

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011754.D
 Acq On : 09 Sep 2020 02:08
 Operator : CG/JU
 Sample : L3843-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Quant Time: Sep 09 07:12:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 07:05:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2049	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8074	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4784	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.12
16) Chrysene-d12	21.31	240	8956	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	9135	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	3556	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7712	0.00	ng/ul	0.00

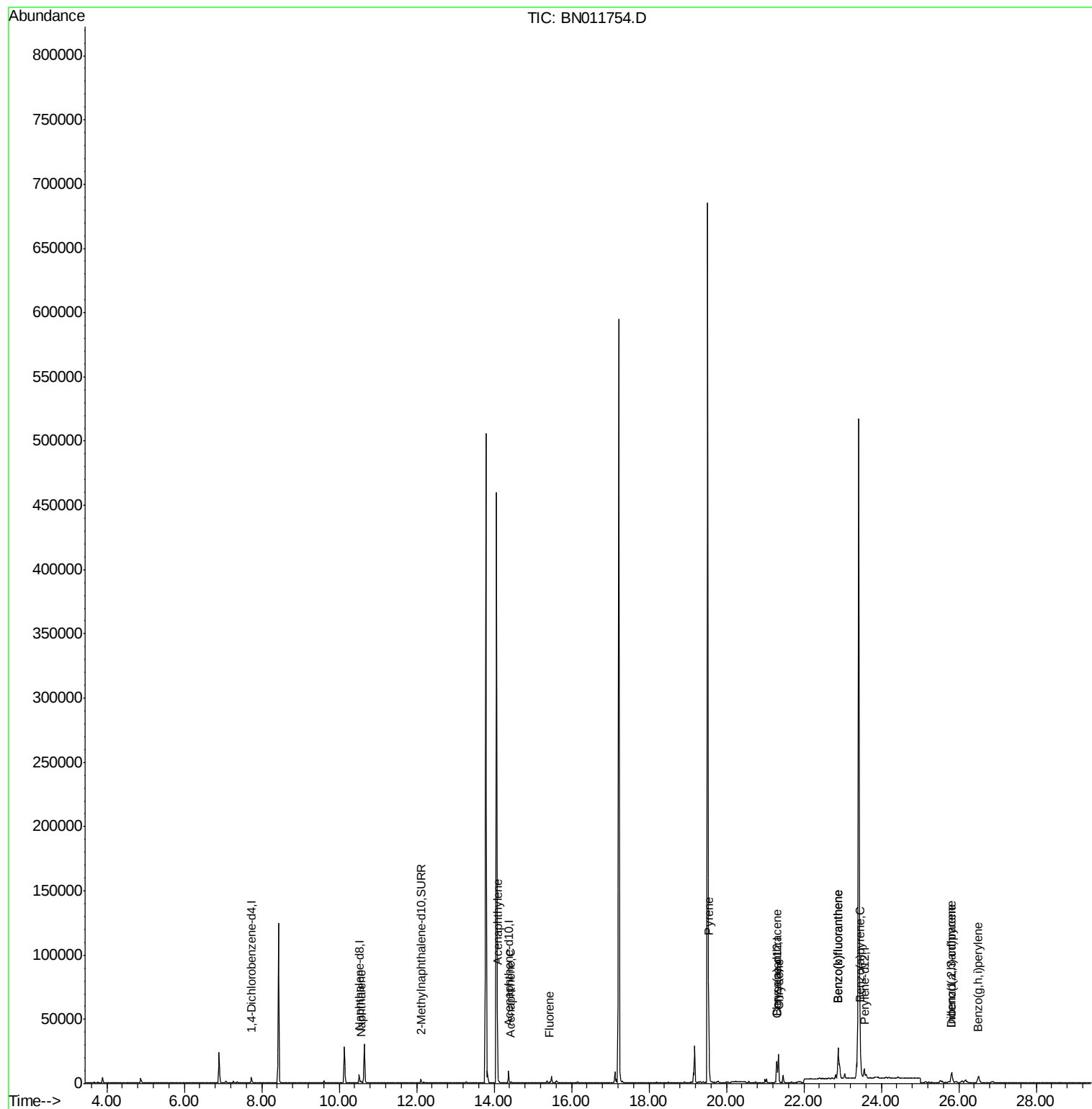
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.57	128	1600	0.067	ng/ul#	93
7) Acenaphthylene	14.09	152	3445	0.149	ng/ul	96
8) Acenaphthene	14.44	153	434	0.023	ng/ul	93
9) Fluorene	15.43	166	566	0.026	ng/ul#	95
17) Pyrene	19.54	202	42000	1.056	ng/ul	98
18) Benzo(a)anthracene	21.29	228	11908	0.342	ng/ul	95
19) Chrysene	21.34	228	21317	0.548	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	51984	1.214	ng/ul	98
22) Benzo(k)fluoranthene	22.88	252	51984	1.184	ng/ul	98
23) Benzo(a)pyrene	23.46	252	20639	0.558	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.82	276	12533	0.258	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	3664	0.092	ng/ul#	81
26) Benzo(g,h,i)perylene	26.51	276	11115	0.262	ng/ul	95

