

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
 Data File : BN006324.D
 Acq On : 13 Jun 2019 22:52
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 01:06:40 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

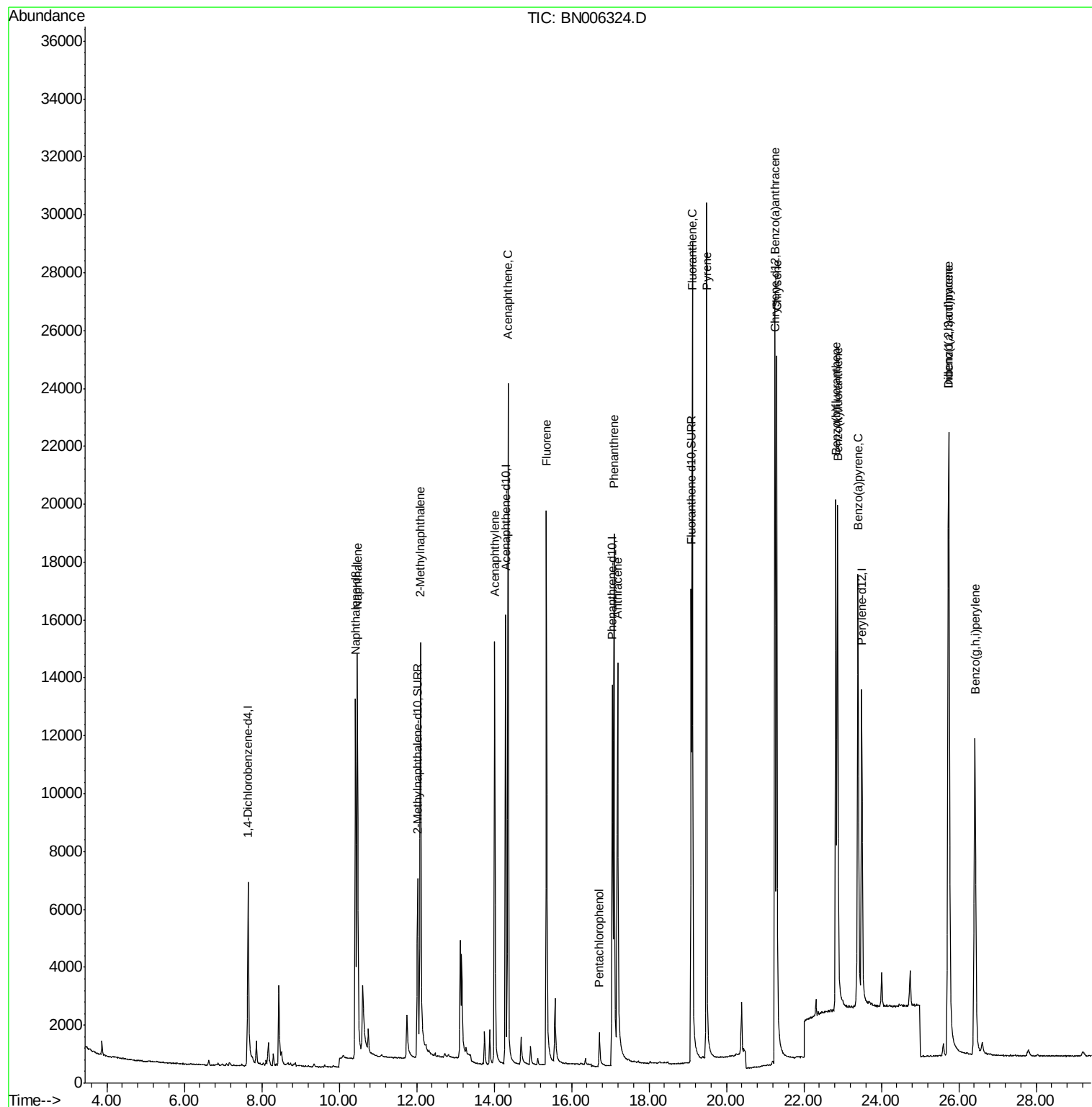
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4730	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18678	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9230	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18155	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13512	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	14952	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	10910	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	19322	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	21074	0.409	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	13591	0.378	ng/ul	97
7) Acenaphthylene	14.01	152	19402	0.378	ng/ul	99
8) Acenaphthene	14.36	153	14592	0.410	ng/ul	99
9) Fluorene	15.35	166	15049	0.361	ng/ul	98
11) Pentachlorophenol	16.72	266	1269	0.275	ng/ul	98
12) Phenanthrene	17.09	178	22337	0.383	ng/ul	99
13) Anthracene	17.19	178	19423	0.349	ng/ul	99
15) Fluoranthene	19.12	202	25507	0.396	ng/ul	96
17) Pyrene	19.49	202	26457	0.372	ng/ul	100
18) Benzo(a)anthracene	21.25	228	21561	0.361	ng/ul	98
19) Chrysene	21.30	228	25064	0.447	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	22778	0.365	ng/ul	94
22) Benzo(k)fluoranthene	22.87	252	25245	0.416	ng/ul	96
23) Benzo(a)pyrene	23.40	252	23465	0.404	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.73	276	26944	0.429	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.74	278	21192	0.422	ng/ul	94
26) Benzo(g,h,i)perylene	26.42	276	23144	0.440	ng/ul	95

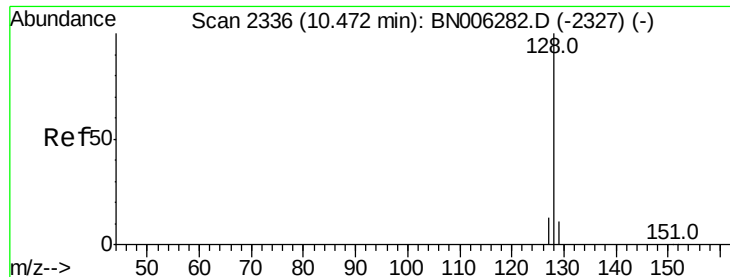
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006324.D
Acq On : 13 Jun 2019 22:52
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 14 01:06:40 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

Instrument :

BNA_N

ClientSampleId :

