

Data File : BN003622.D
Acq On : 20 Nov 2018 07:31
Operator : MJ/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.470

Quant Time: Nov 20 08:29:06 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 Nov 20 03:27:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5728	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	23069	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	12661	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	30380	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	33467	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	31230	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	14321	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	36279	0.41	ng/ul	0.00

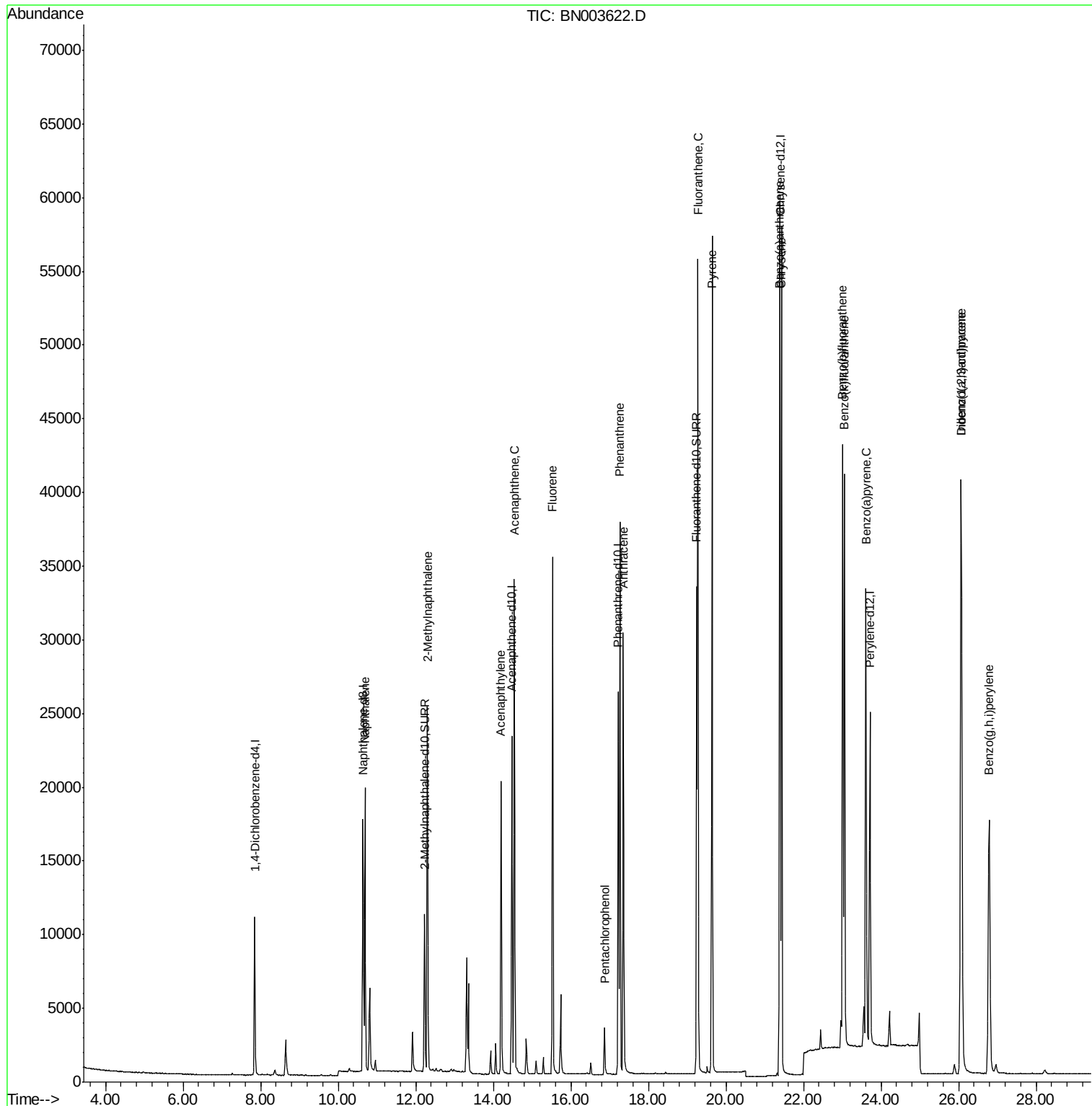
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.69	128	25968	0.401	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	18457	0.408	ng/ul	99
7) Acenaphthylene	14.20	152	23705	0.416	ng/ul	100
8) Acenaphthene	14.54	153	20042	0.401	ng/ul	99
9) Fluorene	15.53	166	23129	0.397	ng/ul	100
11) Pentachlorophenol	16.87	266	2554	0.467	ng/ul	99
12) Phenanthrene	17.26	178	39825	0.399	ng/ul	100
13) Anthracene	17.35	178	34102	0.416	ng/ul	100
15) Fluoranthene	19.28	202	47585	0.404	ng/ul	99
17) Pyrene	19.64	202	47328	0.394	ng/ul	99
18) Benzo(a)anthracene	21.38	228	45100	0.427	ng/ul	99
19) Chrysene	21.43	228	47663	0.394	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	50950	0.394	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	49706	0.395	ng/ul	99
23) Benzo(a)pyrene	23.61	252	45217	0.404	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	48229	0.376	ng/ul	99
25) Dibenzo(a,h)anthracene	26.07	278	38992	0.378	ng/ul	99
26) Benzo(g,h,i)perylene	26.79	276	39949	0.358	ng/ul	100

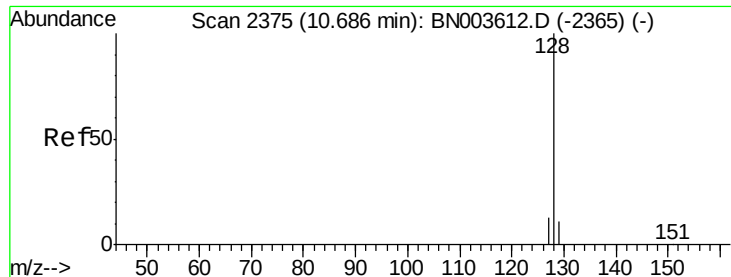
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

