

Data File : BN003804.D
Acq On : 11 Dec 2018 06:34
Operator : JU/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.496

Quant Time: Dec 11 08:14:54 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5914	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	22674	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10204	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	19027	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16411	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17782	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	13194	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	20893	0.38	ng/ul	0.00

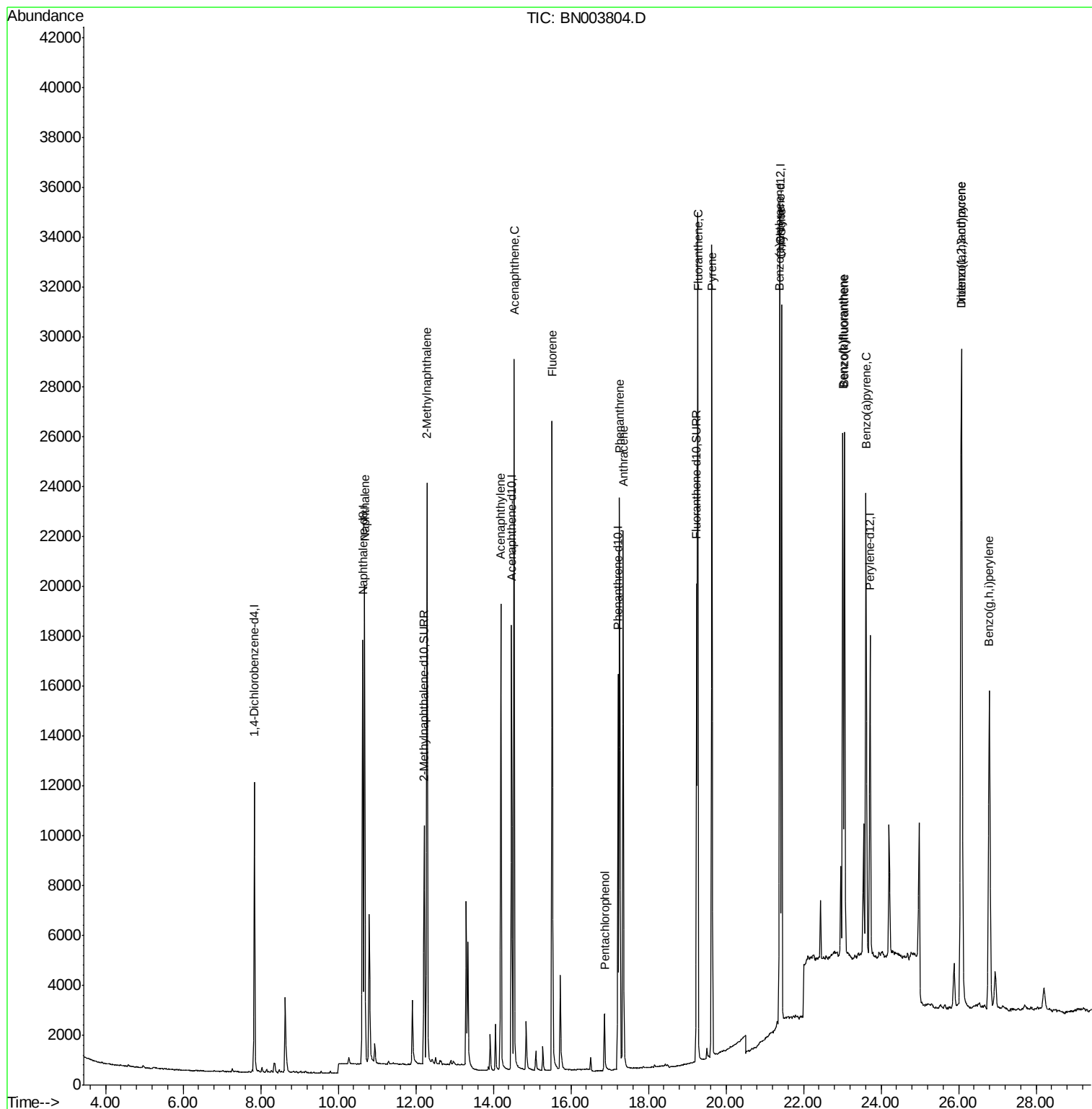
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	26095	0.410	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	17350	0.390	ng/ul	99
7) Acenaphthylene	14.20	152	22192	0.483	ng/ul	100
8) Acenaphthene	14.53	153	16737	0.416	ng/ul	99
9) Fluorene	15.52	166	17657	0.376	ng/ul	98
11) Pentachlorophenol	16.87	266	1898	0.554	ng/ul	100
12) Phenanthrene	17.26	178	25608	0.410	ng/ul	99
13) Anthracene	17.35	178	24408	0.476	ng/ul	100
15) Fluoranthene	19.27	202	27820	0.377	ng/ul	99
17) Pyrene	19.64	202	27892	0.474	ng/ul	99
18) Benzo(a)anthracene	21.38	228	25721	0.496	ng/ul	96
19) Chrysene	21.43	228	24563	0.414	ng/ul	97
21) Benzo(b)fluoranthene	23.01	252	26782	0.364	ng/ul	88
22) Benzo(k)fluoranthene	23.06	252	26800	0.374	ng/ul#	88
23) Benzo(a)pyrene	23.61	252	26250	0.412	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.06	276	33017	0.452	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.08	278	26386	0.449	ng/ul#	90
26) Benzo(g,h,i)perylene	26.79	276	27957	0.440	ng/ul	93

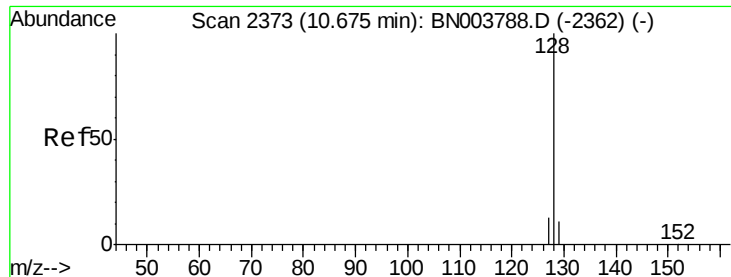
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 08:14:54 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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#3