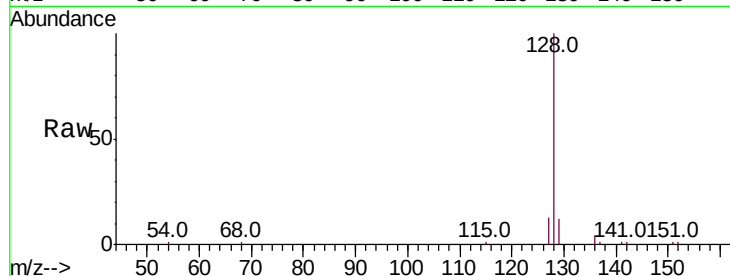
Tot Ion:128 Resp: 21074

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

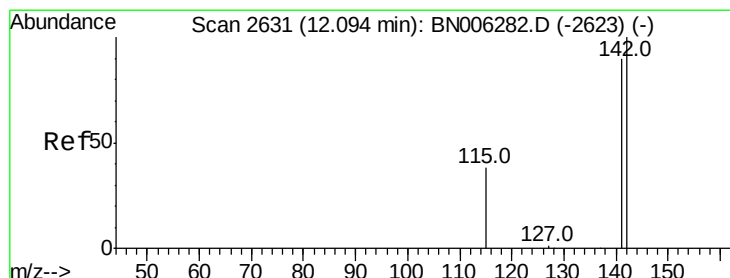
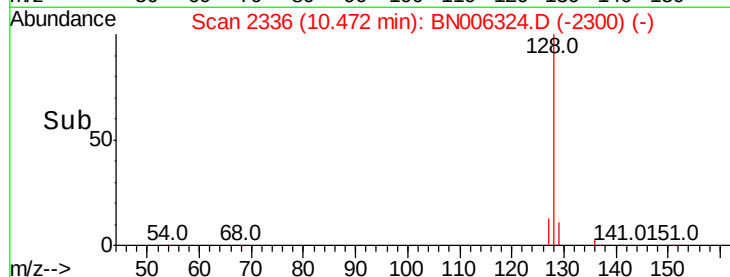
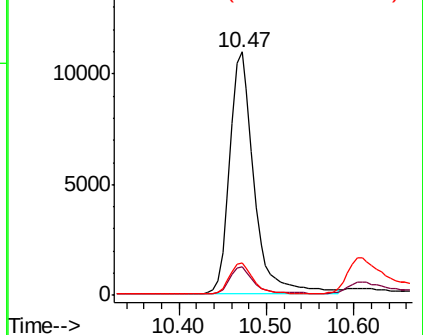
127 13.3 10.7 16.1



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: 0.378 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BN006324.D

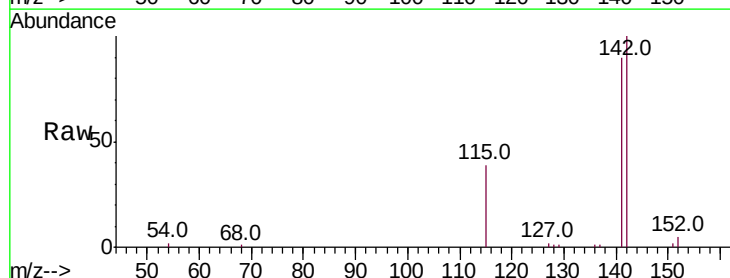
Acq: 13 Jun 2019 22:52

Tgt Ion:142 Resp: 13591

Ion Ratio Lower Upper

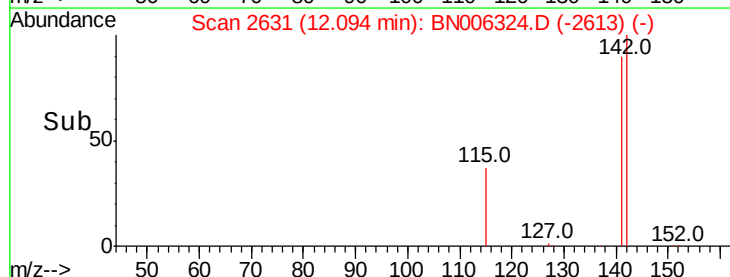
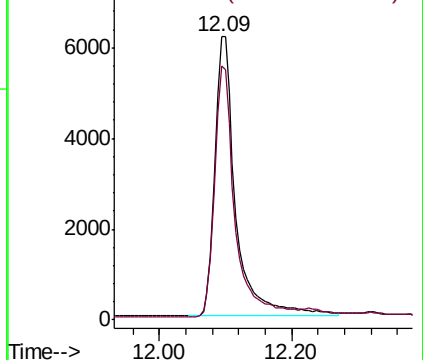
142 100

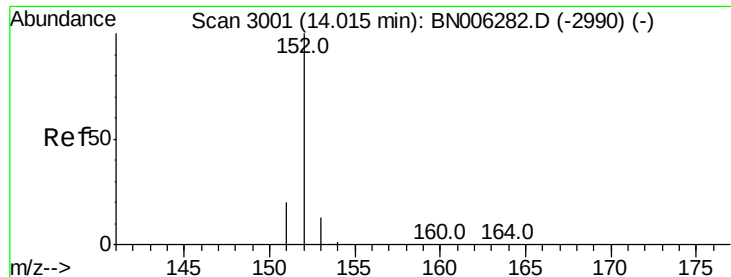
141 90.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.378 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

Instrument :

BNA_N

ClientSampled :

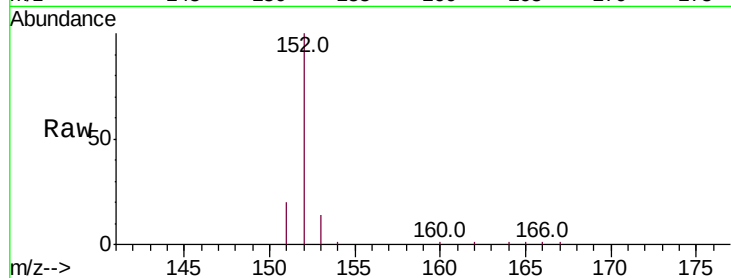
Tot Ion:152 Resp: 19402

Ion Ratio Lower Upper

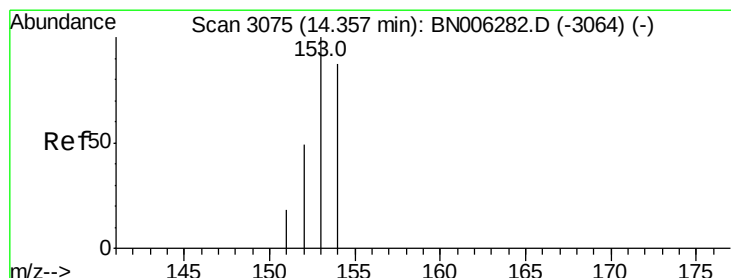
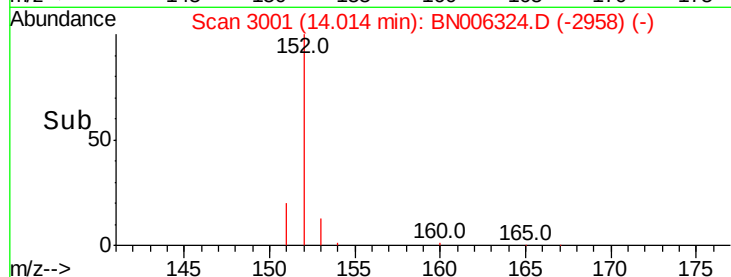
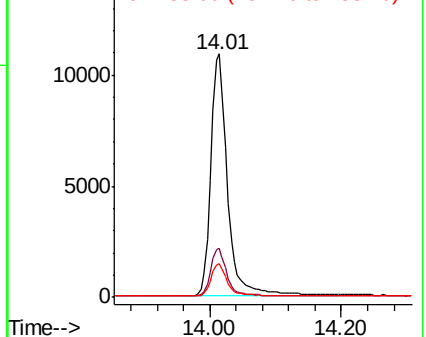
152 100

