

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008353.D
 Acq On : 23 Oct 2019 17:20
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:38:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

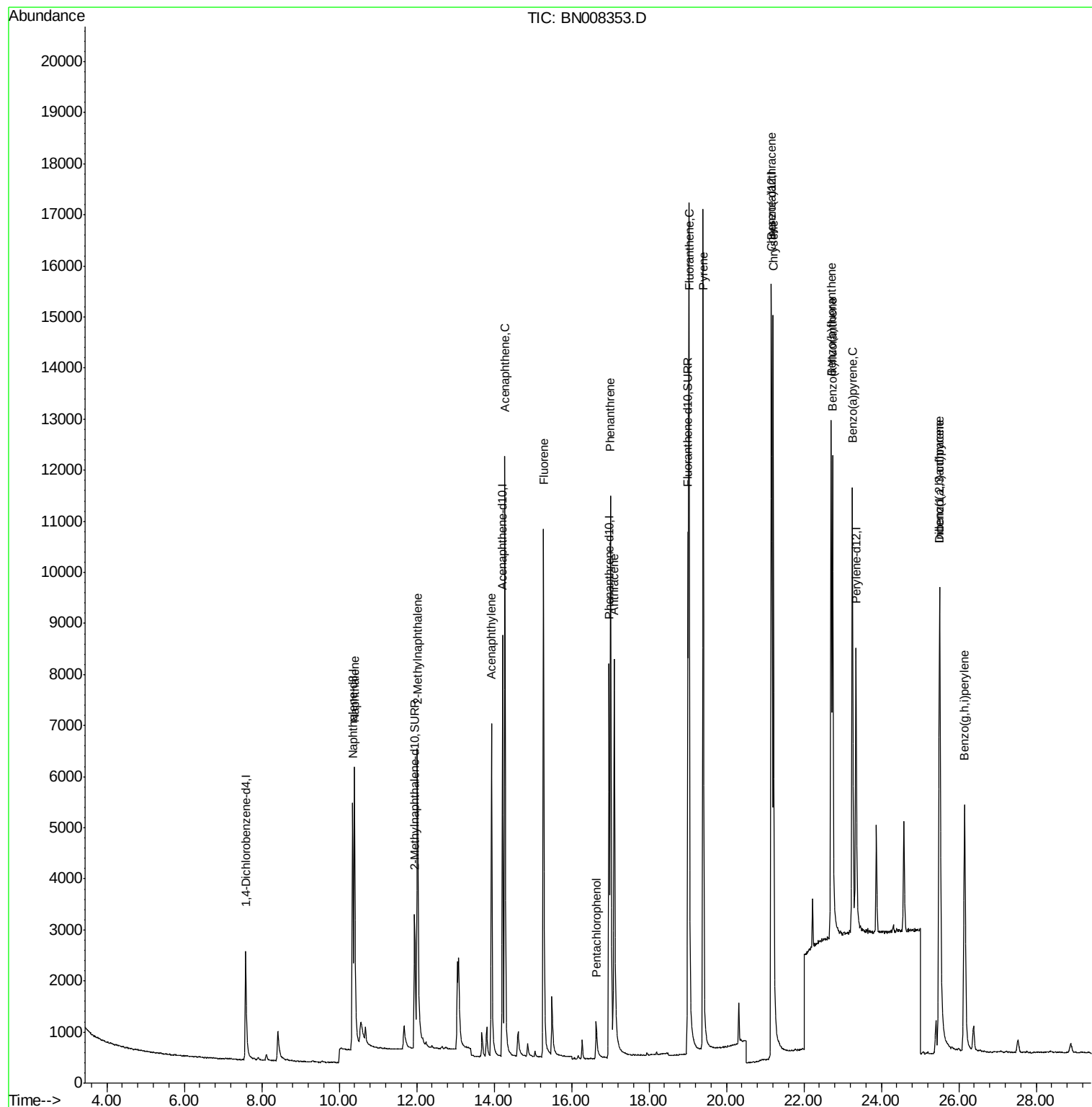
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1674	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8093	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5352	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11205	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	9450	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	7518	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	5251	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	14268	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	9174	0.398	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	6311	0.399	ng/ul	99
7) Acenaphthylene	13.94	152	9318	0.366	ng/ul	100
8) Acenaphthene	14.28	153	7566	0.382	ng/ul	97
9) Fluorene	15.27	166	8420	0.374	ng/ul	97
11) Pentachlorophenol	16.64	266	876	0.323	ng/ul	98
12) Phenanthrene	17.01	178	13794	0.420	ng/ul	100
13) Anthracene	17.10	178	12178	0.422	ng/ul	99
15) Fluoranthene	19.03	202	16715	0.386	ng/ul	95
17) Pyrene	19.40	202	17212	0.457	ng/ul	99
18) Benzo(a)anthracene	21.16	228	13583	0.395	ng/ul	99
19) Chrysene	21.21	228	16397	0.389	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	12233	0.500	ng/ul	92
22) Benzo(k)fluoranthene	22.74	252	14062	0.507	ng/ul	98
23) Benzo(a)pyrene	23.25	252	12086	0.469	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	12331	0.407	ng/ul	94
25) Dibenzo(a,h)anthracene	25.51	278	9972	0.416	ng/ul	100
26) Benzo(g,h,i)perylene	26.15	276	10826	0.389	ng/ul	97

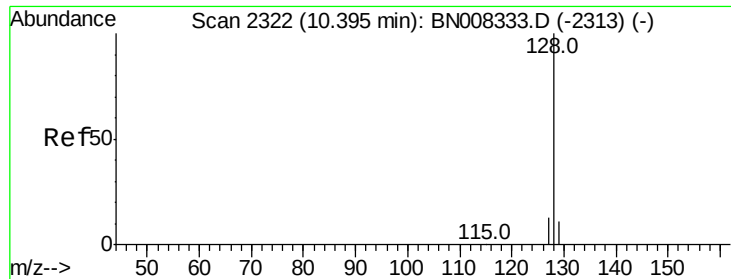
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#3

Naphthalene

Concen: 0.398 ng/ul

RT: 10.40 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampled :

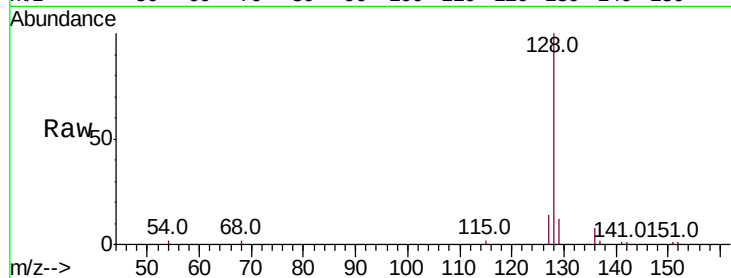
Tot Ion:128 Resp: 9174

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.8

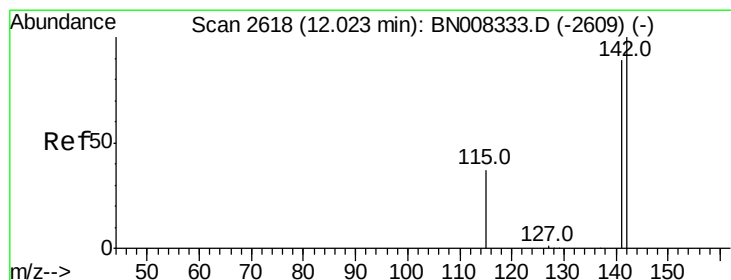
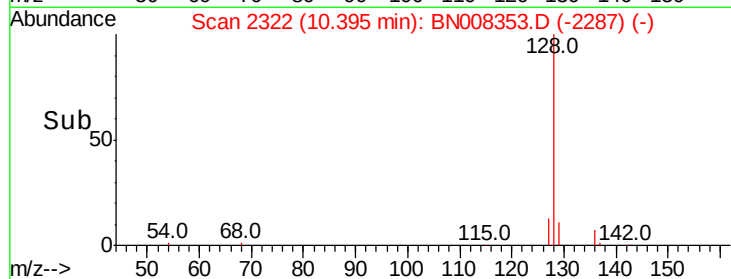
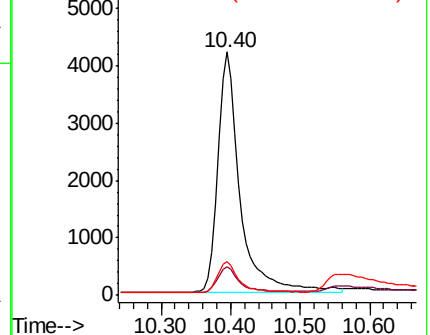
127 13.8 11.1 16.7



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: 0.399 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008353.D

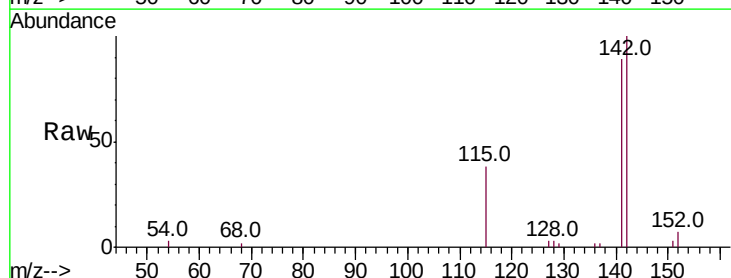
Acq: 23 Oct 2019 17:20

Tgt Ion:142 Resp: 6311

Ion Ratio Lower Upper

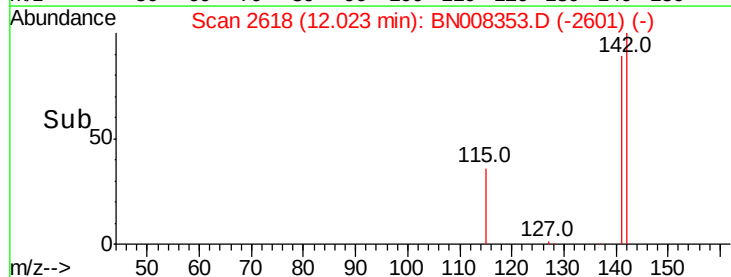
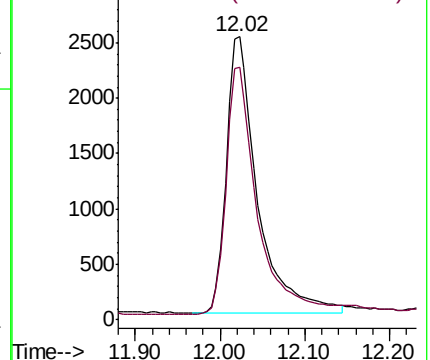
142 100

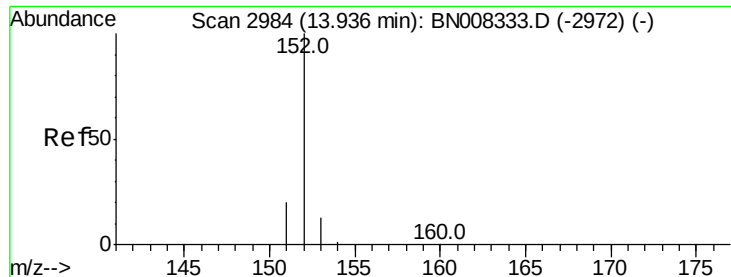
141 90.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.366 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampleId :

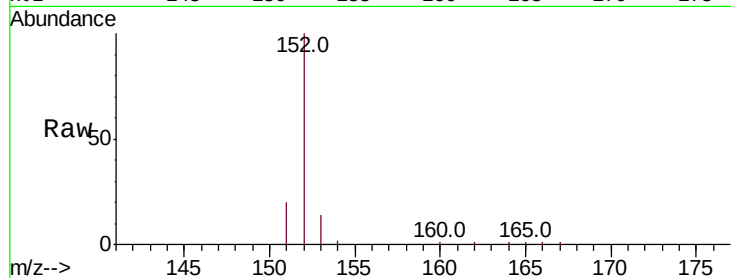
Tot Ion:152 Resp: 9318

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

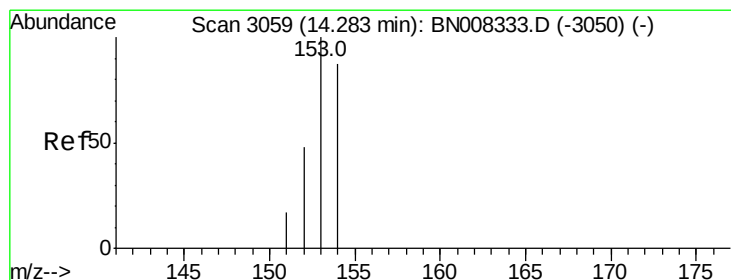
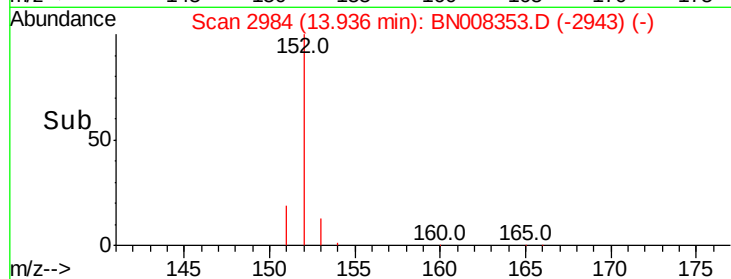
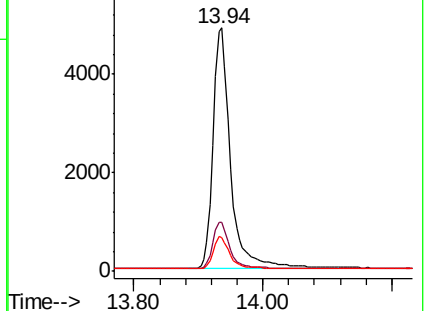
153 13.9 11.0 16.4



