

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
 Data File : BN005742.D
 Acq On : 17 May 2019 22:27
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.481

Quant Time: May 18 00:51:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 17 04:47:07 2019
 Response via : Initial Calibration

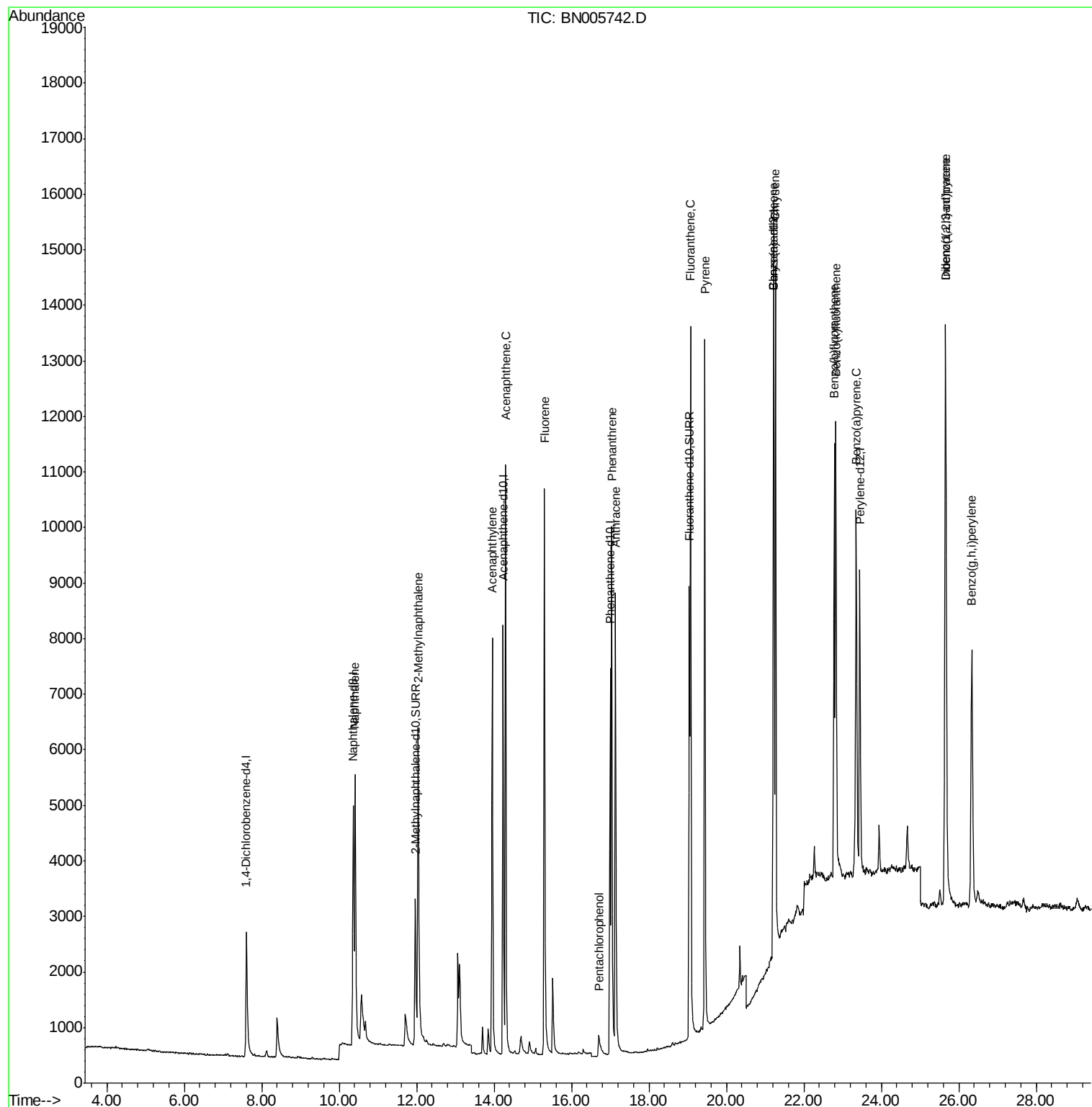
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1977	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	7884	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	4694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10235	0.40	ng/ul	0.01
16) Chrysene-d12	21.23	240	7433	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7648	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5289	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	11206	0.35	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	8527	0.409	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	6151	0.432	ng/ul	99
7) Acenaphthylene	13.95	152	10246	0.434	ng/ul	99
8) Acenaphthene	14.30	153	6930	0.414	ng/ul	98
9) Fluorene	15.30	166	8051	0.412	ng/ul	99
11) Pentachlorophenol	16.70	266	851	0.321	ng/ul	91
12) Phenanthrene	17.04	178	11862	0.425	ng/ul	99
13) Anthracene	17.13	178	11776	0.423	ng/ul	99
15) Fluoranthene	19.07	202	13283	0.344	ng/ul	96
17) Pyrene	19.44	202	13410	0.489	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	11402	0.445	ng/ul#	92
19) Chrysene	21.27	228	11691	0.371	ng/ul#	90
21) Benzo(b)fluoranthene	22.79	252	10858	0.472	ng/ul	81
22) Benzo(k)fluoranthene	22.83	252	11308	0.392	ng/ul#	82
23) Benzo(a)pyrene	23.35	252	10830	0.421	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.66	276	12611	0.439	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.66	278	10202	0.429	ng/ul#	82
26) Benzo(g,h,i)perylene	26.34	276	10763	0.439	ng/ul#	88

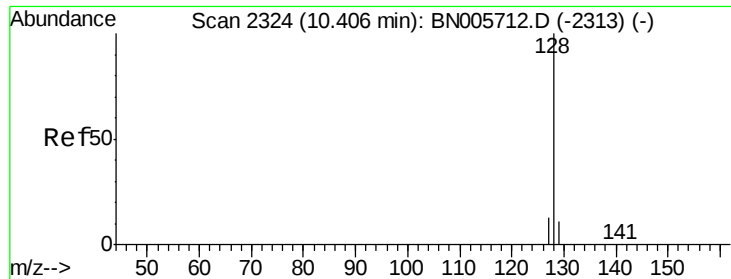
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
Data File : BN005742.D
Acq On : 17 May 2019 22:27
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.481

Quant Time: May 18 00:51:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 04:47:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.481

