

Data File : BN003435.D
Acq On : 05 Nov 2018 18:21
Operator : MJ/SJ
Sample : SSTDC00.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.438

Quant Time: Nov 06 01:48:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 06 01:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8727	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	36296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	19816	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	43143	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	31823	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	28781	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	23375	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	46099	0.38	ng/ul	0.00

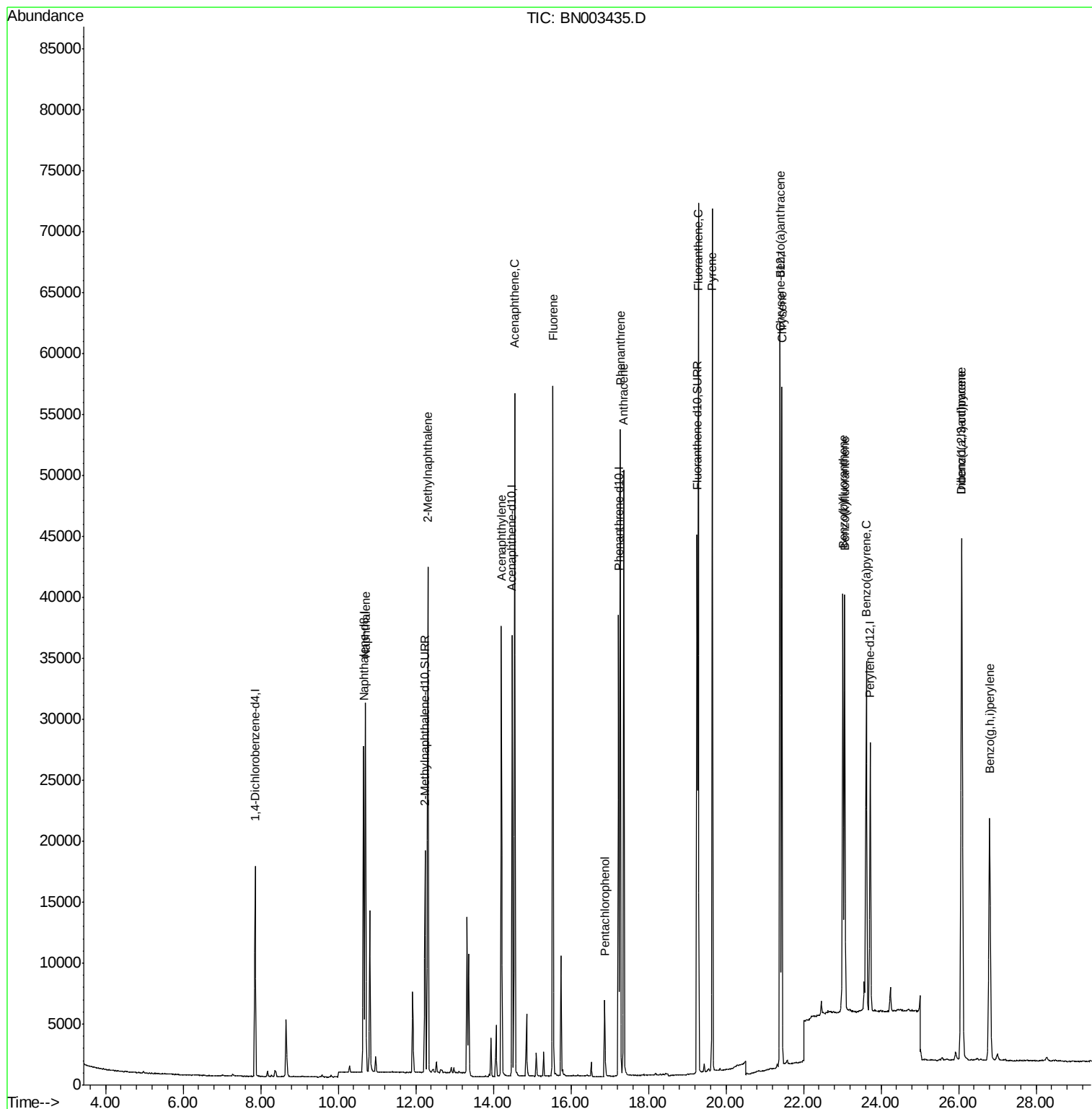
Target Compounds					Qvalue
3) Naphthalene	10.70	128	41454	0.407	ng/ul 100
5) 2-Methylnaphthalene	12.31	142	29684	0.405	ng/ul 100
7) Acenaphthylene	14.21	152	42583	0.495	ng/ul 99
8) Acenaphthene	14.55	153	31484	0.409	ng/ul 99
9) Fluorene	15.54	166	35355	0.390	ng/ul 99
11) Pentachlorophenol	16.88	266	4295	0.497	ng/ul 99
12) Phenanthrene	17.27	178	55813	0.394	ng/ul 99
13) Anthracene	17.36	178	52016	0.451	ng/ul 99
15) Fluoranthene	19.29	202	59363	0.373	ng/ul 100
17) Pyrene	19.65	202	57789	0.499	ng/ul 97
18) Benzo(a)anthracene	21.39	228	48064	0.482	ng/ul 99
19) Chrysene	21.44	228	45015	0.397	ng/ul 99
21) Benzo(b)fluoranthene	23.02	252	44126	0.356	ng/ul 96
22) Benzo(k)fluoranthene	23.06	252	42835	0.357	ng/ul# 96
23) Benzo(a)pyrene	23.62	252	41748	0.403	ng/ul# 95
24) Indeno(1,2,3-cd)pyrene	26.08	276	50176	0.453	ng/ul# 100
25) Dibenzo(a,h)anthracene	26.09	278	40539	0.449	ng/ul 96
26) Benzo(g,h,i)perylene	26.80	276	42433	0.446	ng/ul 97

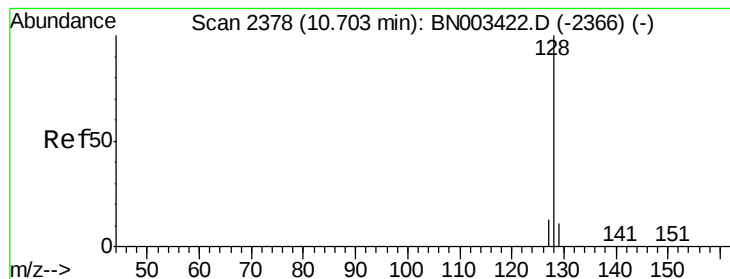
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 05 Nov 2018 18:21
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BNA_N
ClientSampleId :
SSTD0.438

Quant Time: Nov 06 01:48:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.438

