

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008403.D
 Acq On : 25 Oct 2019 00:23
 Operator : JU
 Sample : K5236-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 01:43:22 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

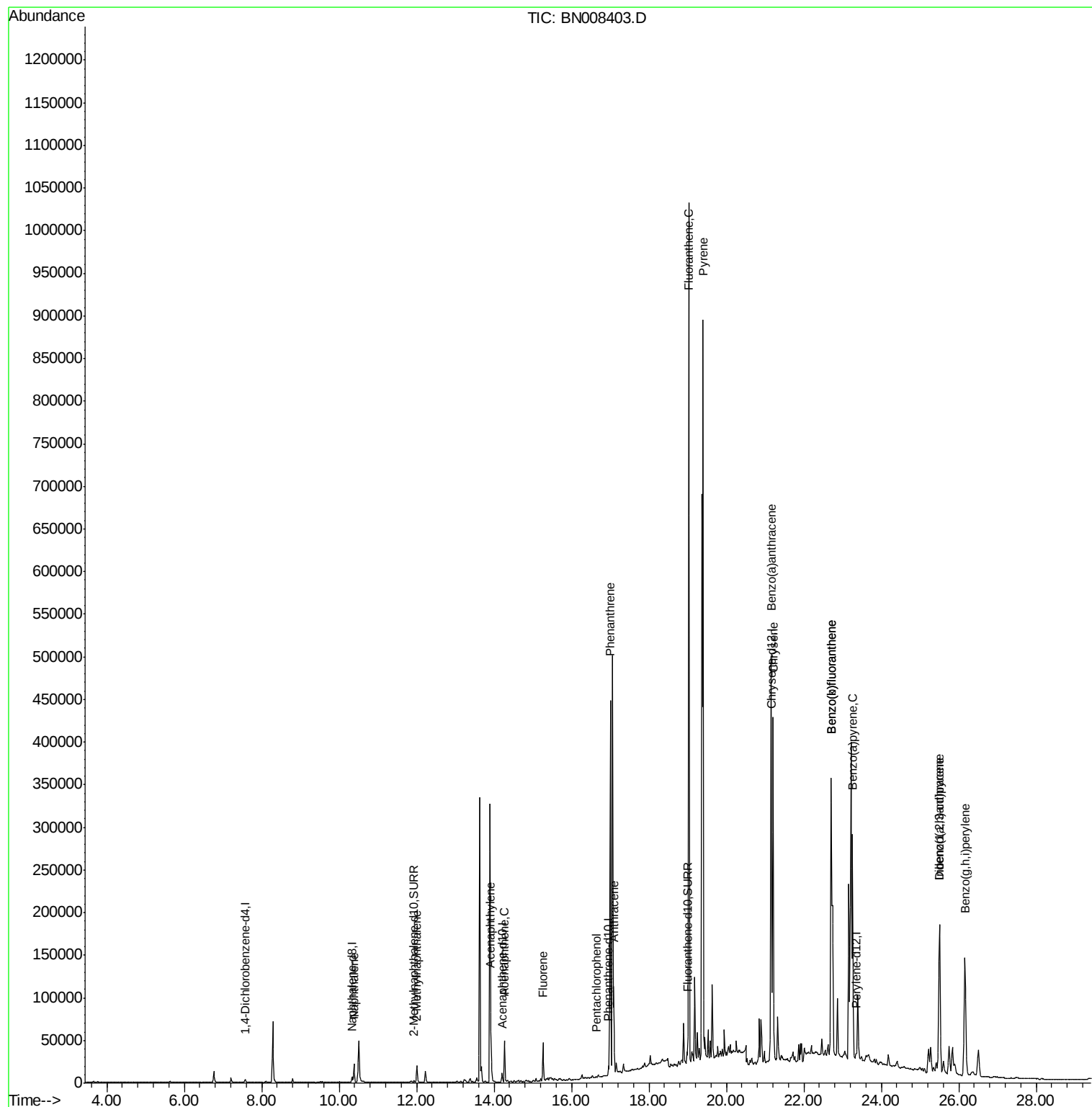
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1960	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	9052	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5909	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	12708	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	10836	0.40	ng/ul	-0.01
20) Perylene-d12	23.35	264	8872	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2679	0.18	ng/ul	-0.03
14) Fluoranthene-d10	19.00	212	7886	0.18	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	30160	1.170	ng/ul	98
5) 2-Methylnaphthalene	12.01	142	14328	0.810	ng/ul	99
7) Acenaphthylene	13.92	152	51531	1.831	ng/ul	100
8) Acenaphthene	14.27	153	27371	1.251	ng/ul	99
9) Fluorene	15.26	166	28190	1.134	ng/ul	98
11) Pentachlorophenol	16.62	266	224	0.073	ng/ul	92
12) Phenanthrene	17.00	178	440196	11.831	ng/ul	99
13) Anthracene	17.09	178	100407	3.067	ng/ul	99
15) Fluoranthene	19.03	202	857420	17.449	ng/ul	97
17) Pyrene	19.39	202	708779	16.428	ng/ul	99
18) Benzo(a)anthracene	21.15	228	390052	9.901	ng/ul	96
19) Chrysene	21.21	228	394178	8.153	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	706491	24.462	ng/ul	95
22) Benzo(k)fluoranthene	22.70	252	706491	21.594	ng/ul	95
23) Benzo(a)pyrene	23.25	252	349222	11.491	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.50	276	263145	7.351	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.50	278	64694	2.286	ng/ul#	89
26) Benzo(g,h,i)perylene	26.16	276	279451	8.514	ng/ul	98

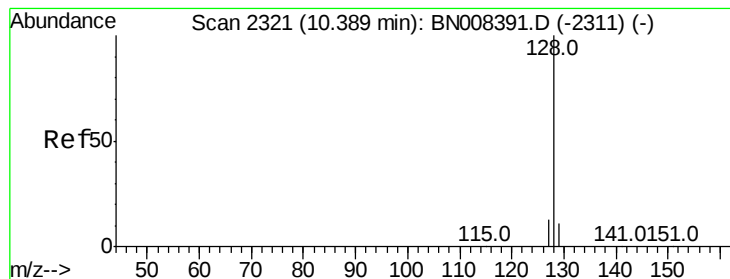
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.170 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

ClientSampleId :

