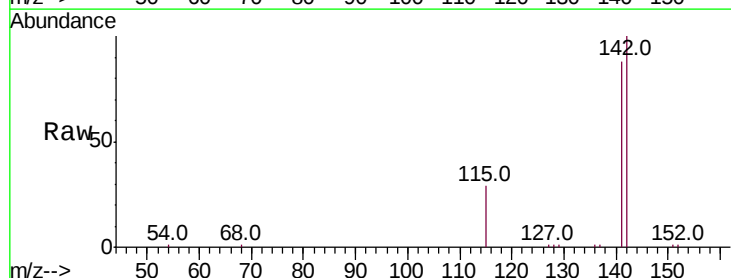
Acq: 11 Dec 2018 09:30

Tgt Ion:142 Resp: 14587

Ion Ratio Lower Upper

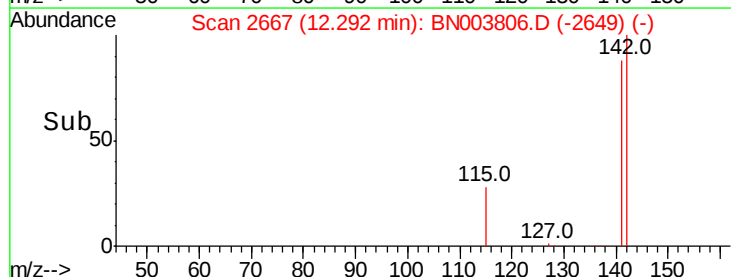
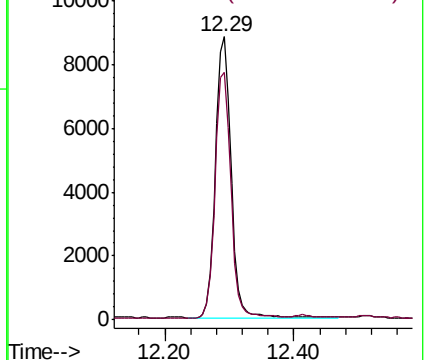
142 100

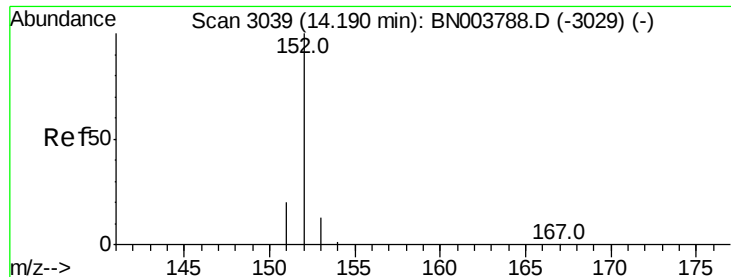
141 88.8 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.443 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

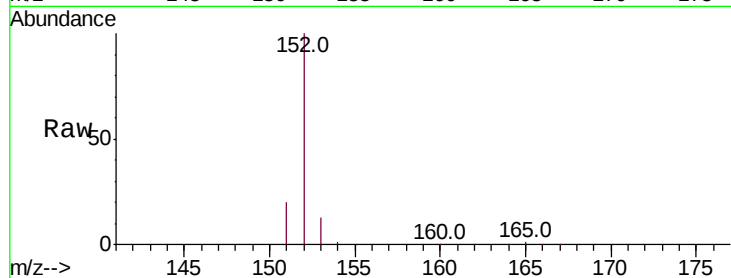
Tot Ion:152 Resp: 19340

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

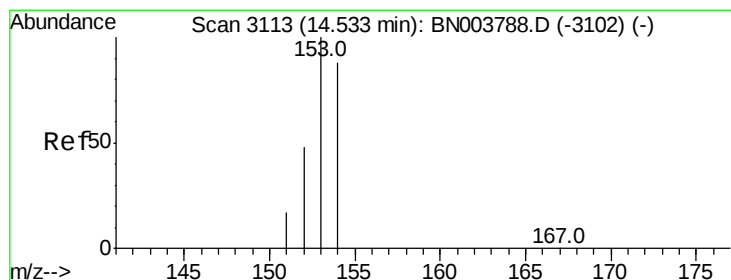
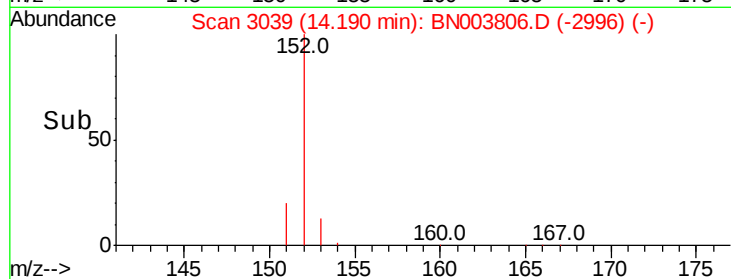
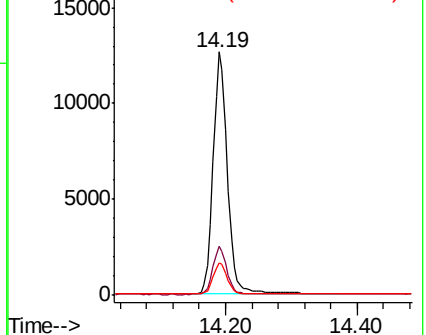
153 13.4 10.7 16.1



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: 0.383 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

