

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
 Data File : BN005648.D
 Acq On : 13 May 2019 11:55
 Operator : JU/SJ
 Sample : K2606-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5120

Quant Time: May 13 12:28:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 12 00:36:09 2019
 Response via : Initial Calibration

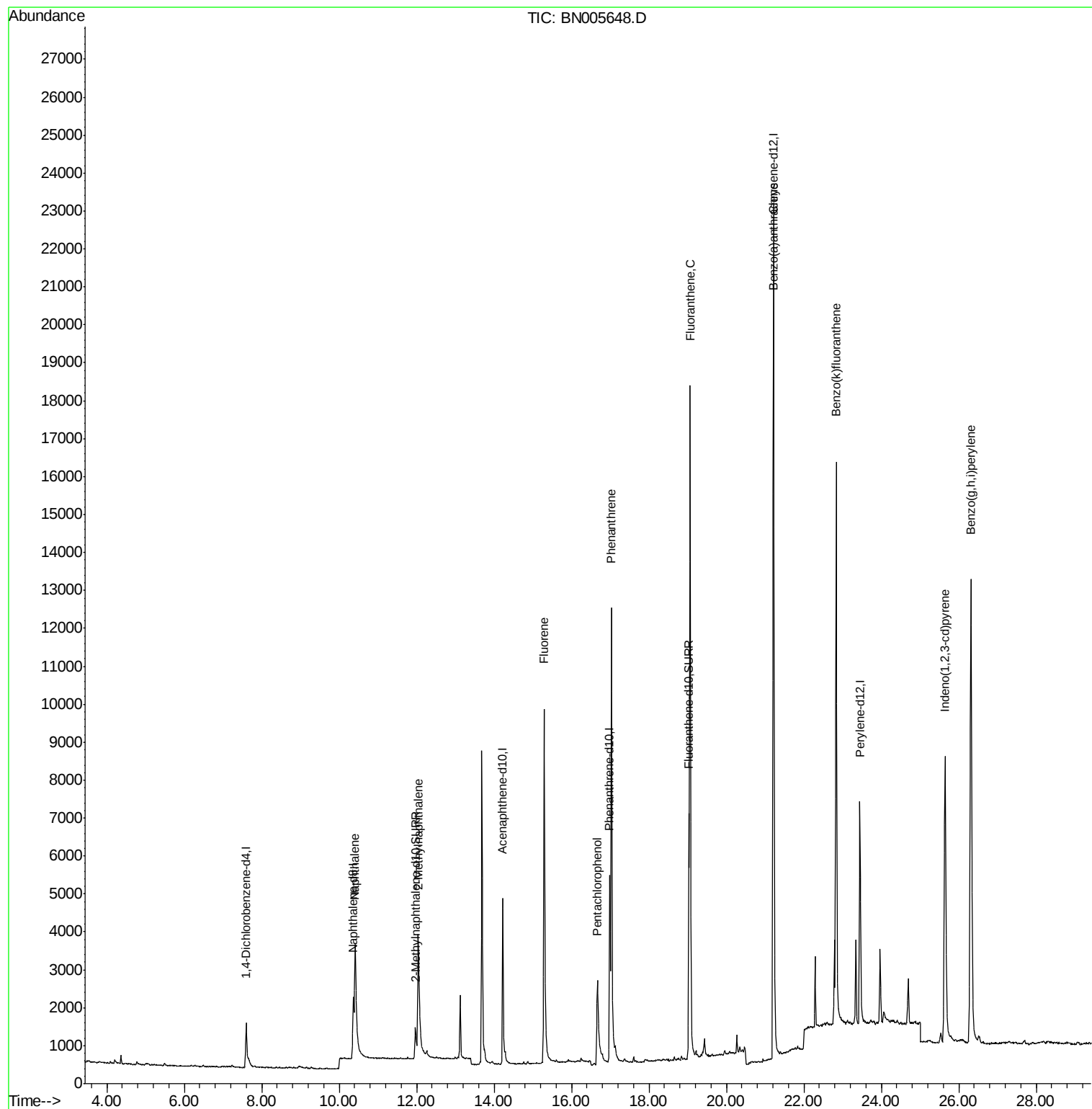
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1076	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	4318	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2992	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7868	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7969	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8657	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2305	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	8742	0.35	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	7103	0.622	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	4972	0.637	ng/ul	98
9) Fluorene	15.29	166	8818	0.708	ng/ul	99
11) Pentachlorophenol	16.66	266	3800	1.864	ng/ul	92
12) Phenanthrene	17.03	178	17262	0.805	ng/ul	99
15) Fluoranthene	19.06	202	18157	0.612	ng/ul	97
18) Benzo(a)anthracene	21.21	228	23186	0.844	ng/ul	100
22) Benzo(k)fluoranthene	22.83	252	21299	0.653	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.64	276	17001	0.523	ng/ul#	88
26) Benzo(g,h,i)perylene	26.32	276	27658	0.997	ng/ul	96

