

Data File : BN003675.D
Acq On : 02 Dec 2018 00:04
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.479

Quant Time: Dec 03 02:03:31 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 : Mon Dec 03 02:00:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4964	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	19933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	10458	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	23982	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	23070	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	20716	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	12050	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	27176	0.39	ng/ul	0.00

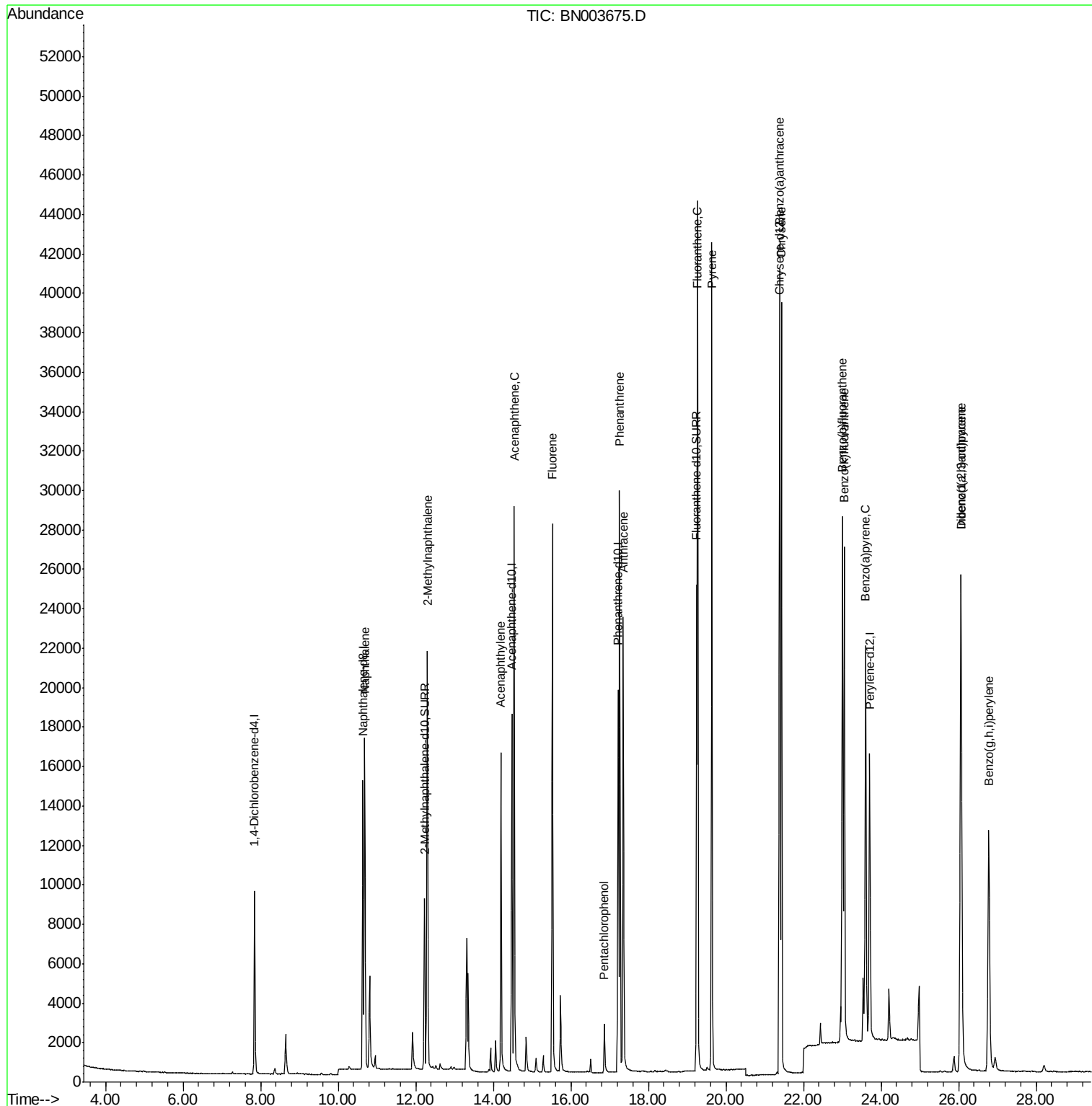
Target Compounds				Qvalue		
3) Naphthalene	10.69	128	22609	0.404	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	15876	0.406	ng/ul	99
7) Acenaphthylene	14.20	152	19781	0.420	ng/ul	100
8) Acenaphthene	14.54	153	16804	0.407	ng/ul	99
9) Fluorene	15.52	166	19069	0.396	ng/ul	99
11) Pentachlorophenol	16.87	266	1967	0.455	ng/ul	99
12) Phenanthrene	17.26	178	31992	0.406	ng/ul	99
13) Anthracene	17.35	178	27004	0.417	ng/ul	100
15) Fluoranthene	19.27	202	36830	0.396	ng/ul	98
17) Pyrene	19.63	202	35898	0.434	ng/ul	97
18) Benzo(a)anthracene	21.38	228	30667	0.421	ng/ul	99
19) Chrysene	21.43	228	33679	0.404	ng/ul	99
21) Benzo(b)fluoranthene	23.00	252	34718	0.405	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	33761	0.404	ng/ul	99
23) Benzo(a)pyrene	23.61	252	30268	0.408	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	32383	0.381	ng/ul	99
25) Dibenzo(a,h)anthracene	26.07	278	25366	0.370	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	27601	0.373	ng/ul	99

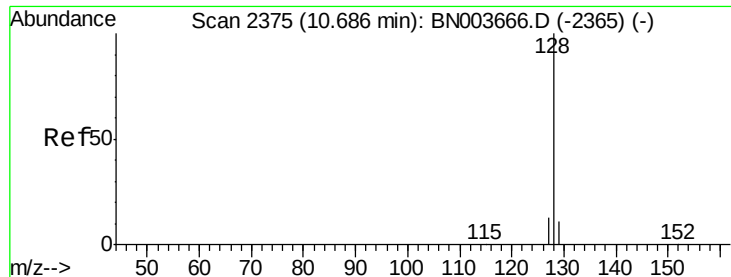
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 02:03:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 03 02:00:08 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.404 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.479