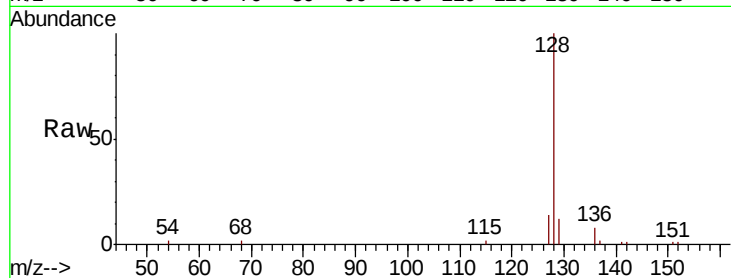
Tgt Ion:128 Resp: 8527

Ion Ratio Lower Upper

128 100

129 12.4 10.2 15.2

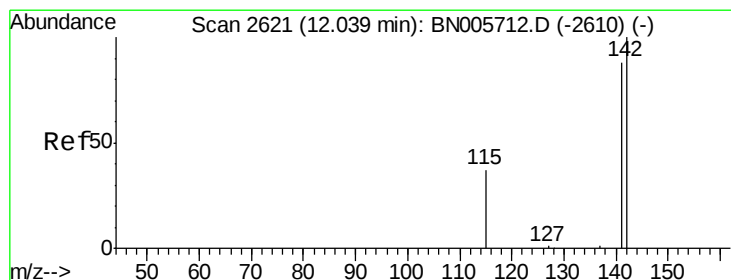
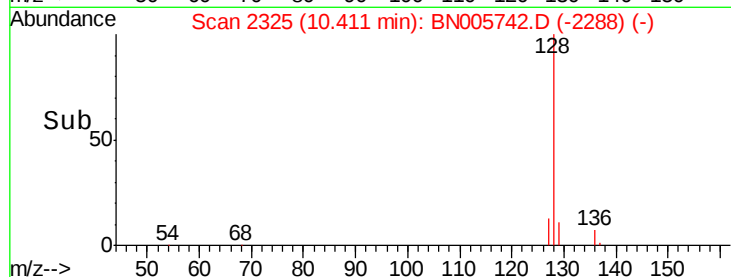
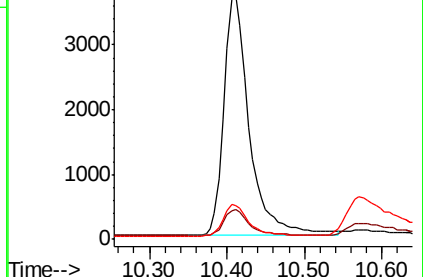
127 14.0 11.8 17.8



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: 0.432 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BN005742.D

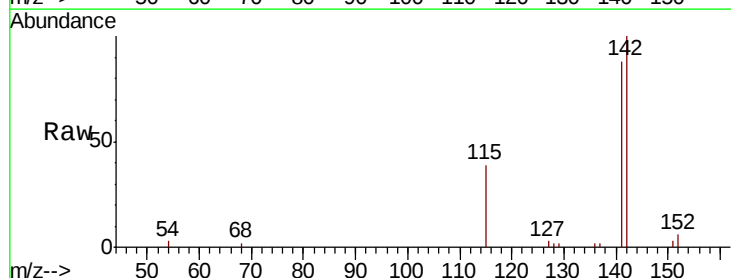
Acq: 17 May 2019 22:27

Tgt Ion:142 Resp: 6151

Ion Ratio Lower Upper

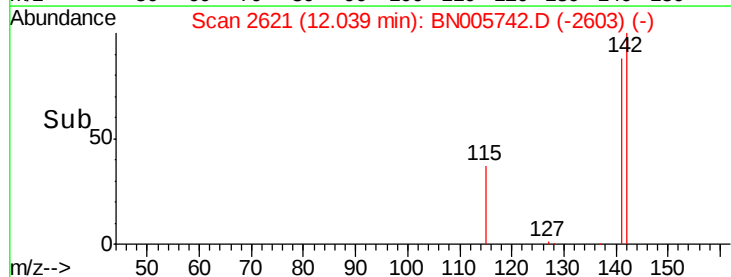
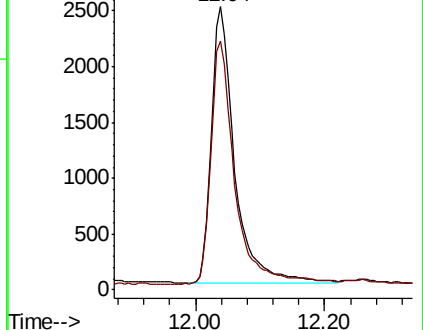
142 100

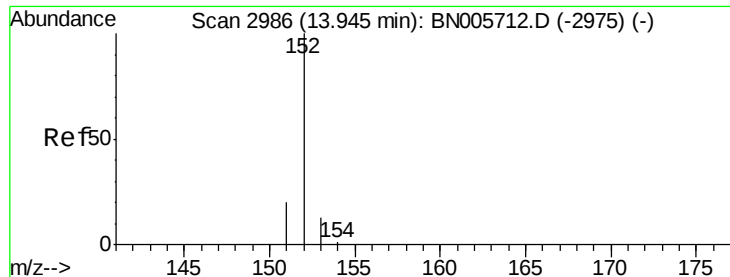
141 91.1 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.434 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.481

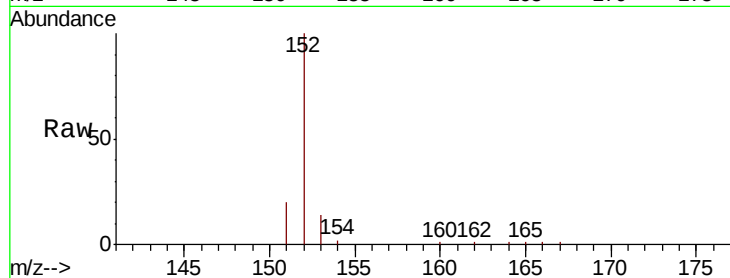
Tgt Ion:152 Resp: 10246

Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1

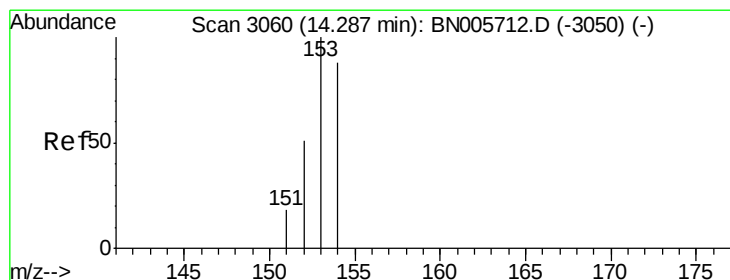
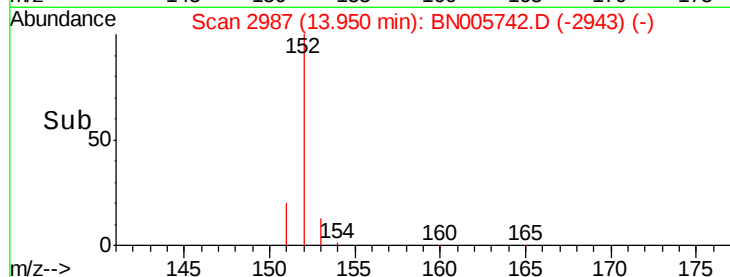
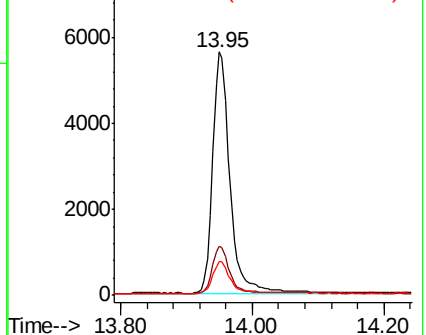
153 13.8 11.6 17.4



