

Data File : BN003950.D
Acq On : 15 Dec 2018 09:48
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP69

Quant Time: Dec 15 21:59:53 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 Dec 12 03:46:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2264	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6266	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	15201	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	19004	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	16479	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6466	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	17703	0.40	ng/ul	0.00

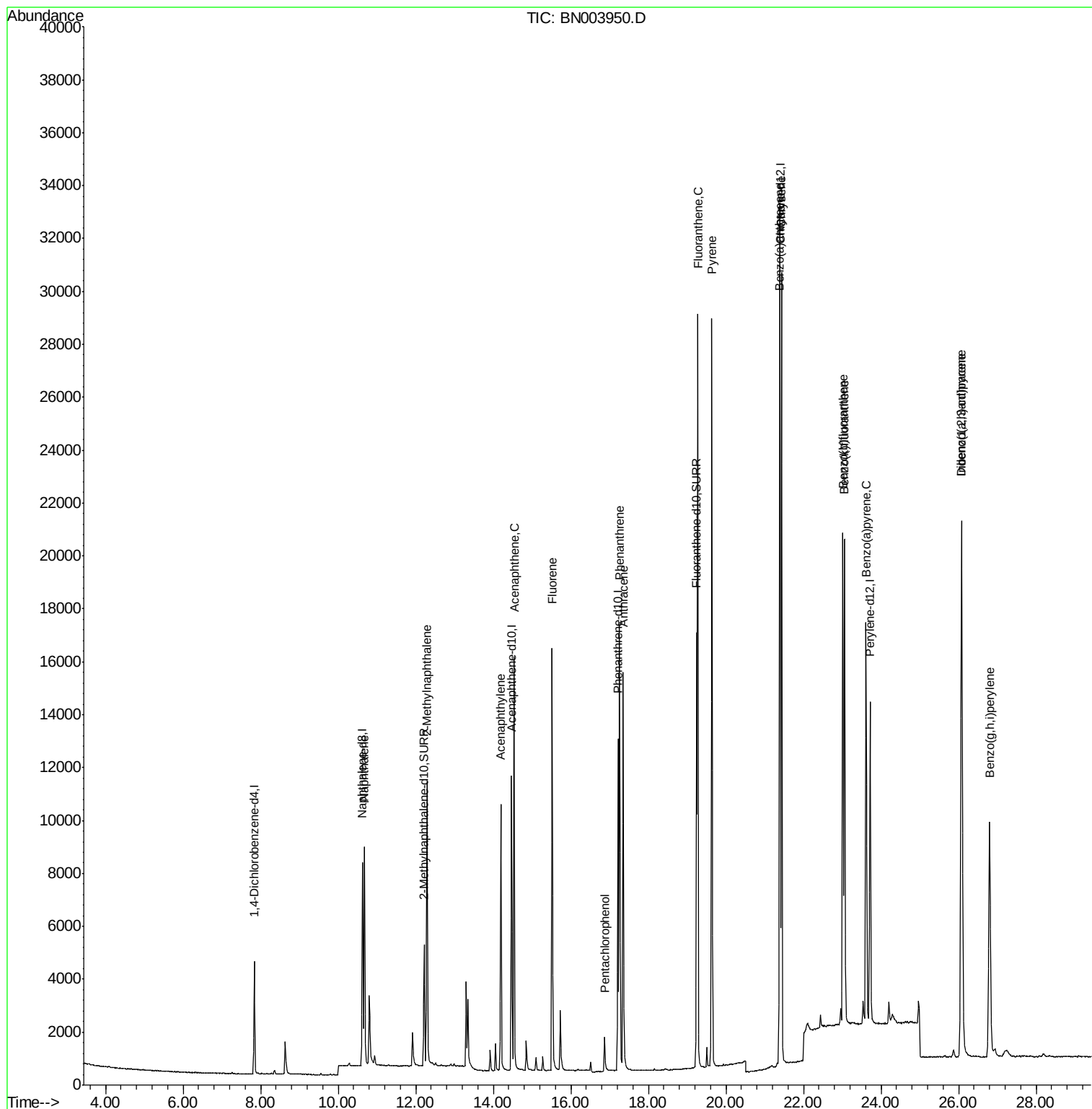
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	11565	0.379	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	8386	0.394	ng/ul	99
7) Acenaphthylene	14.20	152	12267	0.435	ng/ul	100
8) Acenaphthene	14.53	153	9353	0.378	ng/ul	99
9) Fluorene	15.52	166	10766	0.373	ng/ul	99
11) Pentachlorophenol	16.87	266	1199	0.438	ng/ul	99
12) Phenanthrene	17.26	178	18253	0.366	ng/ul	100
13) Anthracene	17.35	178	17084	0.417	ng/ul	99
15) Fluoranthene	19.27	202	23479	0.399	ng/ul	96
17) Pyrene	19.63	202	24050	0.353	ng/ul	96
18) Benzo(a)anthracene	21.38	228	25129	0.419	ng/ul	98
19) Chrysene	21.43	228	24358	0.355	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	24377	0.358	ng/ul	97
22) Benzo(k)fluoranthene	23.06	252	24178	0.364	ng/ul	98
23) Benzo(a)pyrene	23.61	252	22361	0.379	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.07	276	24208	0.358	ng/ul	98
25) Dibenzo(a,h)anthracene	26.08	278	19717	0.362	ng/ul	97
26) Benzo(g,h,i)perylene	26.80	276	19982	0.340	ng/ul	96

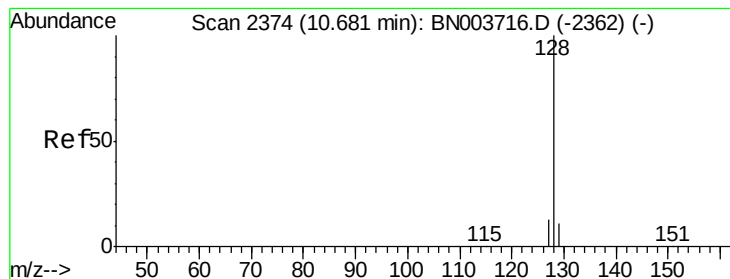
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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Quant Time: Dec 15 21:59:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.379 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

Instrument :

BNA_N

ClientSampleId :

