

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012724.D
 Acq On : 24 Nov 2020 19:51
 Operator : CG/JU
 Sample : L4751-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX4

Quant Time: Nov 25 01:48:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 25 01:45:20 2020
 Response via : Initial Calibration

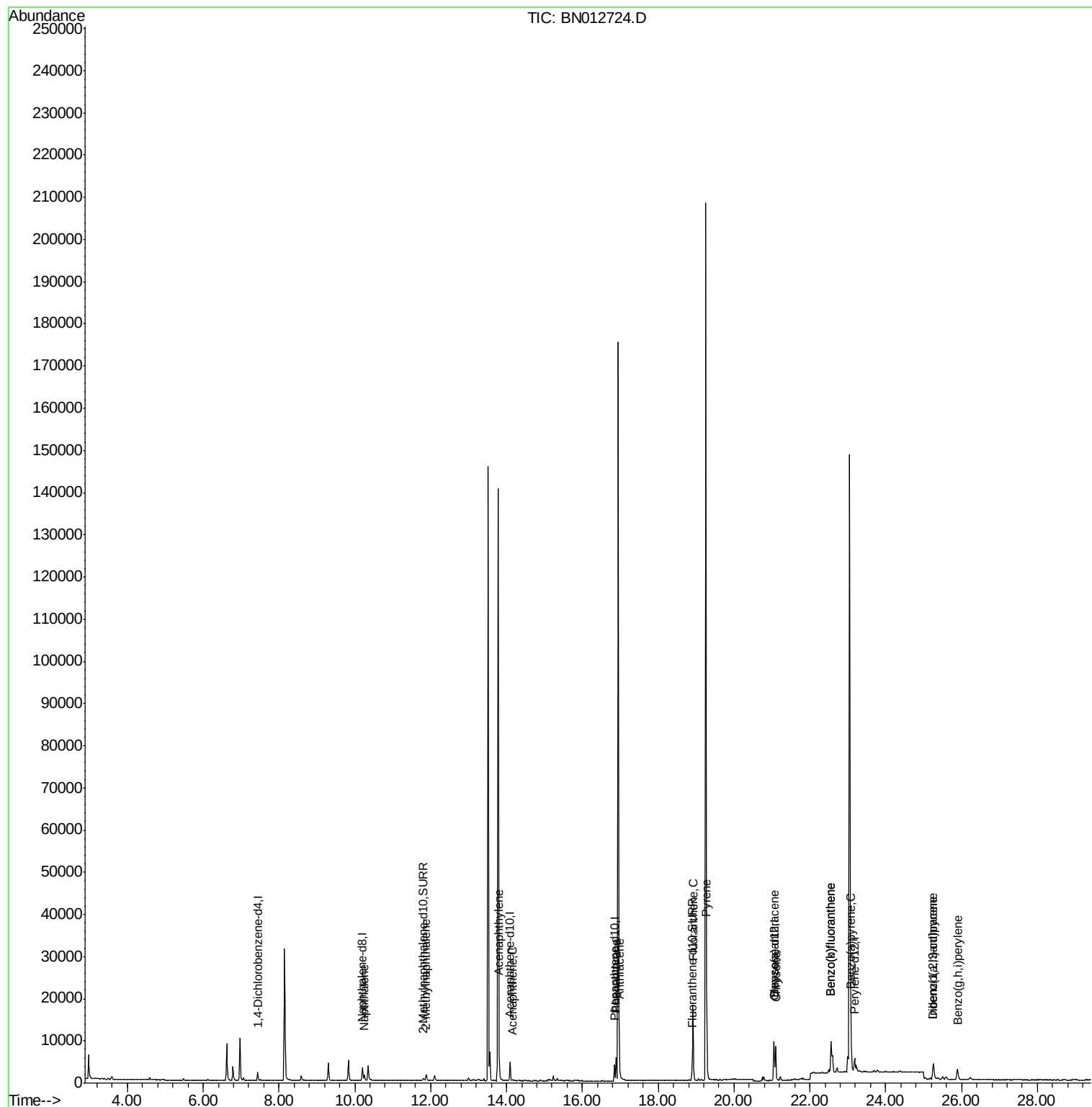
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	977	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4183	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4600	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3604	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3768	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	925	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1876	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.25	128	1752	0.139	ng/ul	97
5) 2-Methylnaphthalene	11.88	142	1275	0.159	ng/ul	98
7) Acenaphthylene	13.81	152	420	0.037	ng/ul#	65
8) Acenaphthene	14.16	153	192	0.020	ng/ul#	92
12) Phenanthrene	16.89	178	5885	0.368	ng/ul	98
13) Anthracene	16.98	178	1064	0.076	ng/ul#	92
15) Fluoranthene	18.92	202	15584	0.843	ng/ul	98
17) Pyrene	19.28	202	14985	0.930	ng/ul	96
18) Benzo(a)anthracene	21.05	228	7368	0.571	ng/ul	99
19) Chrysene	21.10	228	8428	0.522	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	16024	0.924	ng/ul	96
22) Benzo(k)fluoranthene	22.56	252	16024	0.802	ng/ul#	94
23) Benzo(a)pyrene	23.09	252	7857	0.482	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.26	276	5579	0.262	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.26	278	1301	0.076	ng/ul#	58
26) Benzo(a,h,i)perylene	25.89	276	5053	0.263	ng/ul	96

