

Data File : BN003989.D
Acq On : 16 Dec 2018 11:39
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP70

Quant Time: Dec 17 04:02:21 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 : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

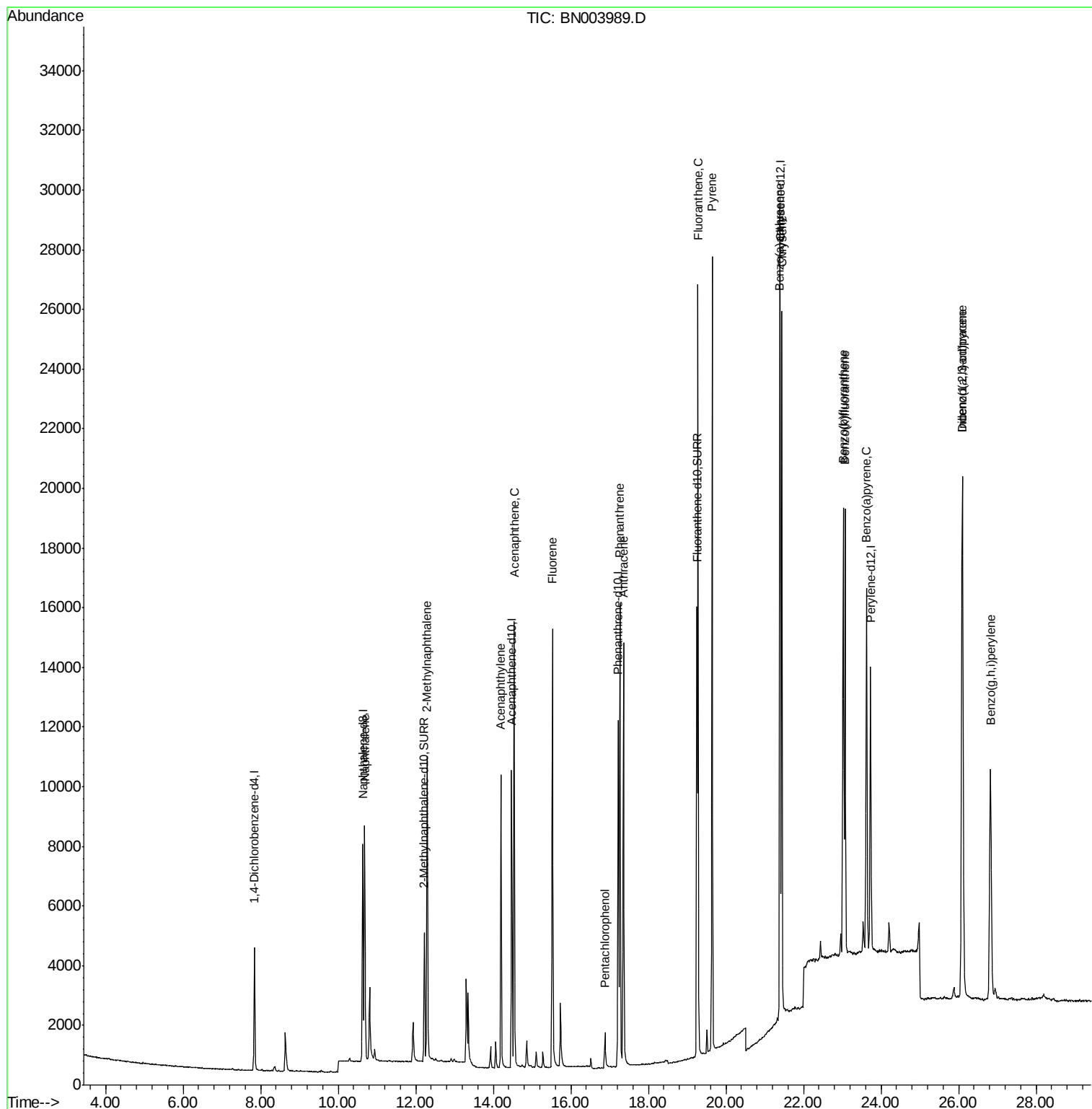
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2159	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	10369	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5769	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14088	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15238	0.40	ng/ul	0.01
20) Perylene-d12	23.73	264	13246	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6057	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	16664	0.40	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	11080	0.380	ng/ul	98
5) 2-Methylnaphthalene	12.30	142	7916	0.389	ng/ul	99
7) Acenaphthylene	14.20	152	11808	0.455	ng/ul	100
8) Acenaphthene	14.54	153	8728	0.383	ng/ul	100
9) Fluorene	15.52	166	9891	0.373	ng/ul	98
11) Pentachlorophenol	16.88	266	1139	0.449	ng/ul	93
12) Phenanthrene	17.26	178	16882	0.365	ng/ul	99
13) Anthracene	17.36	178	16619	0.437	ng/ul	99
15) Fluoranthene	19.28	202	21908	0.401	ng/ul	98
17) Pyrene	19.64	202	22582	0.413	ng/ul	97
18) Benzo(a)anthracene	21.39	228	21009	0.437	ng/ul	96
19) Chrysene	21.44	228	20051	0.364	ng/ul	96
21) Benzo(b)fluoranthene	23.02	252	19083	0.348	ng/ul	90
22) Benzo(k)fluoranthene	23.07	252	19025	0.356	ng/ul#	90
23) Benzo(a)pyrene	23.63	252	17828	0.376	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.09	276	20355	0.374	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.10	278	16471	0.376	ng/ul#	88
26) Benzo(g,h,i)perylene	26.82	276	16880	0.357	ng/ul#	89

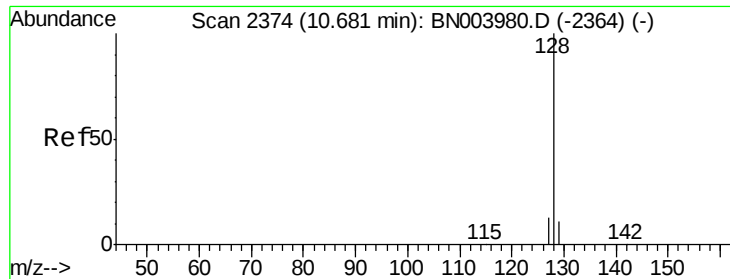
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.380 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

Instrument :

BNA_N

ClientSampleId :