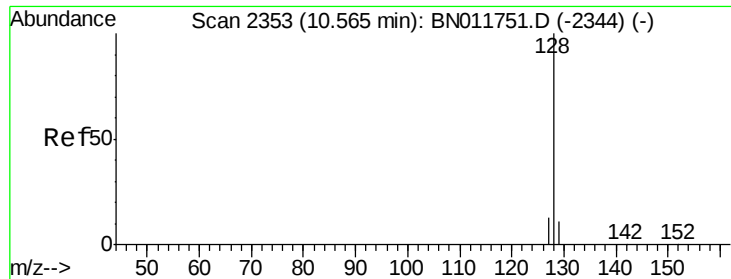
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

ClientSampleId :

C0AD0

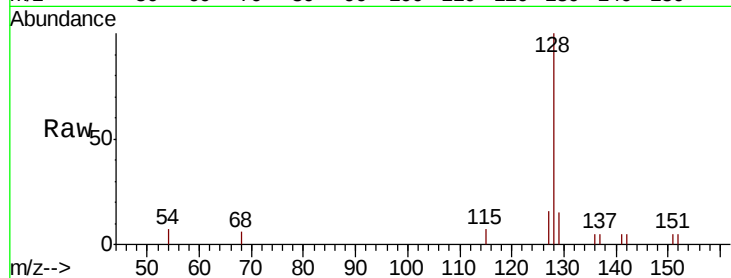
Tot Ion:128 Resp: 1600

Ion Ratio Lower Upper

128 100

129 15.4 9.8 14.6#

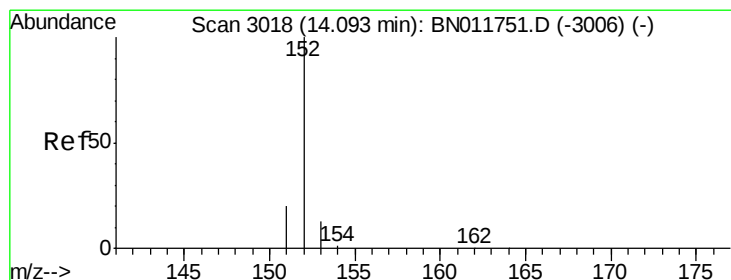
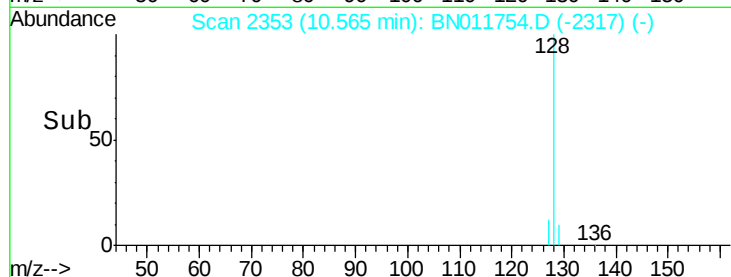
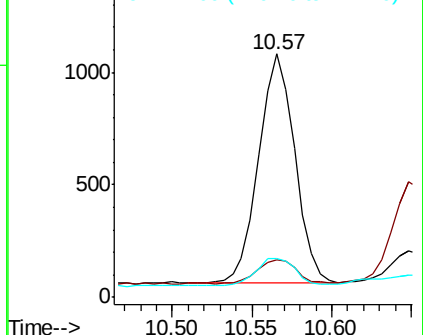
127 15.8 11.0 16.6



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



#7

Acenaphthylene

Concen: 0.149 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

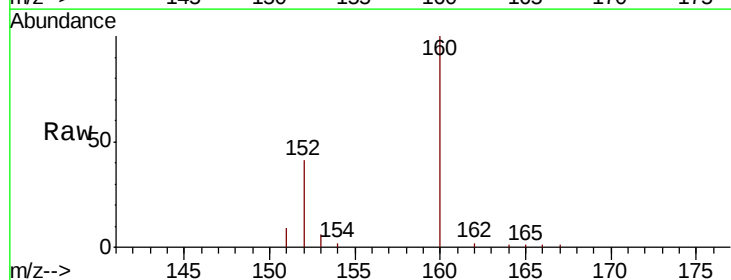
Tgt Ion:152 Resp: 3445

Ion Ratio Lower Upper

152 100

151 22.3 16.2 24.4

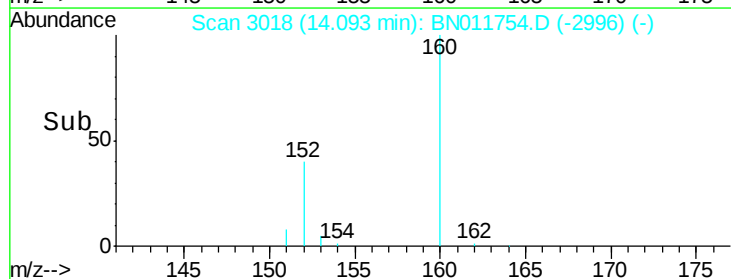
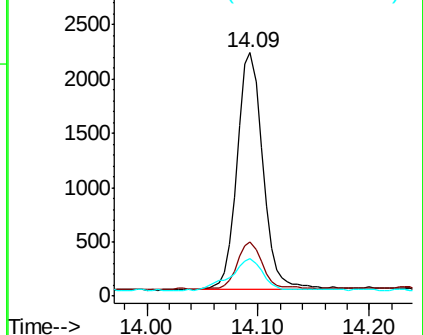
153 15.5 11.4 17.0