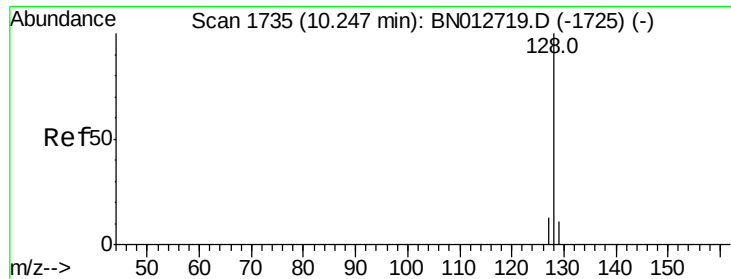
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.139 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

ClientSampleId :

C0AX4

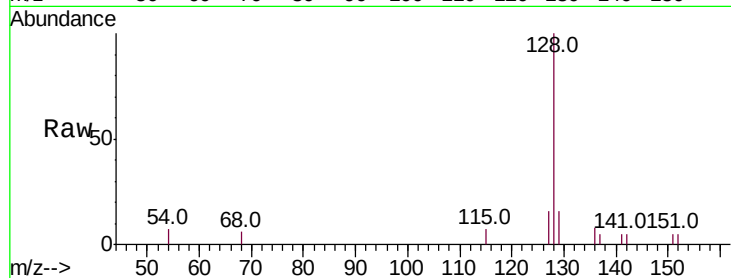
Tot Ion:128 Resp: 1752

Ion Ratio Lower Upper

128 100

129 15.8 11.2 16.8

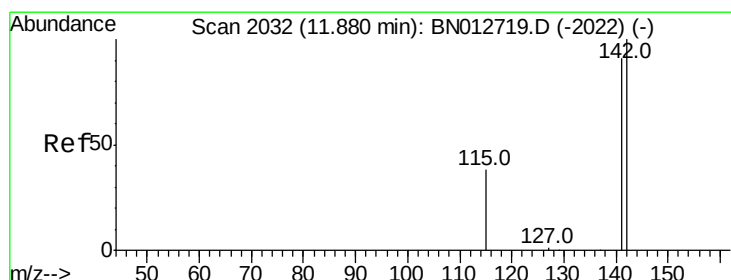
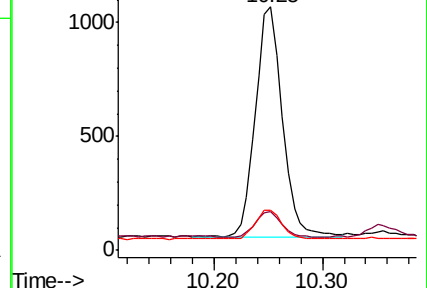
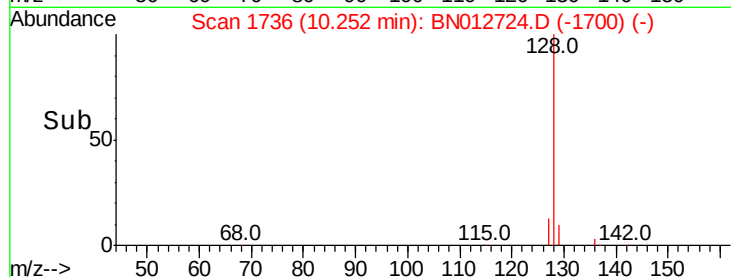
127 16.5 12.5 18.7



