

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003045.D
 Acq On : 10 Oct 2018 01:57
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 02:36:15 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 : Wed Oct 10 01:34:31 2018
 Response via : Initial Calibration

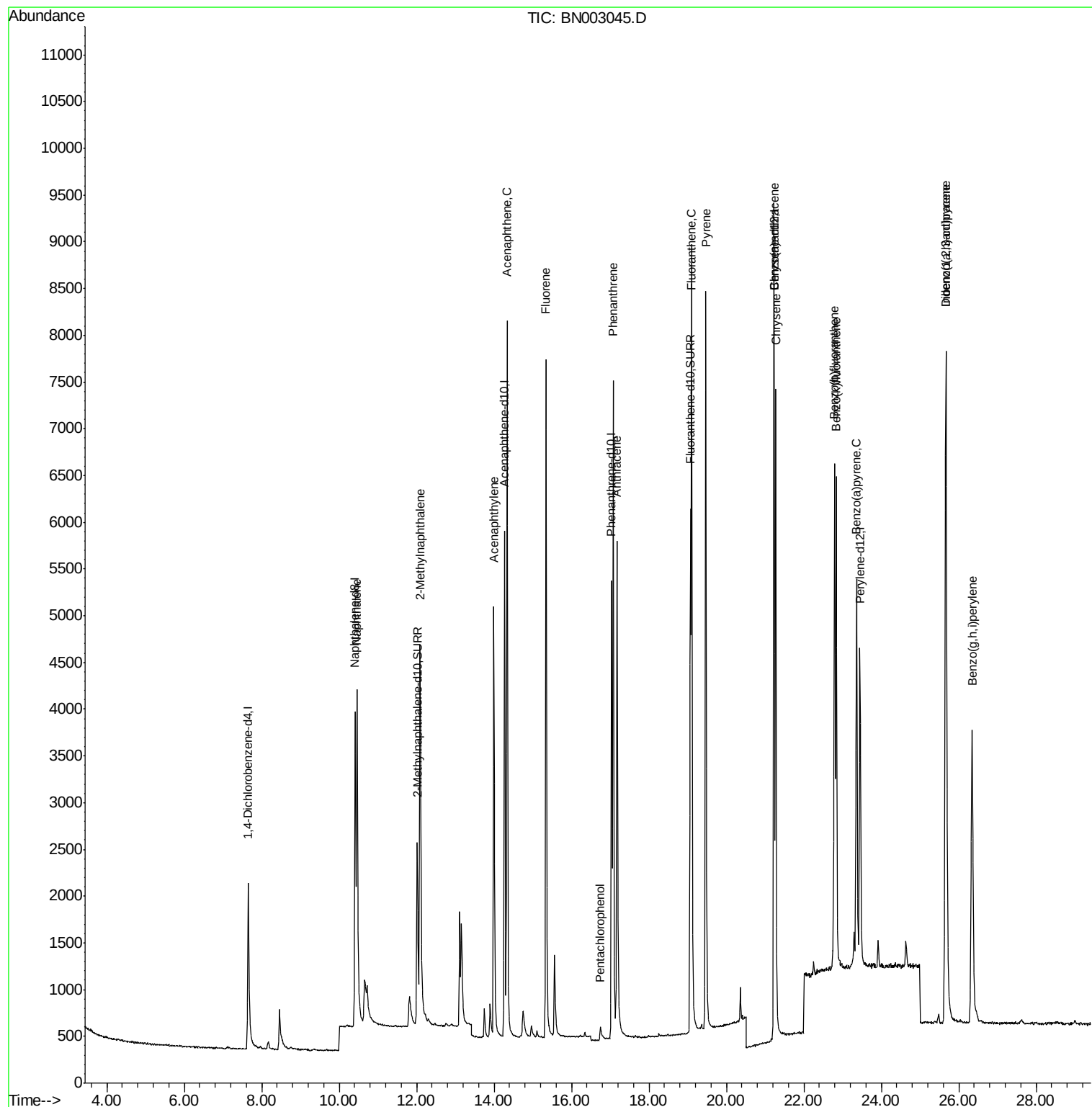
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1472	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	6334	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	3476	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	7141	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	4950	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5104	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4131	0.42	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	7639	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	6894	0.424	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	4714	0.421	ng/ul	99
7) Acenaphthylene	13.99	152	6818	0.429	ng/ul	100
8) Acenaphthene	14.33	153	5255	0.435	ng/ul	100
9) Fluorene	15.34	166	5816	0.421	ng/ul	100
11) Pentachlorophenol	16.74	266	307	0.443	ng/ul	87
12) Phenanthrene	17.07	178	8601	0.432	ng/ul	100
13) Anthracene	17.17	178	7952	0.423	ng/ul	99
15) Fluoranthene	19.09	202	8612	0.369	ng/ul	98
17) Pyrene	19.46	202	8622	0.448	ng/ul	100
18) Benzo(a)anthracene	21.22	228	6956	0.437	ng/ul	99
19) Chrysene	21.27	228	7099	0.439	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	7174	0.390	ng/ul	100
22) Benzo(k)fluoranthene	22.83	252	7552	0.396	ng/ul	99
23) Benzo(a)pyrene	23.36	252	7099	0.431	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.66	276	8876	0.469	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.66	278	7143	0.471	ng/ul	96
26) Benzo(g,h,i)perylene	26.34	276	7487	0.469	ng/ul	97

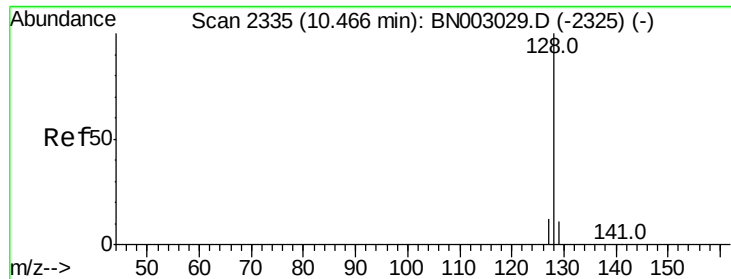
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.424 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

Instrument :

BNA_N

ClientSampleId :