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: 0.414 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

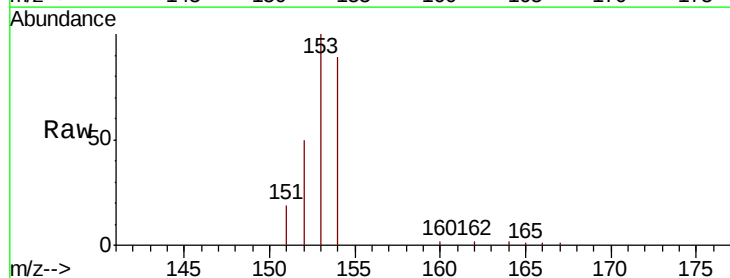
Tgt Ion:153 Resp: 6930

Ion Ratio Lower Upper

153 100

152 50.4 40.8 61.2

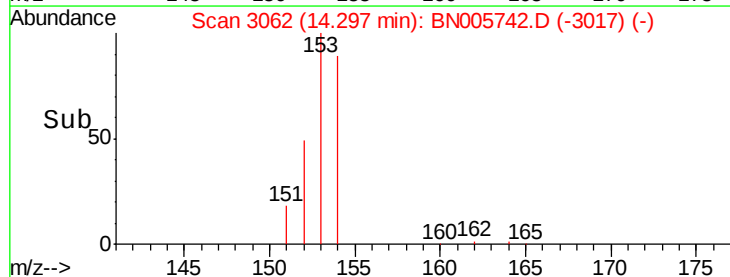
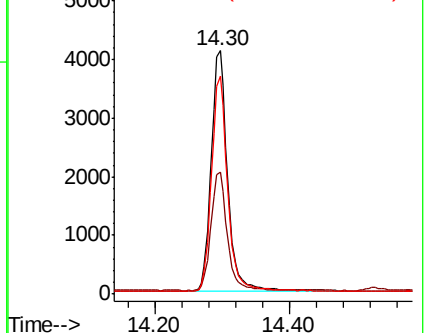
154 89.4 73.2 109.8

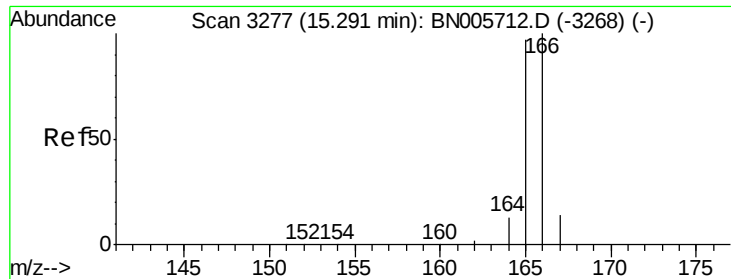


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

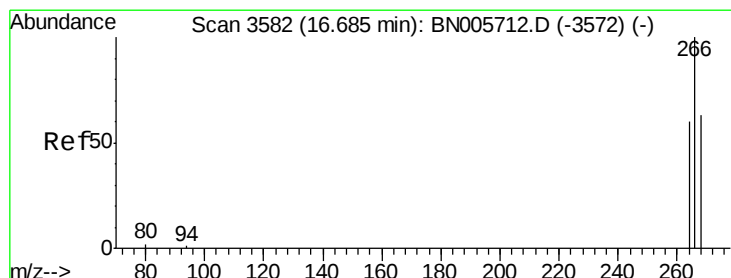
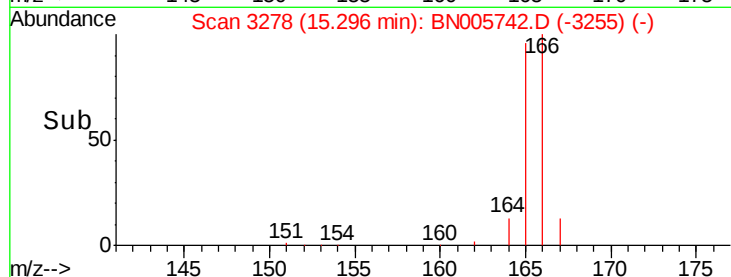
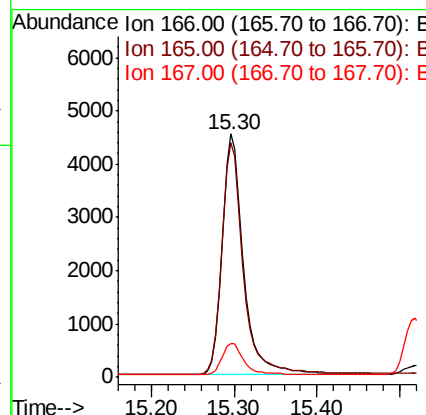
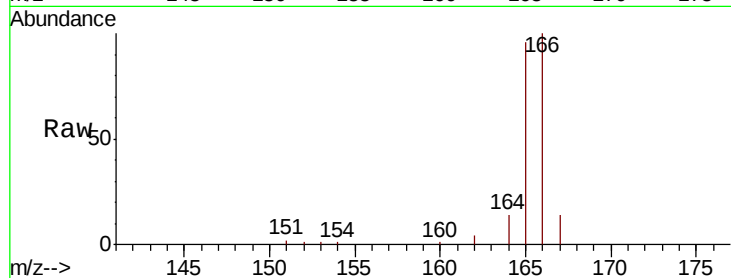




#9
Fluorene
 Concen: 0.412 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. 0.00 min
 Lab File: BN005742.D
 Acq: 17 May 2019 22:27