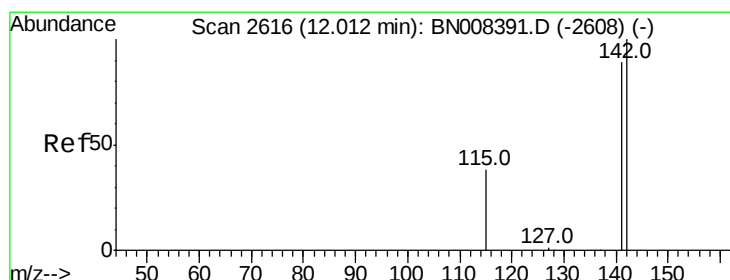
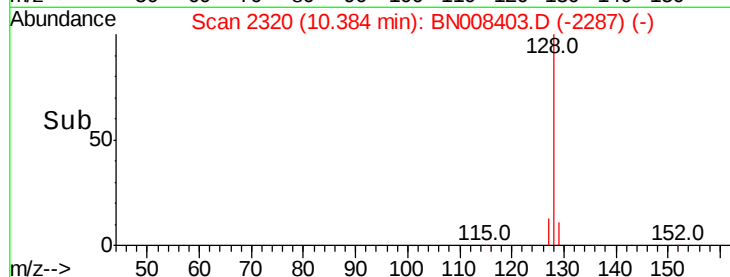
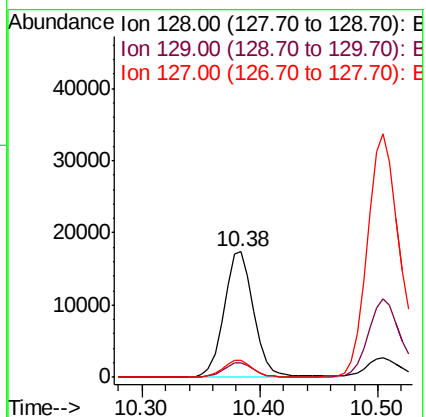
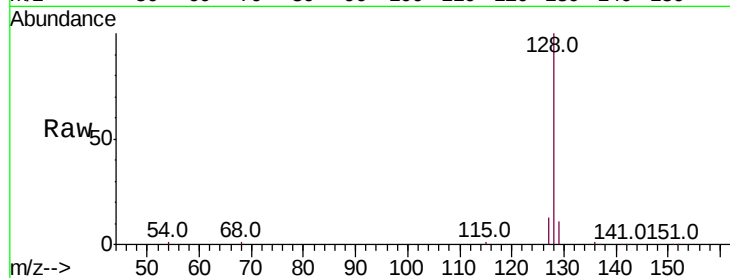
Tot Ion:128 Resp: 30160

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

127 13.1 11.1 16.7



#5

2-Methylnaphthalene

Concen: 0.810 ng/ul

RT: 12.01 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BN008403.D

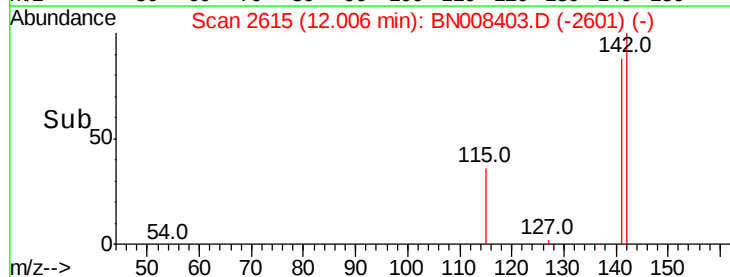
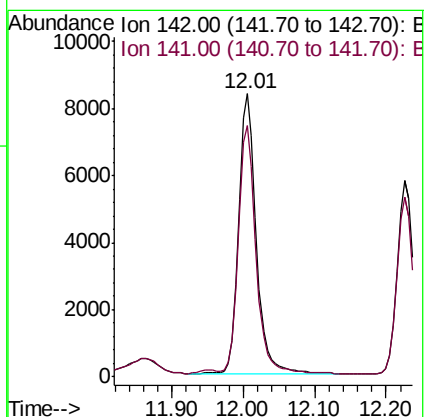
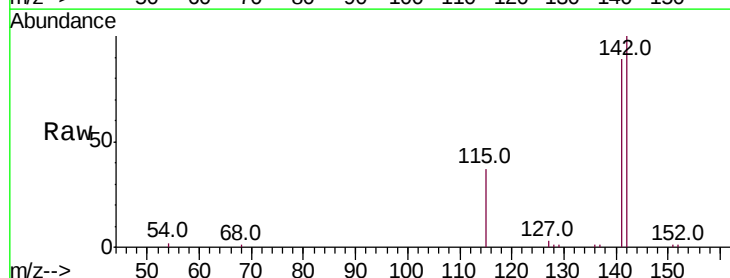
Acq: 25 Oct 2019 00:23

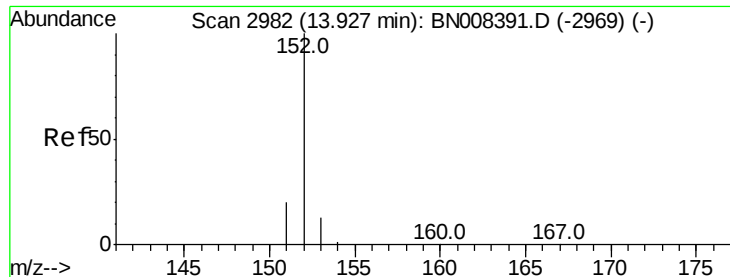
Tgt Ion:142 Resp: 14328

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2





#7

Acenaphthylene

Concen: 1.831 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

ClientSampleId :