Naphthalene

Concen: 0.410 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.496

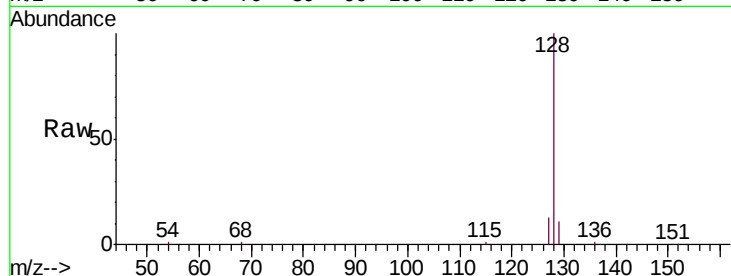
Tgt Ion:128 Resp: 26095

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

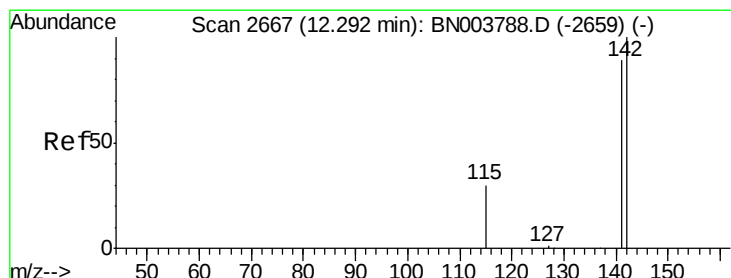
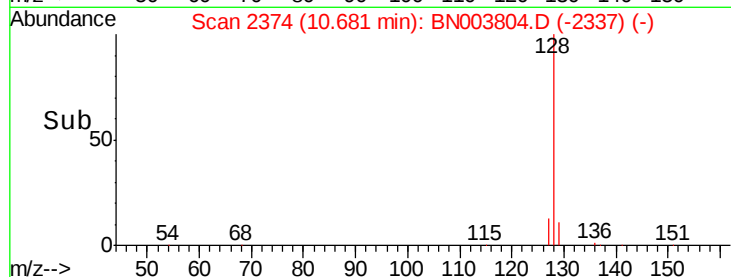
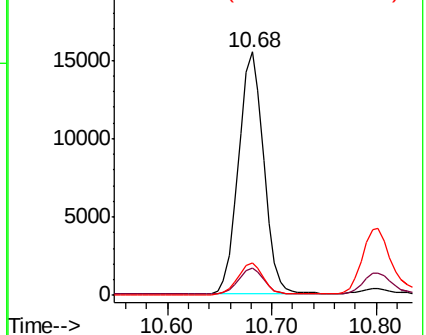
127 13.1 10.5 15.7



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: 0.390 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003804.D

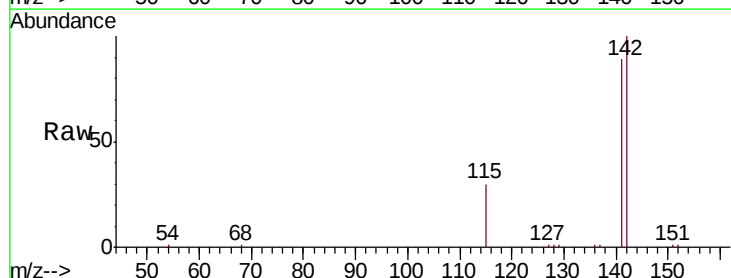
Acq: 11 Dec 2018 06:34

Tgt Ion:142 Resp: 17350

Ion Ratio Lower Upper

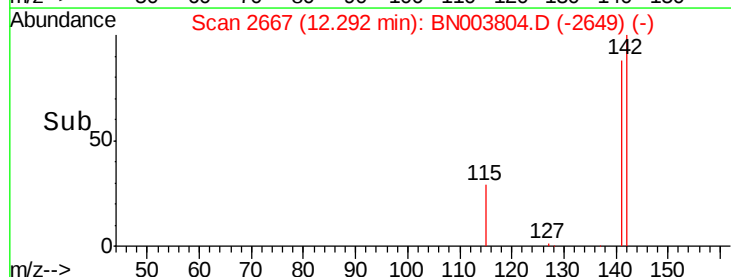
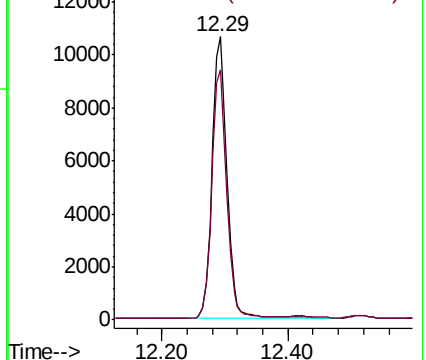
142 100

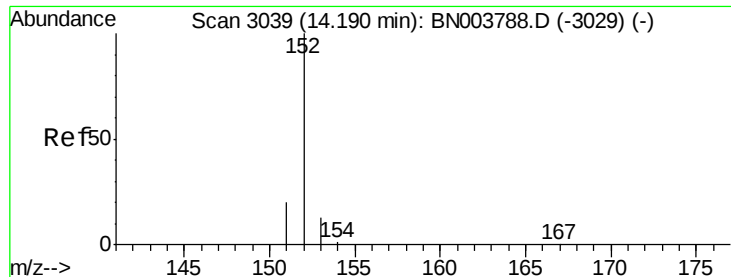
141 88.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.483 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.496

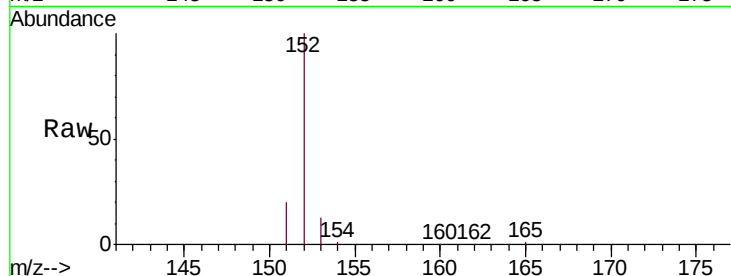
Tgt Ion:152 Resp: 22192

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

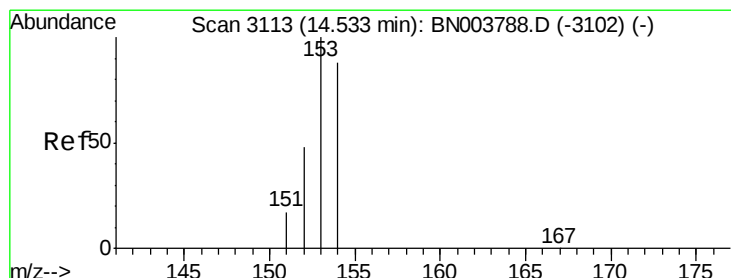
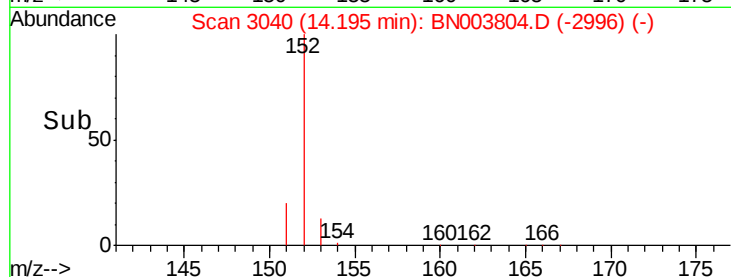
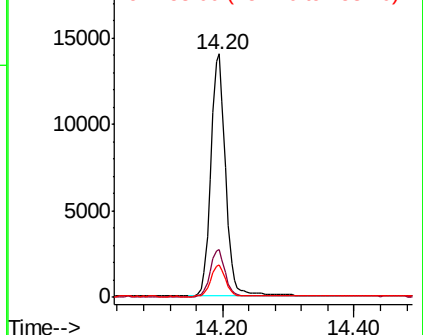
153 13.3 10.7 16.1



