

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112818\
 Data File : BN003649.D
 Acq On : 28 Nov 2018 09:25
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 28 12:05:19 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 : Wed Nov 28 01:42:39 2018
 Response via : Initial Calibration

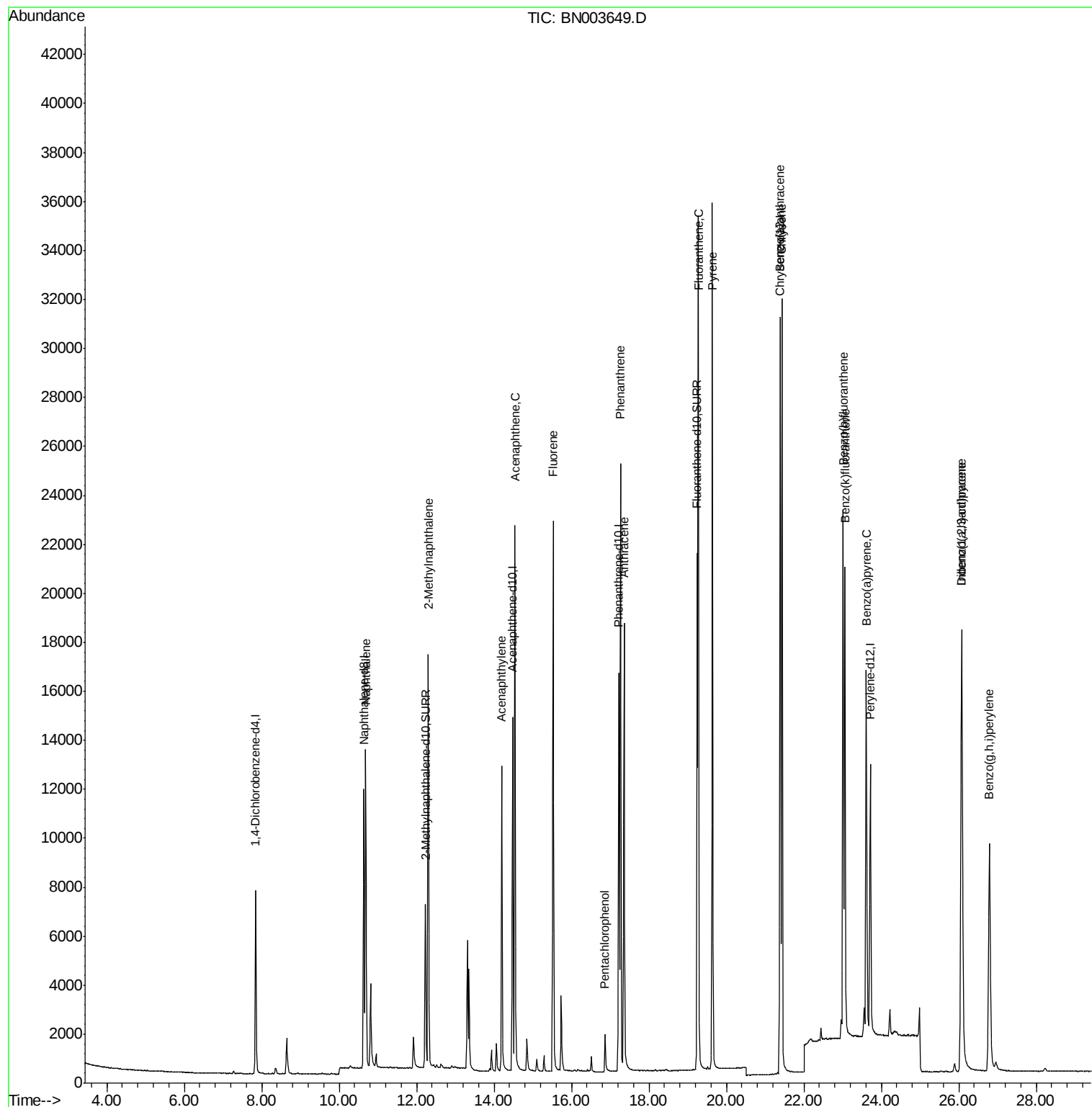
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	15775	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	8207	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	19416	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17860	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	15956	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	9422	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	22622	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	18064	0.408	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	12579	0.407	ng/ul	99
7) Acenaphthylene	14.20	152	15376	0.416	ng/ul	100
8) Acenaphthene	14.54	153	13491	0.417	ng/ul	99
9) Fluorene	15.52	166	15467	0.410	ng/ul	99
11) Pentachlorophenol	16.87	266	1284	0.367	ng/ul	98
12) Phenanthrene	17.26	178	26733	0.420	ng/ul	99
13) Anthracene	17.36	178	21456	0.410	ng/ul	99
15) Fluoranthene	19.28	202	31411	0.417	ng/ul	98
17) Pyrene	19.64	202	30237	0.472	ng/ul	98
18) Benzo(a)anthracene	21.38	228	23135	0.410	ng/ul	99
19) Chrysene	21.44	228	26968	0.418	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	27669	0.419	ng/ul	98
22) Benzo(k)fluoranthene	23.06	252	26189	0.407	ng/ul	98
23) Benzo(a)pyrene	23.61	252	23397	0.409	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.07	276	24848	0.379	ng/ul	97
25) Dibenzo(a,h)anthracene	26.08	278	18722	0.355	ng/ul	98
26) Benzo(g,h,i)perylene	26.79	276	22132	0.389	ng/ul	97

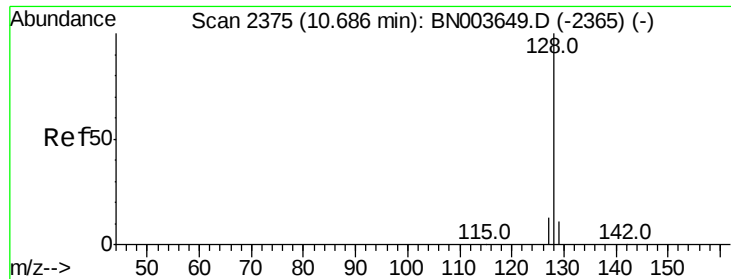
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN003649.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Nov 28 12:05:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 28 01:42:39 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.408 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Instrument :

BNA_N

ClientSampleId :