151 20.2 15.8 23.8

153 13.8 10.8 16.2



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: 0.410 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

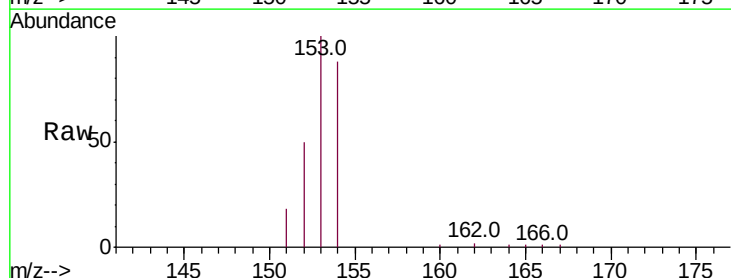
Tgt Ion:153 Resp: 14592

Ion Ratio Lower Upper

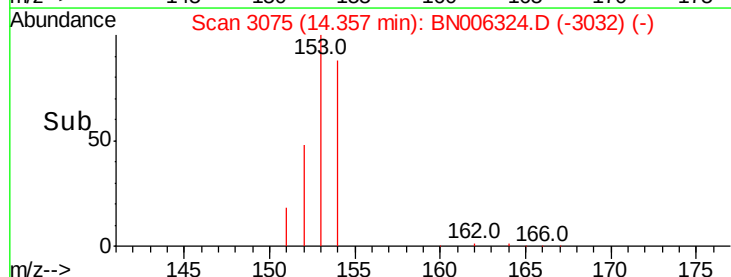
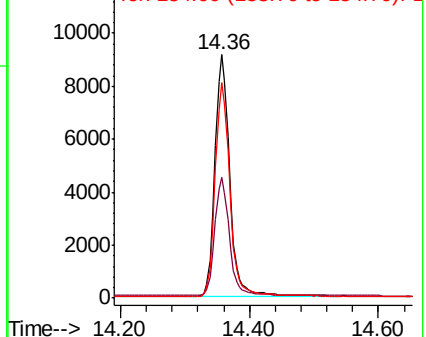
153 100

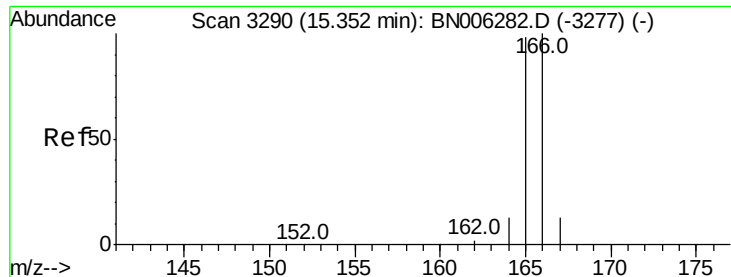
152 49.6 39.1 58.7

154 88.4 71.1 106.7



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

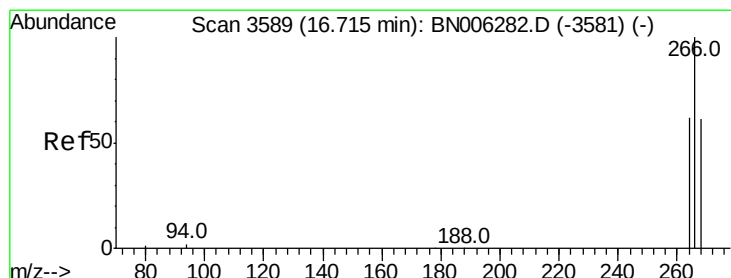
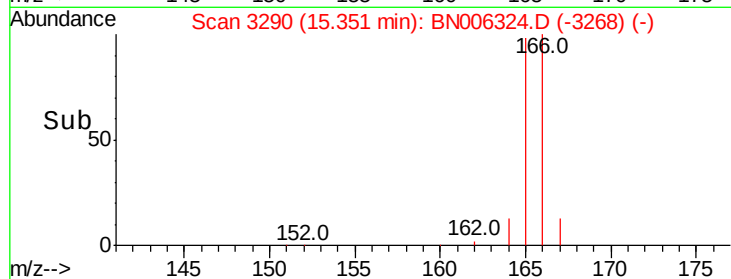
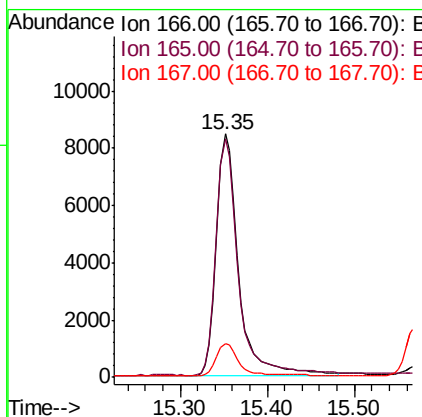
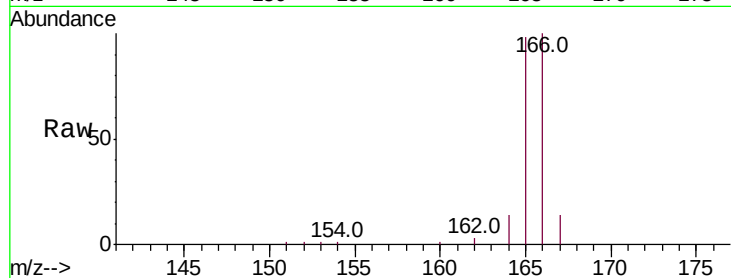




#9
Fluorene
 Concen: 0.361 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006324.D
 Acq: 13 Jun 2019 22:52