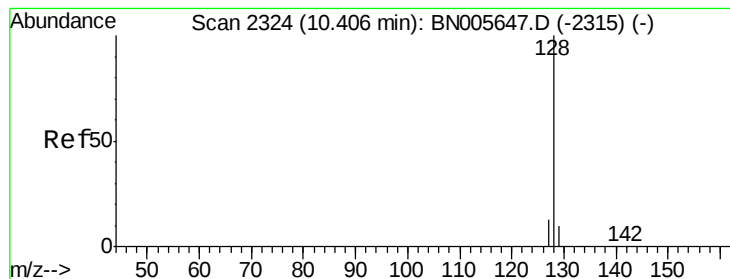
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.622 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BN005648.D

Acq: 13 May 2019 11:55

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ClientSampleId :

A5120

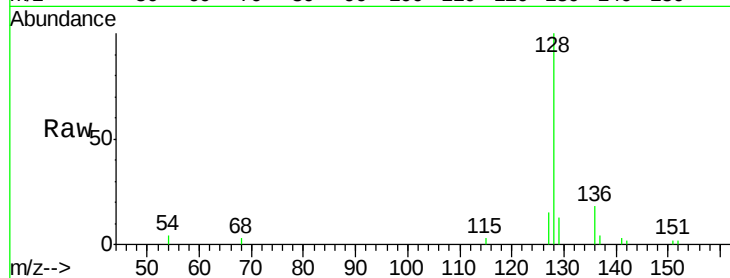
Tgt Ion:128 Resp: 7103

Ion Ratio Lower Upper

128 100

129 13.2 10.2 15.2

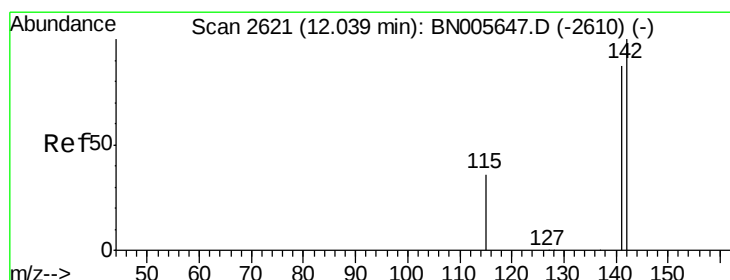
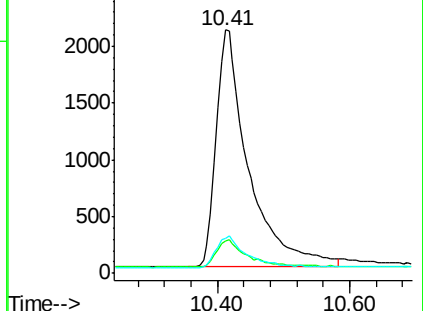
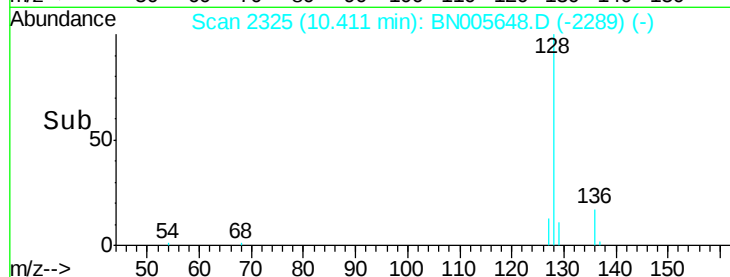
127 14.6 11.8 17.8