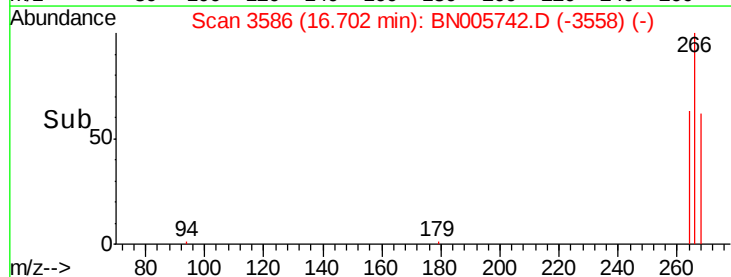
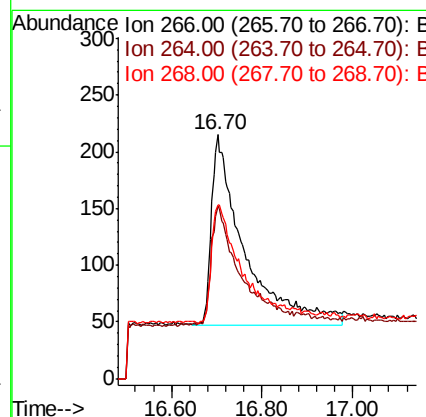
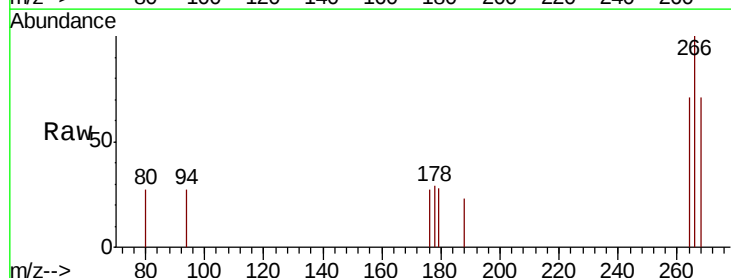
Instrument :
 BNA_N
 ClientSampleId :
 SST0.481

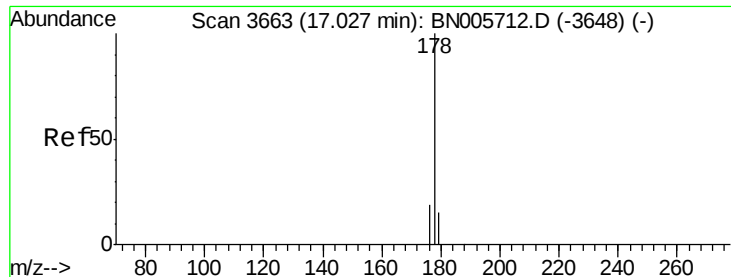
Tgt Ion:166 Resp: 8051
 Ion Ratio Lower Upper
 166 100
 165 96.4 78.0 117.0
 167 14.0 12.2 18.4



#11
Pentachlorophenol
 Concen: 0.321 ng/ul
 RT: 16.70 min Scan# 3586
 Delta R.T. 0.02 min
 Lab File: BN005742.D
 Acq: 17 May 2019 22:27

Tgt Ion:266 Resp: 851
 Ion Ratio Lower Upper
 266 100
 264 61.2 55.3 82.9
 268 63.3 56.7 85.1





#12

Phenanthrene

Concen: 0.425 ng/ul

RT: 17.04 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.481

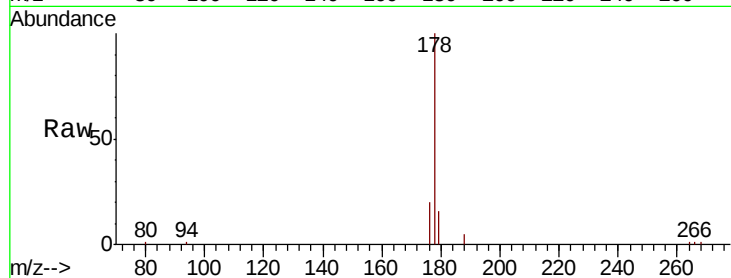
Tgt Ion:178 Resp: 11862

Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

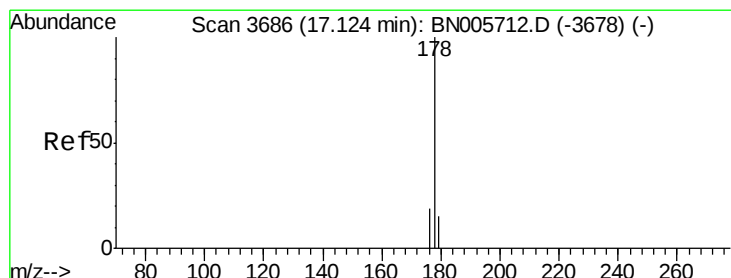
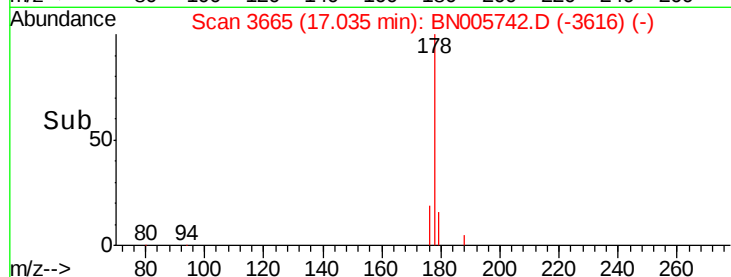
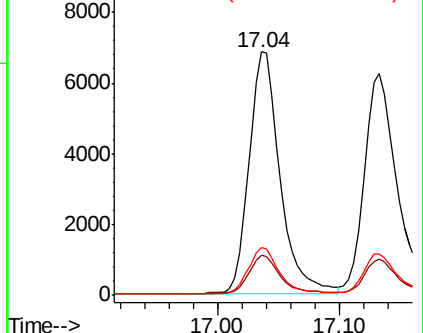
176 19.5 15.3 22.9



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: 0.423 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

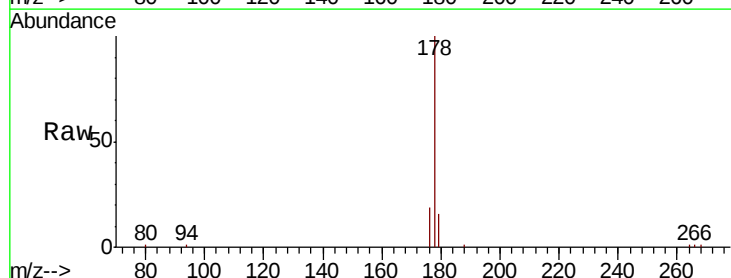
Tgt Ion:178 Resp: 11776

Ion Ratio Lower Upper

178 100

179 16.3 13.4 20.2

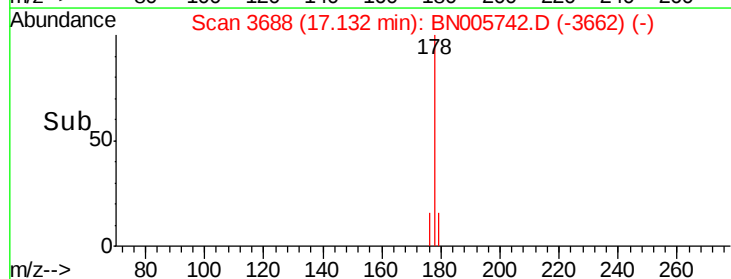
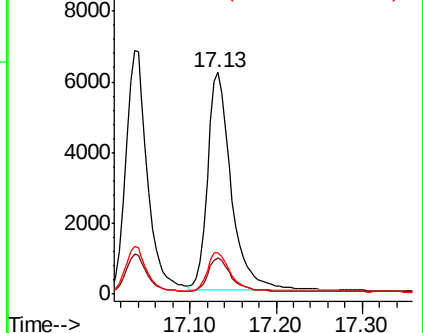
176 18.8 15.1 22.7