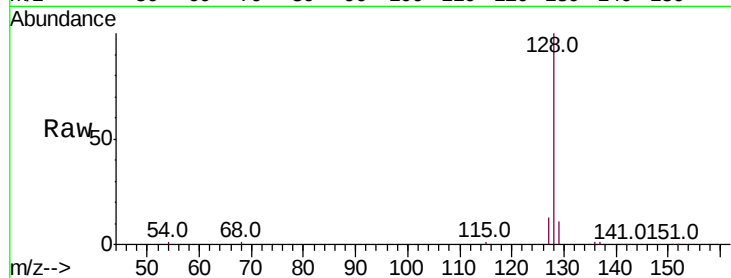
Tot Ion:128 Resp: 18064

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

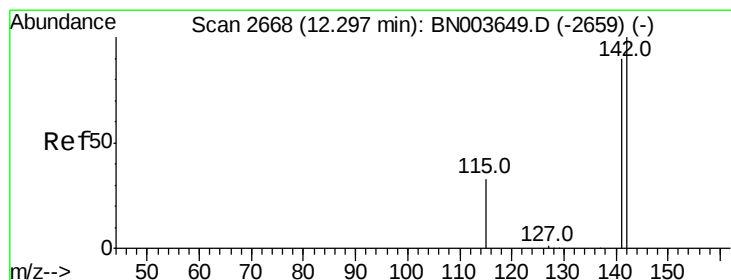
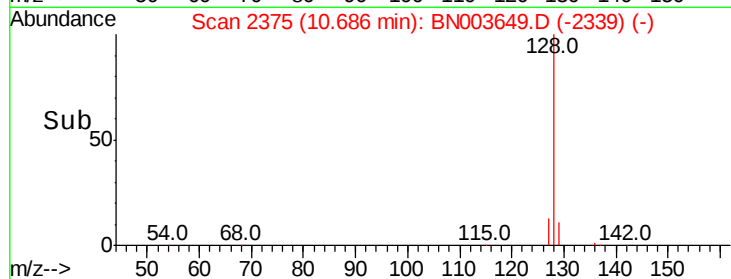
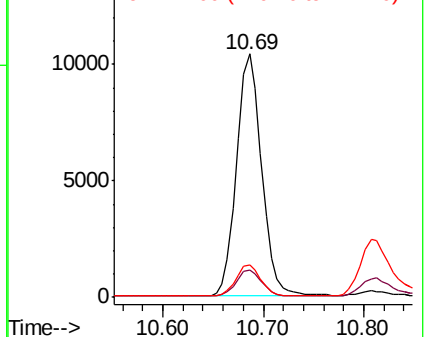
127 13.3 10.5 15.7



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: 0.407 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.00 min

Lab File: BN003649.D

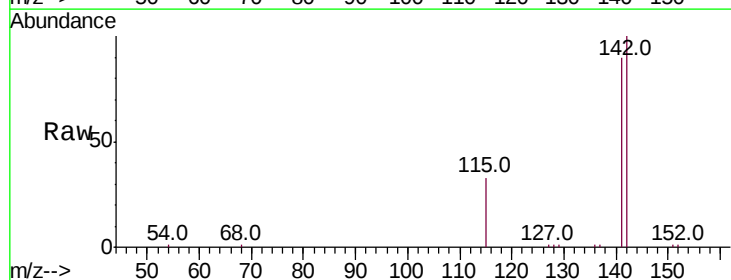
Acq: 28 Nov 2018 09:25

Tgt Ion:142 Resp: 12579

Ion Ratio Lower Upper

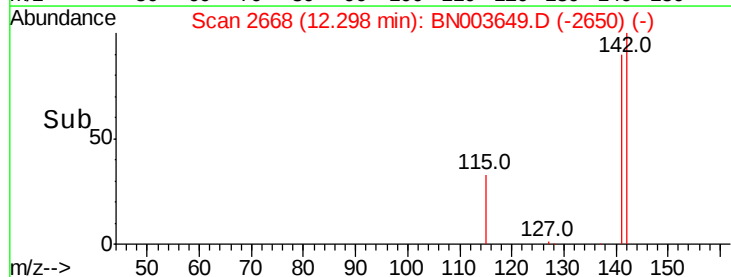
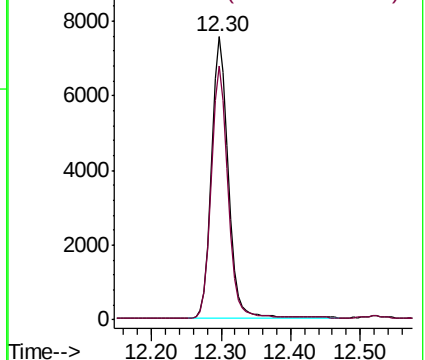
142 100

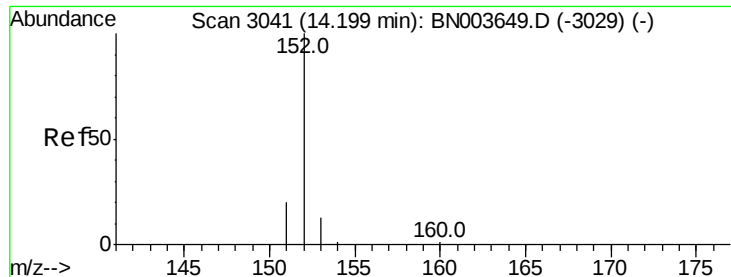
141 88.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.416 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Instrument :

BNA_N

ClientSampleId :

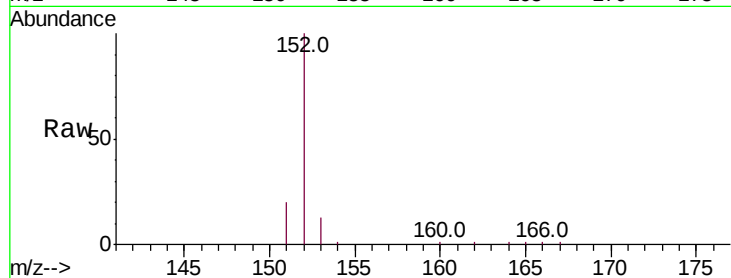
Tot Ion:152 Resp: 15376

Ion Ratio Lower Upper

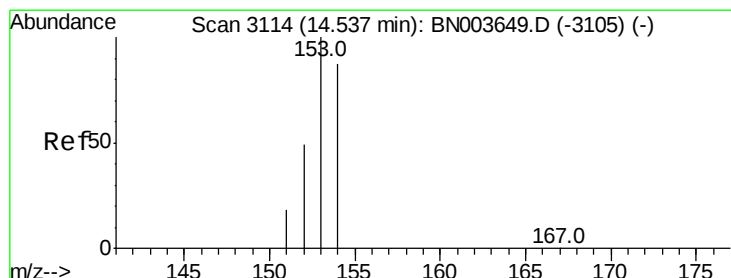
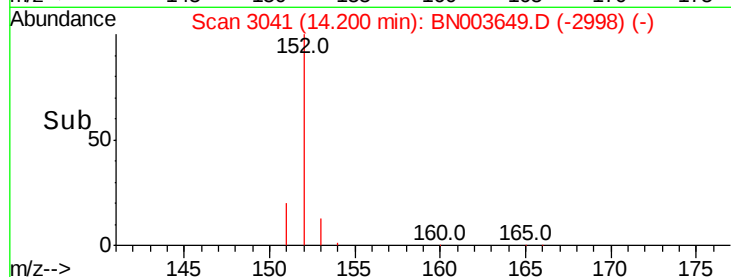
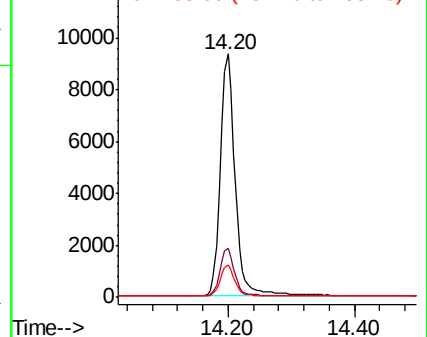
152 100