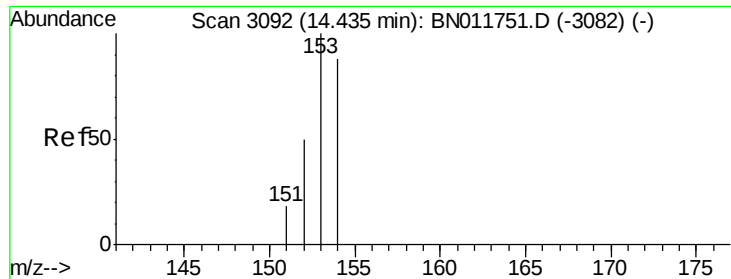


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

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ClientSampleId :

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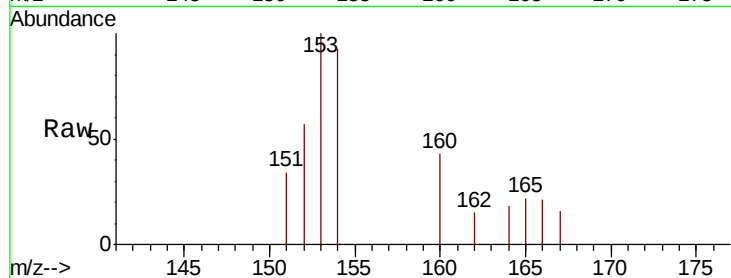
Tot Ion:153 Resp: 434

Ion Ratio Lower Upper

153 100

152 56.7 40.3 60.5

154 93.3 70.1 105.1



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

14.44

400

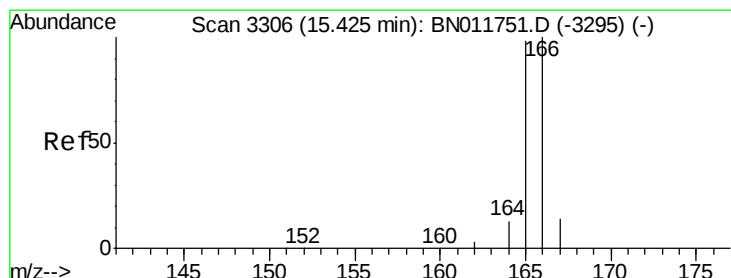
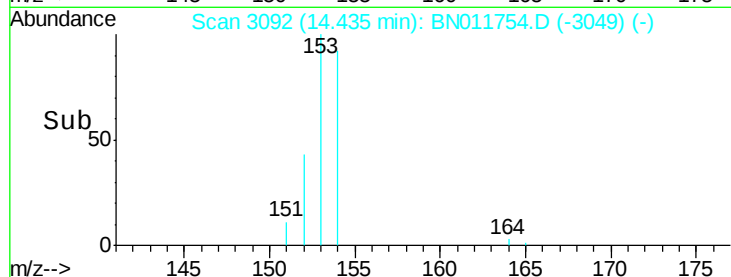
300