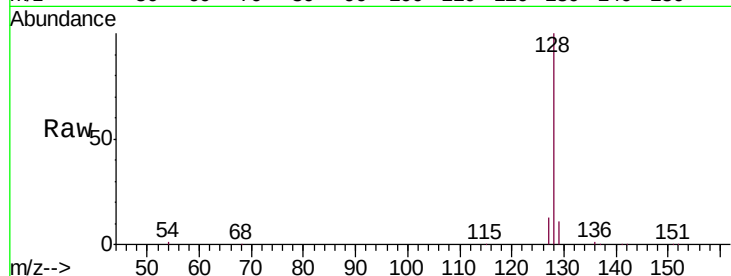
Tgt Ion:128 Resp: 25968

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

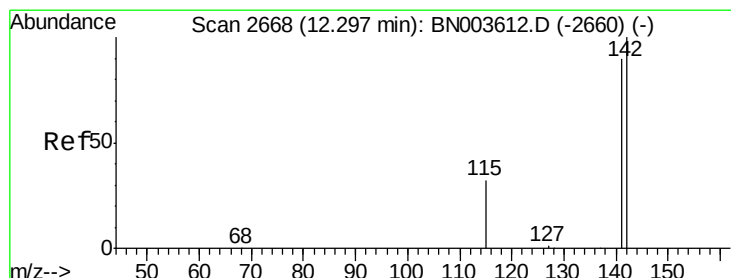
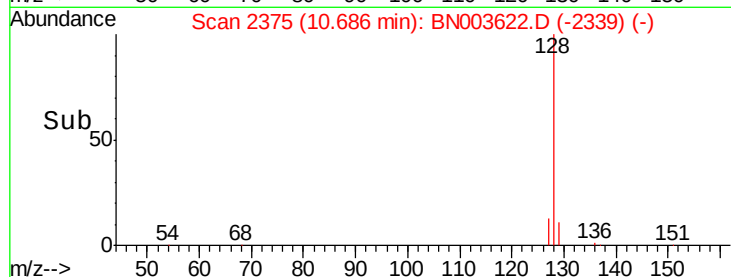
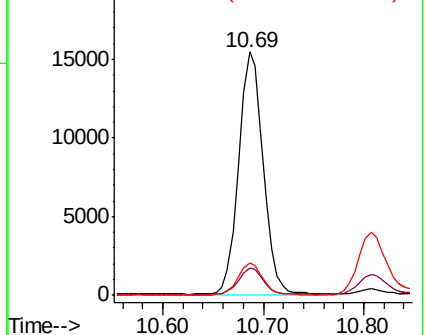
127 13.3 10.5 15.7



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: 0.408 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.00 min

Lab File: BN003622.D

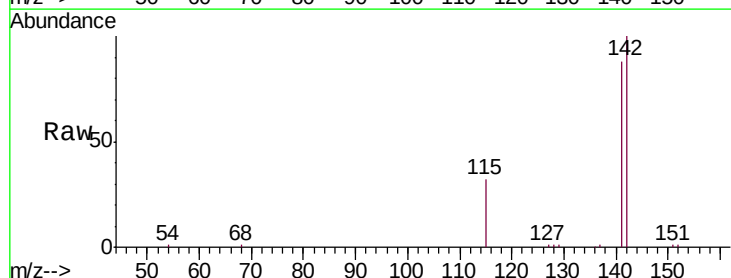
Acq: 20 Nov 2018 07:31

Tgt Ion:142 Resp: 18457

Ion Ratio Lower Upper

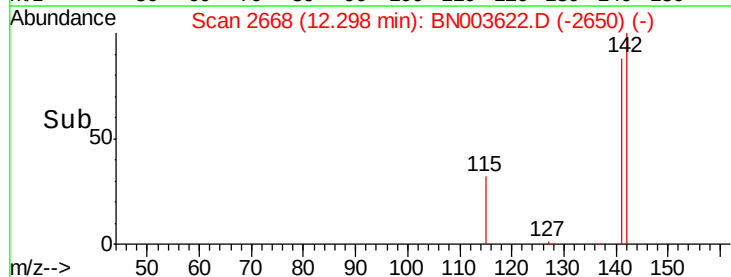
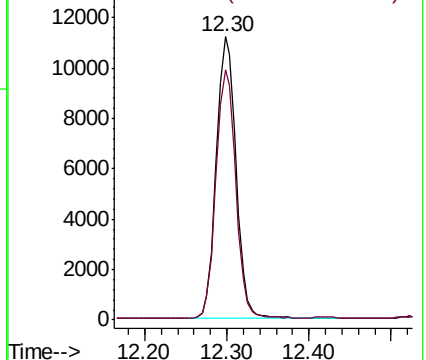
142 100

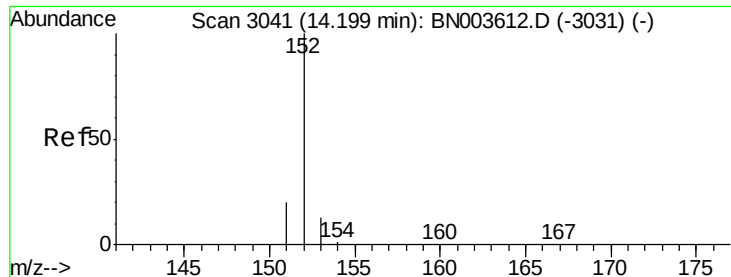
141 88.8 71.5 107.3



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: BN003622.D

Acq: 20 Nov 2018 07:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

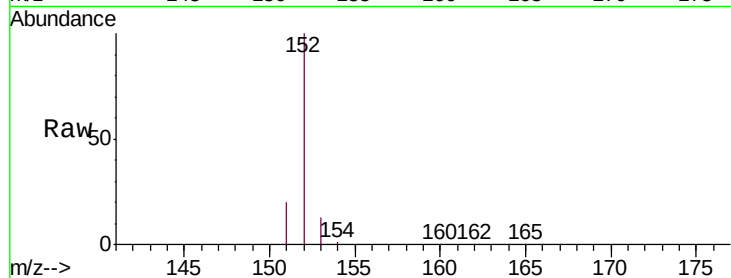
Tgt Ion:152 Resp: 23705

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

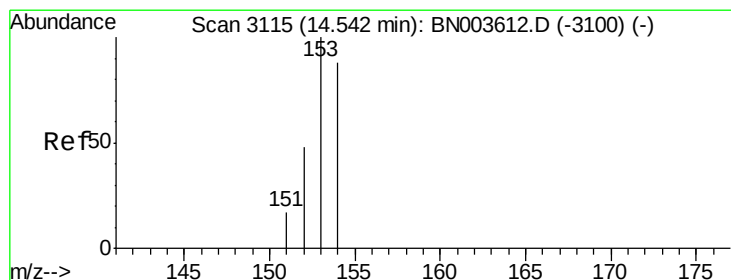
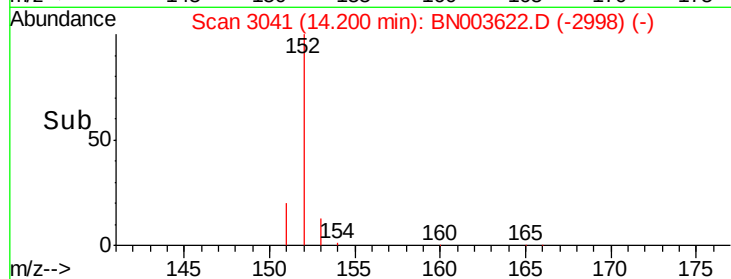
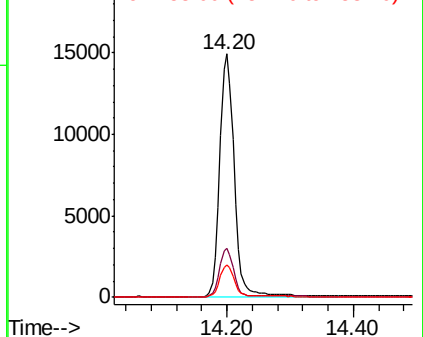
153 13.5 10.7 16.1