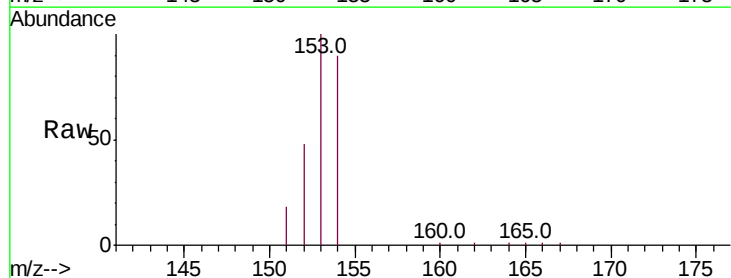
Tgt Ion:153 Resp: 14661

Ion Ratio Lower Upper

153 100

152 47.6 39.3 58.9

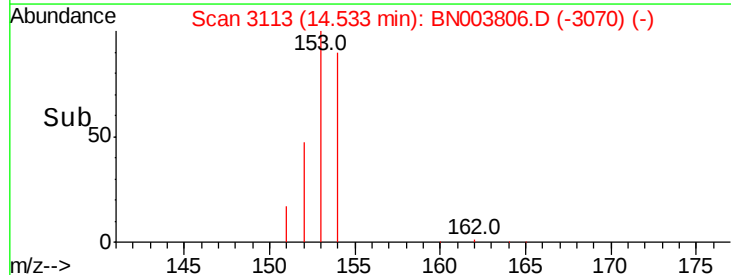
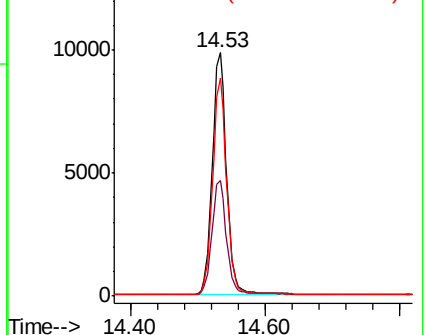
154 89.6 70.3 105.5

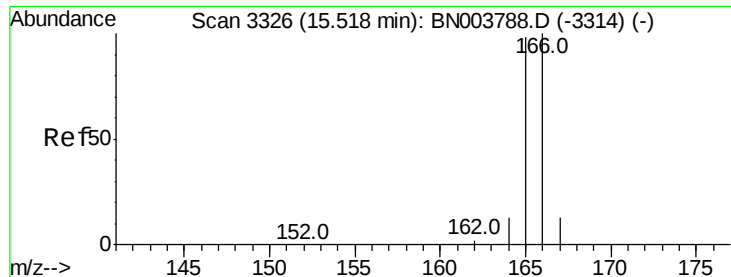


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.356 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

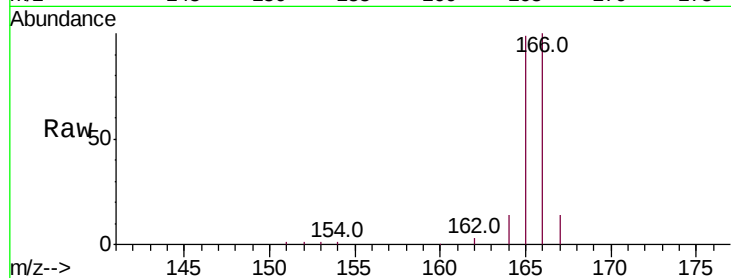
Tot Ion:166 Resp: 15857

Ion Ratio Lower Upper

166 100

165 98.5 78.3 117.5

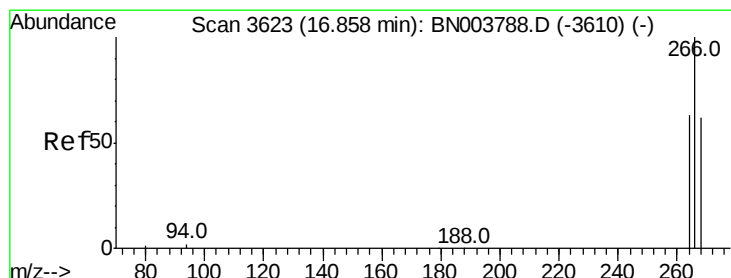
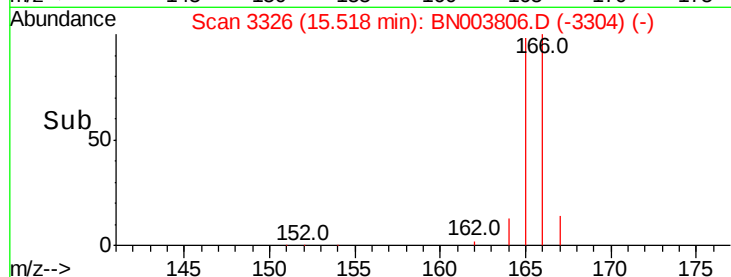
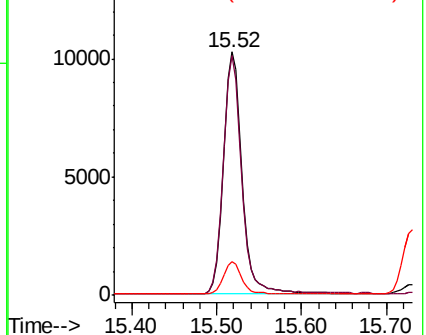
167 14.0 11.3 16.9