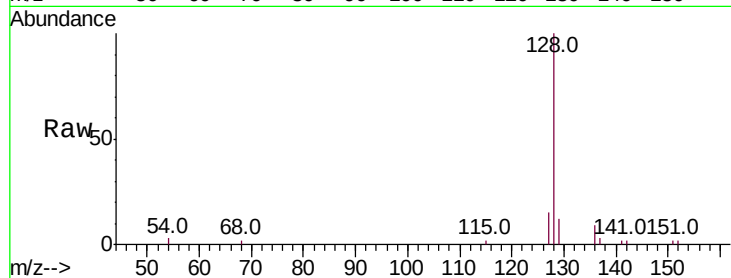
Tot Ion:128 Resp: 6894

Ion Ratio Lower Upper

128 100

129 12.4 10.4 15.6

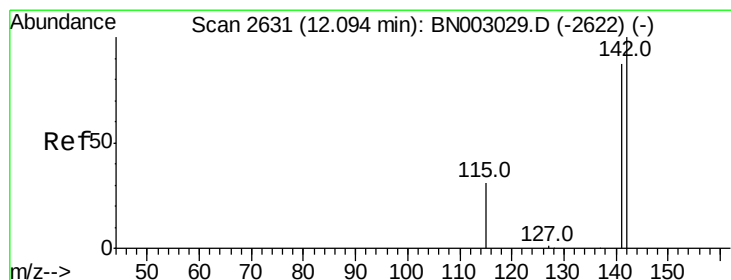
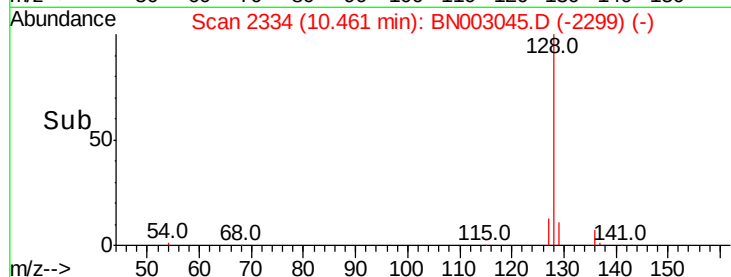
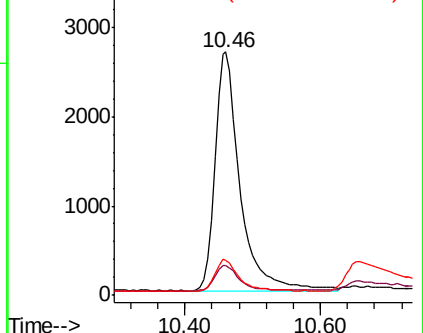
127 14.5 11.7 17.5



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: 0.421 ng/ul

RT: 12.09 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BN003045.D

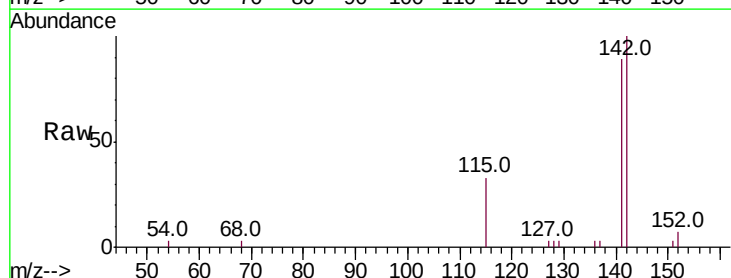
Acq: 10 Oct 2018 01:57

Tgt Ion:142 Resp: 4714

Ion Ratio Lower Upper

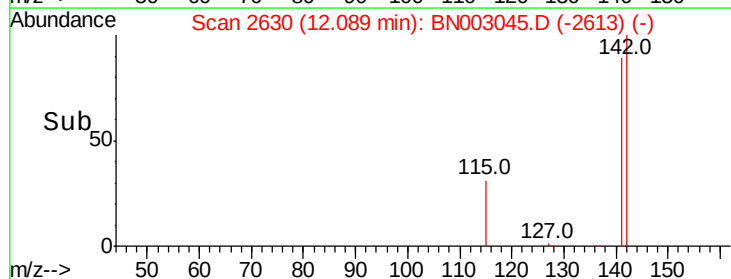
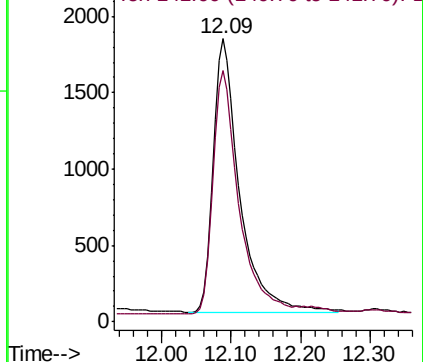
142 100

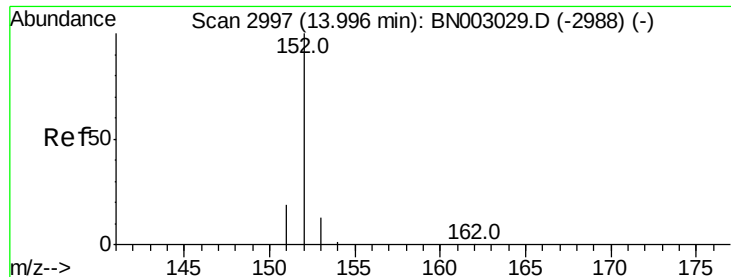
141 91.1 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.429 ng/ul

RT: 13.99 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

Instrument :

BNA_N

ClientSampleId :

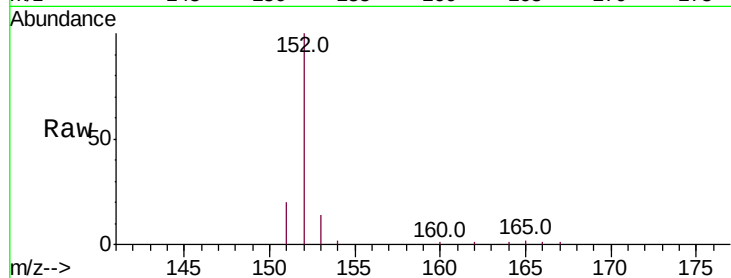
Tot Ion:152 Resp: 6818

Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

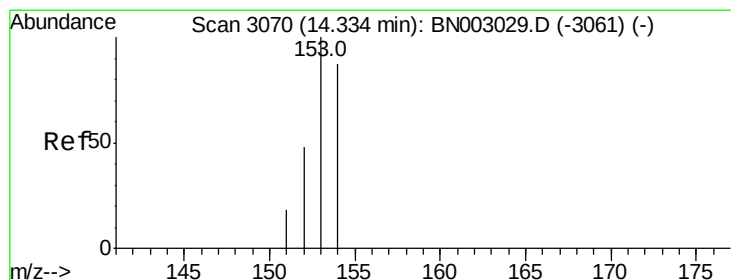
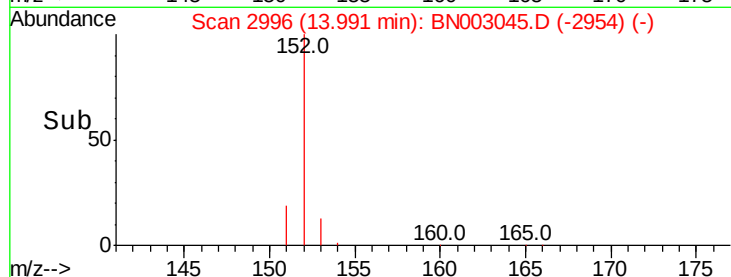
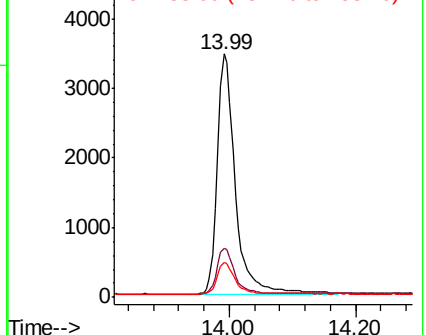
153 14.4 11.4 17.2