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: 0.159 ng/ul

RT: 11.88 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BN012724.D

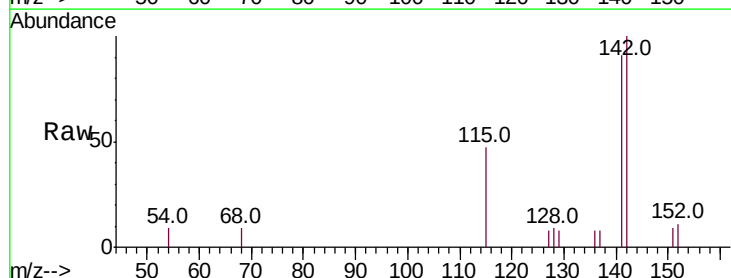
Acq: 24 Nov 2020 19:51

Tgt Ion:142 Resp: 1275

Ion Ratio Lower Upper

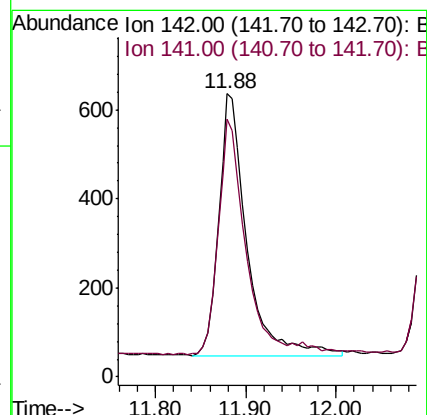
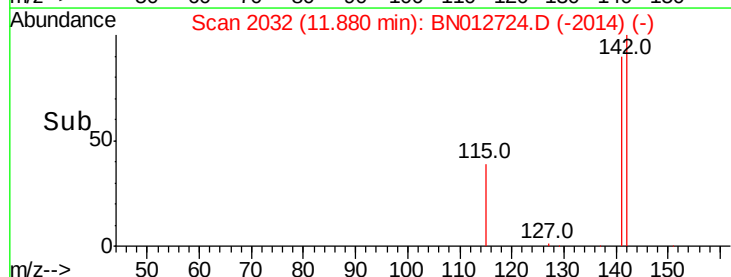
142 100

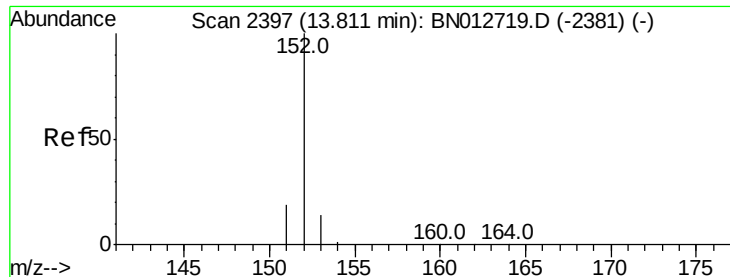
141 88.6 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

ClientSampleId :