151 20.0 15.9 23.9

153 13.3 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: 0.417 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

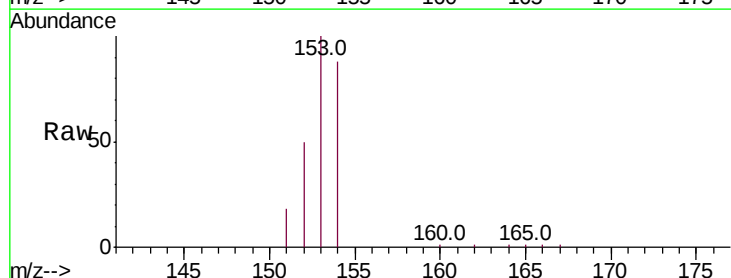
Tgt Ion:153 Resp: 13491

Ion Ratio Lower Upper

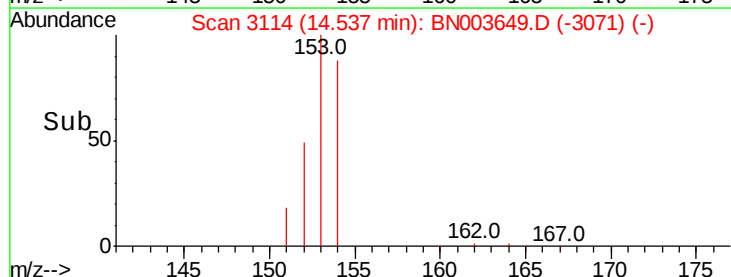
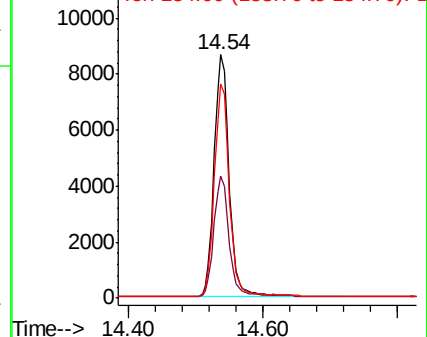
153 100

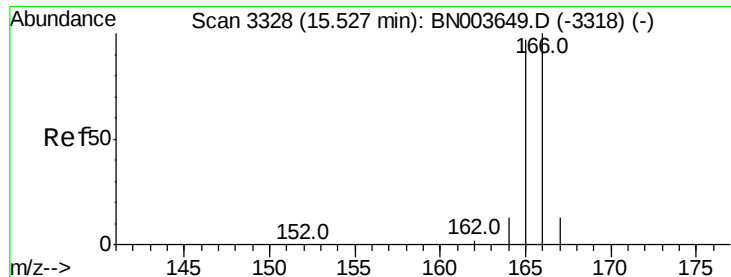
152 50.2 39.3 58.9

154 88.0 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: 0.410 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Instrument :

BNA_N

ClientSampleId :

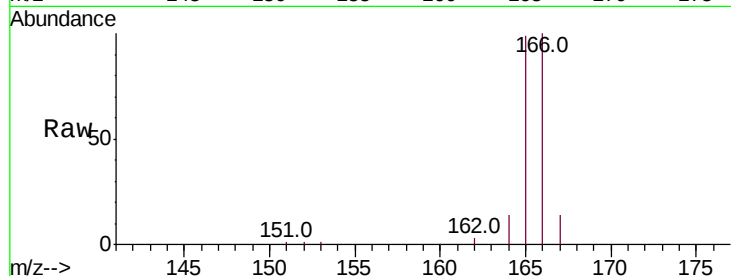
Tot Ion:166 Resp: 15467

Ion Ratio Lower Upper

166 100

165 99.1 78.3 117.5

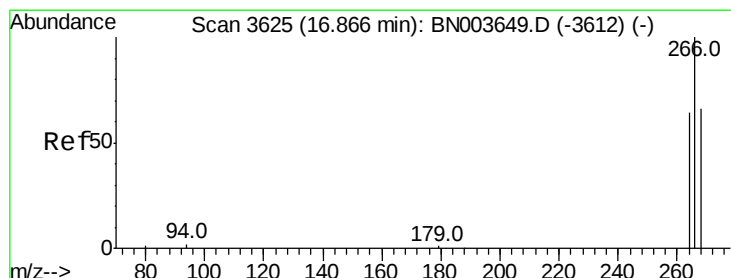
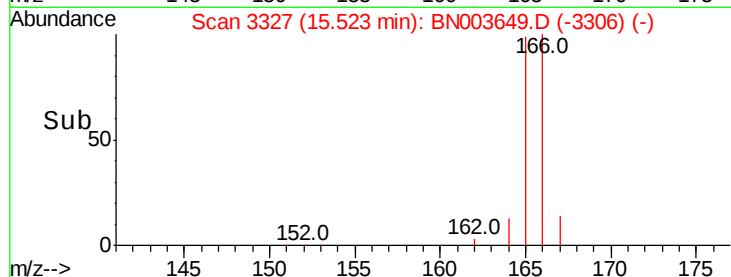
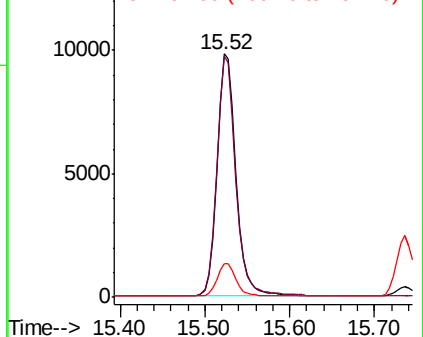
167 14.0 11.3 16.9



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: 0.367 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