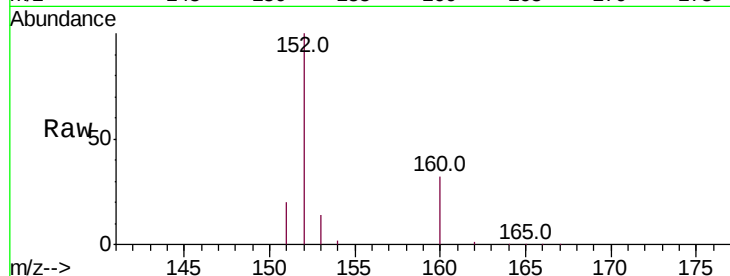
Tot Ion:152 Resp: 51531

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.7 11.0 16.4

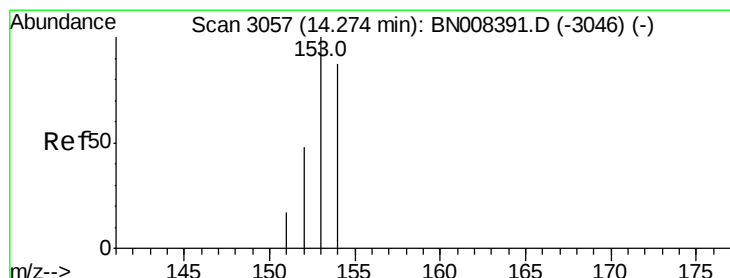
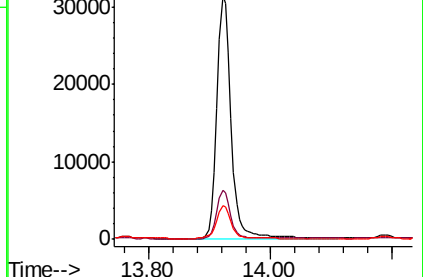
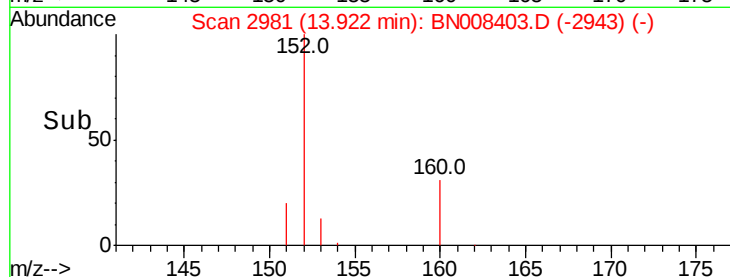


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



#8

Acenaphthene

Concen: 1.251 ng/ul

RT: 14.27 min Scan# 3056

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

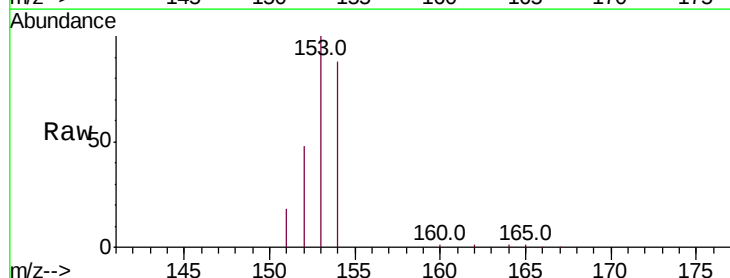
Tgt Ion:153 Resp: 27371

Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.2

154 88.4 71.8 107.8

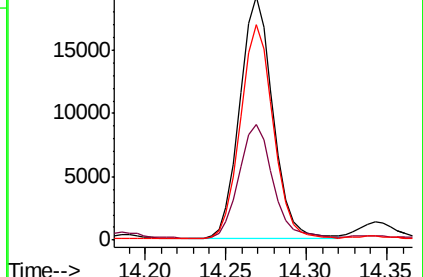
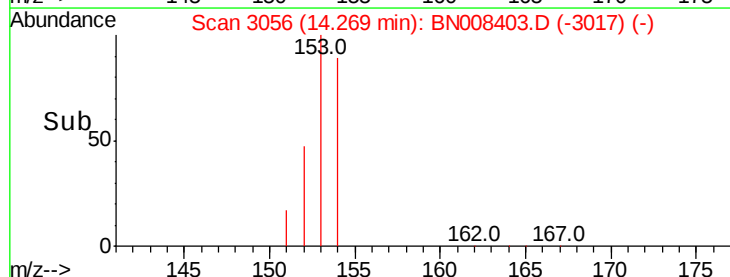


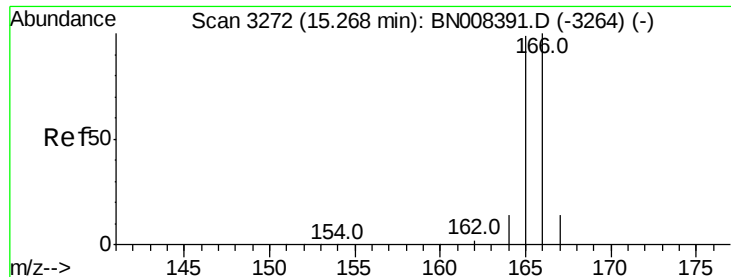
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->





#9

Fluorene

Concen: 1.134 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

ClientSampleId :

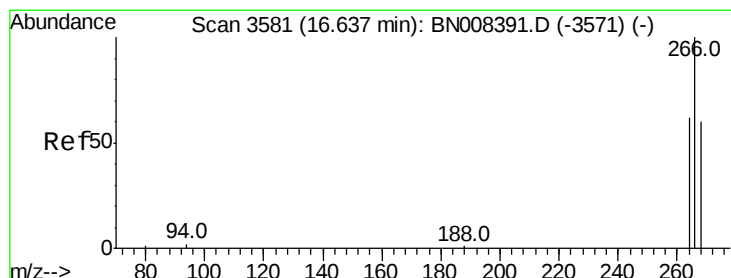
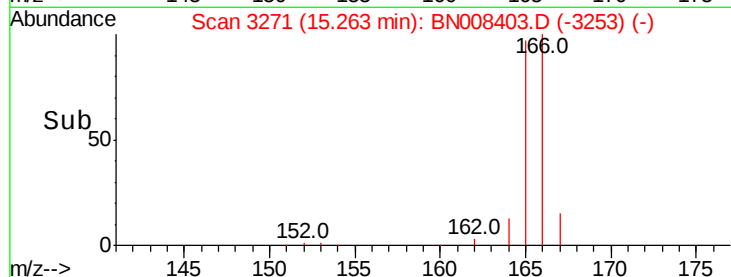
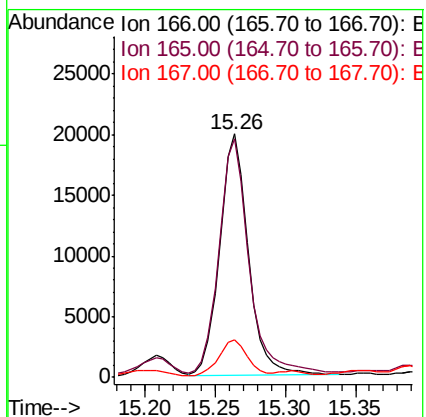
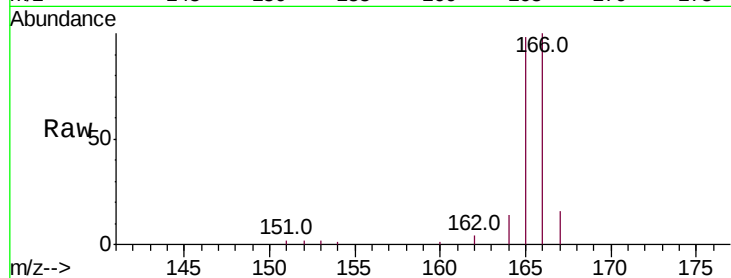
Tot Ion:166 Resp: 28190