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: 0.401 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

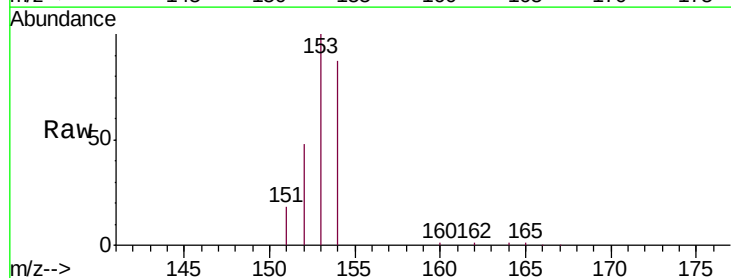
Tgt Ion:153 Resp: 20042

Ion Ratio Lower Upper

153 100

152 48.4 39.3 58.9

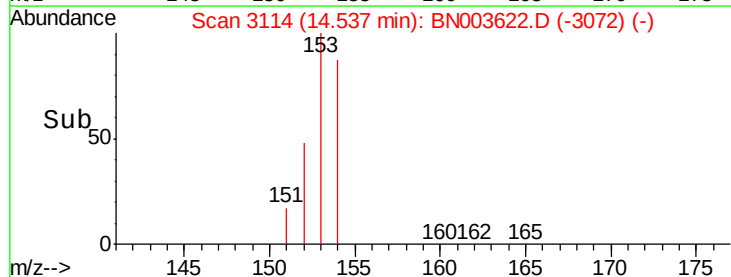
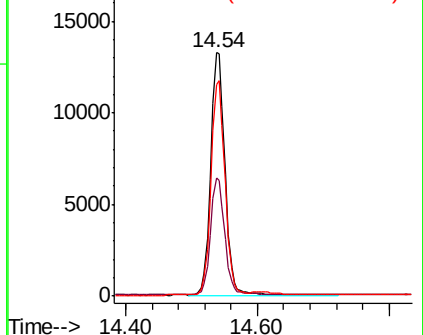
154 87.1 70.3 105.5

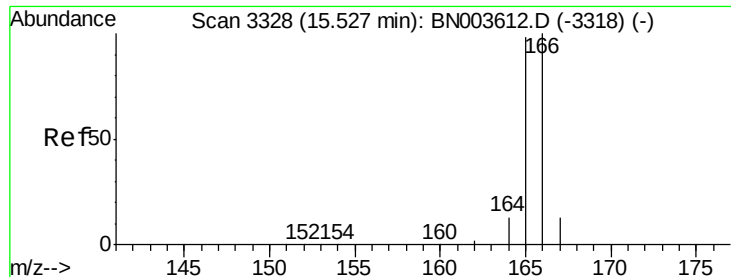


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.397 ng/ul

RT: 15.53 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

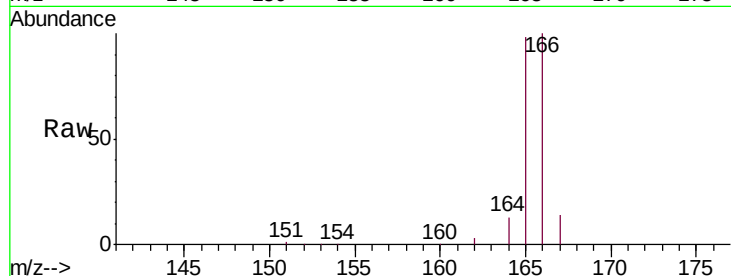
Tgt Ion:166 Resp: 23129

Ion Ratio Lower Upper

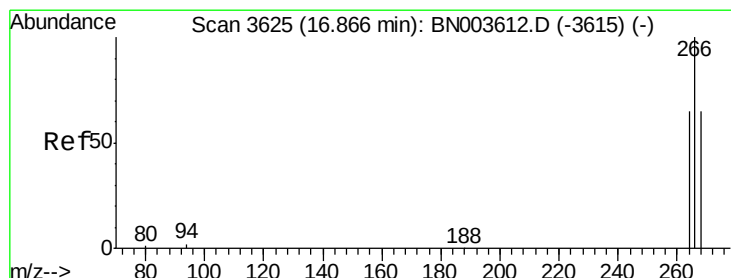
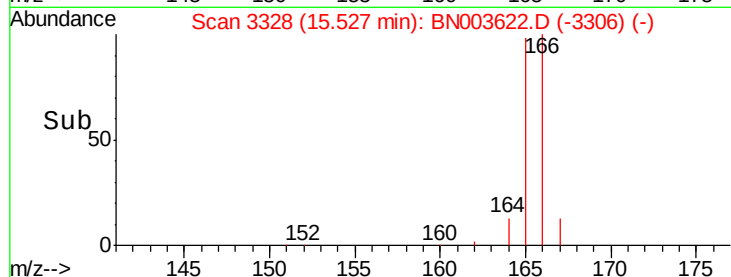
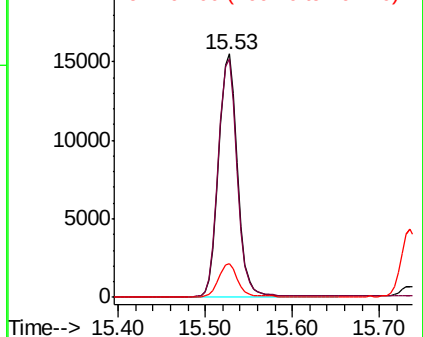
166 100

165 98.0 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: 0.467 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