200

100

0

Time-->



#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

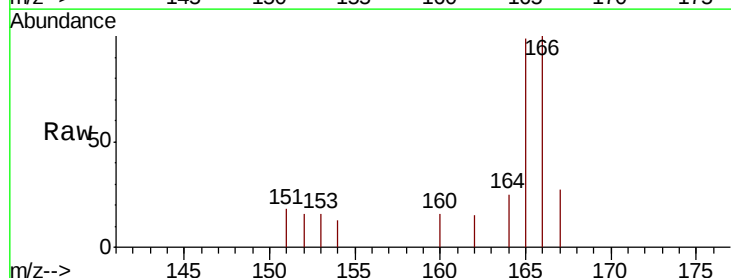
Tgt Ion:166 Resp: 566

Ion Ratio Lower Upper

166 100

165 99.3 80.2 120.2

167 27.4 11.8 17.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

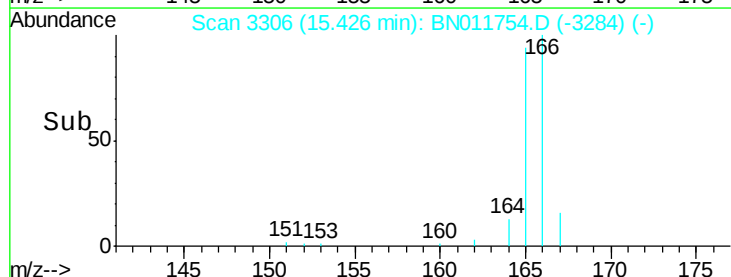
15.43

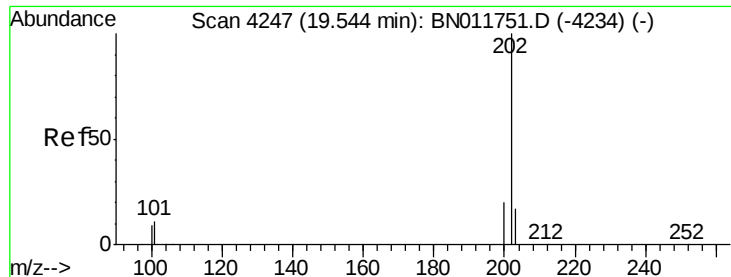
1000

500

0

Time-->

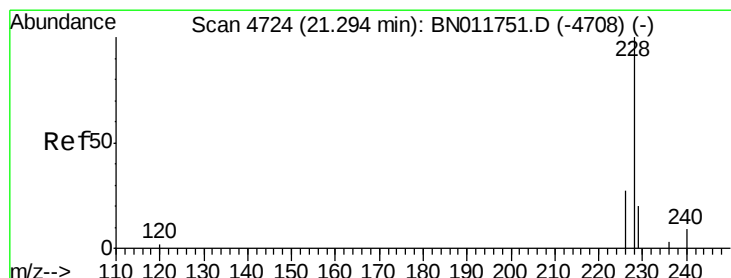
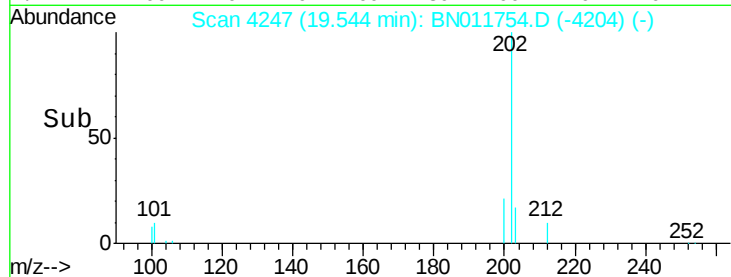
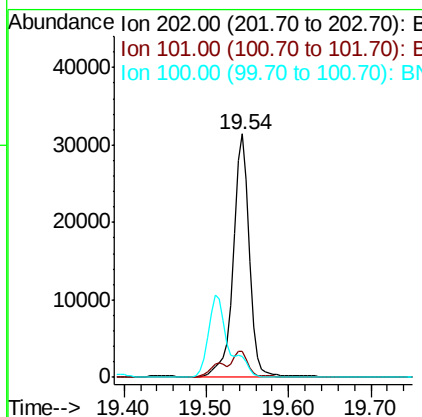
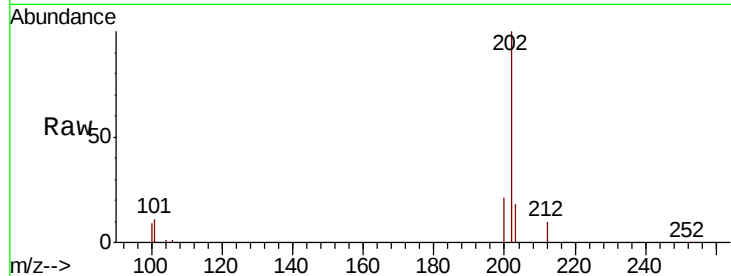




#17
Pvrene
Concen: 1.056 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. 0.00 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

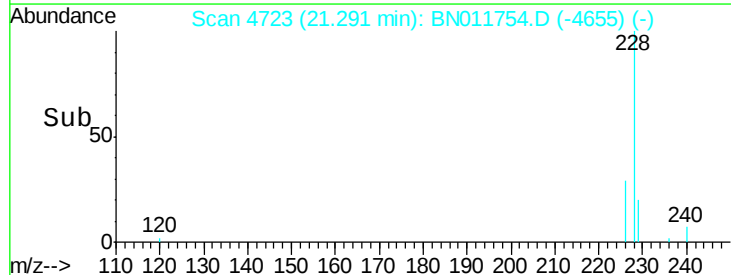
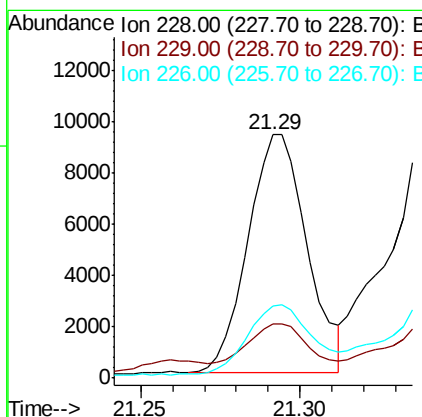
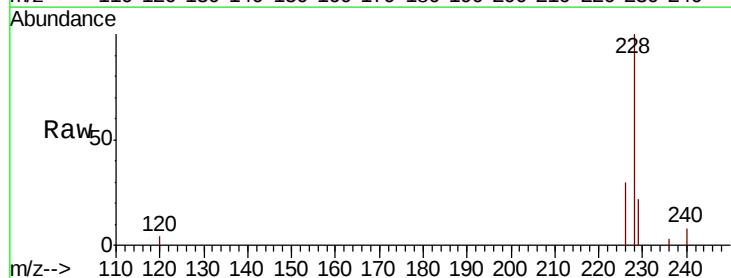
Instrument :
BNA_N
ClientSampleId :
C0AD0