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: 0.416 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

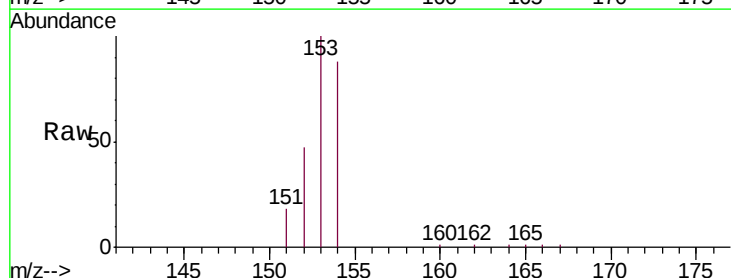
Tgt Ion:153 Resp: 16737

Ion Ratio Lower Upper

153 100

152 47.4 39.3 58.9

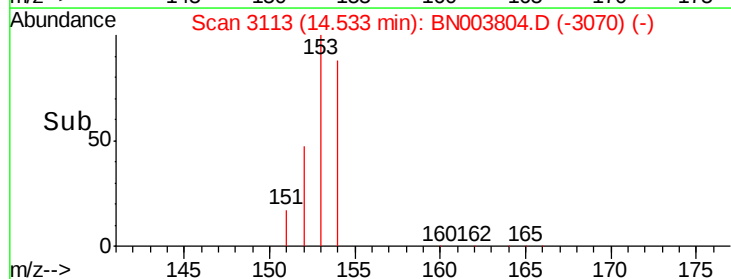
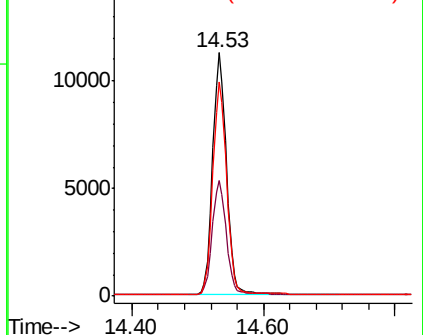
154 87.9 70.3 105.5

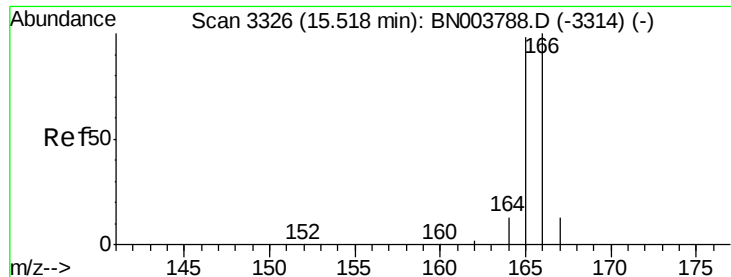


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.376 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.496

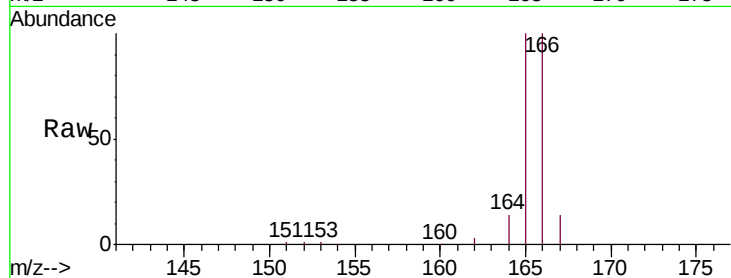
Tgt Ion:166 Resp: 17657

Ion Ratio Lower Upper

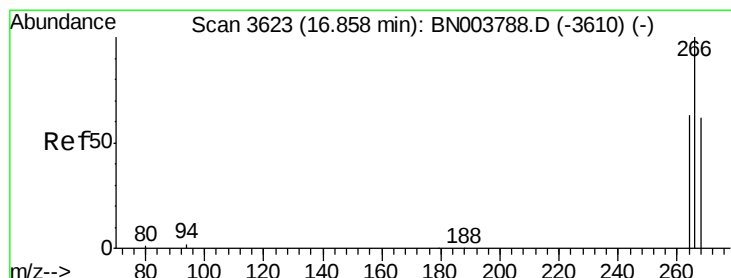
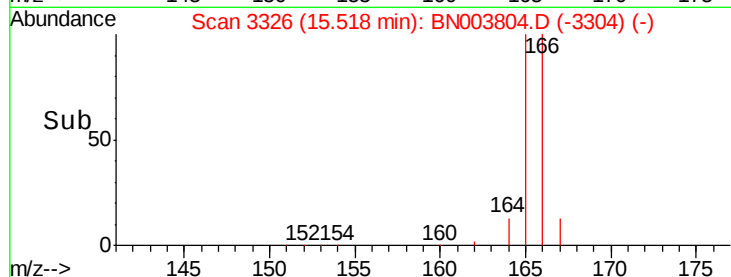
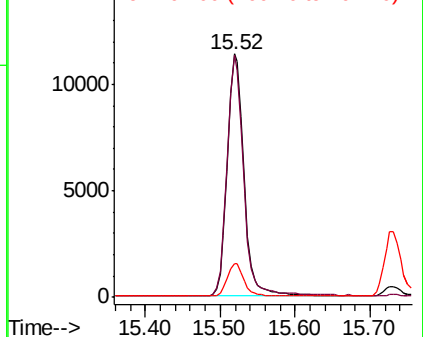
166 100

165 99.7 78.3 117.5

167 13.6 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: 0.554 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