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: 0.637 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BN005648.D

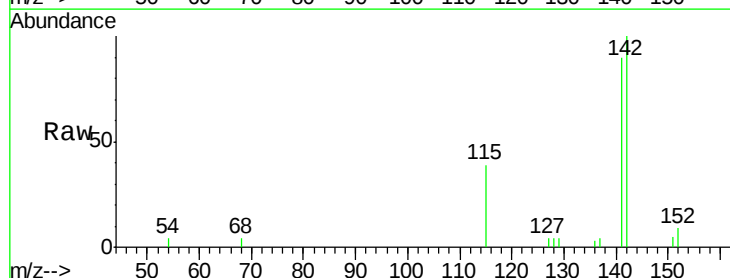
Acq: 13 May 2019 11:55

Tgt Ion:142 Resp: 4972

Ion Ratio Lower Upper

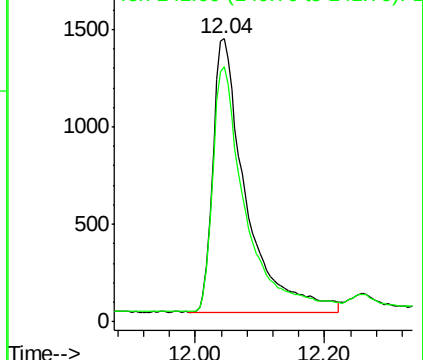
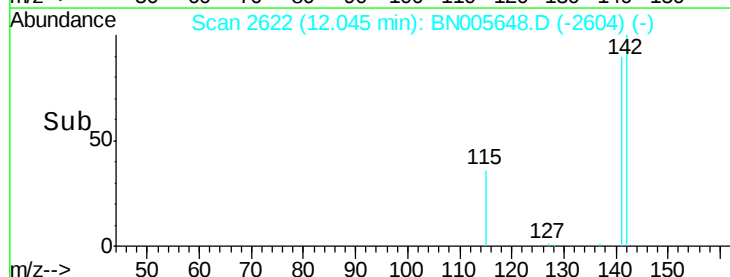
142 100

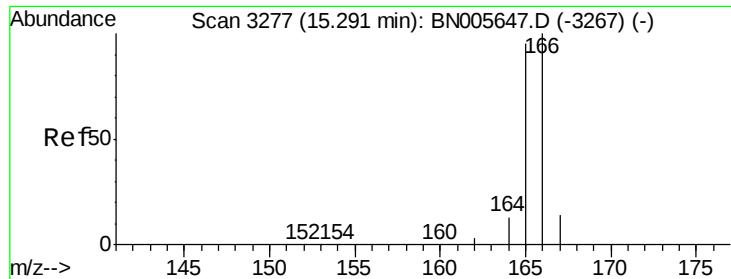
141 88.4 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.708 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN005648.D

Acq: 13 May 2019 11:55

Instrument :

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ClientSampleId :