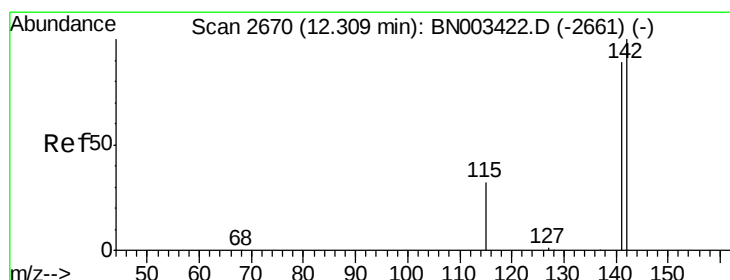
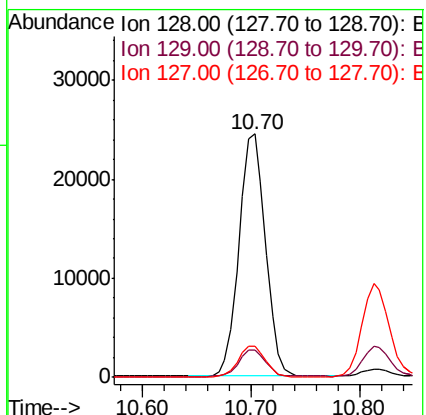
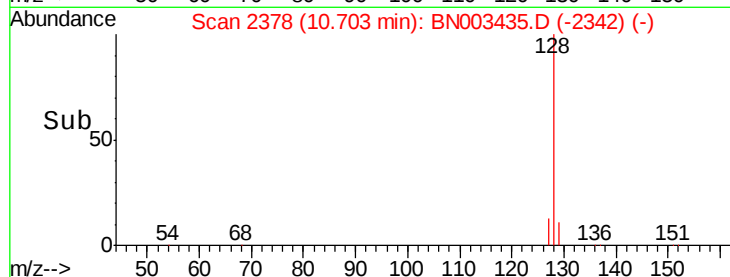
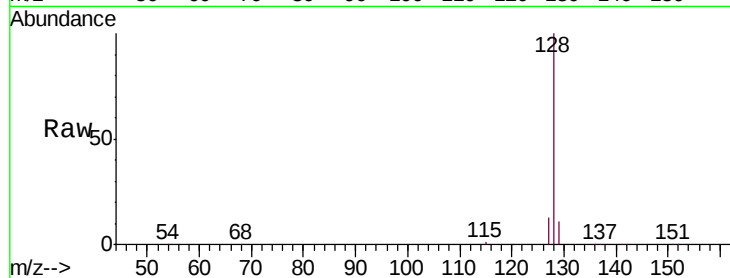
Tgt Ion:128 Resp: 41454

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.0 10.5 15.7



#5

2-Methylnaphthalene

Concen: 0.405 ng/ul

RT: 12.31 min Scan# 2670

Delta R.T. -0.00 min

Lab File: BN003435.D

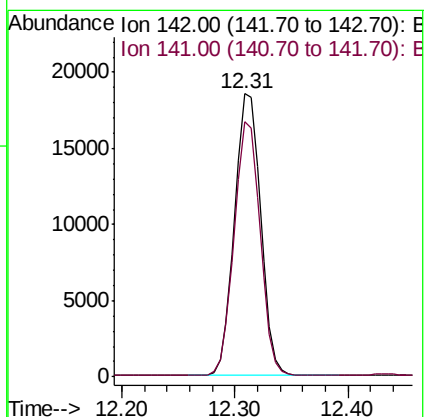
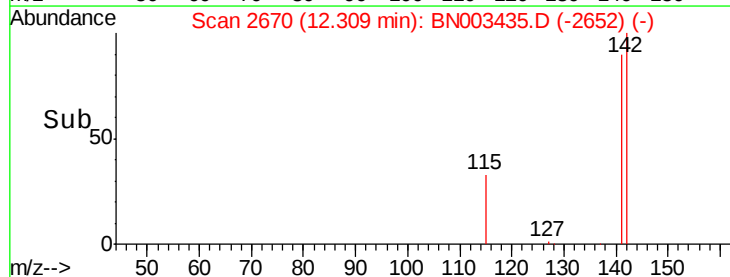
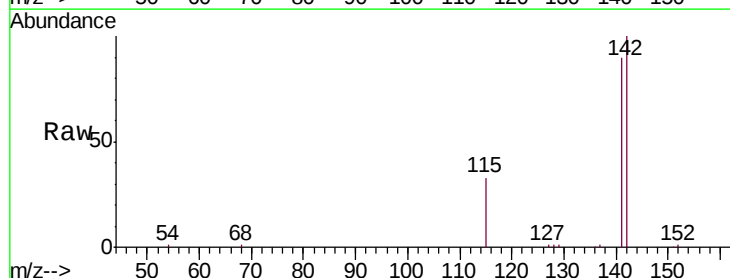
Acq: 05 Nov 2018 18:21