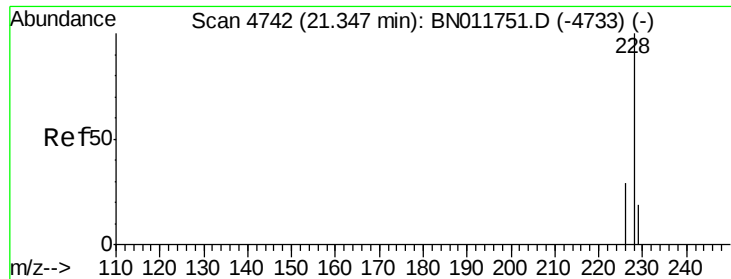
Tot Ion:202 Resp: 42000
Ion Ratio Lower Upper
202 100
101 10.7 8.0 12.0
100 8.5 6.5 9.7



#18
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.29 min Scan# 4723
Delta R.T. -0.00 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

Tgt Ion:228 Resp: 11908
Ion Ratio Lower Upper
228 100
229 22.1 15.9 23.9
226 29.7 21.9 32.9





#19

Chrysene

Concen: 0.548 ng/ul

RT: 21.34 min Scan# 4741

Delta R.T. -0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

ClientSampleId :

C0AD0

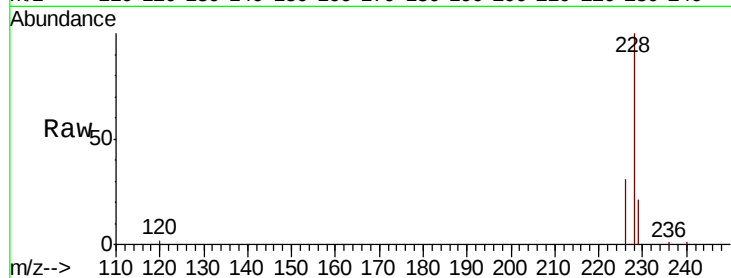
Tot Ion:228 Resp: 21317

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

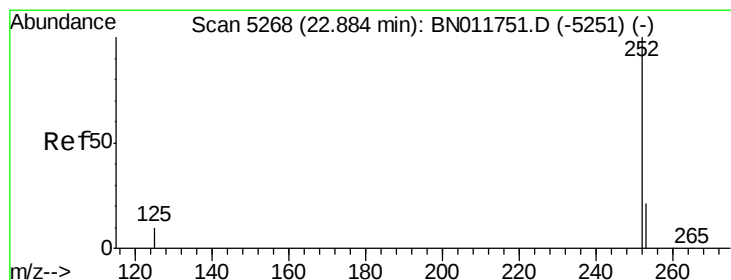
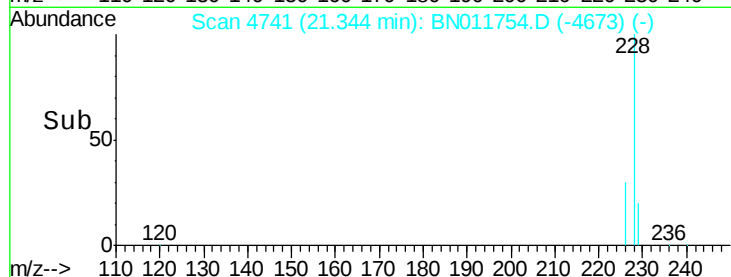
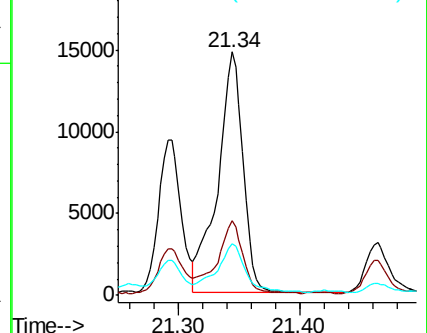
229 21.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

