

Data File : BN006212.D
Acq On : 09 Jun 2019 04:15
Operator : JU/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.404

Quant Time: Jun 09 05:16:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7610	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	34577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	17408	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	33386	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	24280	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	27206	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	20191	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	34201	0.38	ng/ul	0.00

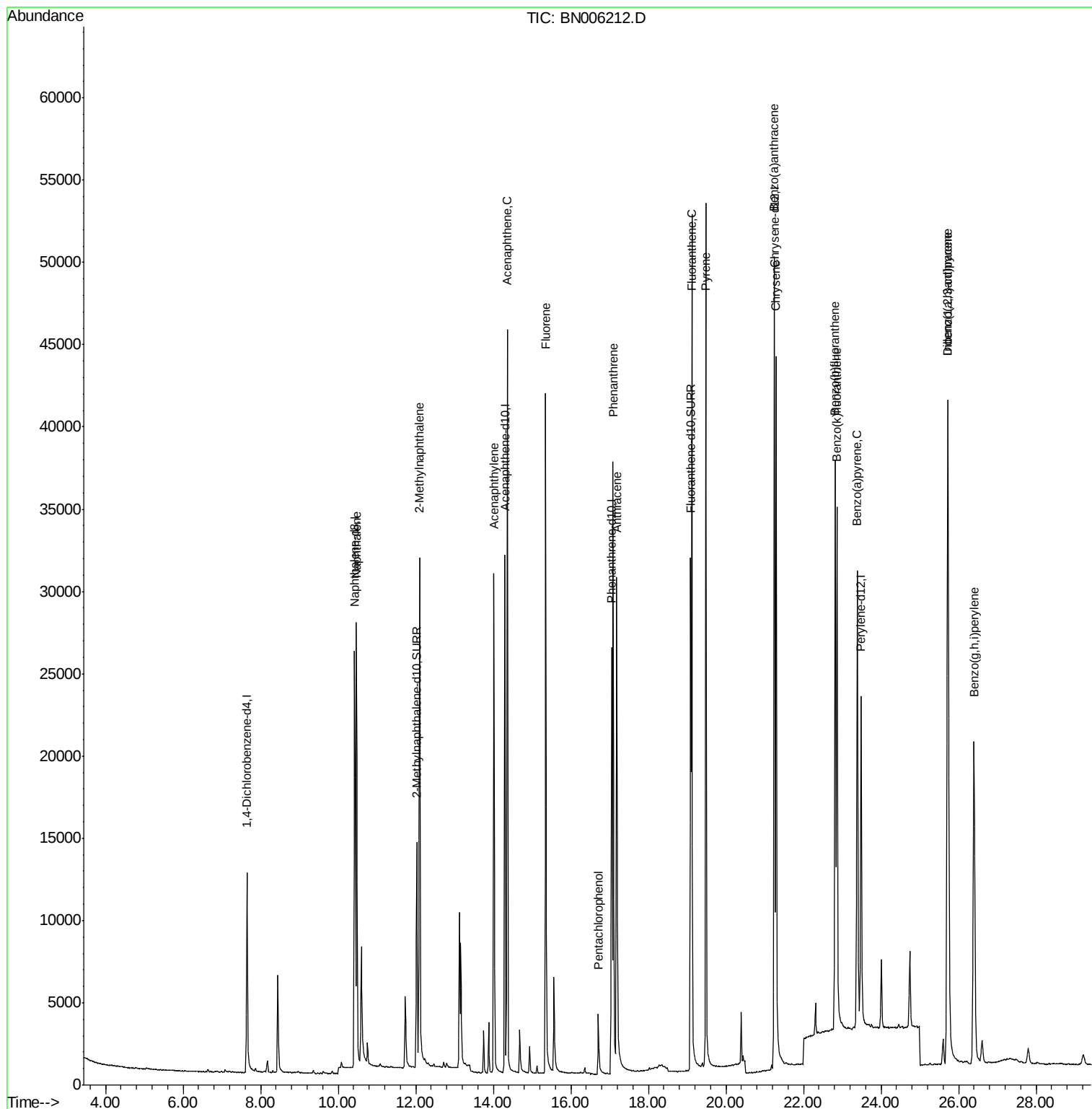
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	37519	0.393	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	25517	0.384	ng/ul	99
7) Acenaphthylene	14.01	152	37104	0.383	ng/ul	99
8) Acenaphthene	14.36	153	26796	0.399	ng/ul	100
9) Fluorene	15.35	166	28240	0.360	ng/ul	97
11) Pentachlorophenol	16.71	266	3391	0.400	ng/ul	99
12) Phenanthrene	17.09	178	40857	0.381	ng/ul	100
13) Anthracene	17.18	178	37206	0.364	ng/ul	100
15) Fluoranthene	19.12	202	44849	0.379	ng/ul	97
17) Pyrene	19.48	202	46516	0.364	ng/ul	98
18) Benzo(a)anthracene	21.24	228	39019	0.363	ng/ul	98
19) Chrysene	21.29	228	43496	0.431	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	41917	0.370	ng/ul	97
22) Benzo(k)fluoranthene	22.86	252	43646	0.395	ng/ul	95
23) Benzo(a)pyrene	23.39	252	42356	0.401	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.71	276	48744	0.426	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.73	278	38690	0.423	ng/ul	93
26) Benzo(g,h,i)perylene	26.40	276	41189	0.430	ng/ul	94

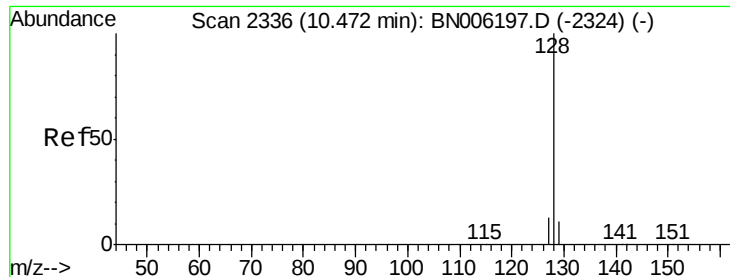
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.393 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