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: 0.382 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

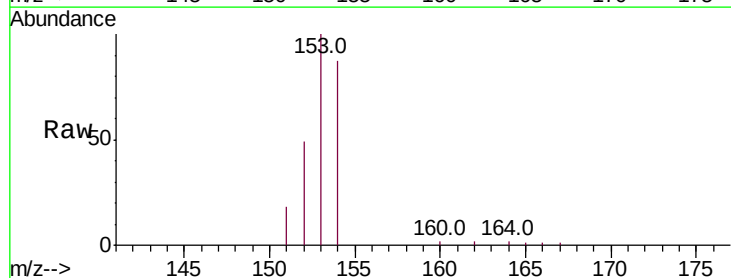
Tgt Ion:153 Resp: 7566

Ion Ratio Lower Upper

153 100

152 49.4 38.2 57.2

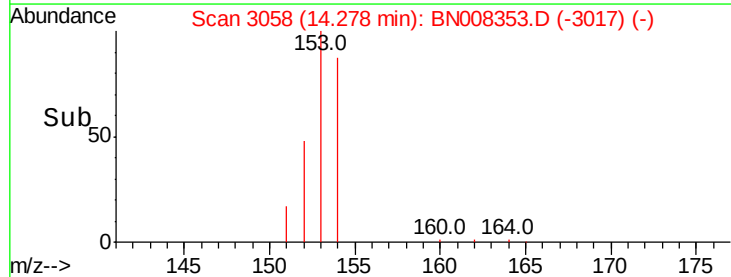
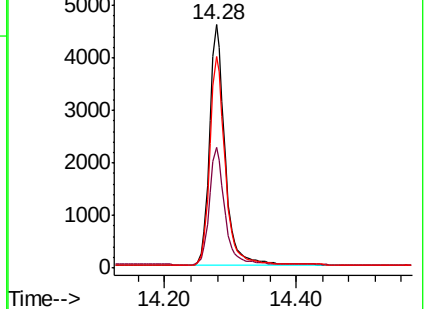
154 87.2 71.8 107.8

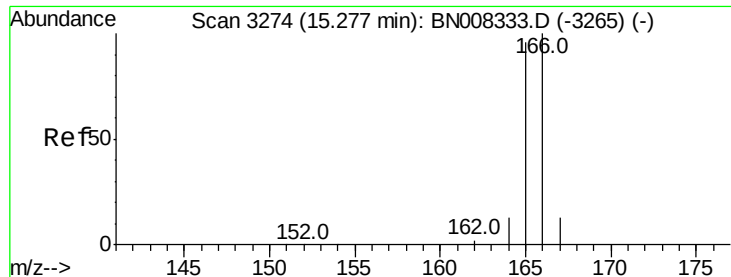


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

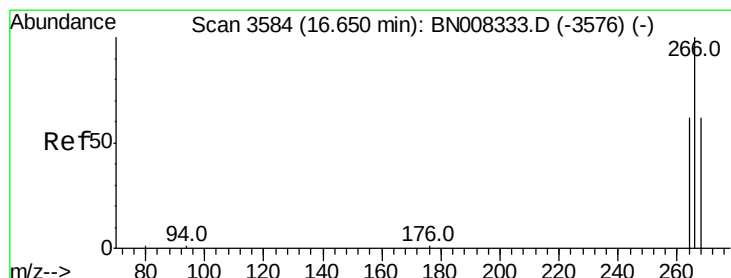
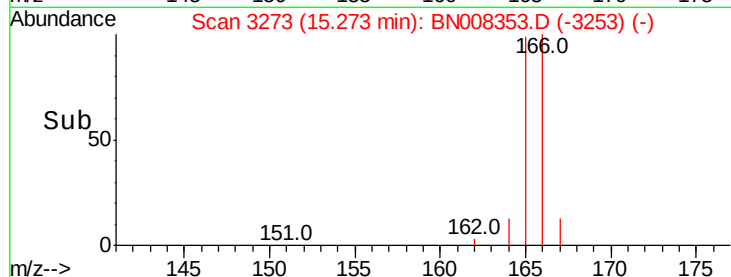
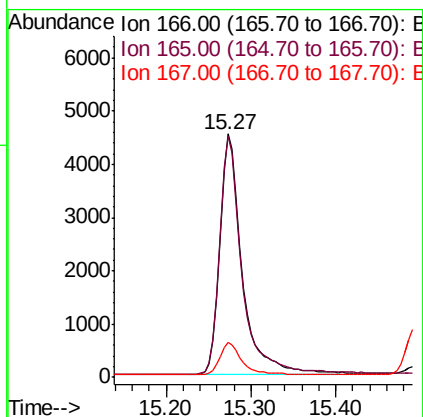
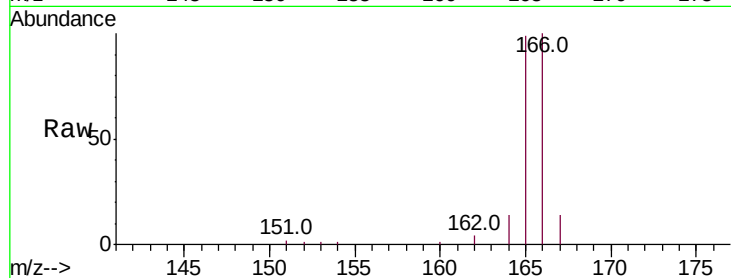




#9
Fluorene
 Concen: 0.374 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008353.D
 Acq: 23 Oct 2019 17:20