DFTPP70

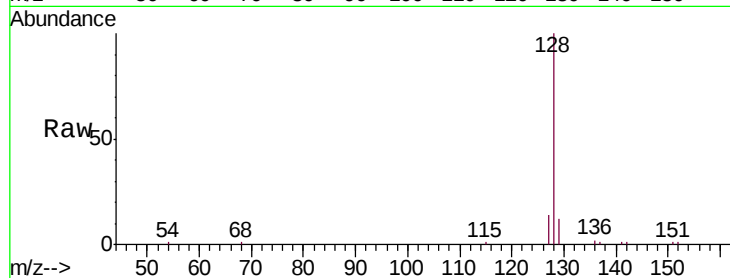
Tgt Ion:128 Resp: 11080

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

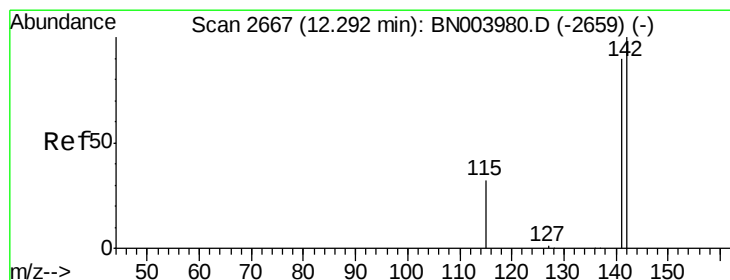
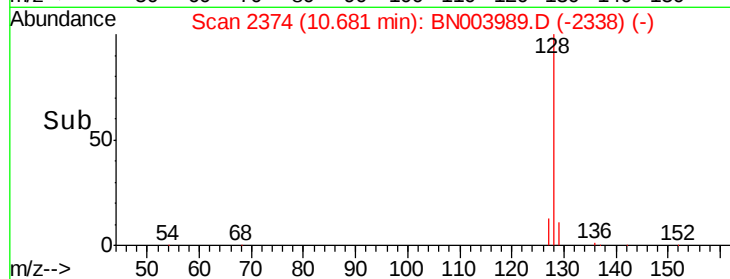
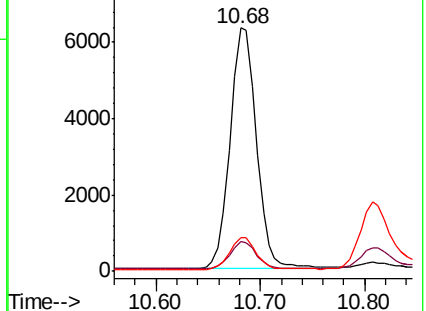
127 13.8 10.5 15.7



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: 0.389 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BN003989.D

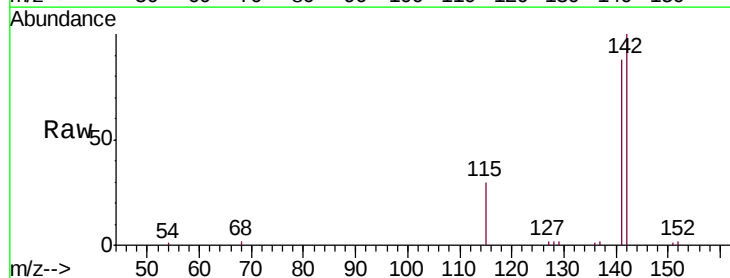
Acq: 16 Dec 2018 11:39

Tgt Ion:142 Resp: 7916

Ion Ratio Lower Upper

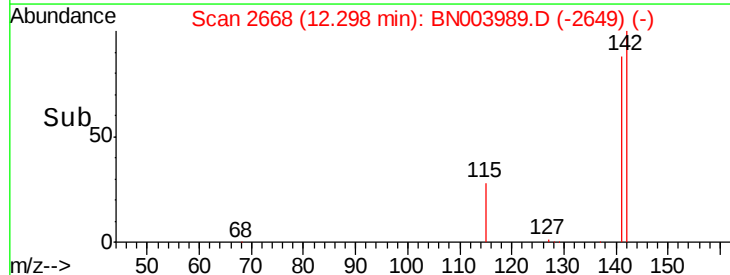
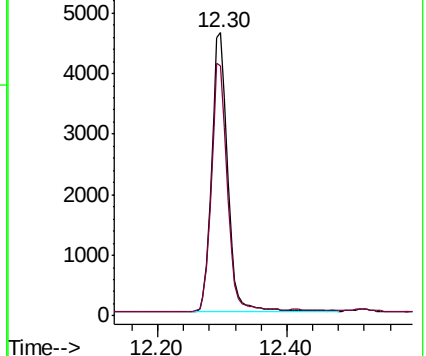
142 100

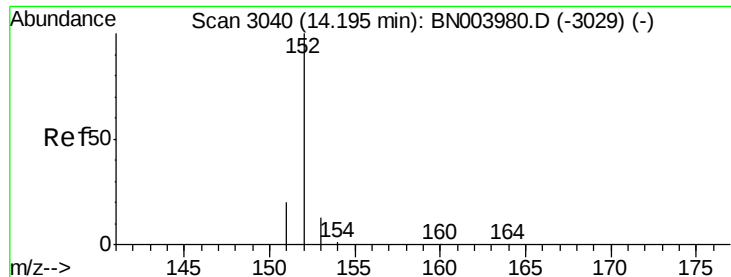
141 90.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.455 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

Instrument :

BNA_N

ClientSampleId :

DFTPP70

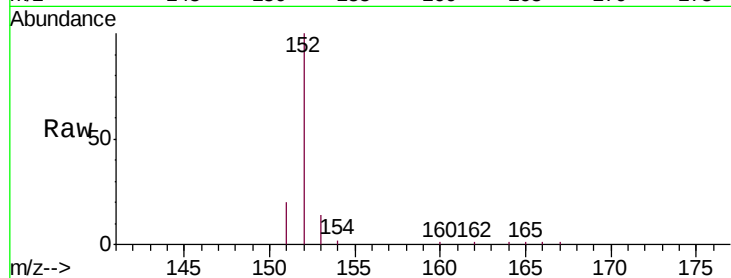
Tgt Ion:152 Resp: 11808

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

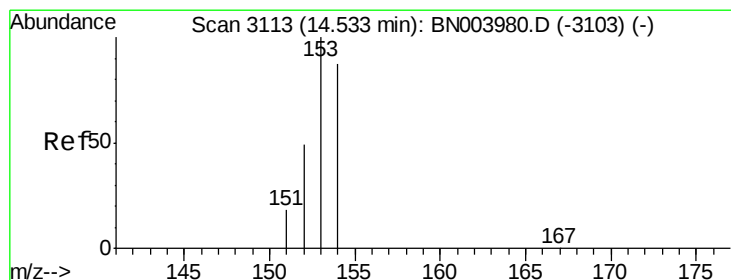
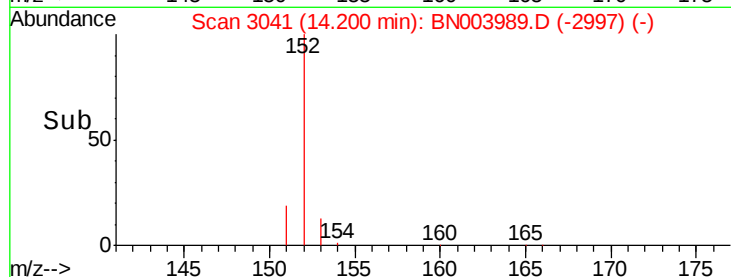
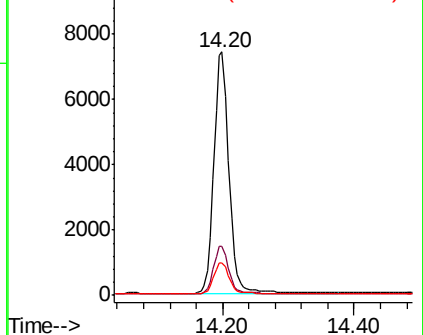
153 13.6 10.7 16.1