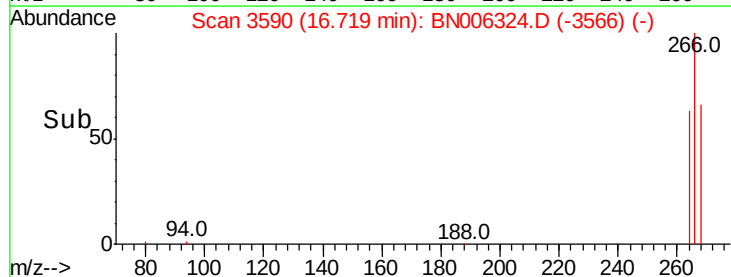
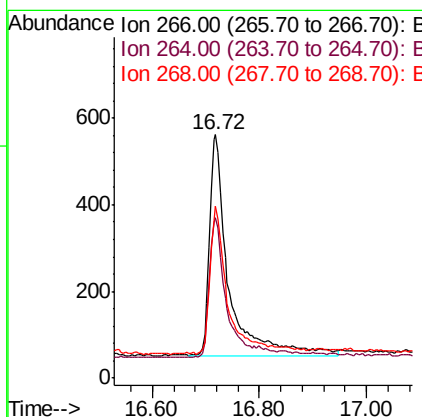
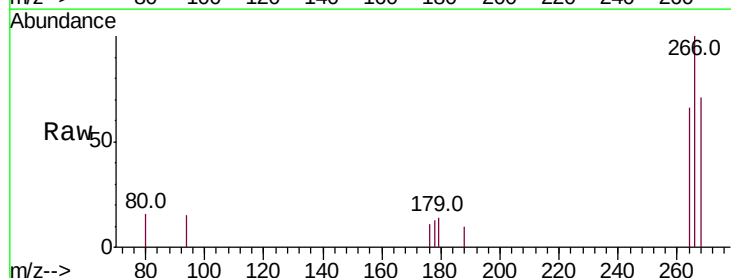
Instrument :
 BNA_N
 ClientSampleId :

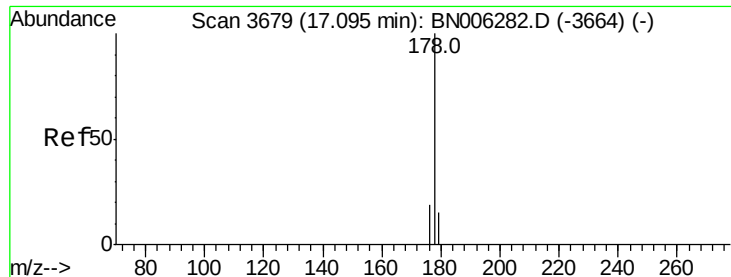
Tot Ion:166 Resp: 15049
 Ion Ratio Lower Upper
 166 100
 165 97.8 76.4 114.6
 167 13.8 11.0 16.6



#11
Pentachlorophenol
 Concen: 0.275 ng/ul
 RT: 16.72 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: BN006324.D
 Acq: 13 Jun 2019 22:52

Tgt Ion:266 Resp: 1269
 Ion Ratio Lower Upper
 266 100
 264 61.4 50.3 75.5
 268 65.2 51.3 76.9





#12

Phenanthrene

Concen: 0.383 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

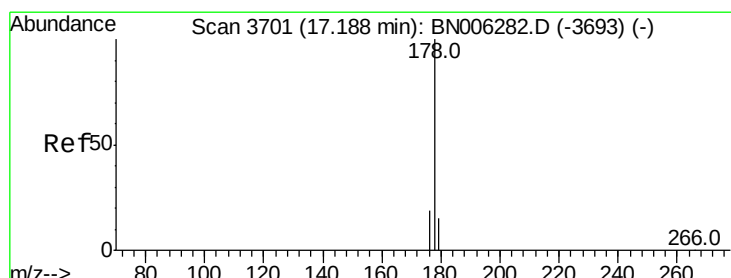
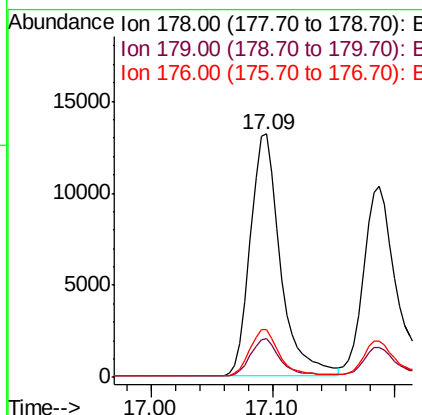
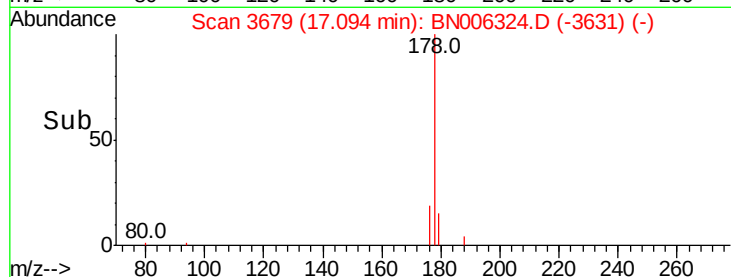
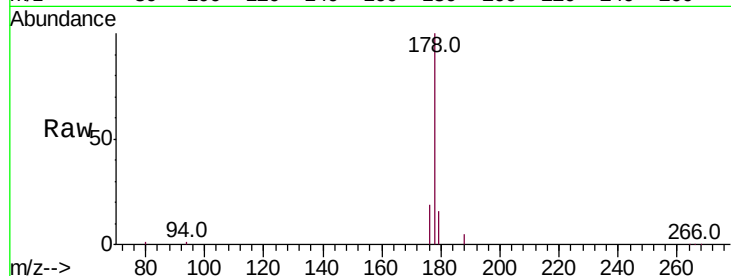
Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 22337

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.4	15.3	22.9



#13

Anthracene

Concen: 0.349 ng/ul

RT: 17.19 min Scan# 3701

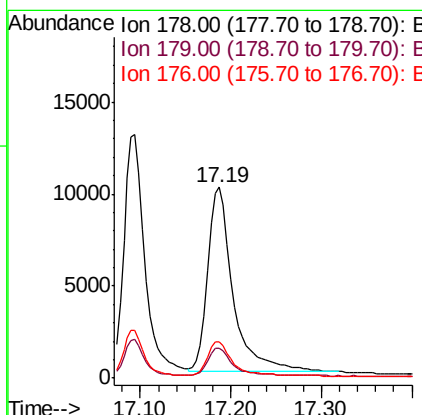
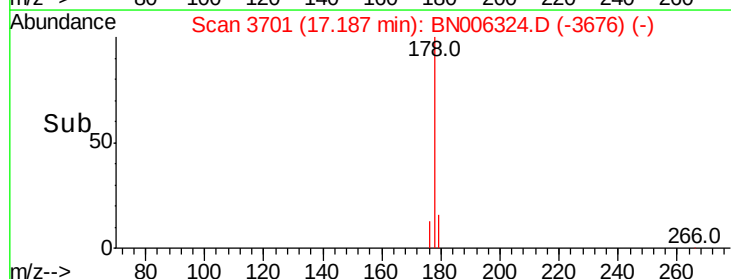
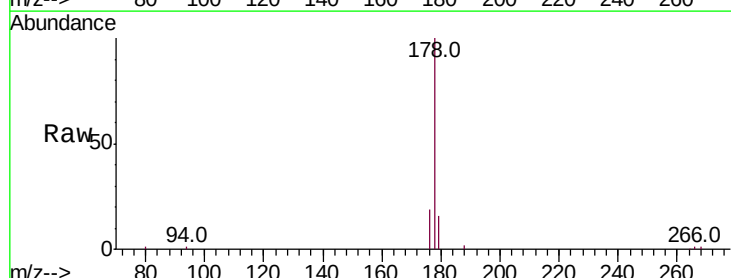
Delta R.T. 0.00 min