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: 0.435 ng/ul

RT: 14.33 min Scan# 3070

Delta R.T. 0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

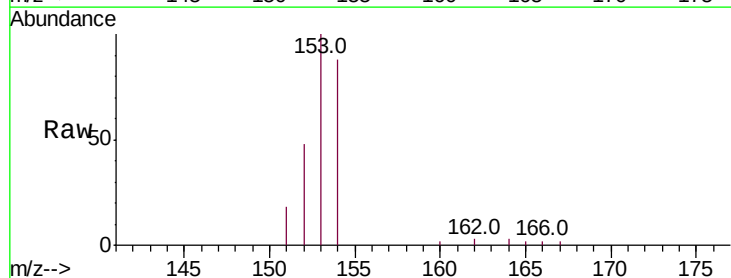
Tgt Ion:153 Resp: 5255

Ion Ratio Lower Upper

153 100

152 47.7 38.2 57.4

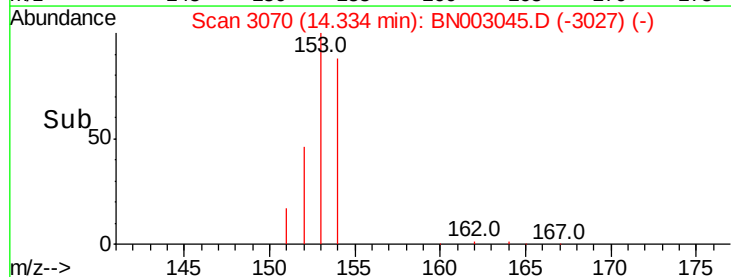
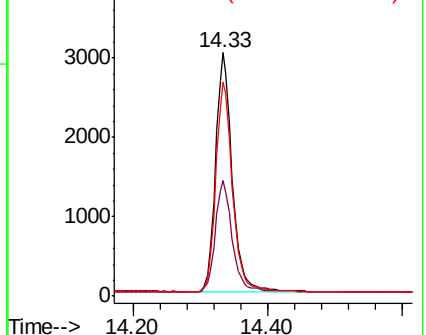
154 87.7 70.2 105.2

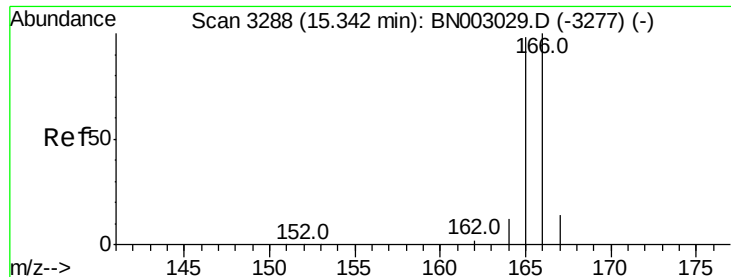


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.421 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

Instrument :

BNA_N

ClientSampleId :

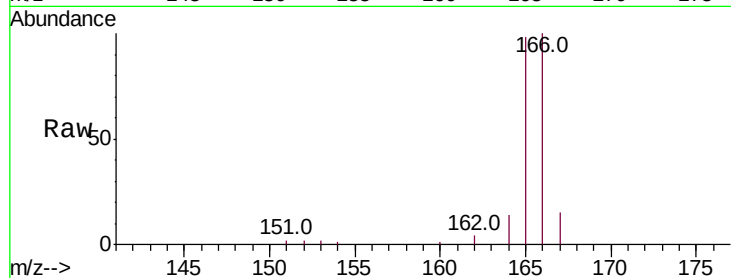
Tot Ion:166 Resp: 5816

Ion Ratio Lower Upper

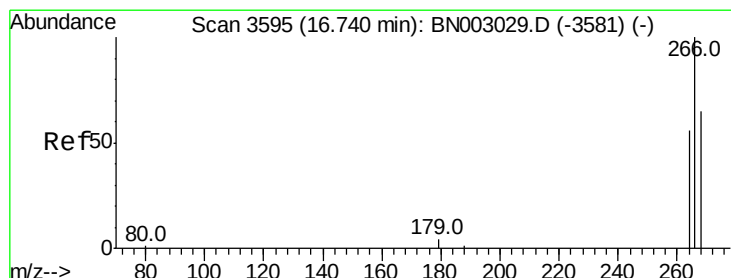
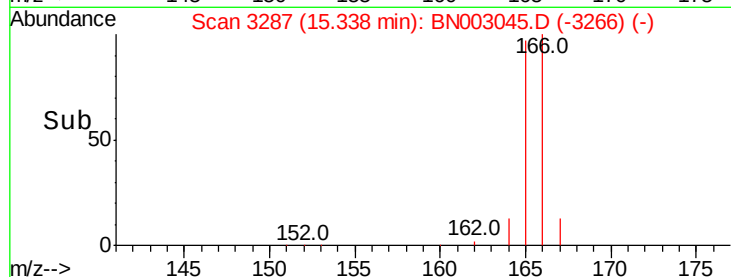
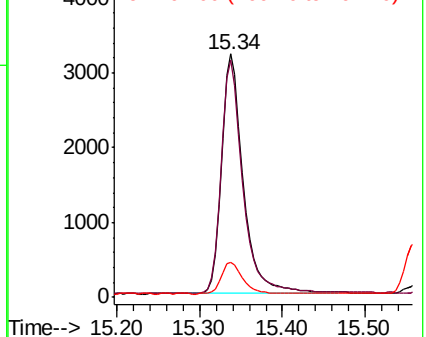
166 100