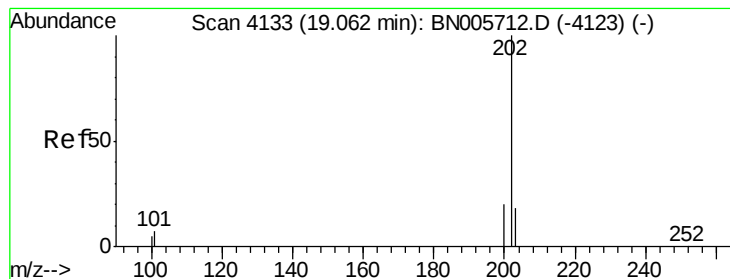


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.344 ng/ul

RT: 19.07 min Scan# 4135

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.481

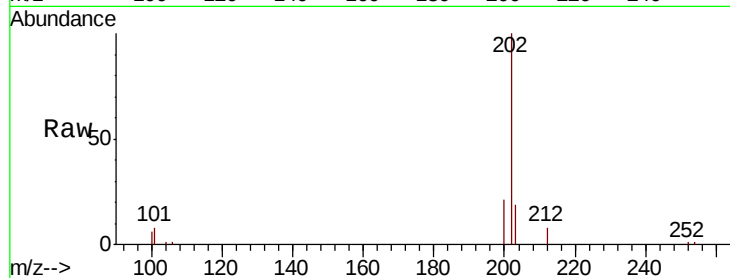
Tgt Ion:202 Resp: 13283

Ion Ratio Lower Upper

202 100

101 7.8 0.0 29.4

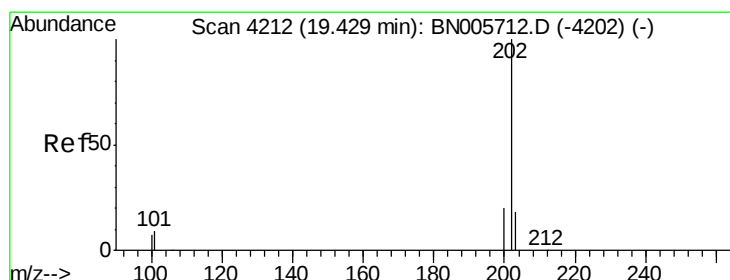
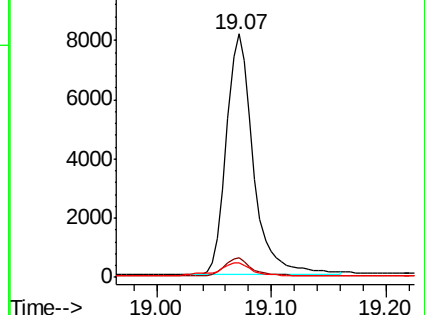
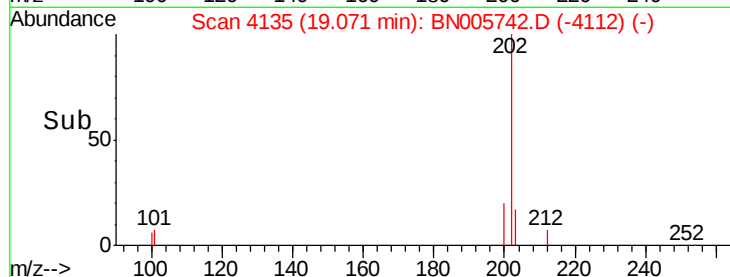
100 6.1 0.0 27.1



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: 0.489 ng/ul

RT: 19.44 min Scan# 4214

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

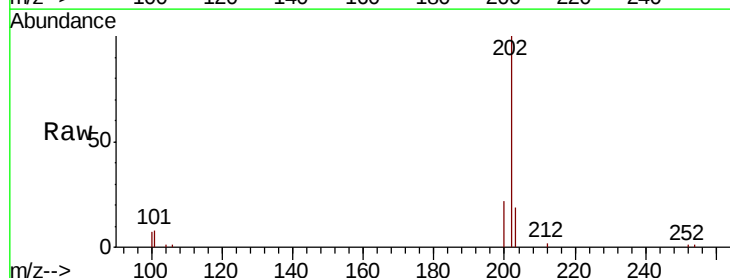
Tgt Ion:202 Resp: 13410

Ion Ratio Lower Upper

202 100

101 8.4 8.5 12.7#

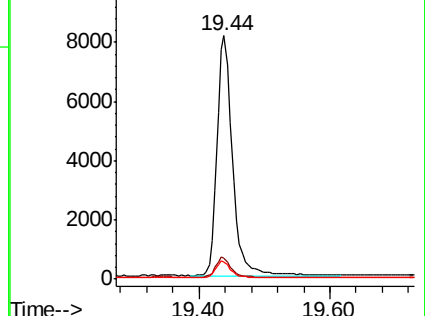
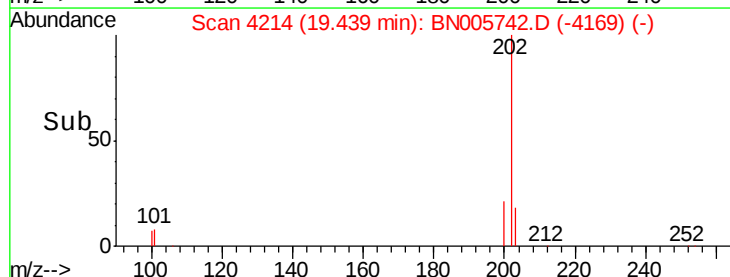
100 7.2 6.9 10.3