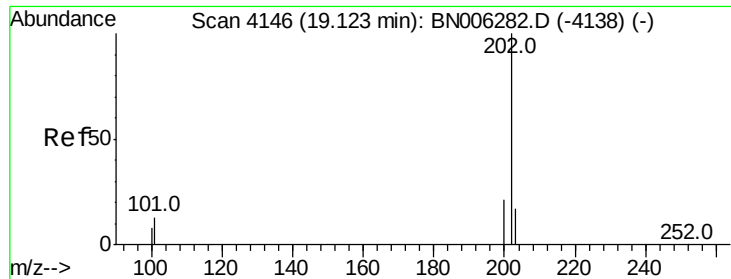
Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

Tgt Ion:178 Resp: 19423

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.8	15.1	22.7

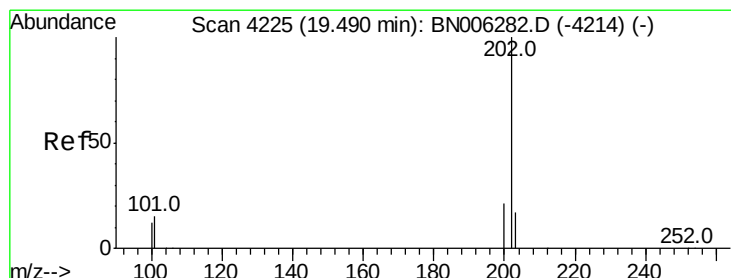
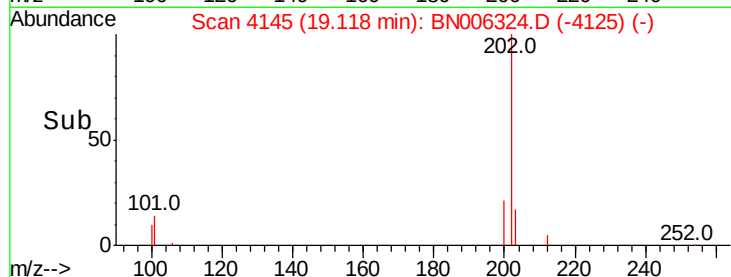
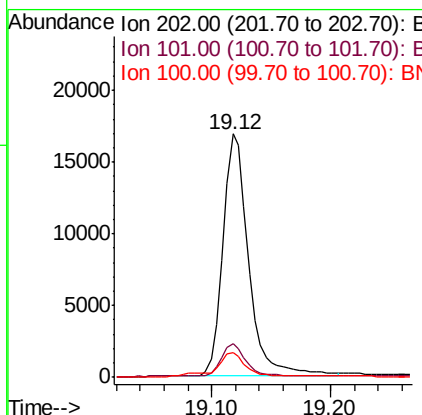
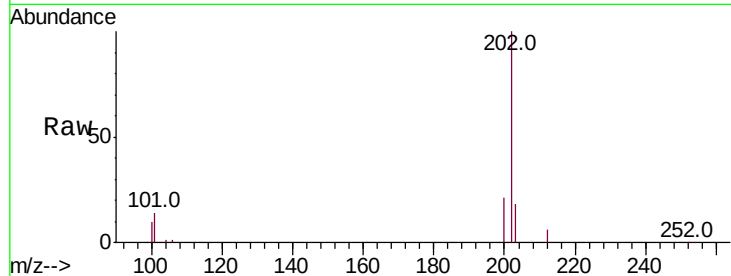




#15
Fluoranthene
Concen: 0.396 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006324.D
Acq: 13 Jun 2019 22:52

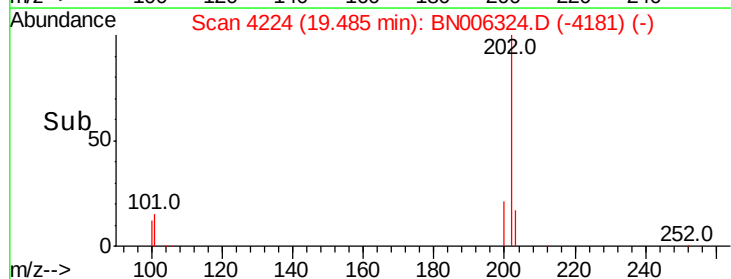
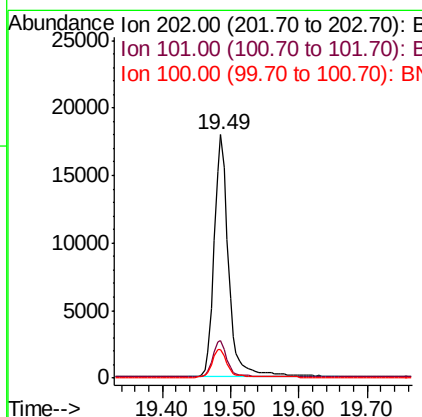
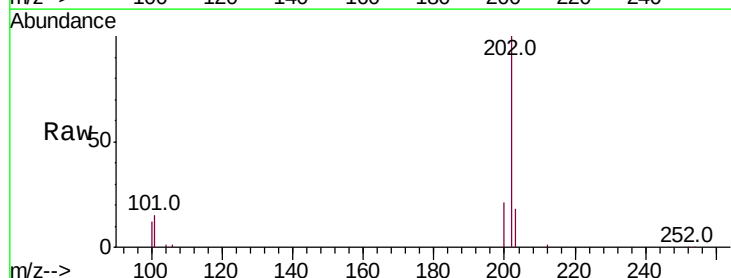
Instrument :
BNA_N
ClientSampled :

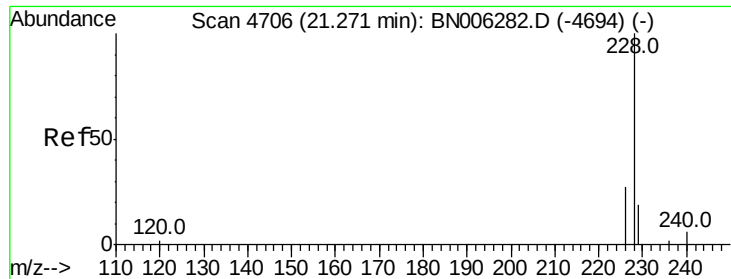
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	32.1
100	10.0	0.0	28.7



#17
Pyrene
Concen: 0.372 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006324.D
Acq: 13 Jun 2019 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.2
100	11.9	9.8	14.6





#18

Benzo(a)anthracene

Concen: 0.361 ng/ul

RT: 21.25 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

Instrument :