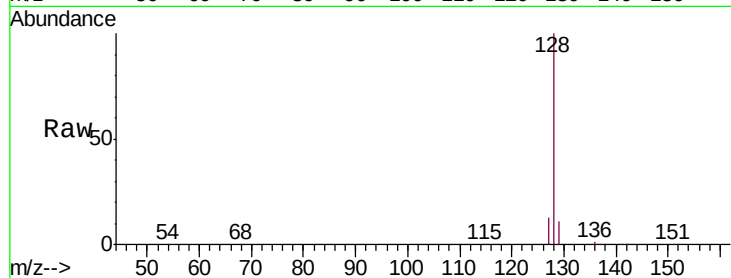
Tgt Ion:128 Resp: 22609

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

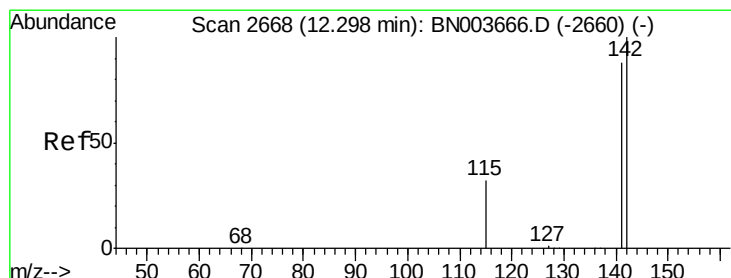
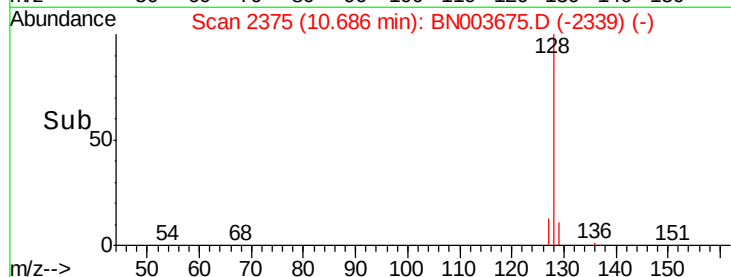
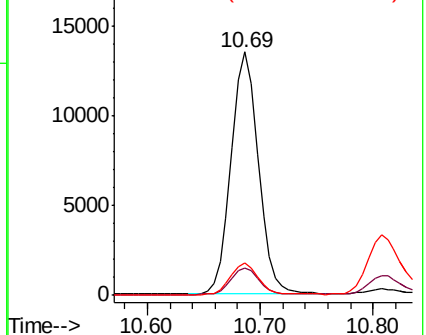
127 13.2 10.5 15.7



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: 0.406 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BN003675.D

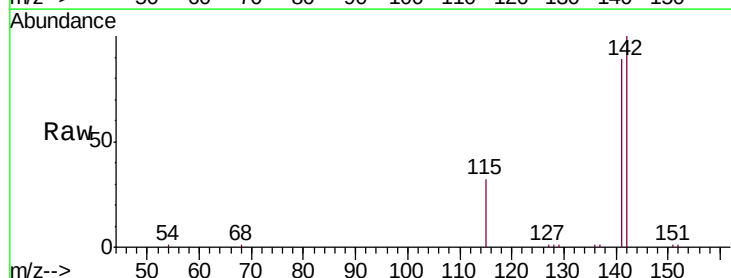
Acq: 02 Dec 2018 00:04

Tgt Ion:142 Resp: 15876

Ion Ratio Lower Upper

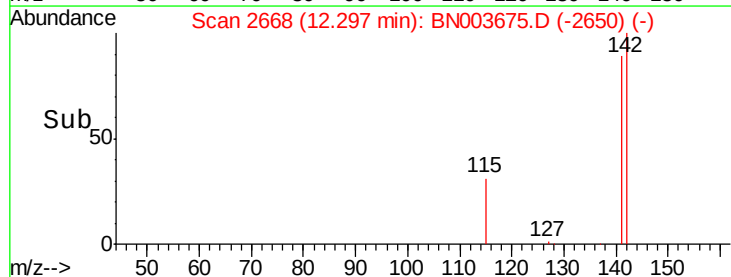
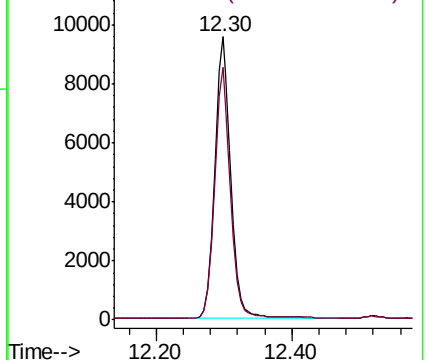
142 100

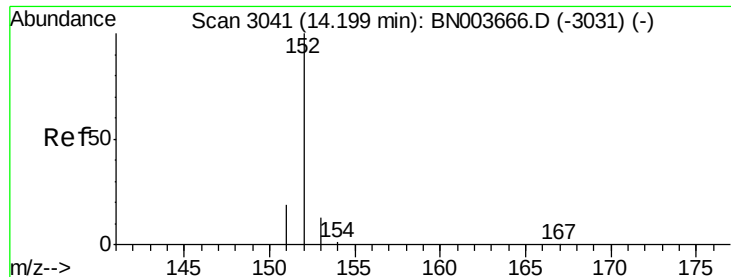
141 88.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.420 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.479