165 97.7 78.5 117.7

167 14.5 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: 0.443 ng/ul

RT: 16.74 min Scan# 3596

Delta R.T. 0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

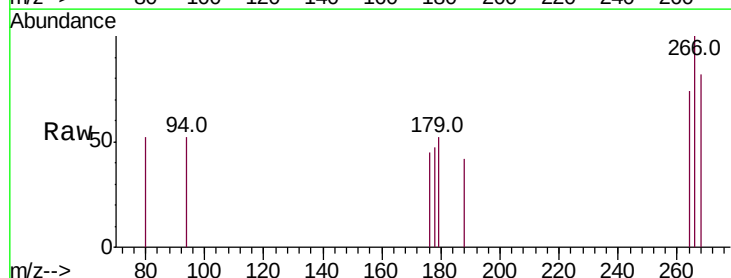
Tgt Ion:266 Resp: 307

Ion Ratio Lower Upper

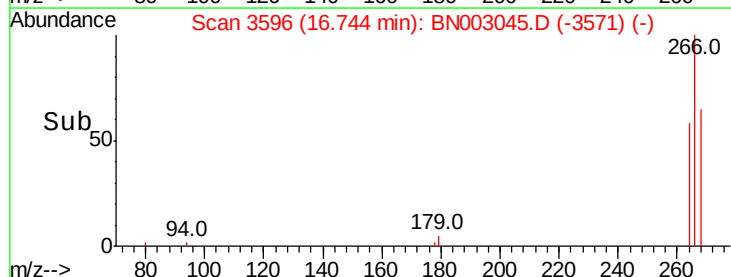
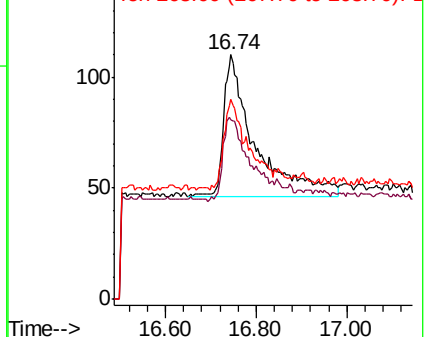
266 100

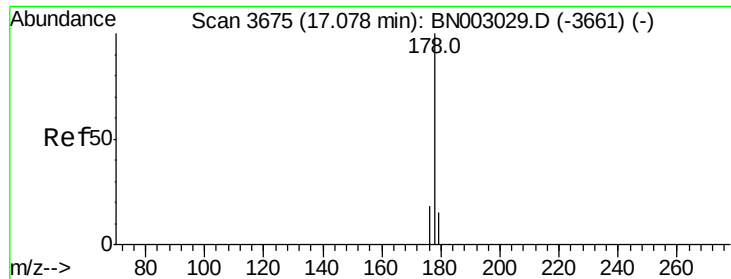
264 56.4 52.5 78.7

268 50.2 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

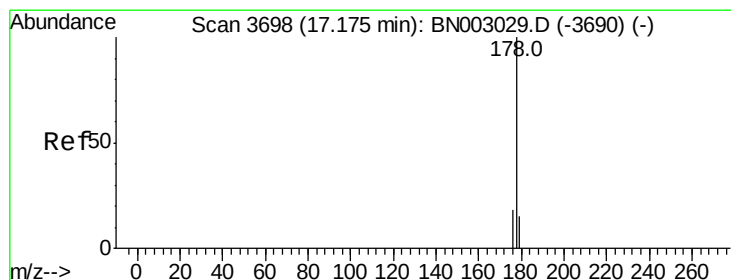
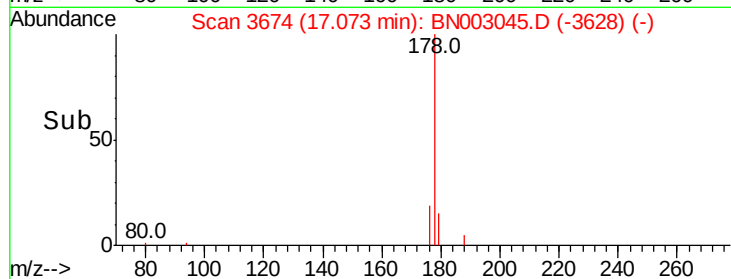
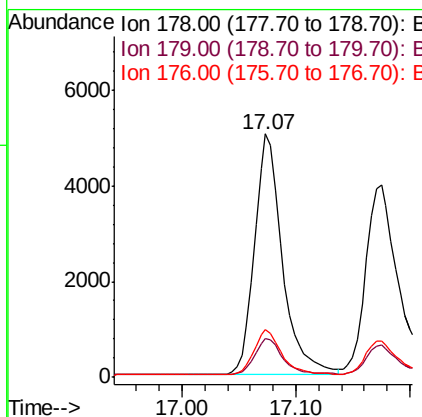
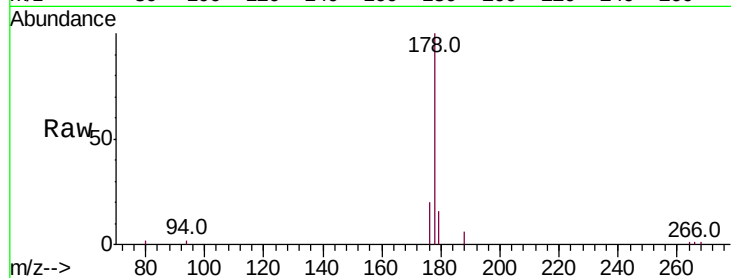




#12
Phenanthrene
Concen: 0.432 ng/ul
RT: 17.07 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN003045.D
Acq: 10 Oct 2018 01:57

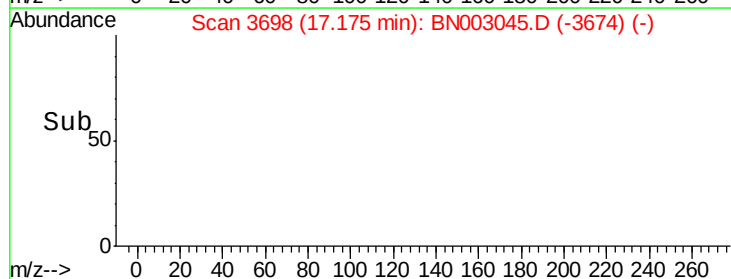
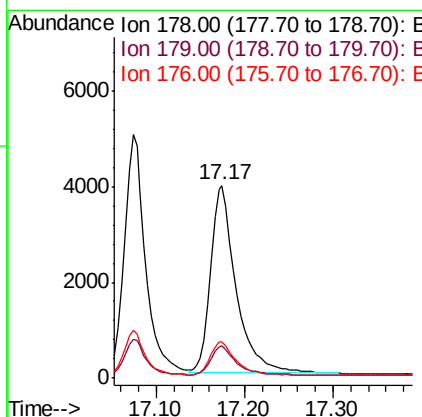
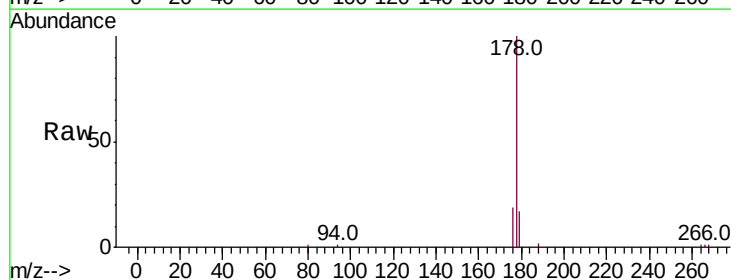
Instrument :
BNA_N
ClientSampleId :