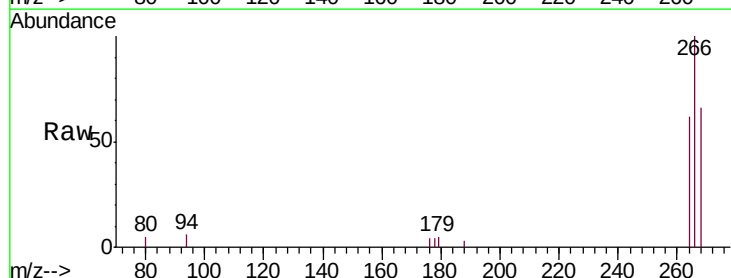
Tgt Ion:266 Resp: 2554

Ion Ratio Lower Upper

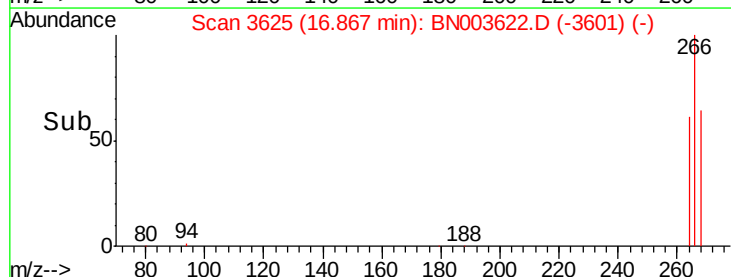
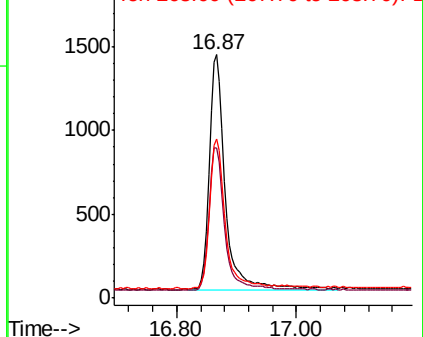
266 100

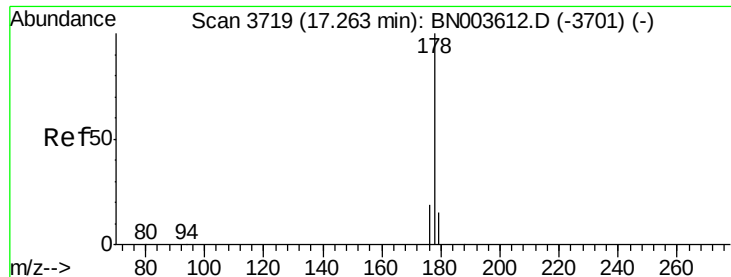
264 61.2 49.4 74.2

268 63.6 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

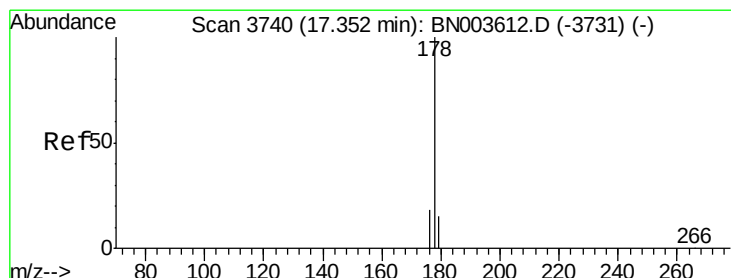
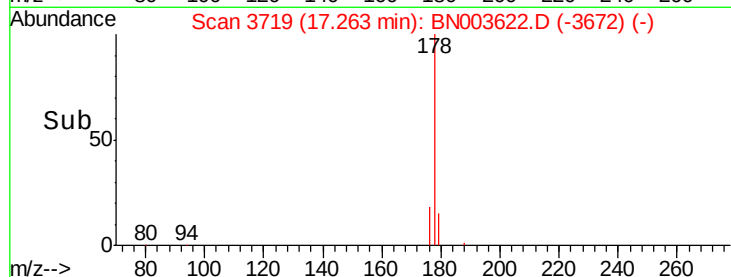
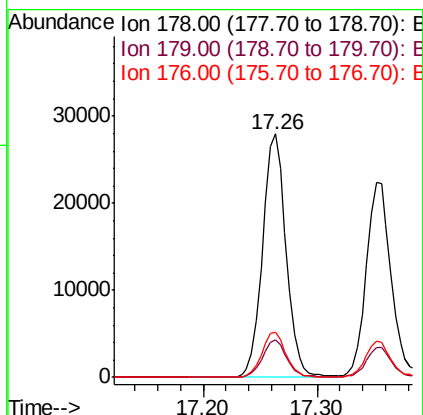
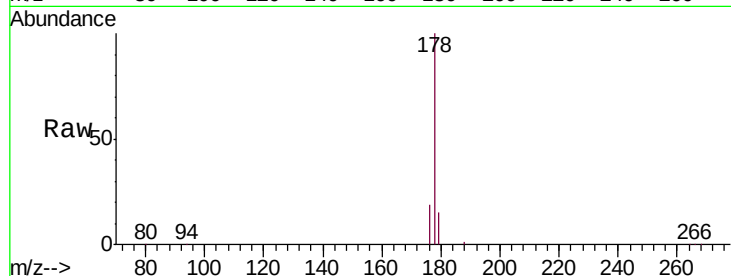




#12
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.26 min Scan# 3719
Delta R.T. 0.00 min
Lab File: BN003622.D
Acq: 20 Nov 2018 07:31

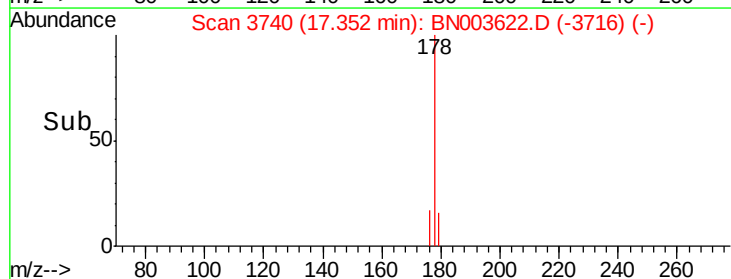
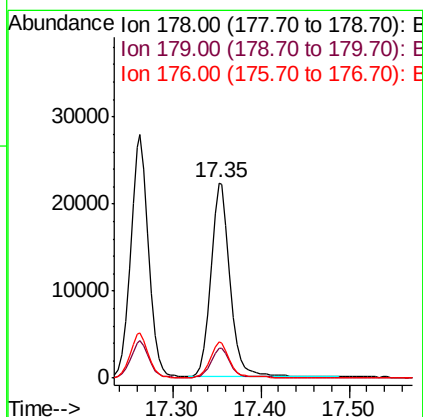
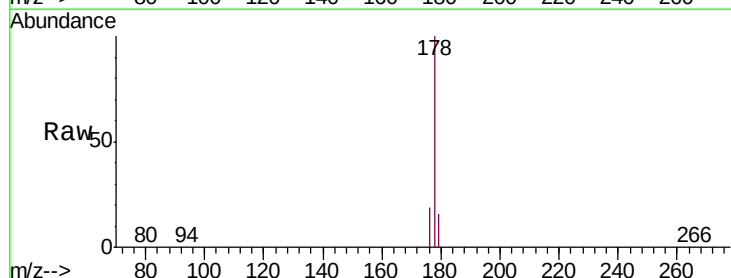
Instrument :
BNA_N
ClientSampleId :
SSTD0.470