BNA_N

ClientSampleId :

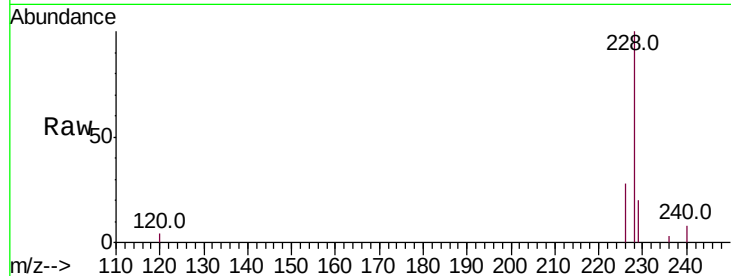
Tot Ion:228 Resp: 21561

Ion Ratio Lower Upper

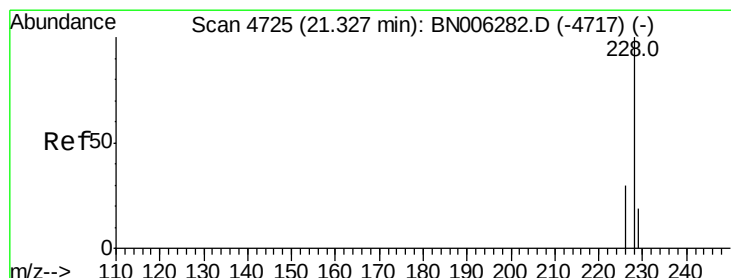
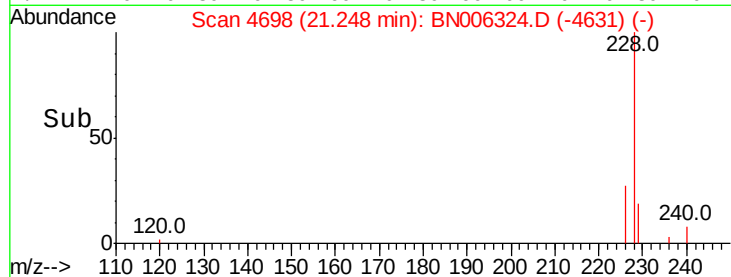
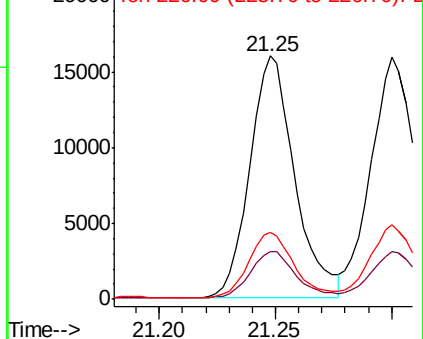
228 100

229 19.8 16.5 24.7

226 27.6 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: 0.447 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

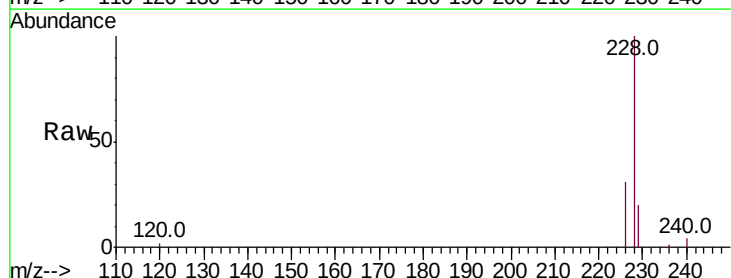
Tgt Ion:228 Resp: 25064

Ion Ratio Lower Upper

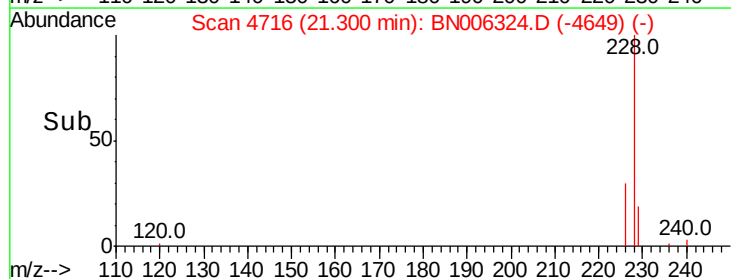
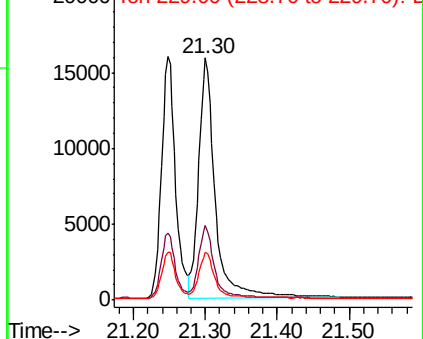
228 100

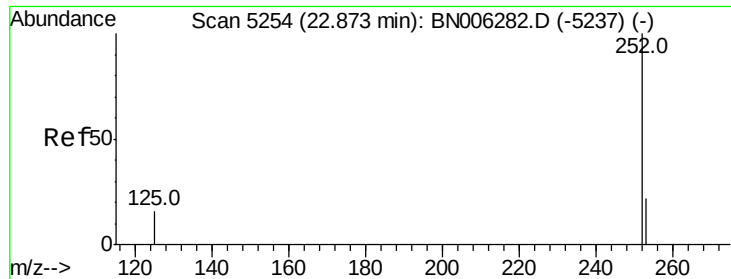
226 30.8 25.0 37.6

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: 0.365 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

Instrument :

BNA_N

ClientSampleId :