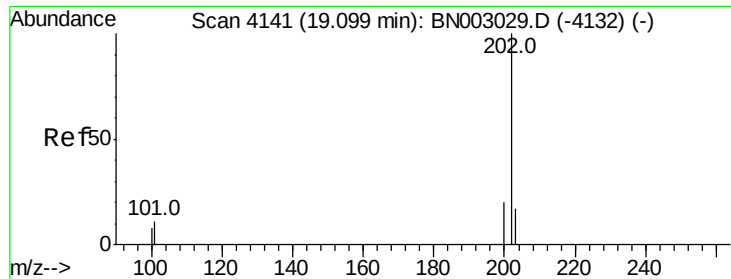
Tot Ion:178 Resp: 8601
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.4 23.2



#13
Anthracene
Concen: 0.423 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. 0.00 min
Lab File: BN003045.D
Acq: 10 Oct 2018 01:57

Tgt Ion:178 Resp: 7952
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 18.9 15.3 22.9

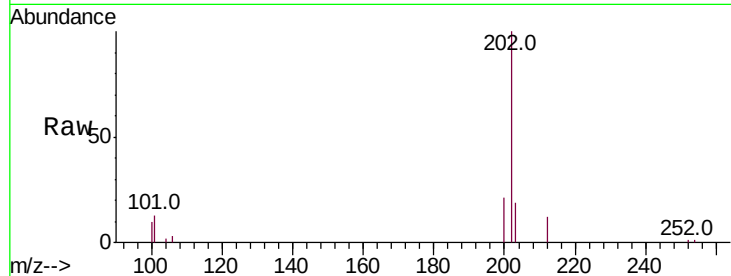




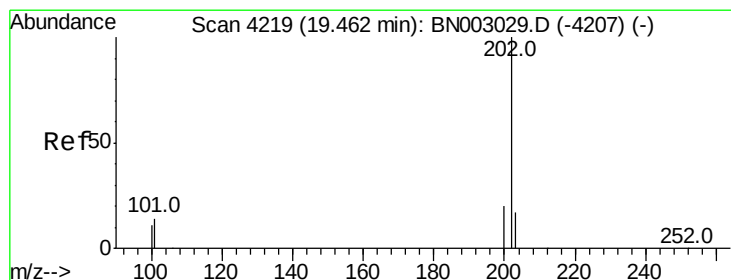
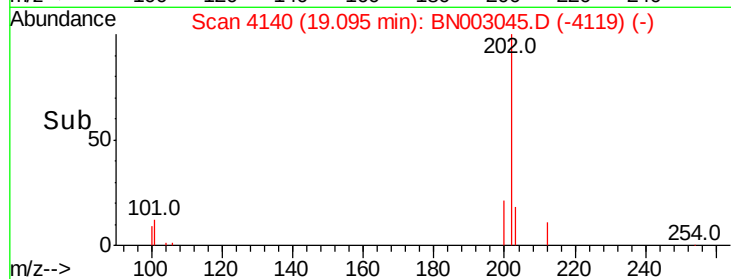
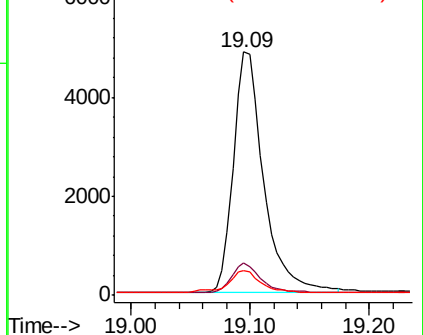
#15
Fluoranthene
 Concen: 0.369 ng/ul
 RT: 19.09 min Scan# 4140
 Delta R.T. -0.00 min
 Lab File: BN003045.D
 Acq: 10 Oct 2018 01:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 8612
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 32.3
 100 9.9 0.0 29.1

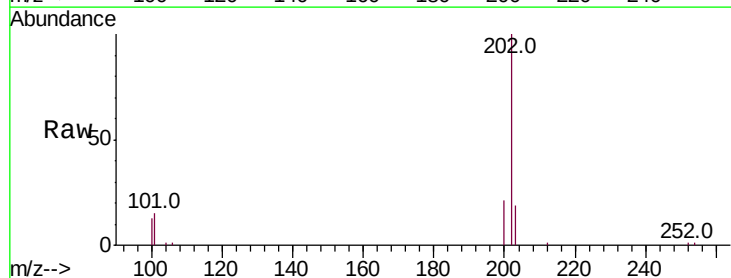


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

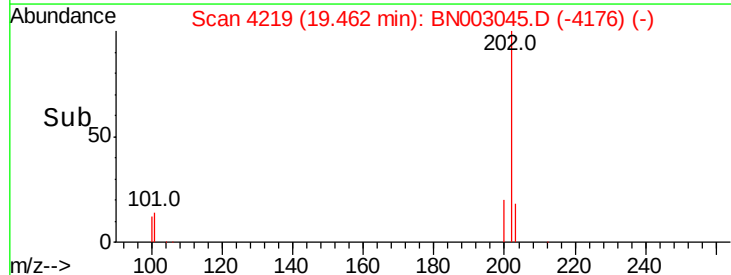
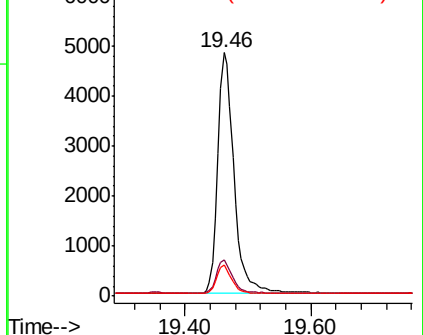


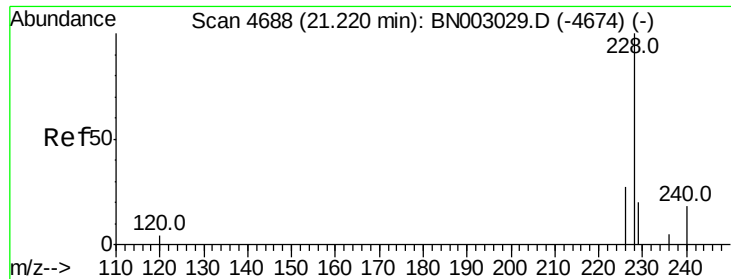
#17
Pyrene
 Concen: 0.448 ng/ul
 RT: 19.46 min Scan# 4219
 Delta R.T. 0.00 min
 Lab File: BN003045.D
 Acq: 10 Oct 2018 01:57

Tgt Ion:202 Resp: 8622
 Ion Ratio Lower Upper
 202 100
 101 14.8 11.9 17.9
 100 12.7 9.9 14.9



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





#18

Benzo(a)anthracene

Concen: 0.437 ng/ul

RT: 21.22 min Scan# 4688

Delta R.T. 0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

Instrument :