C0AX4

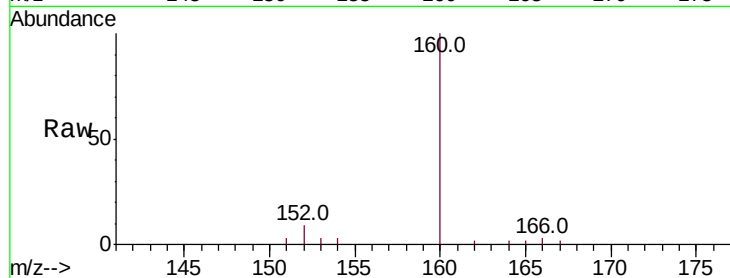
Tot Ion:152 Resp: 420

Ion Ratio Lower Upper

152 100

151 35.8 17.1 25.7#

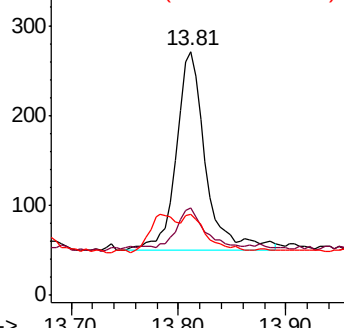
153 33.2 12.6 19.0#



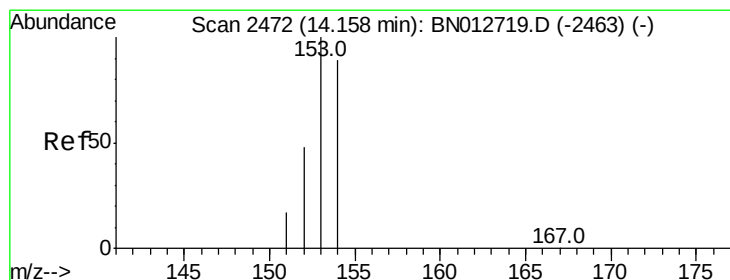
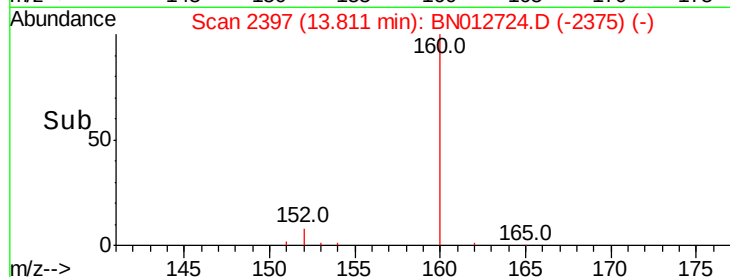
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.020 ng/ul

RT: 14.16 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

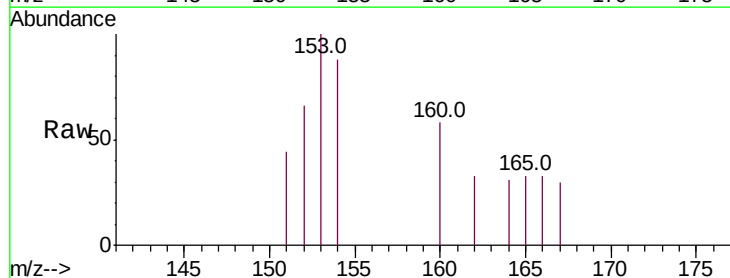
Tgt Ion:153 Resp: 192

Ion Ratio Lower Upper

153 100

152 65.5 41.4 62.0#

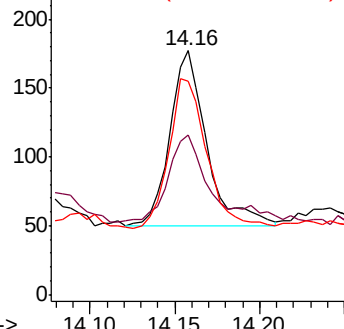
154 87.6 70.9 106.3



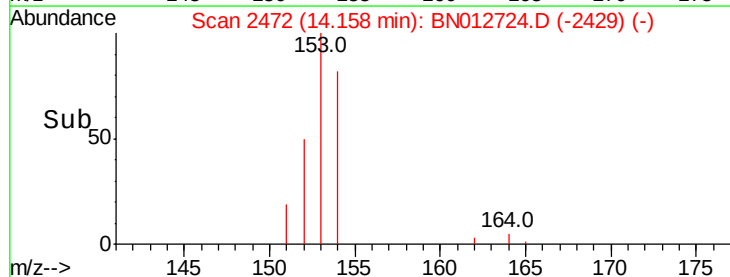
Abundance Ion 153.00 (152.70 to 153.70): E

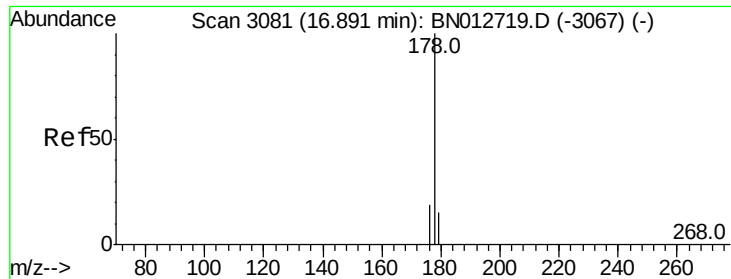
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#12

Phenanthrene

Concen: 0.368 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

ClientSampleId :