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: 0.393 ng/ul

RT: 16.86 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

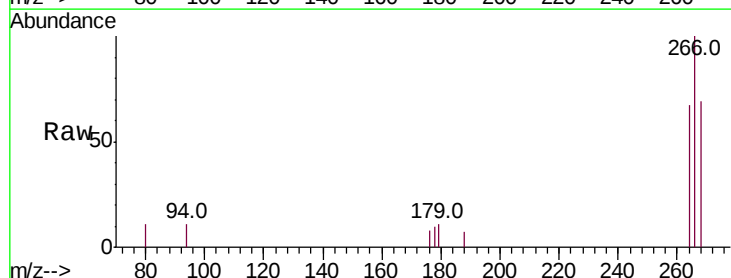
Tgt Ion:266 Resp: 1356

Ion Ratio Lower Upper

266 100

264 62.7 49.4 74.2

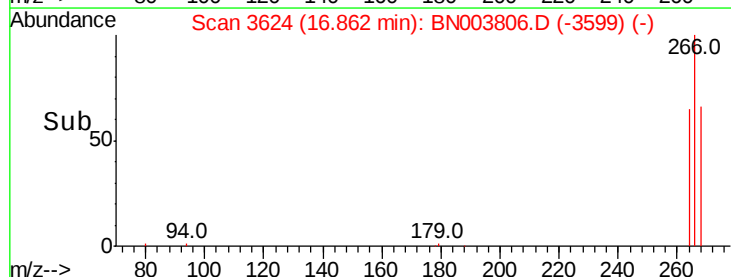
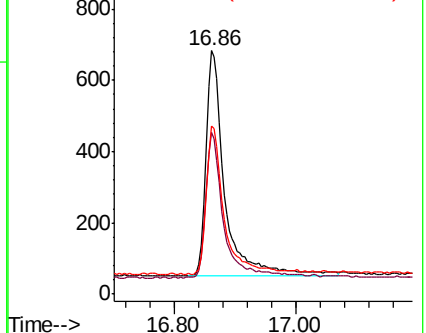
268 64.5 51.7 77.5

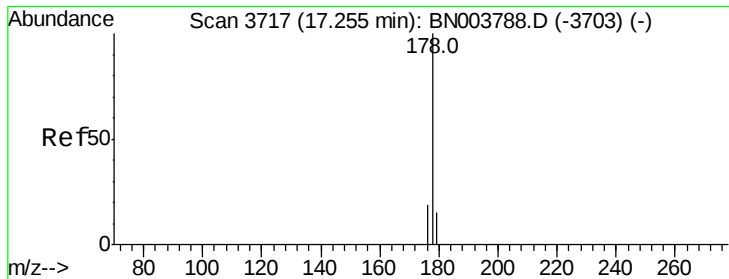


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.376 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

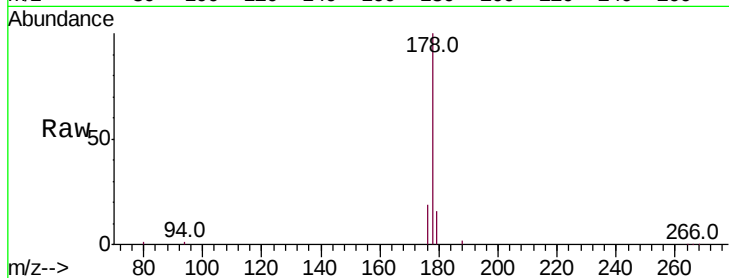
Tot Ion:178 Resp: 23638

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

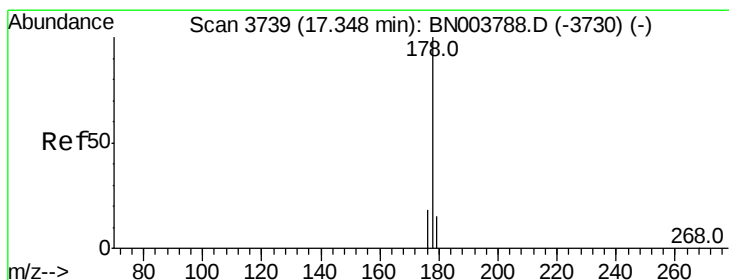
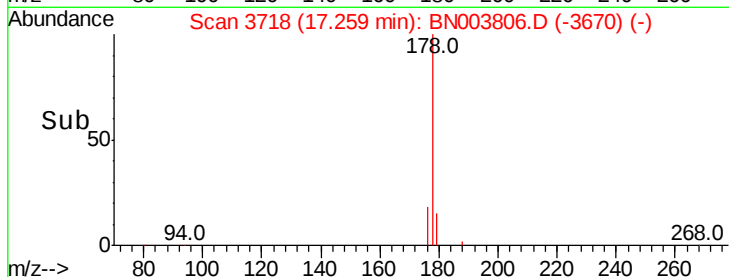
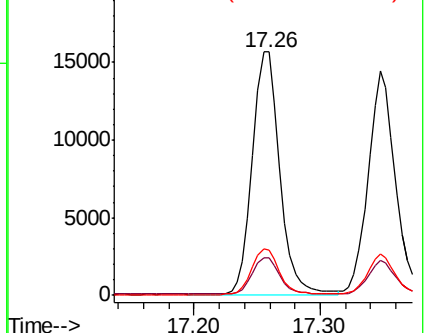
176 18.8 15.0 22.4



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: 0.423 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

