

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008443.D
 Acq On : 05 Nov 2019 12:31
 Operator : JU
 Sample : SST00.203
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 10:50:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 10:46:19 2019
 Response via : Initial Calibration

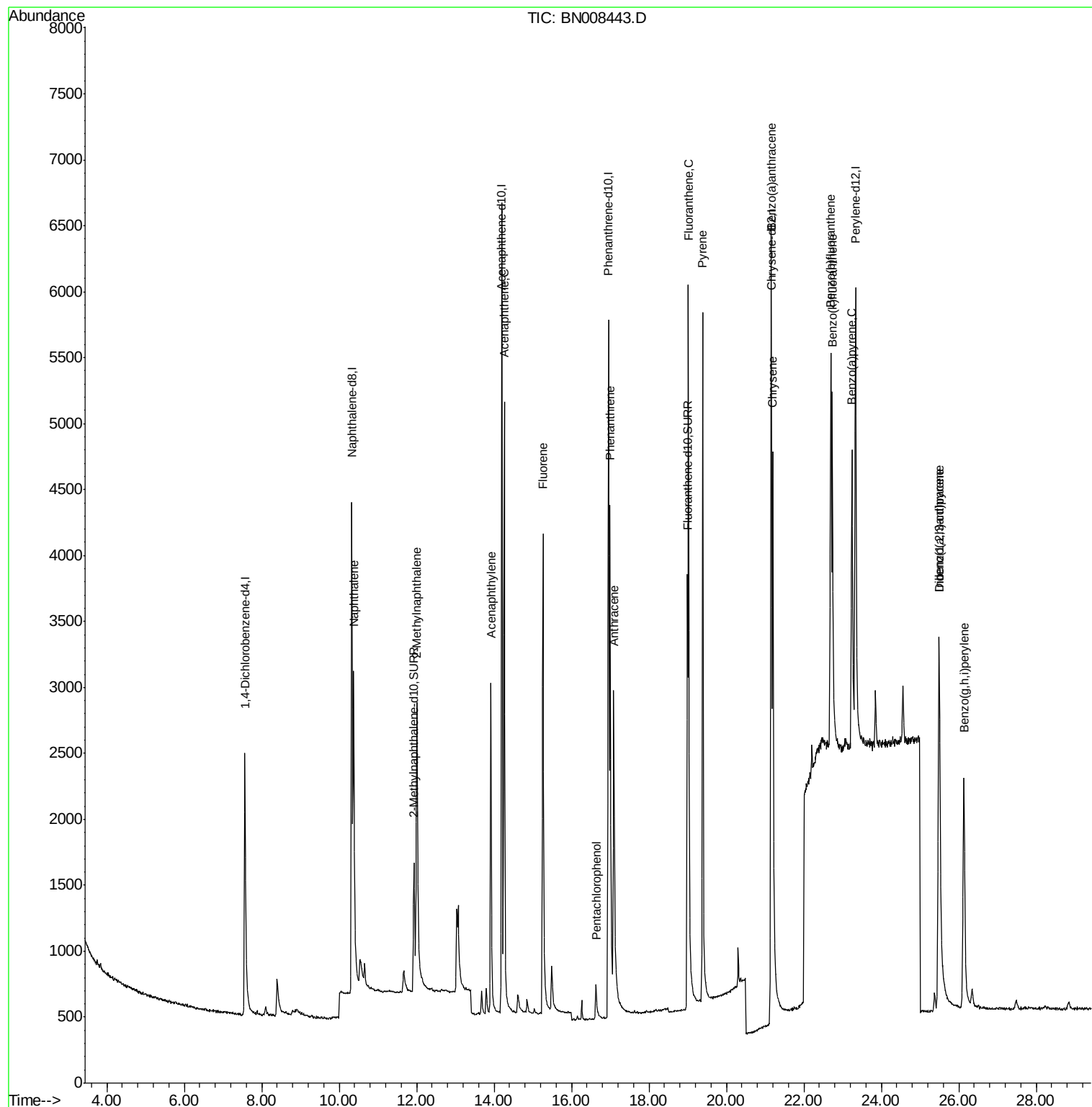
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1609	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6913	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	3975	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	8238	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	5831	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	5558	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2149	0.18	ng/ul	0.01
14) Fluoranthene-d10	18.99	212	4790	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	4003	0.203	ng/ul	97
5) 2-Methylnaphthalene	12.01	142	2601	0.193	ng/ul	98
7) Acenaphthylene	13.92	152	3682	0.194	ng/ul	98
8) Acenaphthene	14.26	153	3058	0.208	ng/ul	98
9) Fluorene	15.26	166	3256	0.195	ng/ul	99
11) Pentachlorophenol	16.63	266	325	0.163	ng/ul	96
12) Phenanthrene	17.00	178	4904	0.203	ng/ul	98
13) Anthracene	17.09	178	4150	0.196	ng/ul	98
15) Fluoranthene	19.02	202	5549	0.174	ng/ul	98
17) Pyrene	19.39	202	5761	0.248	ng/ul	98
18) Benzo(a)anthracene	21.15	228	3758	0.177	ng/ul	98
19) Chrysene	21.20	228	5288	0.203	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	3857	0.213	ng/ul	92
22) Benzo(k)fluoranthene	22.73	252	4530	0.221	ng/ul#	89
23) Benzo(a)pyrene	23.24	252	4109	0.216	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.49	276	4685	0.209	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.50	278	3717	0.210	ng/ul	94
26) Benzo(g,h,i)perylene	26.13	276	4243	0.206	ng/ul	98

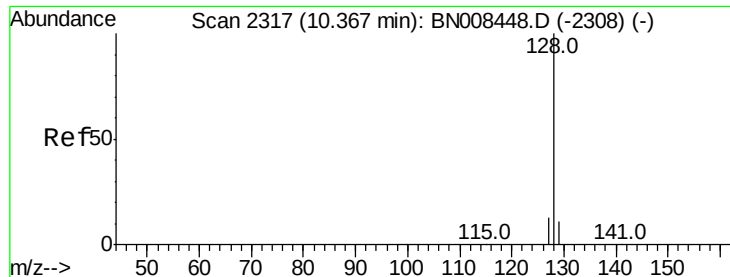
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#3

Naphthalene

Concen: 0.203 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

Instrument :

BNA_N

ClientSampleId :