A5120

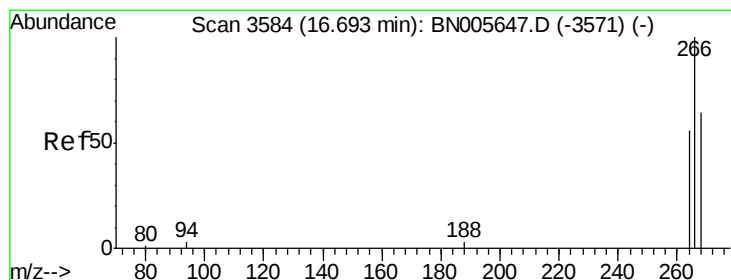
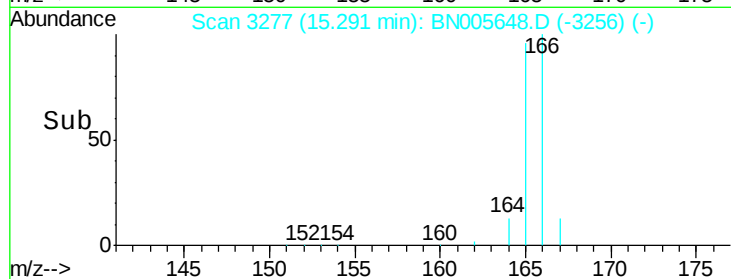
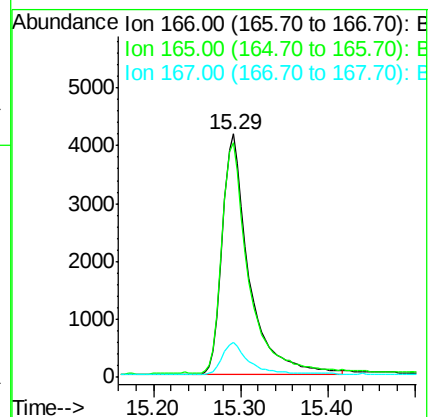
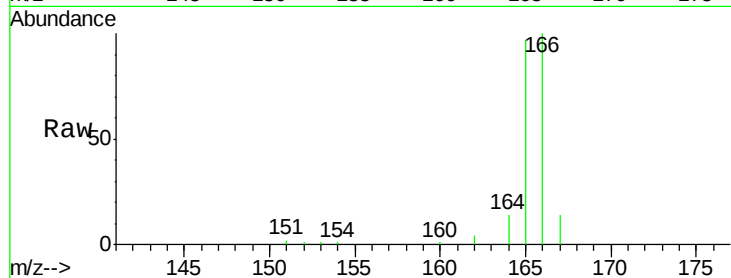
Tgt Ion:166 Resp: 8818

Ion Ratio Lower Upper

166 100

165 96.6 78.0 117.0

167 14.2 12.2 18.4



#11

Pentachlorophenol

Concen: 1.864 ng/ul

RT: 16.66 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BN005648.D

Acq: 13 May 2019 11:55

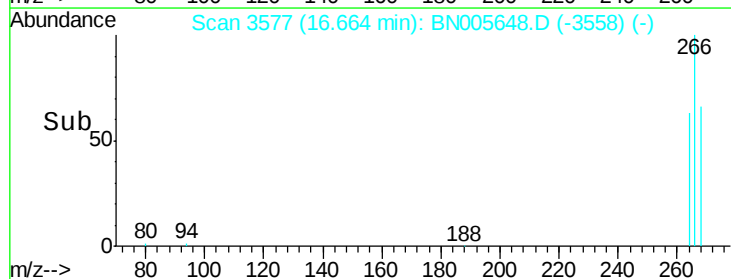
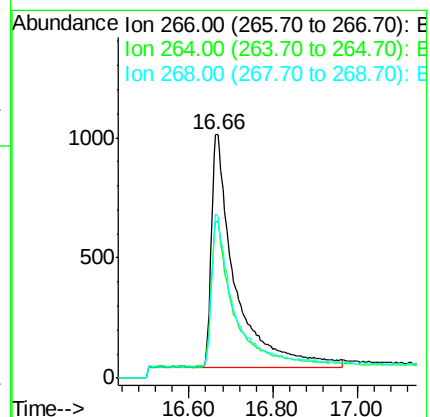
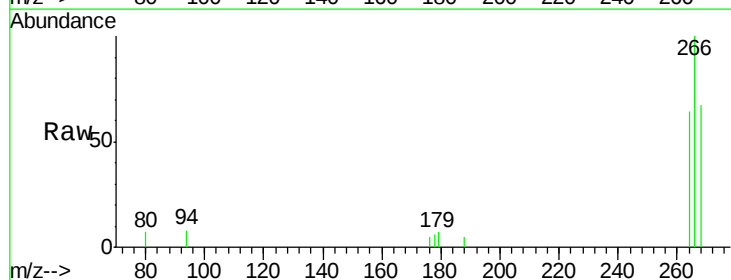
Tgt Ion:266 Resp: 3800