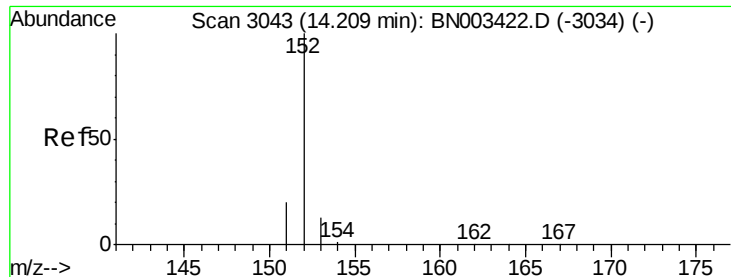
Tgt Ion:142 Resp: 29684

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8





#7

Acenaphthylene

Concen: 0.495 ng/ul

RT: 14.21 min Scan# 3043

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.438

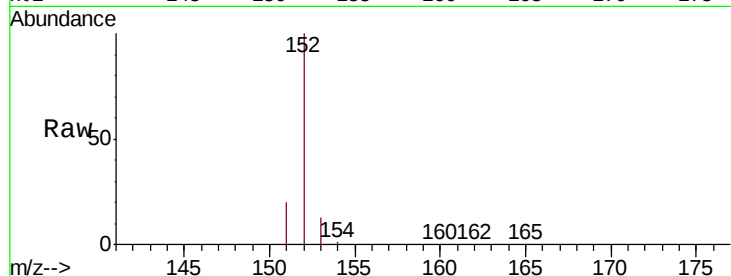
Tgt Ion:152 Resp: 42583

Ion Ratio Lower Upper

152 100

151 19.9 15.6 23.4

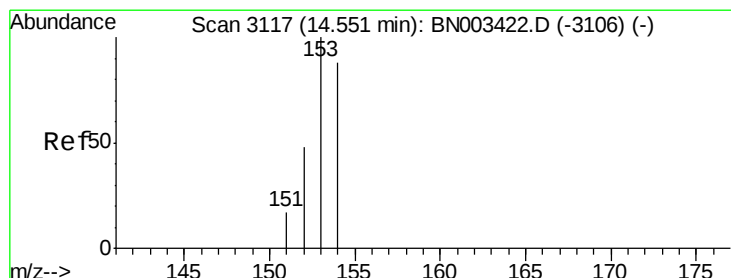
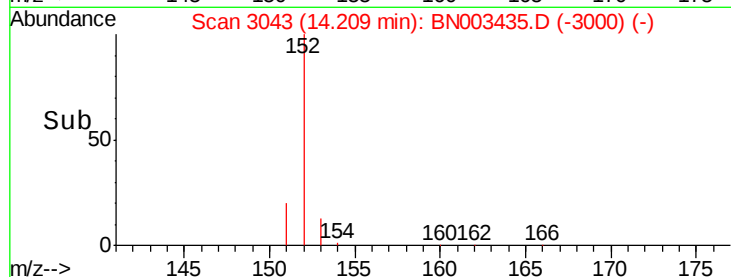
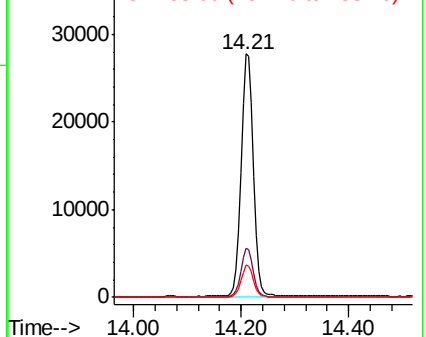
153 13.2 10.4 15.6



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: 0.409 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

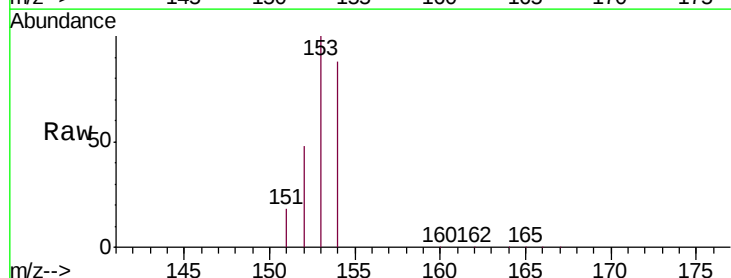
Tgt Ion:153 Resp: 31484

Ion Ratio Lower Upper

153 100

152 48.0 39.5 59.3

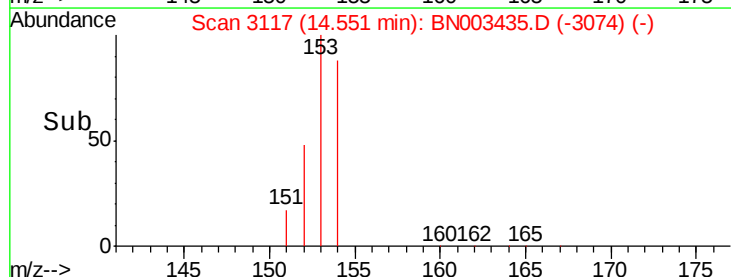
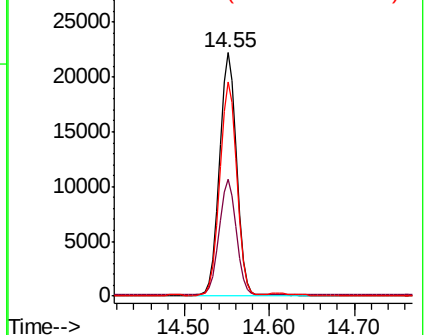
154 87.9 70.3 105.5

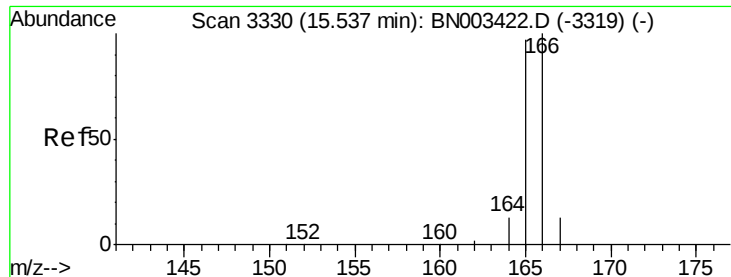


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.390 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.438

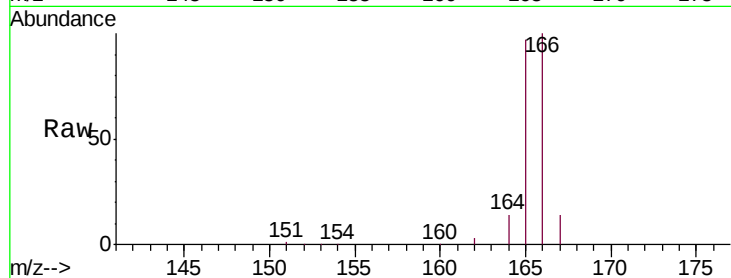
Tgt Ion:166 Resp: 35355

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

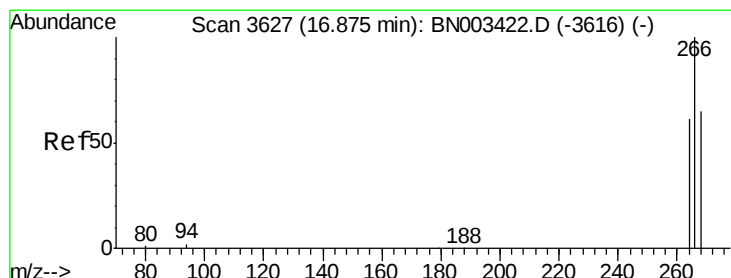
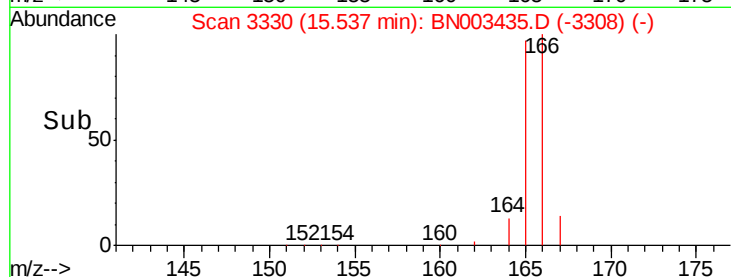
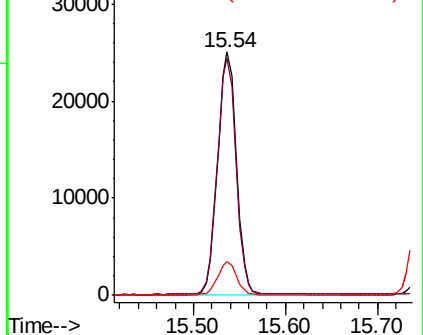
167 13.8 10.8 16.2



