

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101618\
 Data File : BN003165.D
 Acq On : 16 Oct 2018 13:17
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 01:25:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 05:59:15 2018
 Response via : Initial Calibration

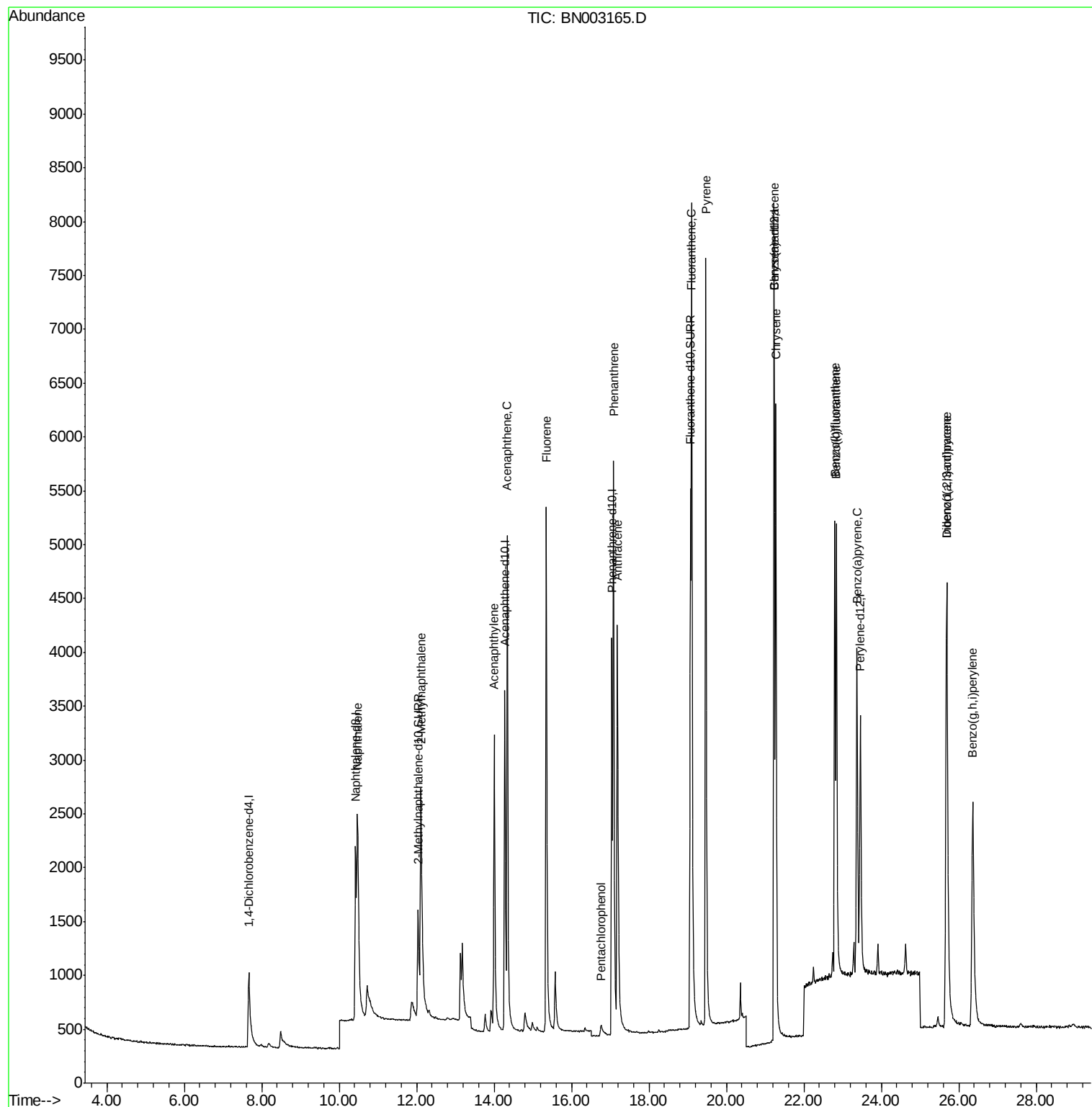
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	790	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3986	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2532	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6080	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	4521	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	4162	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2747	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	7399	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	4483	0.438	ng/ul	96
5) 2-Methylnaphthalene	12.11	142	3123	0.444	ng/ul	98
7) Acenaphthylene	14.00	152	4905	0.423	ng/ul	99
8) Acenaphthene	14.34	153	3920	0.446	ng/ul	99
9) Fluorene	15.35	166	4569	0.454	ng/ul	99
11) Pentachlorophenol	16.77	266	213	0.361	ng/ul	87
12) Phenanthrene	17.08	178	7498	0.442	ng/ul	99
13) Anthracene	17.18	178	6725	0.420	ng/ul	99
15) Fluoranthene	19.10	202	8518	0.428	ng/ul	99
17) Pyrene	19.47	202	8804	0.501	ng/ul	100
18) Benzo(a)anthracene	21.23	228	6216	0.427	ng/ul	99
19) Chrysene	21.28	228	6830	0.462	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	5902	0.394	ng/ul	98
22) Benzo(k)fluoranthene	22.84	252	6617	0.426	ng/ul	98
23) Benzo(a)pyrene	23.37	252	5903	0.439	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.69	276	6123	0.397	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.69	278	4608	0.373	ng/ul	99
26) Benzo(g,h,i)perylene	26.37	276	5567	0.428	ng/ul	100

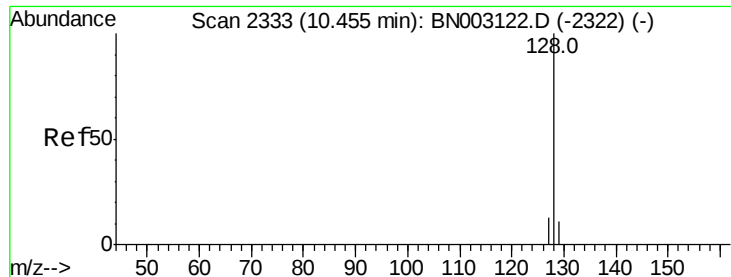
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.438 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampleId :

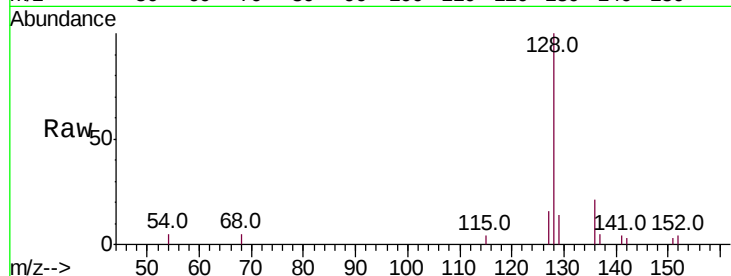
Tot Ion:128 Resp: 4483

Ion Ratio Lower Upper

128 100

129 14.1 10.4 15.6

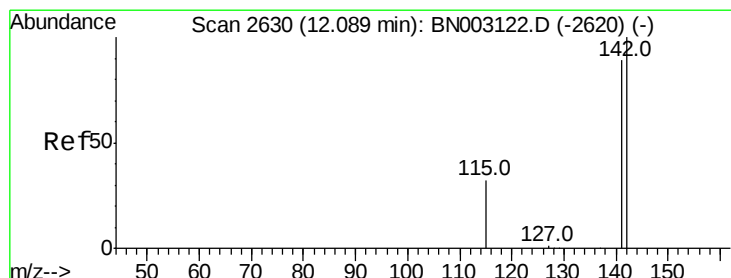
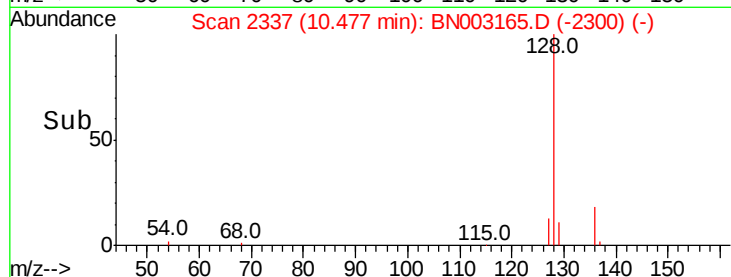
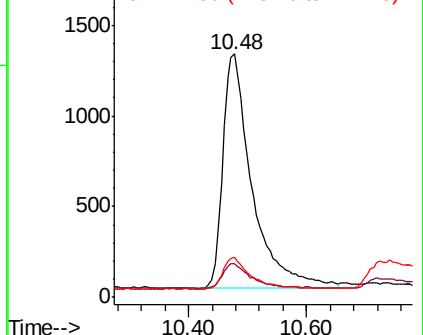
127 16.4 11.7 17.5



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: 0.444 ng/ul

RT: 12.11 min Scan# 2634

Delta R.T. 0.01 min

Lab File: BN003165.D

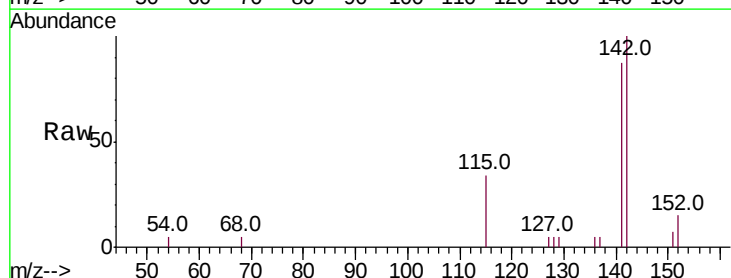
Acq: 16 Oct 2018 13:17

Tgt Ion:142 Resp: 3123

Ion Ratio Lower Upper

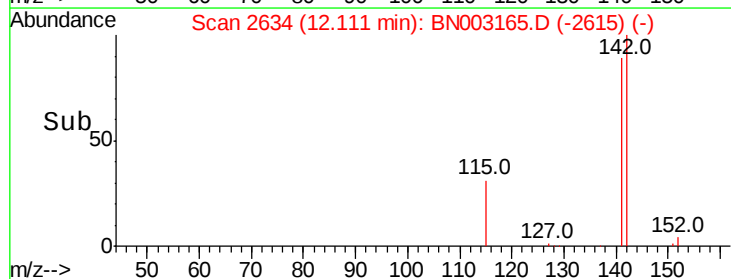
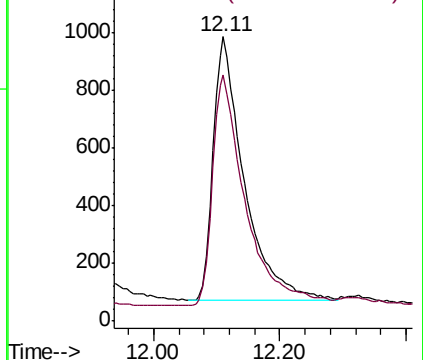
142 100

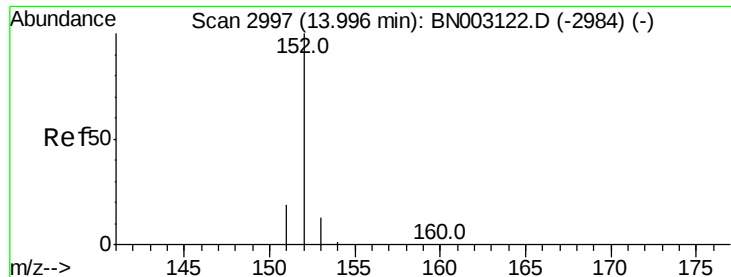
141 93.9 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.423 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampled :

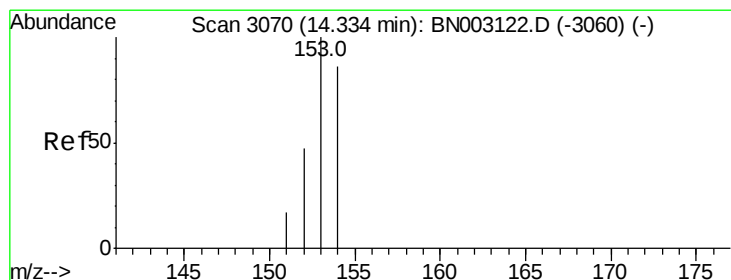
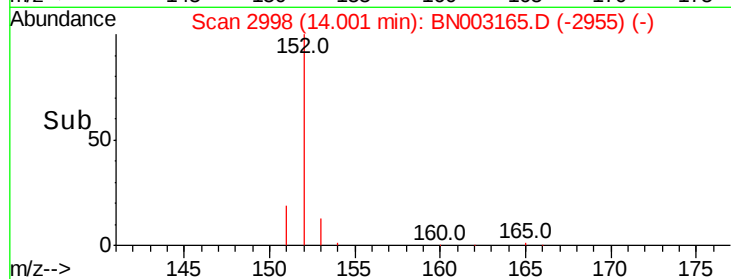
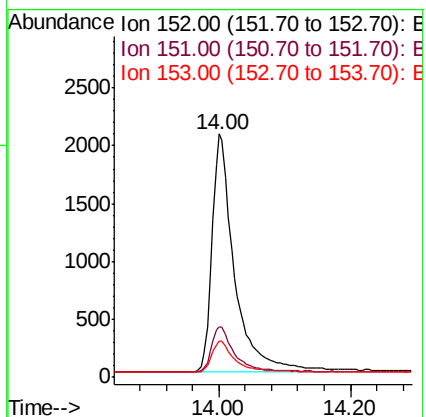
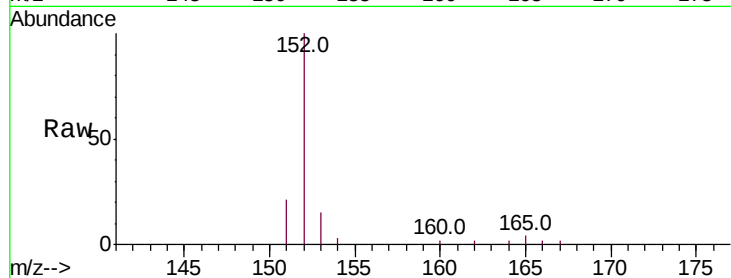
Tot Ion:152 Resp: 4905