DFTPP69

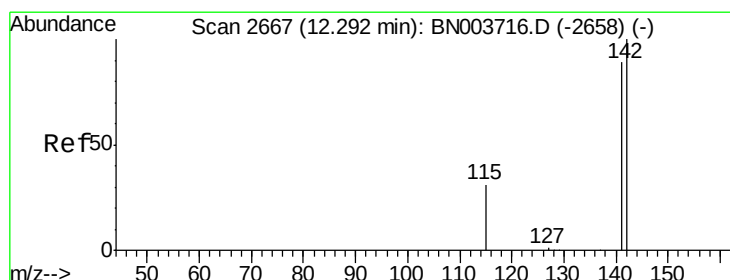
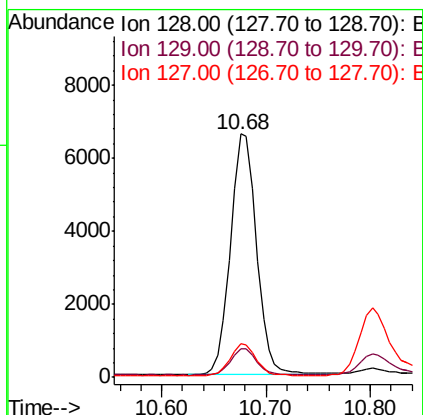
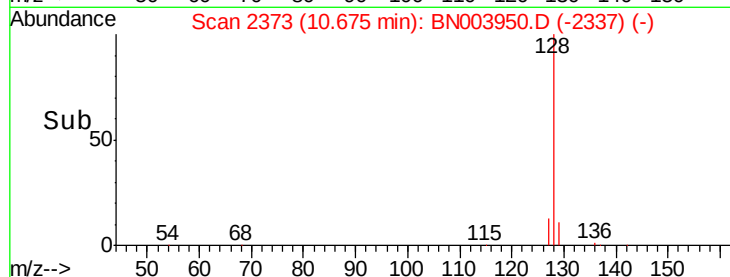
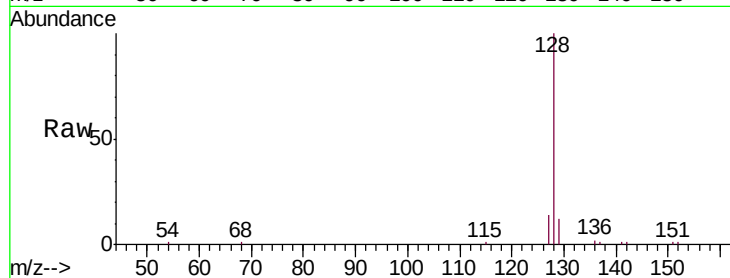
Tgt Ion:128 Resp: 11565

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

127 13.9 10.5 15.7



#5

2-Methylnaphthalene

Concen: 0.394 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BN003950.D

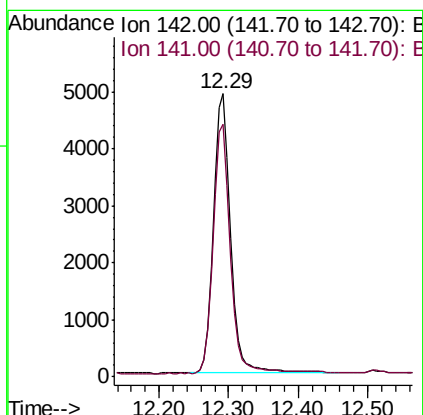
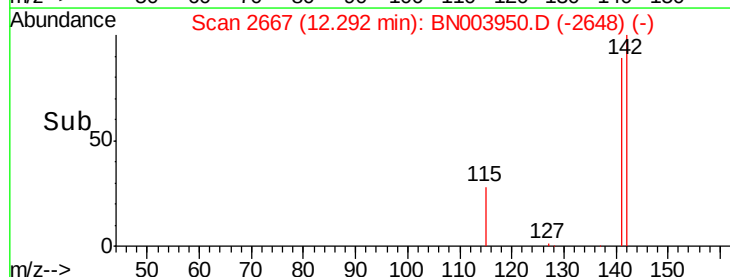
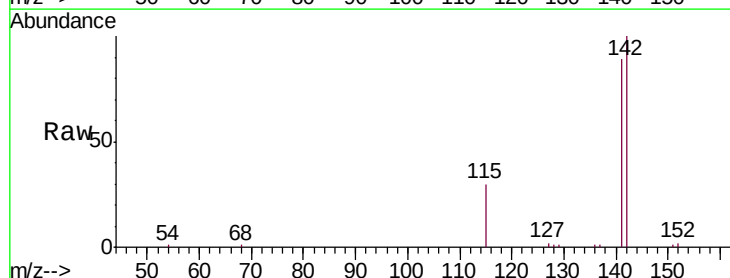
Acq: 15 Dec 2018 09:48

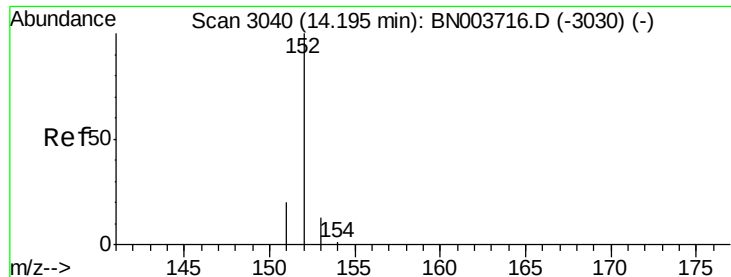
Tgt Ion:142 Resp: 8386

Ion Ratio Lower Upper

142 100

141 90.6 71.5 107.3





#7

Acenaphthylene

Concen: 0.435 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

Instrument :

BNA_N

ClientSampleId :

DFTPP69

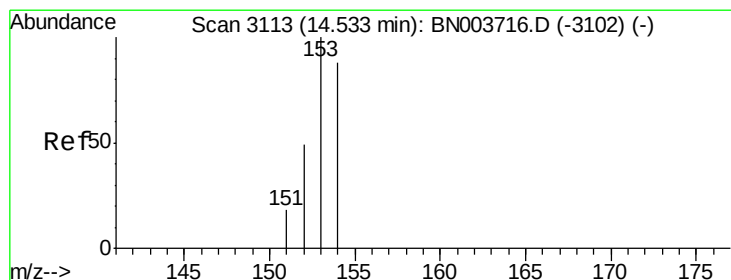
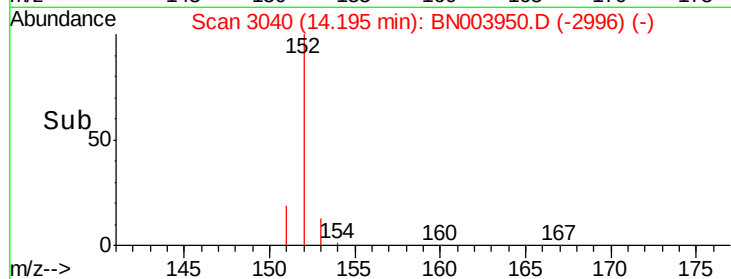
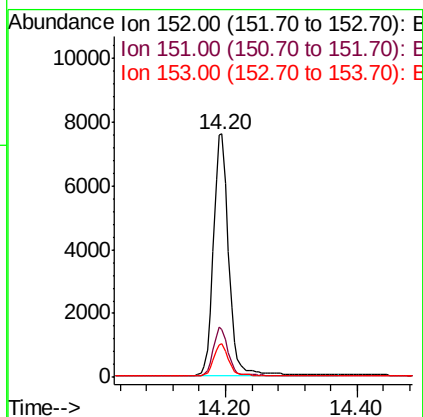
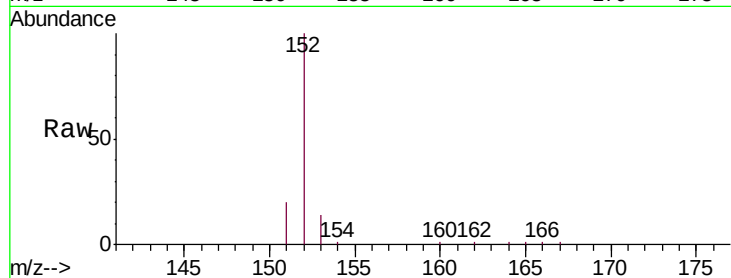
Tgt Ion:152 Resp: 12267