Ion Ratio Lower Upper

166 100

165 98.1 76.6 115.0

167 15.5 11.7 17.5



#11

Pentachlorophenol

Concen: 0.073 ng/ul

RT: 16.62 min Scan# 3578

Delta R.T. -0.05 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

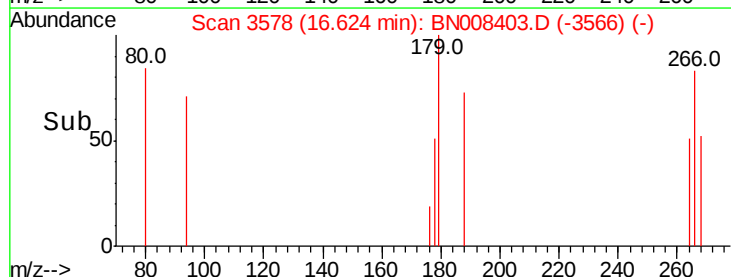
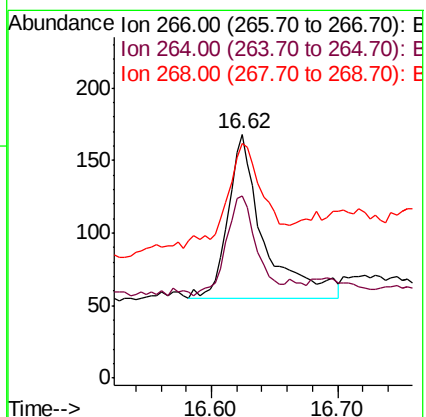
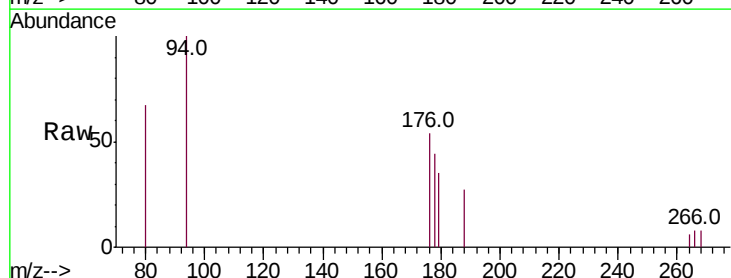
Tgt Ion:266 Resp: 224

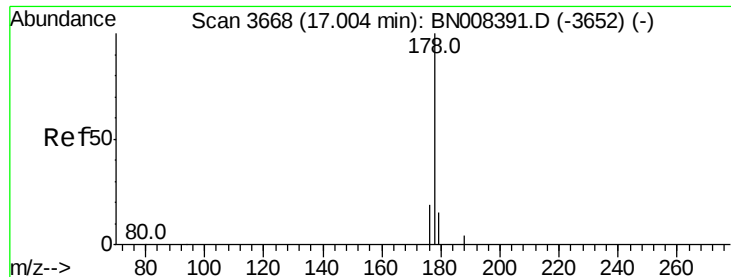
Ion Ratio Lower Upper

266 100

264 52.2 50.1 75.1

268 63.4 51.9 77.9





#12

Phenanthrene

Concen: 11.831 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

ClientSampleId :

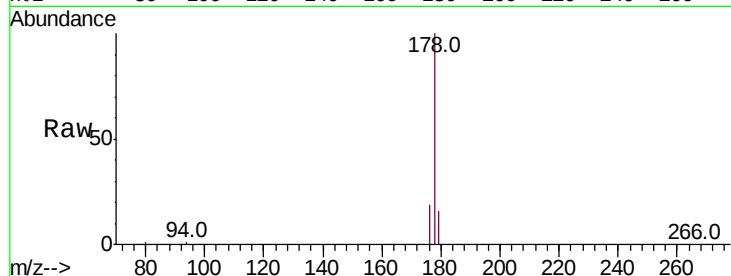
Tot Ion:178 Resp: 440196

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

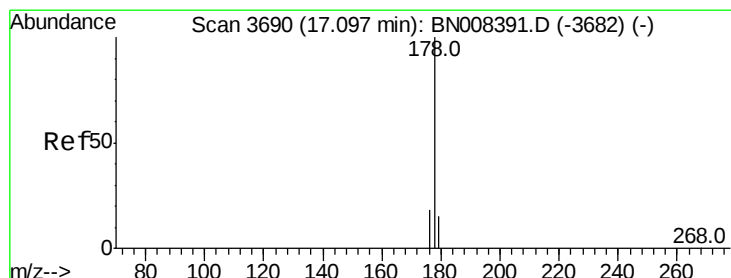
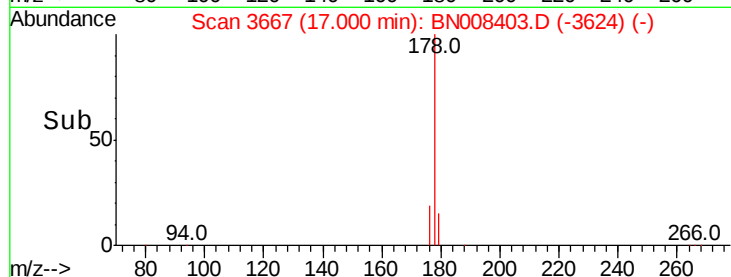
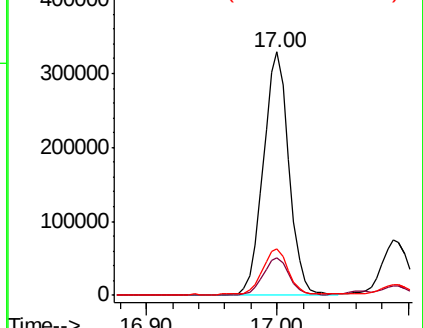
176 18.9 15.4 23.2



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: 3.067 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

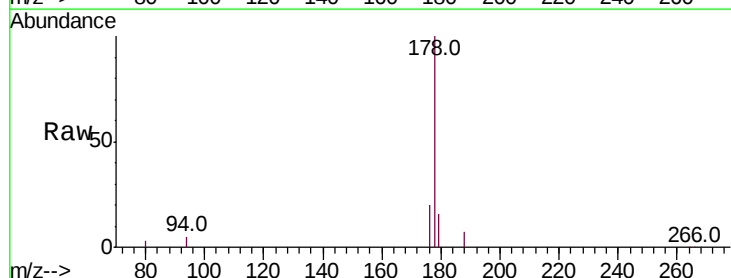
Tgt Ion:178 Resp: 100407

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

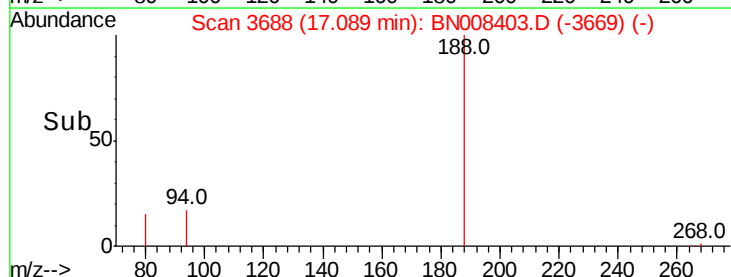
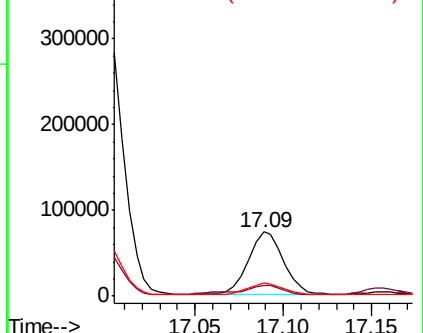
176 19.9 15.0 22.6