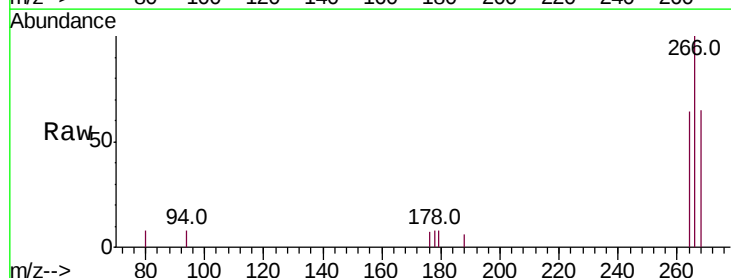
Tgt Ion:266 Resp: 1284

Ion Ratio Lower Upper

266 100

264 62.1 49.4 74.2

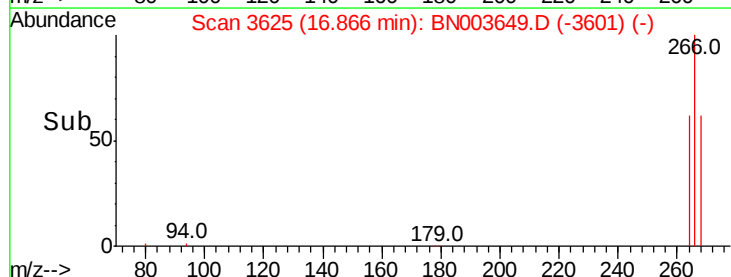
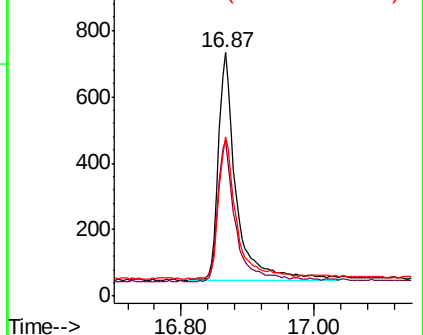
268 62.5 51.7 77.5

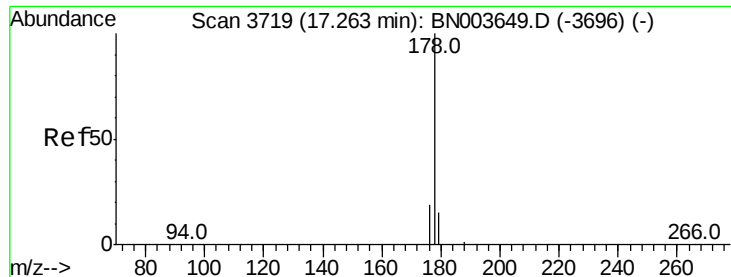


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.420 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

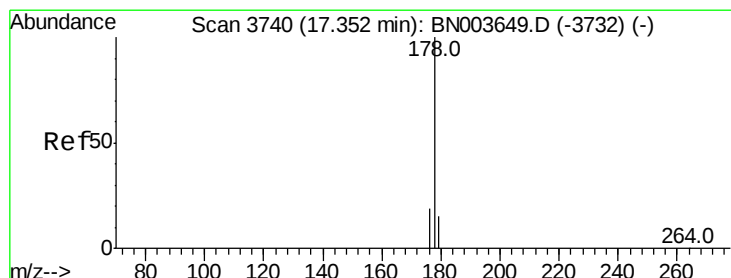
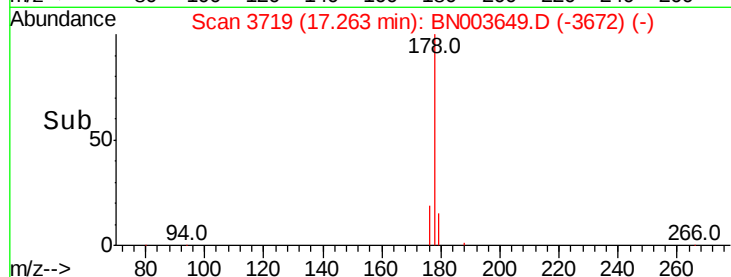
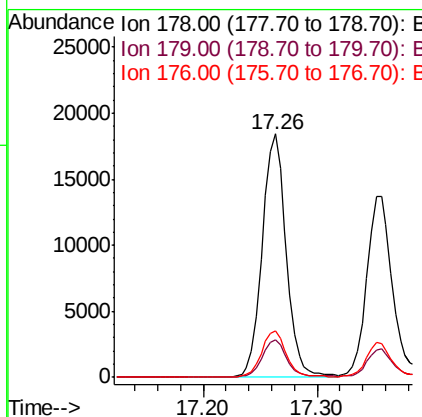
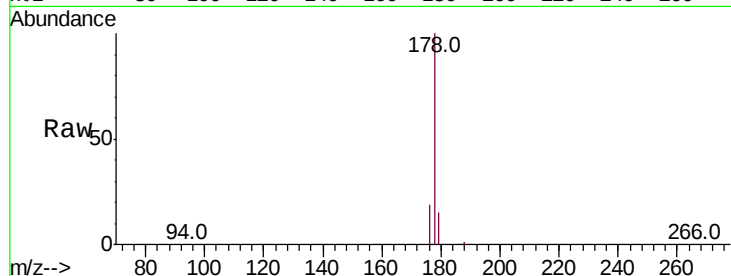
Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 26733

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.1	15.0	22.4



#13

Anthracene

Concen: 0.410 ng/ul

RT: 17.36 min Scan# 3741

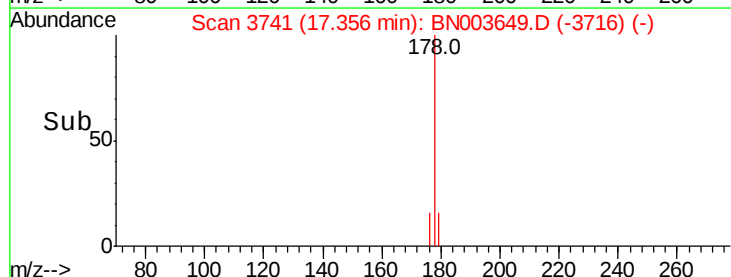
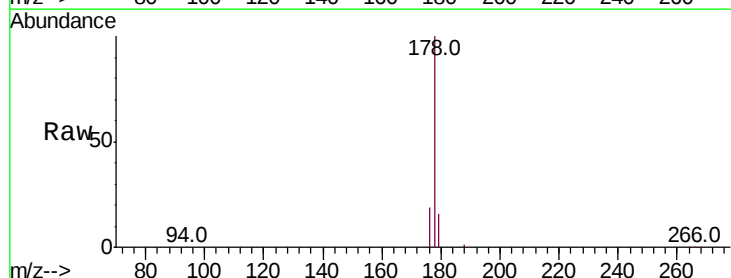
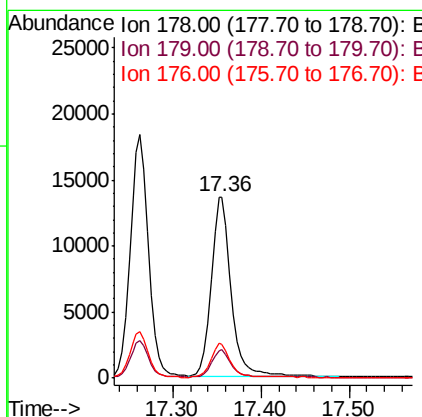
Delta R.T. 0.00 min