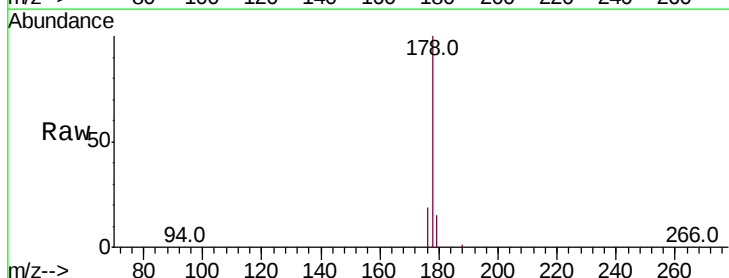
Tgt Ion:178 Resp: 21866

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

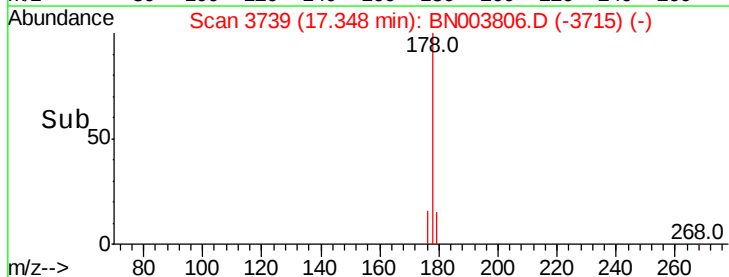
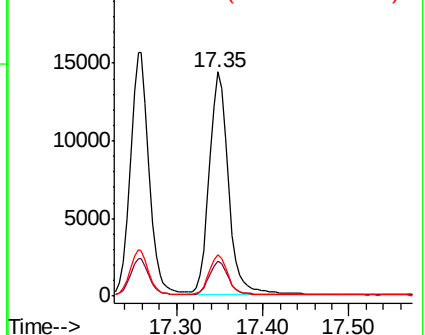
176 18.6 14.8 22.2

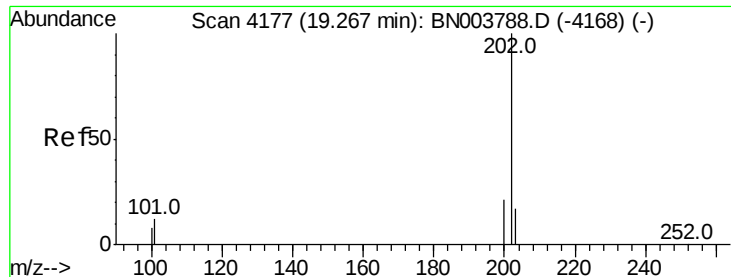


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.328 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

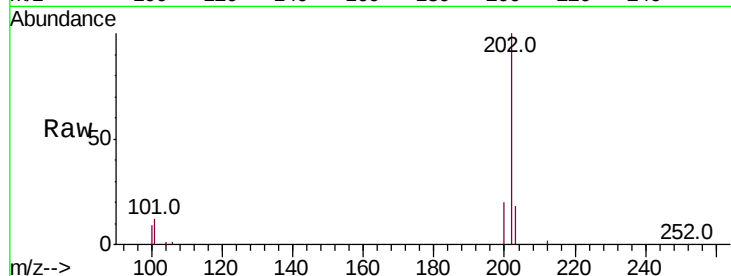
Tot Ion:202 Resp: 24334

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.7

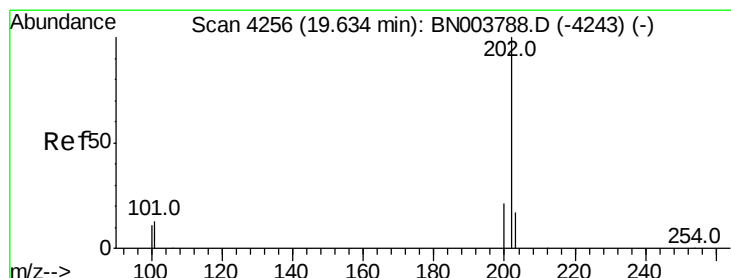
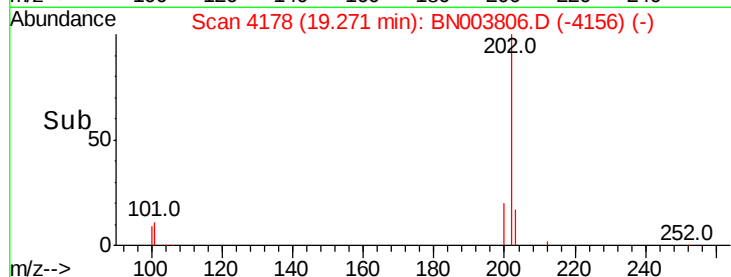
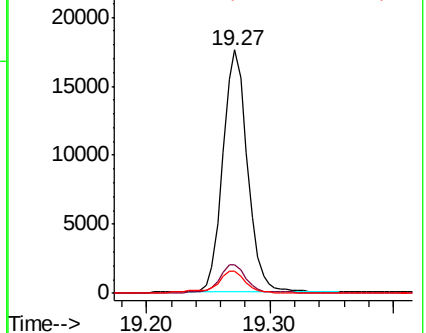
100 9.0 0.0 28.1