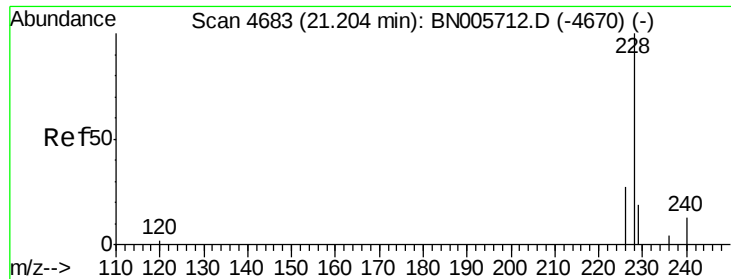


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.445 ng/ul

RT: 21.21 min Scan# 4686

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.481

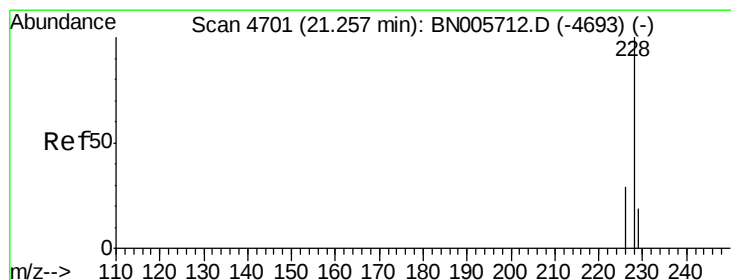
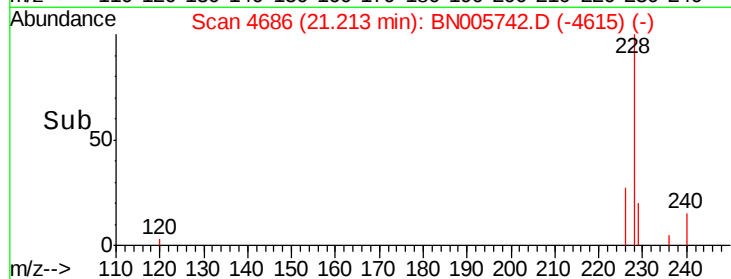
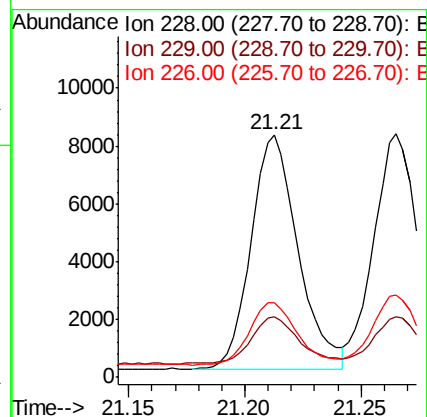
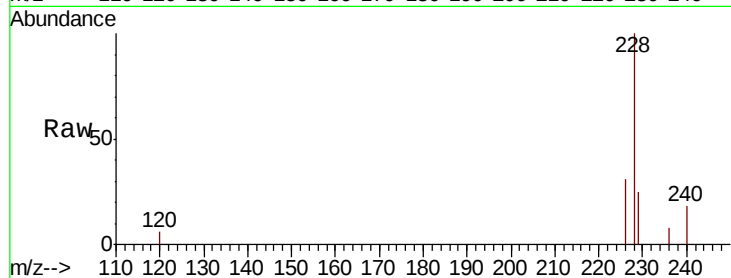
Tgt Ion:228 Resp: 11402

Ion Ratio Lower Upper

228 100

229 24.8 15.8 23.8#

226 30.6 21.7 32.5



#19

Chrysene

Concen: 0.371 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

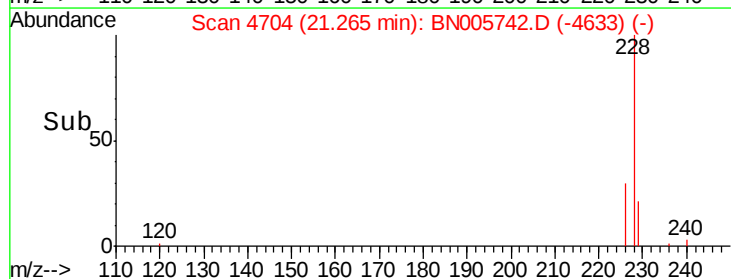
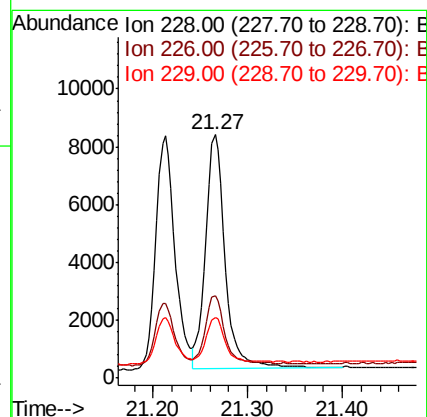
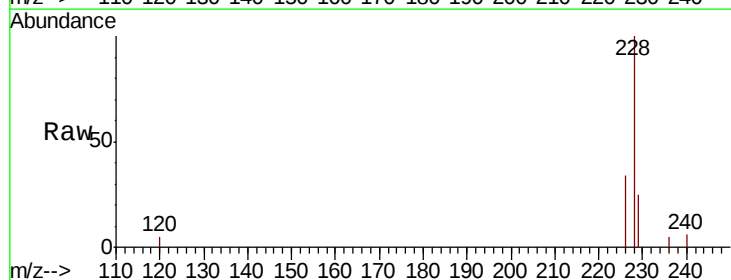
Tgt Ion:228 Resp: 11691