20000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 1.214 ng/ul

RT: 22.88 min Scan# 5267

Delta R.T. -0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

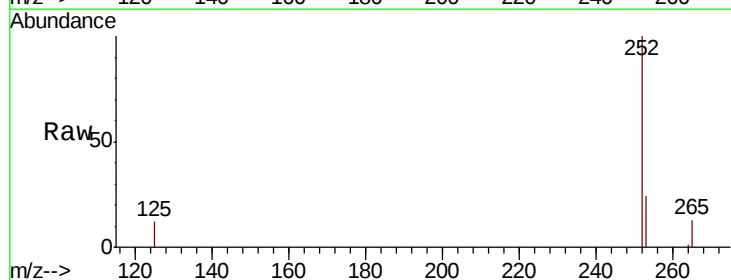
Tgt Ion:252 Resp: 51984

Ion Ratio Lower Upper

252 100

253 24.3 0.0 50.6

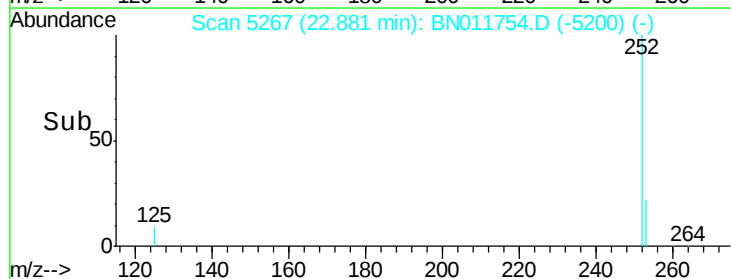
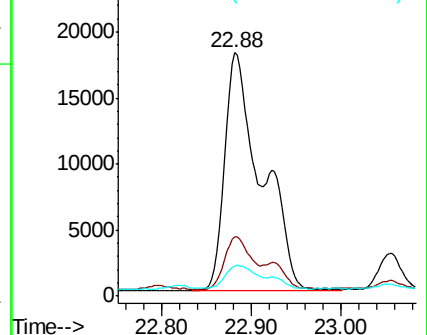
125 12.4 0.0 23.6

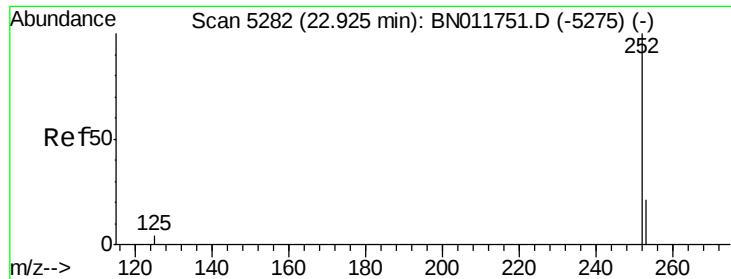


Abundance Ion 252.00 (251.70 to 252.70): E

25000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.184 ng/ul

RT: 22.88 min Scan# 5267

Delta R.T. -0.04 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

ClientSampleId :

C0AD0

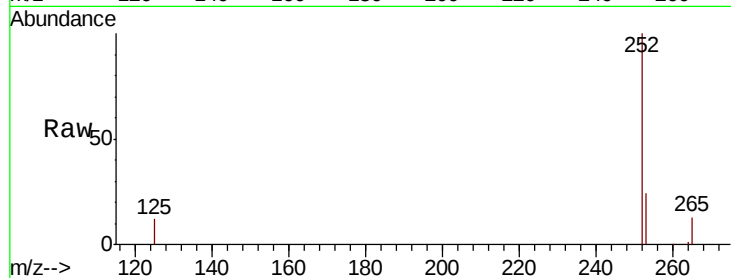
Tot Ion:252 Resp: 51984

Ion Ratio Lower Upper

252 100

253 24.3 20.7 31.1

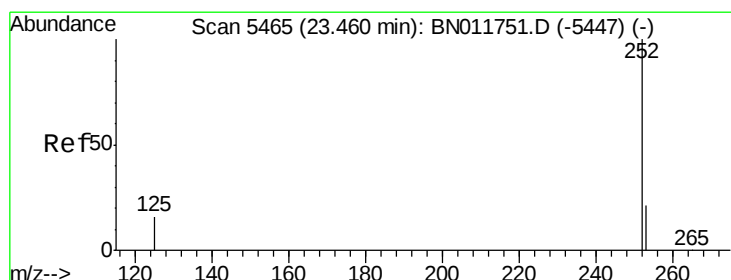
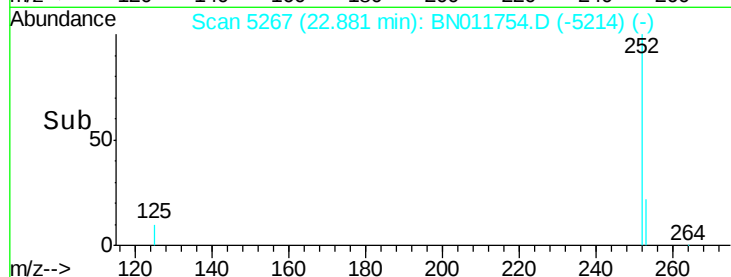
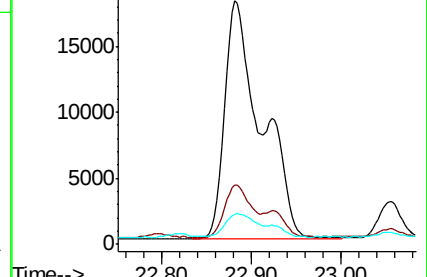
125 12.4 9.7 14.5