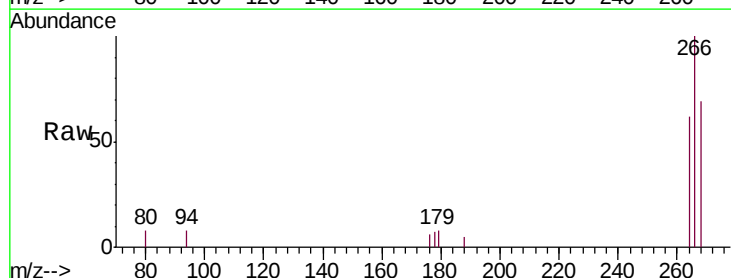
Tgt Ion:266 Resp: 1898

Ion Ratio Lower Upper

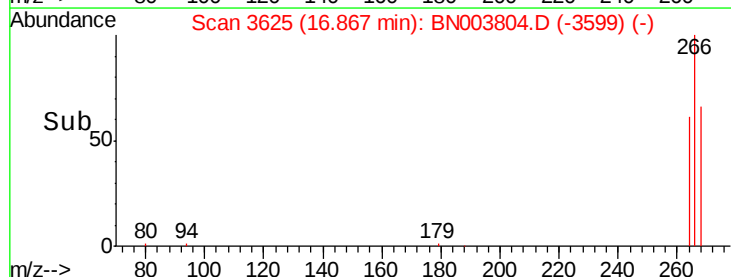
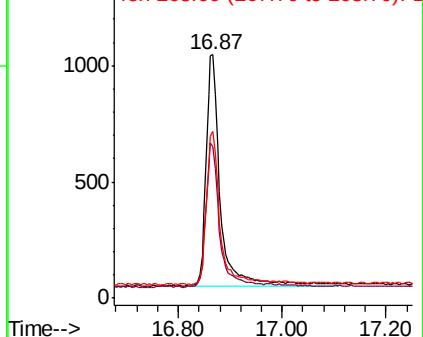
266 100

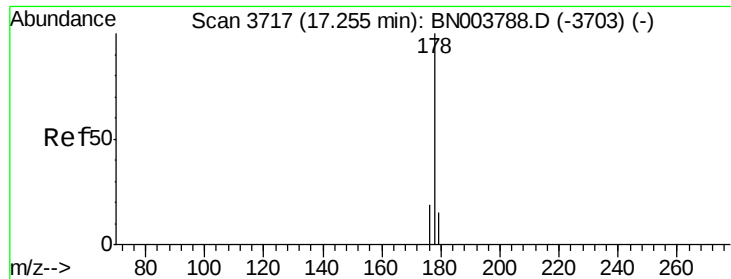
264 61.9 49.4 74.2

268 64.6 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: 0.410 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.496

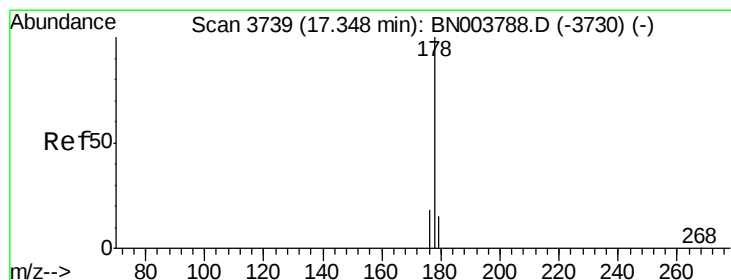
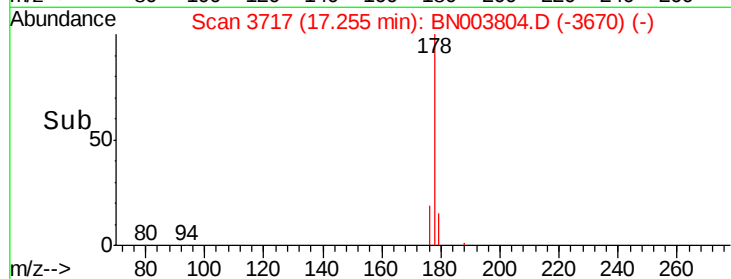
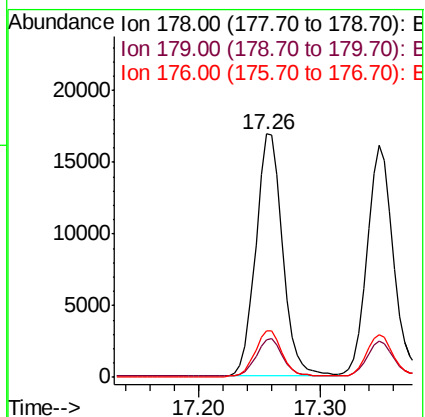
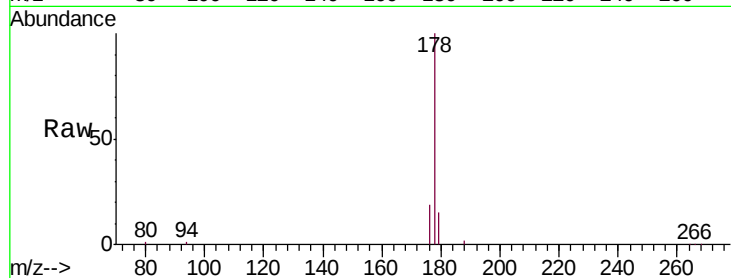
Tgt Ion:178 Resp: 25608

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.1 15.0 22.4



#13

Anthracene

Concen: 0.476 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

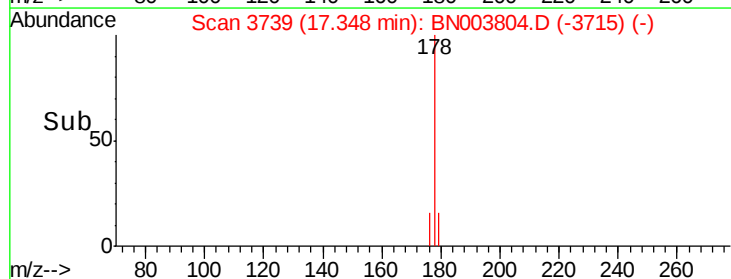
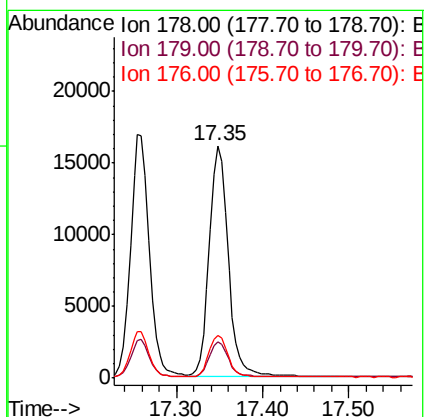
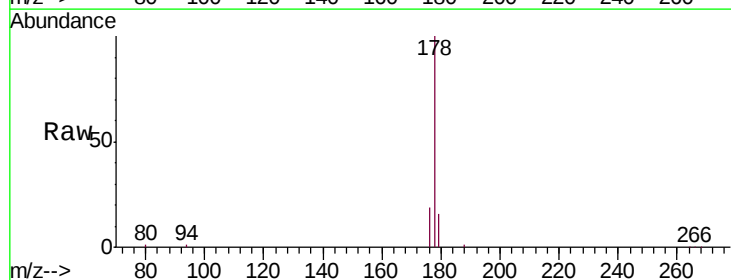
Tgt Ion:178 Resp: 24408