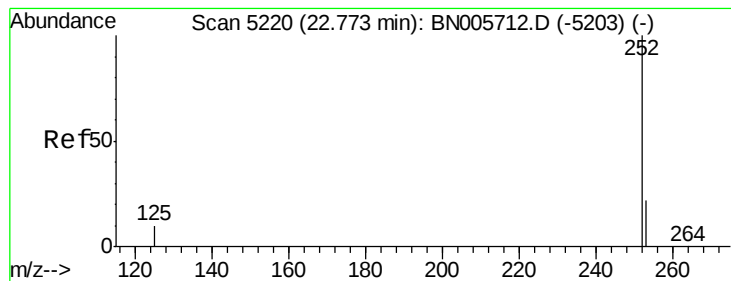
Ion Ratio Lower Upper

228 100

226 33.9 23.2 34.8

229 25.1 16.0 24.0#





#21

Benzo(b)fluoranthene

Concen: 0.472 ng/ul

RT: 22.79 min Scan# 5225

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.481

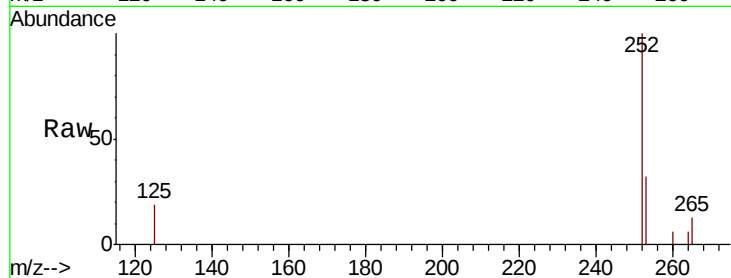
Tgt Ion:252 Resp: 10858

Ion Ratio Lower Upper

252 100

253 31.9 0.0 47.6

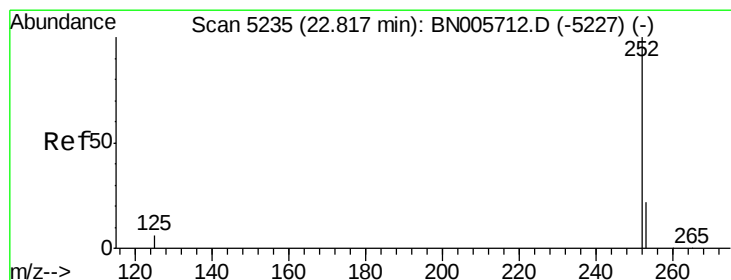
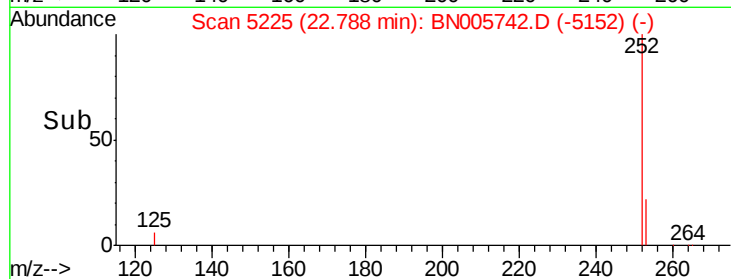
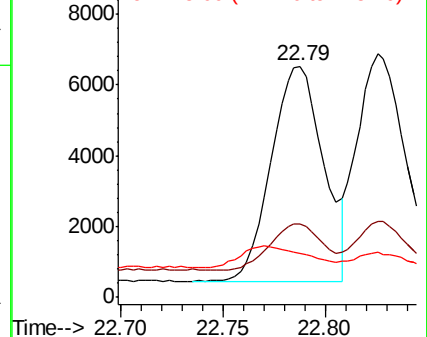
125 19.1 0.0 20.8



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: 0.392 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

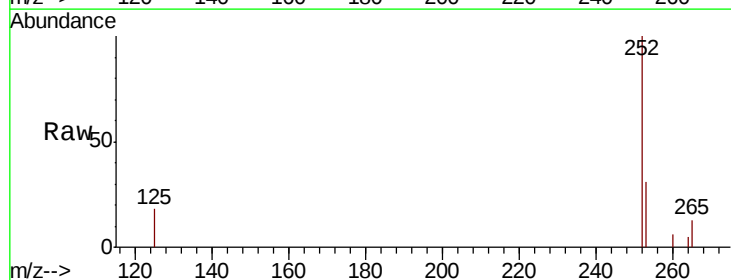
Tgt Ion:252 Resp: 11308

Ion Ratio Lower Upper

252 100

253 31.1 18.8 28.2#

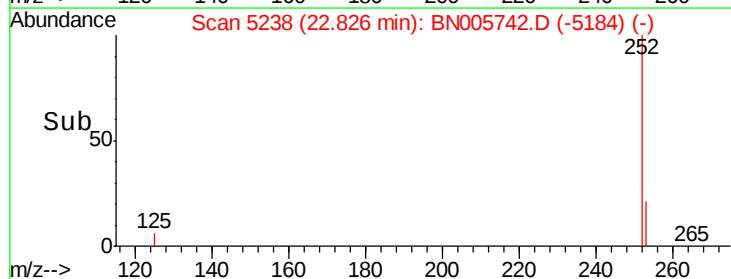
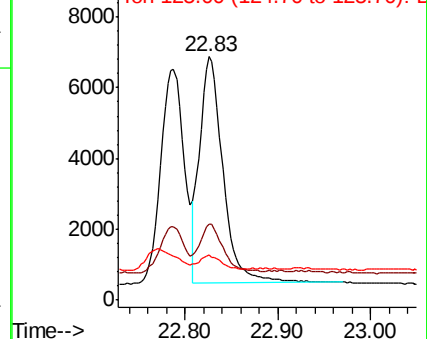
125 18.4 7.6 11.4#

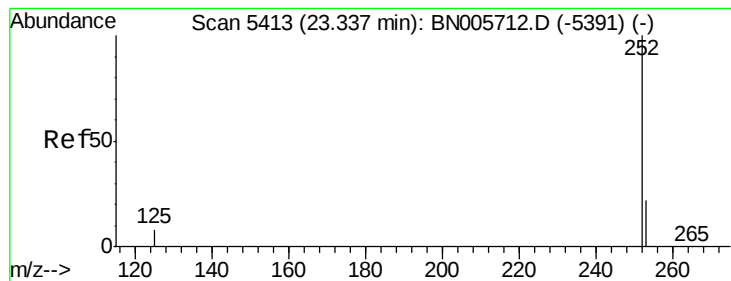


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.421 ng/ul

RT: 23.35 min Scan# 5417

Delta R.T. 0.01 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.481

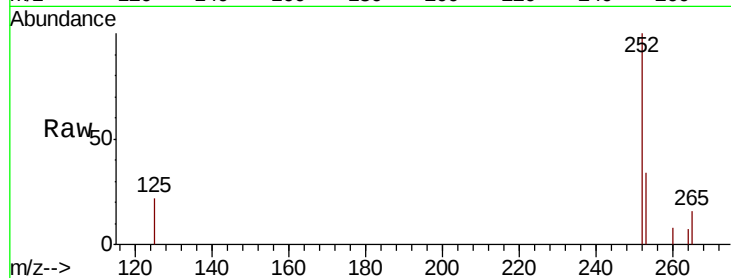
Tgt Ion:252 Resp: 10830

Ion Ratio Lower Upper

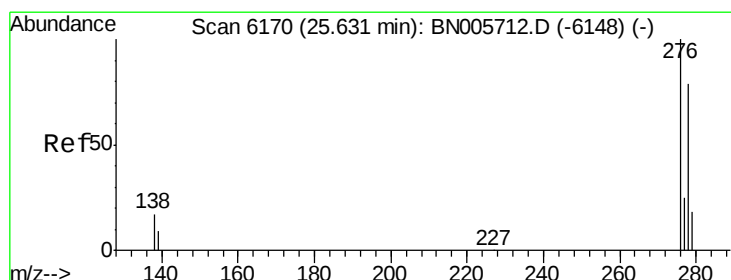
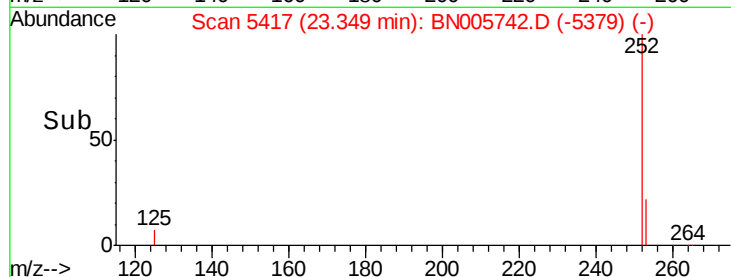
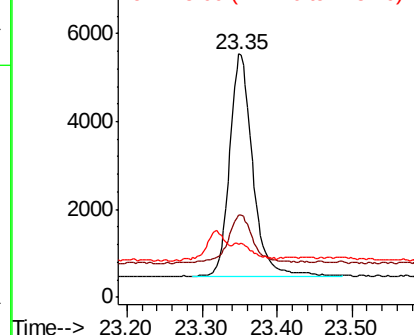
252 100