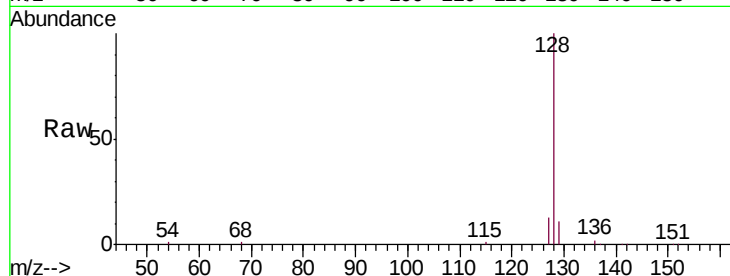
Tgt Ion:128 Resp: 37519

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

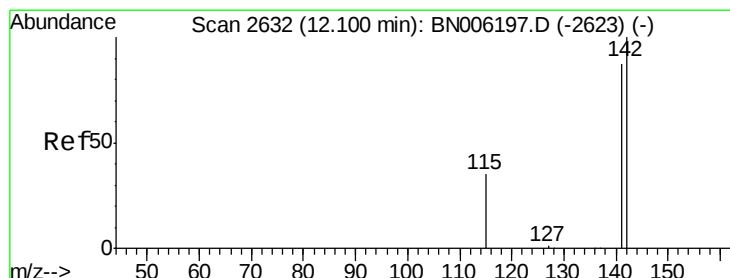
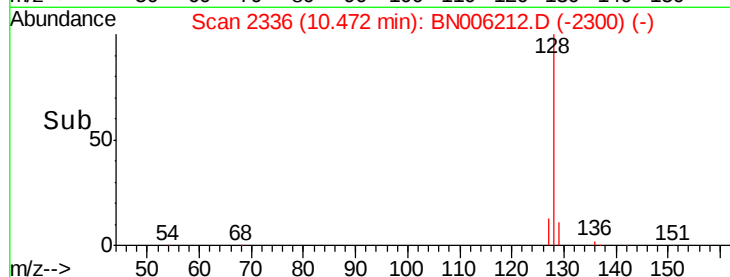
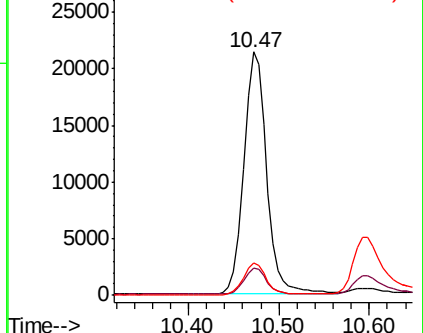
127 13.3 10.7 16.1



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: 0.384 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006212.D

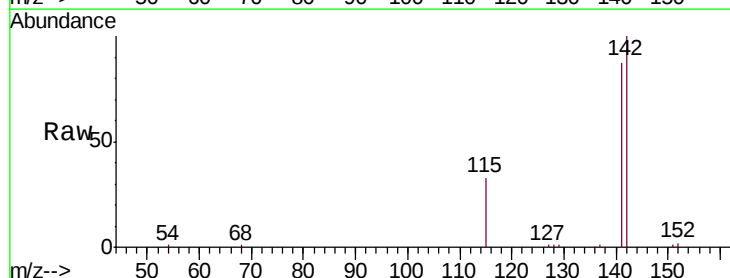
Acq: 09 Jun 2019 04:15

Tgt Ion:142 Resp: 25517

Ion Ratio Lower Upper

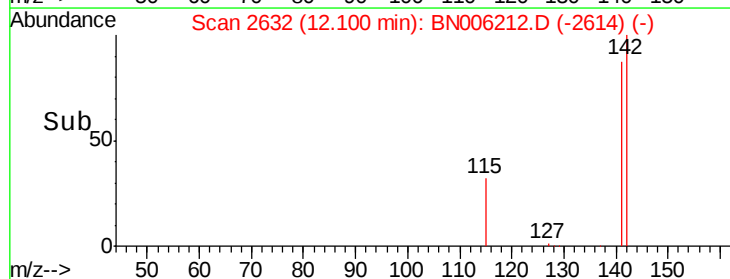
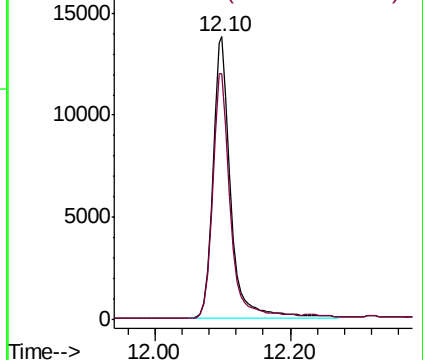
142 100

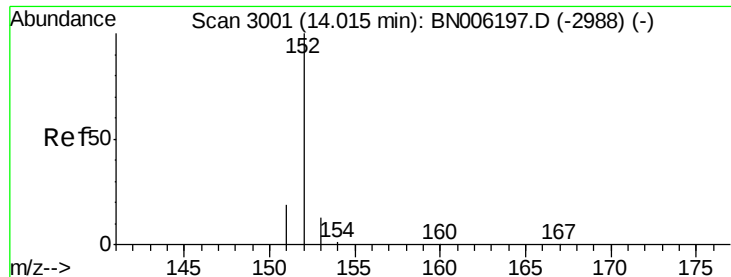
141 87.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.383 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

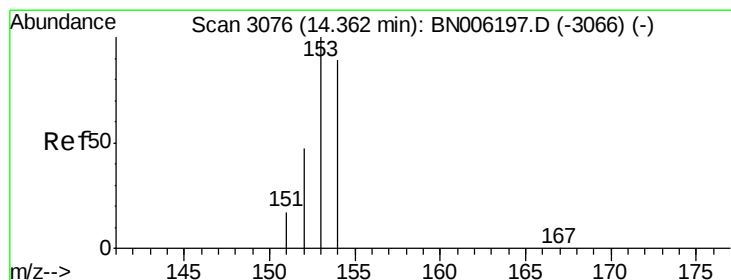
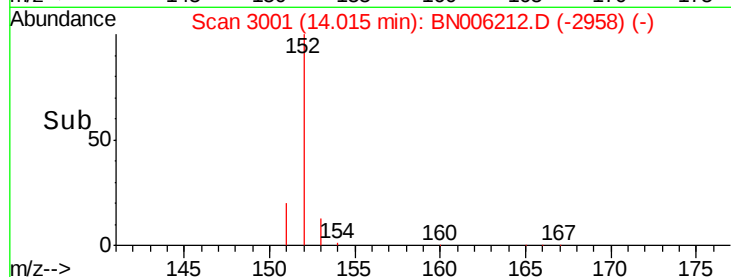
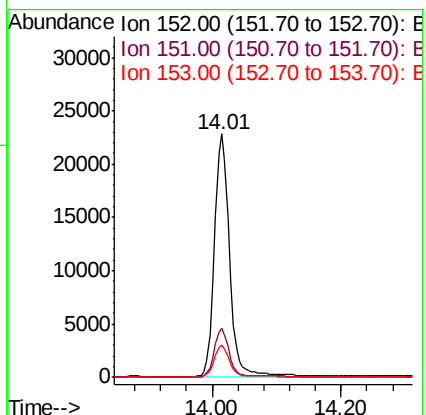
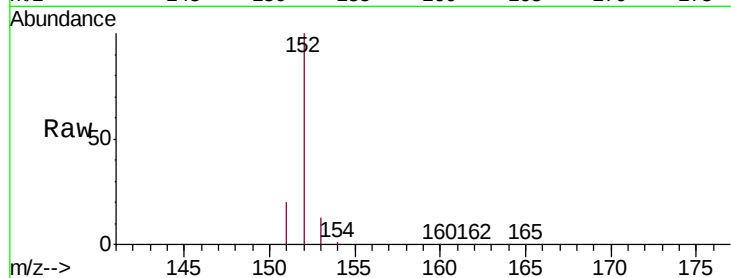
Tgt Ion:152 Resp: 37104