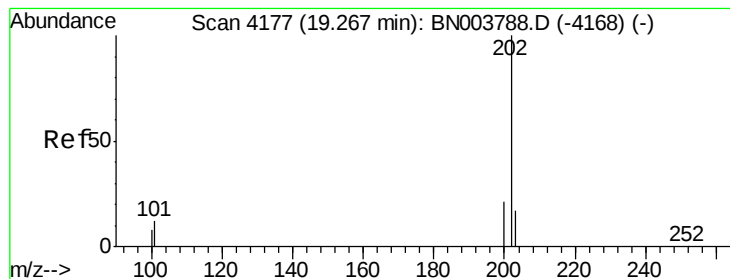
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 18.5 14.8 22.2





#15

Fluoranthene

Concen: 0.377 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.496

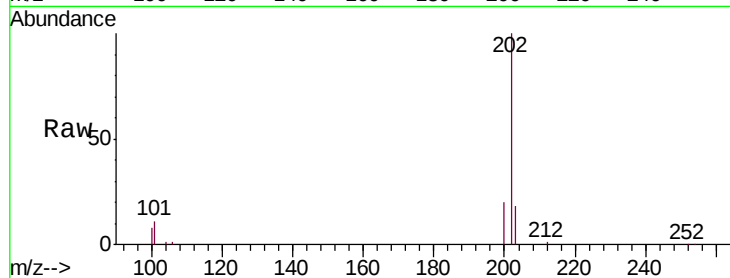
Tgt Ion:202 Resp: 27820

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

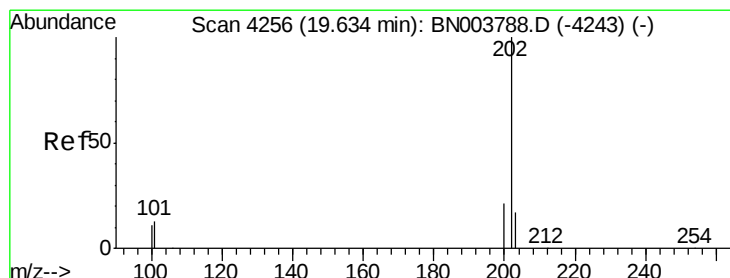
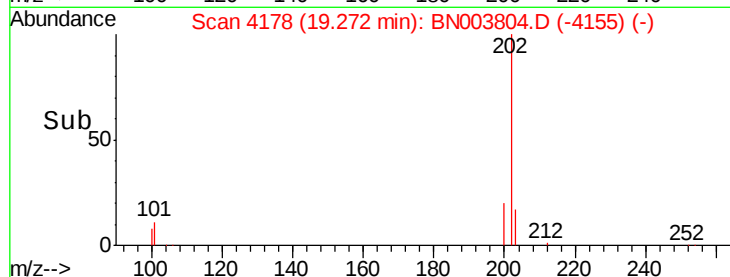
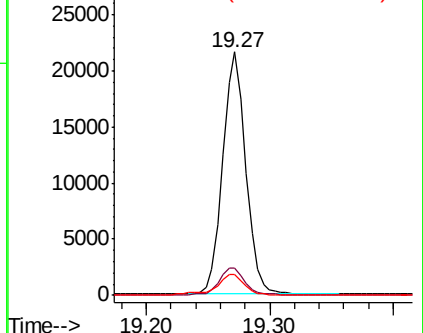
100 8.4 0.0 28.1



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: 0.474 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

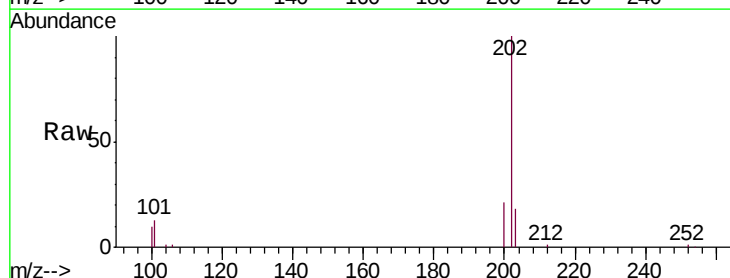
Tgt Ion:202 Resp: 27892

Ion Ratio Lower Upper

202 100

101 12.8 10.3 15.5

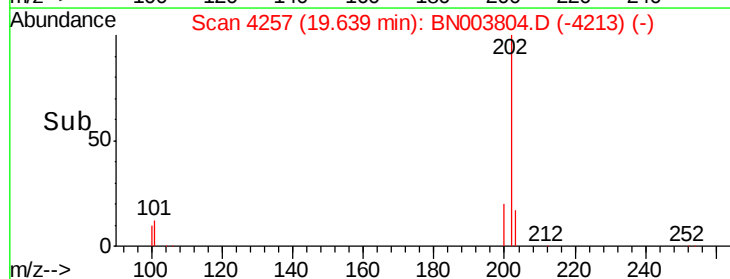
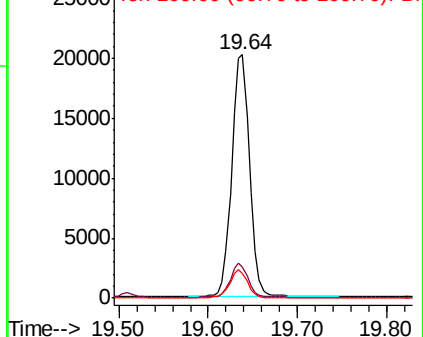
100 10.2 8.5 12.7

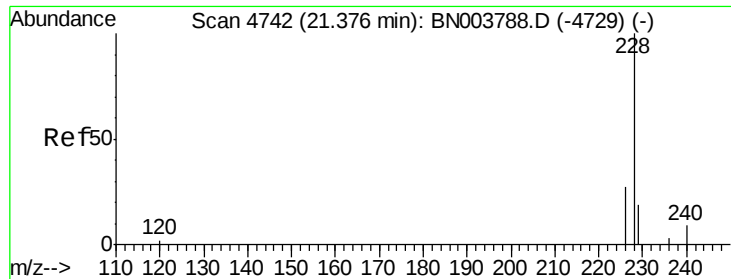


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.496 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