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: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

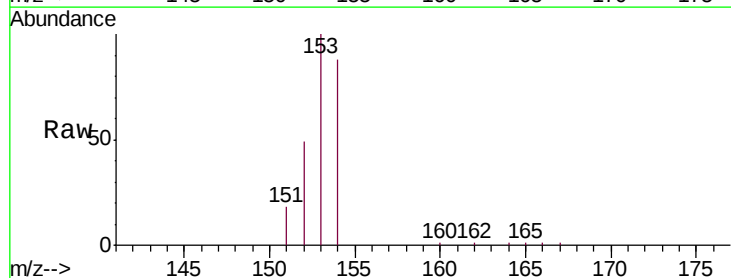
Tgt Ion:153 Resp: 8728

Ion Ratio Lower Upper

153 100

152 49.2 39.3 58.9

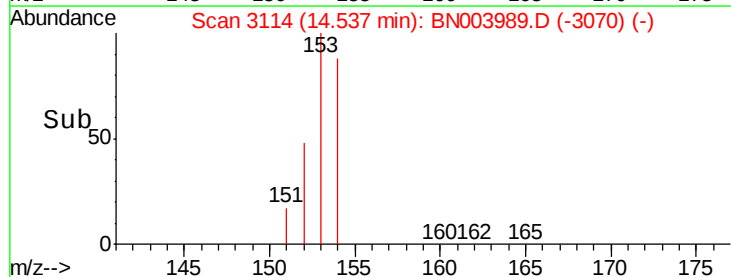
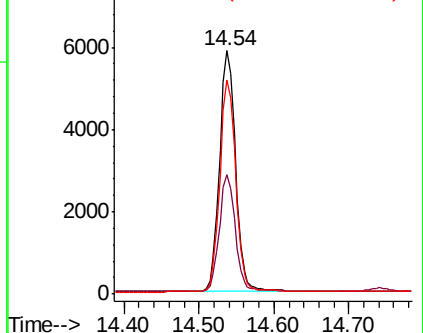
154 88.0 70.3 105.5

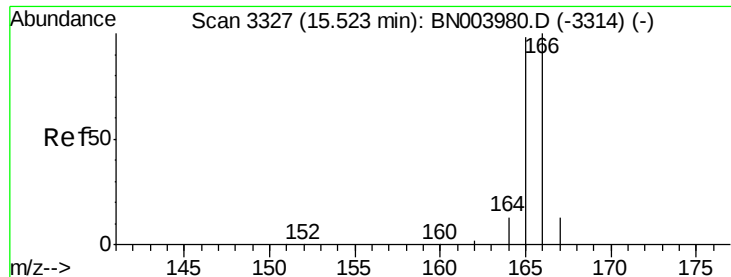


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.373 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

Instrument :

BNA_N

ClientSampleId :

DFTPP70

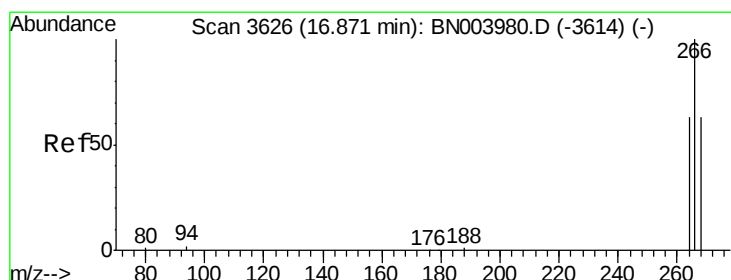
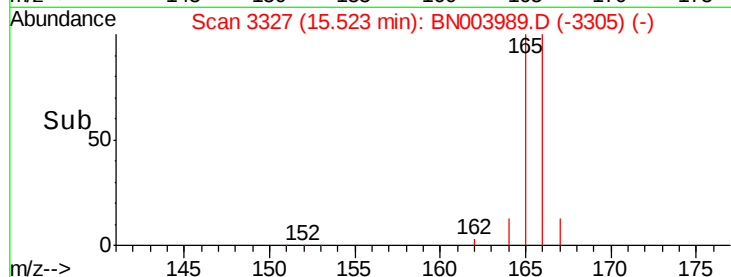
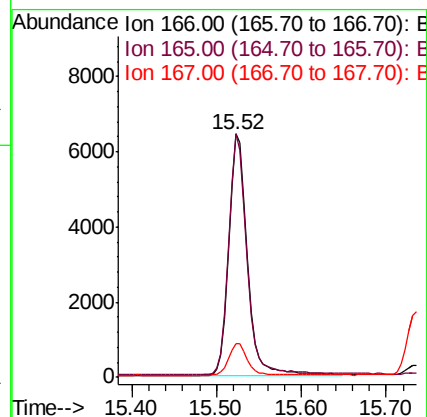
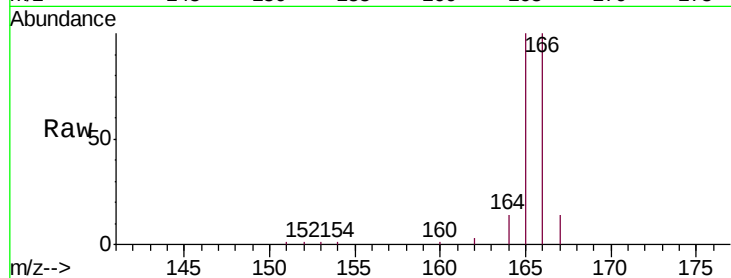
Tgt Ion:166 Resp: 9891