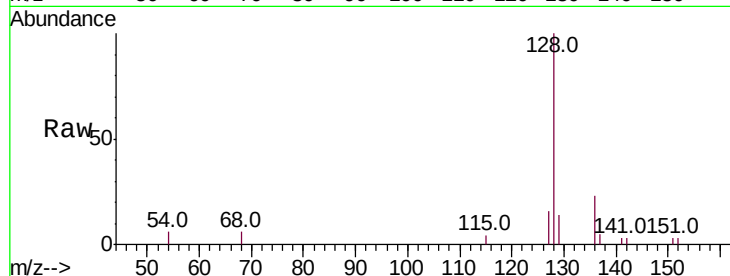
Tot Ion:128 Resp: 4003

Ion Ratio Lower Upper

128 100

129 13.8 10.0 15.0

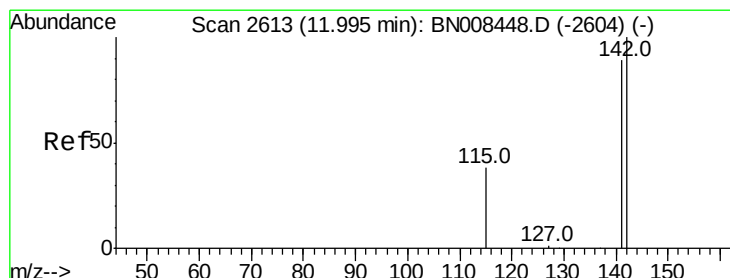
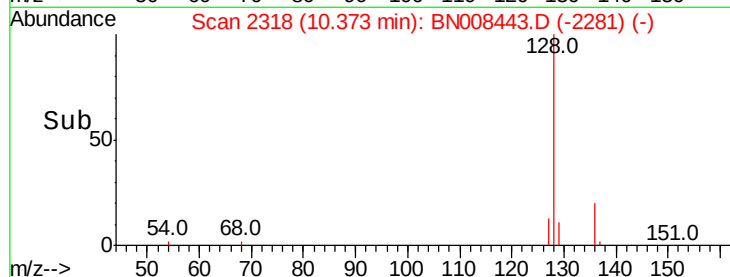
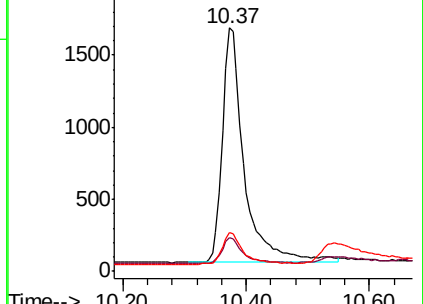
127 15.7 11.6 17.4



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: 0.193 ng/ul

RT: 12.01 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BN008443.D

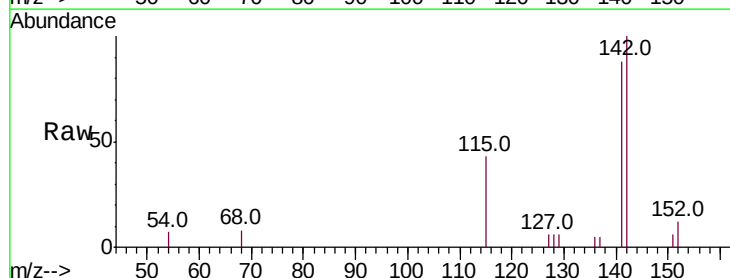
Acq: 05 Nov 2019 12:31

Tgt Ion:142 Resp: 2601

Ion Ratio Lower Upper

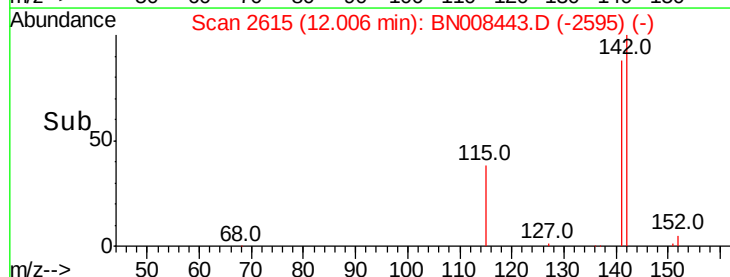
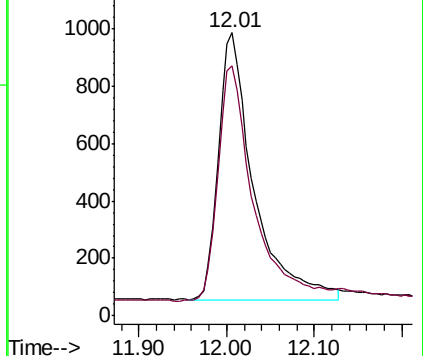
142 100

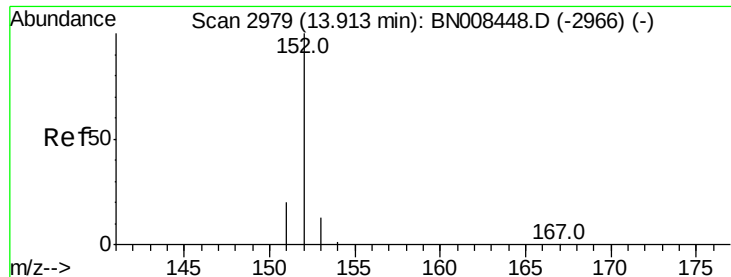
141 89.5 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.194 ng/ul

RT: 13.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

Instrument :

BNA_N

ClientSampleId :

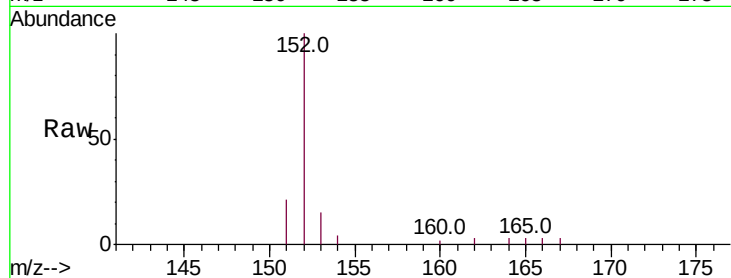
Tot Ion:152 Resp: 3682

Ion Ratio Lower Upper

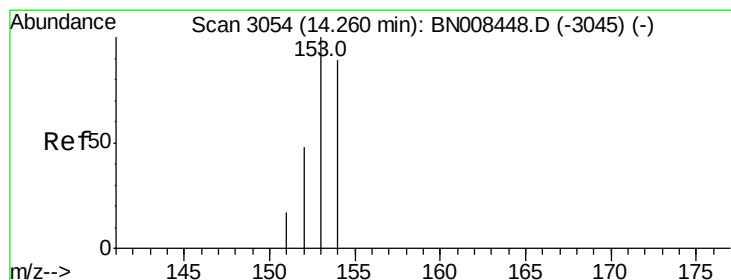
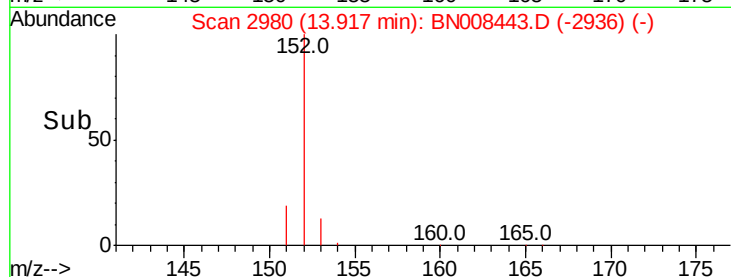
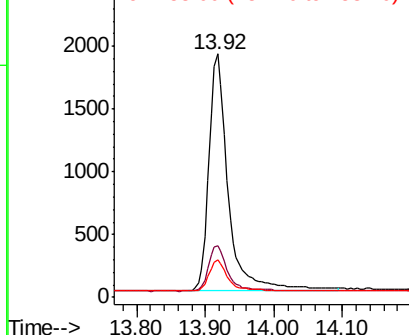
152 100