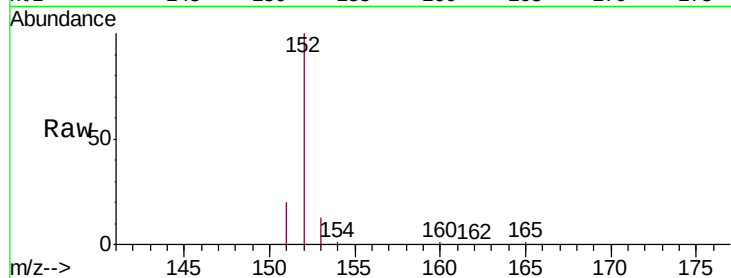
Tgt Ion:152 Resp: 19781

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

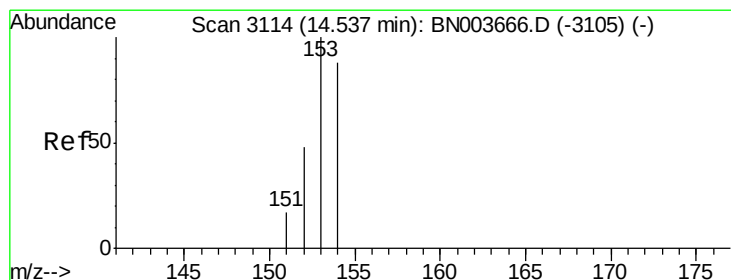
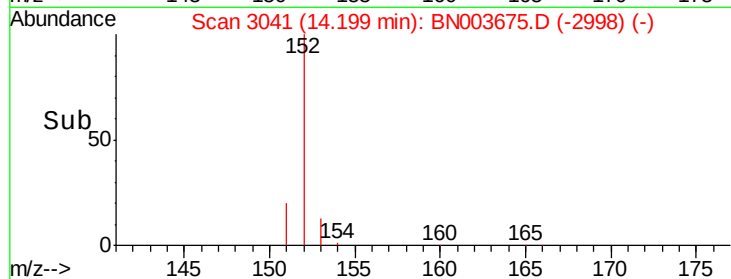
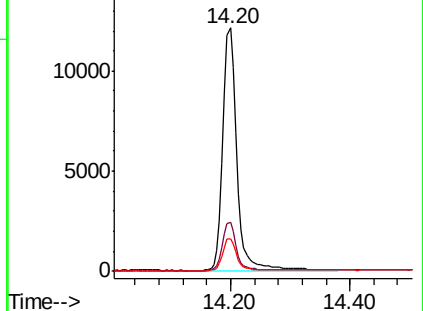
153 13.4 10.7 16.1



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: 0.407 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

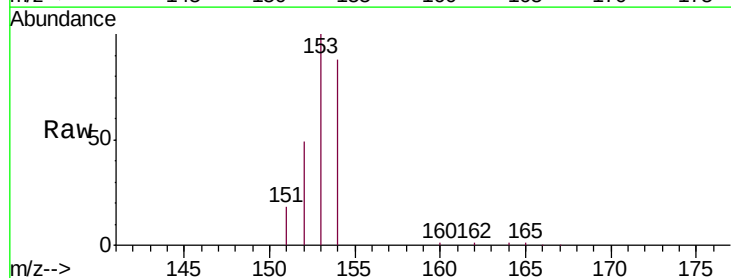
Tgt Ion:153 Resp: 16804

Ion Ratio Lower Upper

153 100

152 48.6 39.3 58.9

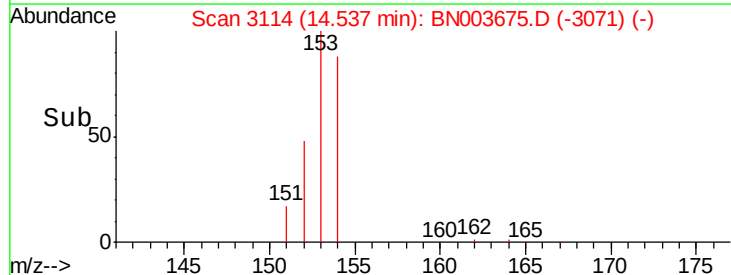
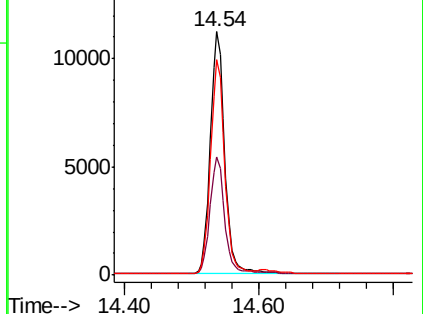
154 88.3 70.3 105.5

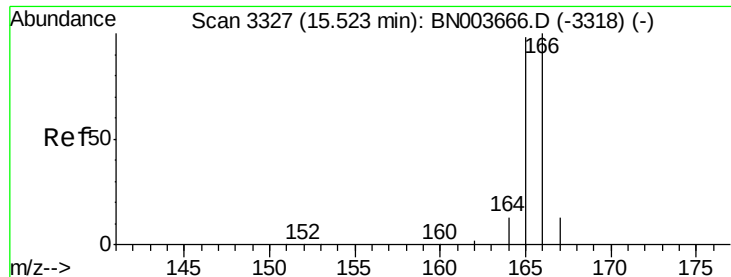


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.396 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.479

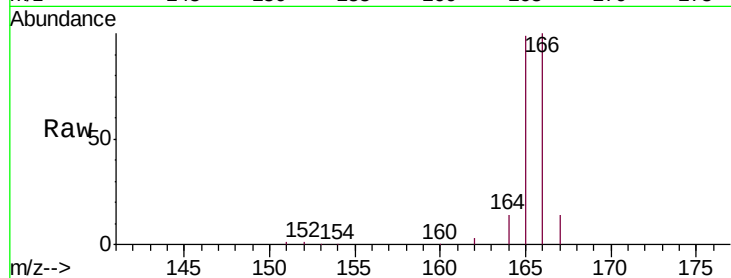
Tgt Ion:166 Resp: 19069

Ion Ratio Lower Upper

166 100

165 99.2 78.3 117.5

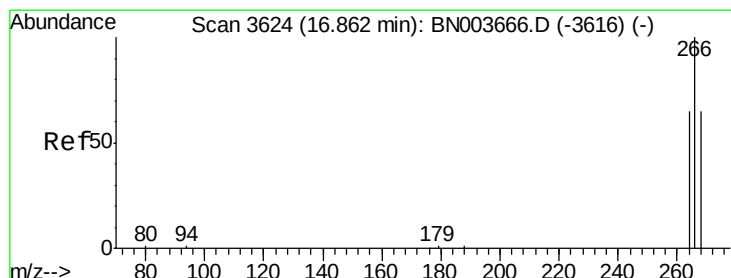
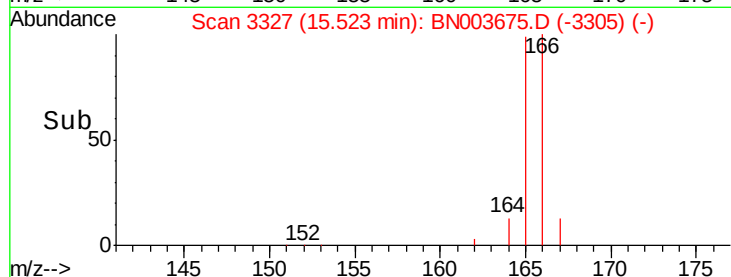
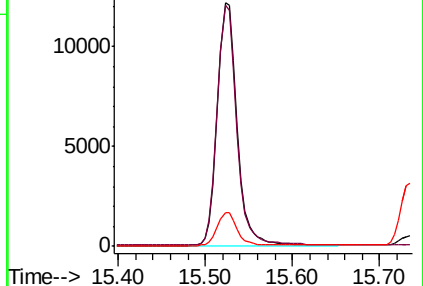
167 13.6 11.3 16.9



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: 0.455 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