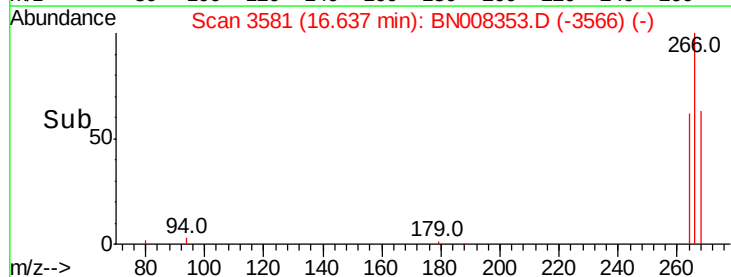
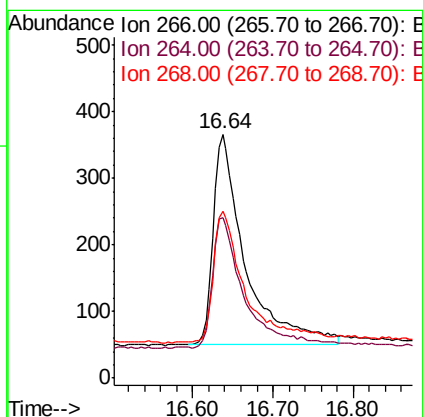
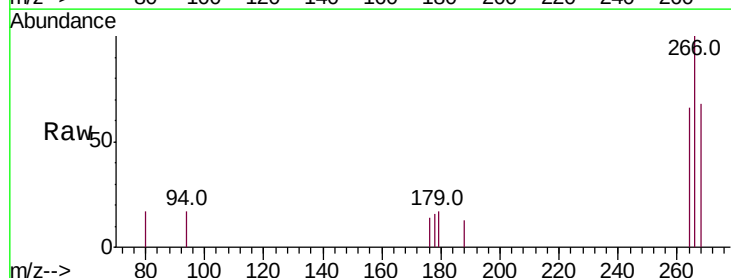
Instrument :
 BNA_N
 ClientSampleId :

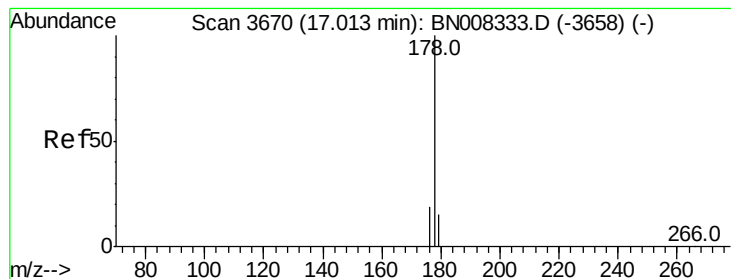
Tot Ion:166 Resp: 8420
 Ion Ratio Lower Upper
 166 100
 165 99.0 76.6 115.0
 167 14.3 11.7 17.5



#11
Pentachlorophenol
 Concen: 0.323 ng/ul
 RT: 16.64 min Scan# 3581
 Delta R.T. -0.04 min
 Lab File: BN008353.D
 Acq: 23 Oct 2019 17:20

Tgt Ion:266 Resp: 876
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.1 75.1
 268 62.7 51.9 77.9





#12

Phenanthrene

Concen: 0.420 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampleId :

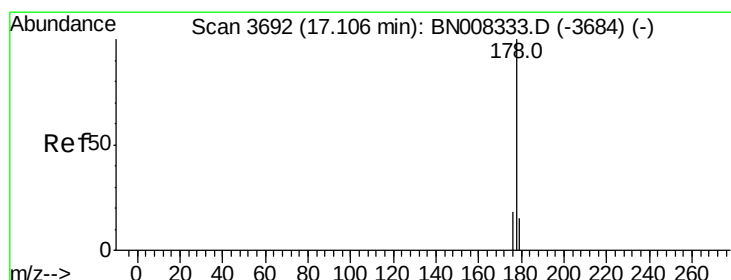
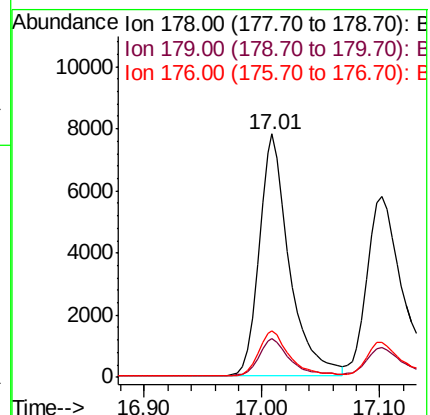
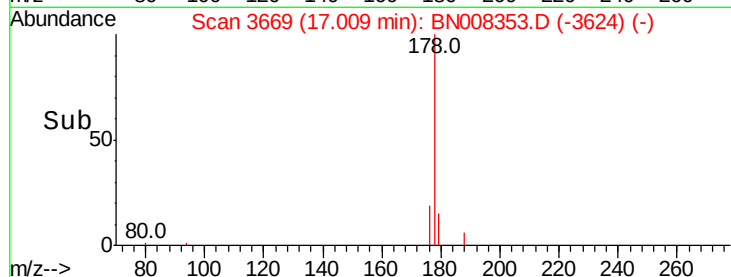
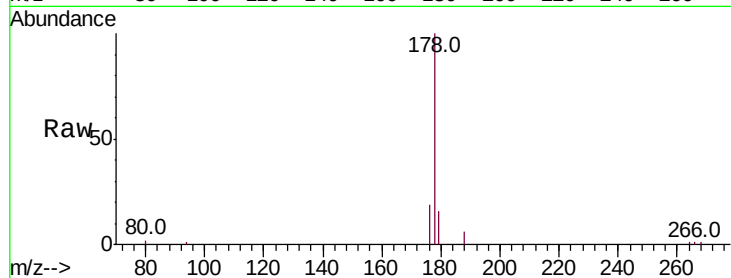
Tot Ion:178 Resp: 13794

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.2 15.4 23.2



#13

Anthracene

Concen: 0.422 ng/ul

RT: 17.10 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

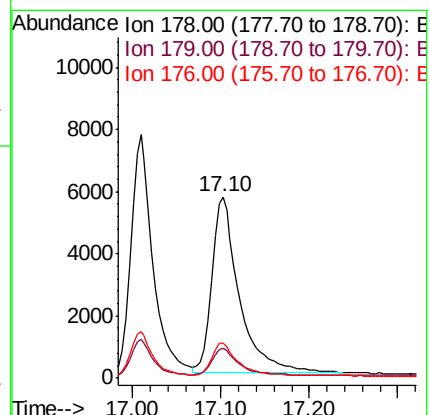
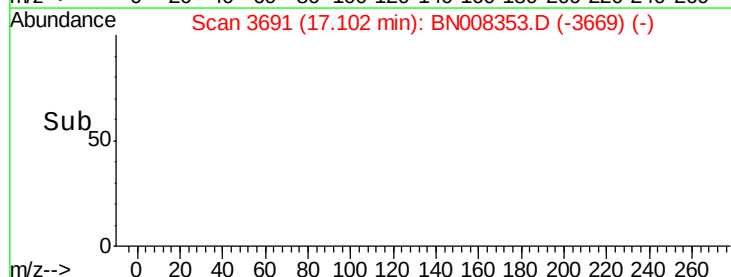
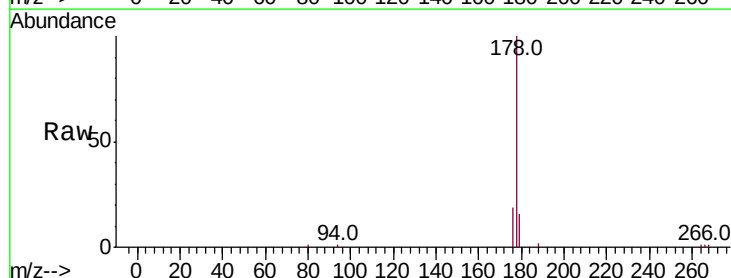
Tgt Ion:178 Resp: 12178