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.1 10.8 16.2



#8

Acenaphthene

Concen: 0.399 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

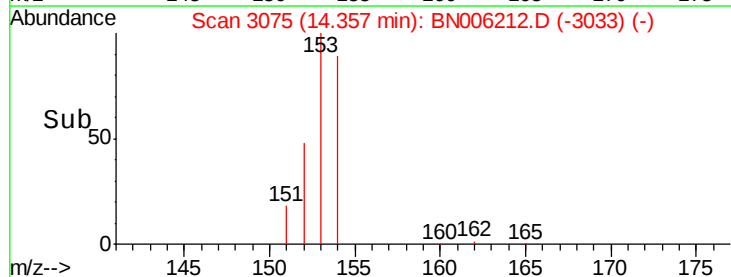
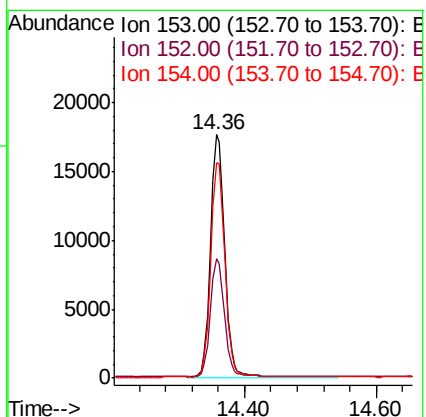
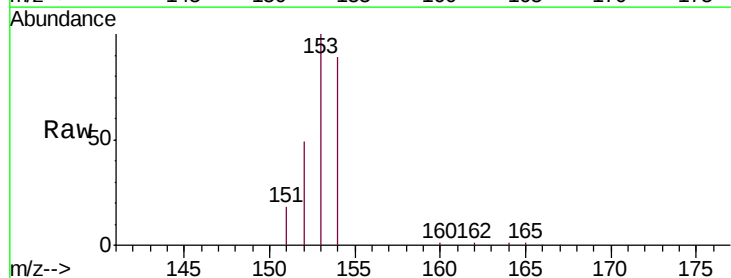
Tgt Ion:153 Resp: 26796

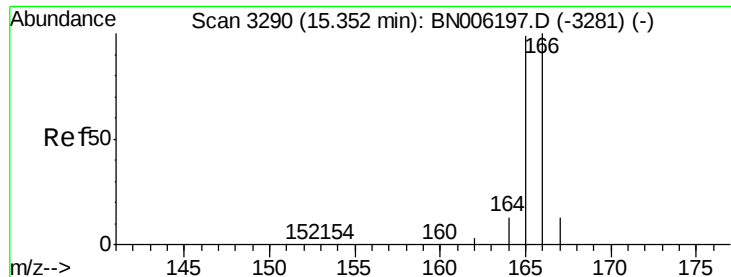
Ion Ratio Lower Upper

153 100

152 49.2 39.1 58.7

154 88.7 71.1 106.7

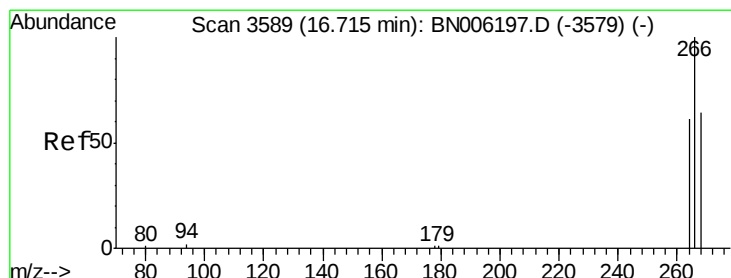
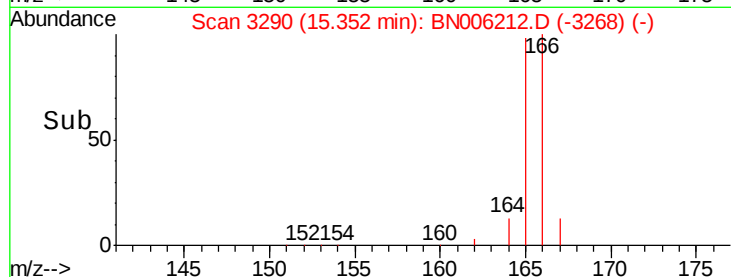
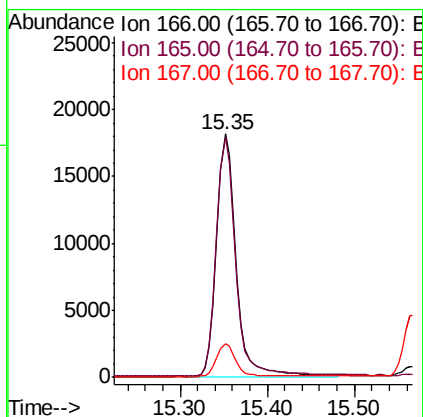
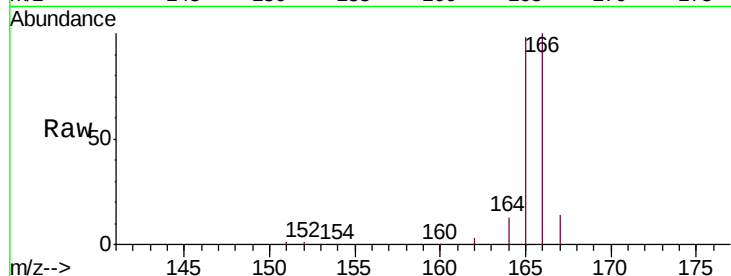




#9
Fluorene
 Concen: 0.360 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006212.D
 Acq: 09 Jun 2019 04:15