Ion Ratio Lower Upper

166 100

165 100.1 78.3 117.5

167 14.1 11.3 16.9



#11

Pentachlorophenol

Concen: 0.449 ng/ul

RT: 16.88 min Scan# 3628

Delta R.T. 0.01 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

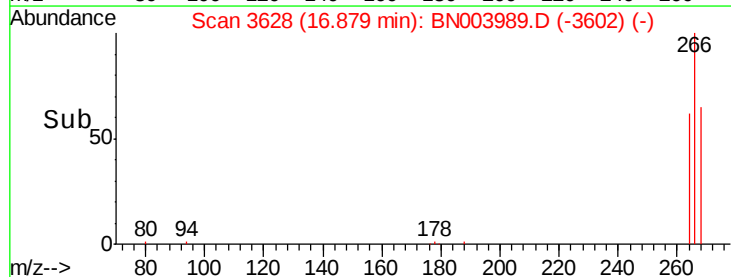
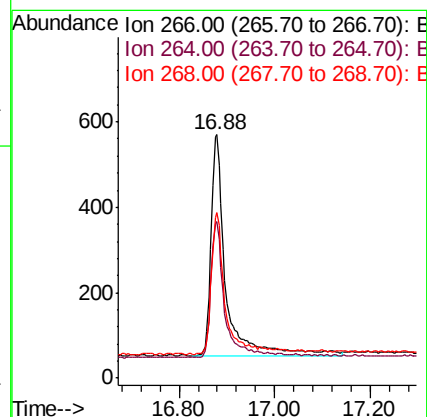
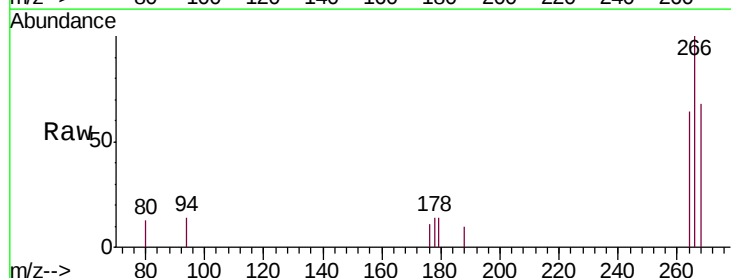
Tgt Ion:266 Resp: 1139

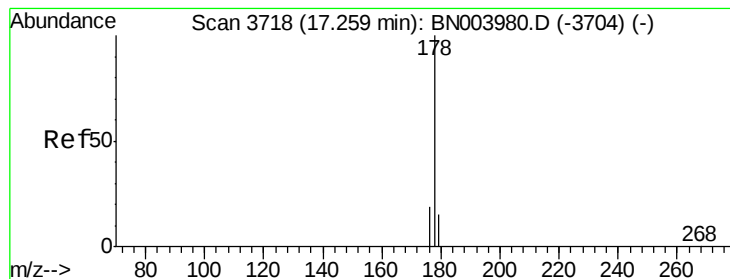
Ion Ratio Lower Upper

266 100

264 56.5 49.4 74.2

268 58.7 51.7 77.5





#12

Phenanthrene

Concen: 0.365 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

Instrument :

BNA_N

ClientSampleId :

DFTPP70

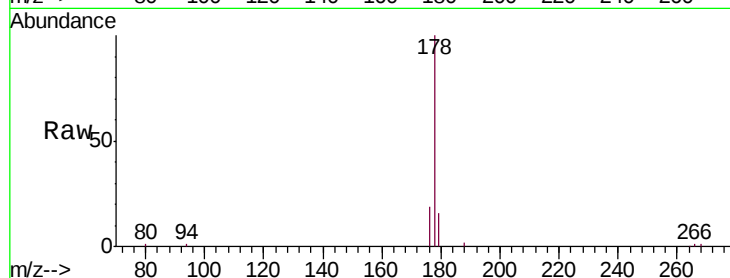
Tgt Ion:178 Resp: 16882

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

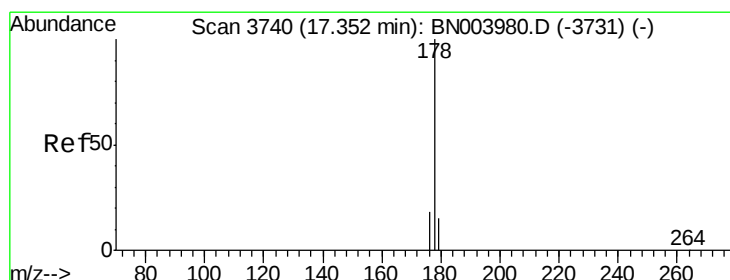
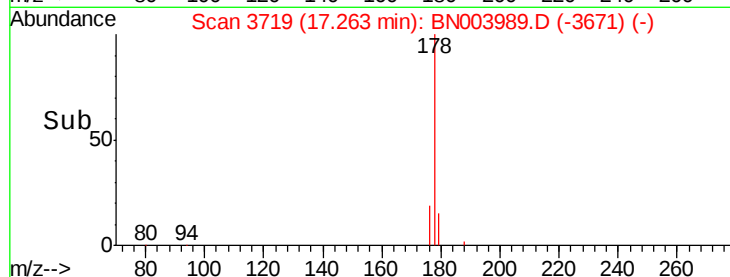
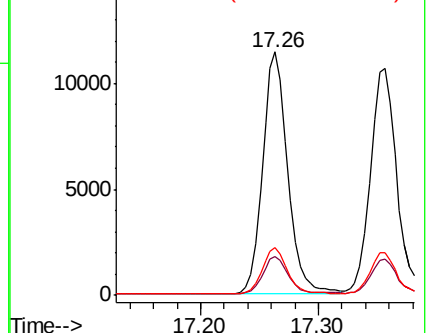
176 19.5 15.0 22.4



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: 0.437 ng/ul

RT: 17.36 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

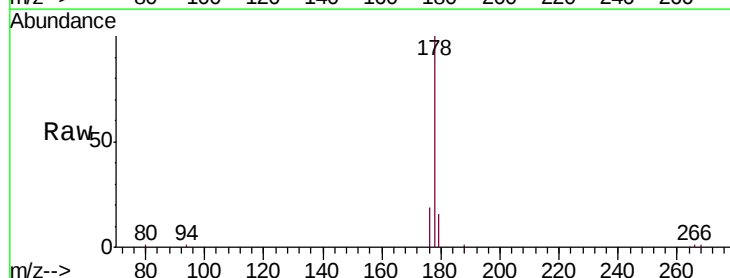
Tgt Ion:178 Resp: 16619

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

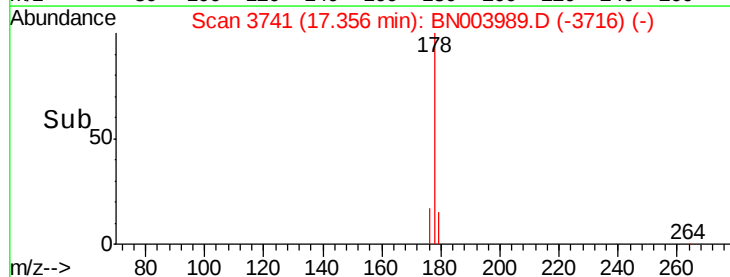
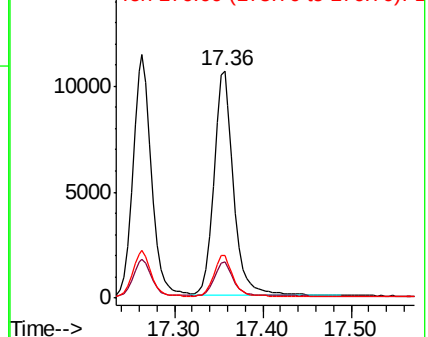
176 18.7 14.8 22.2