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: 0.497 ng/ul

RT: 16.88 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

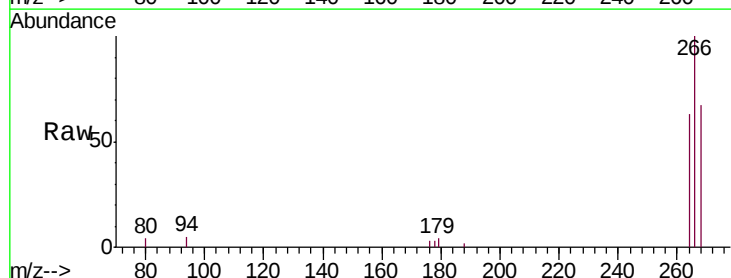
Tgt Ion:266 Resp: 4295

Ion Ratio Lower Upper

266 100

264 63.6 50.2 75.4

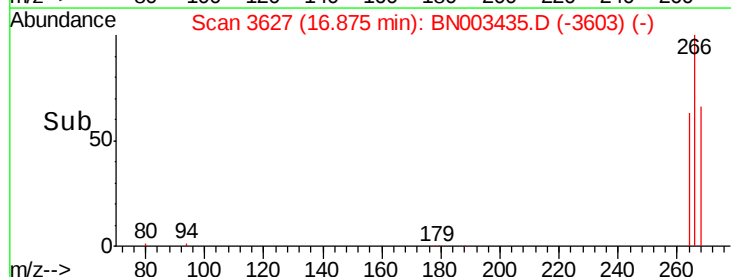
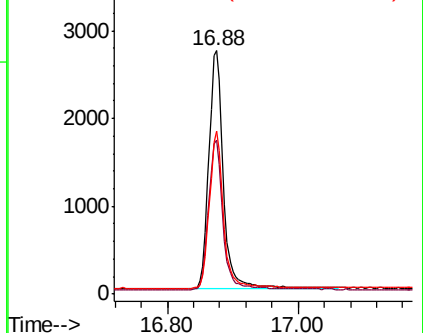
268 64.5 50.7 76.1

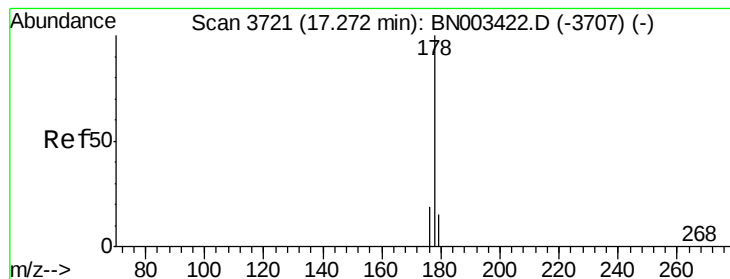


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.438

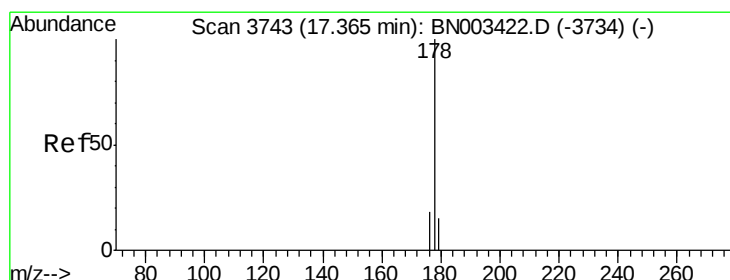
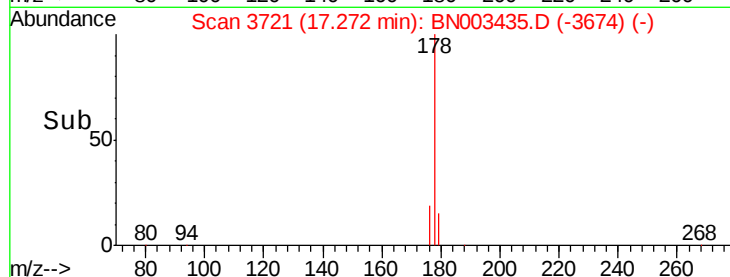
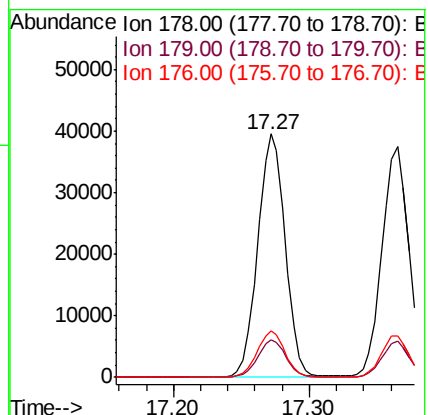
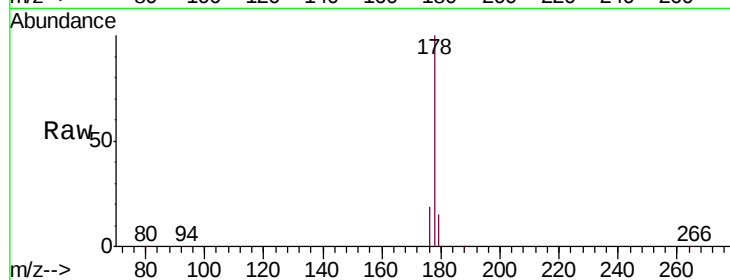
Tgt Ion:178 Resp: 55813

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.2 15.0 22.4



#13

Anthracene

Concen: 0.451 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

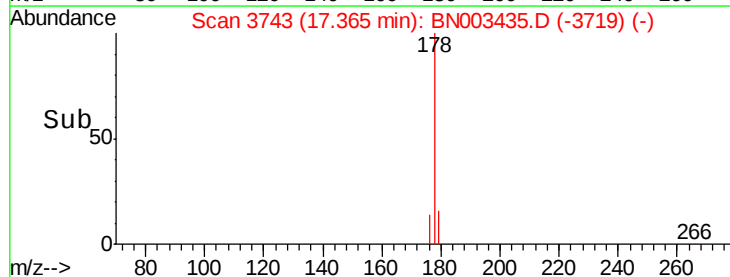
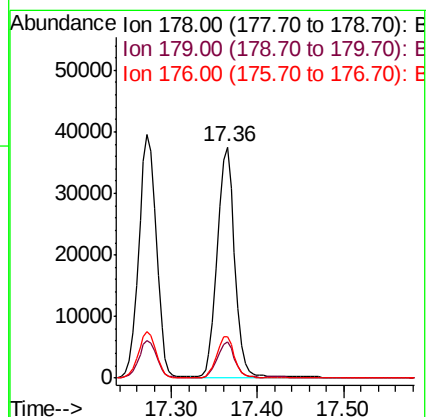
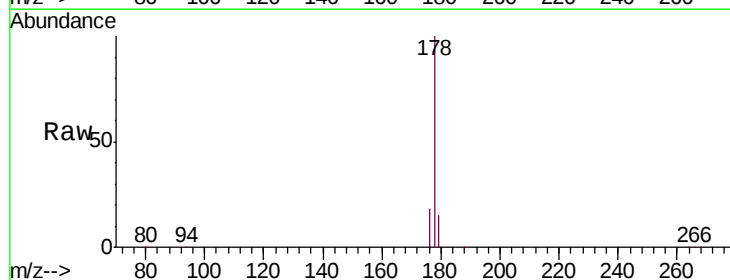
Tgt Ion:178 Resp: 52016