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SSTD0.496

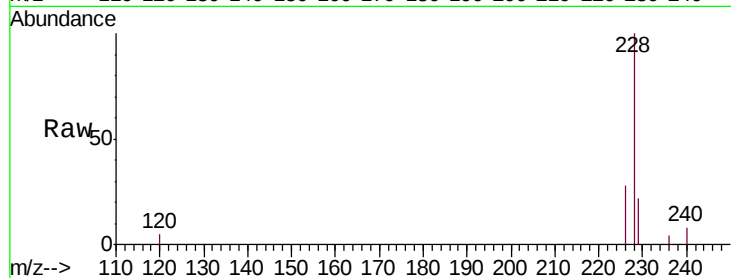
Tgt Ion:228 Resp: 25721

Ion Ratio Lower Upper

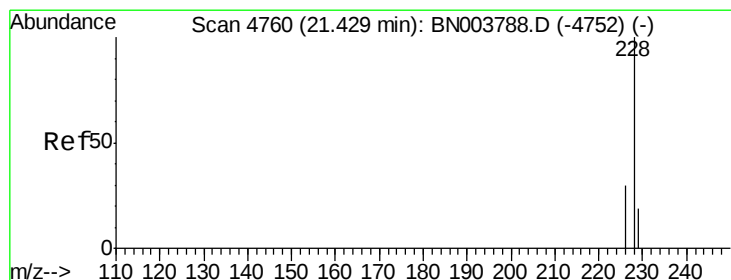
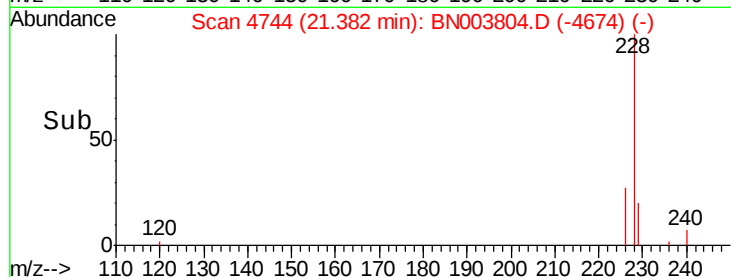
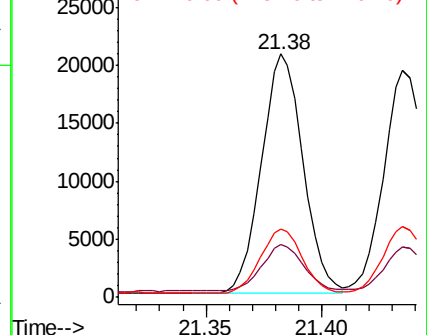
228 100

229 21.6 15.6 23.4

226 28.1 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: 0.414 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

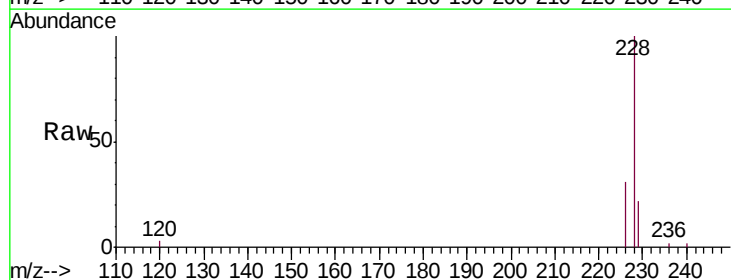
Tgt Ion:228 Resp: 24563

Ion Ratio Lower Upper

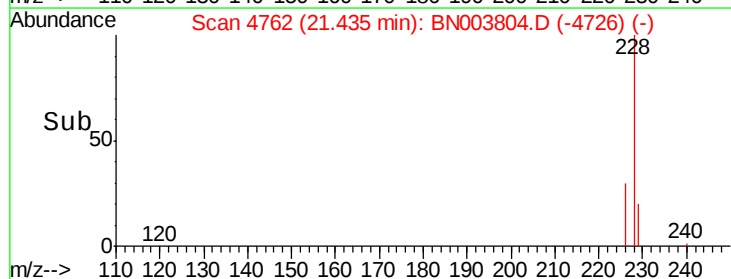
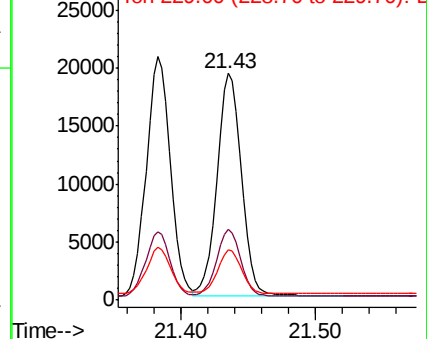
228 100

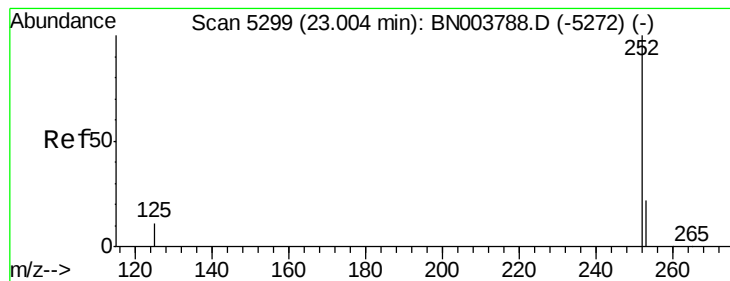
226 31.0 24.0 36.0

229 22.0 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: 0.364 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.496