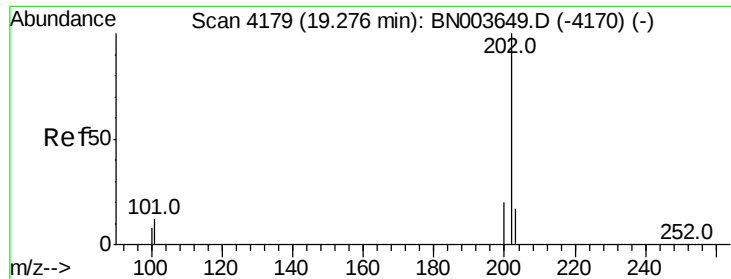
Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Tgt Ion:178 Resp: 21456

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.7	14.8	22.2

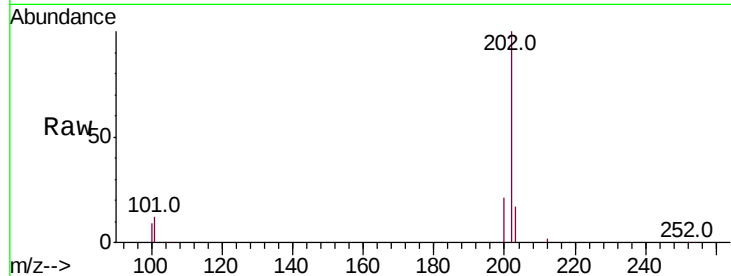




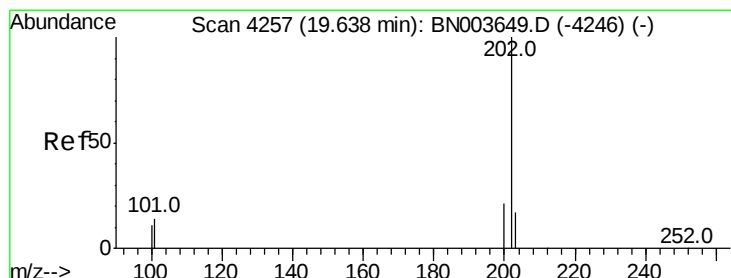
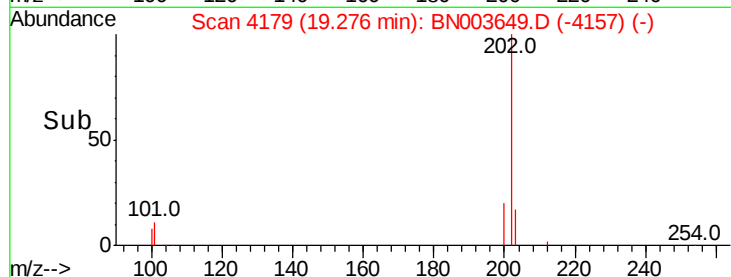
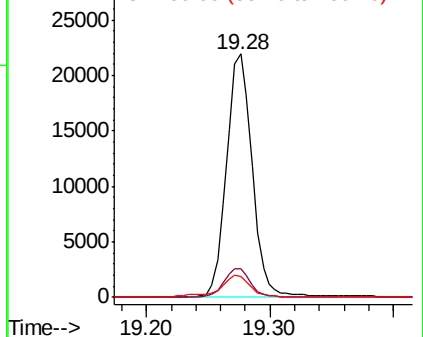
#15
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.28 min Scan# 4179
Delta R.T. 0.00 min
Lab File: BN003649.D
Acq: 28 Nov 2018 09:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 31411
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
100 8.5 0.0 28.1

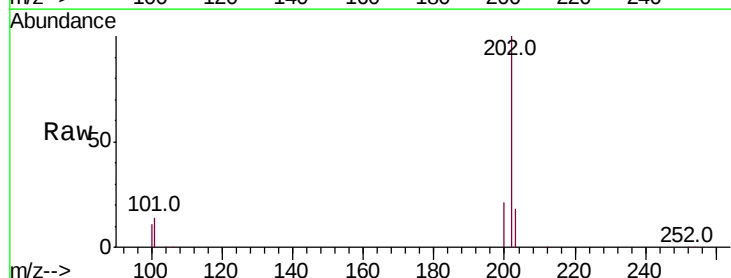


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

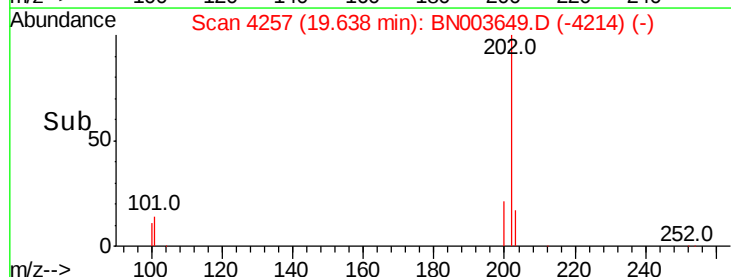
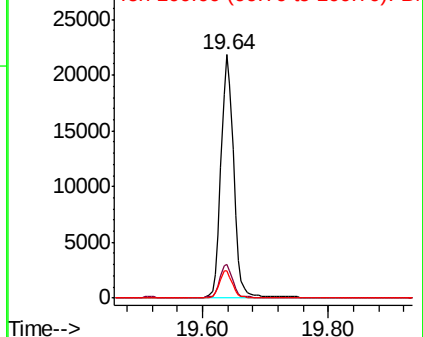


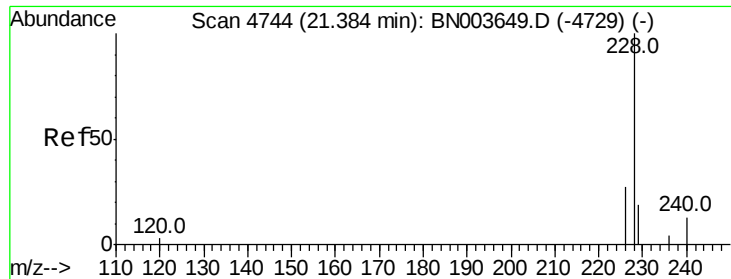
#17
Pyrene
Concen: 0.472 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003649.D
Acq: 28 Nov 2018 09:25

Tgt Ion:202 Resp: 30237
Ion Ratio Lower Upper
202 100
101 13.7 10.3 15.5
100 11.0 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