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.6 10.7 16.1



#8

Acenaphthene

Concen: 0.378 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

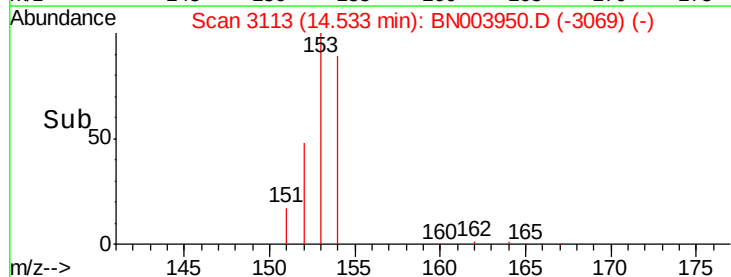
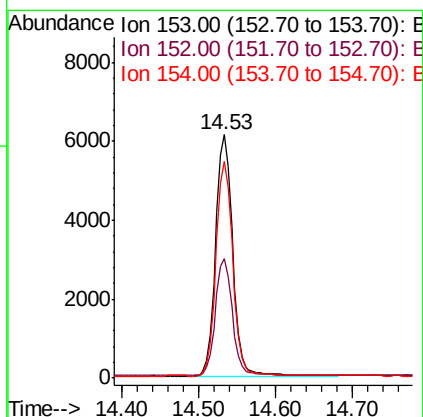
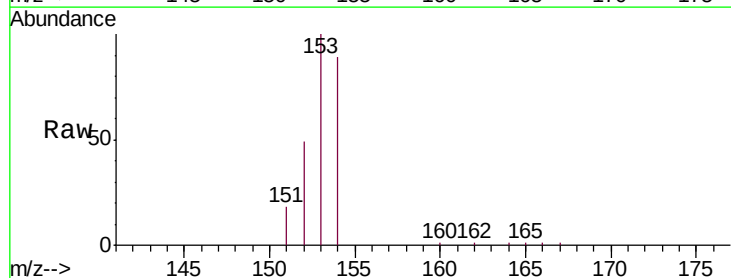
Tgt Ion:153 Resp: 9353

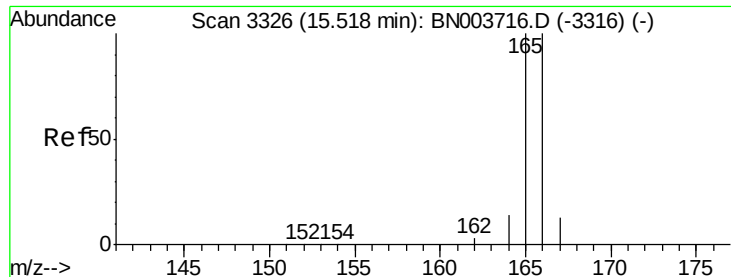
Ion Ratio Lower Upper

153 100

152 49.0 39.3 58.9

154 88.8 70.3 105.5





#9

Fluorene

Concen: 0.373 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

Instrument :

BNA_N

ClientSampleId :

DFTPP69

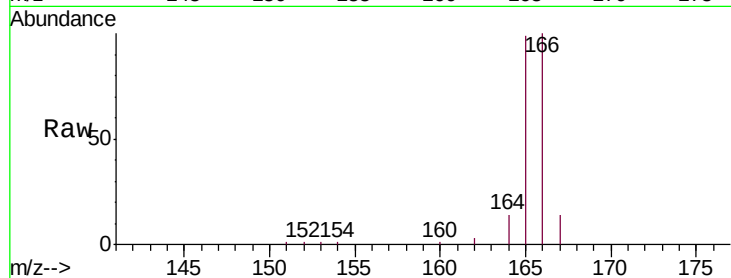
Tgt Ion:166 Resp: 10766

Ion Ratio Lower Upper

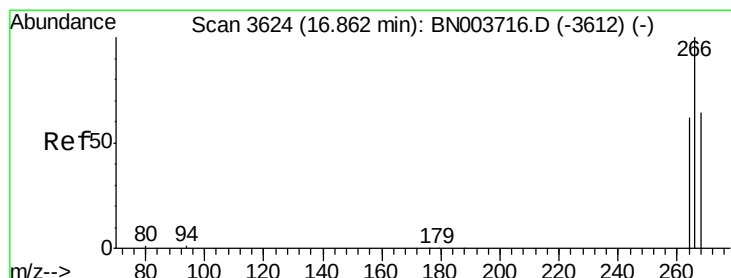
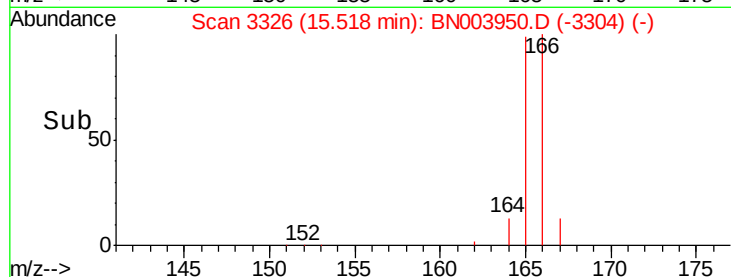
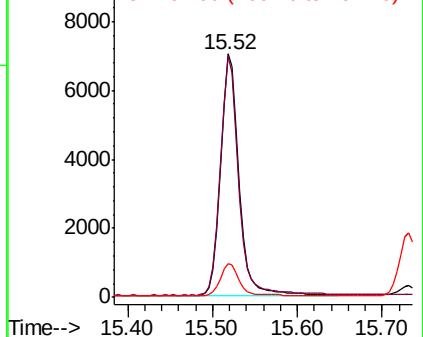
166 100