C0AX4

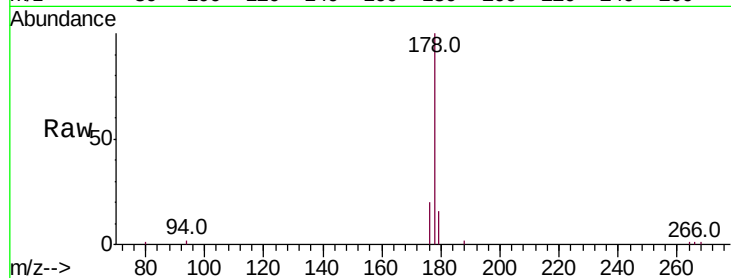
Tot Ion:178 Resp: 5885

Ion Ratio Lower Upper

178 100

179 16.4 13.8 20.6

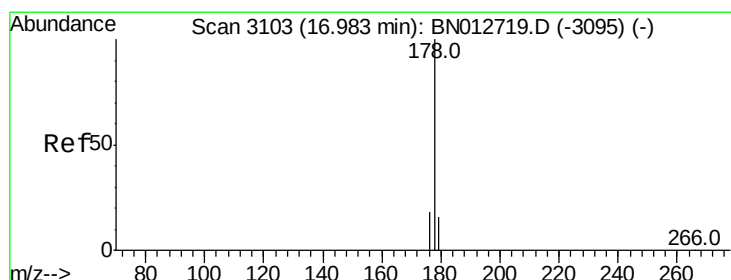
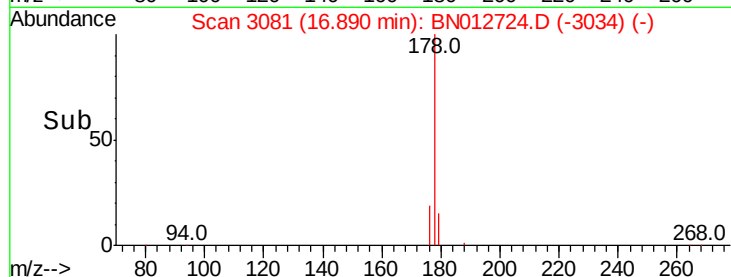
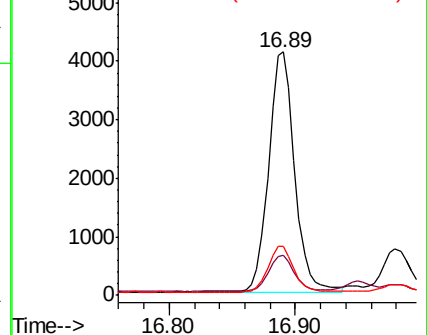
176 20.1 16.7 25.1



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: 0.076 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

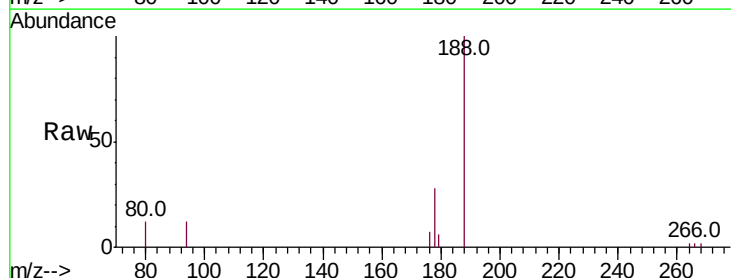
Tgt Ion:178 Resp: 1064

Ion Ratio Lower Upper

178 100

179 22.6 14.8 22.2#

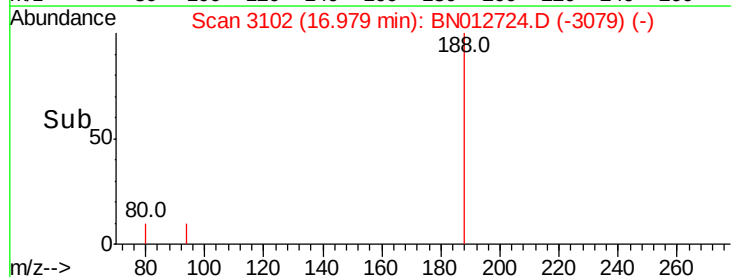
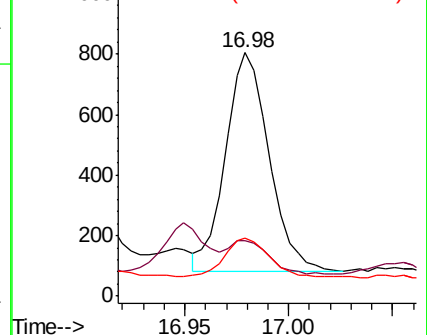
176 23.7 16.3 24.5

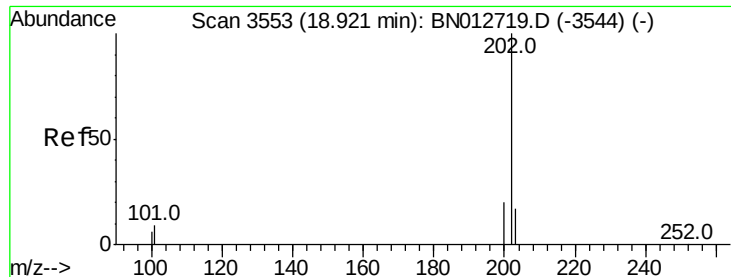


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.843 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