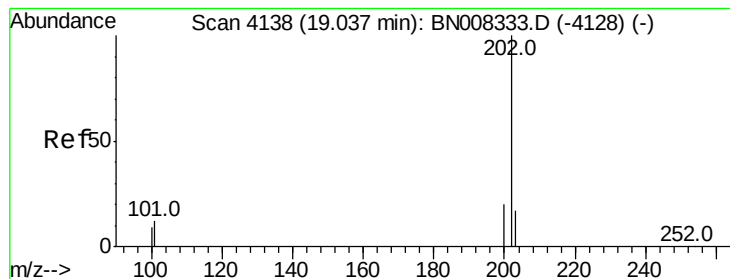
Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.6

176 19.2 15.0 22.6





#15

Fluoranthene

Concen: 0.386 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampleId :

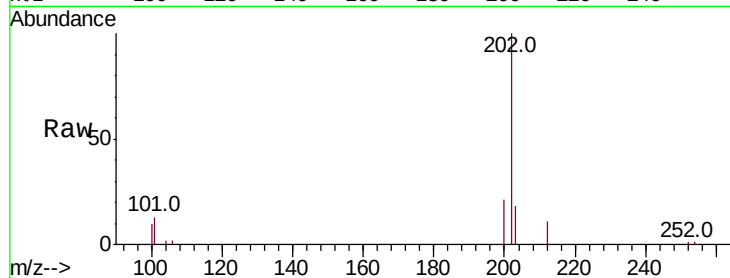
Tot Ion:202 Resp: 16715

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.2

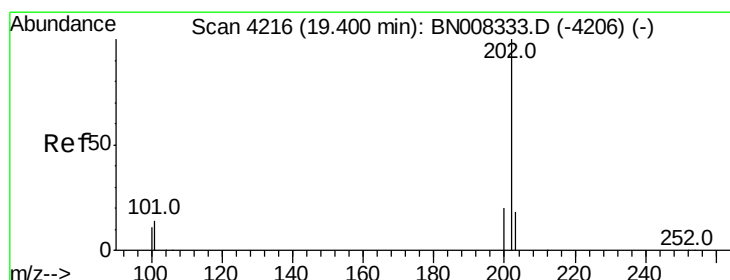
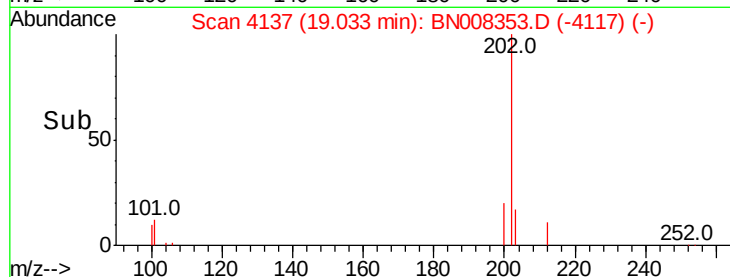
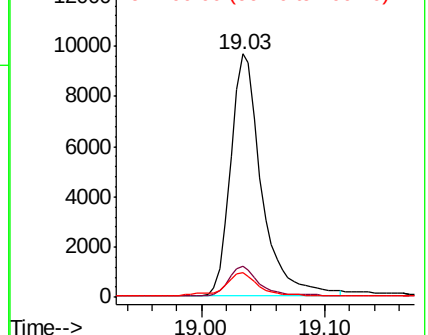
100 10.3 0.0 28.5



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: 0.457 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

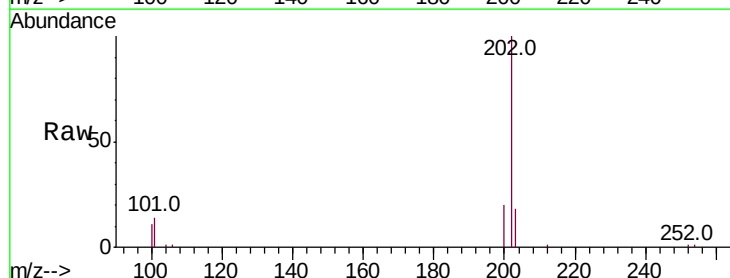
Tgt Ion:202 Resp: 17212

Ion Ratio Lower Upper

202 100

101 13.8 10.9 16.3

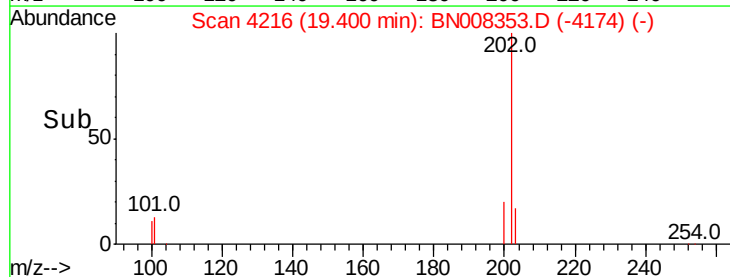
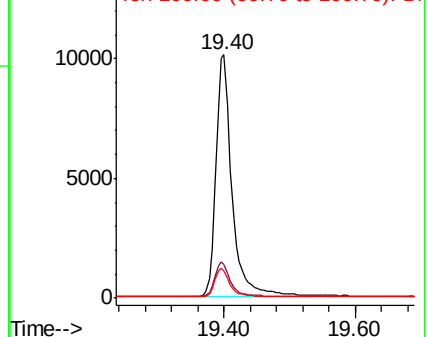
100 11.1 8.7 13.1

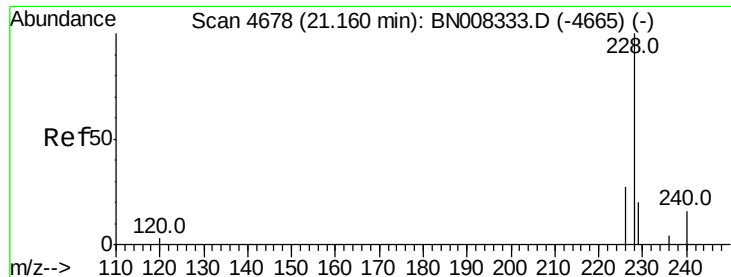


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.395 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampleId :