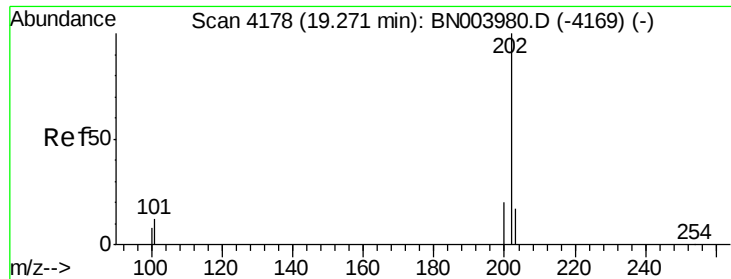


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.401 ng/ul

RT: 19.28 min Scan# 4180

Delta R.T. 0.01 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

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DFTPP70

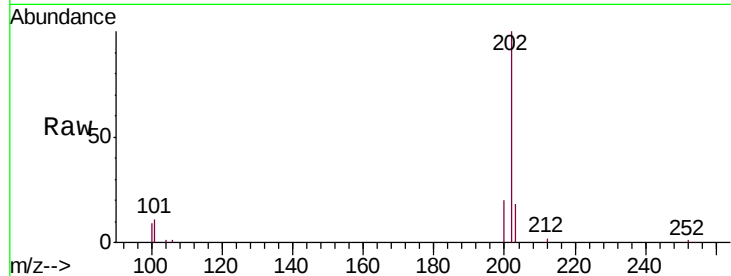
Tgt Ion:202 Resp: 21908

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

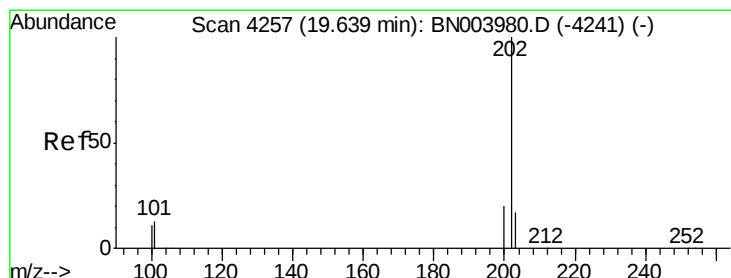
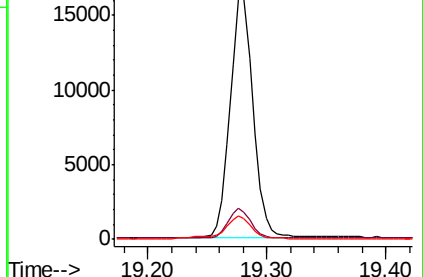
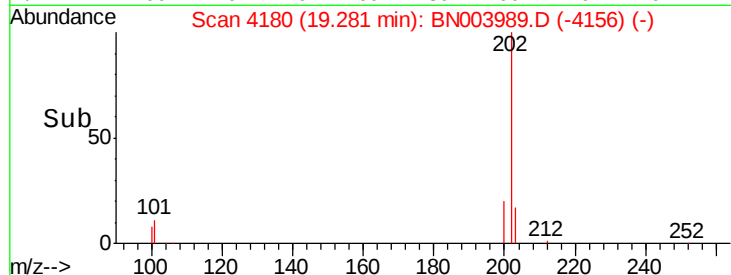
100 8.6 0.0 28.1



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: 0.413 ng/ul

RT: 19.64 min Scan# 4258

Delta R.T. 0.00 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

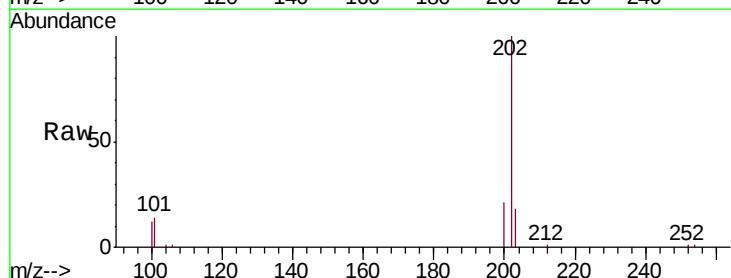
Tgt Ion:202 Resp: 22582

Ion Ratio Lower Upper

202 100

101 14.4 10.3 15.5

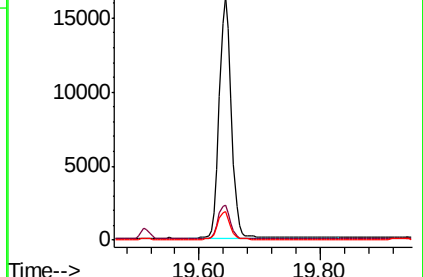
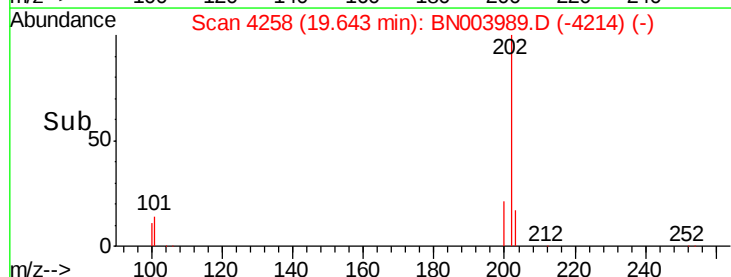
100 11.5 8.5 12.7

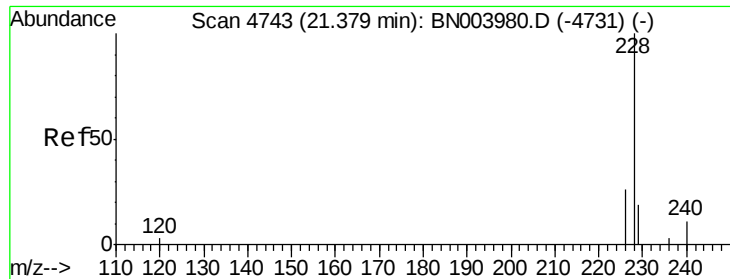


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.437 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.01 min