151 21.4 16.7 25.1

153 15.3 11.4 17.2



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: 0.208 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

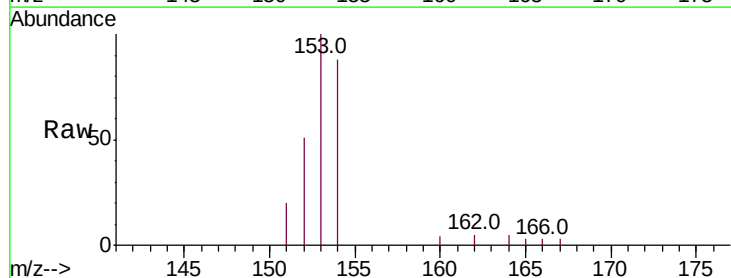
Tgt Ion:153 Resp: 3058

Ion Ratio Lower Upper

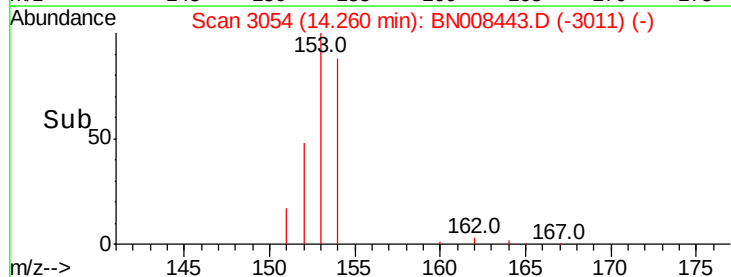
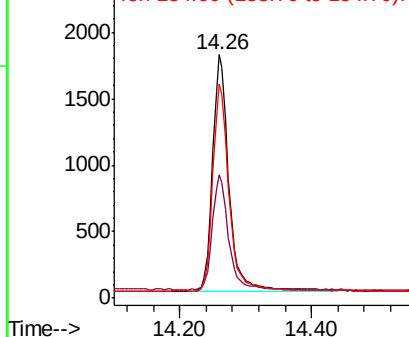
153 100

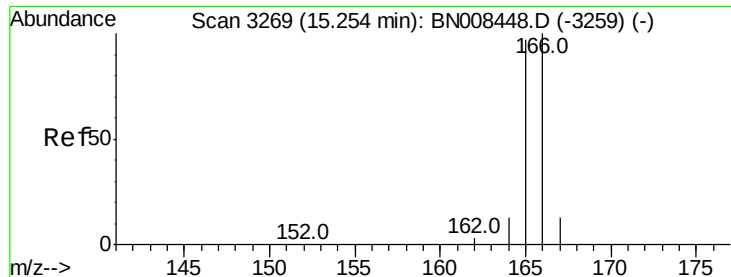
152 50.9 39.8 59.8

154 87.9 71.6 107.4



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

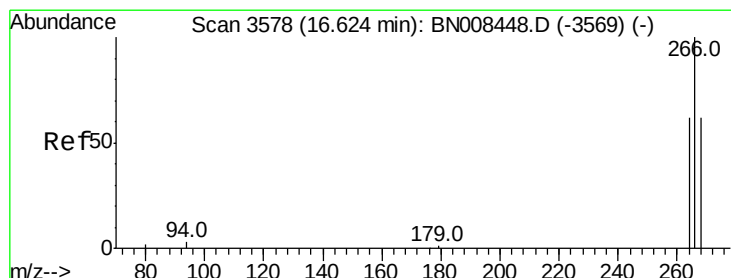
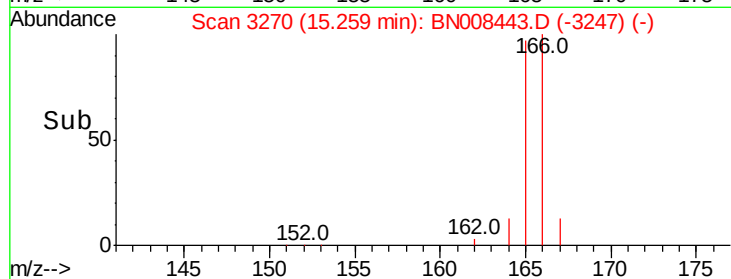
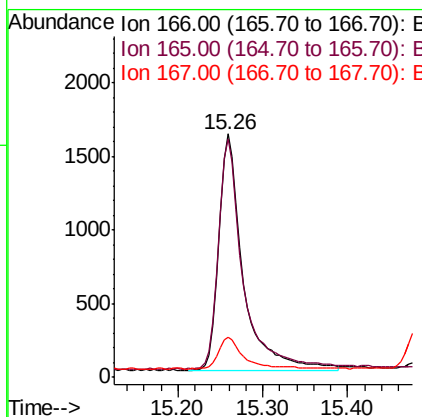
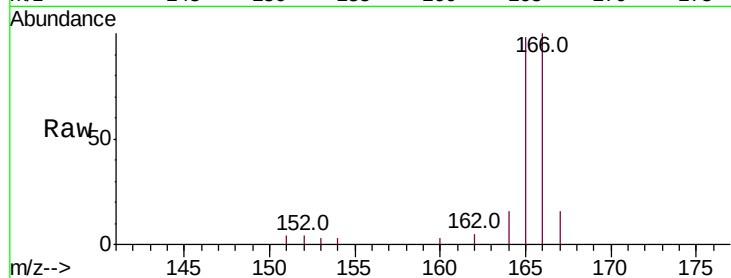




#9
Fluorene
 Concen: 0.195 ng/ul
 RT: 15.26 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BN008443.D
 Acq: 05 Nov 2019 12:31