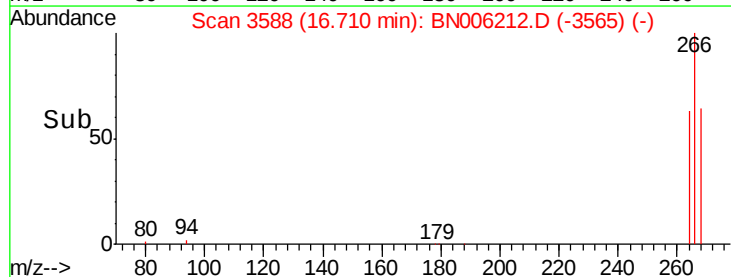
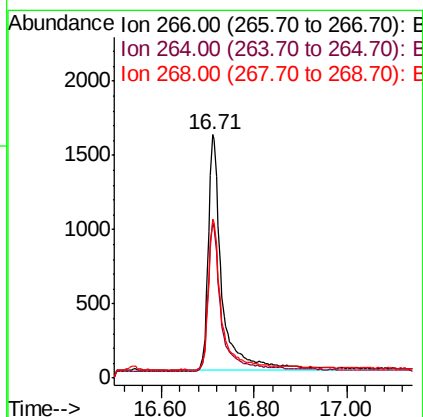
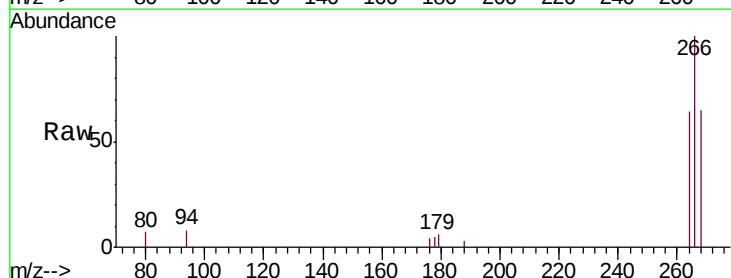
Instrument :
 BNA_N
 ClientSampleId :
 SST0.404

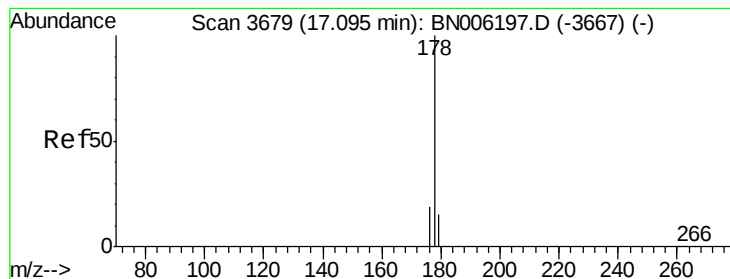
Tgt Ion:166 Resp: 28240
 Ion Ratio Lower Upper
 166 100
 165 98.4 76.4 114.6
 167 13.7 11.0 16.6



#11
Pentachlorophenol
 Concen: 0.400 ng/ul
 RT: 16.71 min Scan# 3588
 Delta R.T. -0.00 min
 Lab File: BN006212.D
 Acq: 09 Jun 2019 04:15

Tgt Ion:266 Resp: 3391
 Ion Ratio Lower Upper
 266 100
 264 61.2 50.3 75.5
 268 63.9 51.3 76.9





#12

Phenanthrene

Concen: 0.381 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

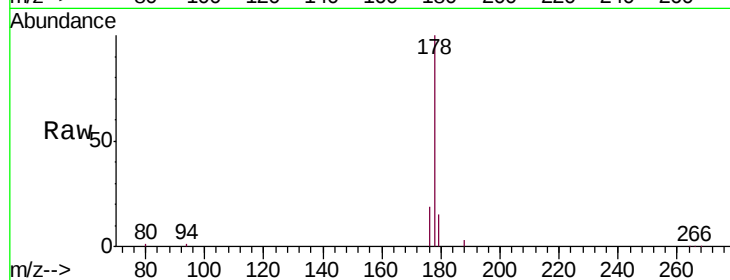
Tgt Ion:178 Resp: 40857

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

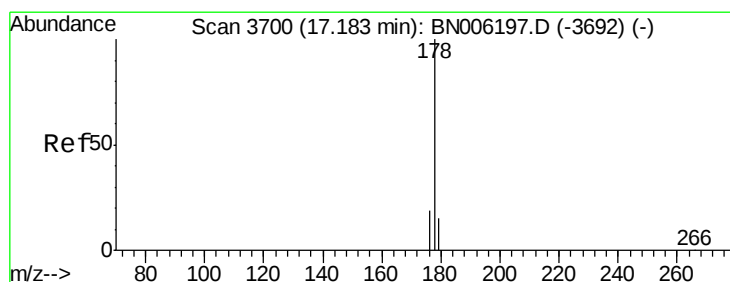
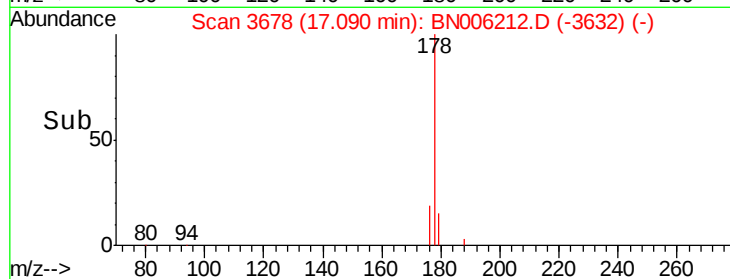
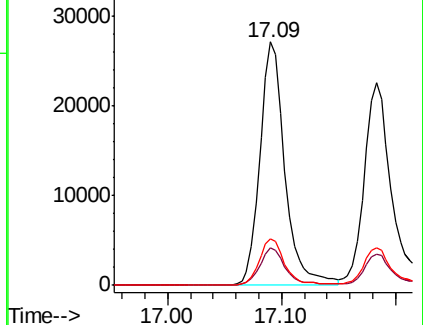
176 19.2 15.3 22.9



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: 0.364 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

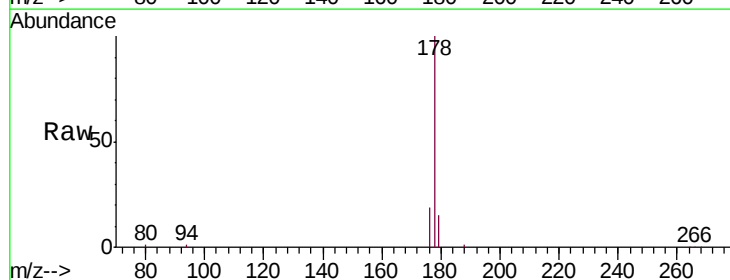
Tgt Ion:178 Resp: 37206

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

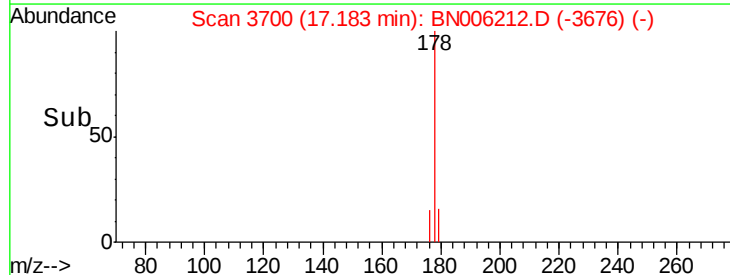
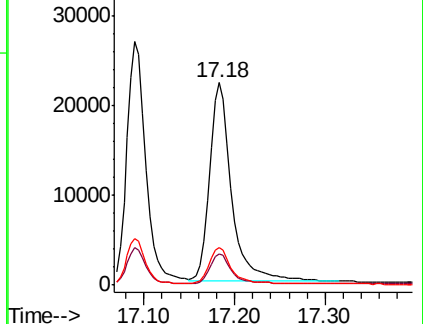
176 18.7 15.1 22.7