165 98.8 78.3 117.5

167 13.8 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: 0.438 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

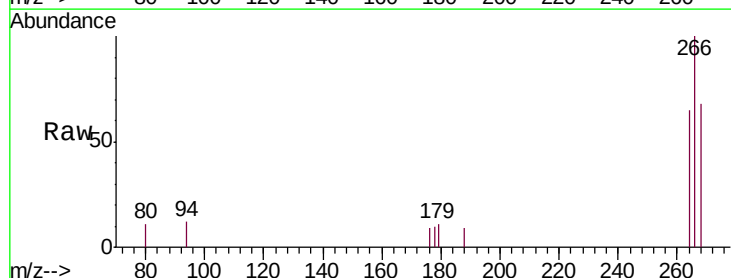
Tgt Ion:266 Resp: 1199

Ion Ratio Lower Upper

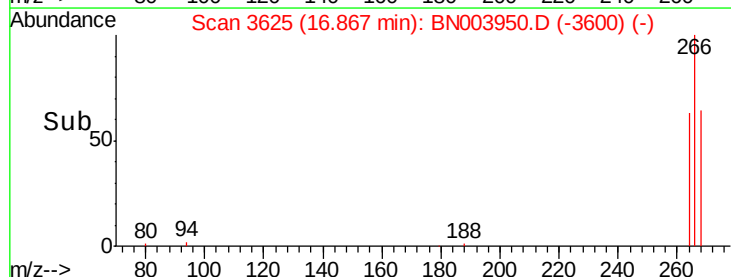
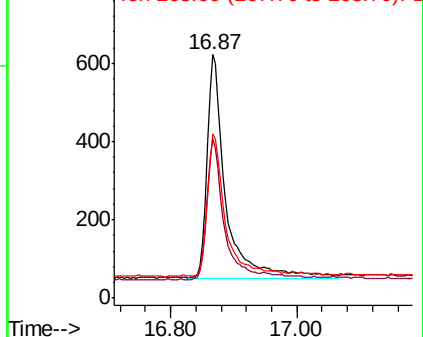
266 100

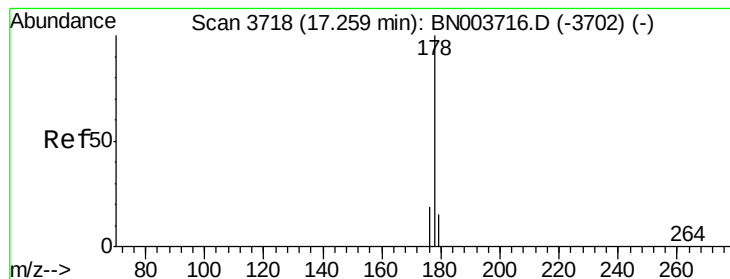
264 61.1 49.4 74.2

268 64.3 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: 0.366 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

Instrument :

BNA_N

ClientSampleId :

DFTPP69

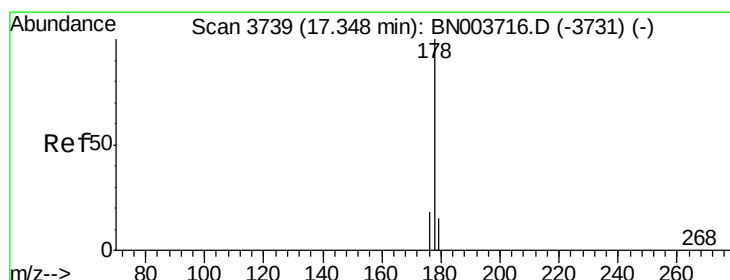
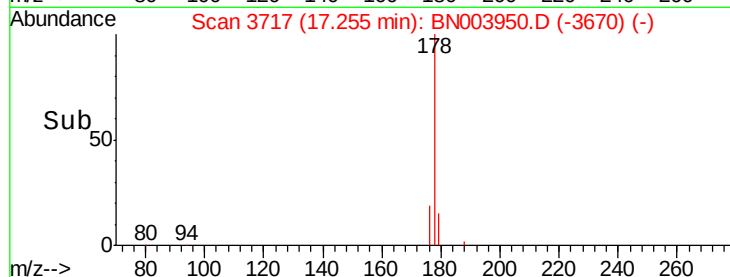
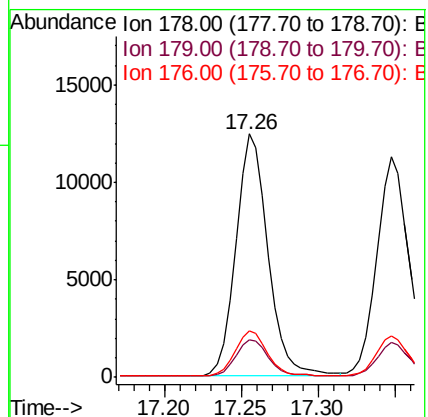
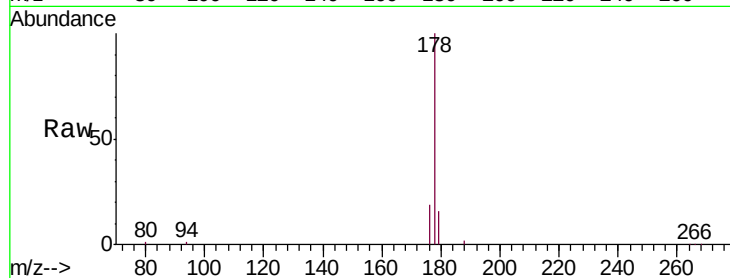
Tgt Ion:178 Resp: 18253

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.9 15.0 22.4



#13

Anthracene

Concen: 0.417 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

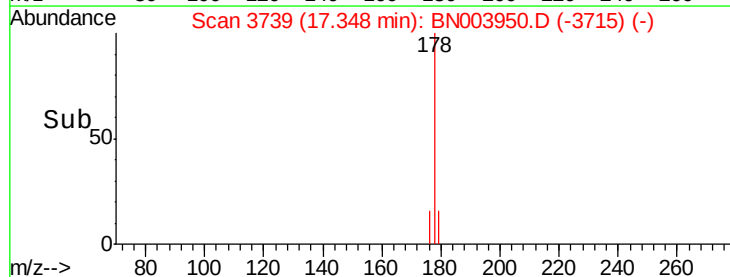
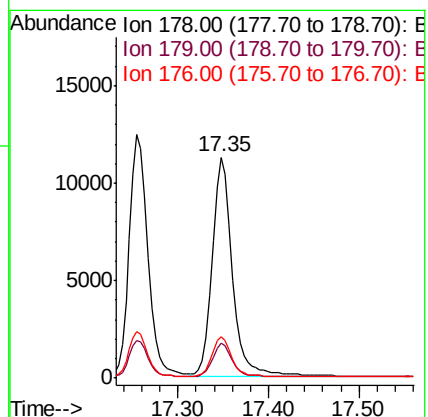
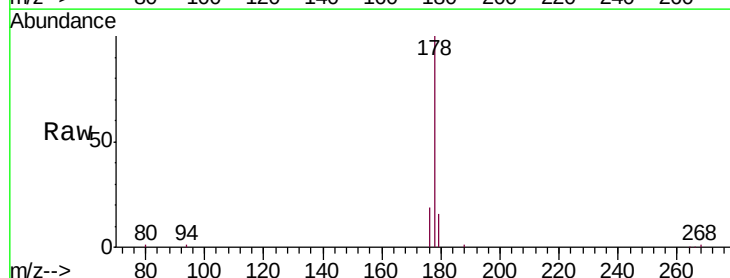
Tgt Ion:178 Resp: 17084