Ion Ratio Lower Upper

152 100

151 20.8 16.5 24.7

153 14.9 11.4 17.2



#8

Acenaphthene

Concen: 0.446 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

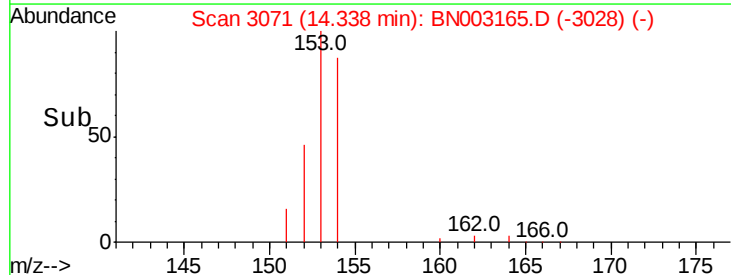
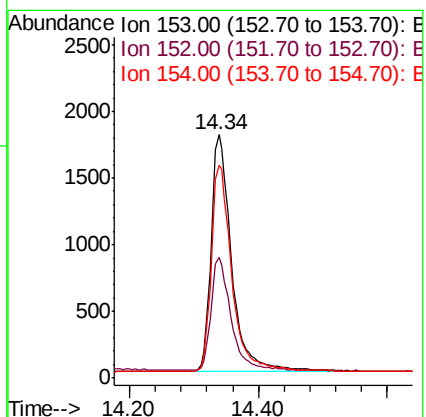
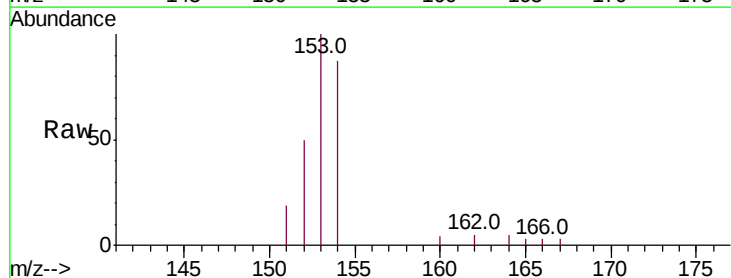
Tgt Ion:153 Resp: 3920

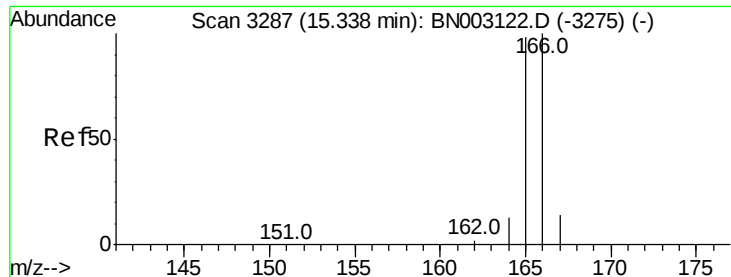
Ion Ratio Lower Upper

153 100

152 49.5 38.2 57.4

154 87.4 70.2 105.2





#9

Fluorene

Concen: 0.454 ng/ul

RT: 15.35 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampleId :

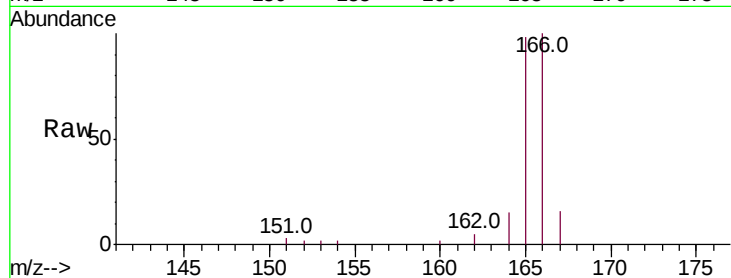
Tot Ion:166 Resp: 4569

Ion Ratio Lower Upper

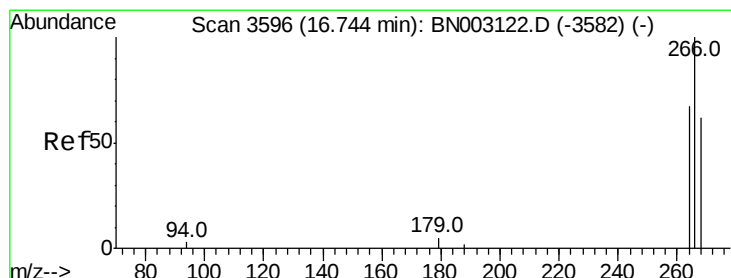
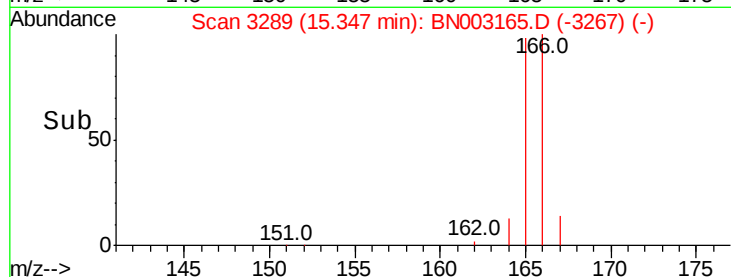
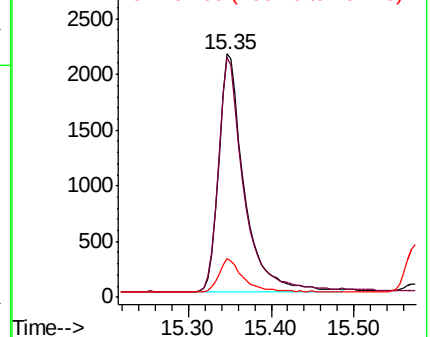
166 100