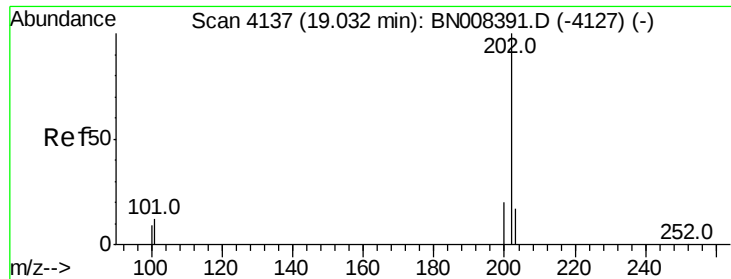


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 17.449 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

ClientSampleId :

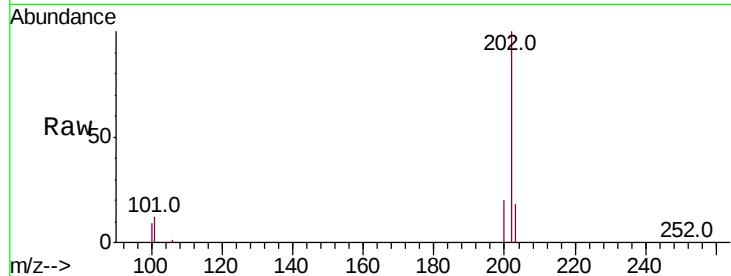
Tot Ion:202 Resp: 857420

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.2

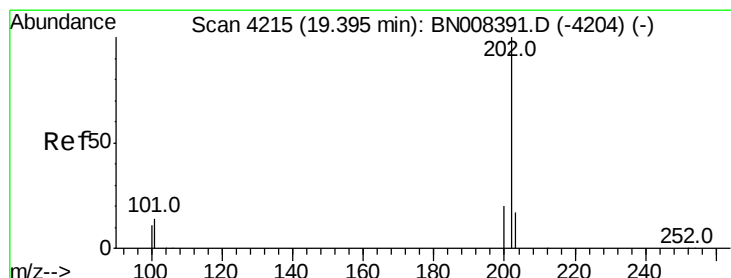
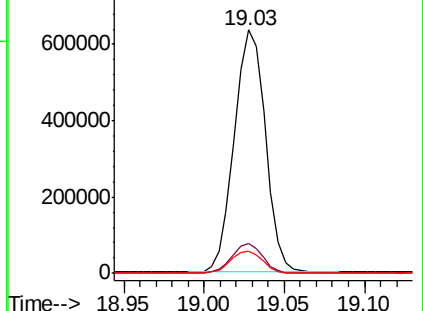
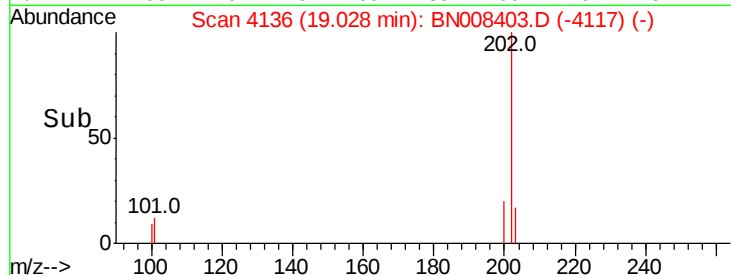
100 9.3 0.0 28.5



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: 16.428 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

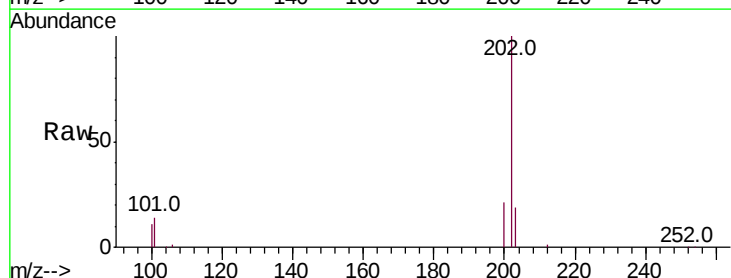
Tgt Ion:202 Resp: 708779

Ion Ratio Lower Upper

202 100

101 13.8 10.9 16.3

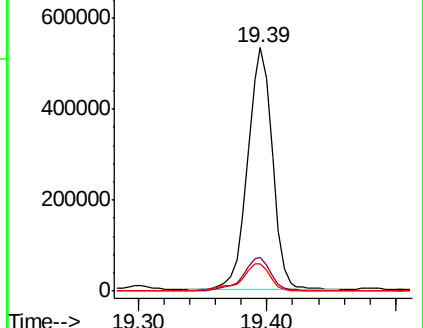
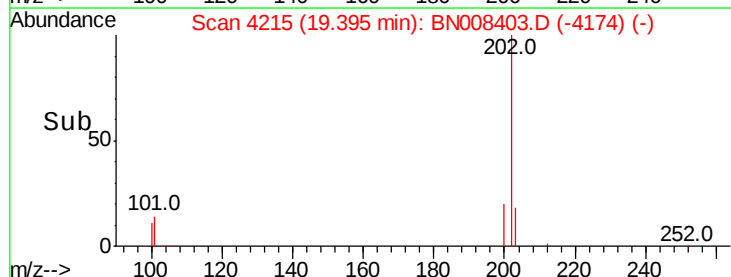
100 11.2 8.7 13.1

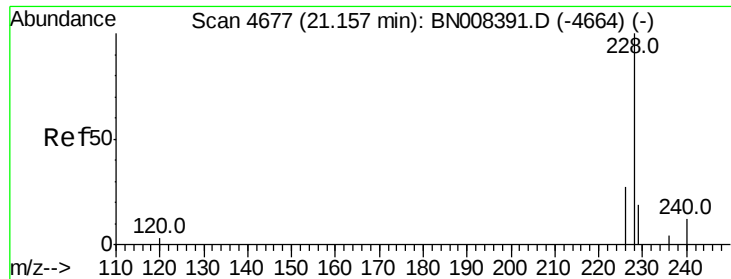


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 9.901 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