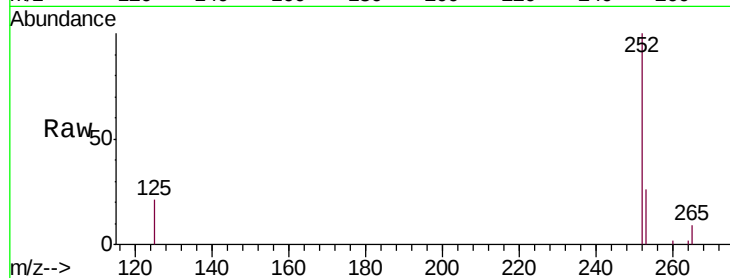
Tgt Ion:252 Resp: 26782

Ion Ratio Lower Upper

252 100

253 25.9 0.0 46.0

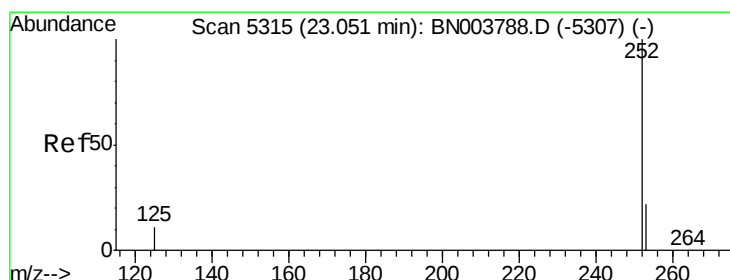
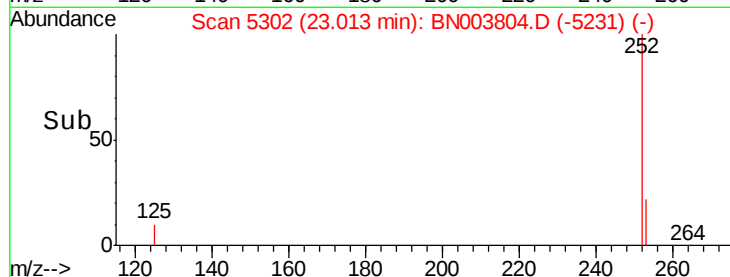
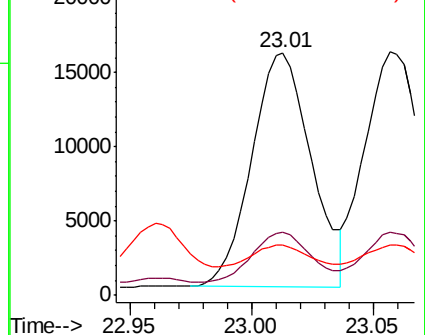
125 20.6 0.0 22.4



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: 0.374 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

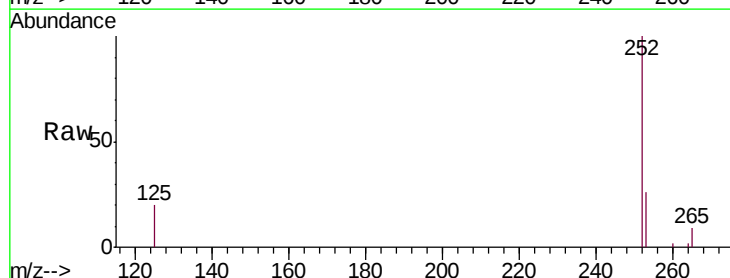
Tgt Ion:252 Resp: 26800

Ion Ratio Lower Upper

252 100

253 25.8 18.5 27.7

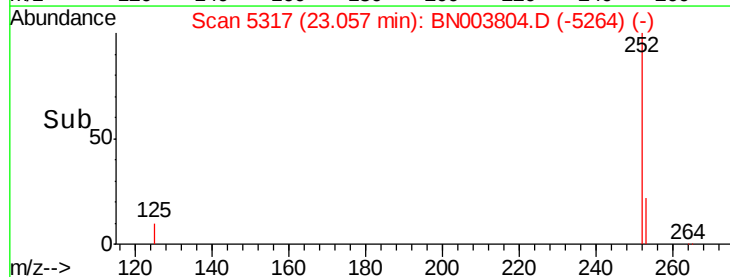
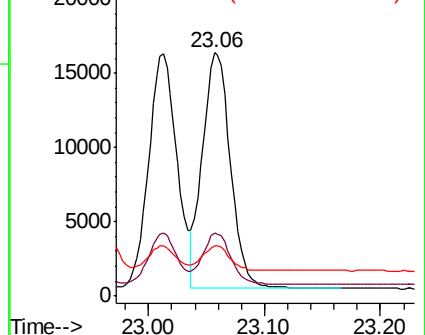
125 20.4 9.0 13.6#

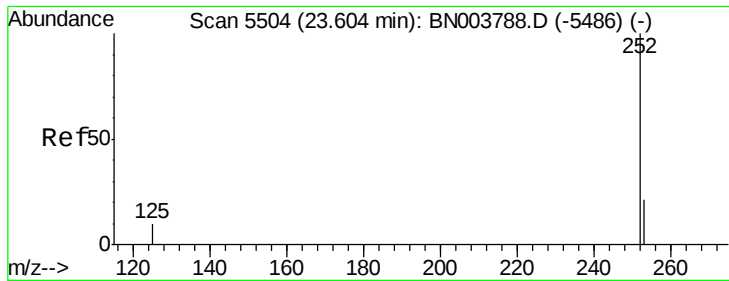


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.412 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

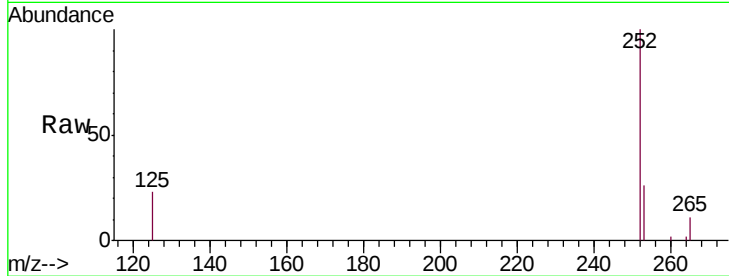
Instrument :

BNA_N

ClientSampleId :

SSTD0.496

Tgt Ion:	252	Resp:	26250
Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.0	28.4
125	23.5	10.2	15.4#

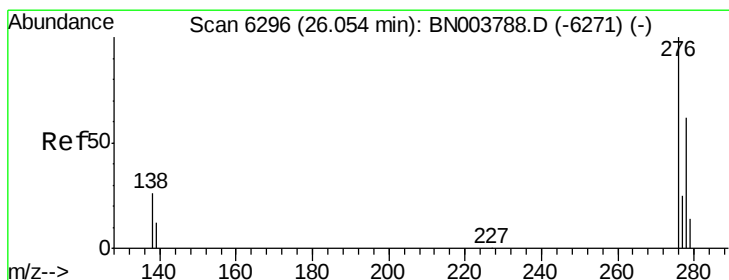
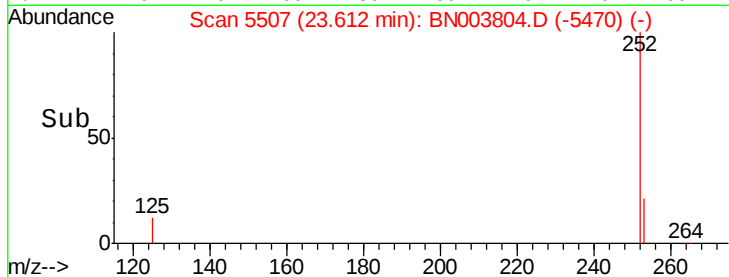
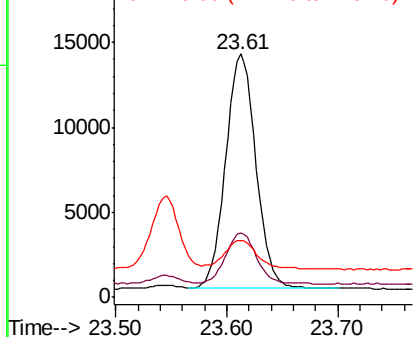