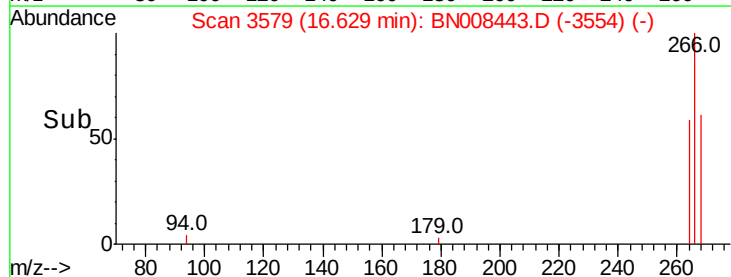
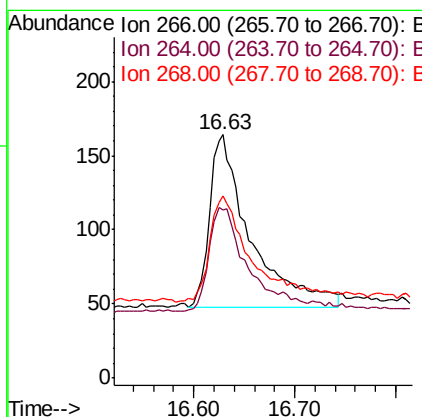
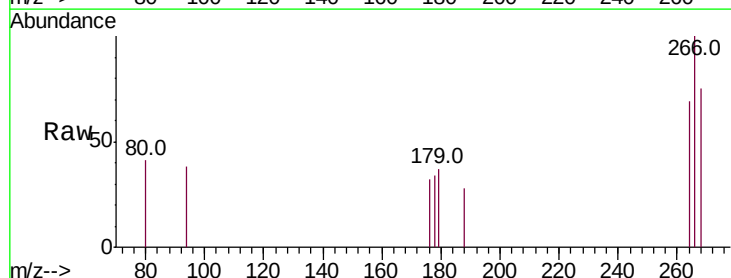
Instrument :
 BNA_N
 ClientSampleId :

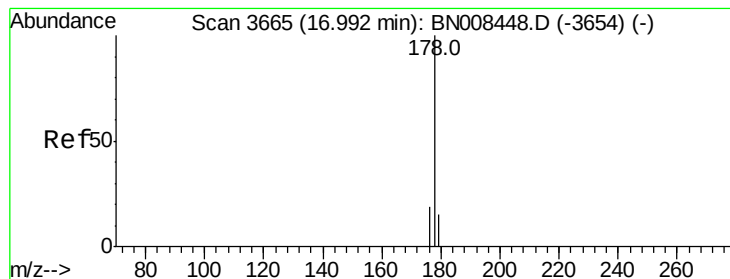
Tot Ion:166 Resp: 3256
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.2 117.2
 167 16.3 12.1 18.1



#11
Pentachlorophenol
 Concen: 0.163 ng/ul
 RT: 16.63 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: BN008443.D
 Acq: 05 Nov 2019 12:31

Tgt Ion:266 Resp: 325
 Ion Ratio Lower Upper
 266 100
 264 58.2 49.8 74.8
 268 65.8 51.0 76.6





#12

Phenanthrene

Concen: 0.203 ng/ul

RT: 17.00 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

Instrument :

BNA_N

ClientSampleId :

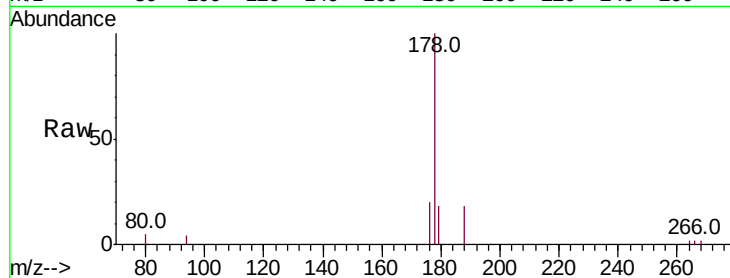
Tot Ion:178 Resp: 4904

Ion Ratio Lower Upper

178 100

179 17.6 13.2 19.8

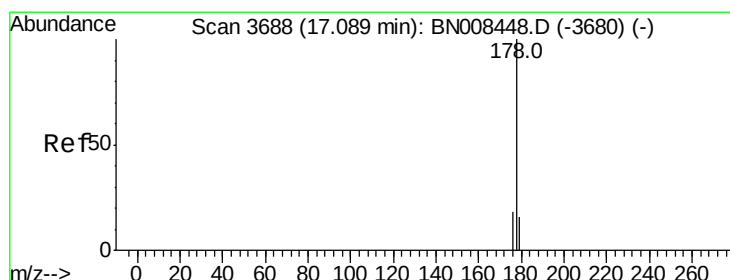
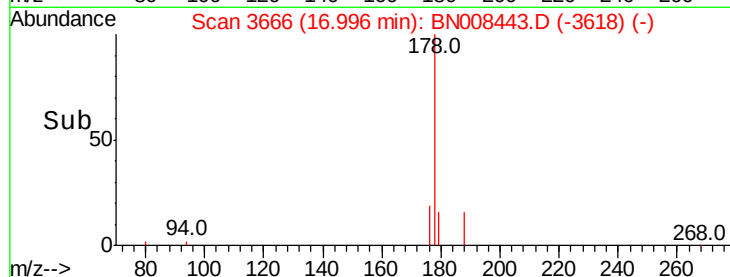
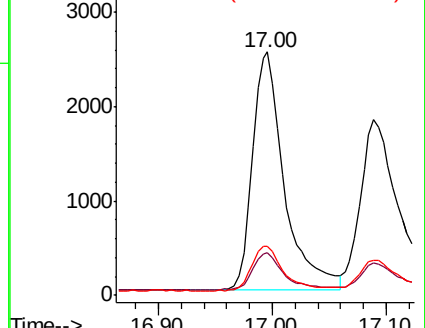
176 20.3 15.6 23.4



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: 0.196 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

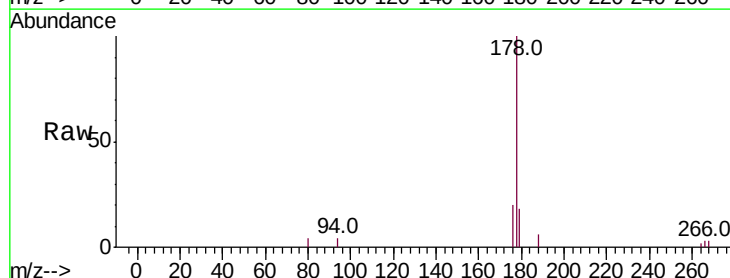
Tgt Ion:178 Resp: 4150

Ion Ratio Lower Upper

178 100

179 18.2 13.7 20.5

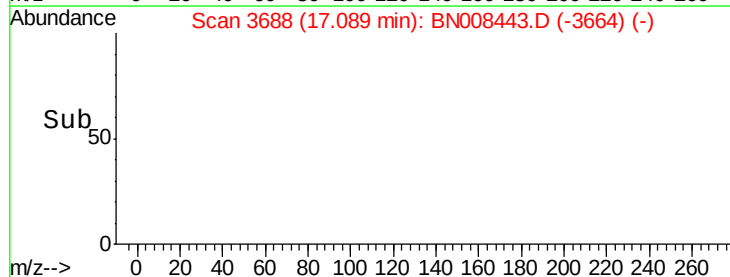
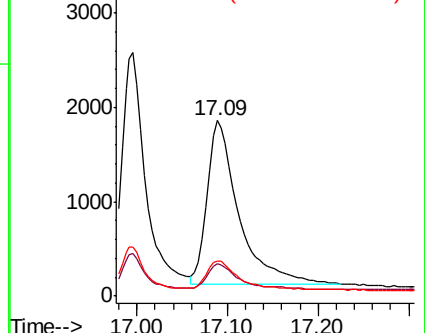
176 20.2 15.7 23.5