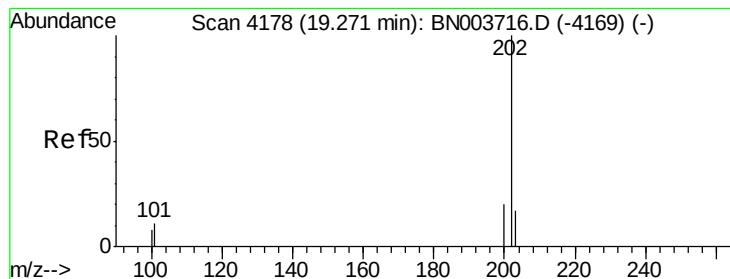
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 18.9 14.8 22.2





#15

Fluoranthene

Concen: 0.399 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

Instrument :

BNA_N

ClientSampleId :

DFTPP69

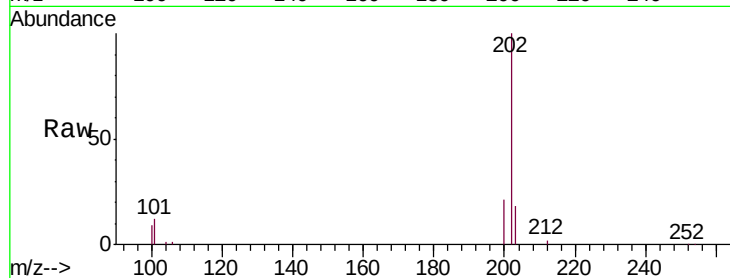
Tgt Ion:202 Resp: 23479

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.7

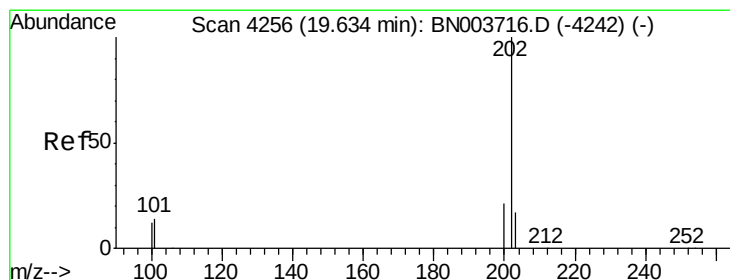
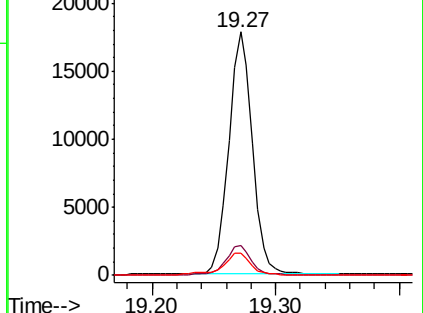
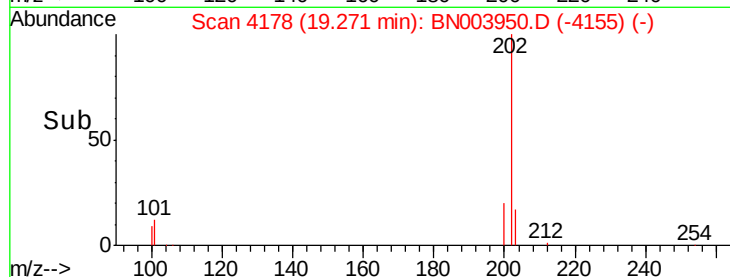
100 9.2 0.0 28.1



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: 0.353 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

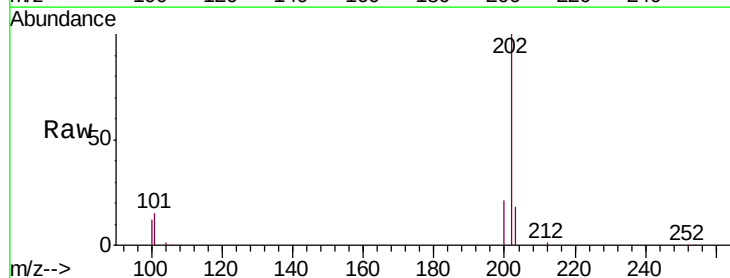
Tgt Ion:202 Resp: 24050

Ion Ratio Lower Upper

202 100

101 14.8 10.3 15.5

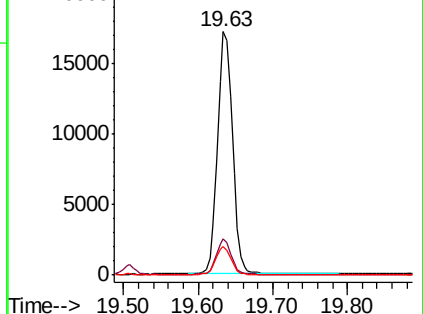
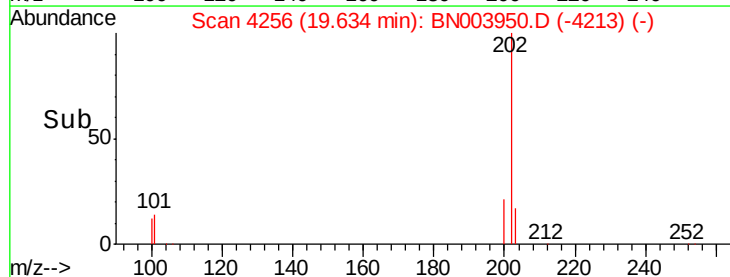
100 11.8 8.5 12.7

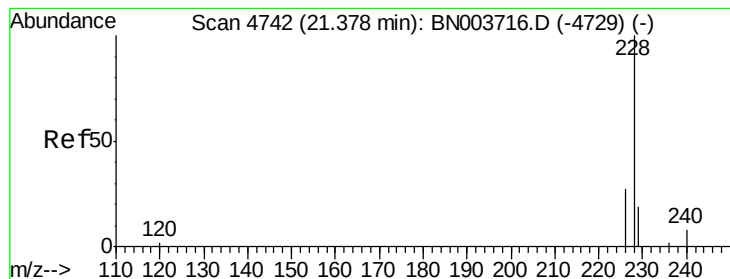


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.419 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