ClientSampleId :

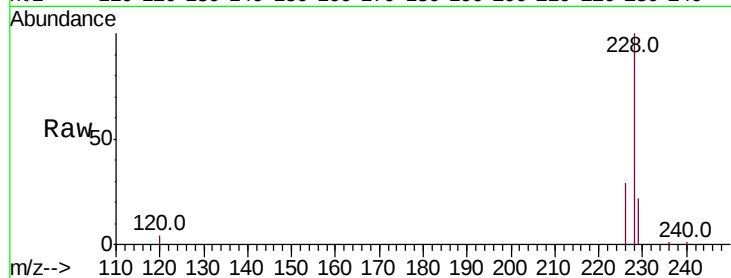
Tot Ion:228 Resp: 390052

Ion Ratio Lower Upper

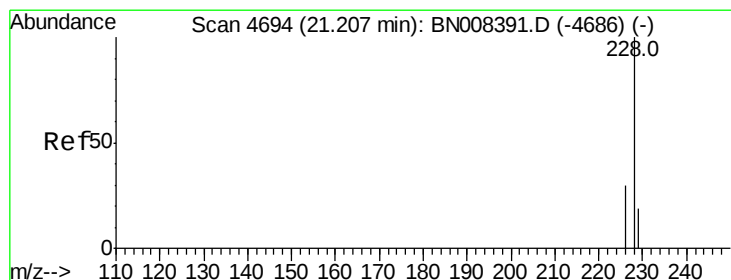
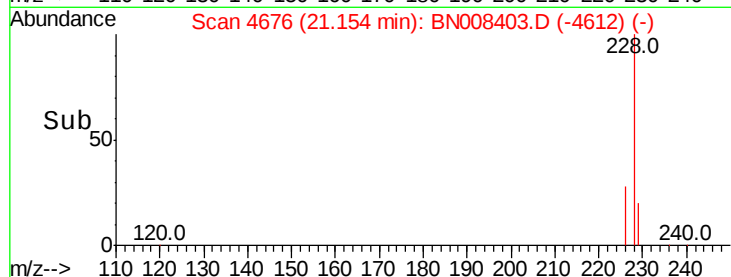
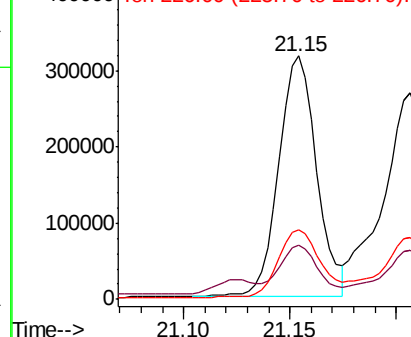
228 100

229 22.1 16.2 24.2

226 28.7 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: 8.153 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

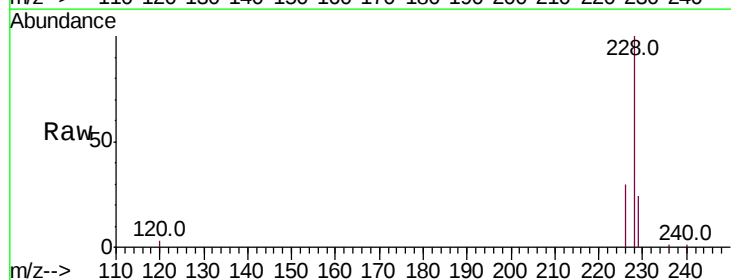
Tgt Ion:228 Resp: 394178

Ion Ratio Lower Upper

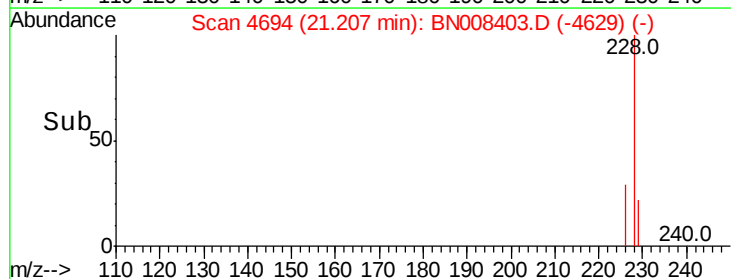
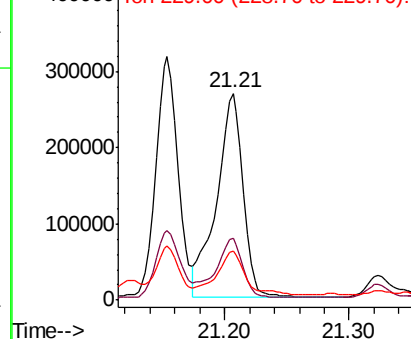
228 100