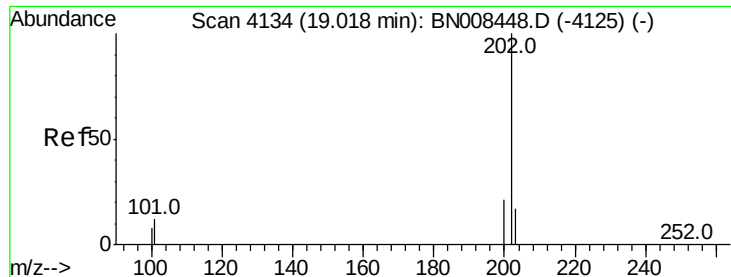


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.174 ng/ul

RT: 19.02 min Scan# 4134

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

Instrument :

BNA_N

ClientSampleId :

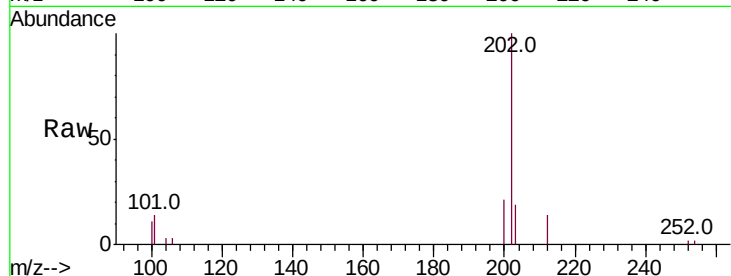
Tot Ion:202 Resp: 5549

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.0

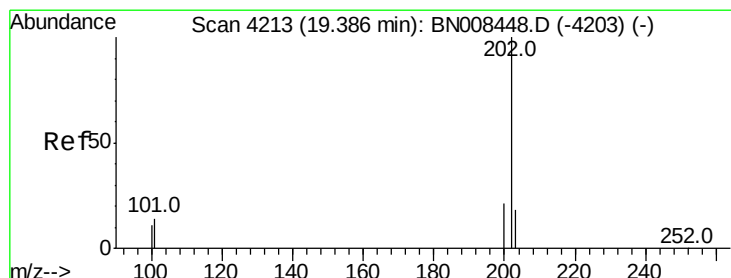
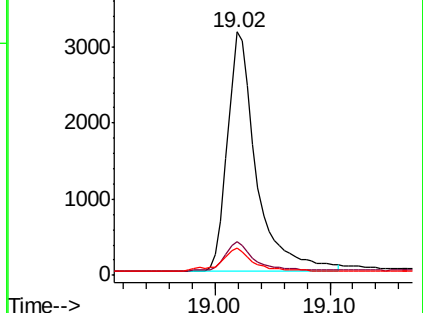
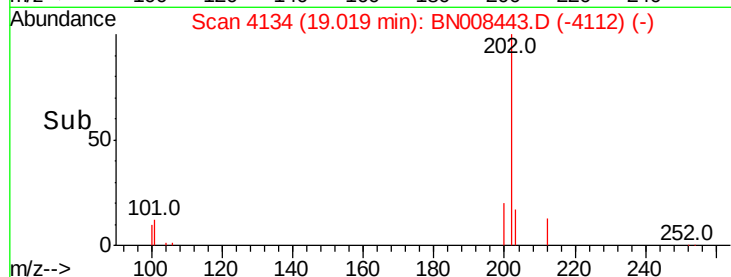
100 11.1 0.0 30.2



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: 0.248 ng/ul

RT: 19.39 min Scan# 4213

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

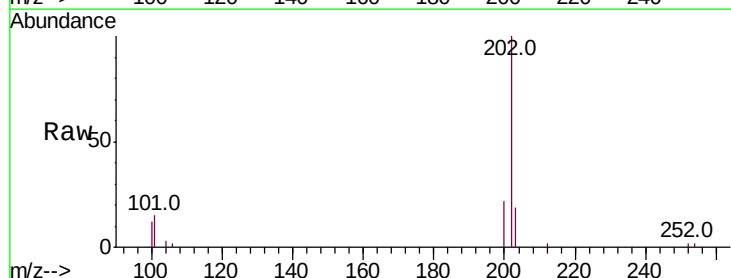
Tgt Ion:202 Resp: 5761

Ion Ratio Lower Upper

202 100

101 15.4 11.6 17.4

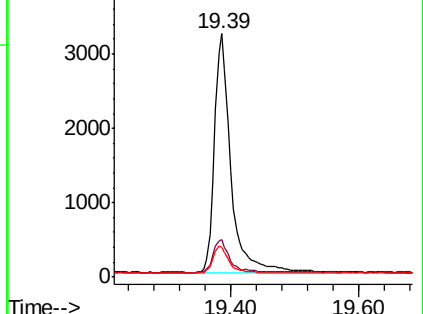
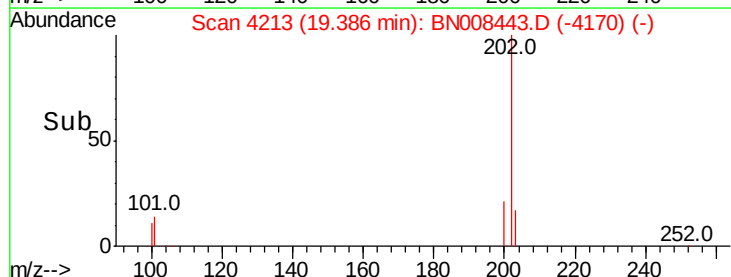
100 12.2 9.4 14.0

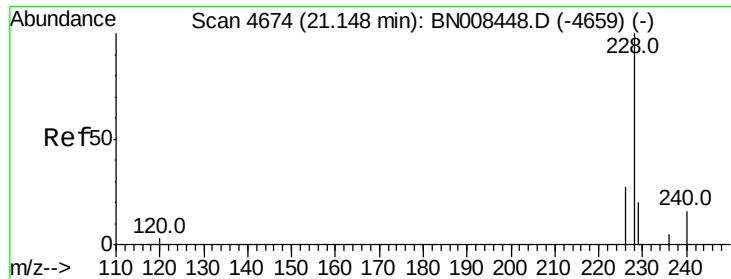


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.177 ng/ul

RT: 21.15 min Scan# 4673

Delta R.T. -0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

Instrument :

BNA_N

ClientSampleId :