165 98.4 78.5 117.7

167 15.9 11.6 17.4



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: 0.361 ng/ul

RT: 16.77 min Scan# 3601

Delta R.T. 0.02 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

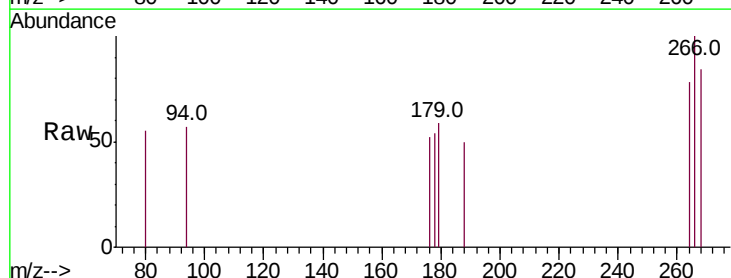
Tgt Ion:266 Resp: 213

Ion Ratio Lower Upper

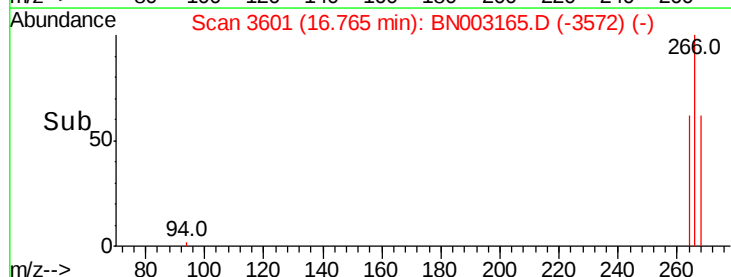
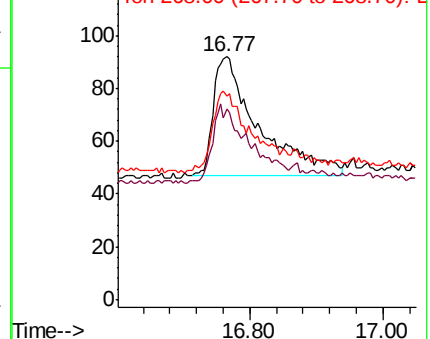
266 100

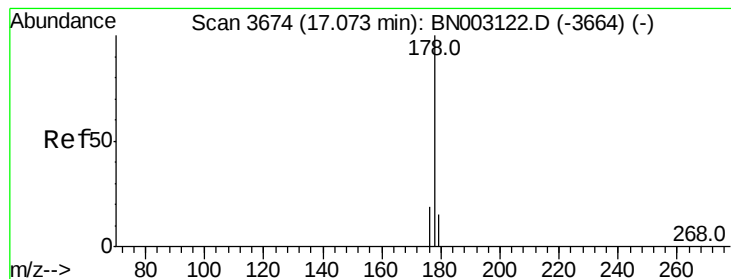
264 55.9 52.5 78.7

268 70.9 48.6 72.8



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: 0.442 ng/ul

RT: 17.08 min Scan# 3676

Delta R.T. 0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampleId :

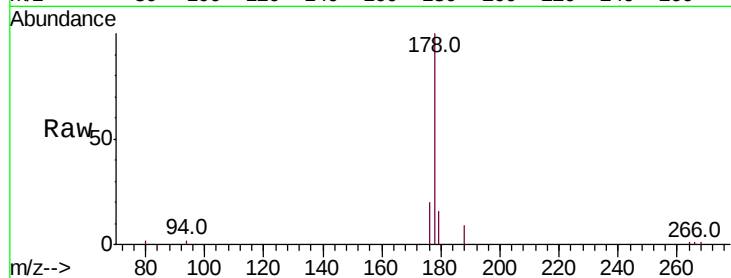
Tot Ion:178 Resp: 7498

Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

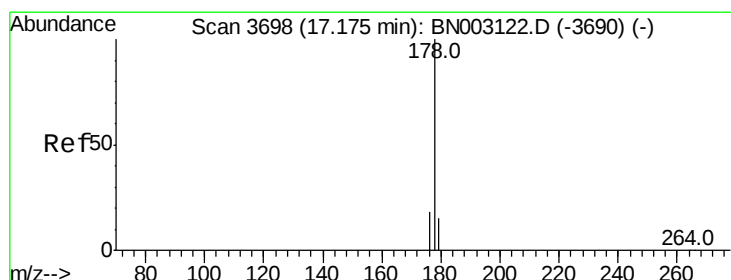
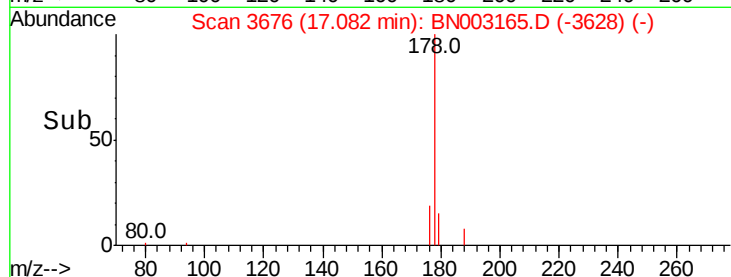
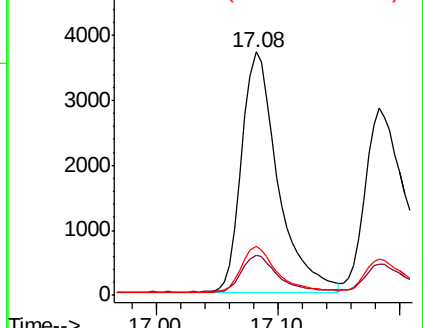
176 20.2 15.4 23.2



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: 0.420 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

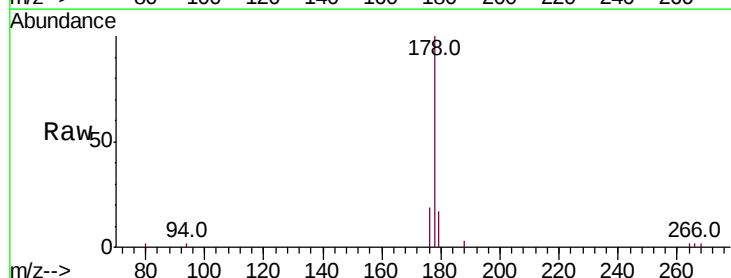
Tgt Ion:178 Resp: 6725

Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.6

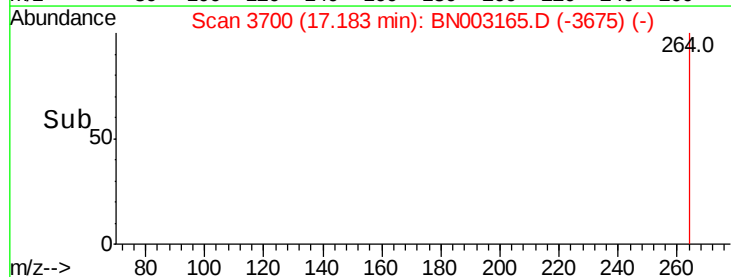
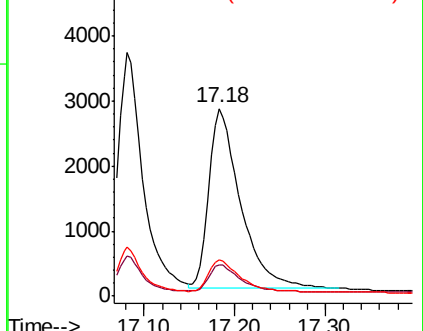
176 19.4 15.3 22.9