ClientSampleId :

C0AX4

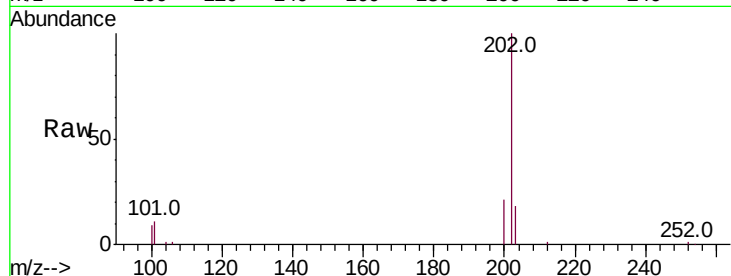
Tot Ion:202 Resp: 15584

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.5

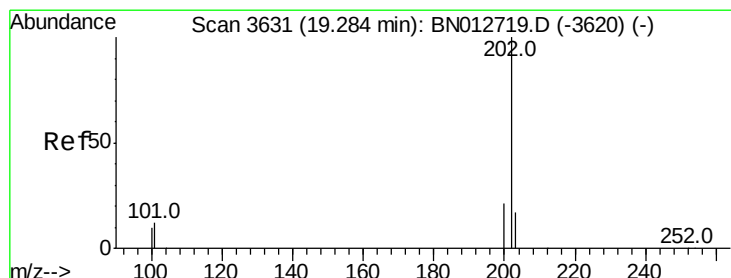
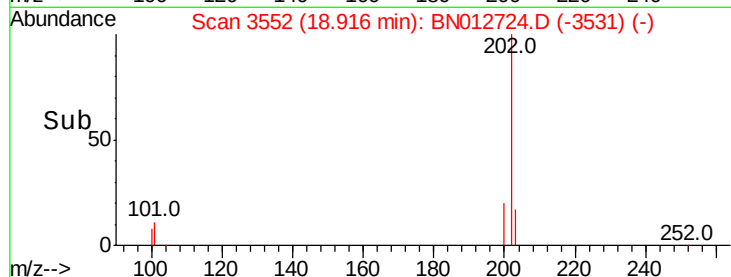
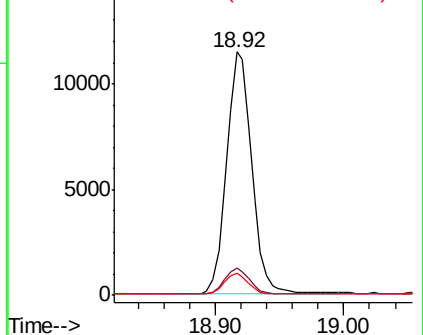
100 8.9 0.0 28.4



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: 0.930 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

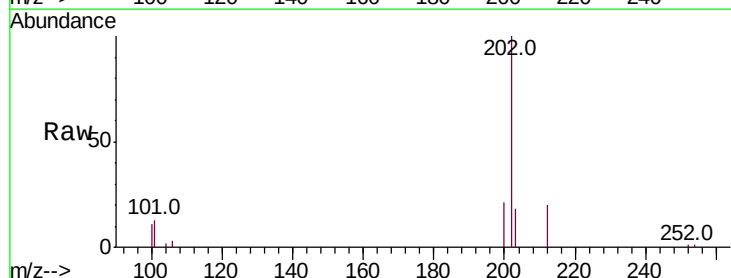
Tgt Ion:202 Resp: 14985

Ion Ratio Lower Upper

202 100

101 12.9 8.9 13.3

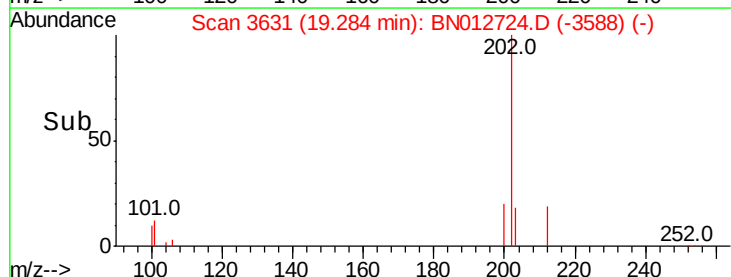
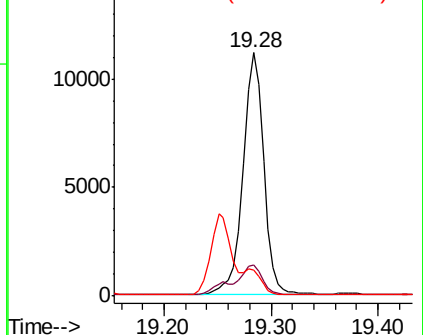
100 10.6 7.4 11.2