Lab File: BN003989.D

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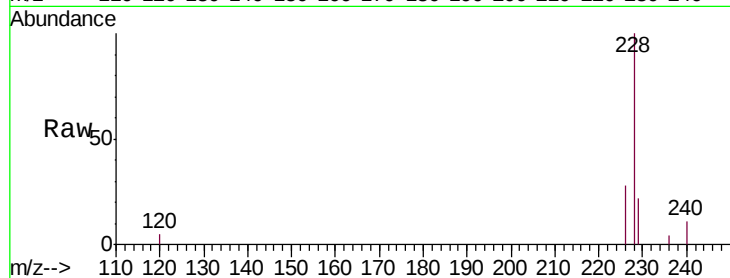
Tgt Ion:228 Resp: 21009

Ion Ratio Lower Upper

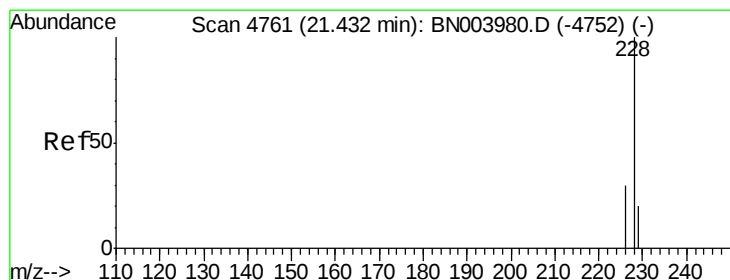
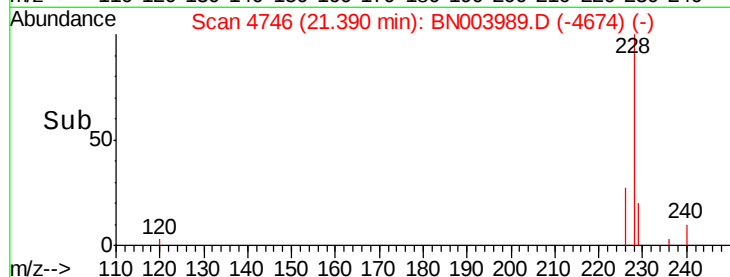
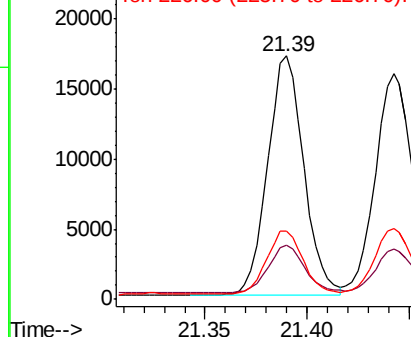
228 100

229 22.0 15.6 23.4

226 28.3 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: 0.364 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.01 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

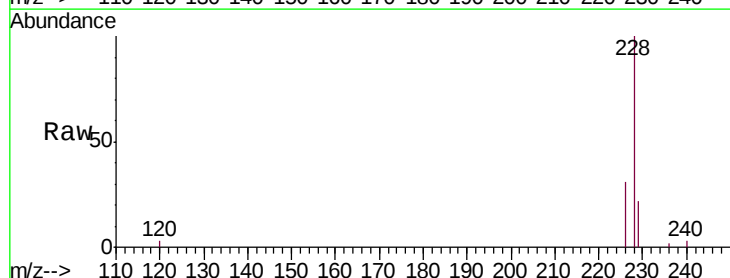
Tgt Ion:228 Resp: 20051

Ion Ratio Lower Upper

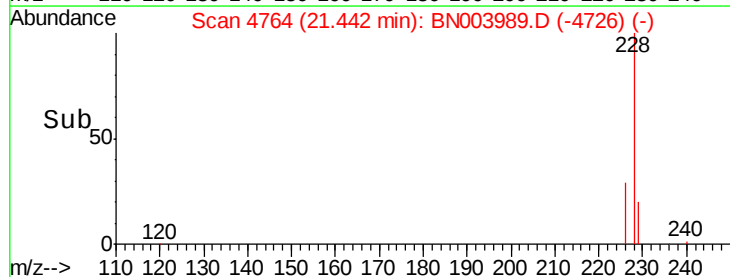
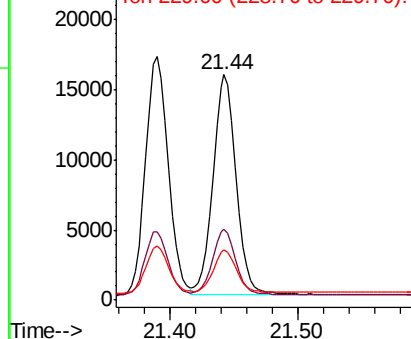
228 100

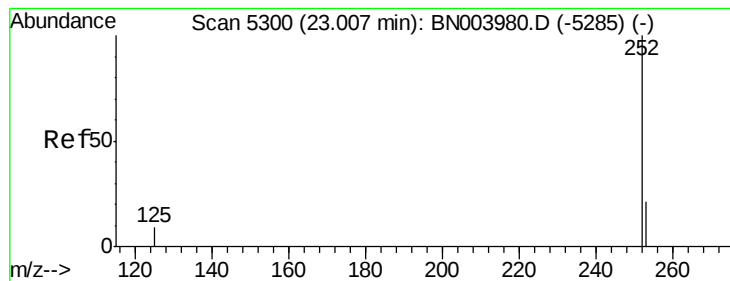
226 31.5 24.0 36.0

229 22.4 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: 0.348 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. 0.02 min

Lab File: BN003989.D

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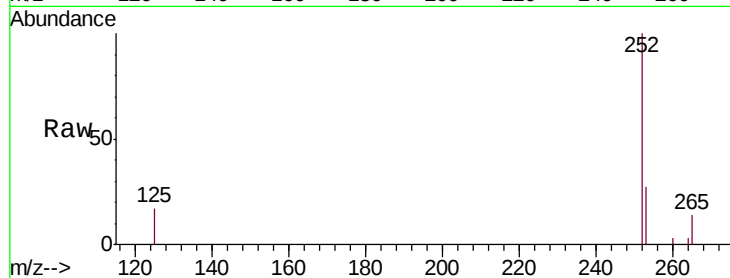
Tgt Ion:252 Resp: 19083