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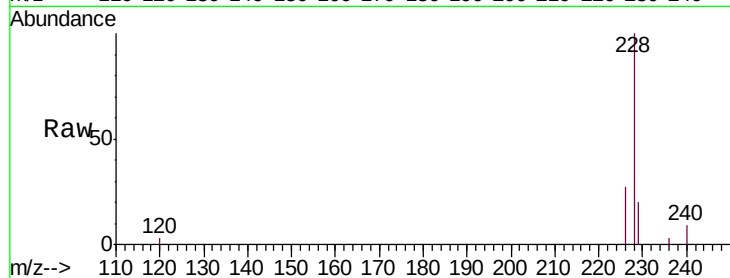
Tgt Ion:228 Resp: 25129

Ion Ratio Lower Upper

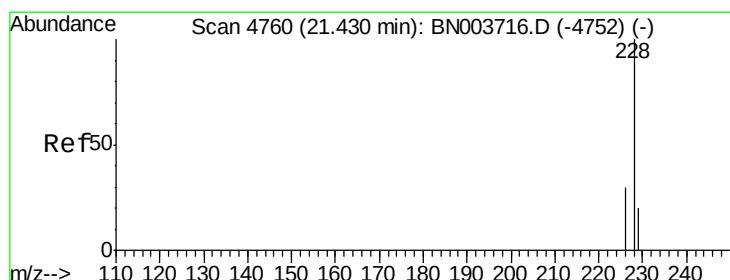
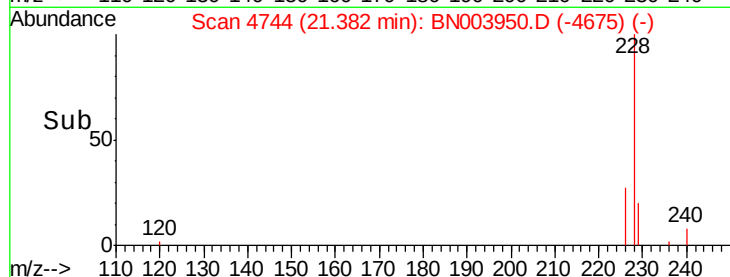
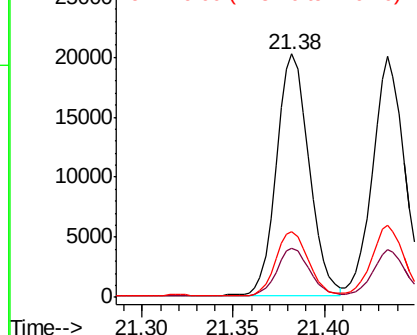
228 100

229 20.1 15.6 23.4

226 27.2 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: 0.355 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.01 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

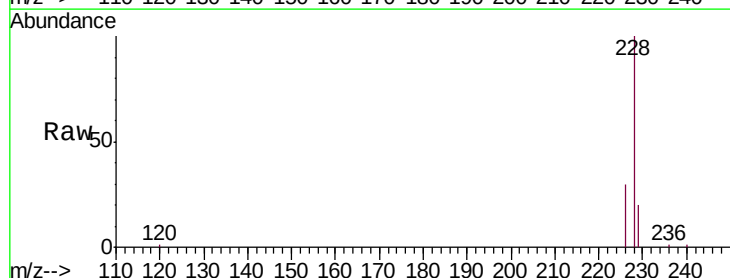
Tgt Ion:228 Resp: 24358

Ion Ratio Lower Upper

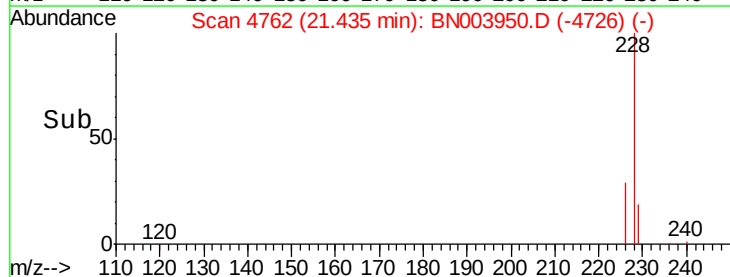
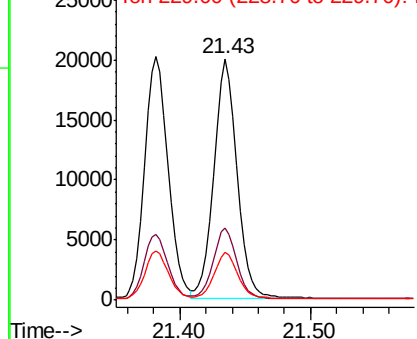
228 100

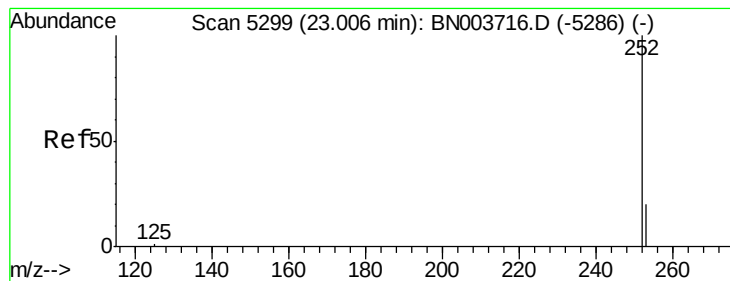
226 30.1 24.0 36.0

229 20.0 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: 0.358 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. 0.01 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

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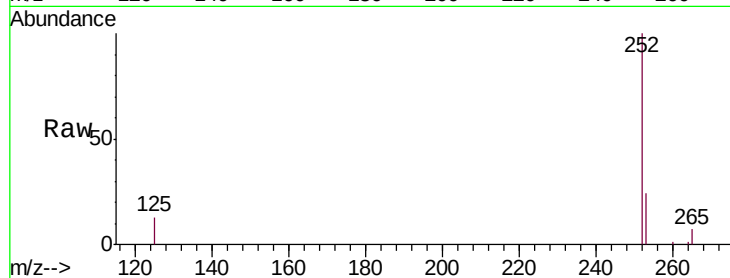
Tgt Ion:252 Resp: 24377