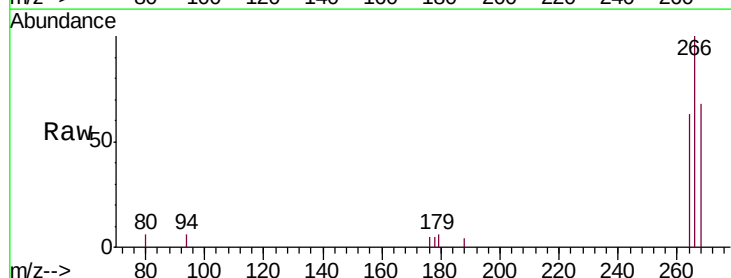
Tgt Ion:266 Resp: 1967

Ion Ratio Lower Upper

266 100

264 62.4 49.4 74.2

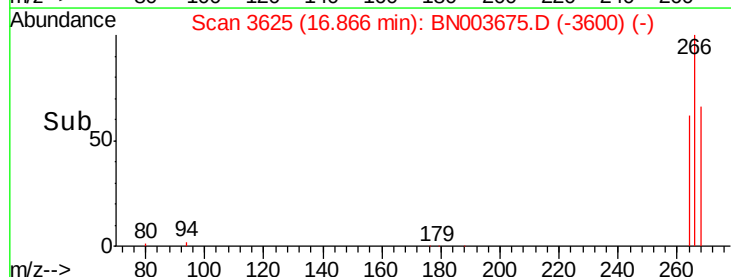
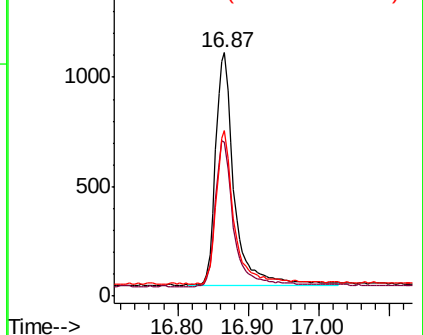
268 63.4 51.7 77.5

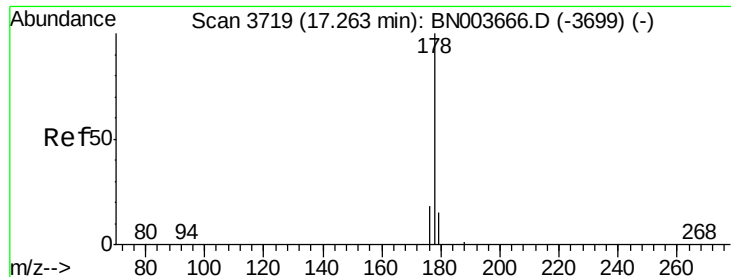


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.406 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.479

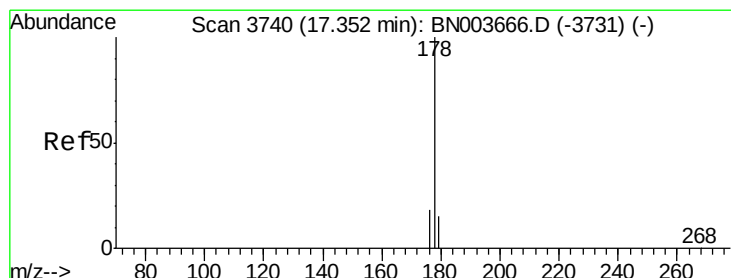
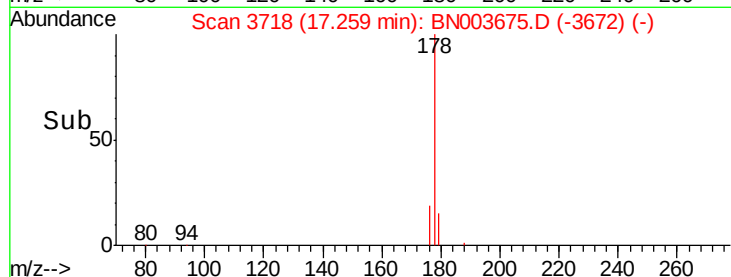
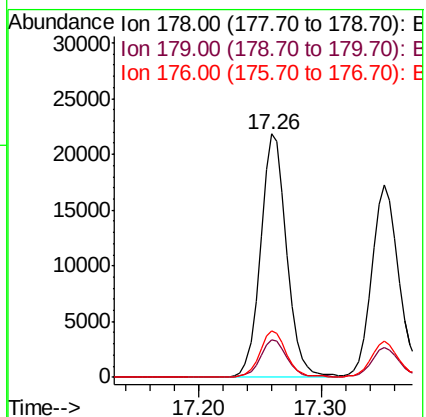
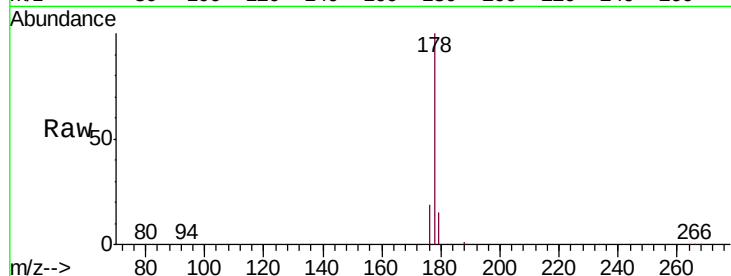
Tgt Ion:178 Resp: 31992

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.2 15.0 22.4



#13

Anthracene

Concen: 0.417 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

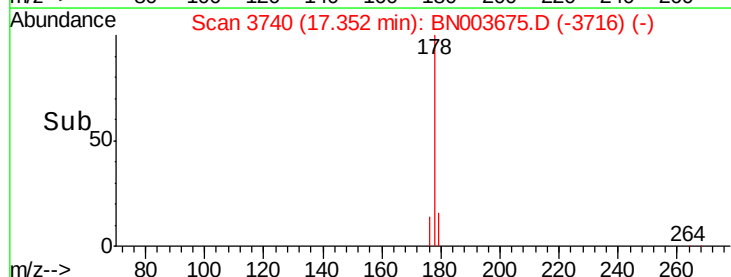
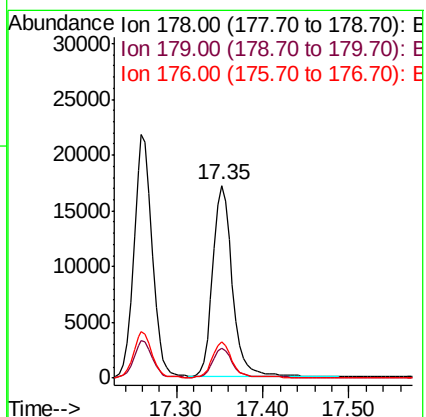
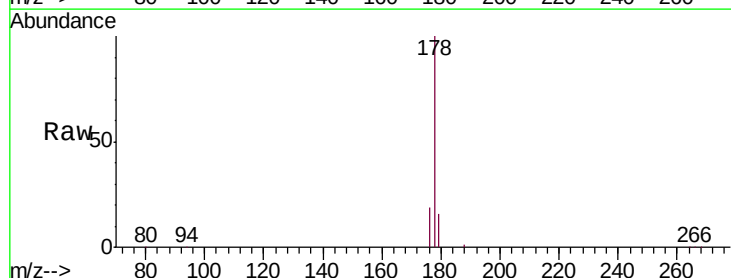
Tgt Ion:178 Resp: 27004