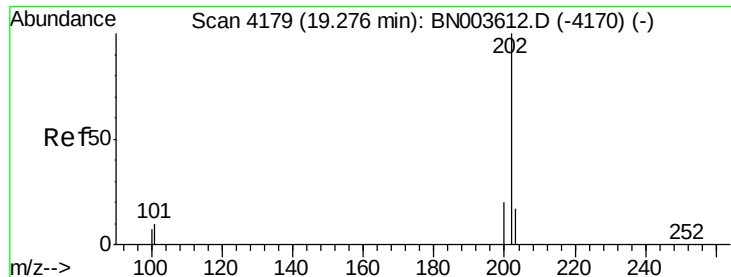
Tgt Ion:178 Resp: 39825
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.6 15.0 22.4



#13
Anthracene
Concen: 0.416 ng/ul
RT: 17.35 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BN003622.D
Acq: 20 Nov 2018 07:31

Tgt Ion:178 Resp: 34102
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.6 14.8 22.2





#15

Fluoranthene

Concen: 0.404 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

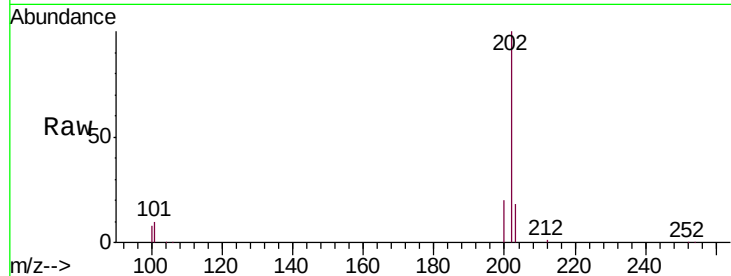
Tgt Ion:202 Resp: 47585

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.7

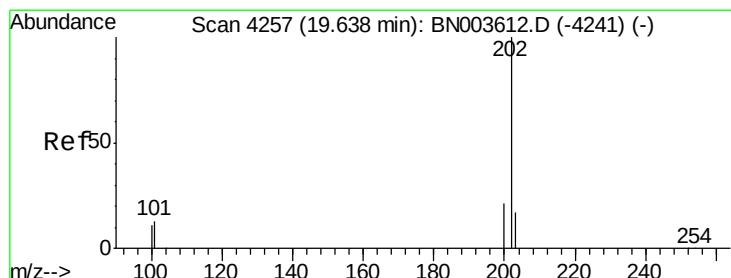
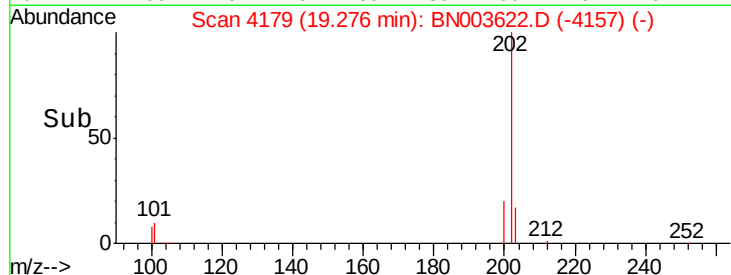
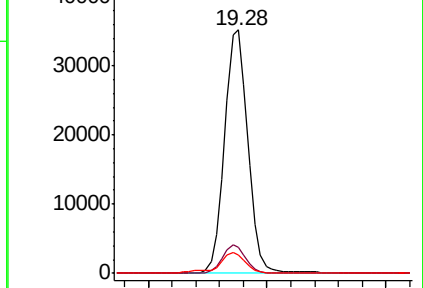
100 7.8 0.0 28.1



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: 0.394 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

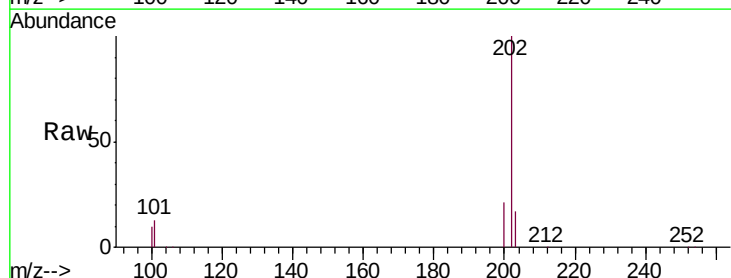
Tgt Ion:202 Resp: 47328

Ion Ratio Lower Upper

202 100

101 12.6 10.3 15.5

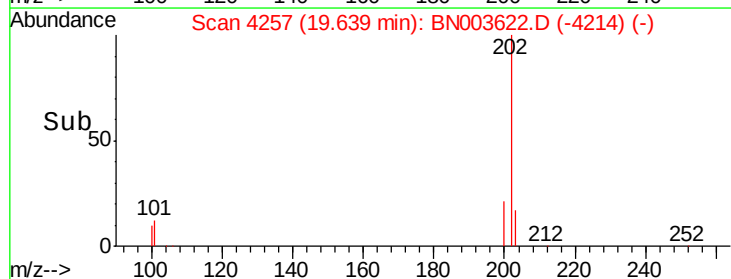
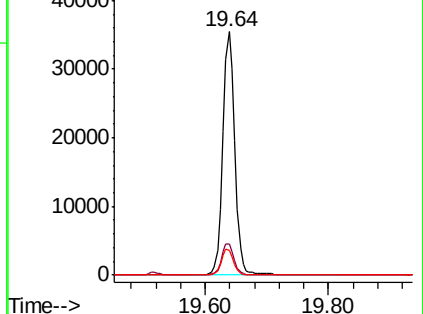
100 10.1 8.5 12.7

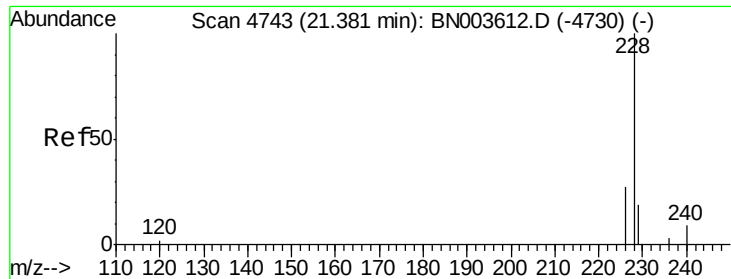


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.427 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.00 min

Lab File: BN003622.D

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ClientSampleId :