Ion Ratio Lower Upper

252 100

253 26.6 0.0 46.0

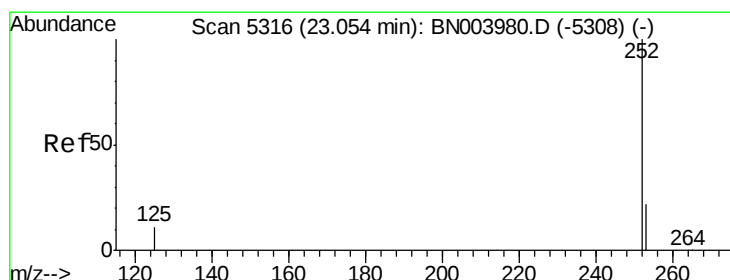
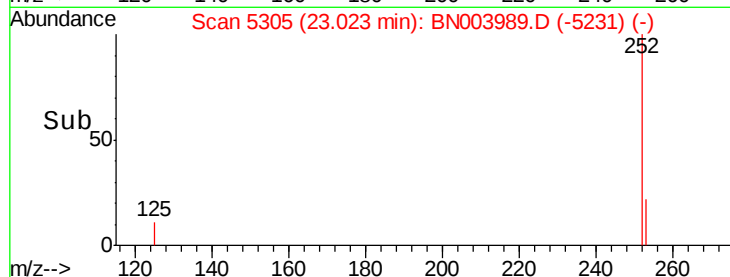
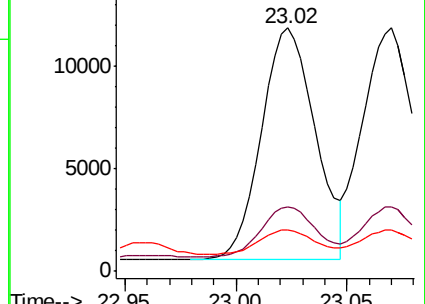
125 17.2 0.0 22.4



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: 0.356 ng/ul

RT: 23.07 min Scan# 5321

Delta R.T. 0.02 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

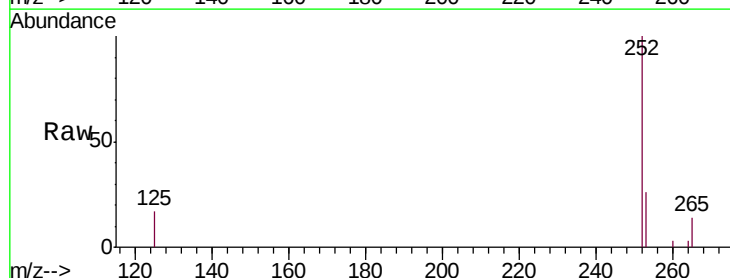
Tgt Ion:252 Resp: 19025

Ion Ratio Lower Upper

252 100

253 26.5 18.5 27.7

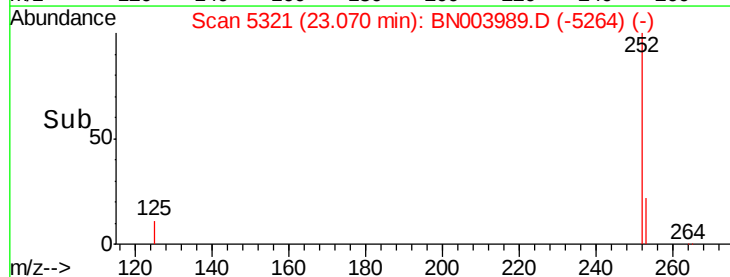
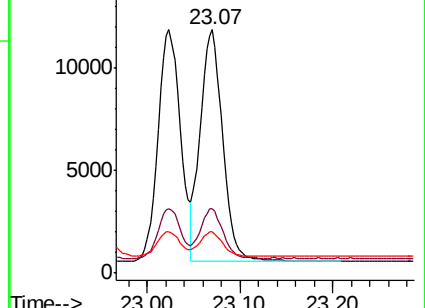
125 17.1 9.0 13.6#

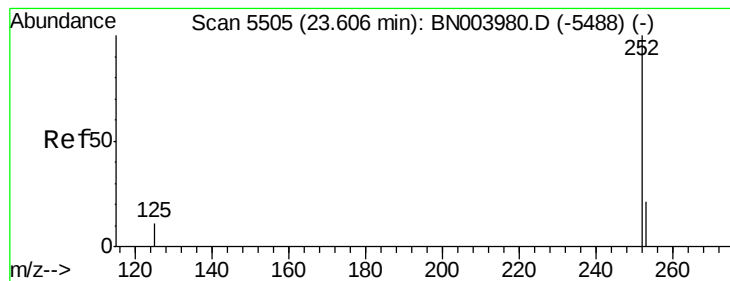


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.63 min Scan# 5511

Delta R.T. 0.02 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

Instrument :

BNA_N

ClientSampleId :

DFTPP70

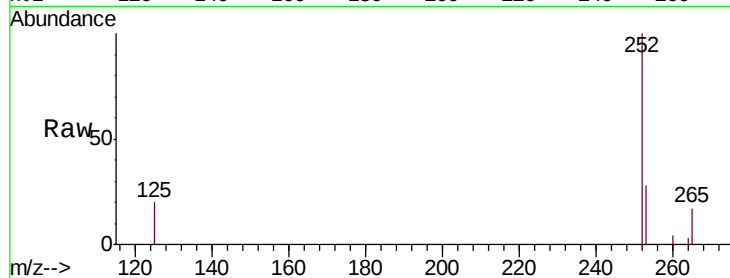
Tgt Ion:252 Resp: 17828

Ion Ratio Lower Upper

252 100

253 27.9 19.0 28.4

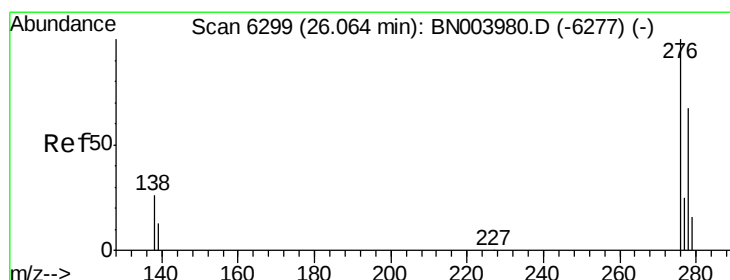
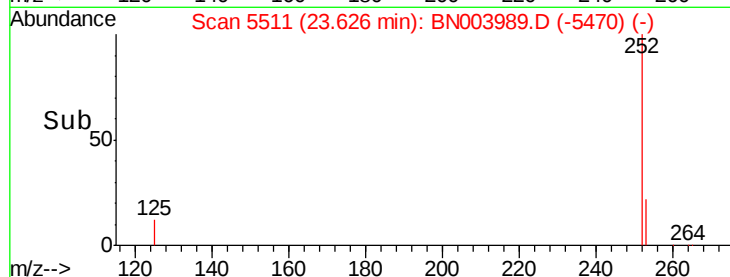
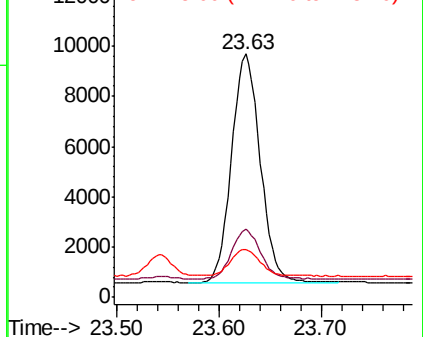
125 19.8 10.2 15.4#