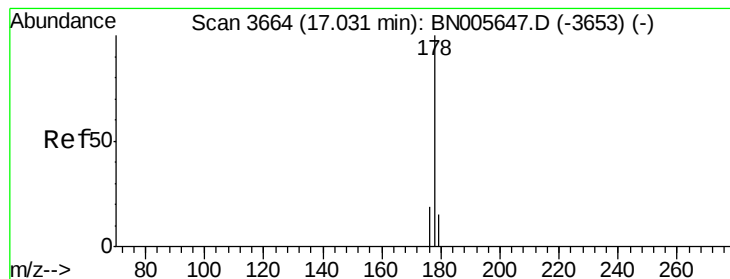
Ion Ratio Lower Upper

266 100

264 62.7 55.3 82.9

268 64.4 56.7 85.1





#12

Phenanthrene

Concen: 0.805 ng/ul

RT: 17.03 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BN005648.D

Acq: 13 May 2019 11:55

Instrument :

BNA_N

ClientSampleId :

A5120

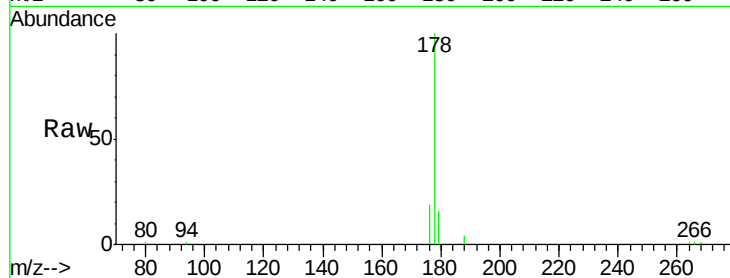
Tgt Ion:178 Resp: 17262

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

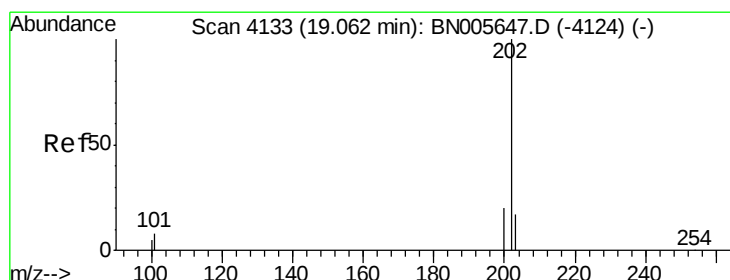
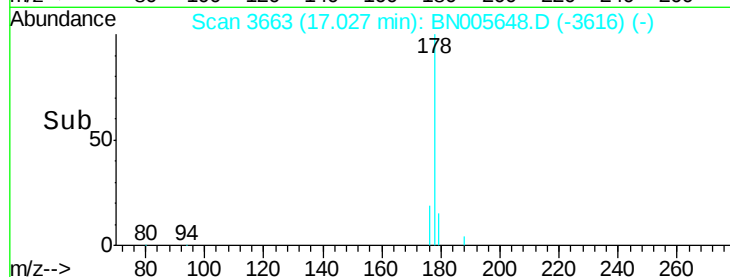
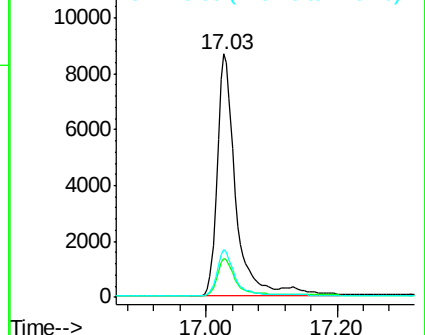
176 19.4 15.3 22.9