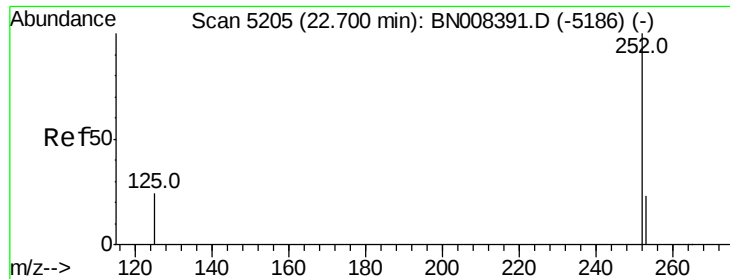
226 29.7 24.1 36.1

229 23.9 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

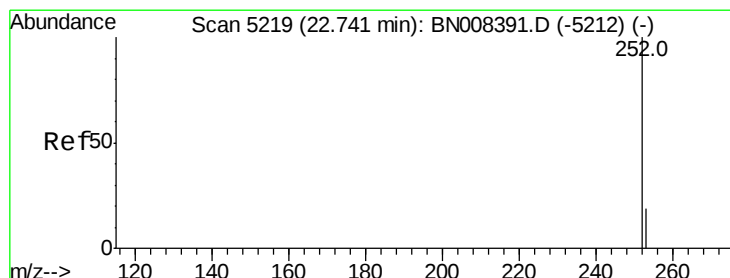
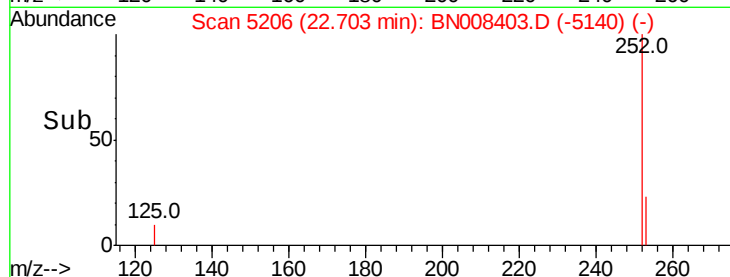
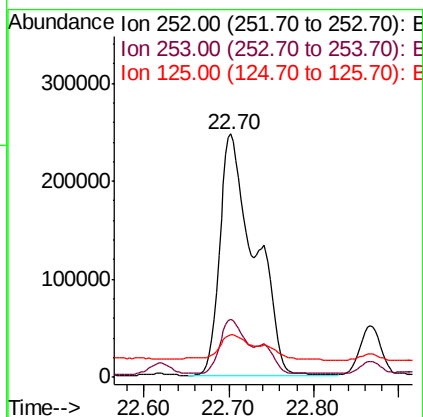
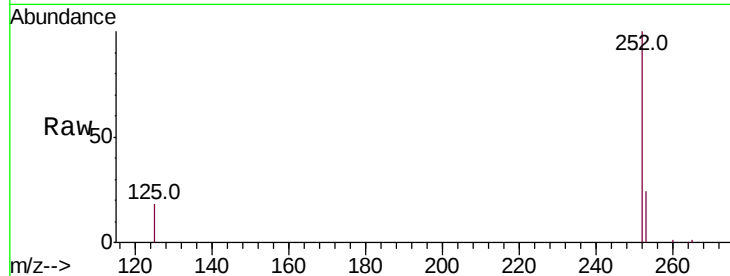




#21
Benzo(b)fluoranthene
Concen: 24.462 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

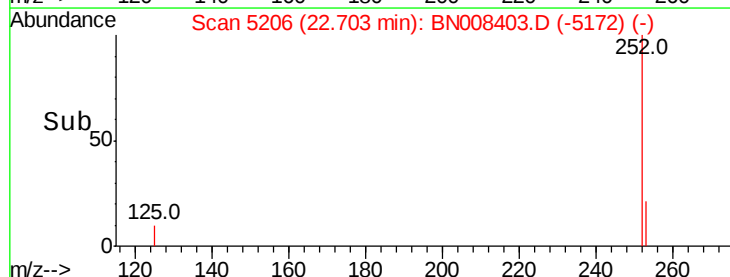
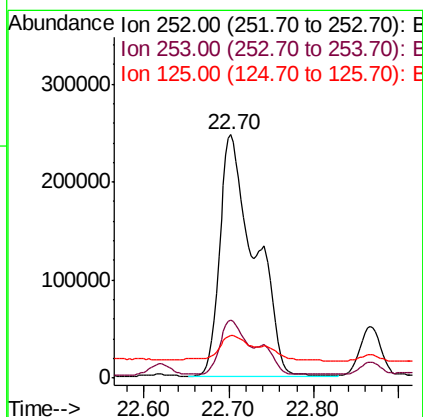
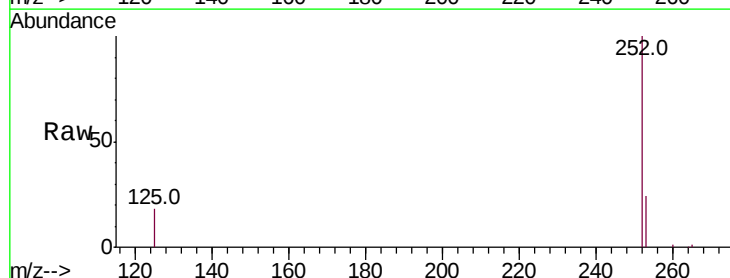
Instrument :
BNA_N
ClientSampleId :

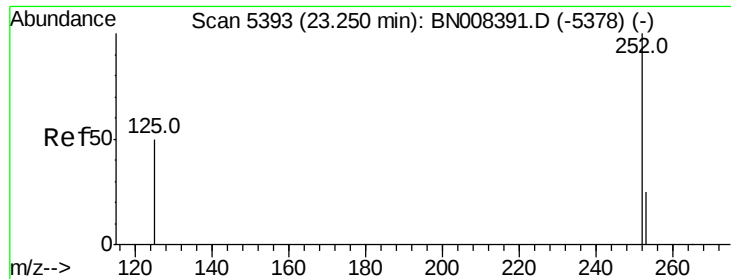
Tot Ion:252 Resp: 706491
Ion Ratio Lower Upper
252 100
253 23.8 0.0 53.4
125 17.6 0.0 32.4



#22
Benzo(k)fluoranthene
Concen: 21.594 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.05 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Tgt Ion:252 Resp: 706491
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 17.6 12.3 18.5





#23

Benzo(a)pyrene

Concen: 11.491 ng/ul

RT: 23.25 min Scan# 5394

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

ClientSampleId :

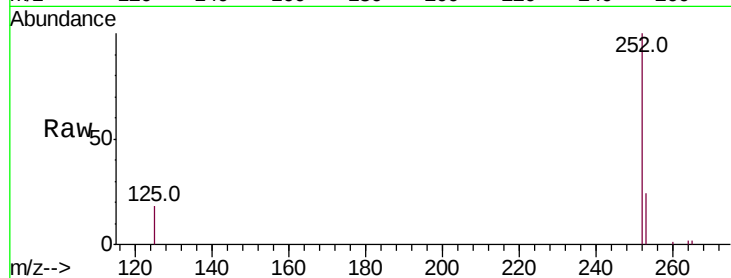
Tot Ion:252 Resp: 349222

Ion Ratio Lower Upper

252 100

253 24.0 22.8 34.2

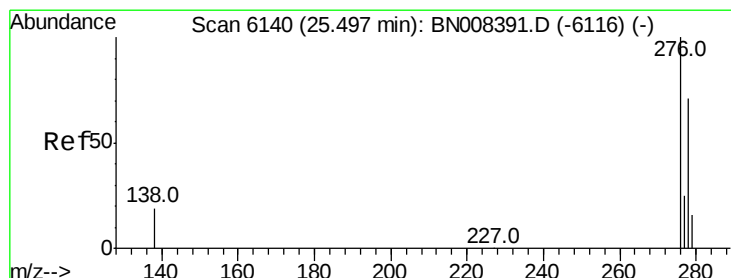
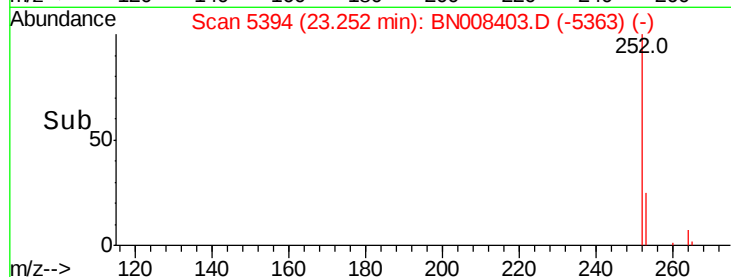
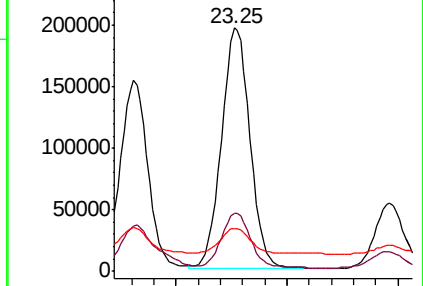
125 17.7 18.4 27.6#