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



#17

Pyrene

Concen: 0.481 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

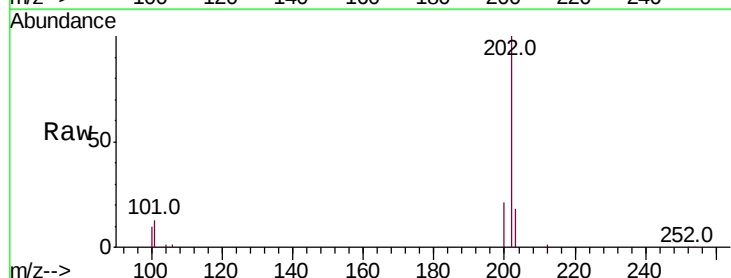
Tgt Ion:202 Resp: 24108

Ion Ratio Lower Upper

202 100

101 13.2 10.3 15.5

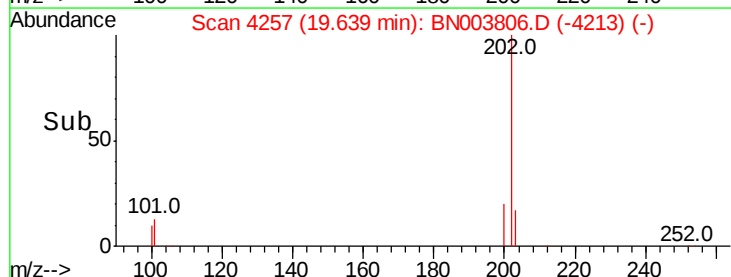
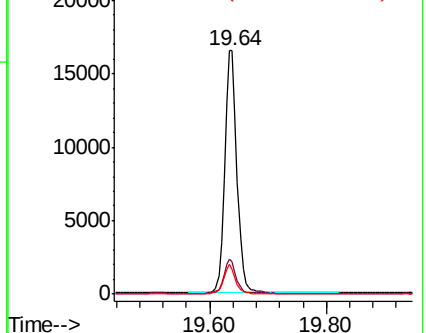
100 10.2 8.5 12.7

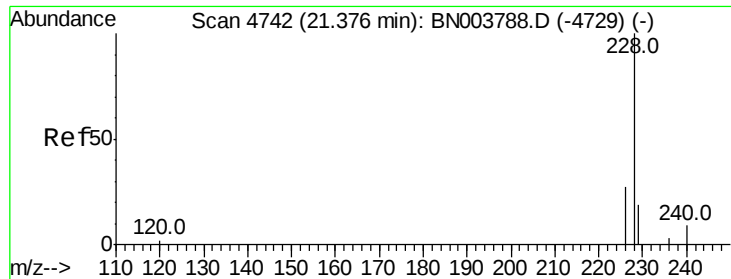


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.450 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

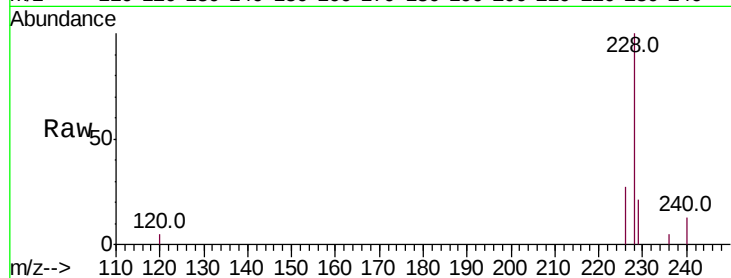
Tot Ion:228 Resp: 19881

Ion Ratio Lower Upper

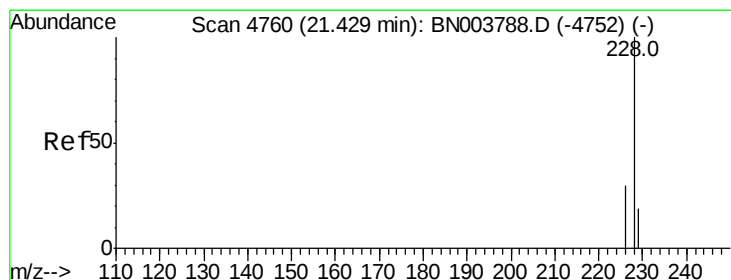
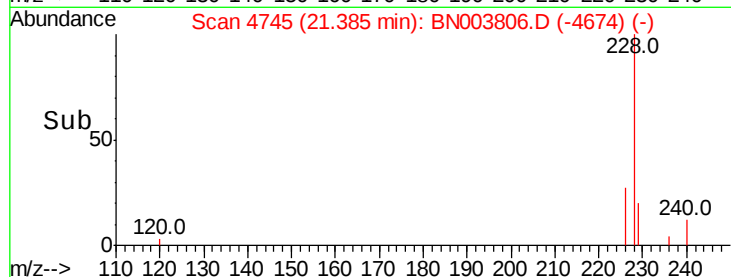
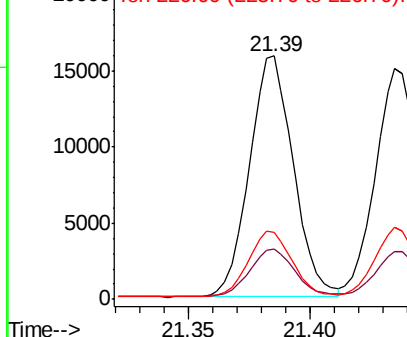
228 100

229 20.8 15.6 23.4

226 27.4 21.1 31.7



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: 0.380 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