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: 0.558 ng/ul

RT: 23.46 min Scan# 5465

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

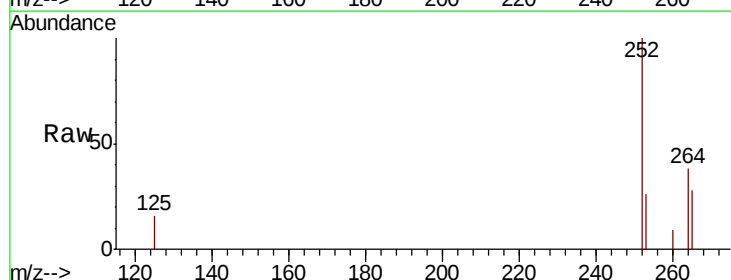
Tgt Ion:252 Resp: 20639

Ion Ratio Lower Upper

252 100

253 26.0 21.6 32.4

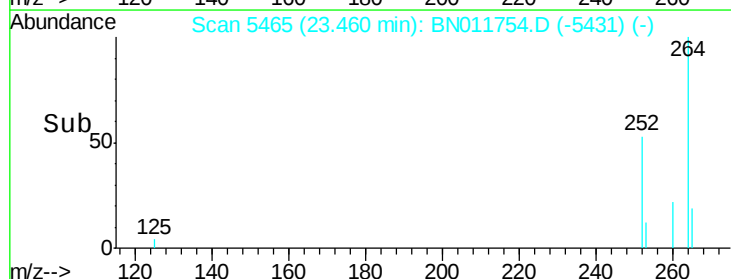
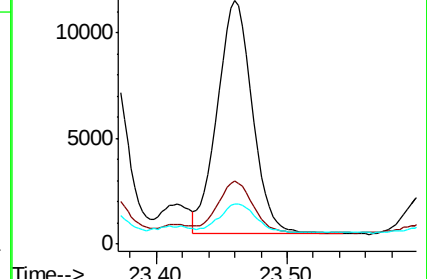
125 16.2 12.6 18.8

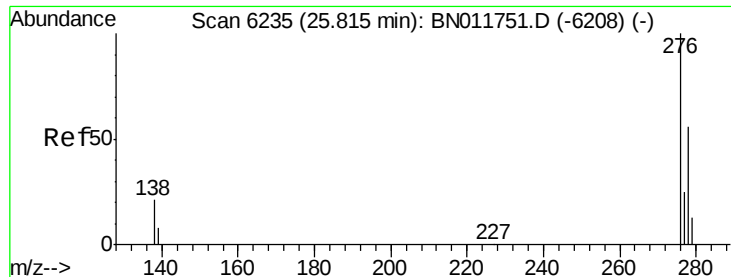


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.258 ng/ul

RT: 25.82 min Scan# 6235

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

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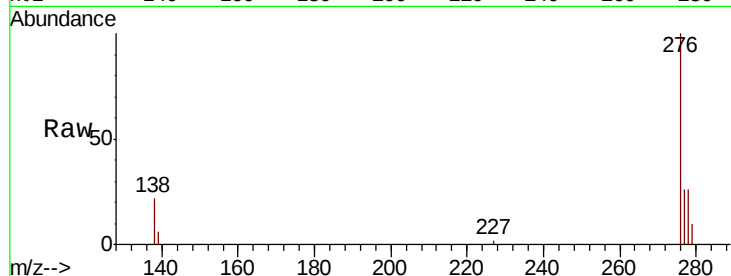
Tot Ion:276 Resp: 12533

Ion Ratio Lower Upper

276 100

138 19.1 0.0 0.0#

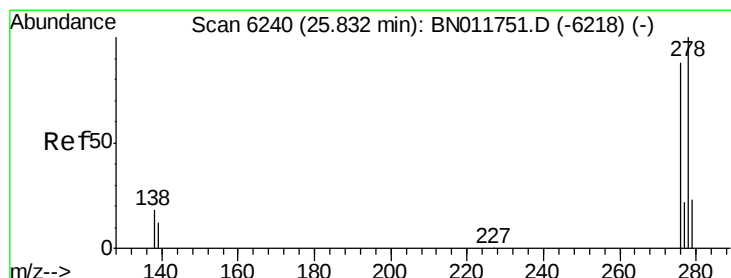
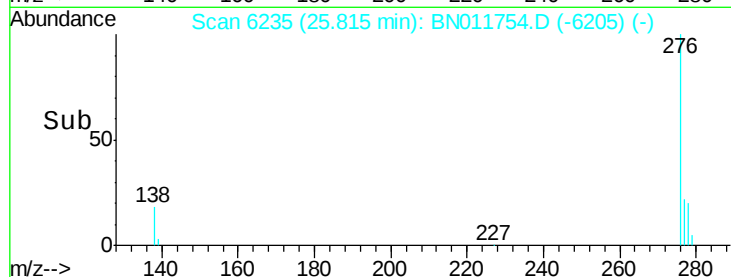
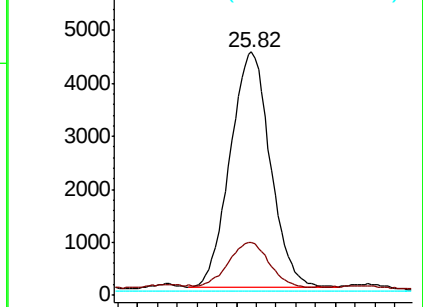
227 0.2 0.1 0.1#