BNA_N

ClientSampleId :

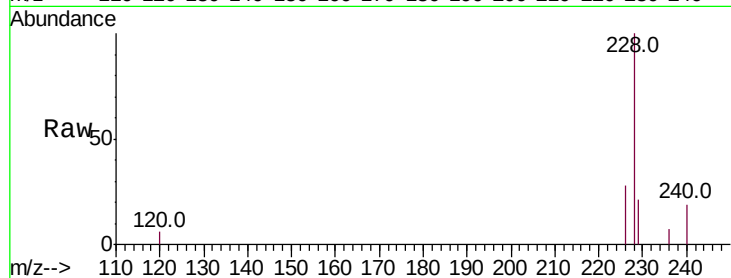
Tot Ion:228 Resp: 6956

Ion Ratio Lower Upper

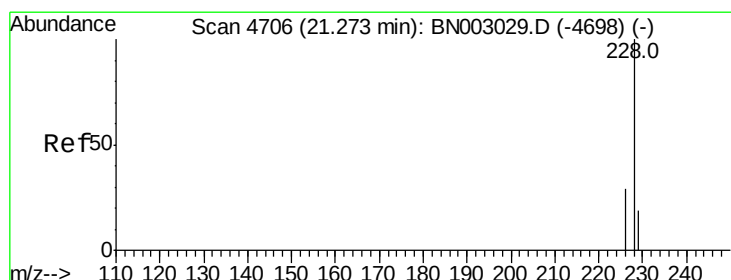
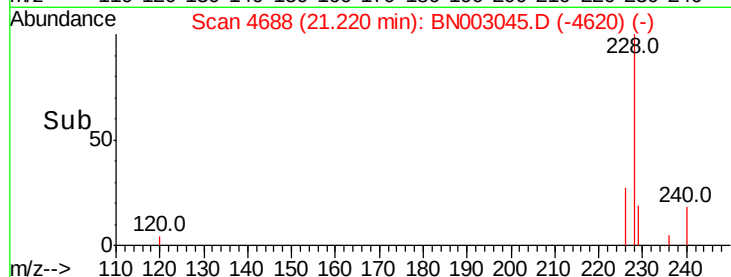
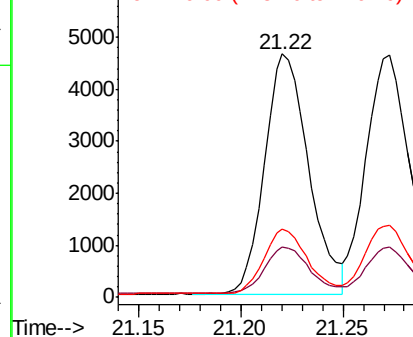
228 100

229 20.8 16.2 24.2

226 28.2 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: 0.439 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. 0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

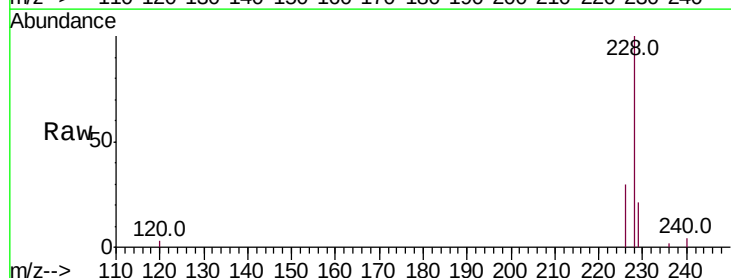
Tgt Ion:228 Resp: 7099

Ion Ratio Lower Upper

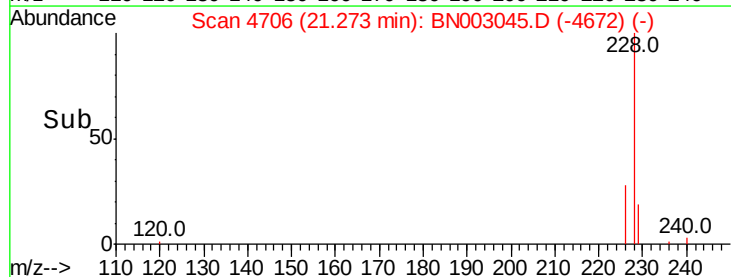
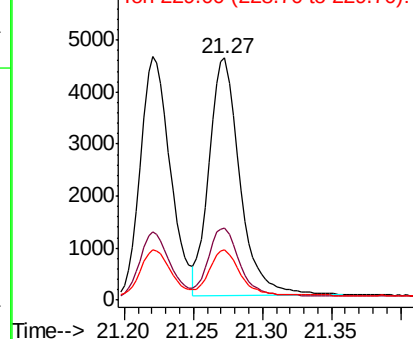
228 100

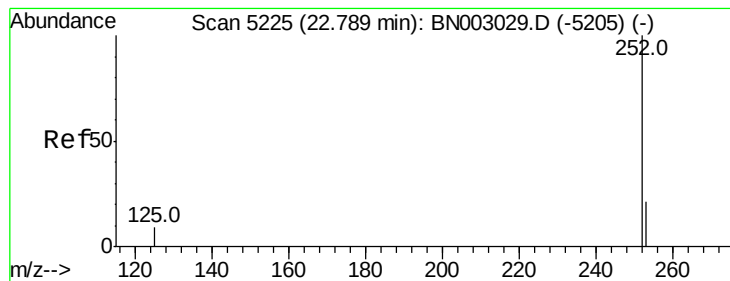
226 29.8 24.2 36.4

229 20.6 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: 0.390 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

Instrument :

BNA_N

ClientSampleId :