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: 0.612 ng/ul

RT: 19.06 min Scan# 4133

Delta R.T. 0.00 min

Lab File: BN005648.D

Acq: 13 May 2019 11:55

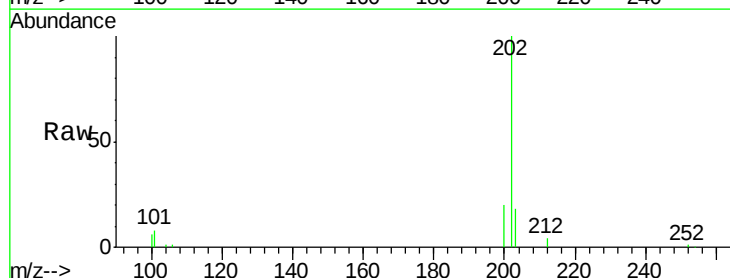
Tgt Ion:202 Resp: 18157

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.4

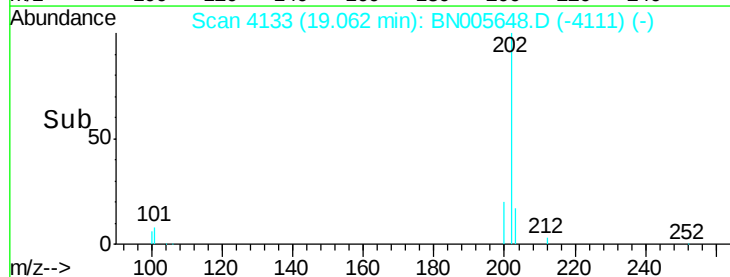
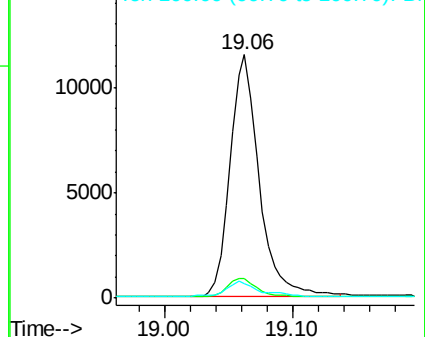
100 6.1 0.0 27.1

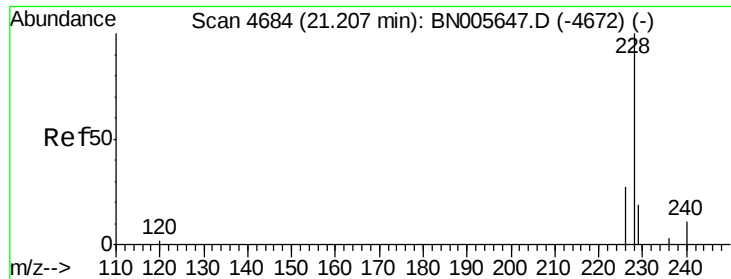


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.844 ng/ul

RT: 21.21 min Scan# 4685

Delta R.T. 0.01 min

Lab File: BN005648.D

Acq: 13 May 2019 11:55

Instrument :

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ClientSampleId :