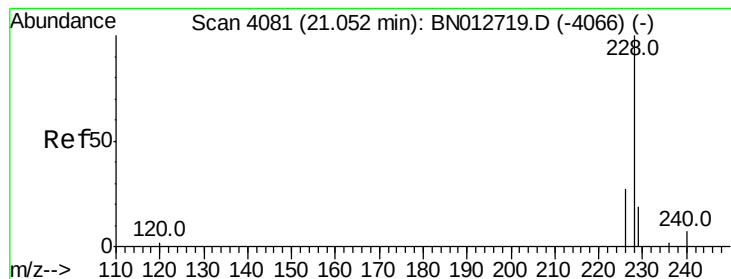


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.571 ng/ul

RT: 21.05 min Scan# 4080

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

ClientSampleId :

C0AX4

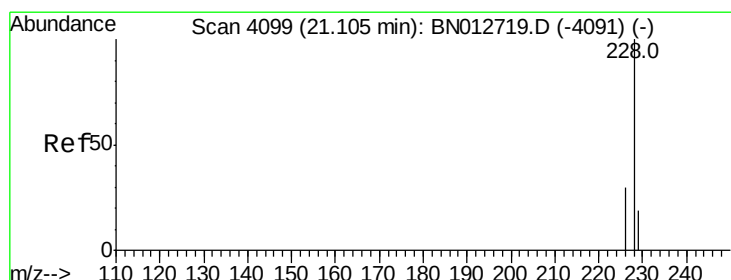
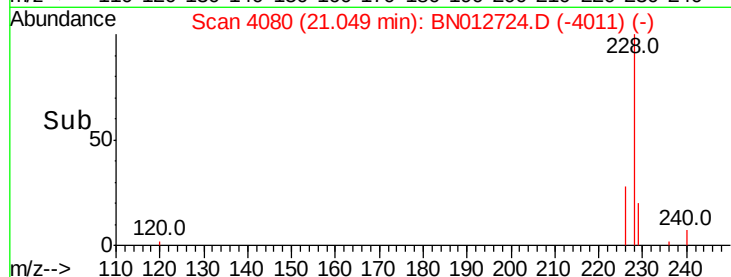
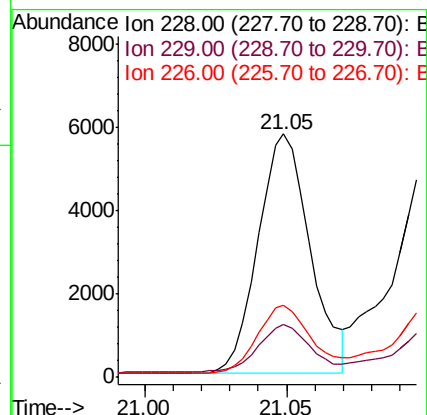
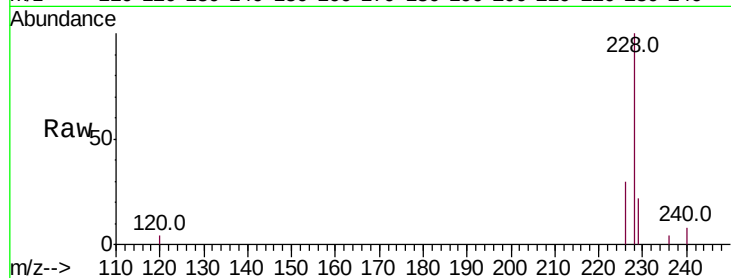
Tot Ion:228 Resp: 7368