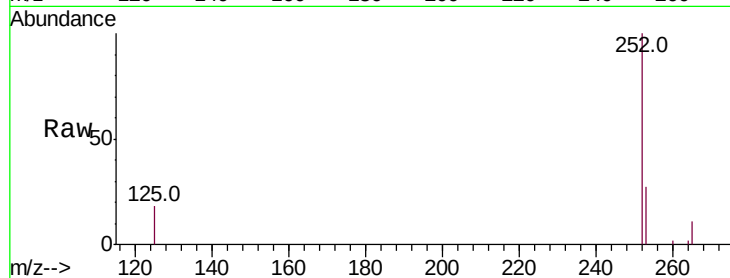
Tot Ion:252 Resp: 7174

Ion Ratio Lower Upper

252 100

253 26.5 0.0 53.2

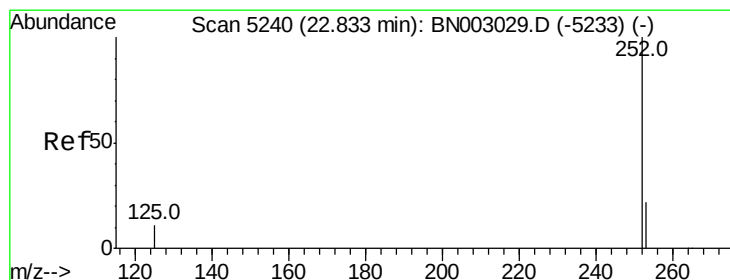
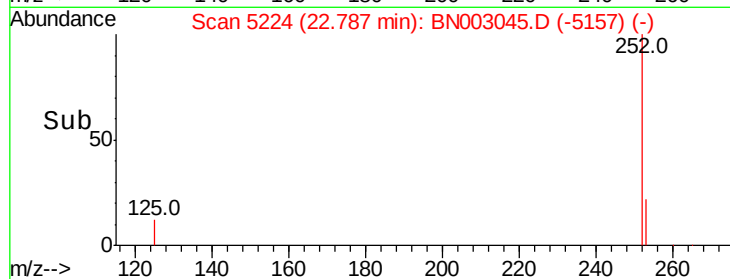
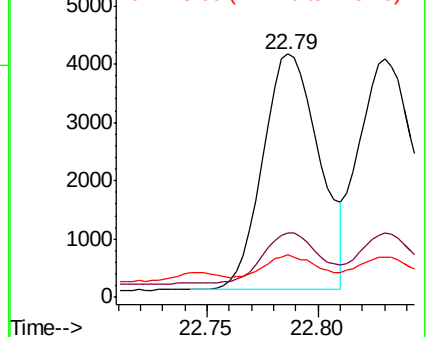
125 17.5 0.0 34.2



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: 0.396 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

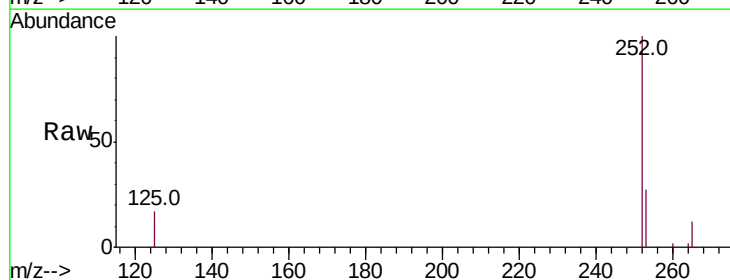
Tgt Ion:252 Resp: 7552

Ion Ratio Lower Upper

252 100

253 26.7 21.3 31.9

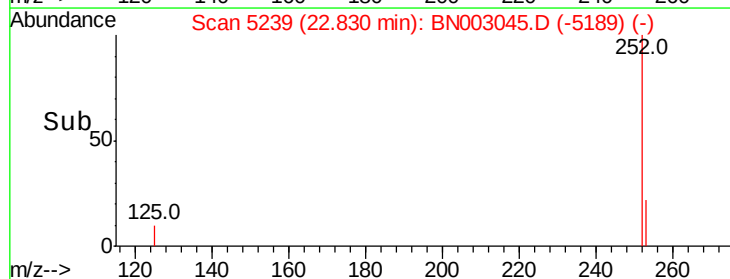
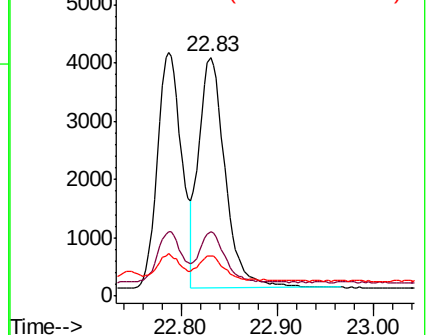
125 16.8 14.1 21.1

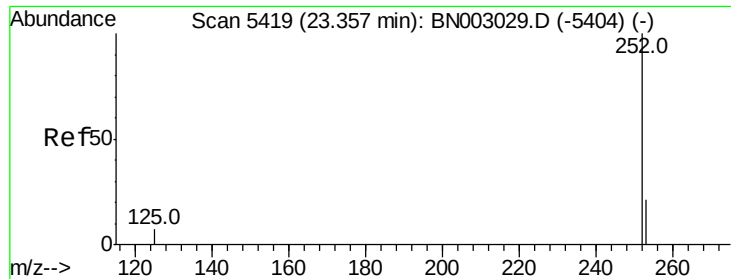


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.36 min Scan# 5419

Delta R.T. 0.00 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

Instrument :

BNA_N

ClientSampleId :

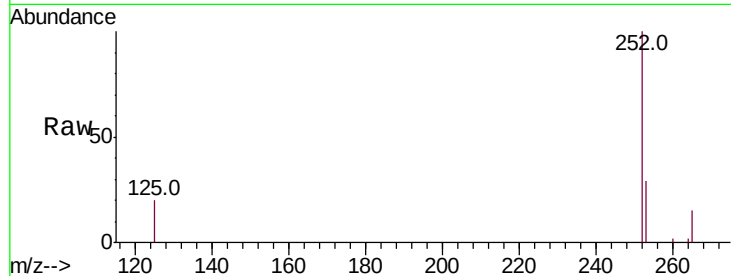
Tot Ion:252 Resp: 7099

Ion Ratio Lower Upper

252 100

253 28.5 23.1 34.7

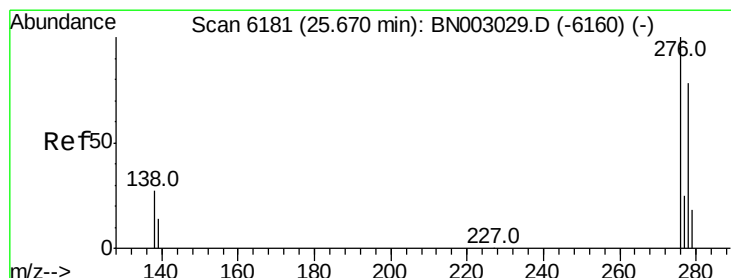
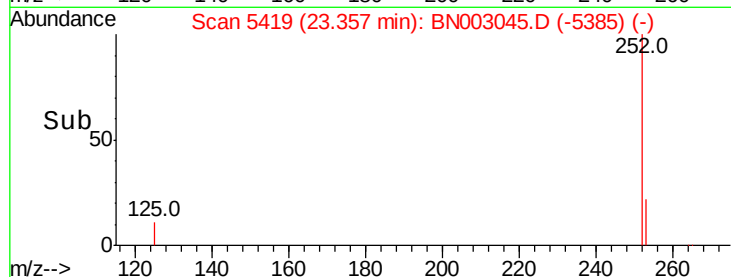
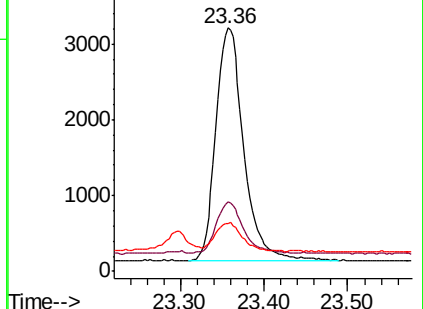
125 19.7 16.9 25.3