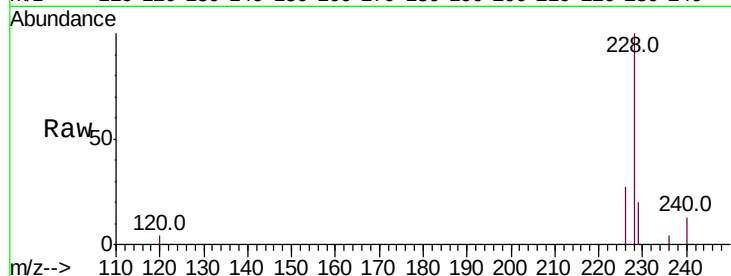
Tot Ion:228 Resp: 13583

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.2

226 27.2 21.4 32.0

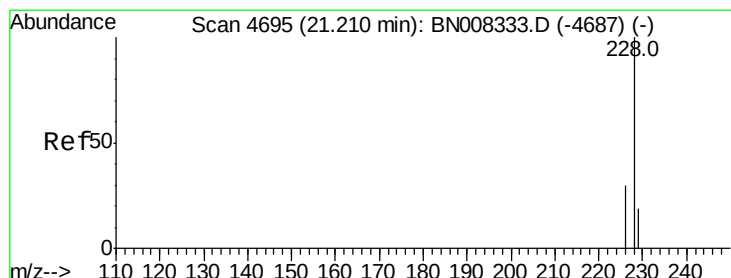
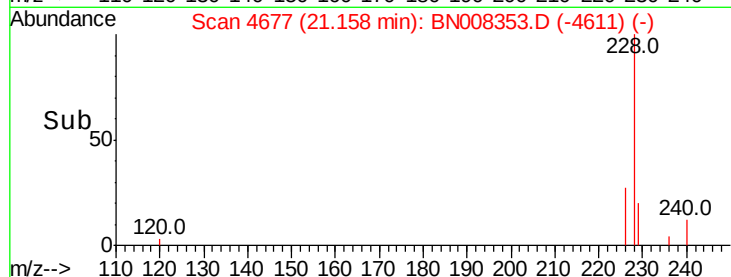
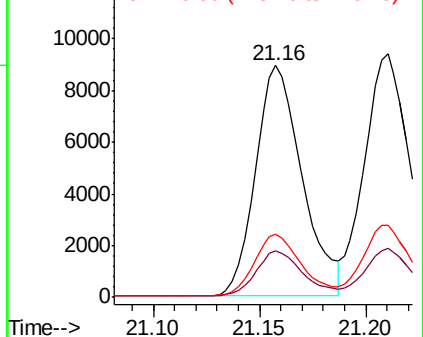


Abundance

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: 0.389 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

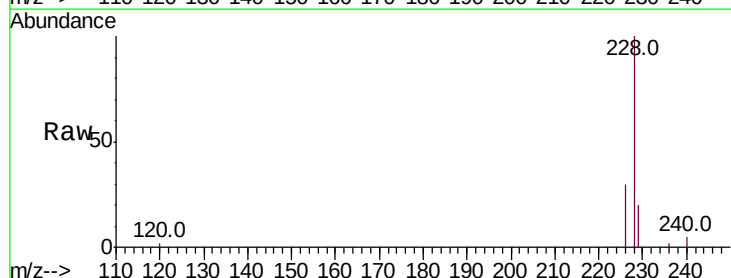
Tgt Ion:228 Resp: 16397

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.9 16.2 24.2

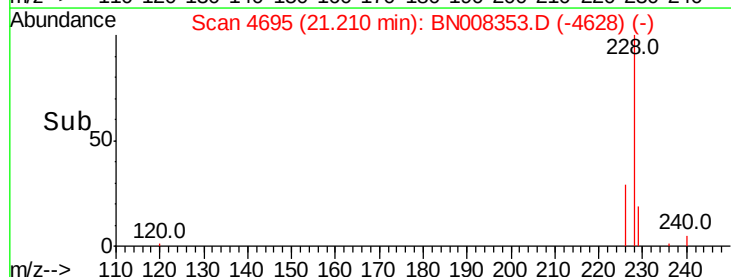
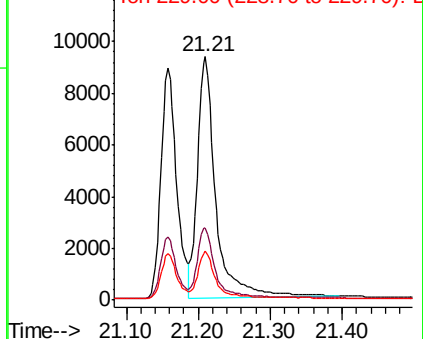


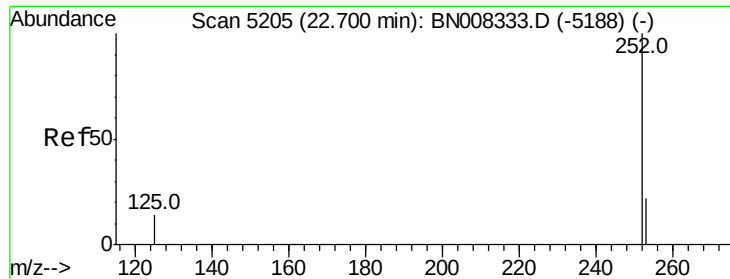
Abundance

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: 0.500 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampleId :