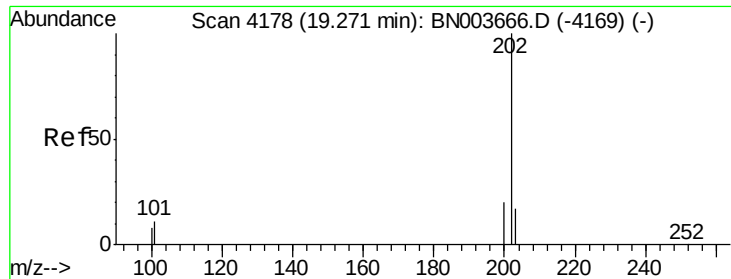
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.5 14.8 22.2

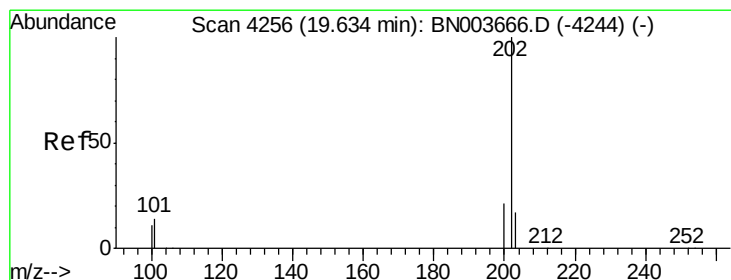
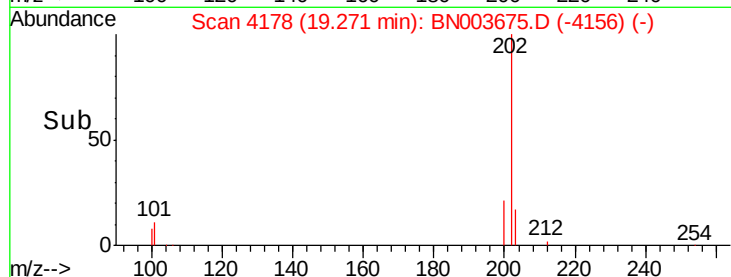
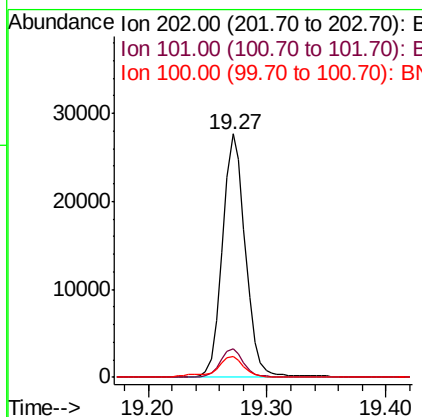
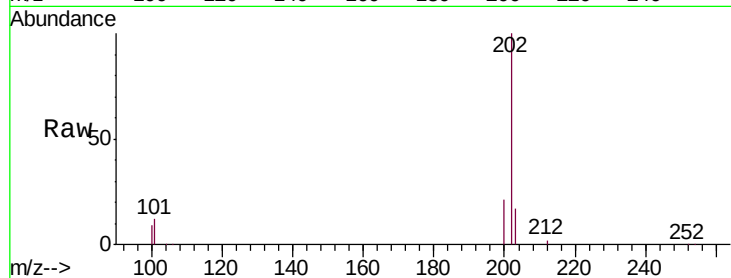




#15
Fluoranthene
 Concen: 0.396 ng/ul
 RT: 19.27 min Scan# 4178
 Delta R.T. -0.00 min
 Lab File: BN003675.D
 Acq: 02 Dec 2018 00:04

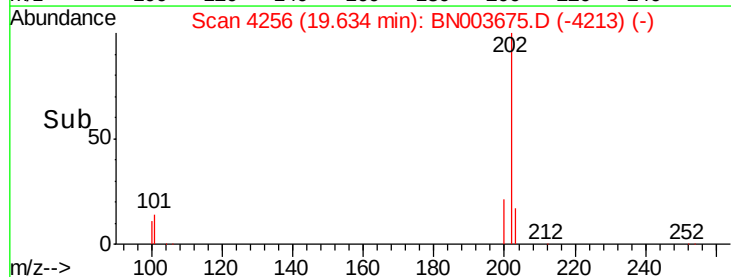
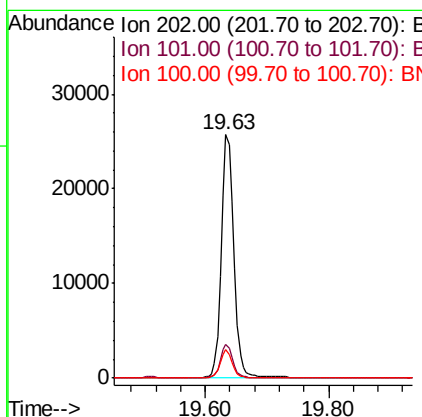
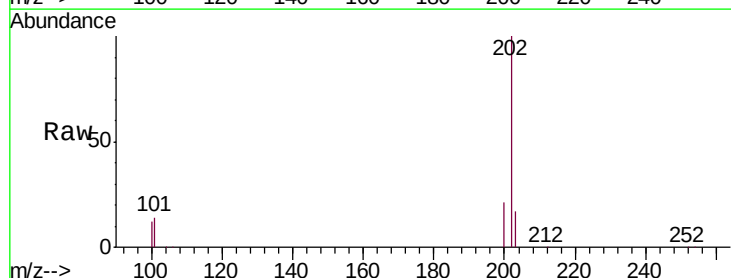
Instrument :
 BNA_N
 ClientSampleId :
 SST0.479