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: 0.469 ng/ul

RT: 25.66 min Scan# 6179

Delta R.T. -0.01 min

Lab File: BN003045.D

Acq: 10 Oct 2018 01:57

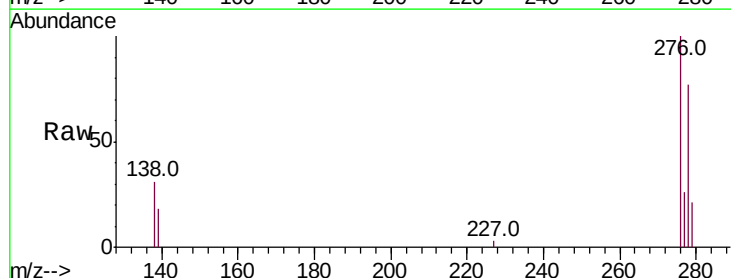
Tgt Ion:276 Resp: 8876

Ion Ratio Lower Upper

276 100

138 27.5 21.5 32.3

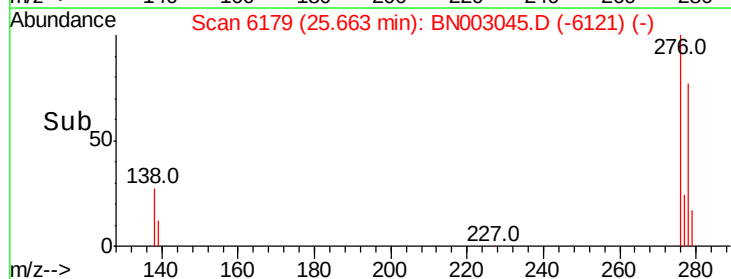
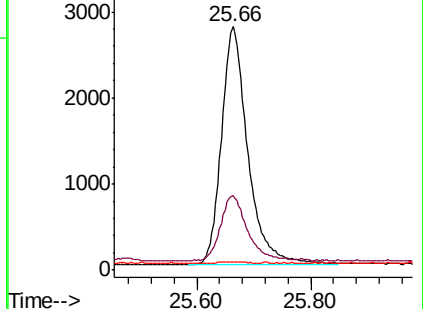
227 0.3 0.3 0.5#

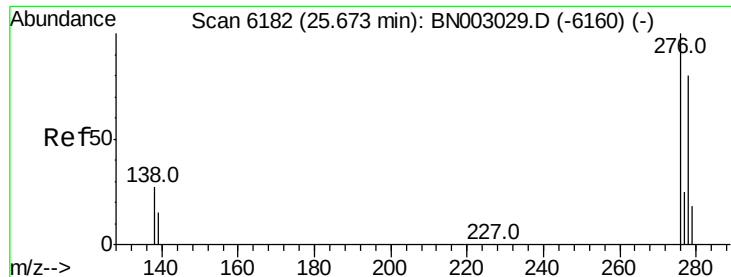


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



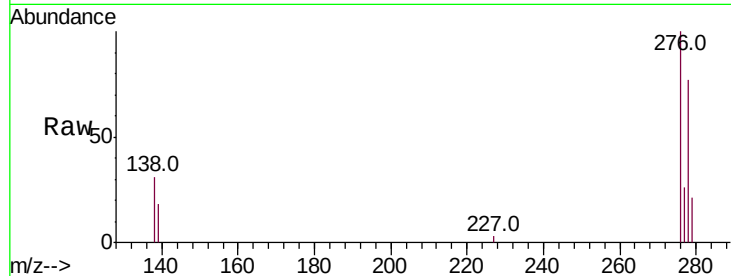


#25

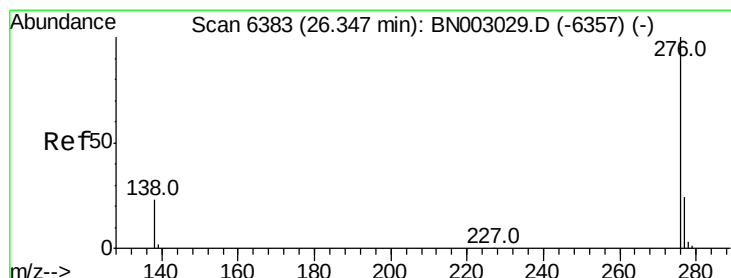
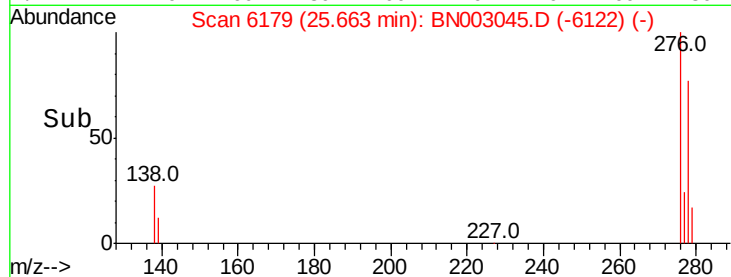
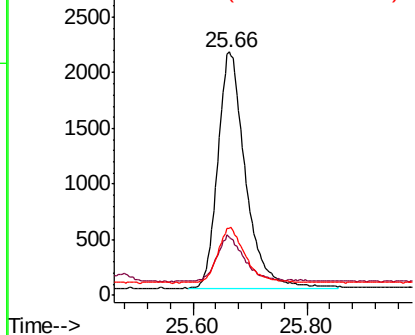
Dibenzo(a,h)anthracene
 Concen: 0.471 ng/ul
 RT: 25.66 min Scan# 6179
 Delta R.T. -0.01 min
 Lab File: BN003045.D
 Acq: 10 Oct 2018 01:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:278 Resp: 7143
 Ion Ratio Lower Upper
 278 100
 139 23.7 20.2 30.4
 279 27.2 23.8 35.8



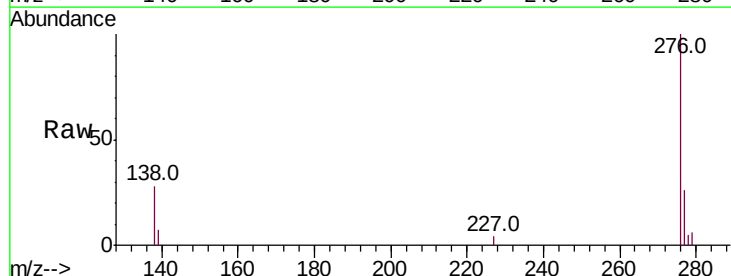
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
 Concen: 0.469 ng/ul
 RT: 26.34 min Scan# 6381
 Delta R.T. -0.01 min
 Lab File: BN003045.D
 Acq: 10 Oct 2018 01:57

Tgt Ion:276 Resp: 7487
 Ion Ratio Lower Upper
 276 100
 138 27.6 23.0 34.4
 277 25.7 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