Ion Ratio Lower Upper

252 100

253 24.1 0.0 46.0

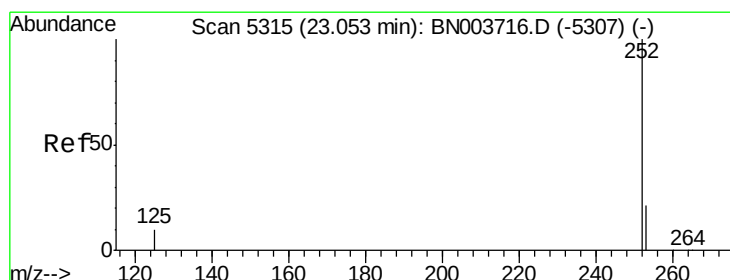
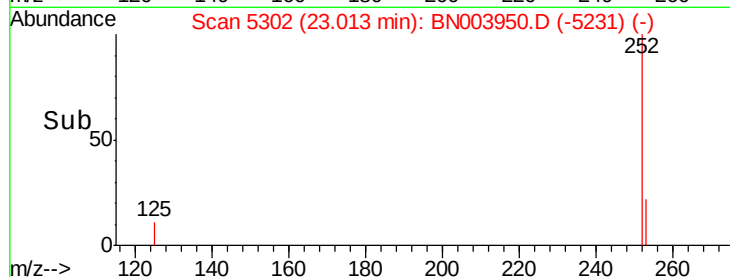
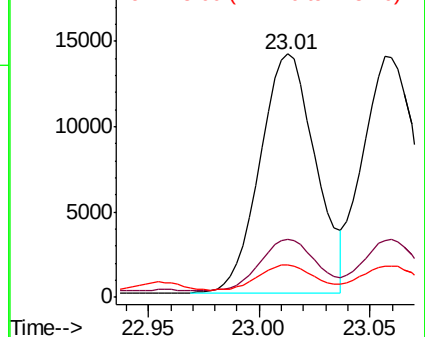
125 13.2 0.0 22.4



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: 0.364 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.01 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

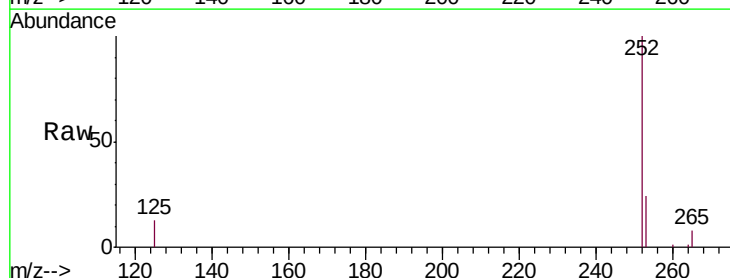
Tgt Ion:252 Resp: 24178

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

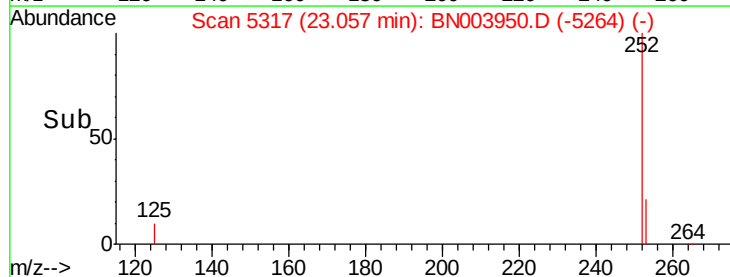
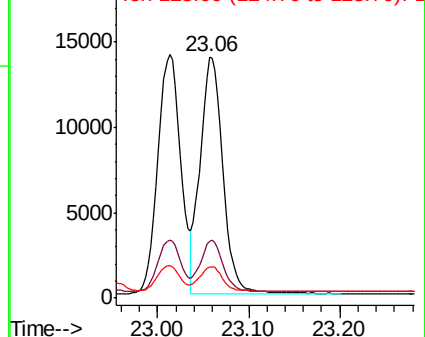
125 13.1 9.0 13.6

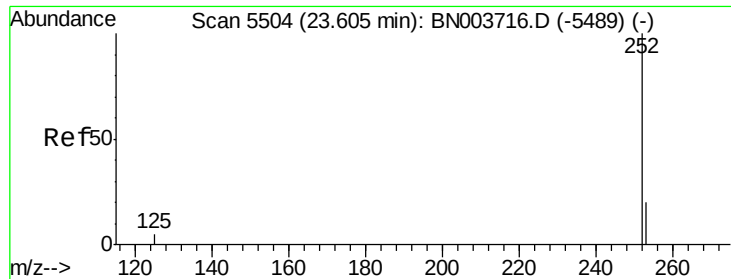


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.379 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.01 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

Instrument :

BNA_N

ClientSampleId :

DFTPP69

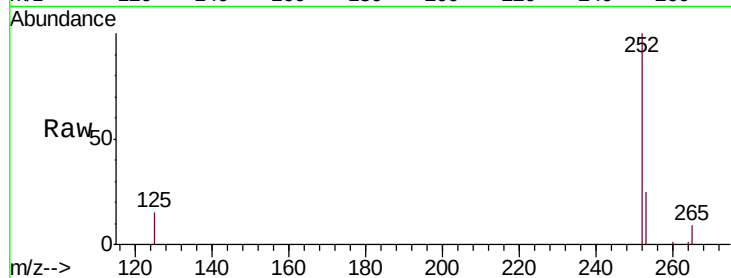
Tgt Ion:252 Resp: 22361

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.4

125 14.9 10.2 15.4

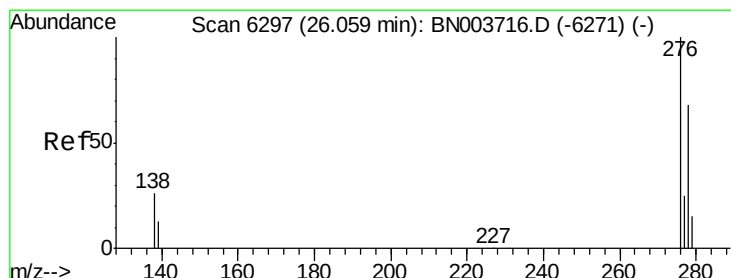
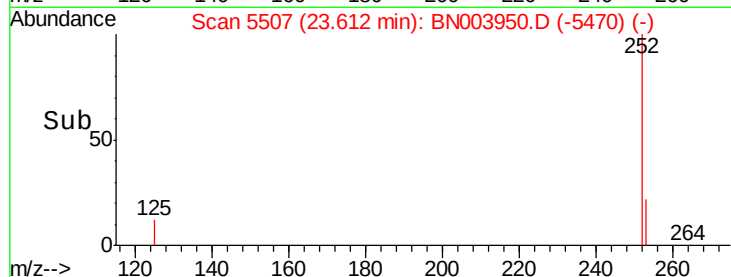
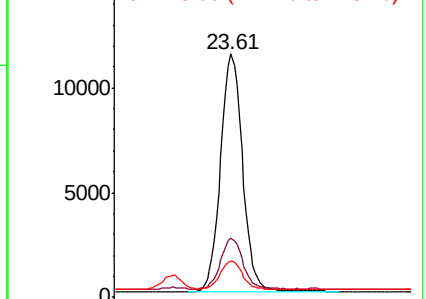