Abundance

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: 0.452 ng/ul

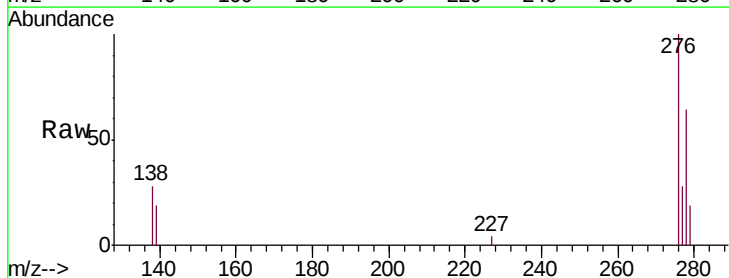
RT: 26.06 min Scan# 6299

Delta R.T. 0.01 min

Lab File: BN003804.D

Acq: 11 Dec 2018 06:34

Tgt Ion:	276	Resp:	33017
Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.3	30.5
227	0.2	0.2	0.2#

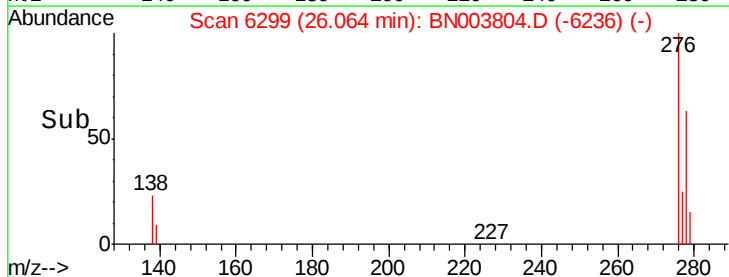
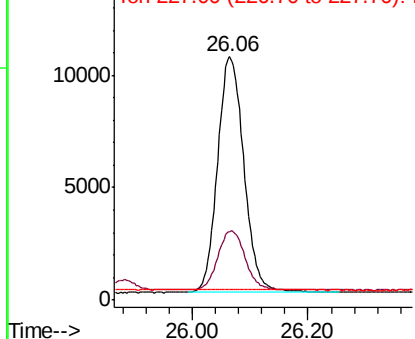


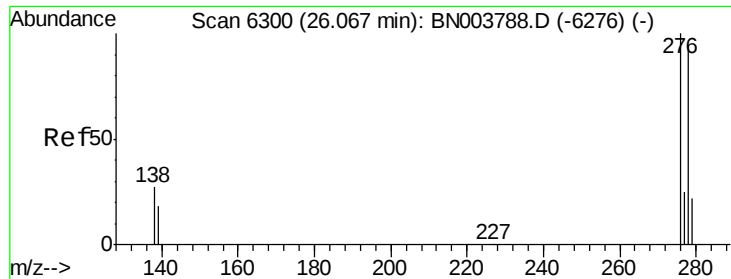
Abundance

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

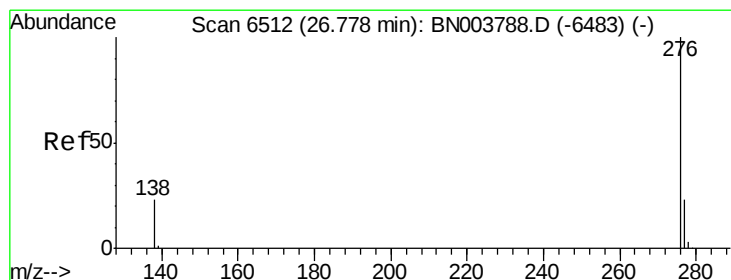
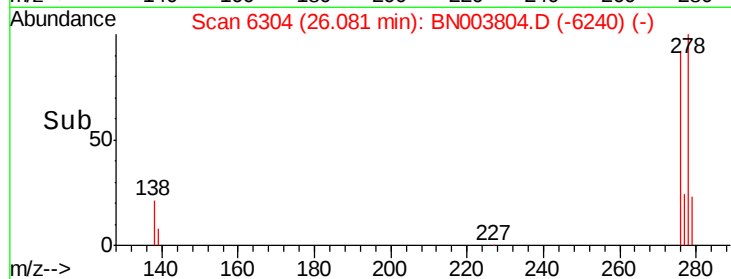
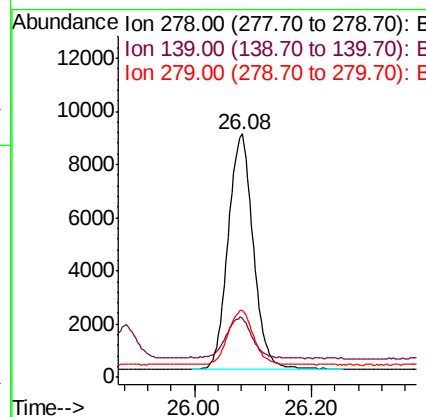
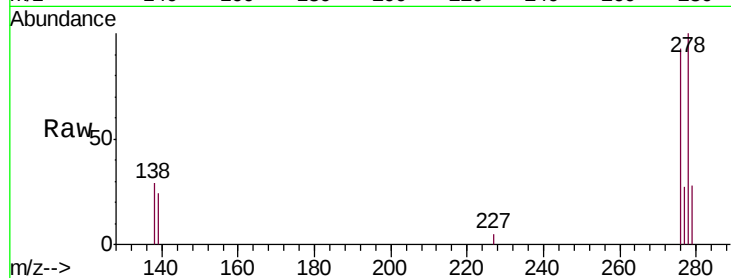




#25
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.08 min Scan# 6304
Delta R.T. 0.01 min
Lab File: BN003804.D
Acq: 11 Dec 2018 06:34

Instrument :
BNA_N
ClientSampleId :
SSTD0.496

Tgt Ion: 278 Resp: 26386
Ion Ratio Lower Upper
278 100
139 24.4 14.2 21.4#
279 27.7 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 26.79 min Scan# 6516
Delta R.T. 0.01 min
Lab File: BN003804.D
Acq: 11 Dec 2018 06:34

Tgt Ion: 276 Resp: 27957
Ion Ratio Lower Upper
276 100
138 26.1 17.7 26.5
277 27.0 19.3 28.9