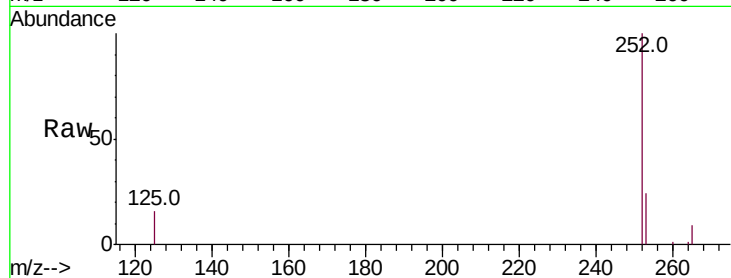
Tot Ion:252 Resp: 22778

Ion Ratio Lower Upper

252 100

253 24.0 0.0 51.4

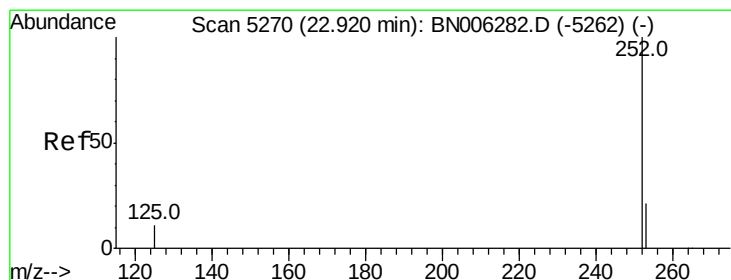
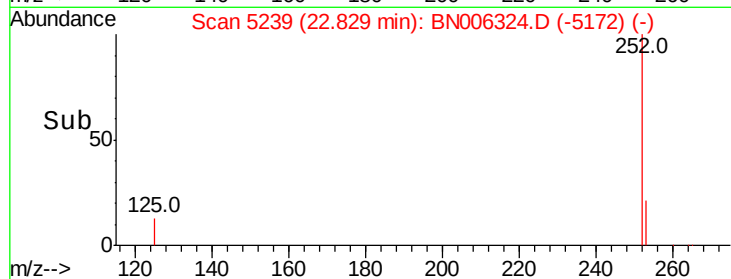
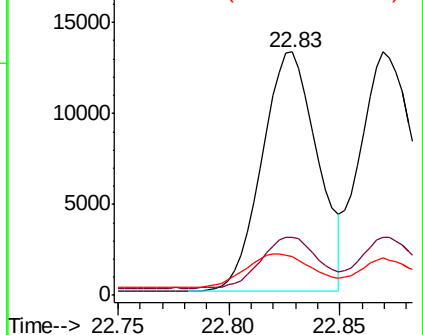
125 15.7 0.0 41.0



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: 0.416 ng/ul

RT: 22.87 min Scan# 5253

Delta R.T. -0.01 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

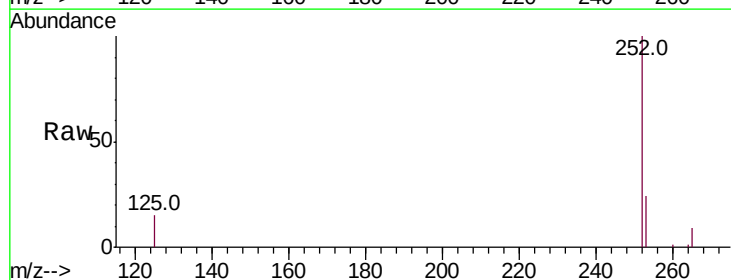
Tgt Ion:252 Resp: 25245

Ion Ratio Lower Upper

252 100

253 23.8 20.3 30.5

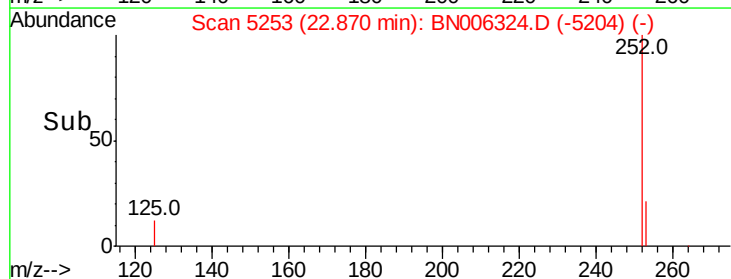
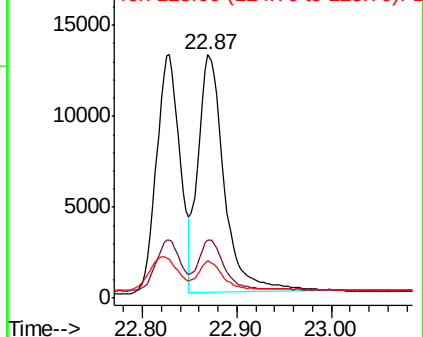
125 15.2 14.3 21.5

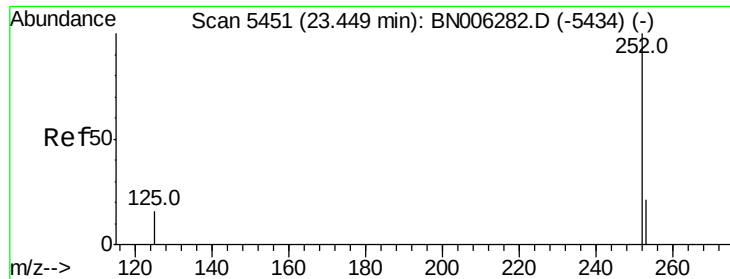


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

Instrument :

BNA_N

ClientSampleId :

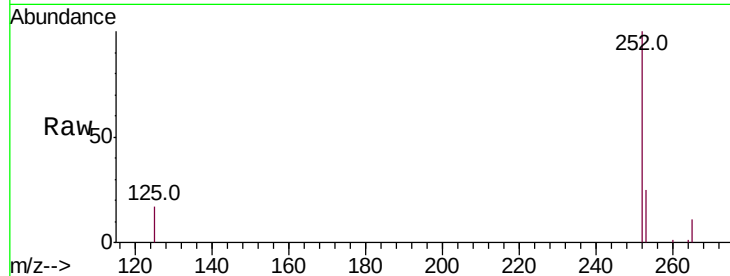
Tot Ion:252 Resp: 23465

Ion Ratio Lower Upper

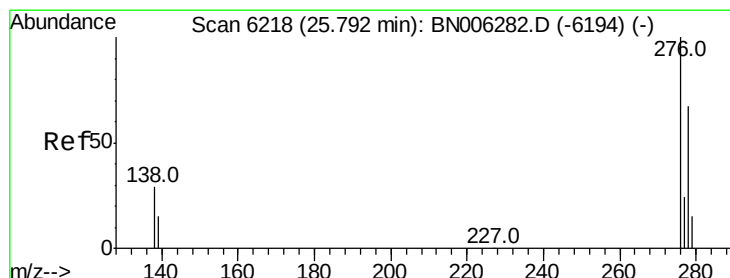
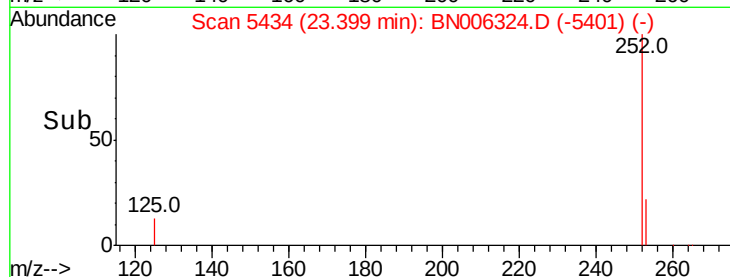
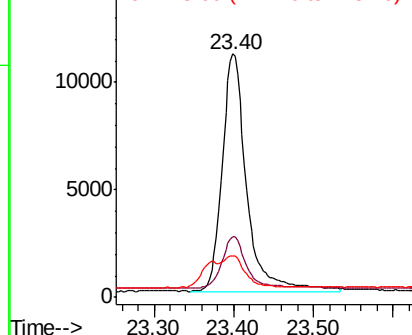
252 100