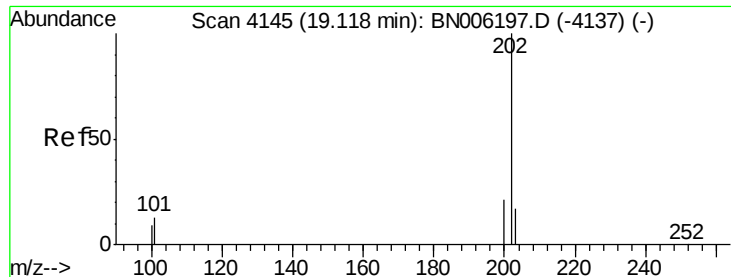


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.379 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

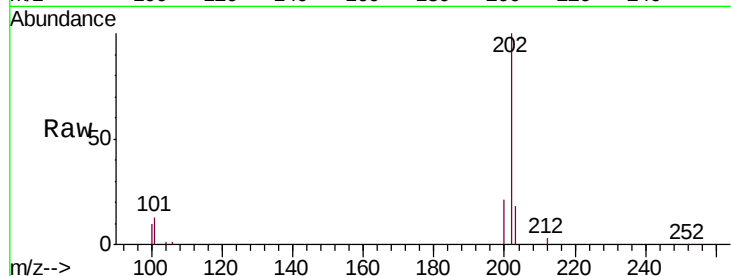
Tgt Ion:202 Resp: 44849

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.1

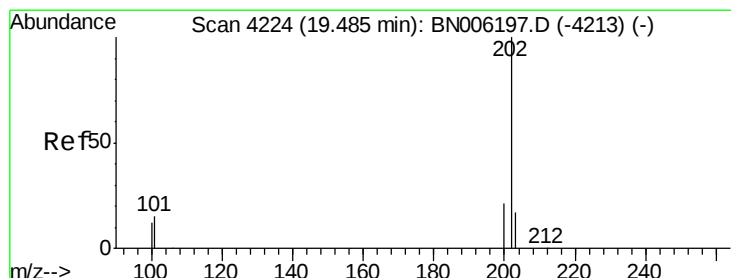
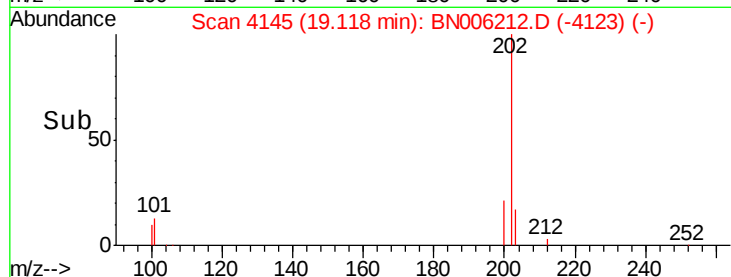
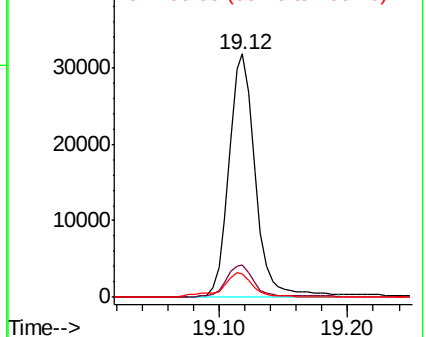
100 9.8 0.0 28.7



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



#17

Pyrene

Concen: 0.364 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

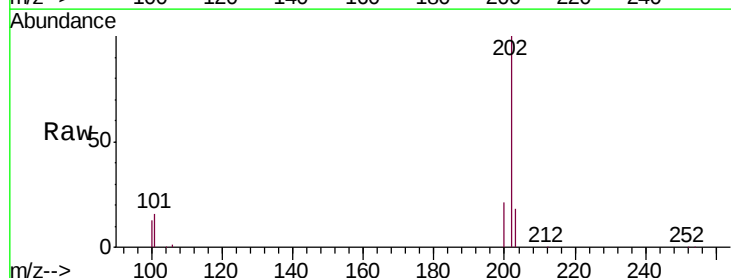
Tgt Ion:202 Resp: 46516

Ion Ratio Lower Upper

202 100

101 16.1 12.2 18.2

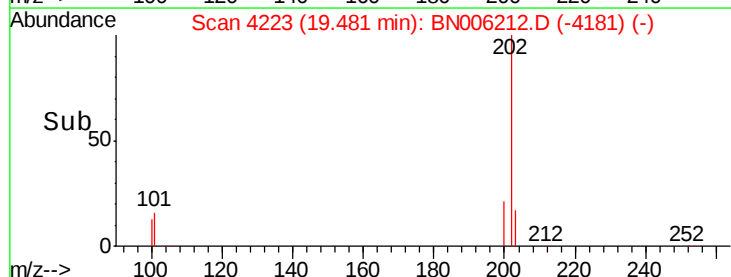
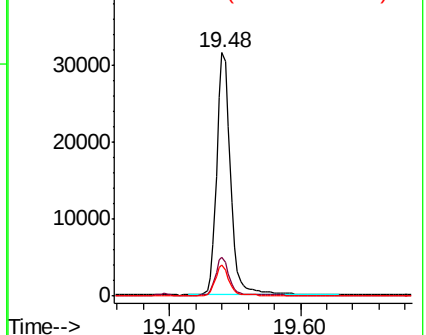
100 12.8 9.8 14.6