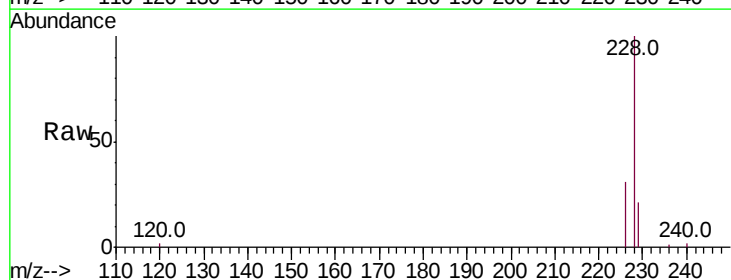
Tgt Ion:228 Resp: 19233

Ion Ratio Lower Upper

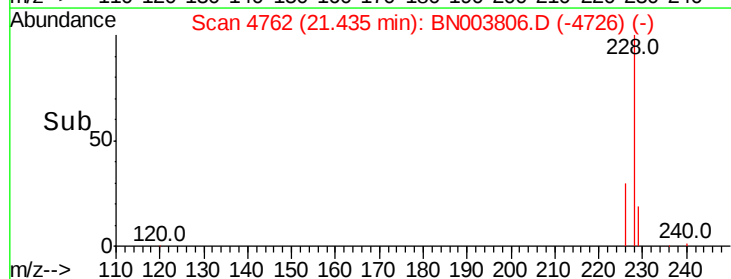
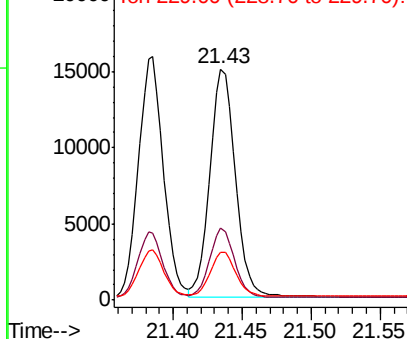
228 100

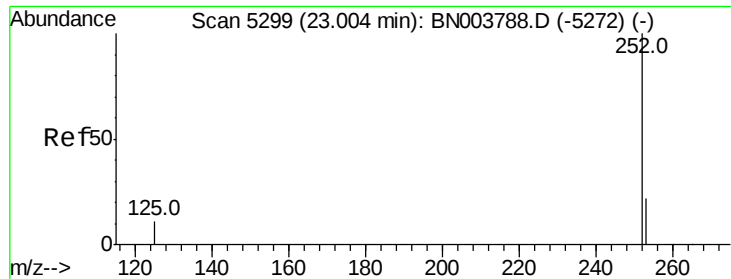
226 31.0 24.0 36.0

229 20.6 15.7 23.5



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: 0.342 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

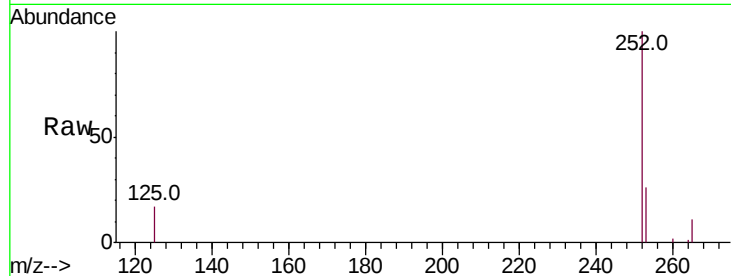
Tot Ion:252 Resp: 19906

Ion Ratio Lower Upper

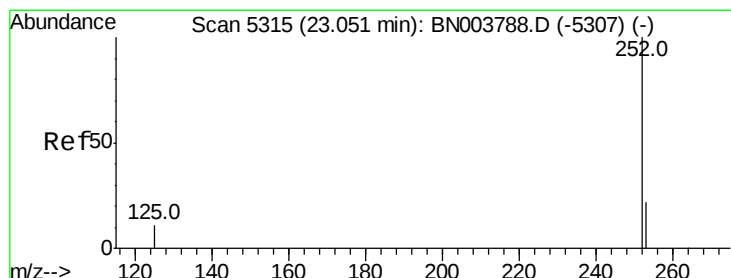
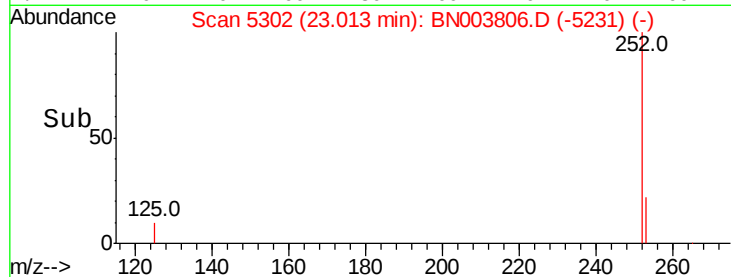
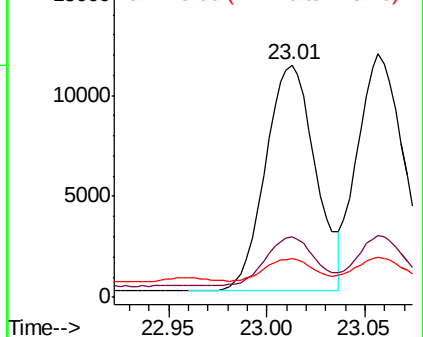
252 100

253 25.9 0.0 46.0

125 16.7 0.0 22.4



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: 0.350 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