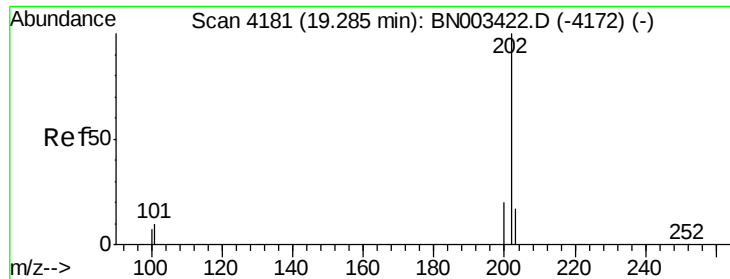
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 17.9 14.7 22.1

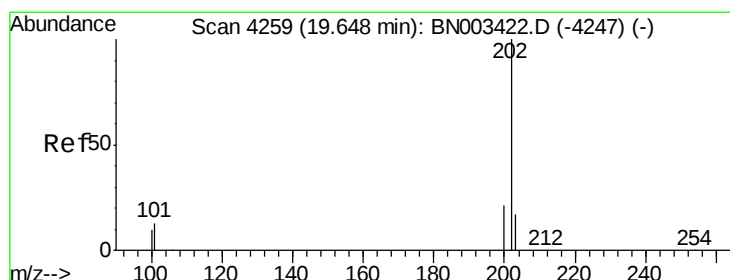
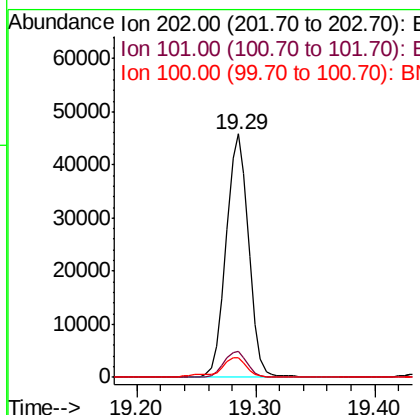
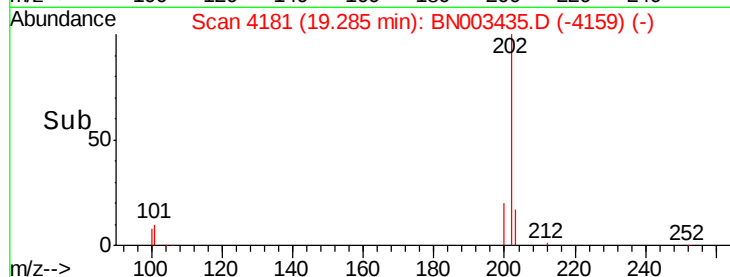
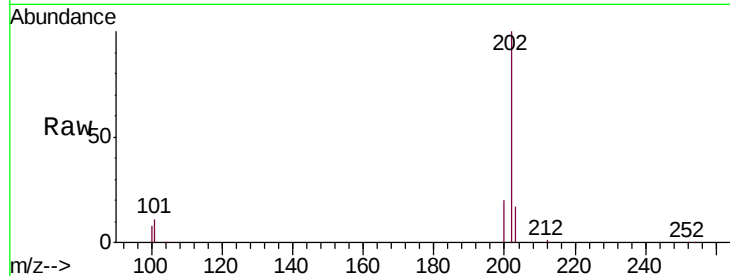




#15
Fluoranthene
 Concen: 0.373 ng/ul
 RT: 19.29 min Scan# 4181
 Delta R.T. -0.00 min
 Lab File: BN003435.D
 Acq: 05 Nov 2018 18:21

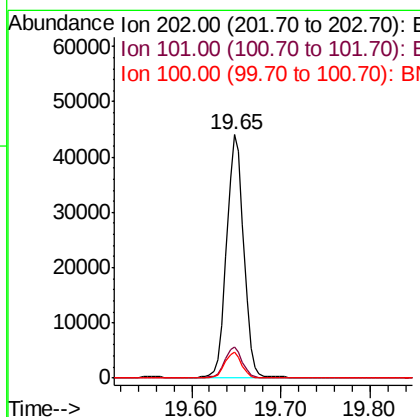
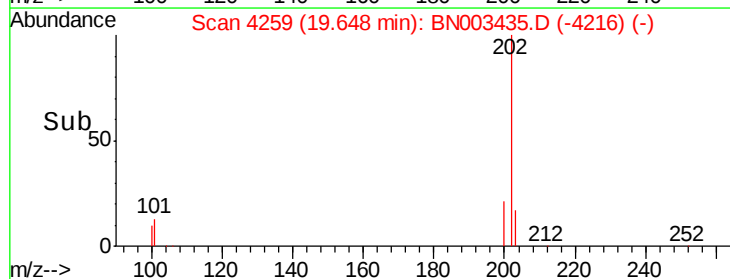
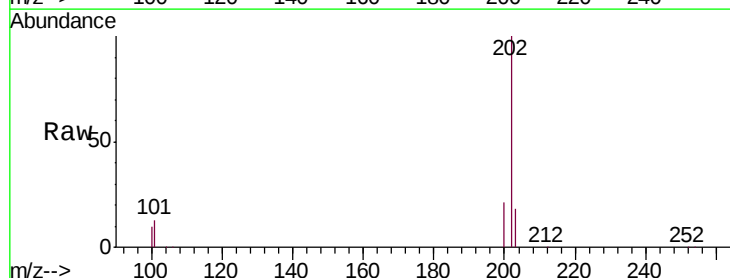
Instrument :
 BNA_N
 ClientSampleId :
 SST0.438

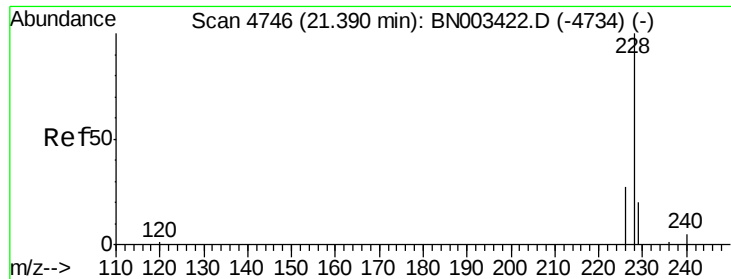
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.7
100	7.9	0.0	28.0