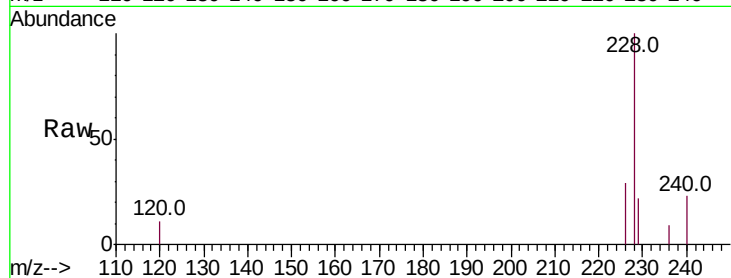
Tot Ion:228 Resp: 3758

Ion Ratio Lower Upper

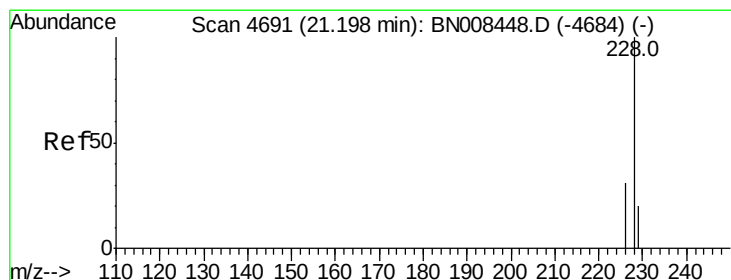
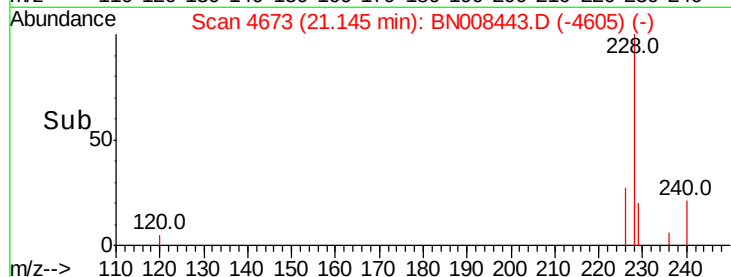
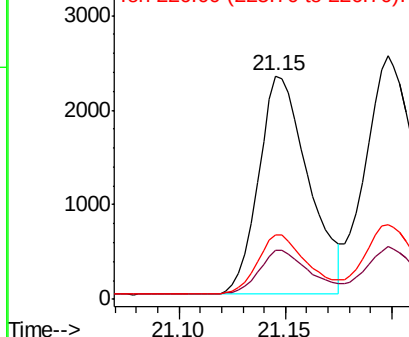
228 100

229 22.0 16.6 24.8

226 29.0 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: 0.203 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

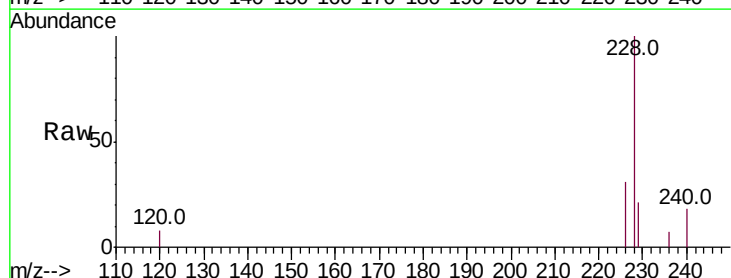
Tgt Ion:228 Resp: 5288

Ion Ratio Lower Upper

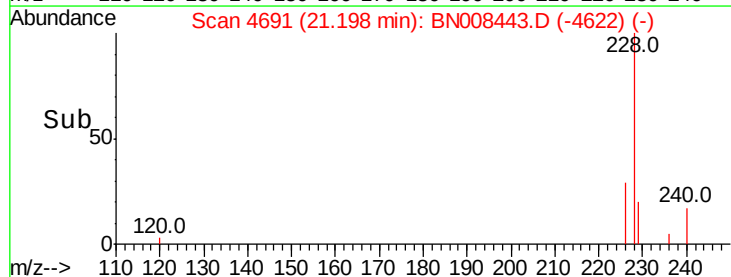
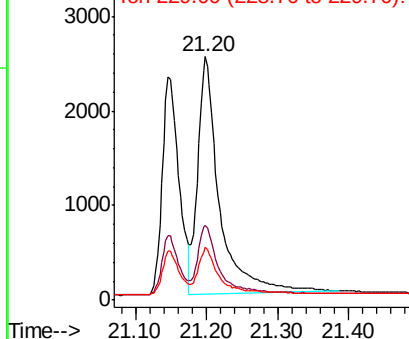
228 100

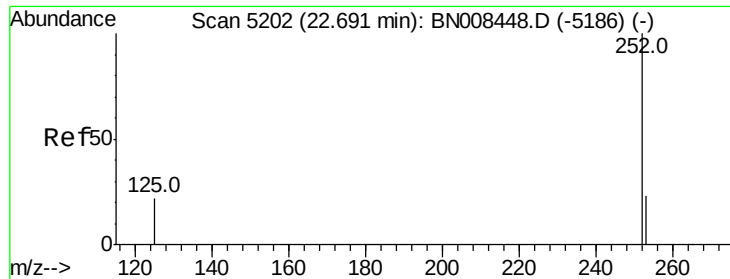
226 30.5 24.9 37.3

229 21.5 16.6 25.0



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

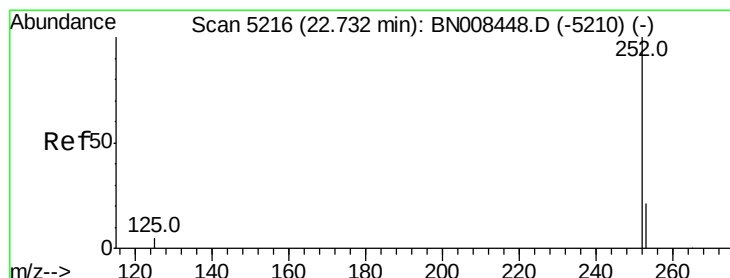
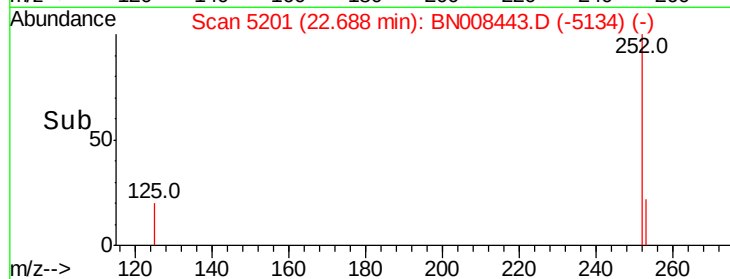
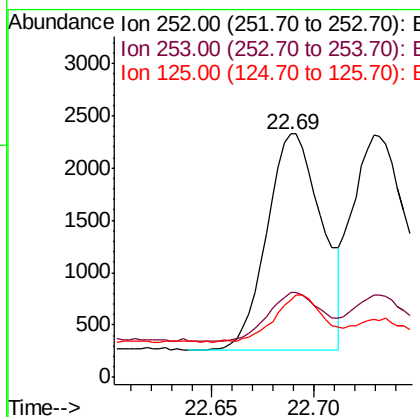
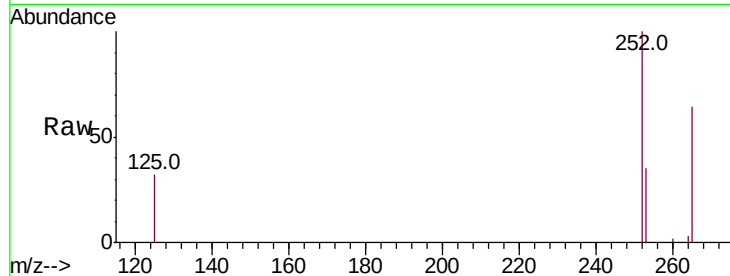