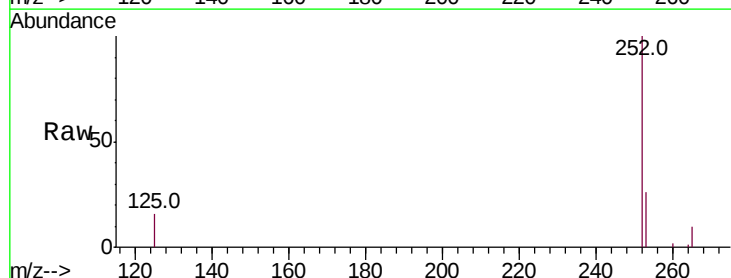
Tgt Ion:252 Resp: 19846

Ion Ratio Lower Upper

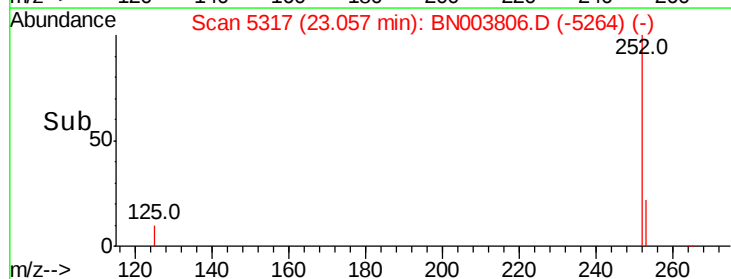
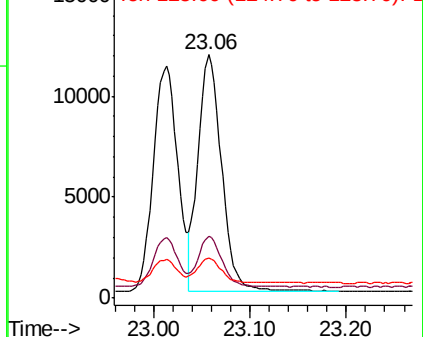
252 100

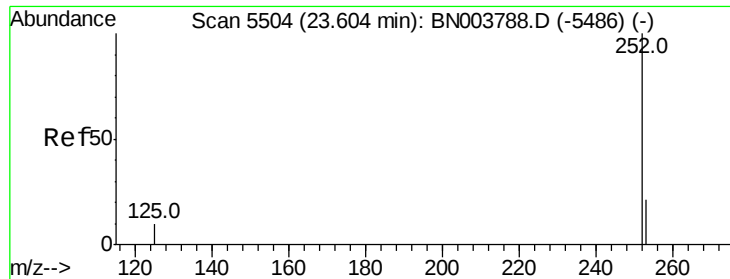
253 25.5 18.5 27.7

125 16.5 9.0 13.6#



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: 0.385 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

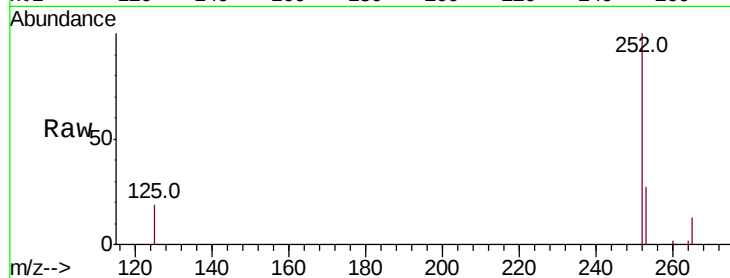
Tot Ion:252 Resp: 19402

Ion Ratio Lower Upper

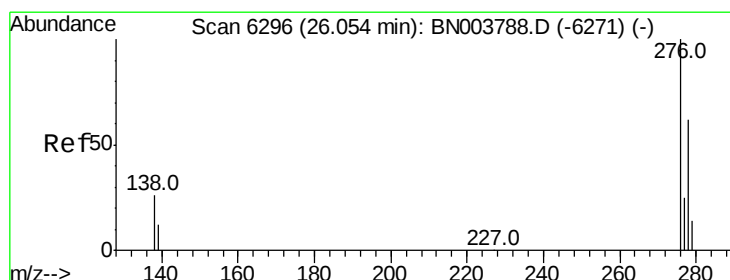
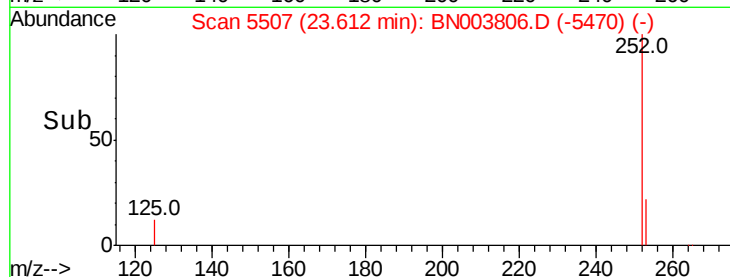
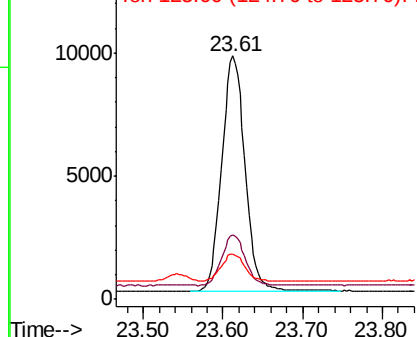
252 100

253 26.6 19.0 28.4

125 18.7 10.2 15.4#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 26.07 min Scan# 6300