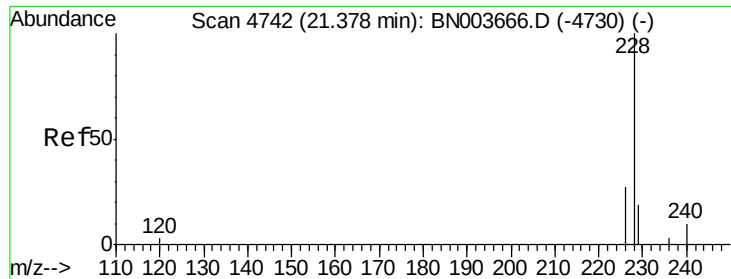
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
100	8.6	0.0	28.1



#17
Pyrene
 Concen: 0.434 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003675.D
 Acq: 02 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
100	11.6	8.5	12.7





#18

Benzo(a)anthracene

Concen: 0.421 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

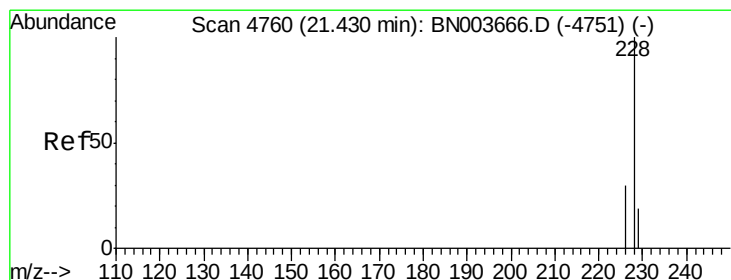
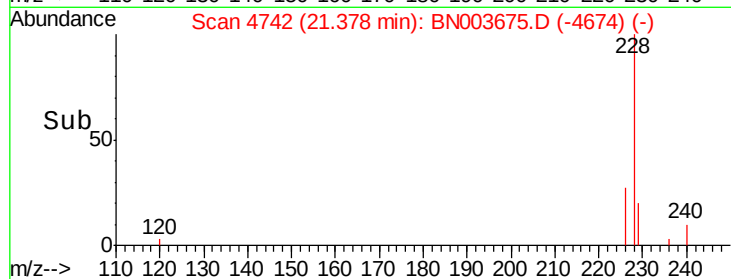
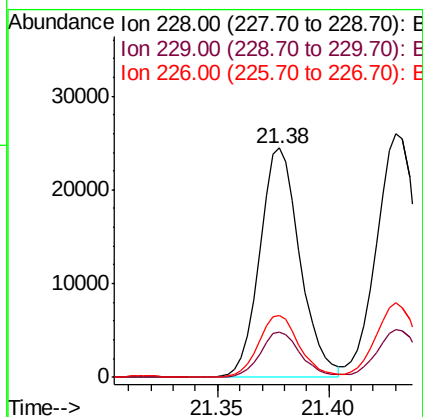
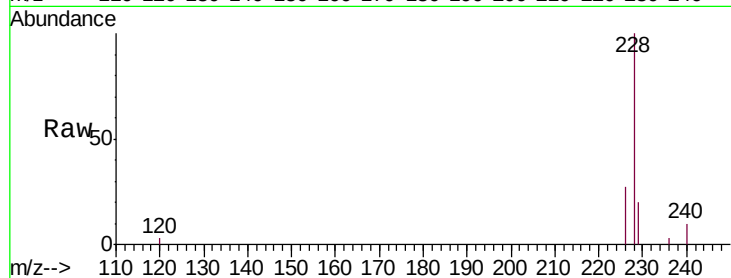
Instrument :

BNA_N

ClientSampleId :

SSTD0.479

Tgt Ion:	228	Resp:	30667
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	27.1	21.1	31.7



#19

Chrysene

Concen: 0.404 ng/ul

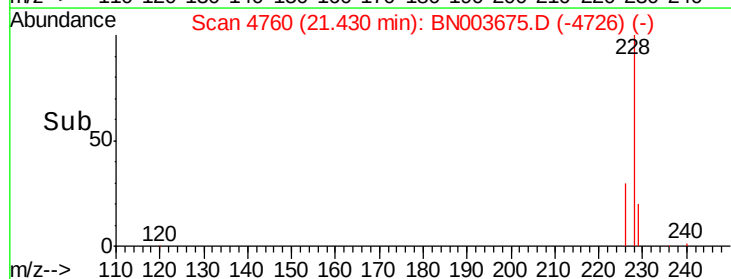
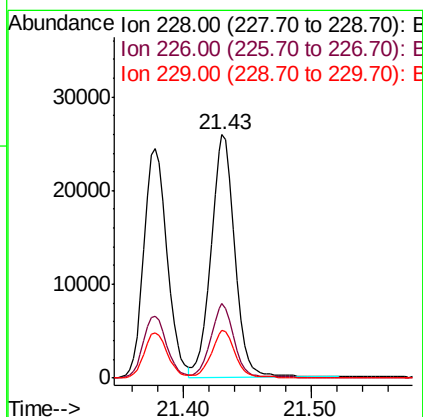
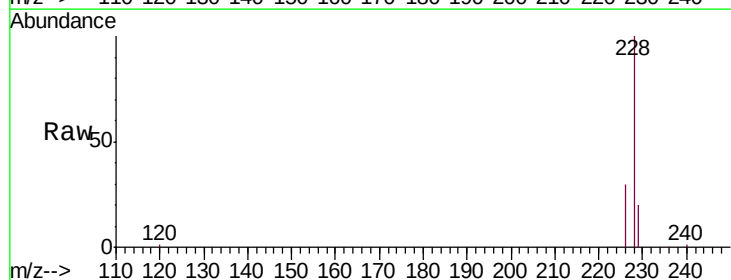
RT: 21.43 min Scan# 4760

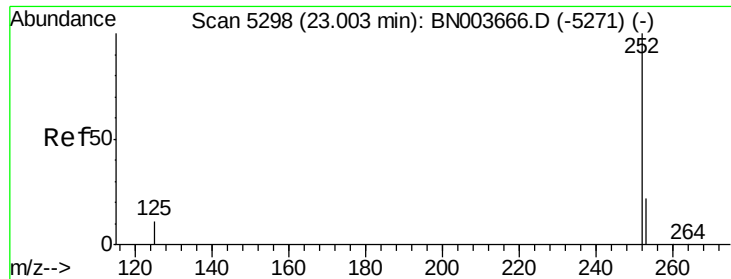
Delta R.T. -0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

Tgt Ion:	228	Resp:	33679
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.7	15.7	23.5