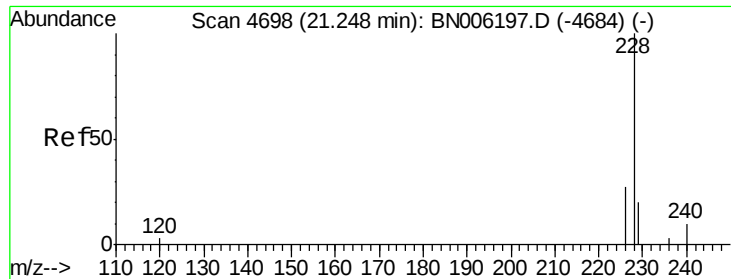


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.363 ng/ul

RT: 21.24 min Scan# 4696

Delta R.T. -0.01 min

Lab File: BN006212.D

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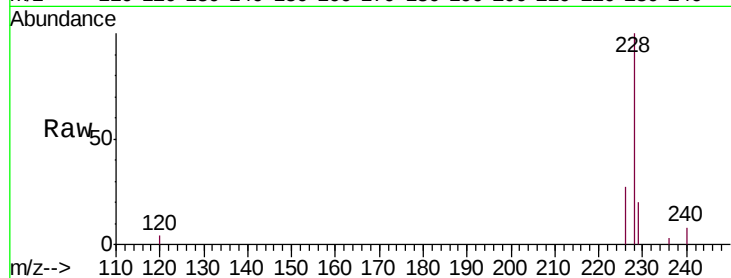
Tgt Ion:228 Resp: 39019

Ion Ratio Lower Upper

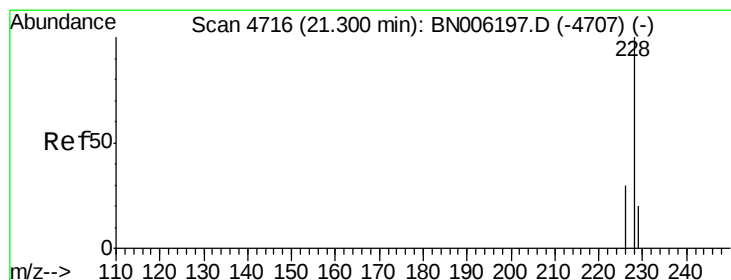
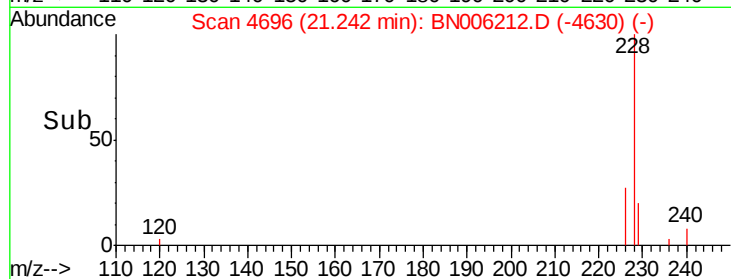
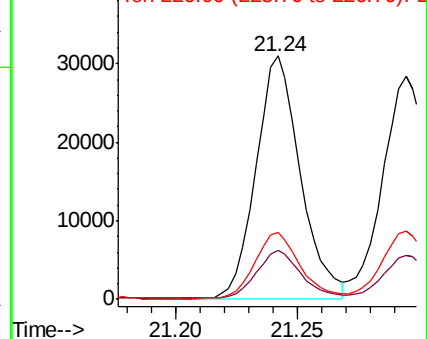
228 100

229 19.9 16.5 24.7

226 27.4 22.8 34.2



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: 0.431 ng/ul

RT: 21.29 min Scan# 4714

Delta R.T. -0.01 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

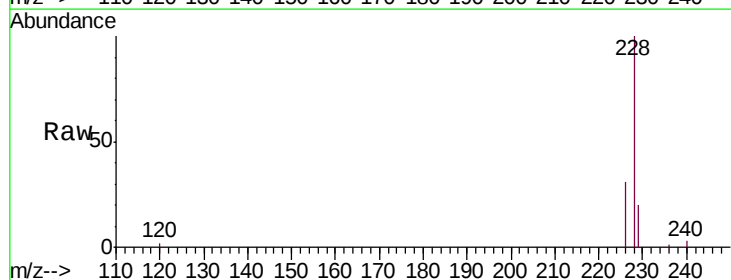
Tgt Ion:228 Resp: 43496

Ion Ratio Lower Upper

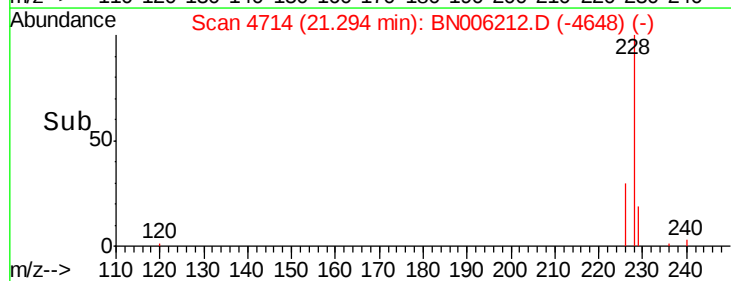
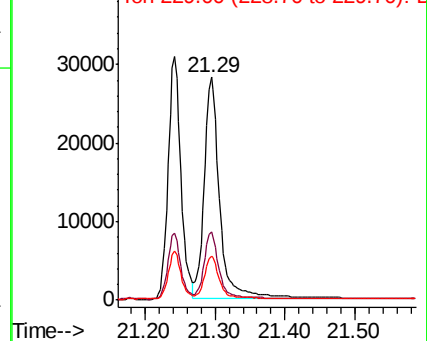
228 100