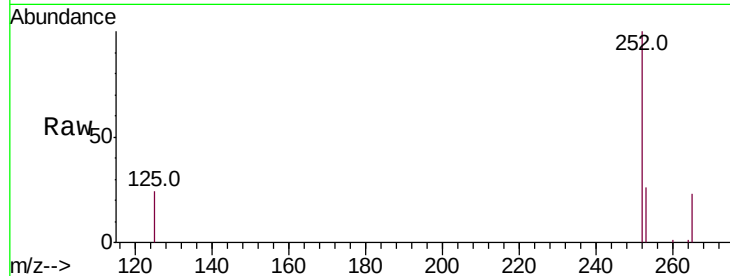
Tot Ion:252 Resp: 12233

Ion Ratio Lower Upper

252 100

253 26.1 0.0 53.4

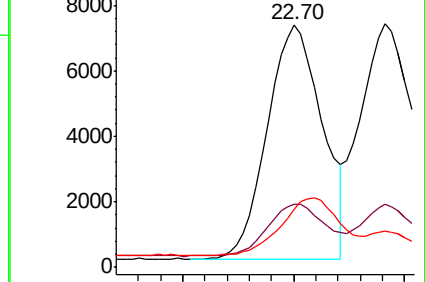
125 24.0 0.0 32.4



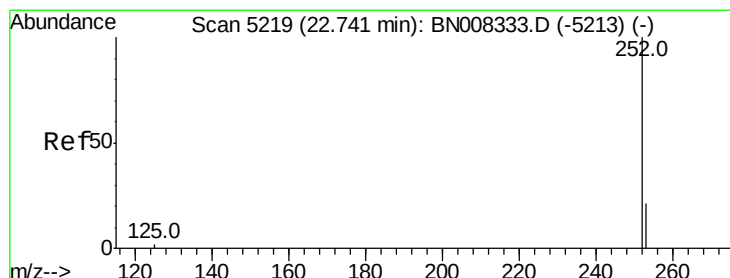
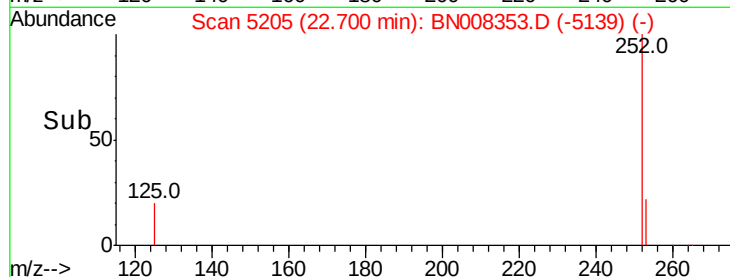
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.507 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

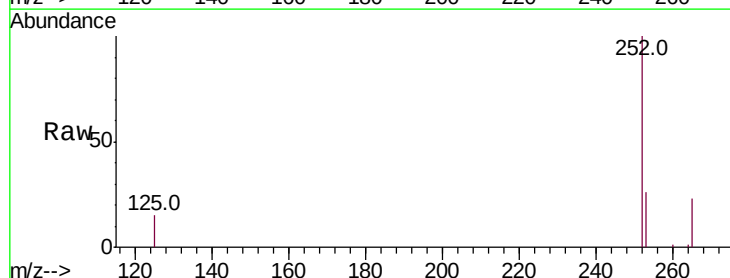
Tgt Ion:252 Resp: 14062

Ion Ratio Lower Upper

252 100

253 25.7 21.3 31.9

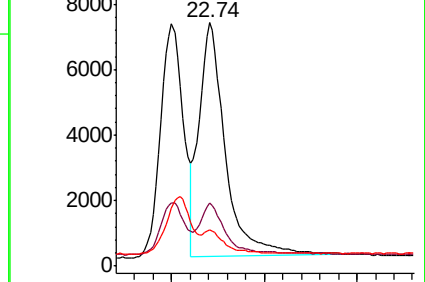
125 14.9 12.3 18.5



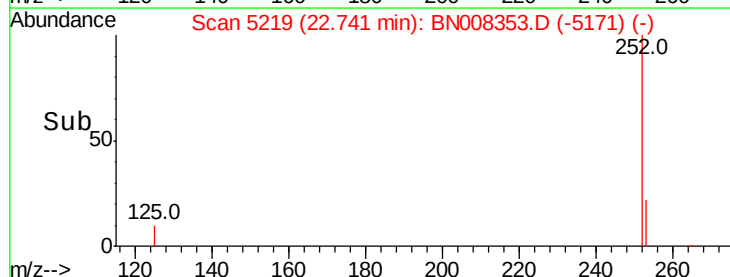
Abundance Ion 252.00 (251.70 to 252.70): E

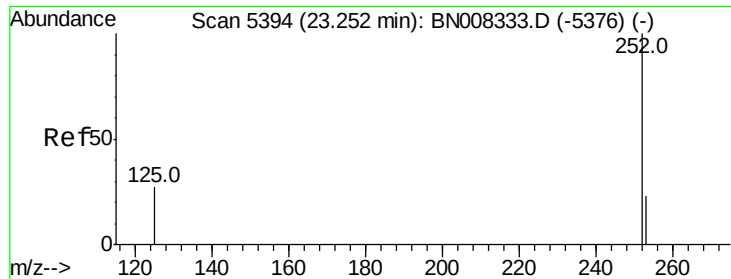
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.469 ng/ul

RT: 23.25 min Scan# 5394

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampleId :

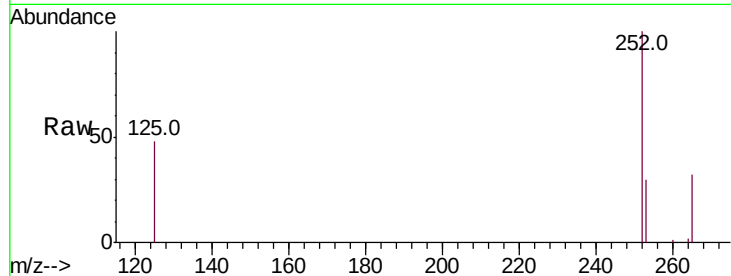
Tot Ion:252 Resp: 12086

Ion Ratio Lower Upper

252 100

253 30.3 22.8 34.2

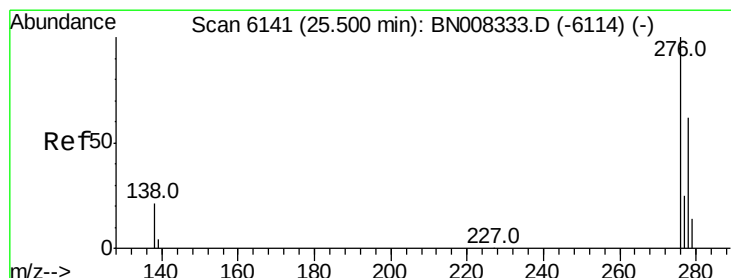
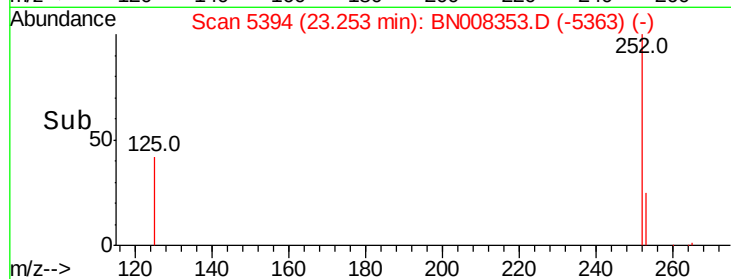
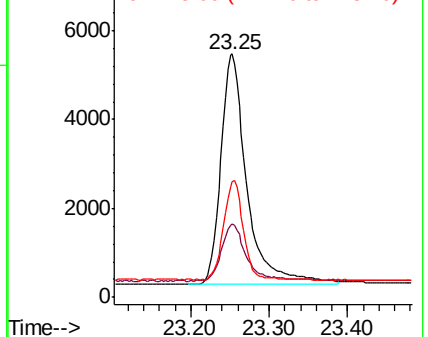
125 47.5 18.4 27.6#