A5120

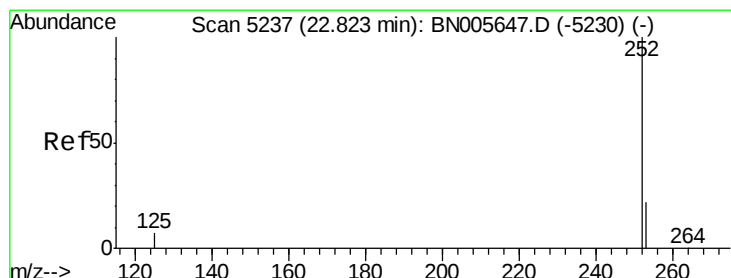
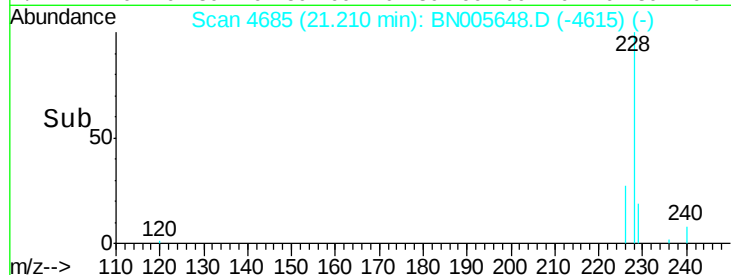
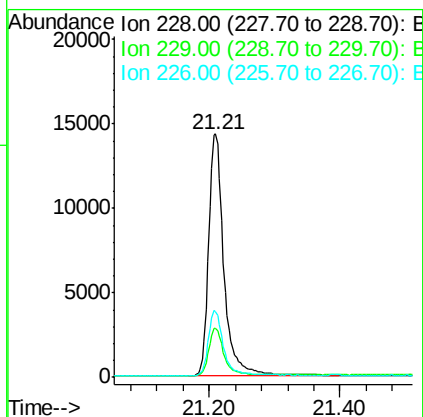
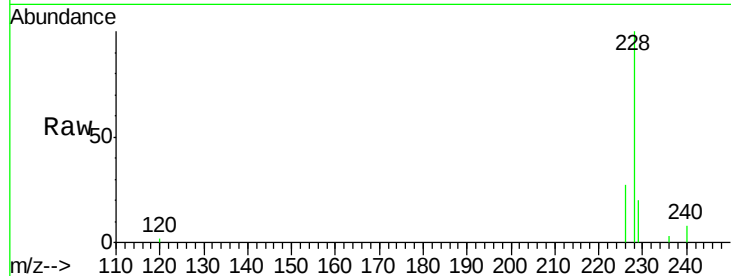
Tgt Ion:228 Resp: 23186

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 27.1 21.7 32.5



#22

Benzo(k)fluoranthene

Concen: 0.653 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. 0.01 min

Lab File: BN005648.D

Acq: 13 May 2019 11:55

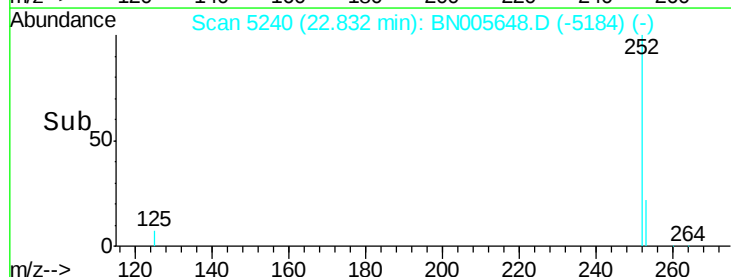
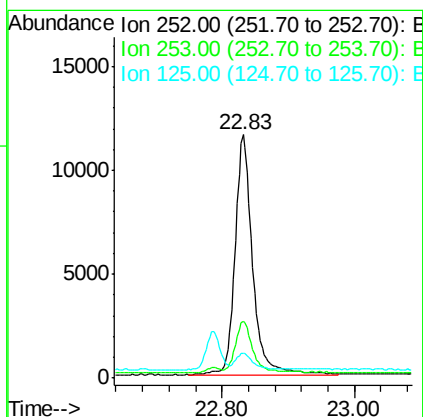
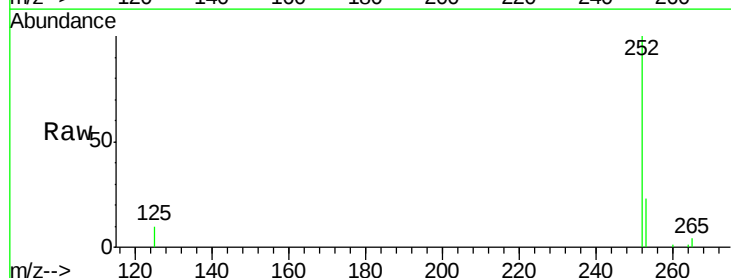
Tgt Ion:252 Resp: 21299