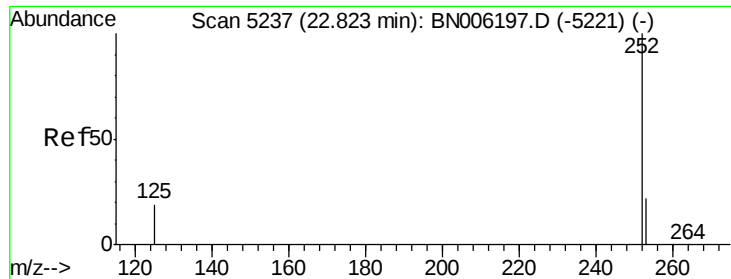
226 30.6 25.0 37.6

229 19.6 16.3 24.5



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: 0.370 ng/ul

RT: 22.82 min Scan# 5235

Delta R.T. -0.01 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

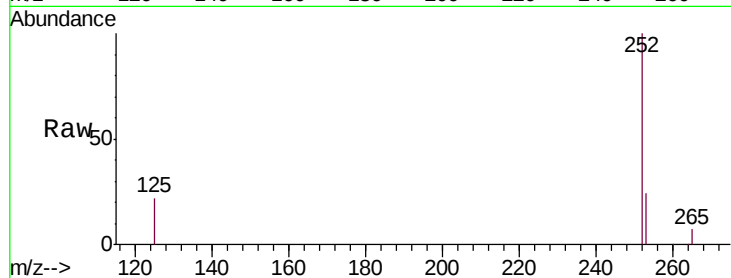
Tgt Ion:252 Resp: 41917

Ion Ratio Lower Upper

252 100

253 23.7 0.0 51.4

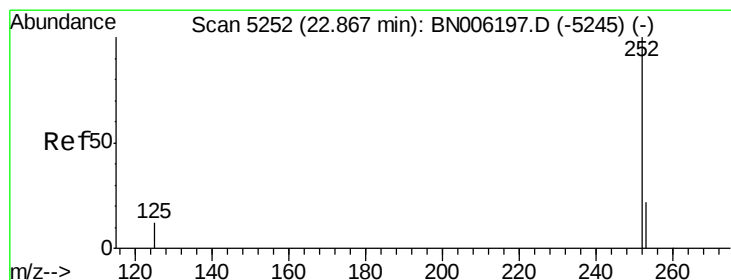
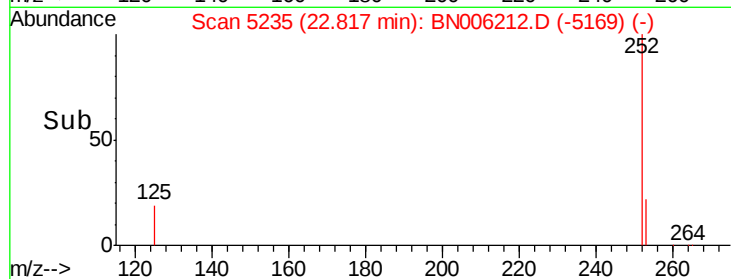
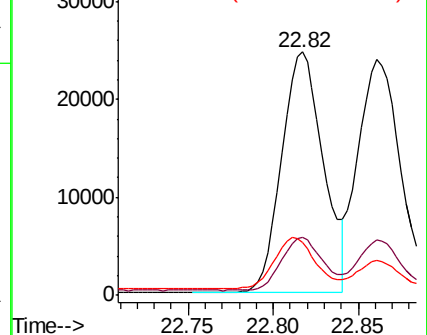
125 21.8 0.0 41.0



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



#22

Benzo(k)fluoranthene

Concen: 0.395 ng/ul

RT: 22.86 min Scan# 5250

Delta R.T. -0.01 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

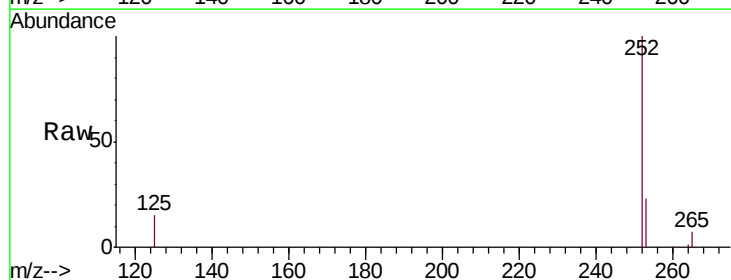
Tgt Ion:252 Resp: 43646

Ion Ratio Lower Upper

252 100

253 23.3 20.3 30.5

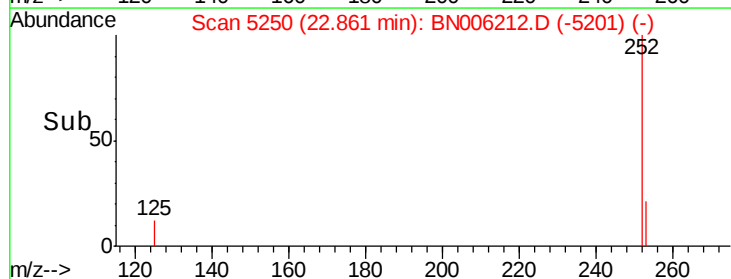
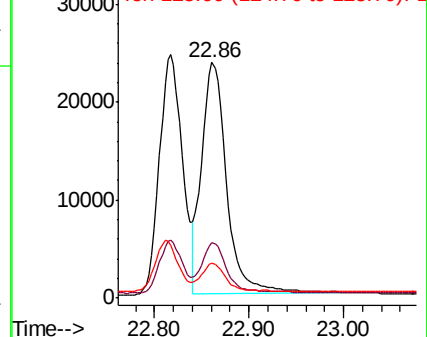
125 15.1 14.3 21.5

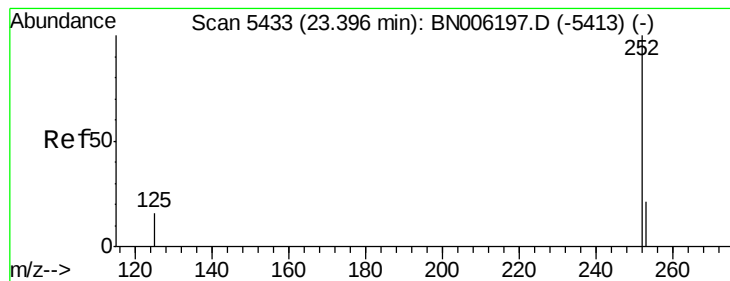


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.401 ng/u1

RT: 23.39 min Scan# 5430

Delta R.T. -0.01 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

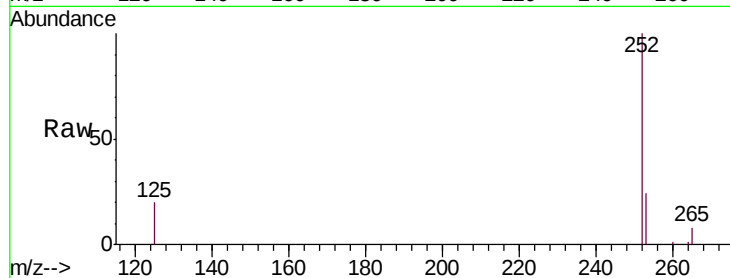
Tgt Ion:252 Resp: 42356

Ion Ratio Lower Upper

252 100

253 24.2 21.1 31.7

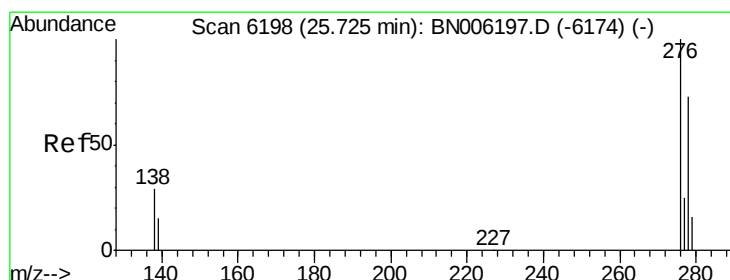
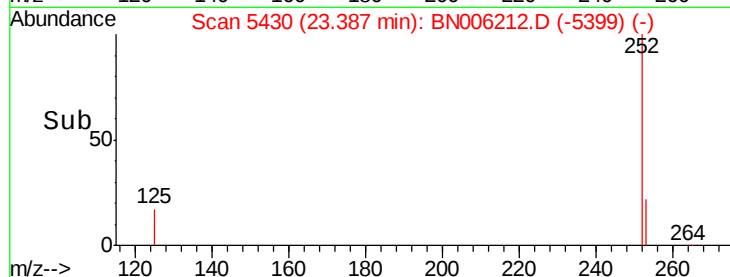
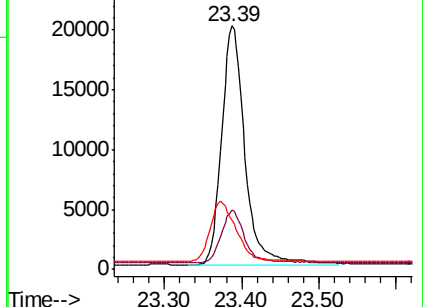
125 20.1 20.3 30.5#