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: 0.374 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. 0.03 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

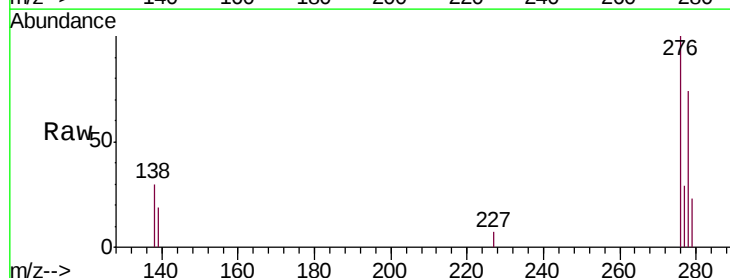
Tgt Ion:276 Resp: 20355

Ion Ratio Lower Upper

276 100

138 26.2 20.3 30.5

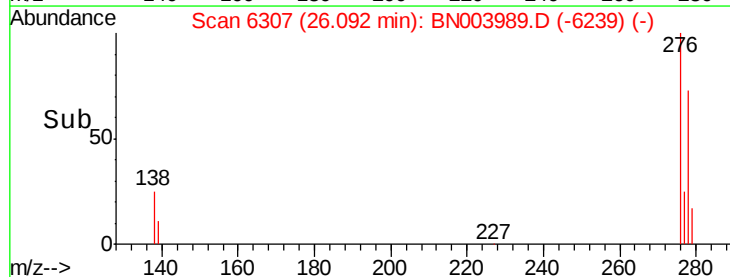
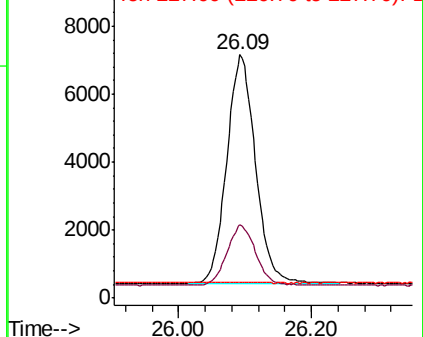
227 0.3 0.2 0.2#

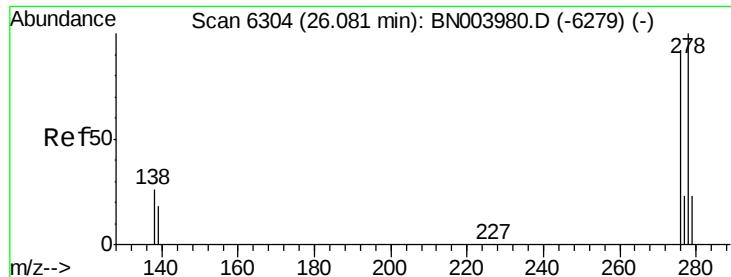


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.376 ng/ul

RT: 26.10 min Scan# 6310

Delta R.T. 0.02 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

Instrument :

BNA_N

ClientSampleId :

DFTPP70

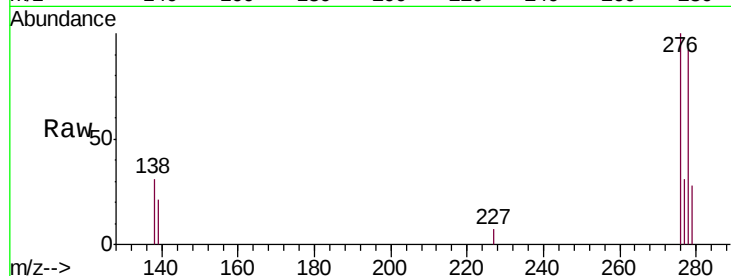
Tgt Ion:278 Resp: 16471

Ion Ratio Lower Upper

278 100

139 23.4 14.2 21.4#

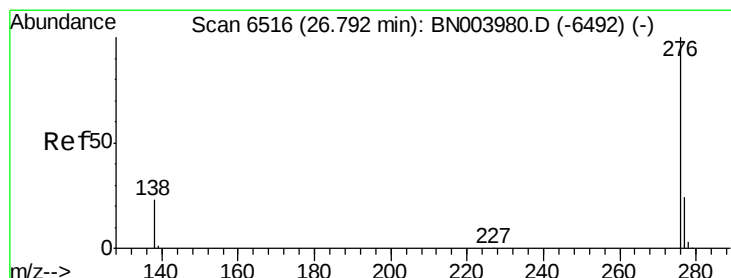
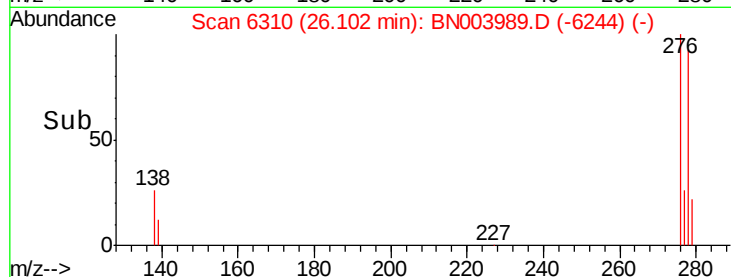
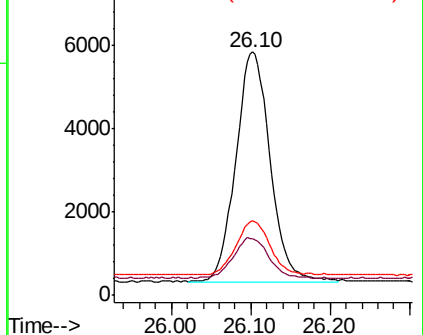
279 30.8 19.8 29.6#



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: 0.357 ng/ul

RT: 26.82 min Scan# 6525

Delta R.T. 0.03 min

Lab File: BN003989.D

Acq: 16 Dec 2018 11:39

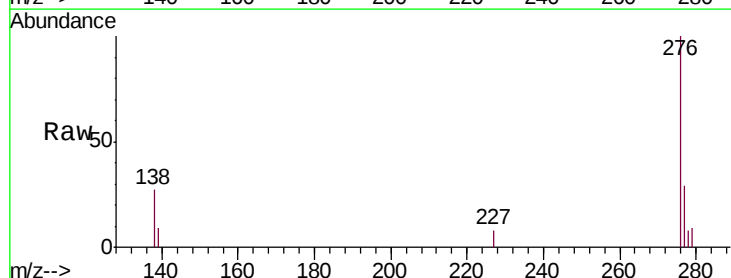
Tgt Ion:276 Resp: 16880

Ion Ratio Lower Upper

276 100

138 27.3 17.7 26.5#

277 29.4 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