#21
Benzo(b)fluoranthene
Concen: 0.213 ng/ul
RT: 22.69 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BN008443.D
Acq: 05 Nov 2019 12:31

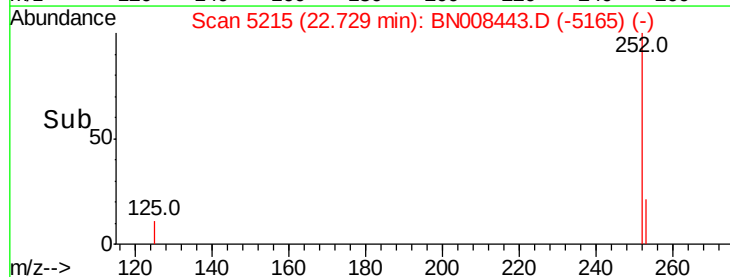
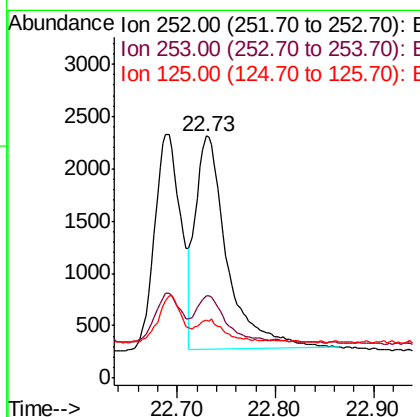
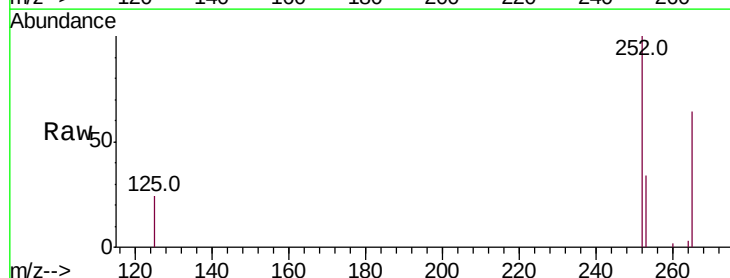
Instrument :
BNA_N
ClientSampleId :

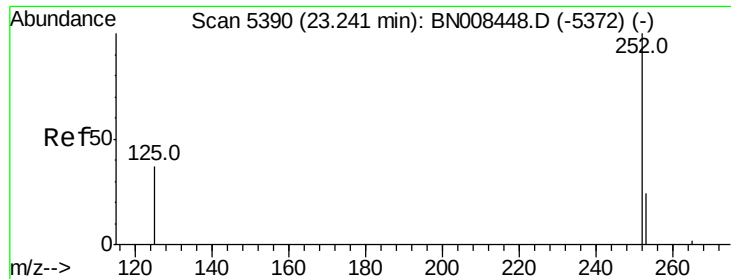
Tot Ion:252 Resp: 3857
Ion Ratio Lower Upper
252 100
253 35.0 0.0 58.4
125 31.8 0.0 58.6



#22
Benzo(k)fluoranthene
Concen: 0.221 ng/ul
RT: 22.73 min Scan# 5215
Delta R.T. -0.00 min
Lab File: BN008443.D
Acq: 05 Nov 2019 12:31

Tgt Ion:252 Resp: 4530
Ion Ratio Lower Upper
252 100
253 33.8 22.6 34.0
125 24.1 14.7 22.1#





#23

Benzo(a)pyrene

Concen: 0.216 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

Instrument :

BNA_N

ClientSampleId :

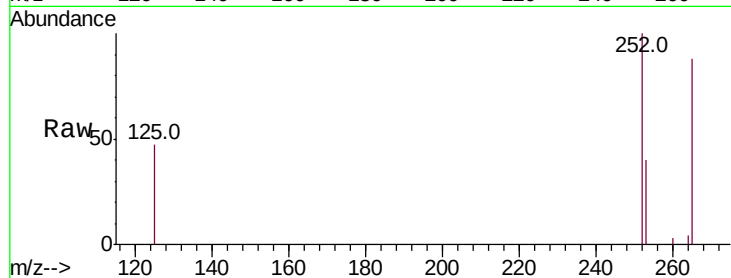
Tot Ion:252 Resp: 4109

Ion Ratio Lower Upper

252 100

253 40.0 27.2 40.8

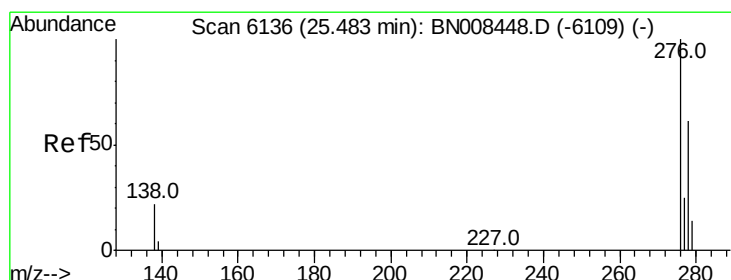
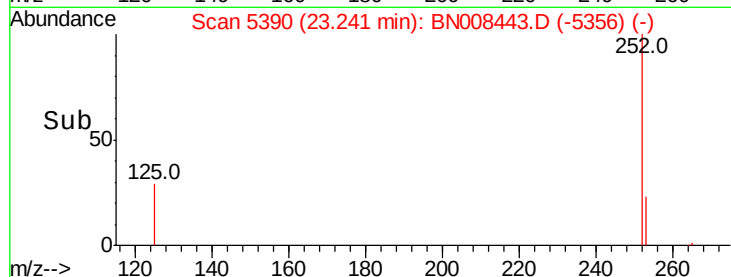
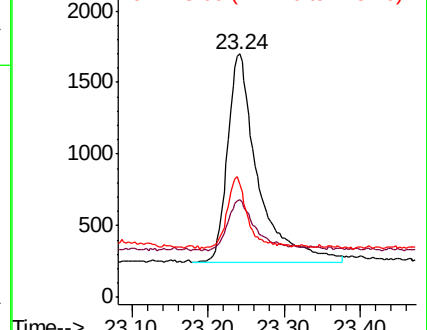
125 46.5 37.0 55.6