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: 0.426 ng/u1

RT: 25.71 min Scan# 6195

Delta R.T. -0.01 min

Lab File: BN006212.D

Acq: 09 Jun 2019 04:15

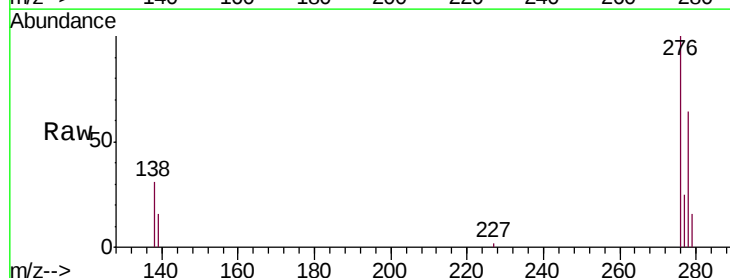
Tgt Ion:276 Resp: 48744

Ion Ratio Lower Upper

276 100

138 30.3 25.6 38.4

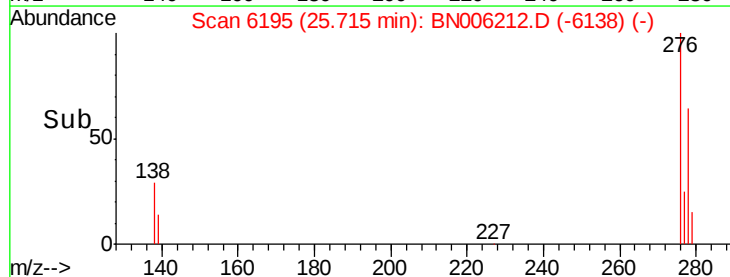
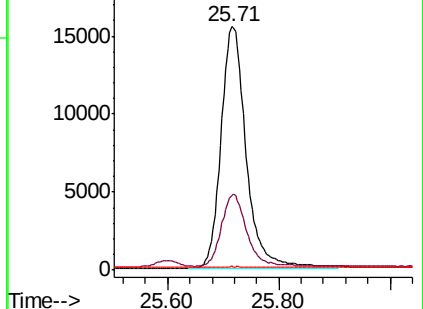
227 0.2 0.3 0.5#

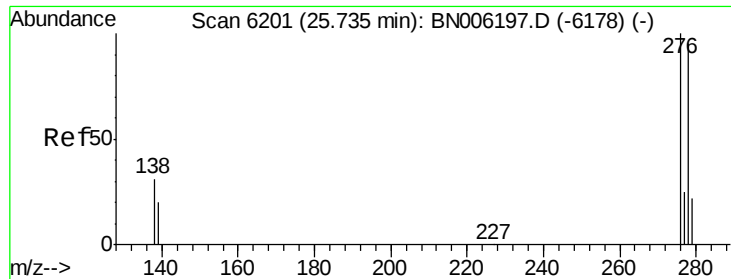


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

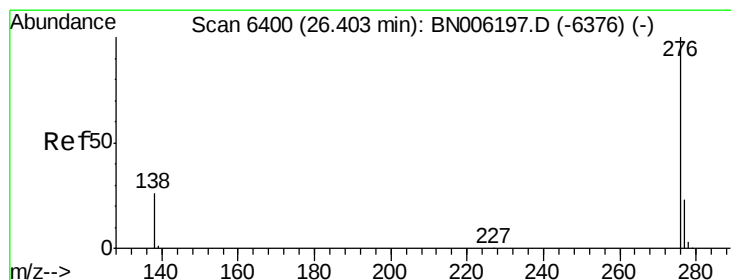
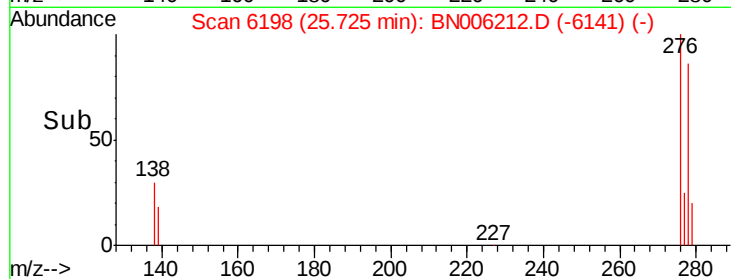
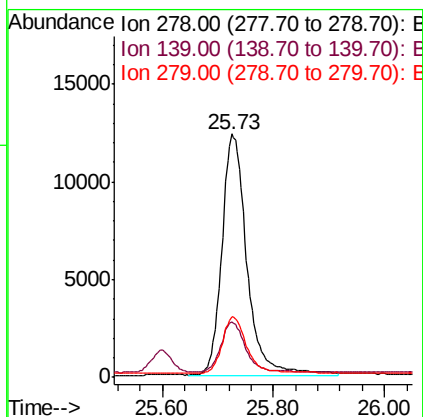
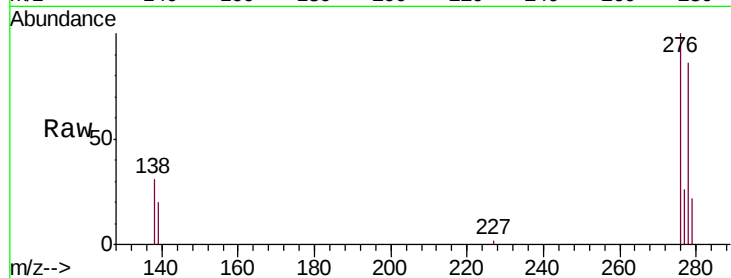




#25
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006212.D
Acq: 09 Jun 2019 04:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.404

Tgt Ion: 278 Resp: 38690
Ion Ratio Lower Upper
278 100
139 22.8 21.2 31.8
279 25.0 22.6 33.8



#26
Benzo(g,h,i)perylene
Concen: 0.430 ng/ul
RT: 26.40 min Scan# 6399
Delta R.T. -0.00 min
Lab File: BN006212.D
Acq: 09 Jun 2019 04:15

Tgt Ion: 276 Resp: 41189
Ion Ratio Lower Upper
276 100
138 26.9 24.2 36.4
277 23.9 21.5 32.3