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: 7.351 ng/ul

RT: 25.50 min Scan# 6142

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

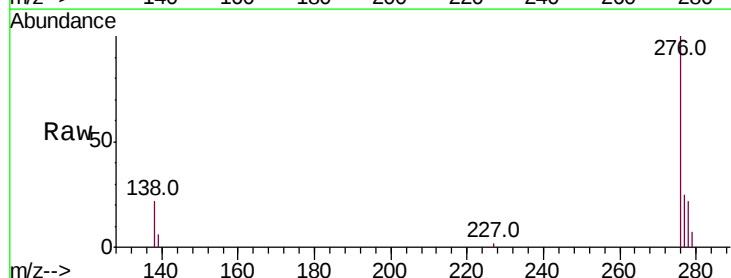
Tgt Ion:276 Resp: 263145

Ion Ratio Lower Upper

276 100

138 20.6 16.1 24.1

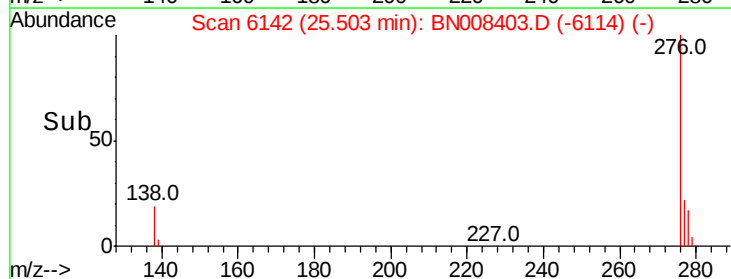
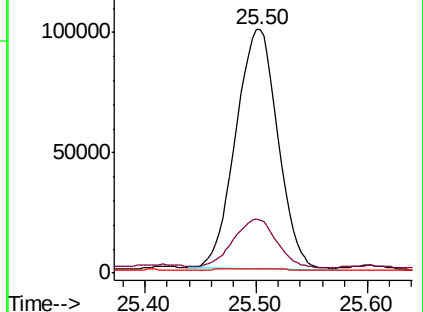
227 0.4 0.2 0.2#

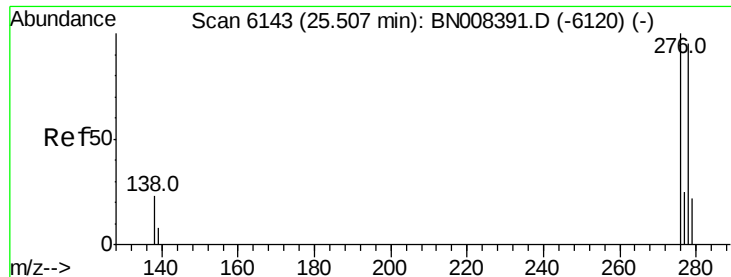


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

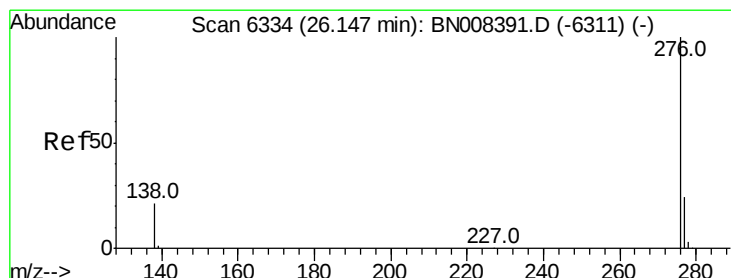
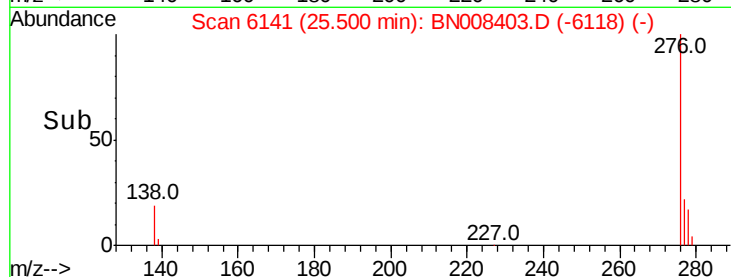
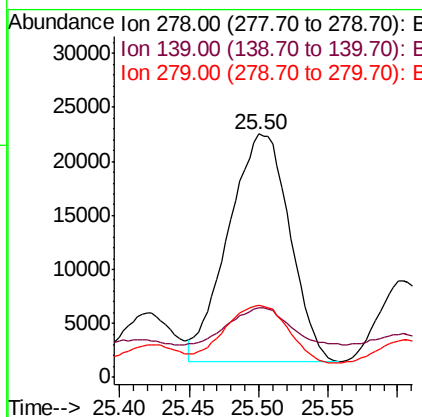
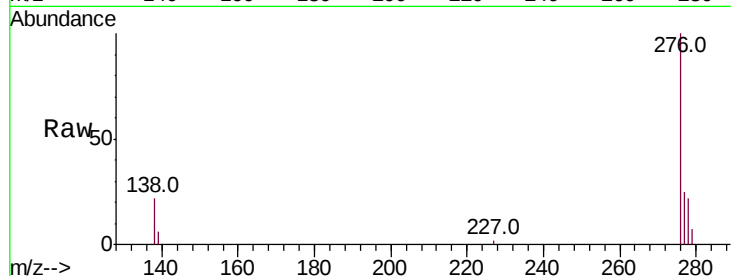




#25
Dibenzo(a,h)anthracene
Concen: 2.286 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 64694
Ion Ratio Lower Upper
278 100
139 28.5 15.0 22.6#
279 29.8 22.4 33.6



#26
Benzo(g,h,i)perylene
Concen: 8.514 ng/ul
RT: 26.16 min Scan# 6337
Delta R.T. -0.01 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Tgt Ion:276 Resp: 279451
Ion Ratio Lower Upper
276 100
138 22.1 17.0 25.4
277 24.5 20.4 30.6