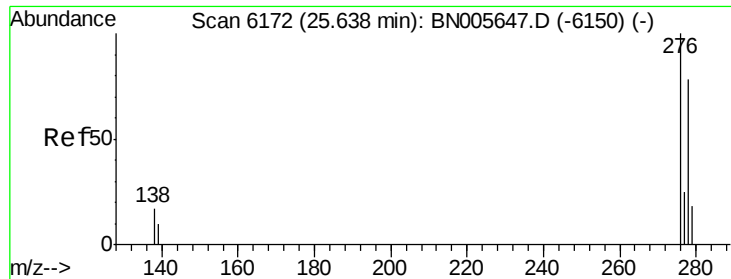
Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

125 10.3 7.6 11.4



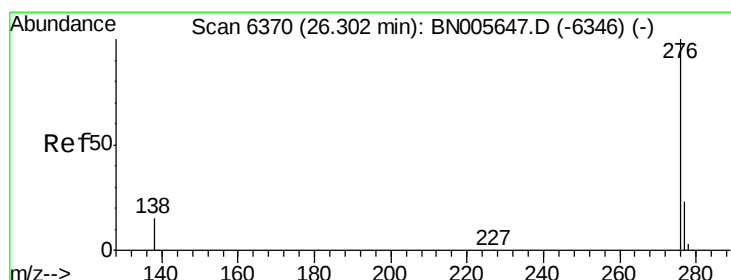
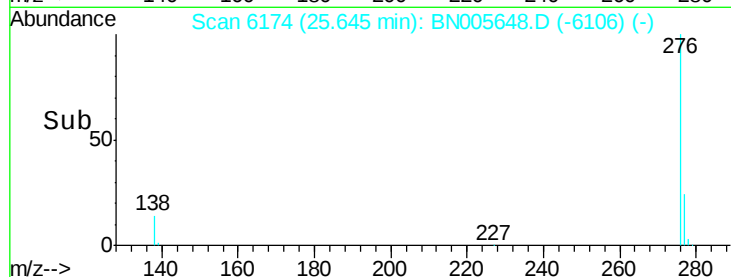
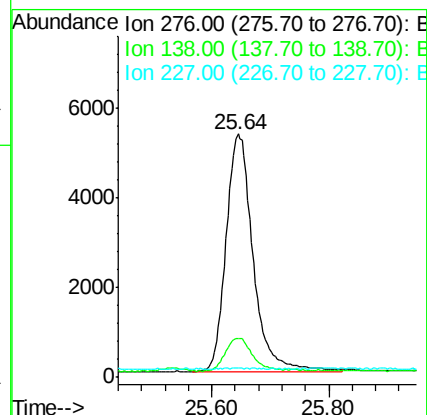
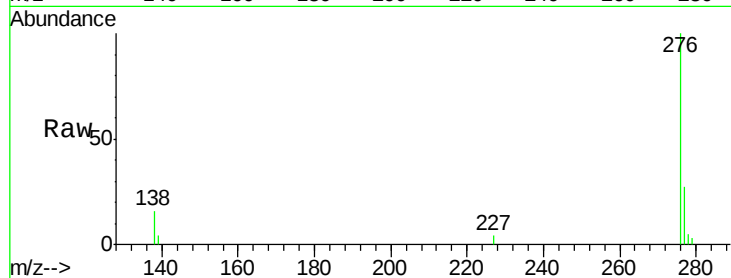


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng/ul
RT: 25.64 min Scan# 6174
Delta R.T. 0.03 min
Lab File: BN005648.D
Acq: 13 May 2019 11:55

Instrument :
BNA_N
ClientSampleId :
A5120

Tgt Ion: 276 Resp: 17001
Ion Ratio Lower Upper
276 100
138 14.3 15.8 23.8#
227 0.1 0.1 0.1



#26

Benzo(g,h,i)perylene
Concen: 0.997 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. 0.03 min
Lab File: BN005648.D
Acq: 13 May 2019 11:55

Tgt Ion: 276 Resp: 27658
Ion Ratio Lower Upper
276 100
138 16.5 15.6 23.4
277 25.0 20.6 31.0