SSTD0.470

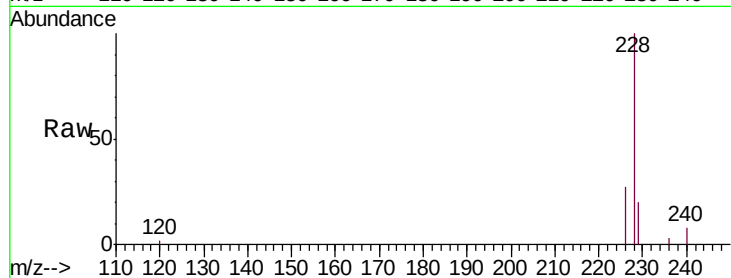
Tgt Ion:228 Resp: 45100

Ion Ratio Lower Upper

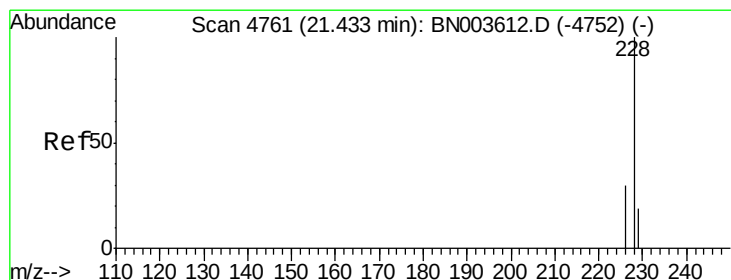
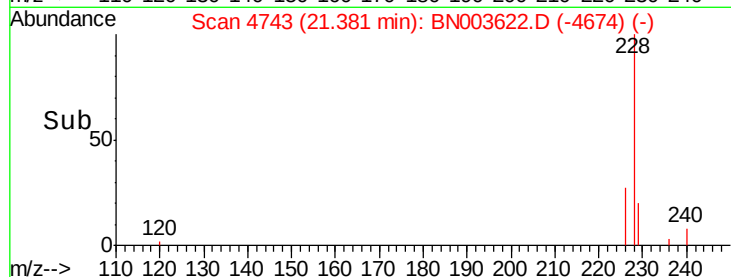
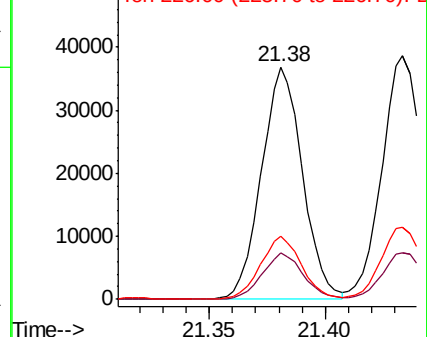
228 100

229 19.8 15.6 23.4

226 26.9 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: 0.394 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

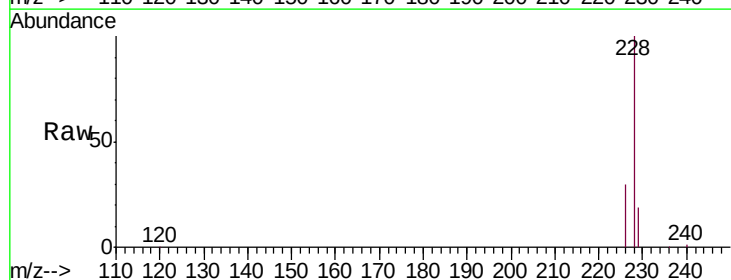
Tgt Ion:228 Resp: 47663

Ion Ratio Lower Upper

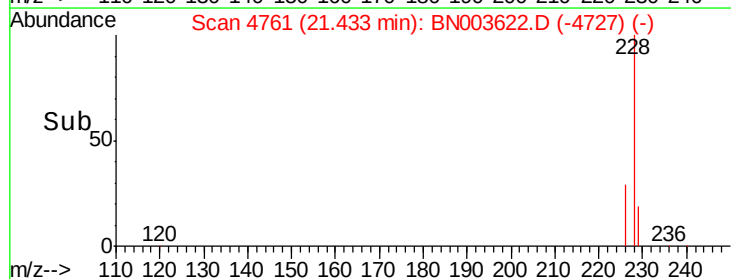
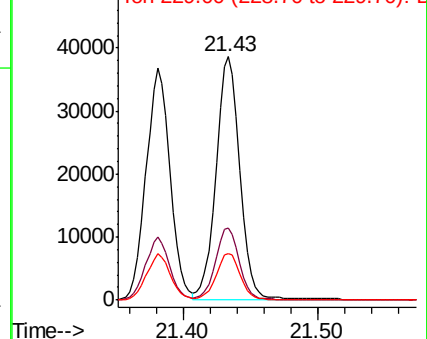
228 100

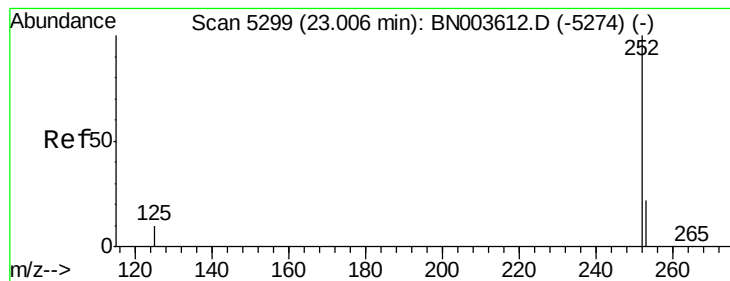
226 29.6 24.0 36.0

229 19.3 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: 0.394 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