#21

Benzo(b)fluoranthene

Concen: 0.405 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.479

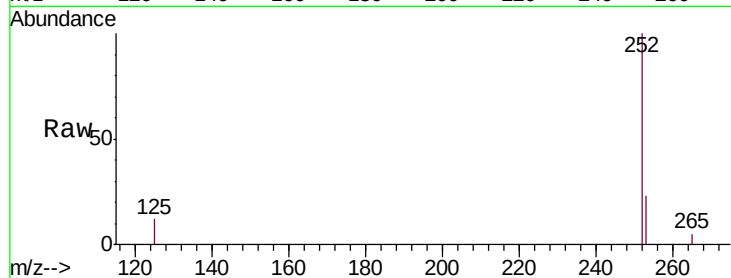
Tgt Ion:252 Resp: 34718

Ion Ratio Lower Upper

252 100

253 23.2 0.0 46.0

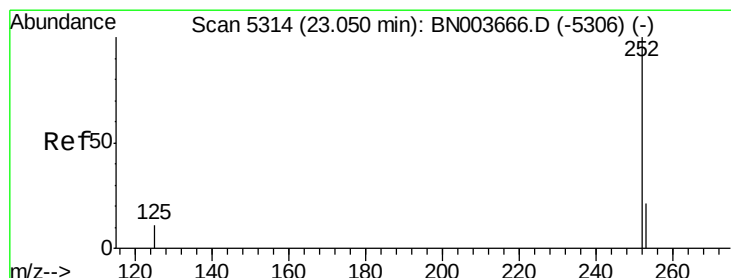
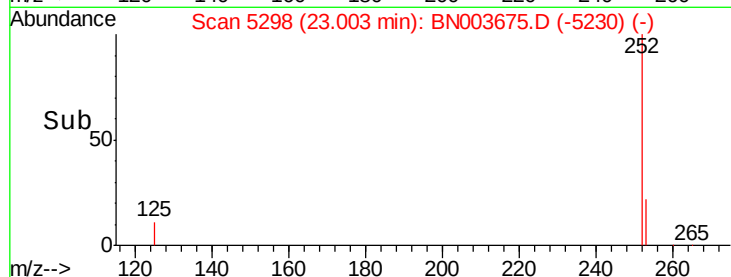
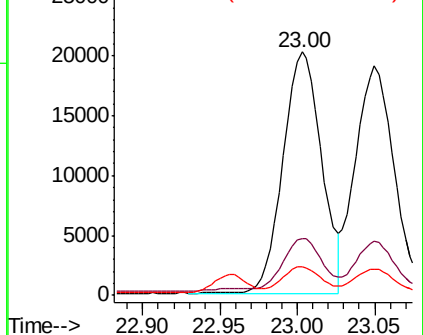
125 11.7 0.0 22.4



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: 0.404 ng/ul

RT: 23.05 min Scan# 5314

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

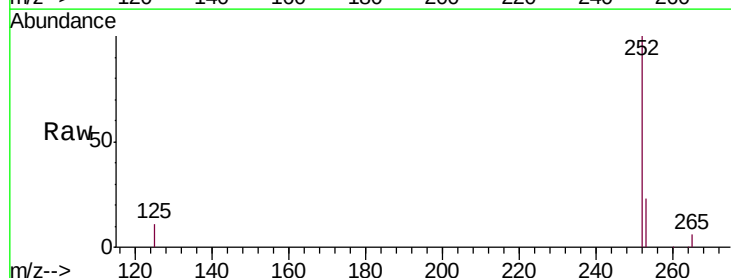
Tgt Ion:252 Resp: 33761

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

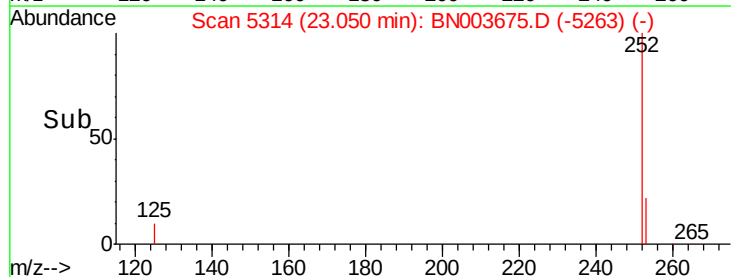
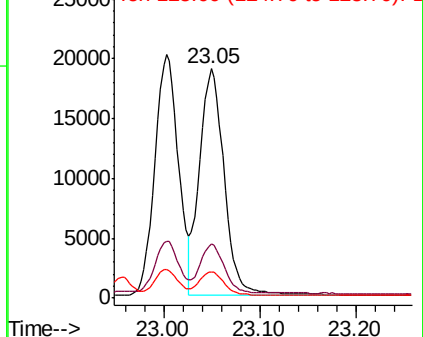
125 11.5 9.0 13.6

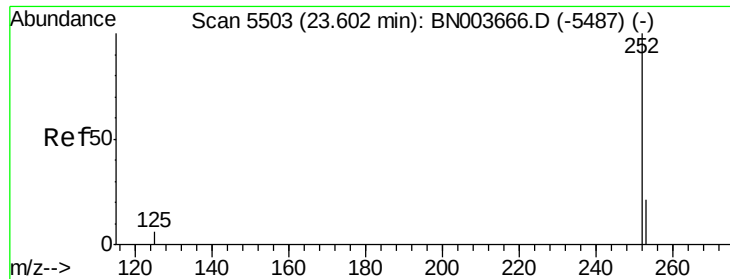


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.408 ng/ul

RT: 23.61 min Scan# 5504

Delta R.T. 0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.479

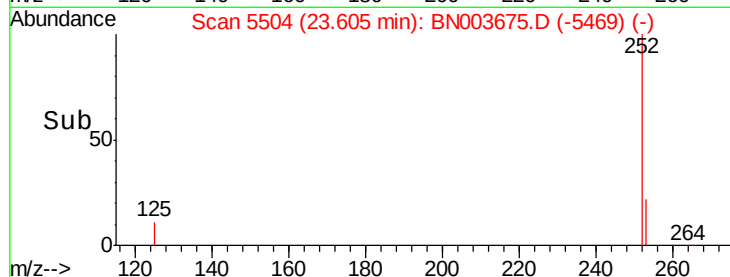
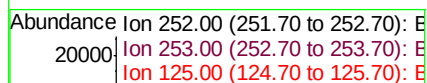
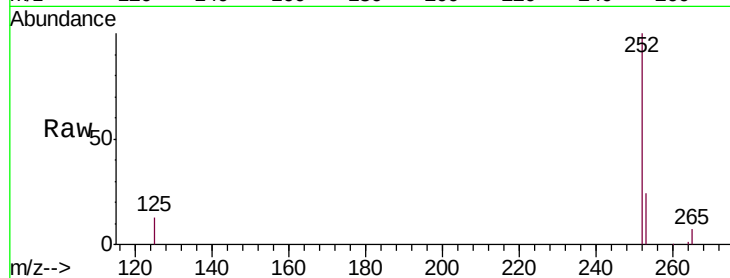
Tgt Ion:252 Resp: 30268