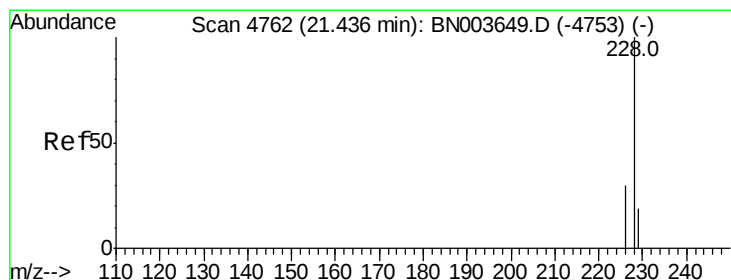
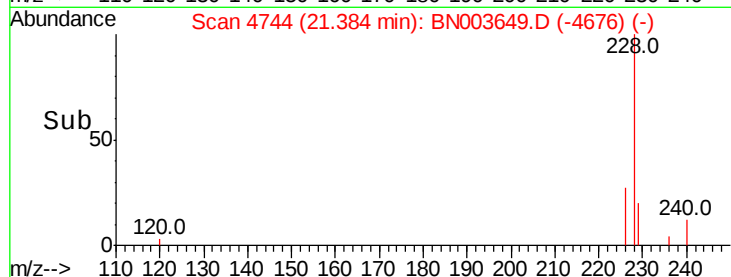
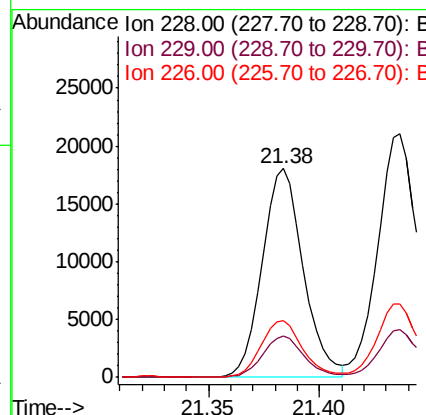
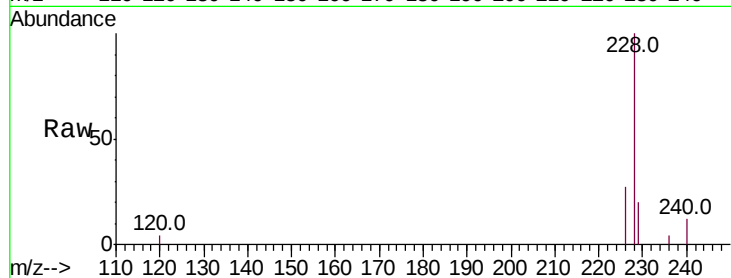




#18
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. 0.00 min
Lab File: BN003649.D
Acq: 28 Nov 2018 09:25

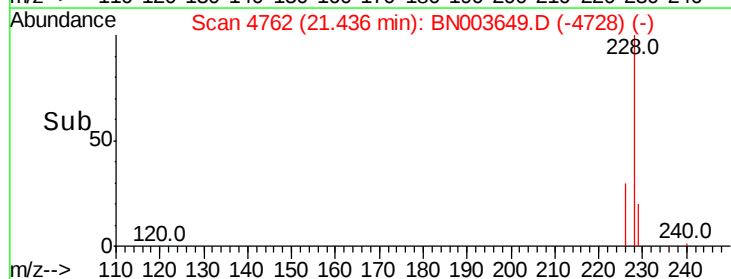
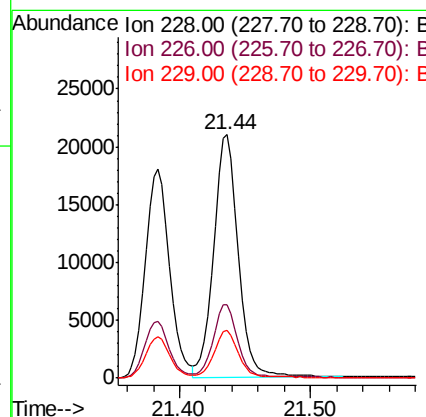
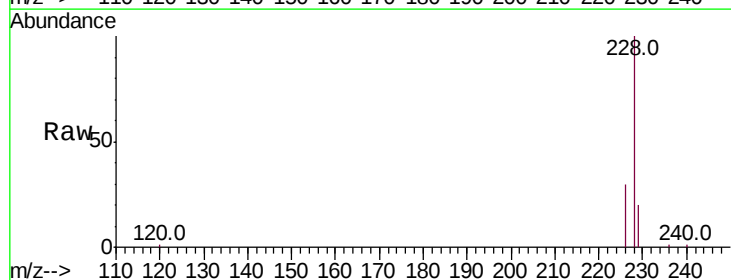
Instrument :
BNA_N
ClientSampleId :

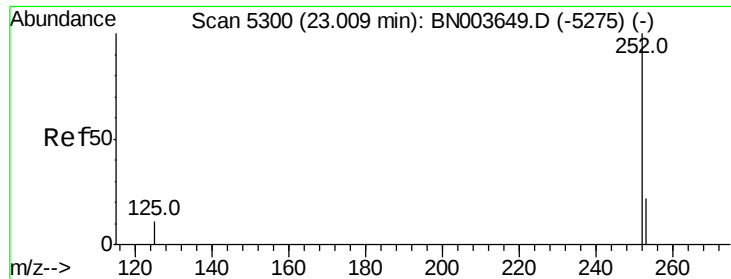
Tot Ion:228 Resp: 23135
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.2 21.1 31.7



#19
Chrysene
Concen: 0.418 ng/ul
RT: 21.44 min Scan# 4762
Delta R.T. 0.00 min
Lab File: BN003649.D
Acq: 28 Nov 2018 09:25

Tgt Ion:228 Resp: 26968
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.7 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.419 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Instrument :

BNA_N

ClientSampleId :