253 24.7 21.1 31.7

125 17.0 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: 0.429 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. -0.00 min

Lab File: BN006324.D

Acq: 13 Jun 2019 22:52

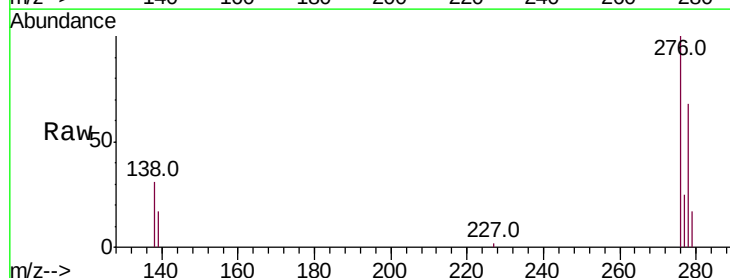
Tgt Ion:276 Resp: 26944

Ion Ratio Lower Upper

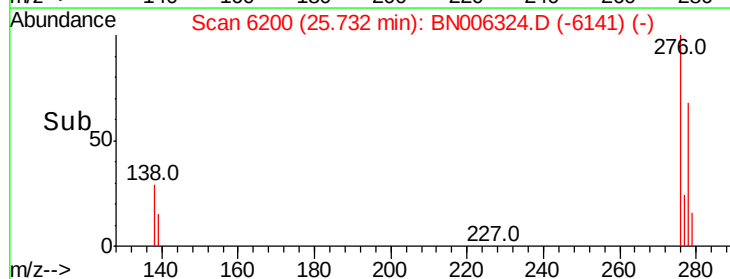
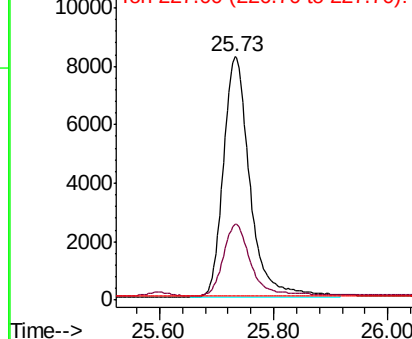
276 100

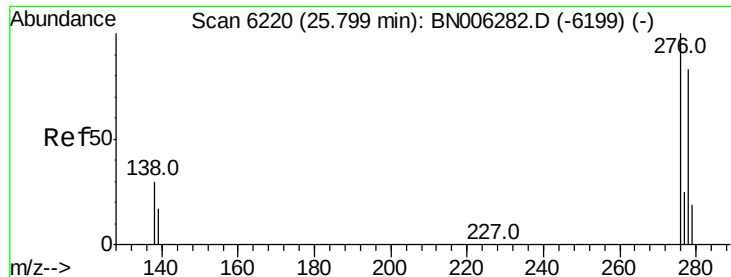
138 30.1 25.6 38.4

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



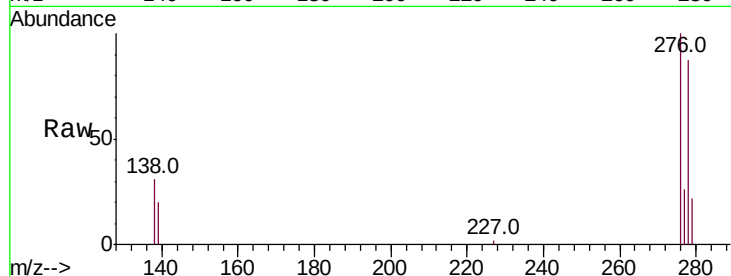


#25

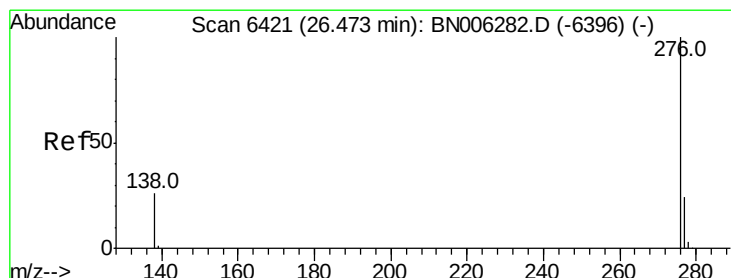
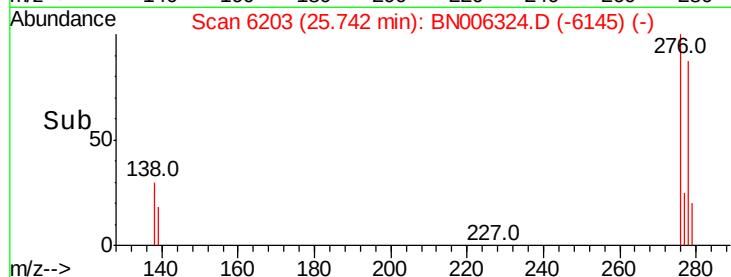
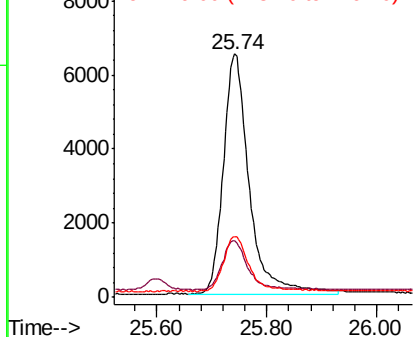
Dibenzo(a,h)anthracene
 Concen: 0.422 ng/ul
 RT: 25.74 min Scan# 6203
 Delta R.T. -0.01 min
 Lab File: BN006324.D
 Acq: 13 Jun 2019 22:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:278 Resp: 21192
 Ion Ratio Lower Upper
 278 100
 139 23.3 21.2 31.8
 279 25.0 22.6 33.8



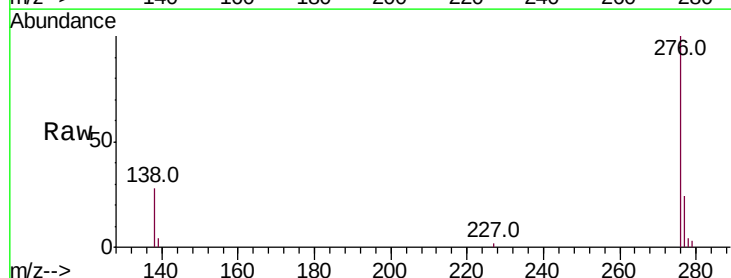
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
 Concen: 0.440 ng/ul
 RT: 26.42 min Scan# 6404
 Delta R.T. -0.01 min
 Lab File: BN006324.D
 Acq: 13 Jun 2019 22:52

Tgt Ion:276 Resp: 23144
 Ion Ratio Lower Upper
 276 100
 138 27.6 24.2 36.4
 277 24.3 21.5 32.3



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