Abundance

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: 0.358 ng/ul

RT: 26.07 min Scan# 6302

Delta R.T. 0.01 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

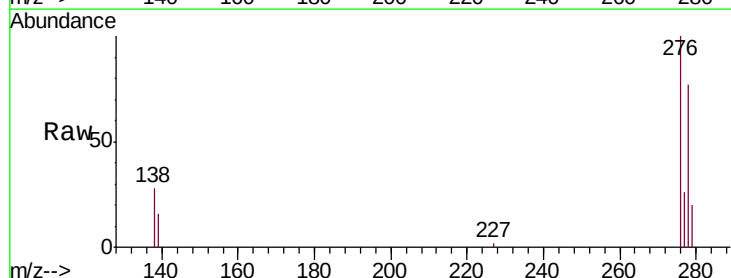
Tgt Ion:276 Resp: 24208

Ion Ratio Lower Upper

276 100

138 26.6 20.3 30.5

227 0.2 0.2 0.2

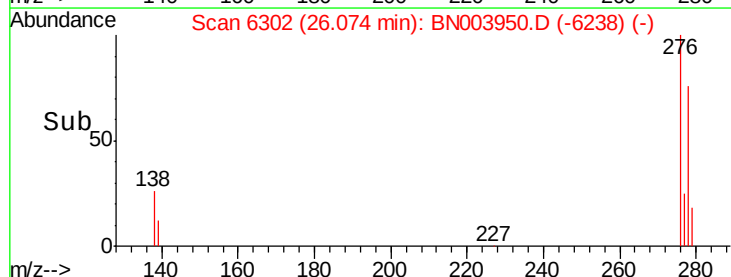
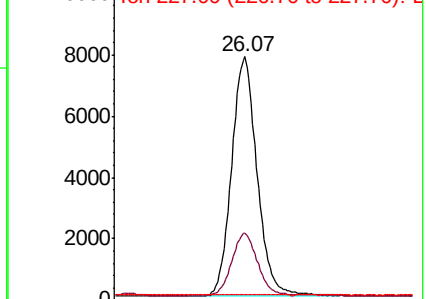


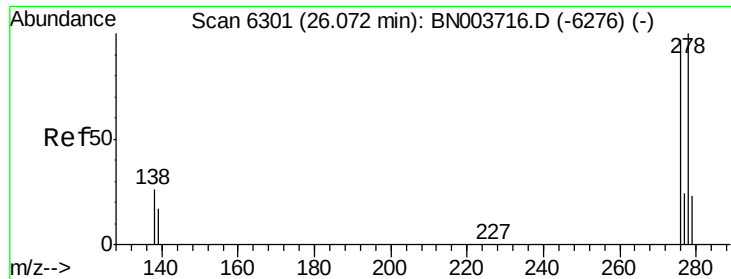
Abundance

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: 0.362 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. 0.01 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

Instrument :

BNA_N

ClientSampleId :

DFTPP69

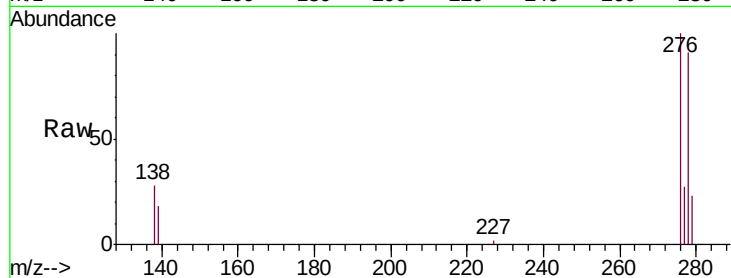
Tgt Ion:278 Resp: 19717

Ion Ratio Lower Upper

278 100

139 19.7 14.2 21.4

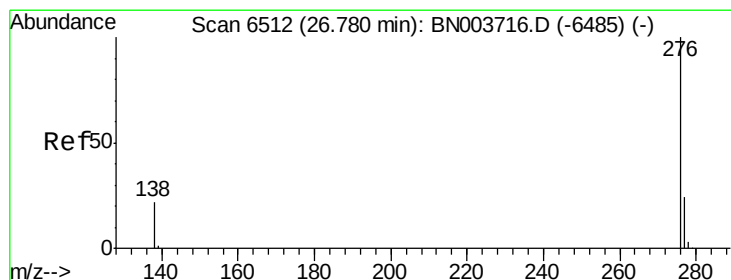
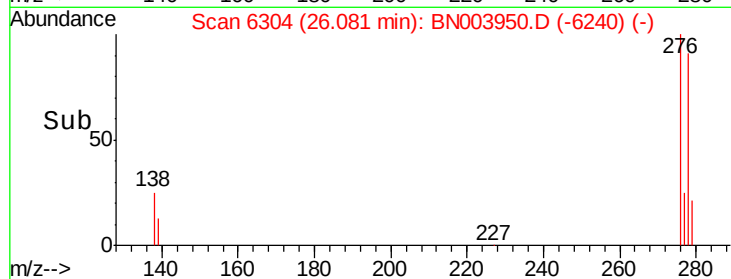
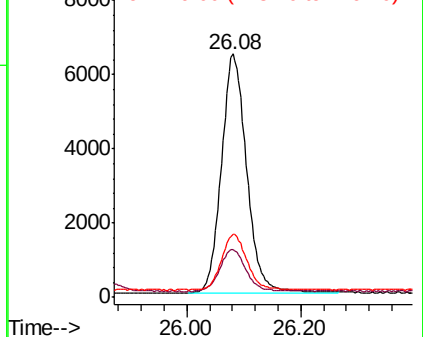
279 25.7 19.8 29.6



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: 0.340 ng/ul

RT: 26.80 min Scan# 6518

Delta R.T. 0.02 min

Lab File: BN003950.D

Acq: 15 Dec 2018 09:48

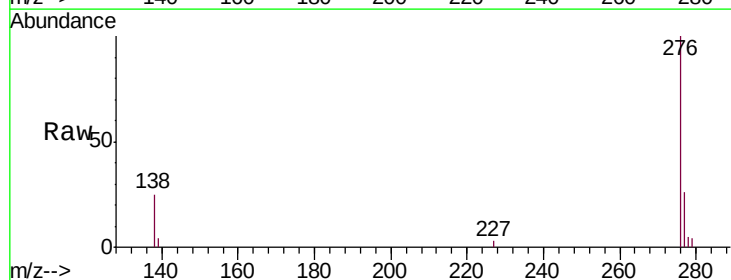
Tgt Ion:276 Resp: 19982

Ion Ratio Lower Upper

276 100

138 24.6 17.7 26.5

277 25.8 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