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

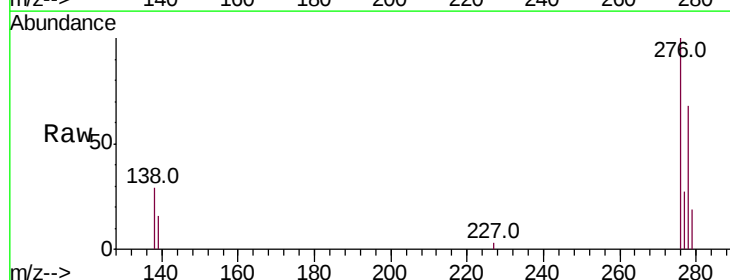
Tgt Ion:276 Resp: 23903

Ion Ratio Lower Upper

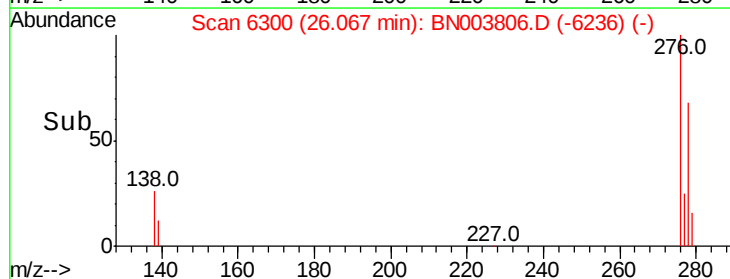
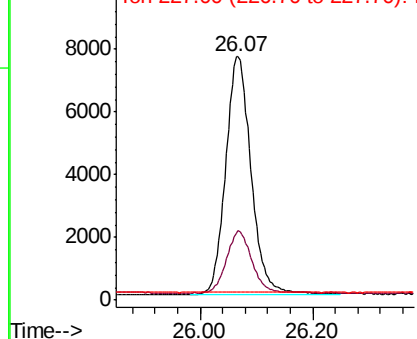
276 100

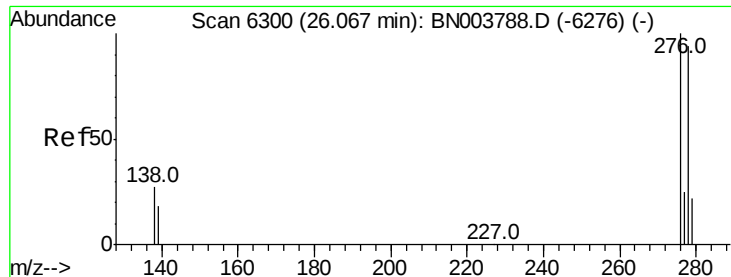
138 25.7 20.3 30.5

227 0.0 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: 0.409 ng/ul

RT: 26.08 min Scan# 6303

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

Instrument :

BNA_N

ClientSampleId :

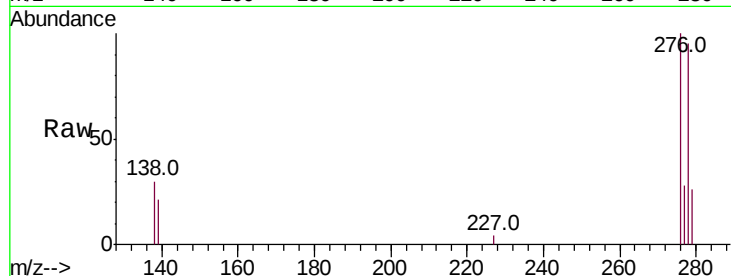
Tot Ion:278 Resp: 19009

Ion Ratio Lower Upper

278 100

139 21.7 14.2 21.4#

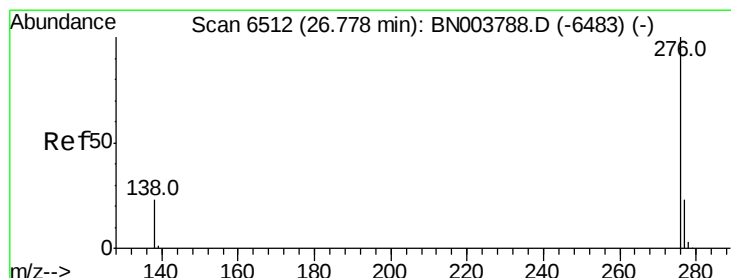
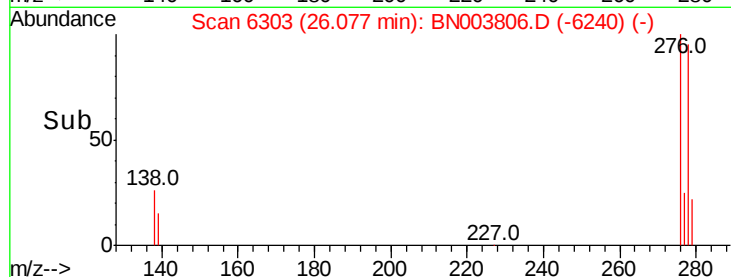
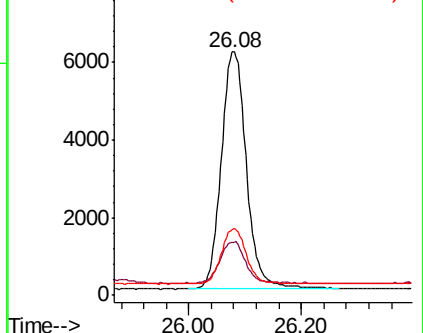
279 27.2 19.8 29.6



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(g,h,i)perylene

Concen: 0.402 ng/ul

RT: 26.79 min Scan# 6516

Delta R.T. 0.01 min

Lab File: BN003806.D

Acq: 11 Dec 2018 09:30

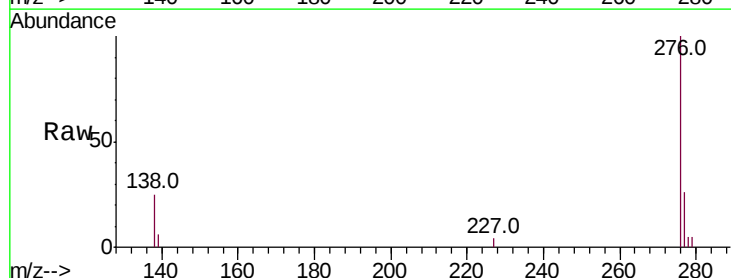
Tgt Ion:276 Resp: 20195

Ion Ratio Lower Upper

276 100

138 25.3 17.7 26.5

277 26.4 19.3 28.9



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