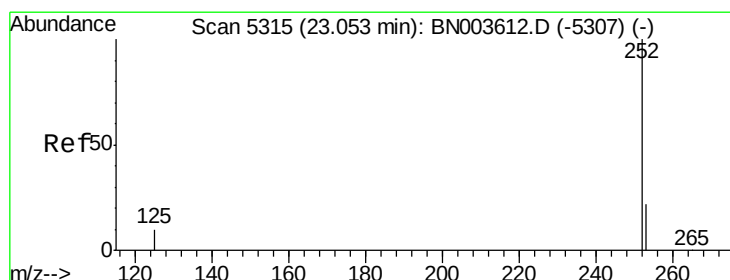
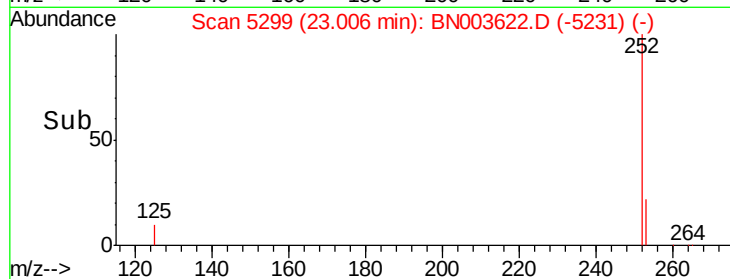
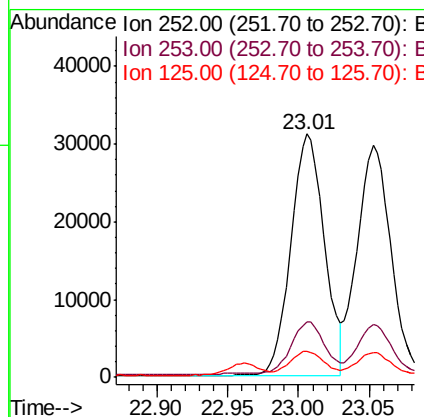
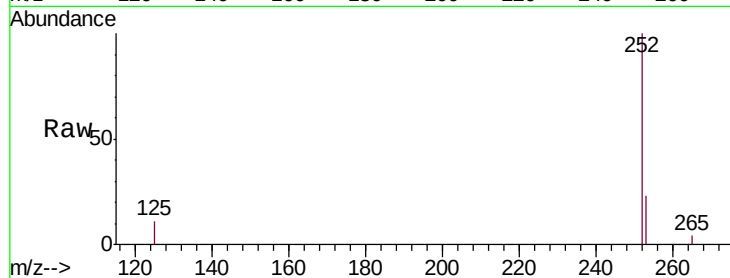
Instrument :

BNA_N

ClientSampleId :

SSTD0.470

Tgt Ion:	252	Resp:	50950
Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	46.0
125	10.9	0.0	22.4



#22

Benzo(k)fluoranthene

Concen: 0.395 ng/ul

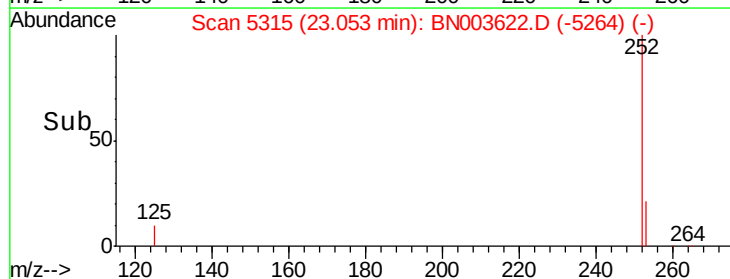
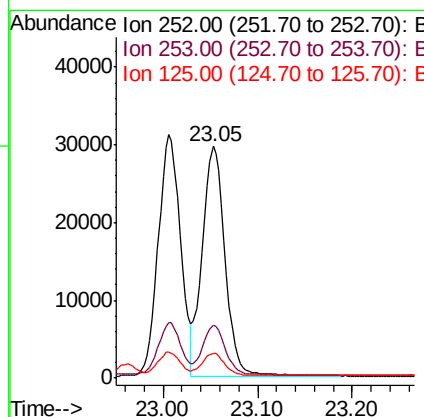
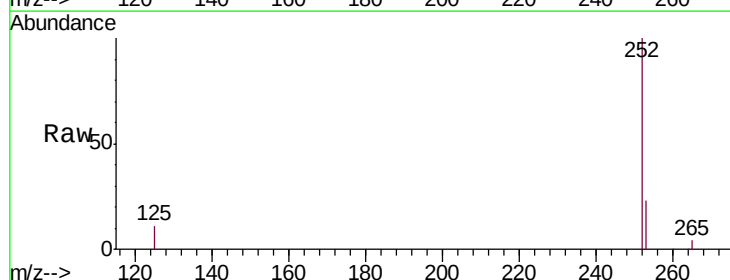
RT: 23.05 min Scan# 5315

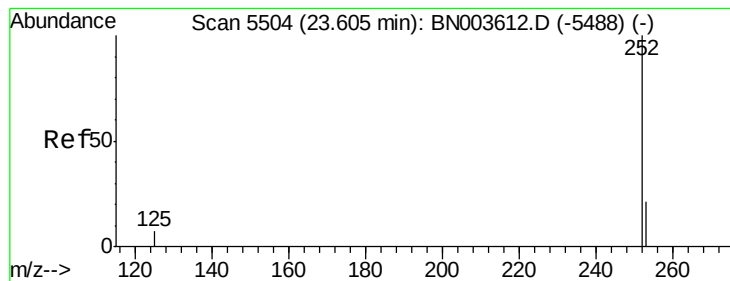
Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

Tgt Ion:	252	Resp:	49706
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	10.8	9.0	13.6





#23

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.61 min Scan# 5504

Delta R.T. 0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

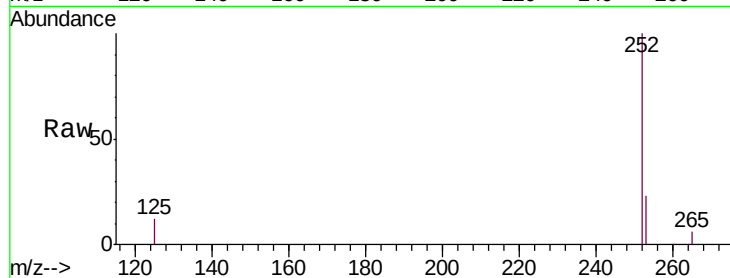
Tgt Ion:252 Resp: 45217

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.4

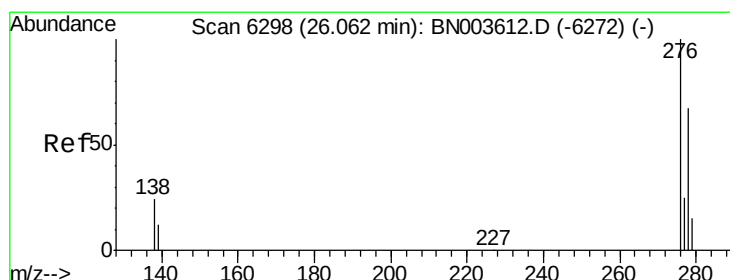
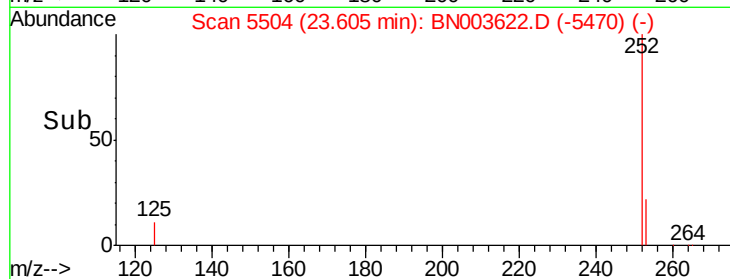
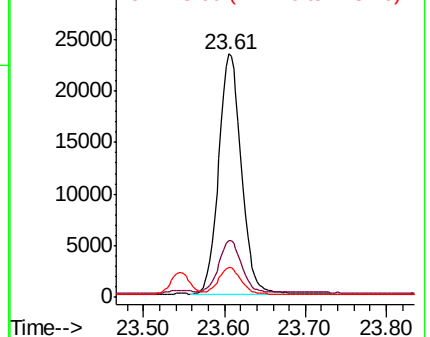
125 12.2 10.2 15.4