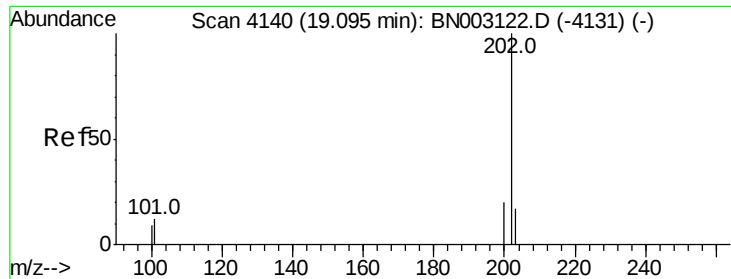


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

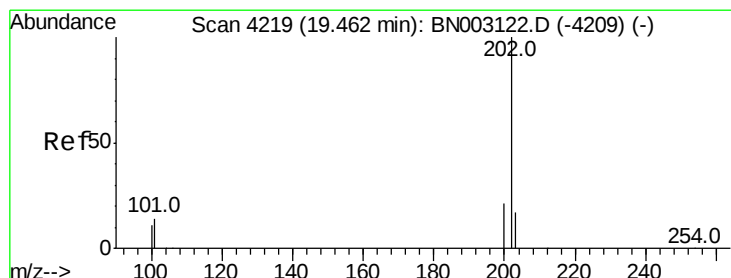
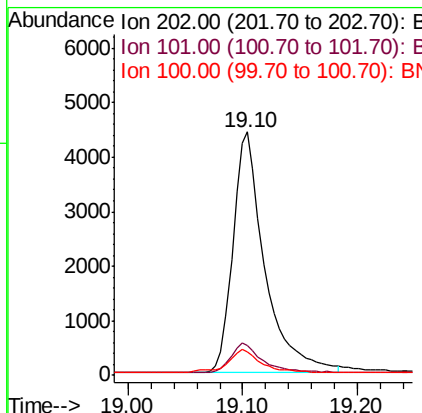
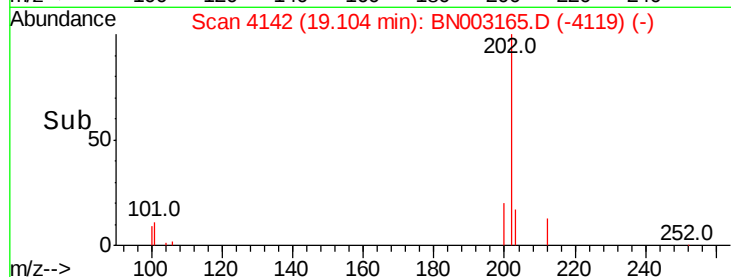
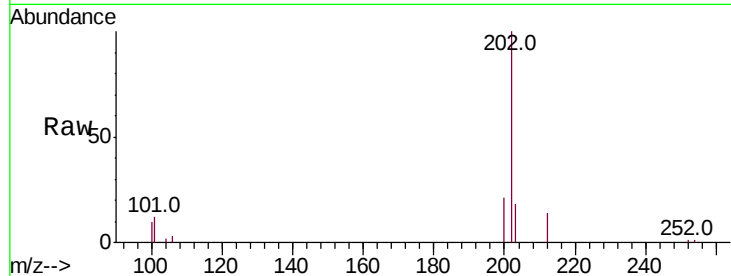




#15
 Fluoranthene
 Concen: 0.428 ng/ul
 RT: 19.10 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: BN003165.D
 Acq: 16 Oct 2018 13:17

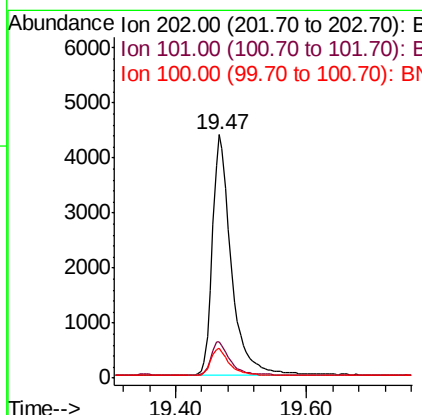
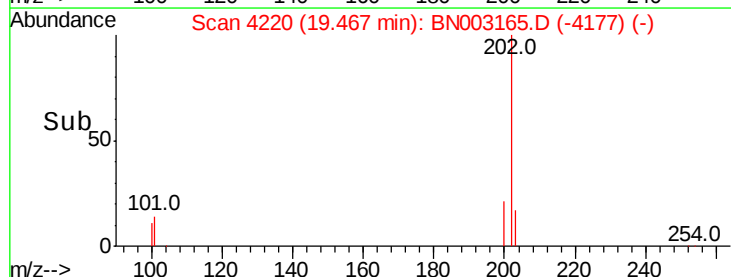
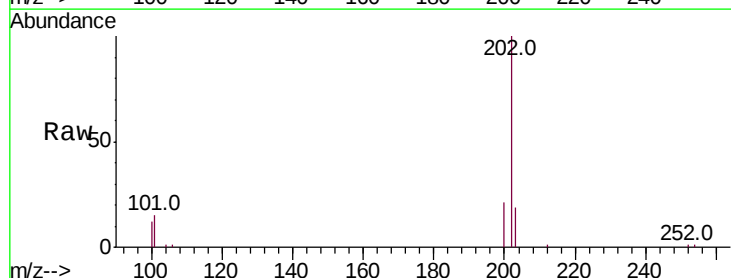
Instrument :
 BNA_N
 ClientSampleId :

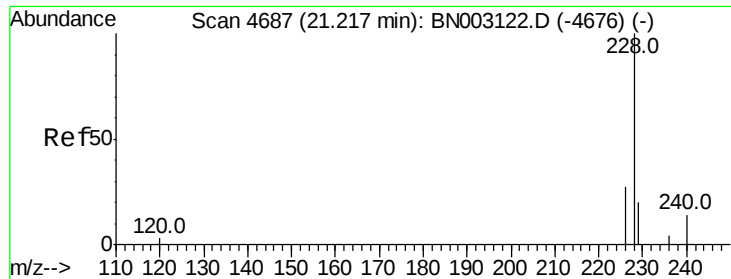
Tot Ion:202 Resp: 8518
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.3
 100 9.8 0.0 29.1



#17
 Pyrene
 Concen: 0.501 ng/ul
 RT: 19.47 min Scan# 4220
 Delta R.T. -0.00 min
 Lab File: BN003165.D
 Acq: 16 Oct 2018 13:17

Tgt Ion:202 Resp: 8804
 Ion Ratio Lower Upper
 202 100
 101 14.8 11.9 17.9
 100 12.2 9.9 14.9





#18

Benzo(a)anthracene

Concen: 0.427 ng/ul

RT: 21.23 min Scan# 4690

Delta R.T. -0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampleId :

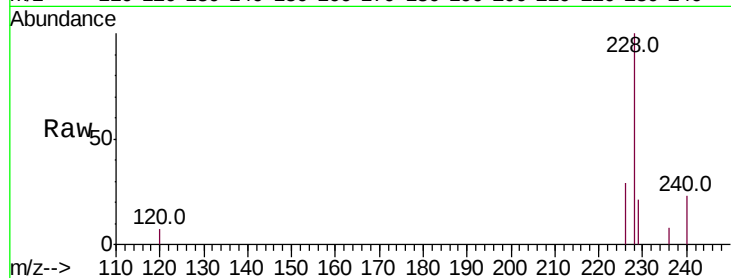
Tot Ion:228 Resp: 6216

Ion Ratio Lower Upper

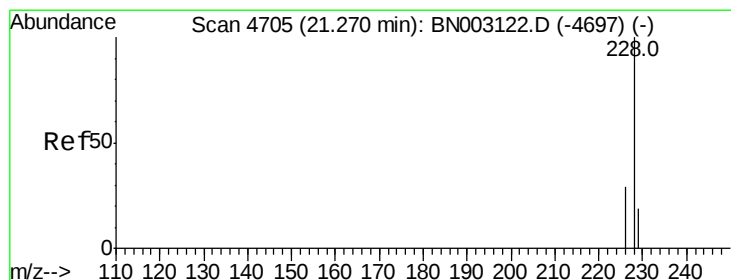
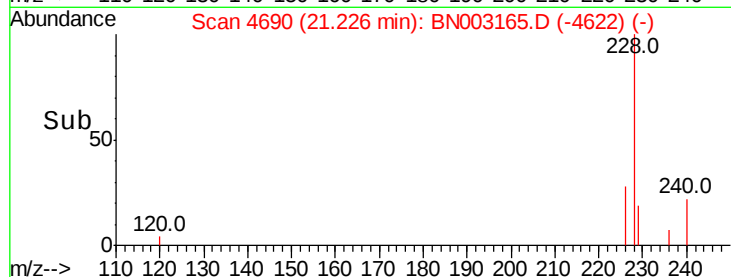
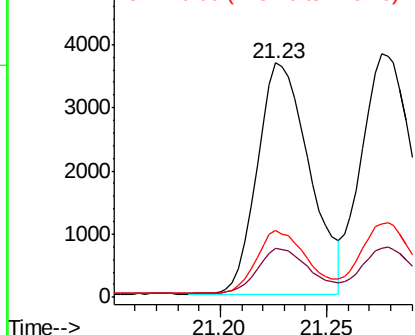
228 100

229 20.8 16.2 24.2

226 28.7 22.3 33.5



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: 0.462 ng/ul

RT: 21.28 min Scan# 4707

Delta R.T. 0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

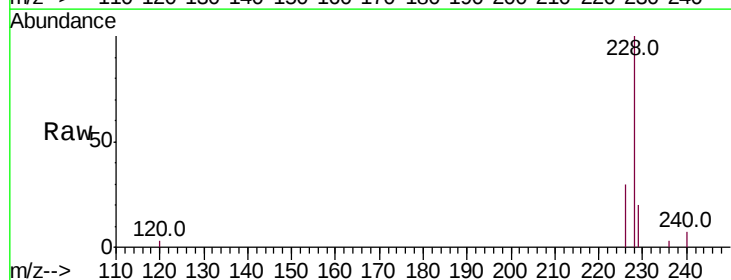
Tgt Ion:228 Resp: 6830

Ion Ratio Lower Upper

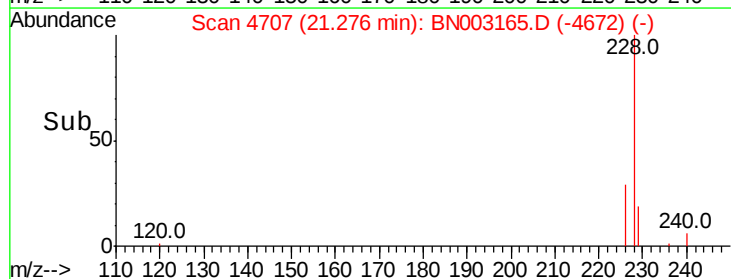
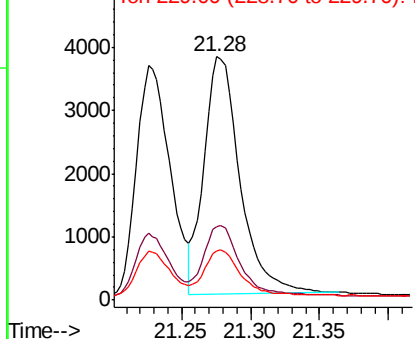
228 100

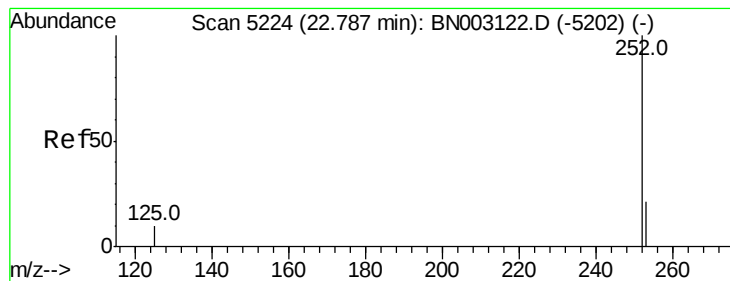
226 30.2 24.2 36.4

229 20.4 16.7 25.1



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: 0.394 ng/ul

RT: 22.80 min Scan# 5227

Delta R.T. 0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampleId :

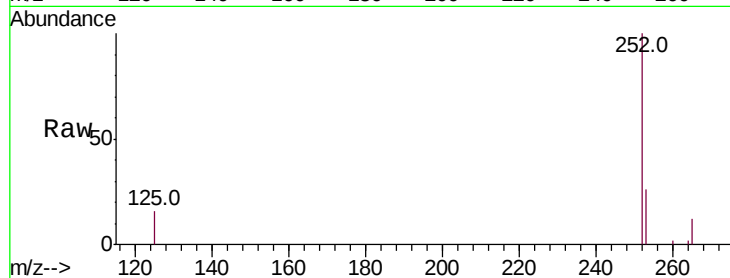
Tot Ion:252 Resp: 5902

Ion Ratio Lower Upper

252 100

253 26.0 0.0 53.2

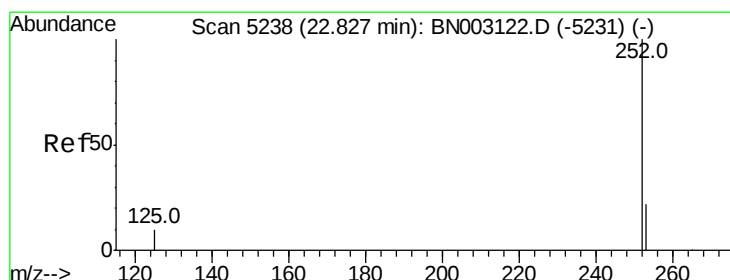
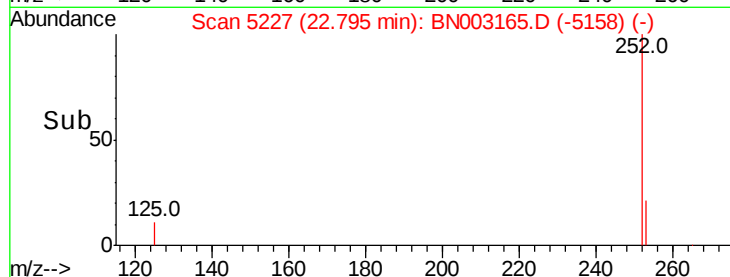
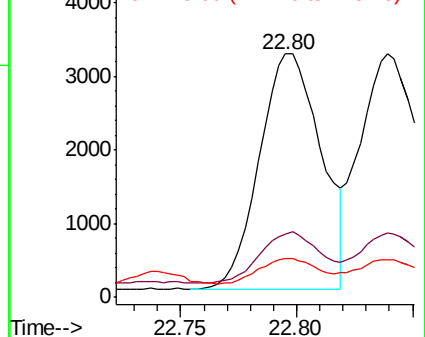
125 15.8 0.0 34.2



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: 0.426 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. 0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

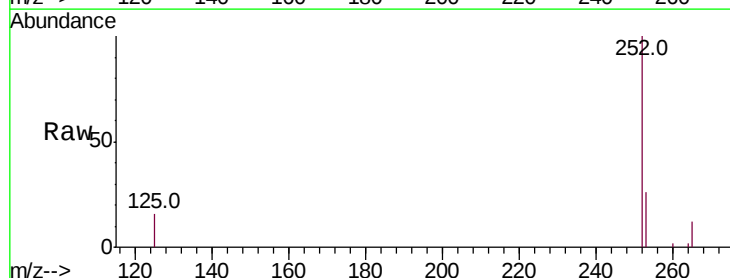
Tgt Ion:252 Resp: 6617

Ion Ratio Lower Upper

252 100

253 26.5 21.3 31.9

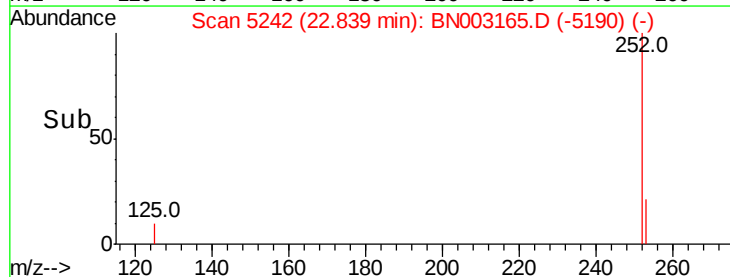
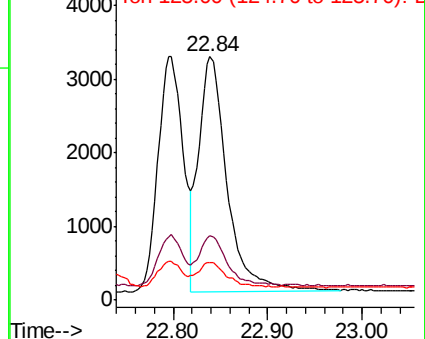
125 15.5 14.1 21.1

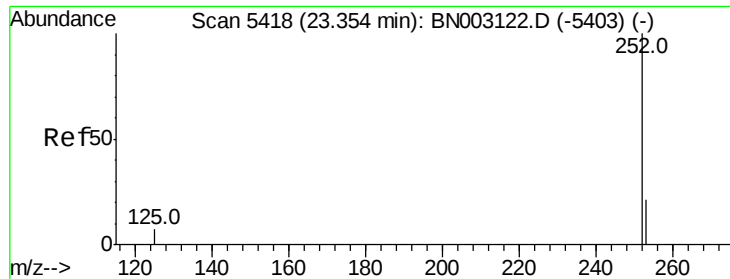


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.439 ng/ul

RT: 23.37 min Scan# 5423

Delta R.T. 0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampleId :

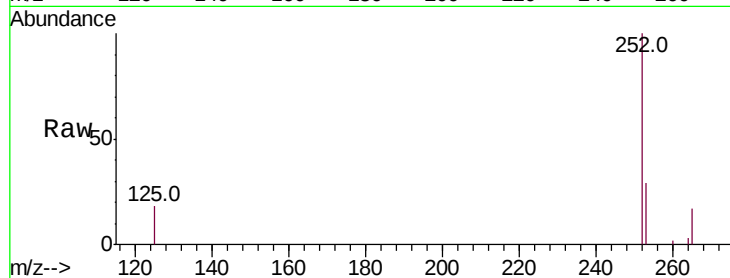
Tot Ion:252 Resp: 5903

Ion Ratio Lower Upper

252 100

253 28.8 23.1 34.7

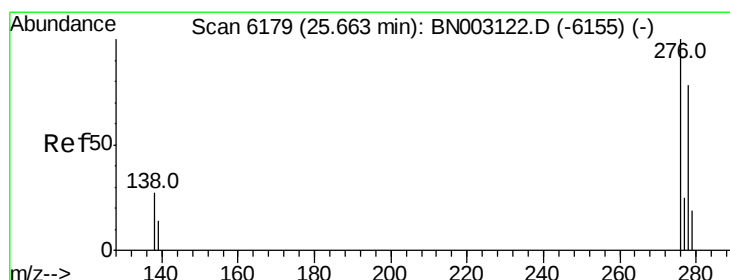
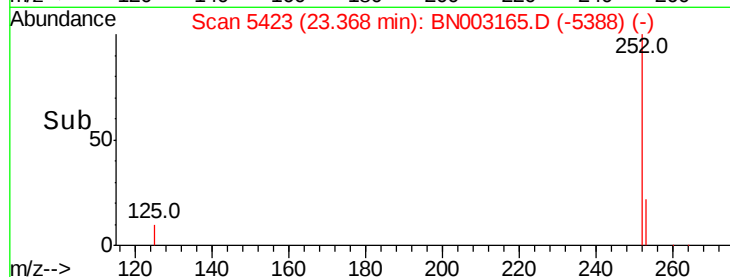
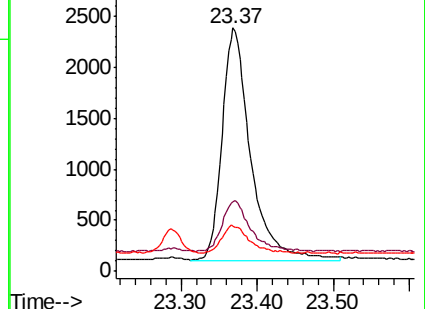
125 18.4 16.9 25.3