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: 0.092 ng/ul

RT: 25.82 min Scan# 6236

Delta R.T. -0.01 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

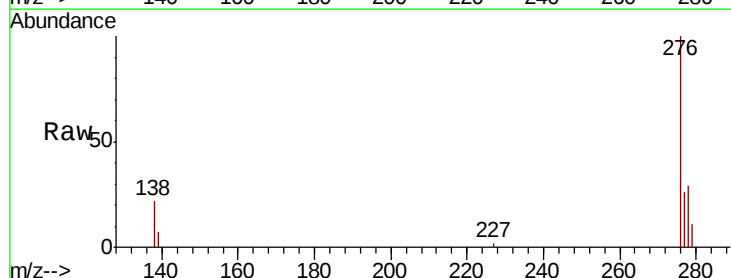
Tgt Ion:278 Resp: 3664

Ion Ratio Lower Upper

278 100

139 22.9 12.4 18.6#

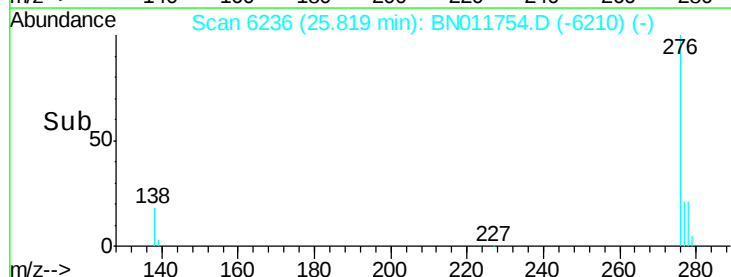
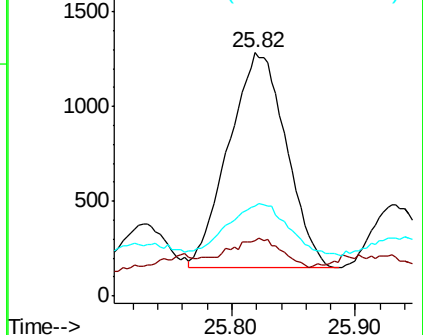
279 37.2 21.8 32.6#

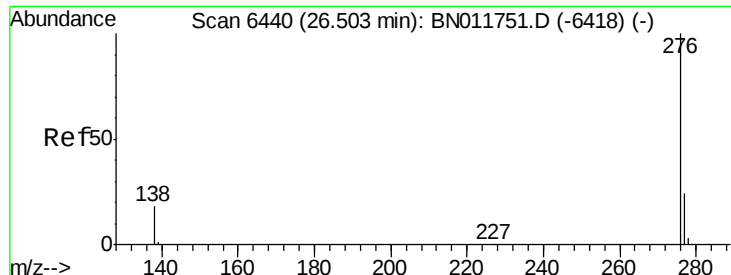


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.262 ng/ul

RT: 26.51 min Scan# 6441

Delta R.T. 0.00 min

Lab File: BN011754.D

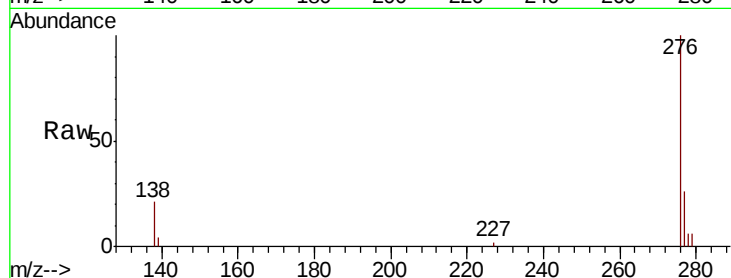
Acq: 09 Sep 2020 02:08

Instrument :

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C0AD0



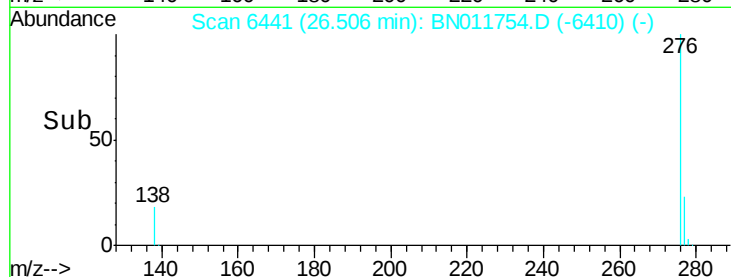
Tot Ion:276 Resp: 11115

Ion Ratio Lower Upper

276 100

138 21.4 14.7 22.1

277 25.8 19.5 29.3



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