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: 0.376 ng/ul

RT: 26.06 min Scan# 6297

Delta R.T. -0.00 min

Lab File: BN003622.D

Acq: 20 Nov 2018 07:31

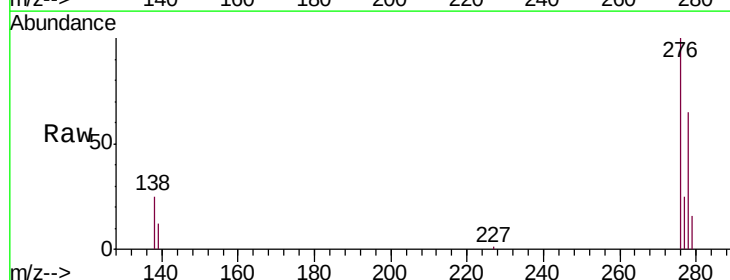
Tgt Ion:276 Resp: 48229

Ion Ratio Lower Upper

276 100

138 24.8 20.3 30.5

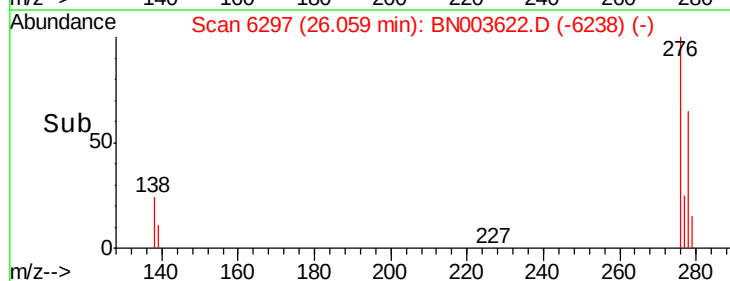
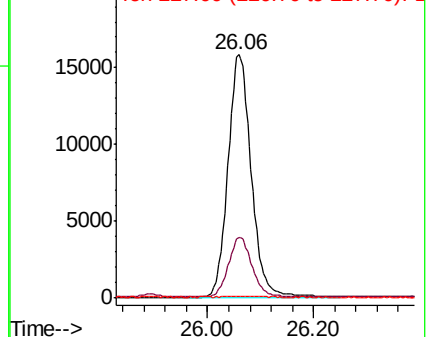
227 0.2 0.2 0.2

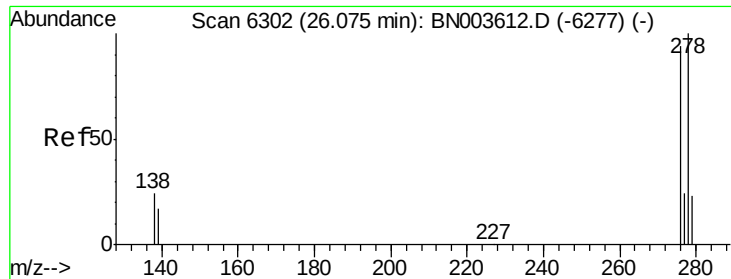


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

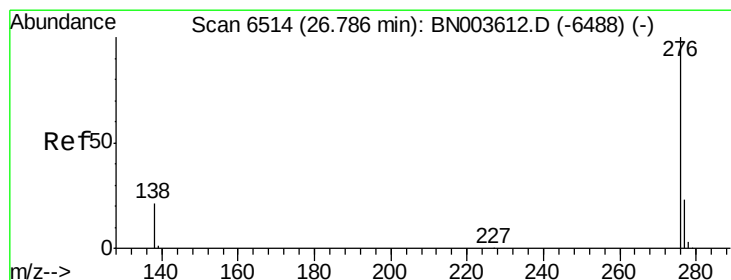
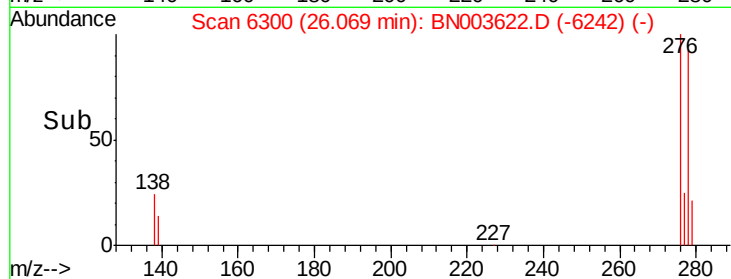
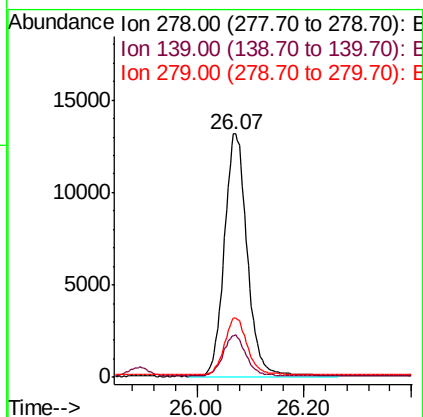
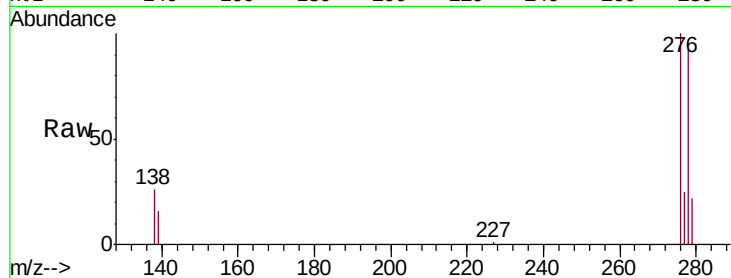




#25
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003622.D
Acq: 20 Nov 2018 07:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.470

Tgt Ion: 278 Resp: 38992
Ion Ratio Lower Upper
278 100
139 17.2 14.2 21.4
279 24.1 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.79 min Scan# 6514
Delta R.T. 0.00 min
Lab File: BN003622.D
Acq: 20 Nov 2018 07:31

Tgt Ion: 276 Resp: 39949
Ion Ratio Lower Upper
276 100
138 22.0 17.7 26.5
277 23.8 19.3 28.9