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: 0.397 ng/ul

RT: 25.69 min Scan# 6187

Delta R.T. 0.01 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

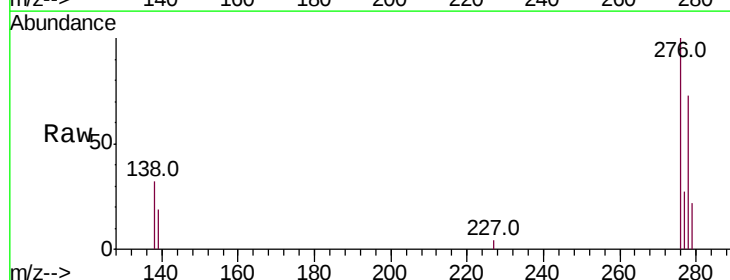
Tgt Ion:276 Resp: 6123

Ion Ratio Lower Upper

276 100

138 28.9 21.5 32.3

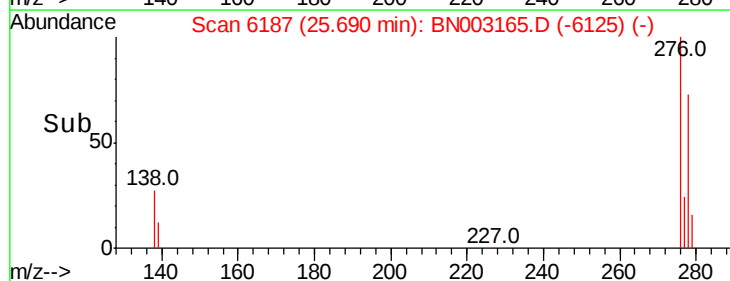
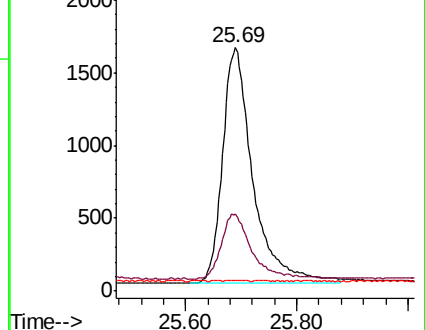
227 0.1 0.3 0.5#

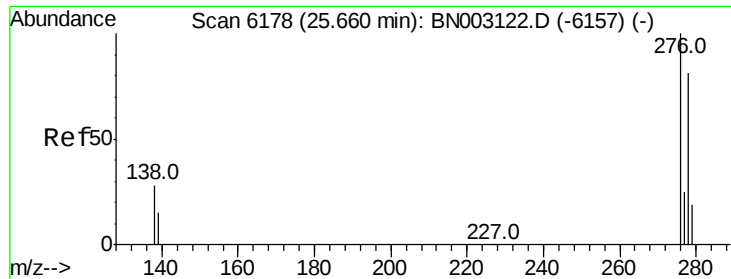


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.373 ng/ul

RT: 25.69 min Scan# 6186

Delta R.T. 0.00 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

Instrument :

BNA_N

ClientSampleId :

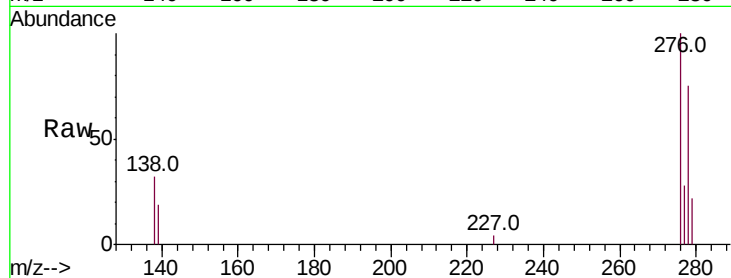
Tot Ion:278 Resp: 4608

Ion Ratio Lower Upper

278 100

139 25.3 20.2 30.4

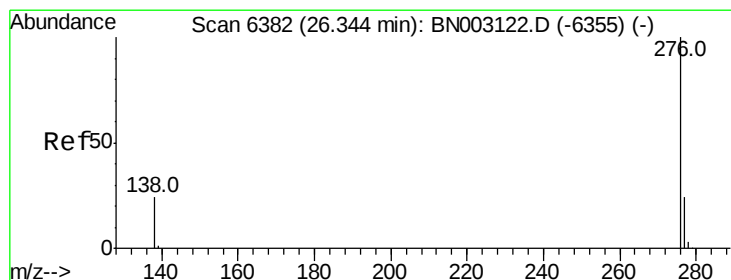
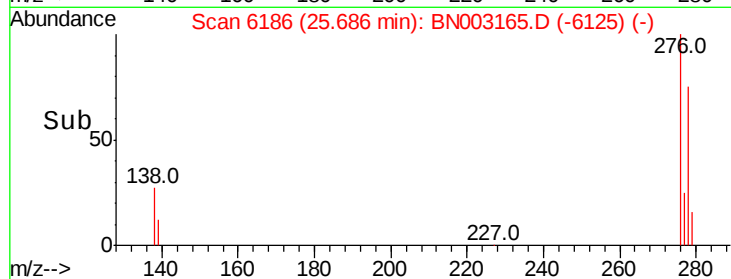
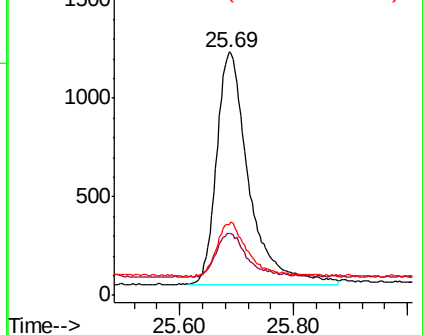
279 29.1 23.8 35.8



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: 26.37 min Scan# 6389

Delta R.T. 0.01 min

Lab File: BN003165.D

Acq: 16 Oct 2018 13:17

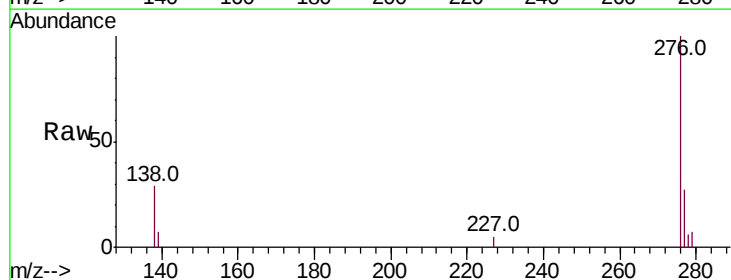
Tgt Ion:276 Resp: 5567

Ion Ratio Lower Upper

276 100

138 28.7 23.0 34.4

277 27.5 22.0 33.0



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