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.209 ng/ul

RT: 25.49 min Scan# 6137

Delta R.T. 0.00 min

Lab File: BN008443.D

Acq: 05 Nov 2019 12:31

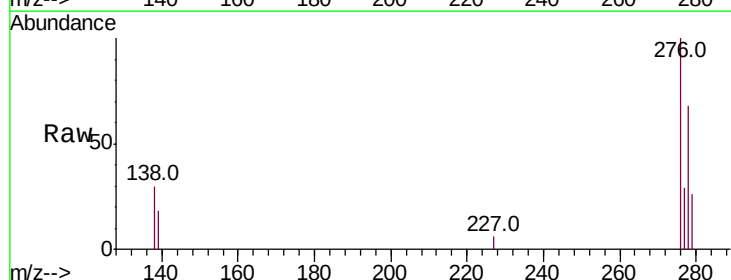
Tgt Ion:276 Resp: 4685

Ion Ratio Lower Upper

276 100

138 23.8 18.3 27.5

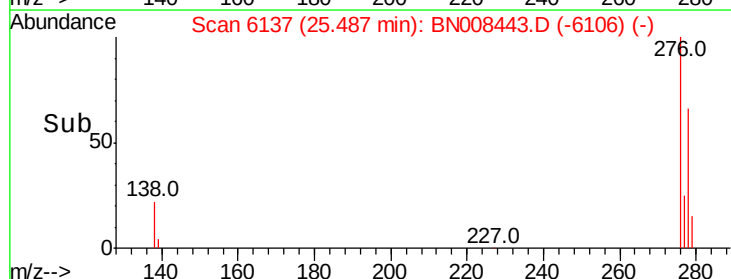
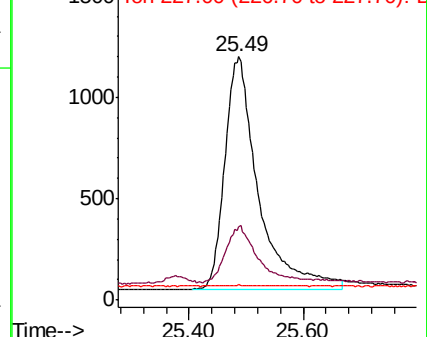
227 0.1 0.0 0.0#

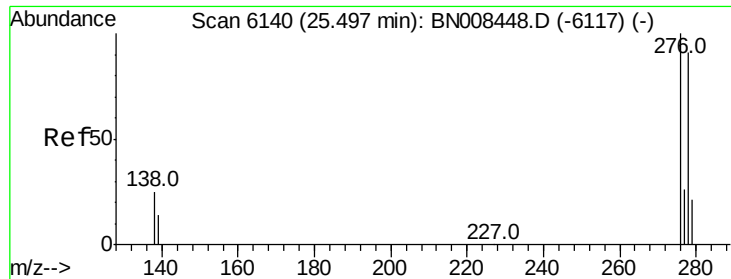


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

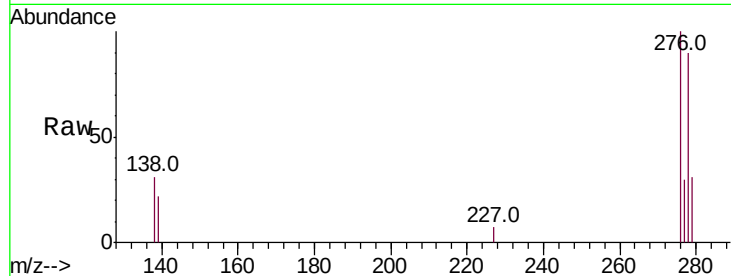




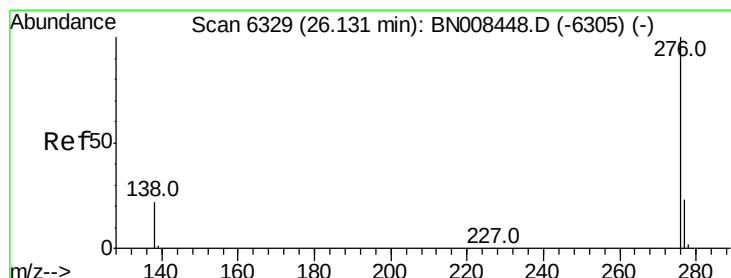
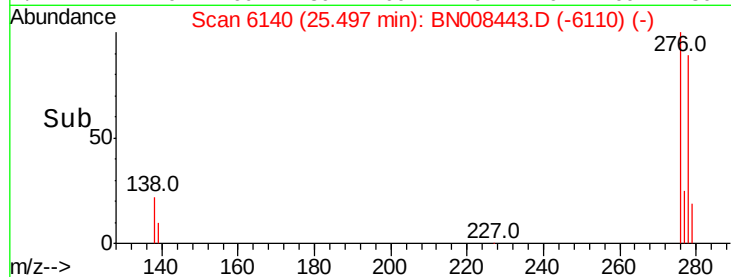
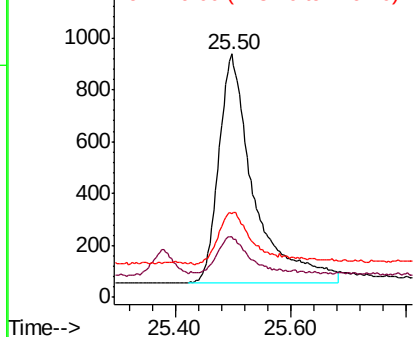
#25
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. 0.00 min
Lab File: BN008443.D
Acq: 05 Nov 2019 12:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 3717
Ion Ratio Lower Upper
278 100
139 24.6 17.6 26.4
279 34.5 25.1 37.7

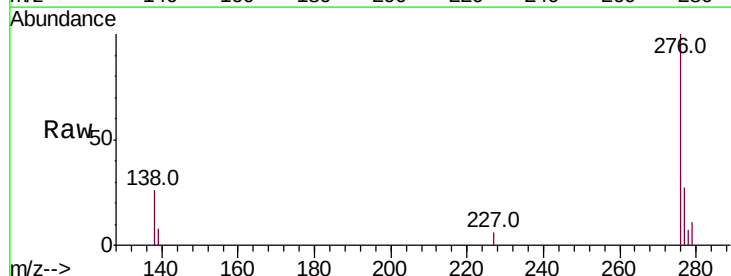


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 26.13 min Scan# 6330
Delta R.T. 0.00 min
Lab File: BN008443.D
Acq: 05 Nov 2019 12:31

Tgt Ion:276 Resp: 4243
Ion Ratio Lower Upper
276 100
138 26.0 20.1 30.1
277 27.3 20.6 31.0



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