Ion Ratio Lower Upper

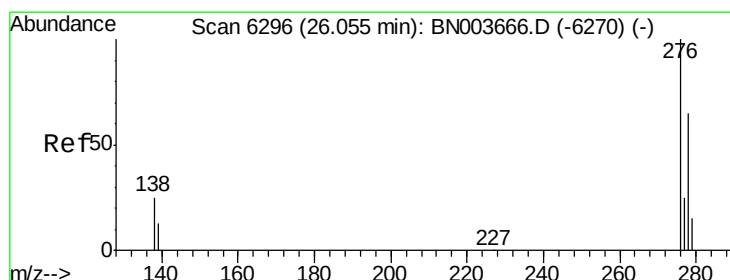
252 100

253 24.1 19.0 28.4

125 12.9 10.2 15.4



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng/ul

RT: 26.06 min Scan# 6296

Delta R.T. -0.00 min

Lab File: BN003675.D

Acq: 02 Dec 2018 00:04

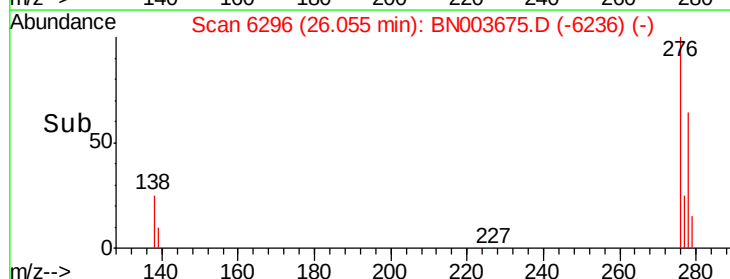
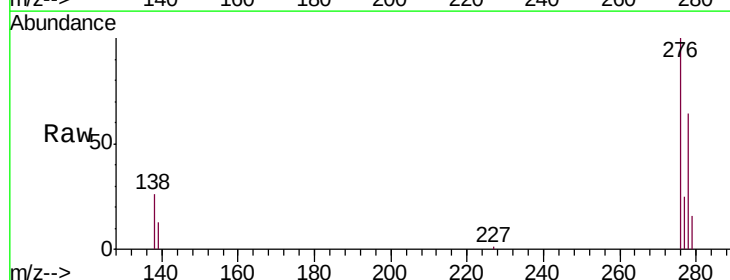
Tgt Ion:276 Resp: 32383

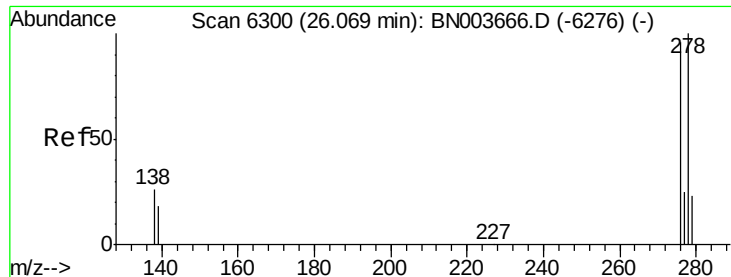
Ion Ratio Lower Upper

276 100

138 25.9 20.3 30.5

227 0.2 0.2 0.2



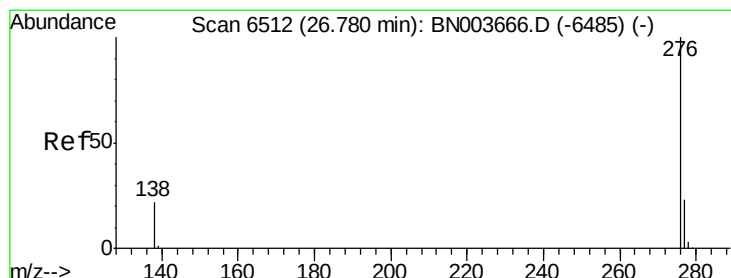
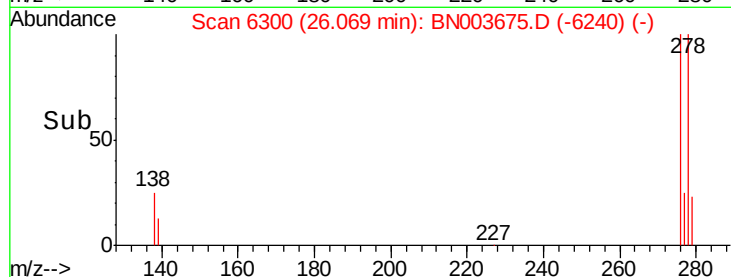
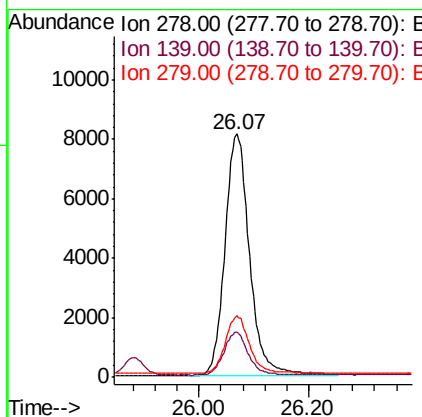
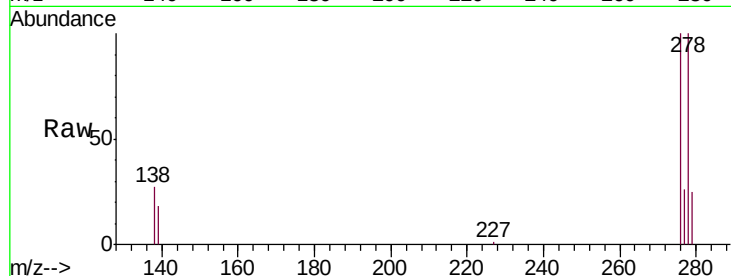


#25
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.00 min
Lab File: BN003675.D
Acq: 02 Dec 2018 00:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.479

Tgt Ion: 278 Resp: 25366

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.2	21.4
279	25.2	19.8	29.6



#26
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 26.78 min Scan# 6512
Delta R.T. 0.00 min
Lab File: BN003675.D
Acq: 02 Dec 2018 00:04

Tgt Ion: 276 Resp: 27601

Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.7	26.5
277	23.9	19.3	28.9