#17
Pyrene
 Concen: 0.499 ng/ul
 RT: 19.65 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: BN003435.D
 Acq: 05 Nov 2018 18:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.5	14.3
100	10.5	7.5	11.3





#18

Benzo(a)anthracene

Concen: 0.482 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.438

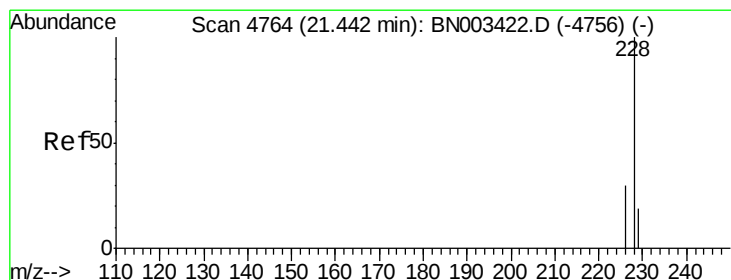
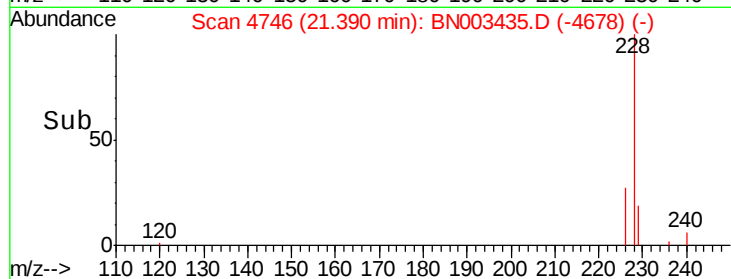
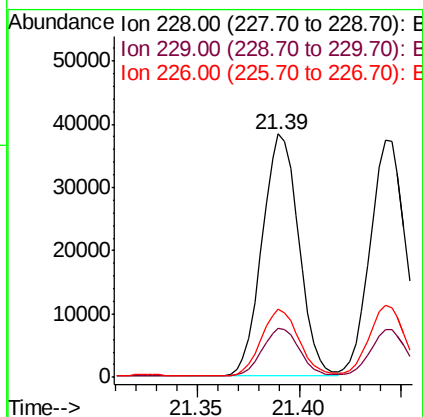
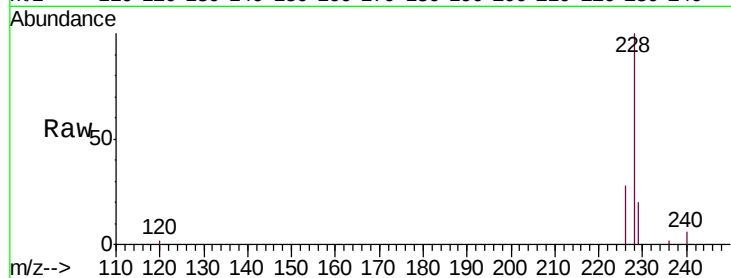
Tgt Ion:228 Resp: 48064

Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

226 27.8 21.5 32.3



#19

Chrysene

Concen: 0.397 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

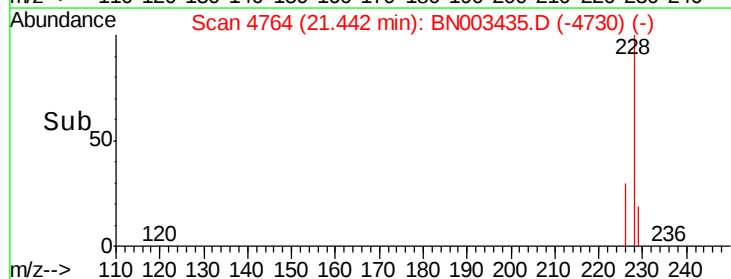
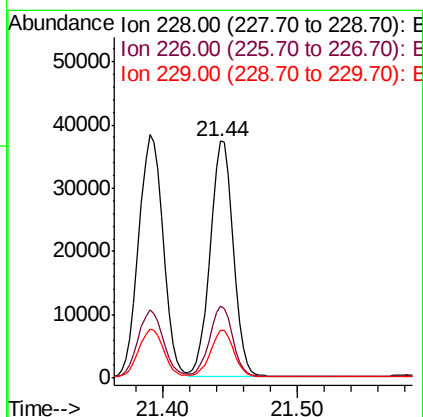
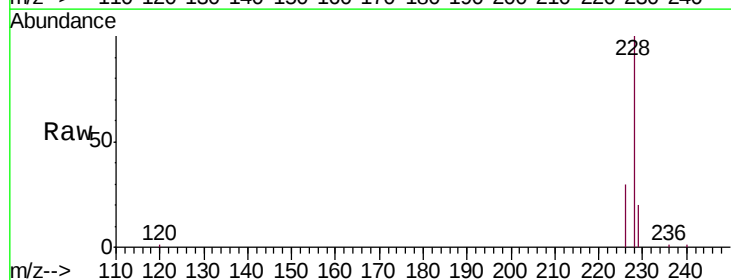
Tgt Ion:228 Resp: 45015

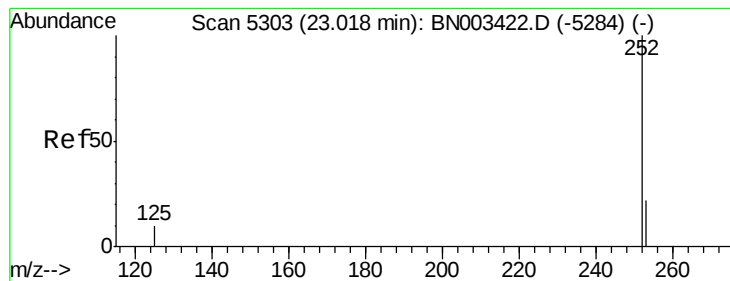
Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 20.0 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.356 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.438