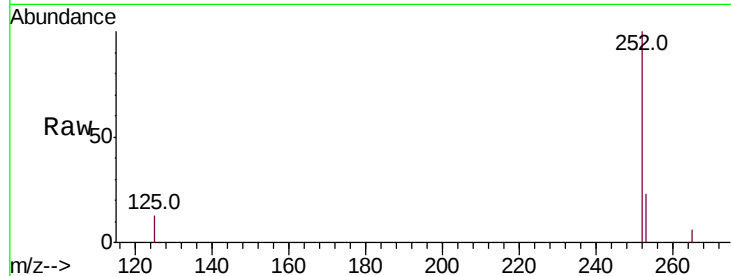
Tot Ion:252 Resp: 27669

Ion Ratio Lower Upper

252 100

253 23.4 0.0 46.0

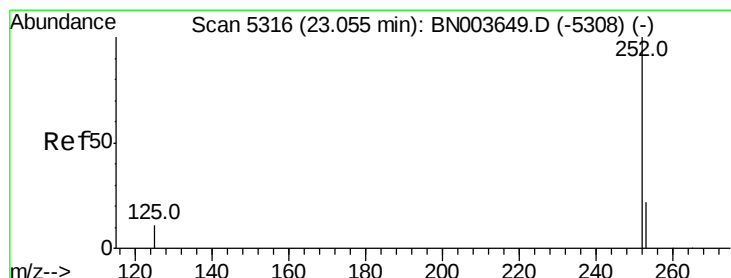
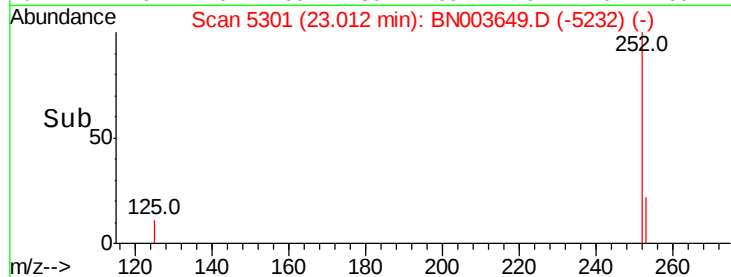
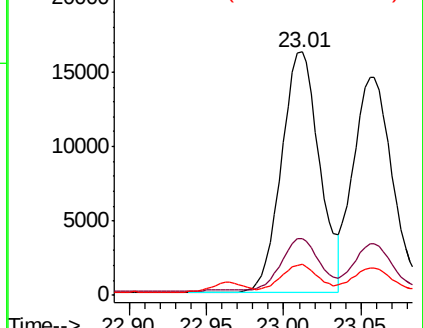
125 12.6 0.0 22.4



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: 0.407 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

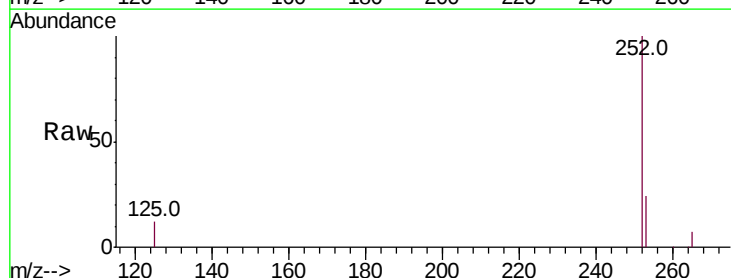
Tgt Ion:252 Resp: 26189

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

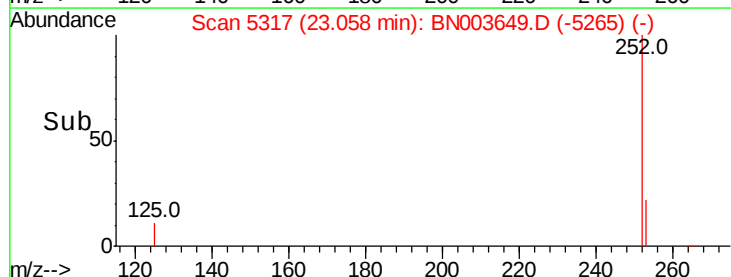
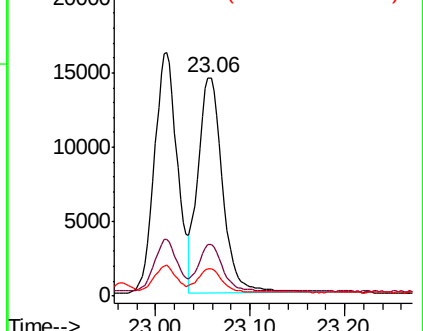
125 12.4 9.0 13.6

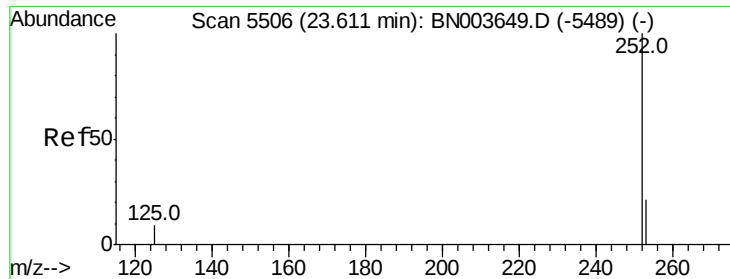


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.409 ng/u1

RT: 23.61 min Scan# 5506

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Instrument :

BNA_N

ClientSampleId :

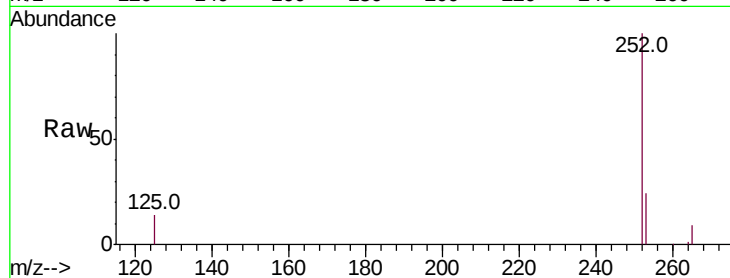
Tot Ion:252 Resp: 23397

Ion Ratio Lower Upper

252 100

253 24.4 19.0 28.4

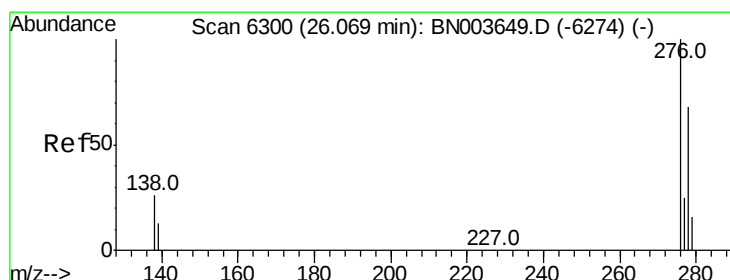
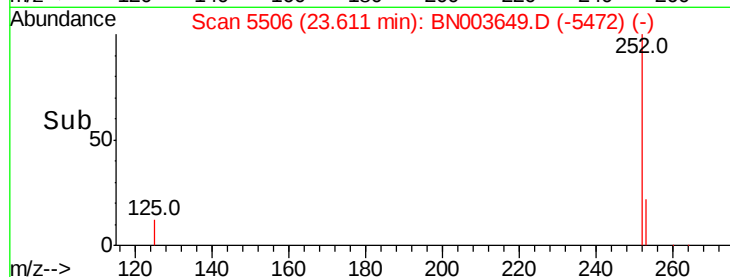
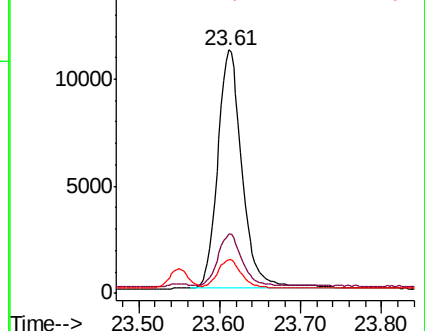
125 13.8 10.2 15.4