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: 0.407 ng/ul

RT: 25.50 min Scan# 6141

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

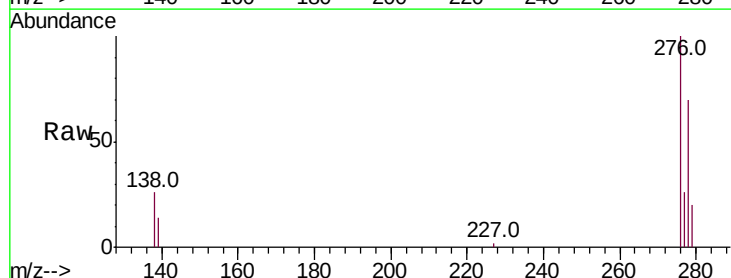
Tgt Ion:276 Resp: 12331

Ion Ratio Lower Upper

276 100

138 22.8 16.1 24.1

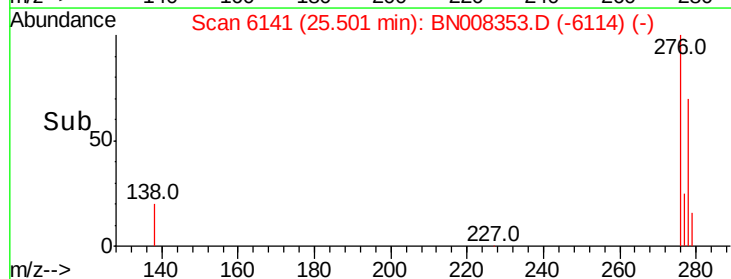
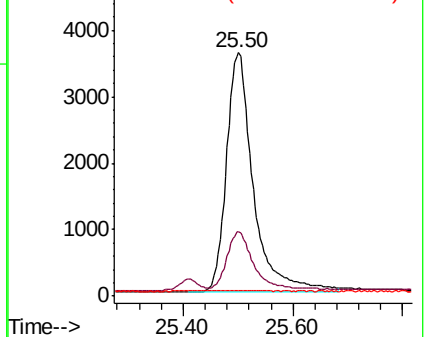
227 0.2 0.2 0.2

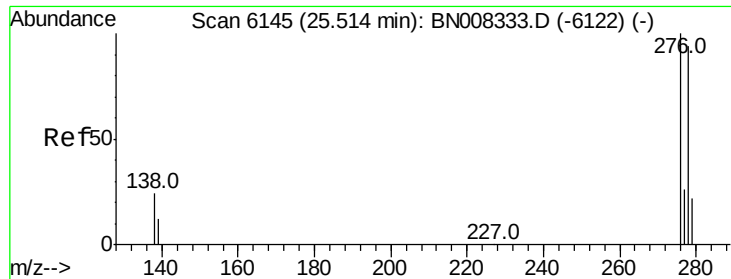


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.416 ng/ul

RT: 25.51 min Scan# 6144

Delta R.T. -0.01 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

Instrument :

BNA_N

ClientSampleId :

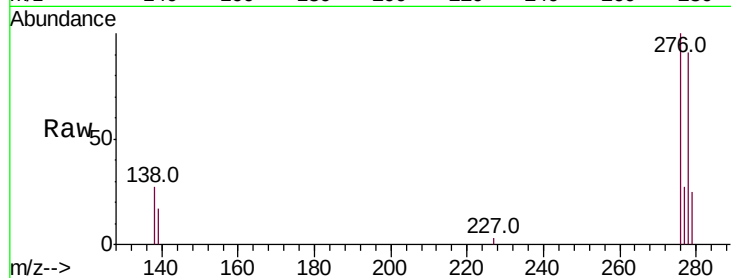
Tot Ion:278 Resp: 9972

Ion Ratio Lower Upper

278 100

139 19.0 15.0 22.6

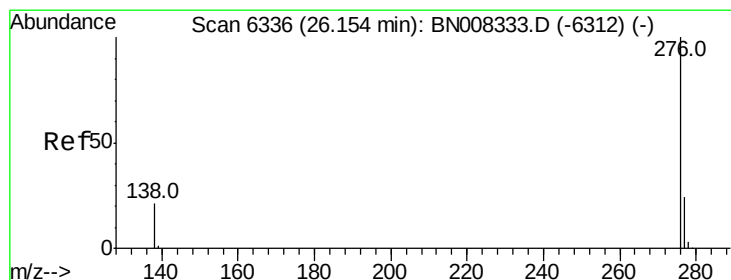
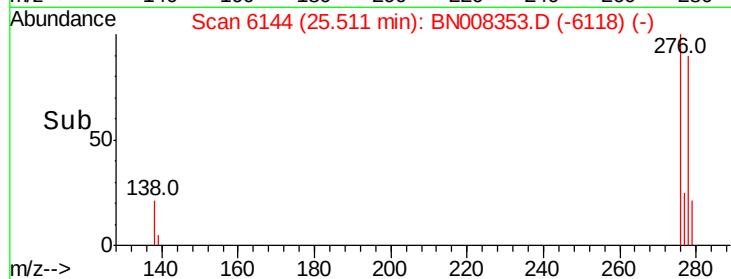
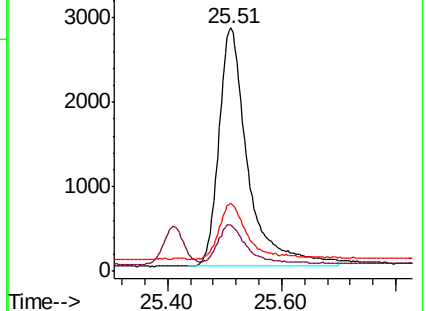
279 27.8 22.4 33.6



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: 0.389 ng/ul

RT: 26.15 min Scan# 6334

Delta R.T. -0.02 min

Lab File: BN008353.D

Acq: 23 Oct 2019 17:20

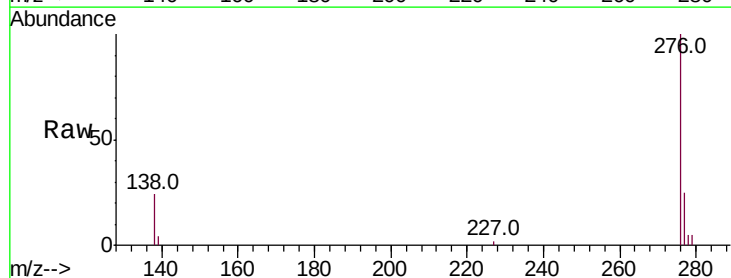
Tgt Ion:276 Resp: 10826

Ion Ratio Lower Upper

276 100

138 24.2 17.0 25.4

277 25.5 20.4 30.6



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