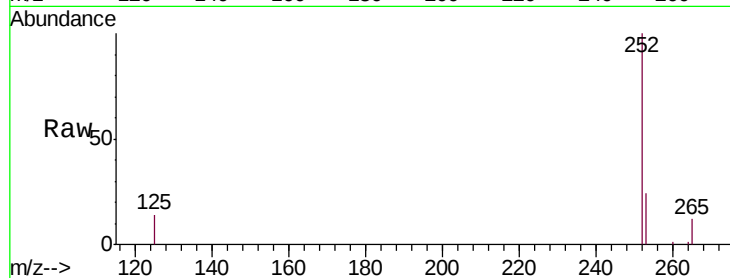
Tgt Ion:252 Resp: 44126

Ion Ratio Lower Upper

252 100

253 24.1 0.0 45.6

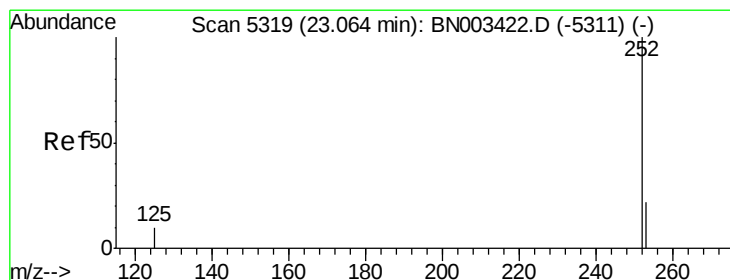
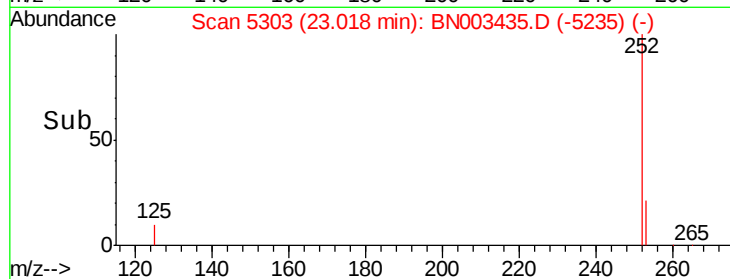
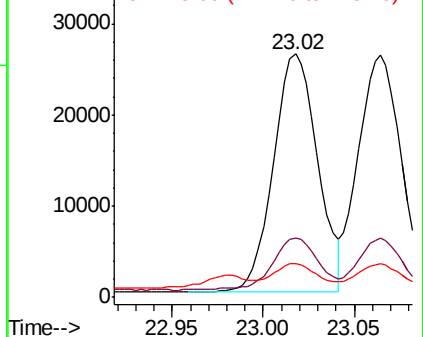
125 13.7 0.0 21.8



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: 0.357 ng/ul

RT: 23.06 min Scan# 5319

Delta R.T. -0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

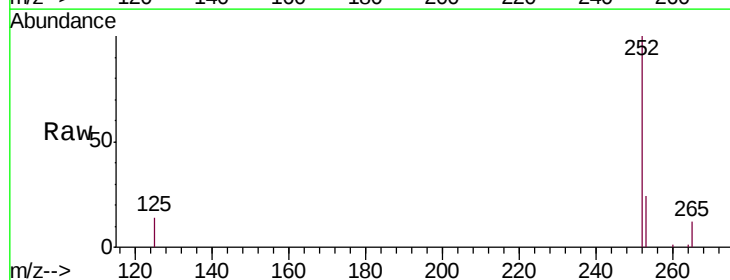
Tgt Ion:252 Resp: 42835

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

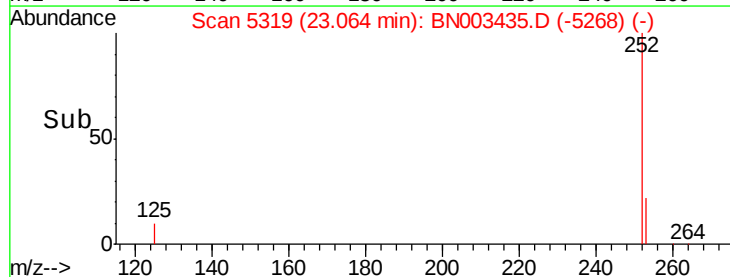
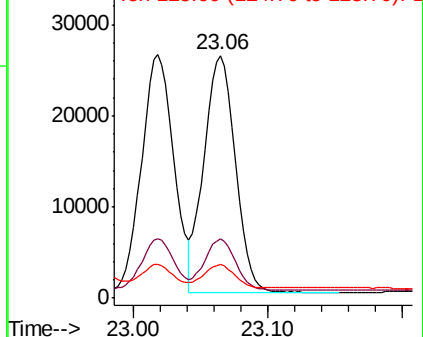
125 13.7 8.6 13.0#

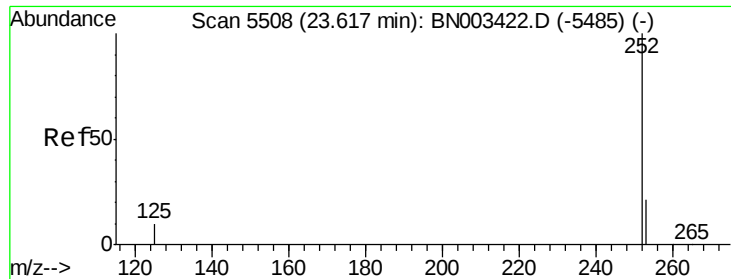


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.403 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.438

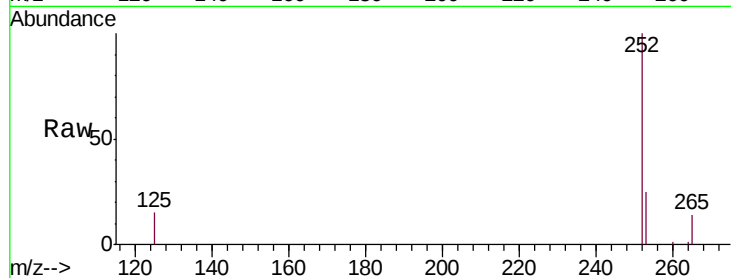
Tgt Ion:252 Resp: 41748

Ion Ratio Lower Upper

252 100

253 24.9 18.5 27.7

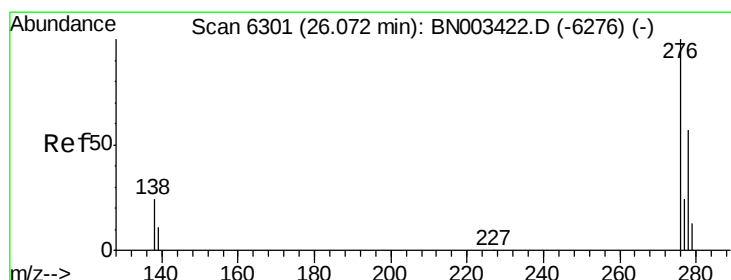
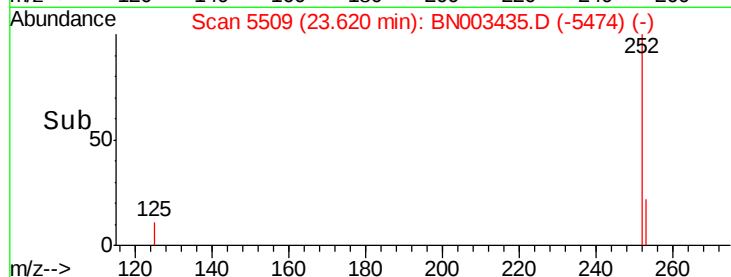
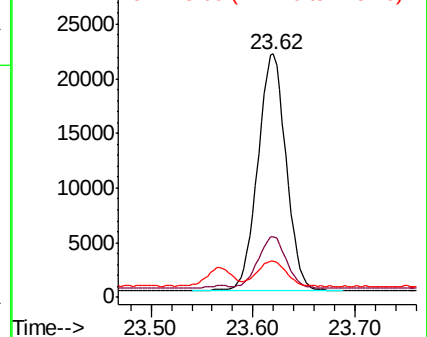
125 15.0 9.9 14.9#