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: 0.379 ng/u1

RT: 26.07 min Scan# 6300

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

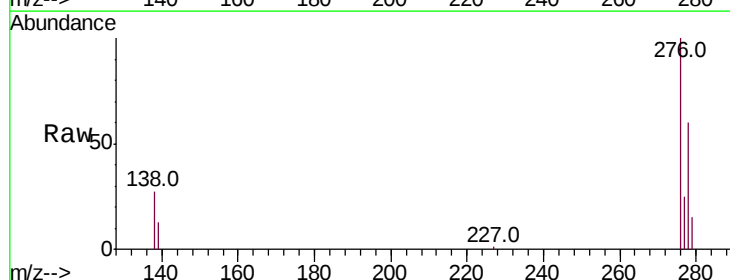
Tgt Ion:276 Resp: 24848

Ion Ratio Lower Upper

276 100

138 26.9 20.3 30.5

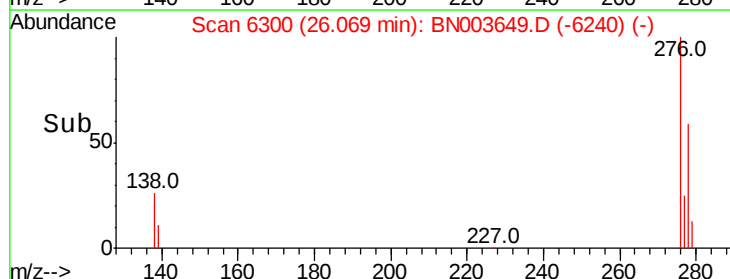
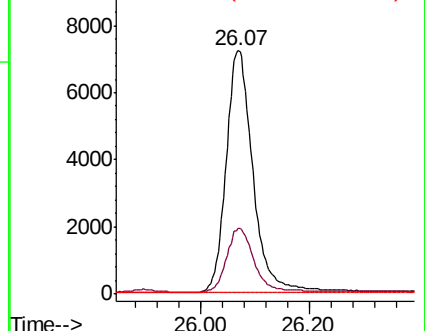
227 0.2 0.2 0.2

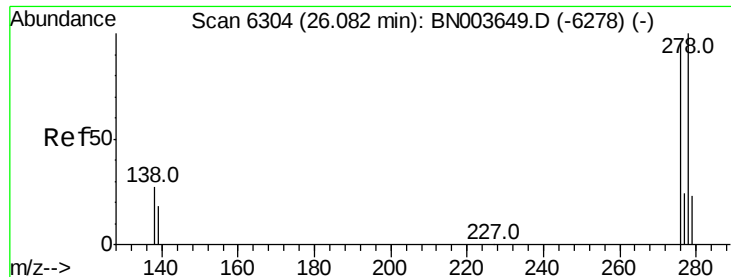


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.355 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

Instrument :

BNA_N

ClientSampleId :

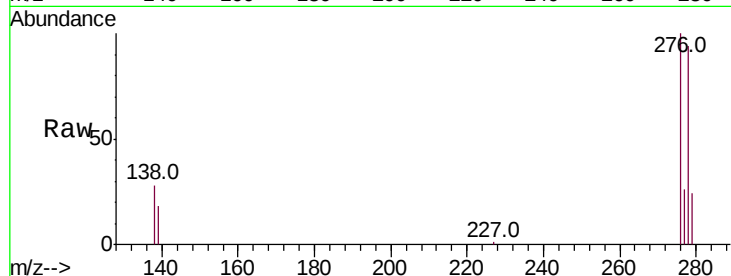
Tot Ion:278 Resp: 18722

Ion Ratio Lower Upper

278 100

139 19.2 14.2 21.4

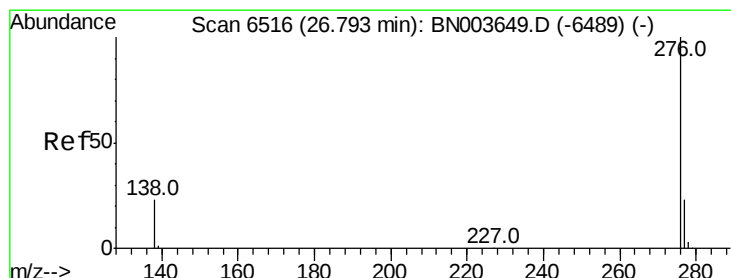
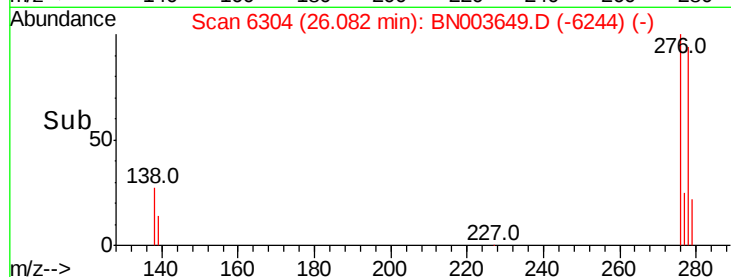
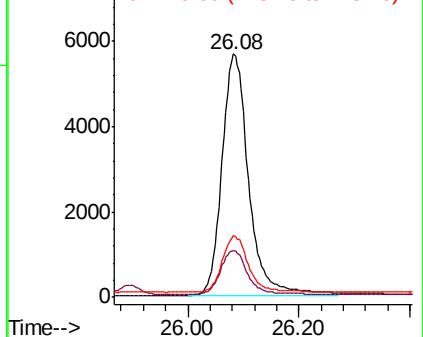
279 25.3 19.8 29.6



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: 0.389 ng/ul

RT: 26.79 min Scan# 6516

Delta R.T. 0.00 min

Lab File: BN003649.D

Acq: 28 Nov 2018 09:25

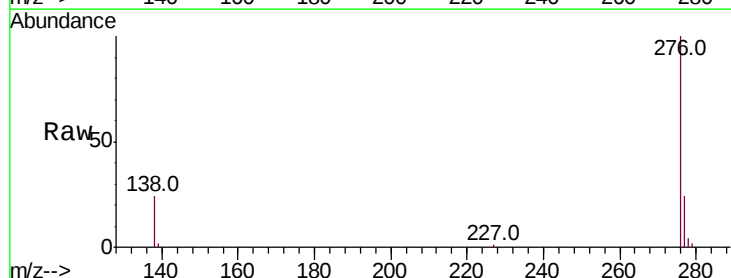
Tgt Ion:276 Resp: 22132

Ion Ratio Lower Upper

276 100

138 24.3 17.7 26.5

277 23.7 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