253 33.8 19.6 29.4#

125 21.8 10.1 15.1#



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: 0.439 ng/ul

RT: 25.66 min Scan# 6178

Delta R.T. 0.03 min

Lab File: BN005742.D

Acq: 17 May 2019 22:27

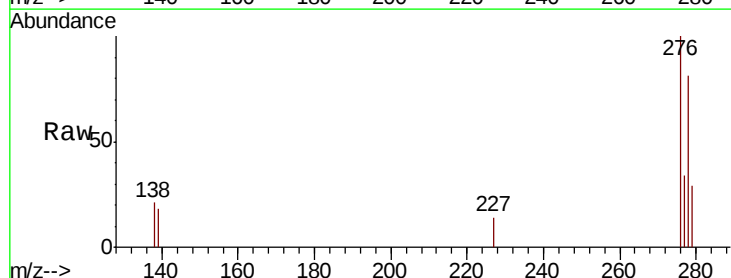
Tgt Ion:276 Resp: 12611

Ion Ratio Lower Upper

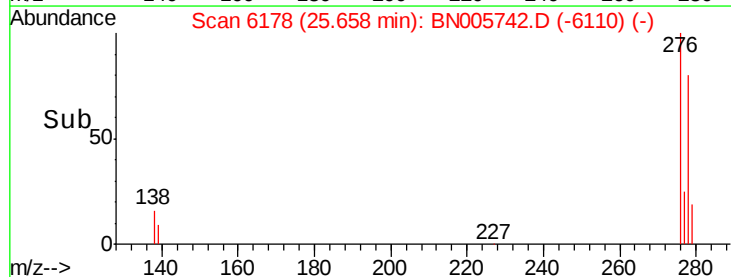
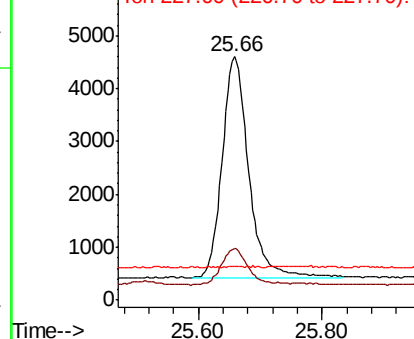
276 100

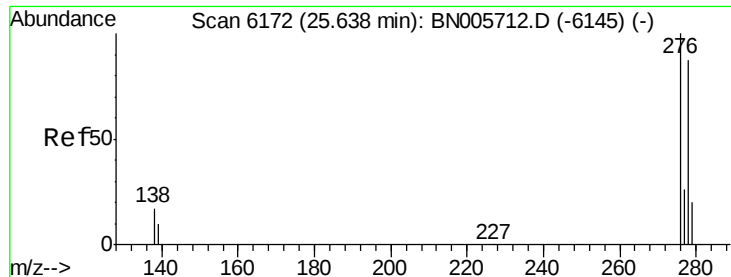
138 16.1 15.8 23.8

227 0.2 0.1 0.1#



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

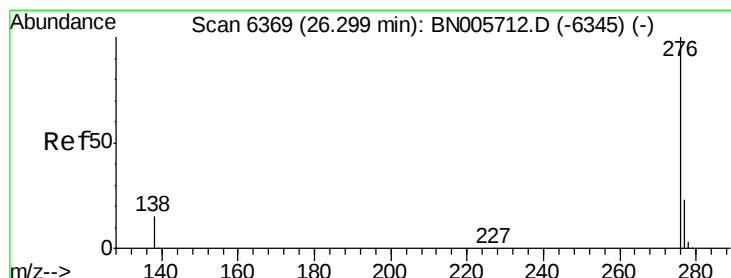
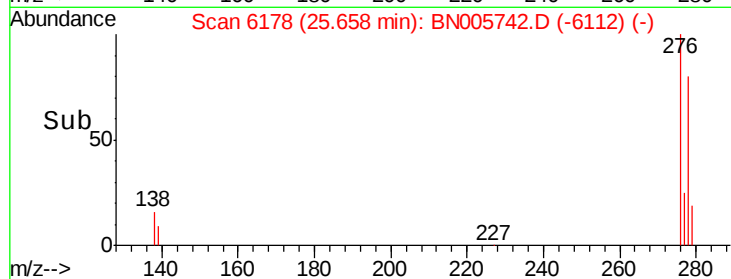
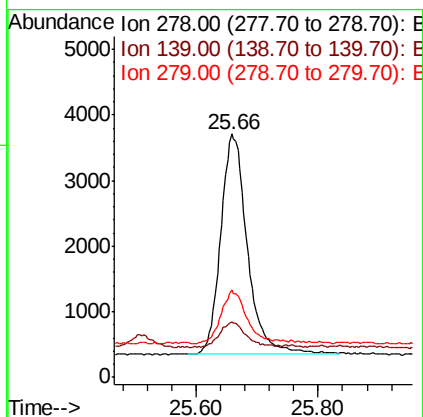
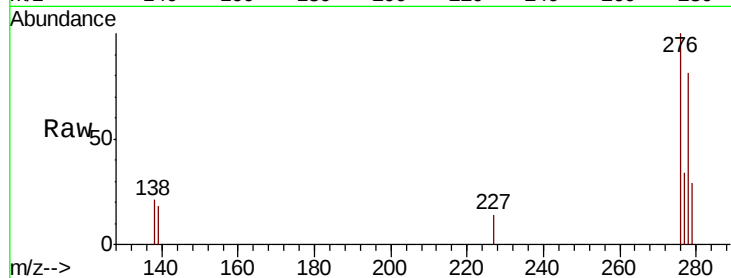




#25
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. 0.02 min
Lab File: BN005742.D
Acq: 17 May 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.481

Tgt Ion: 278 Resp: 10202
Ion Ratio Lower Upper
278 100
139 22.6 12.4 18.6#
279 35.7 21.0 31.4#



#26
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 26.34 min Scan# 6380
Delta R.T. 0.04 min
Lab File: BN005742.D
Acq: 17 May 2019 22:27

Tgt Ion: 276 Resp: 10763
Ion Ratio Lower Upper
276 100
138 20.6 15.6 23.4
277 35.2 20.6 31.0#