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: 0.453 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. 0.00 min

Lab File: BN003435.D

Acq: 05 Nov 2018 18:21

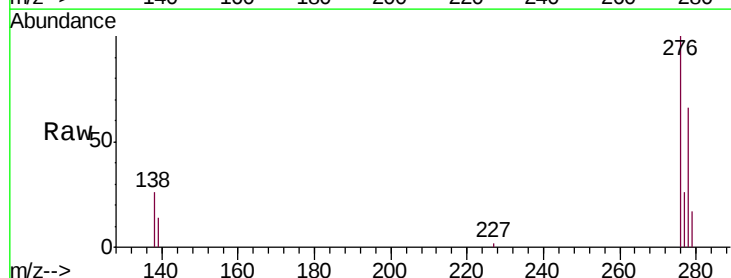
Tgt Ion:276 Resp: 50176

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

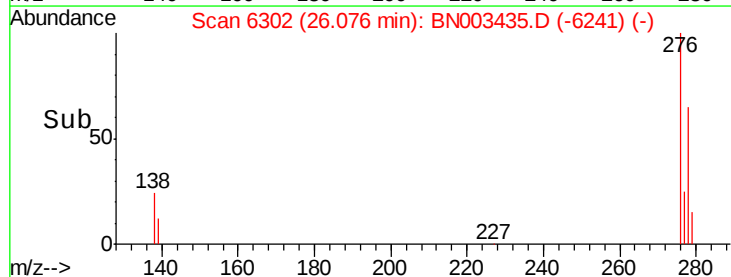
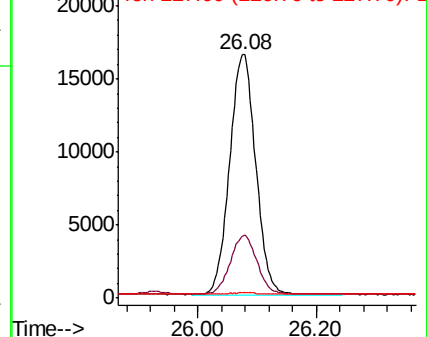
227 0.2 0.2 0.2#

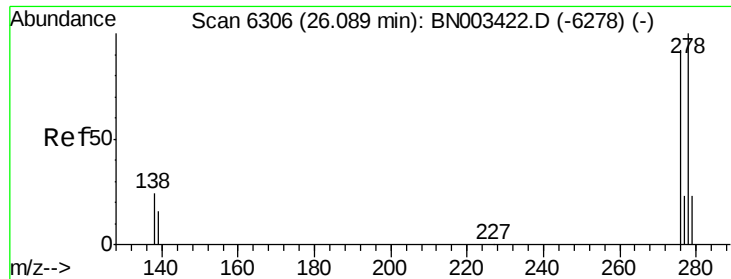


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

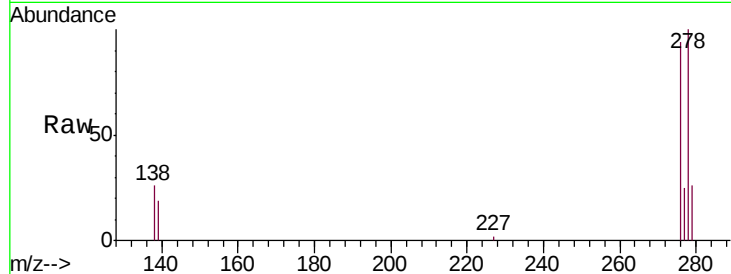




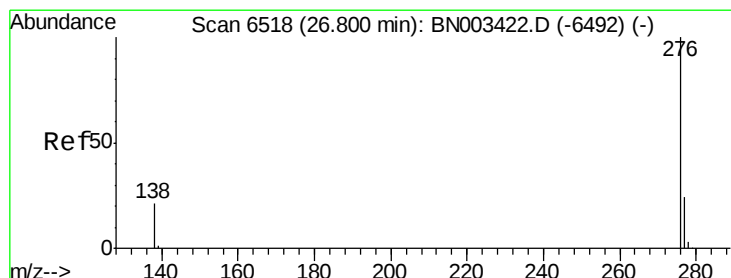
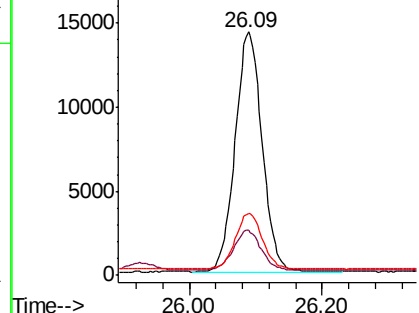
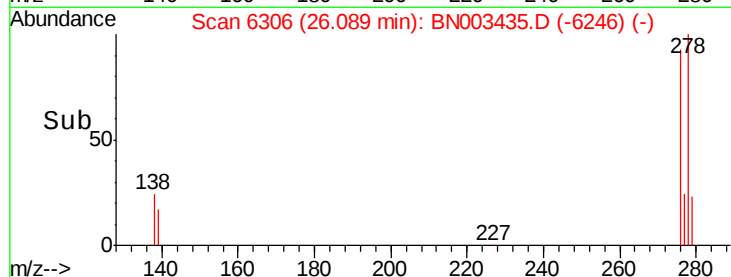
#25
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.00 min
Lab File: BN003435.D
Acq: 05 Nov 2018 18:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.438

Tgt Ion:278 Resp: 40539
Ion Ratio Lower Upper
278 100
139 18.8 13.1 19.7
279 25.6 19.5 29.3

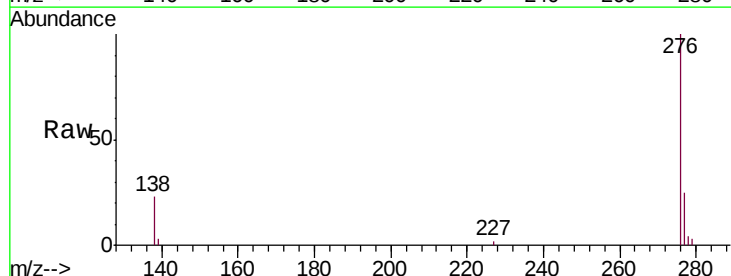


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 26.80 min Scan# 6518
Delta R.T. -0.00 min
Lab File: BN003435.D
Acq: 05 Nov 2018 18:21

Tgt Ion:276 Resp: 42433
Ion Ratio Lower Upper
276 100
138 23.0 17.0 25.6
277 25.2 19.2 28.8



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