Ion Ratio Lower Upper

228 100

229 21.6 16.9 25.3

226 29.5 23.1 34.7



#19

Chrysene

Concen: 0.522 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

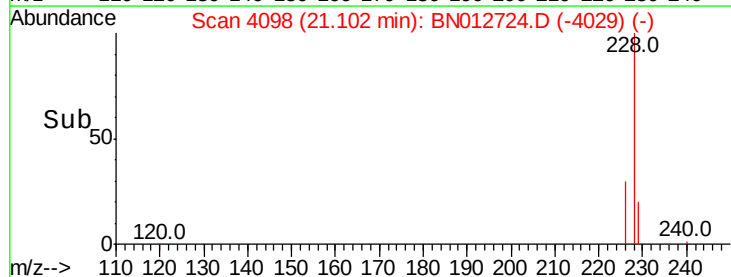
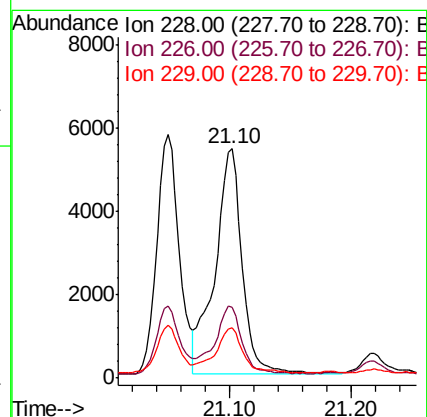
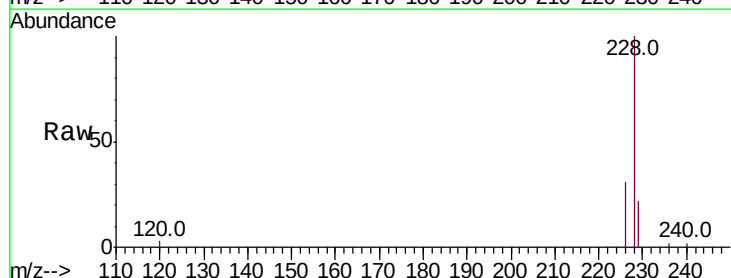
Tgt Ion:228 Resp: 8428

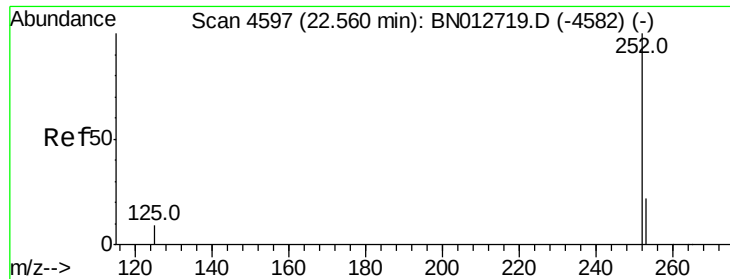
Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 21.7 16.1 24.1





#21

Benzo(b)fluoranthene

Concen: 0.924 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

ClientSampleId :

C0AX4

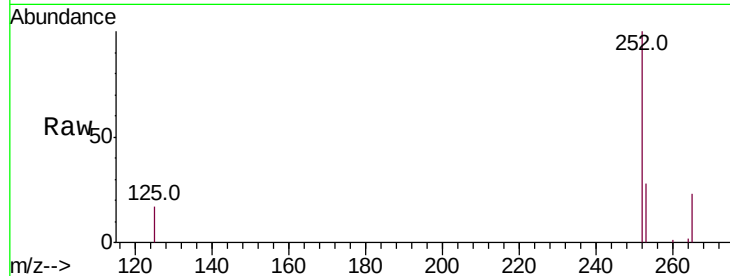
Tot Ion:252 Resp: 16024

Ion Ratio Lower Upper

252 100

253 27.8 0.0 58.4

125 17.4 0.0 28.6

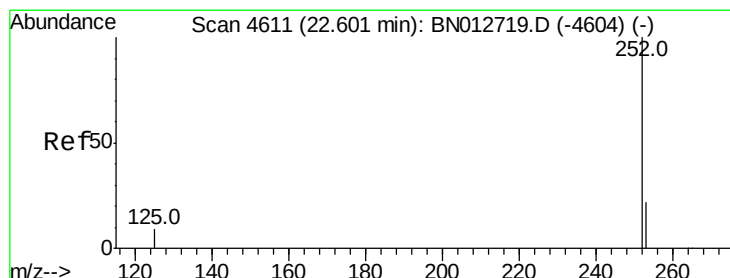
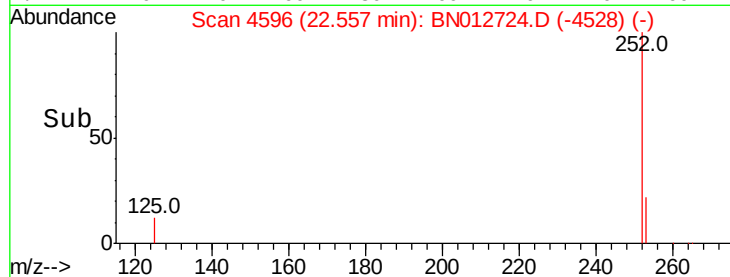
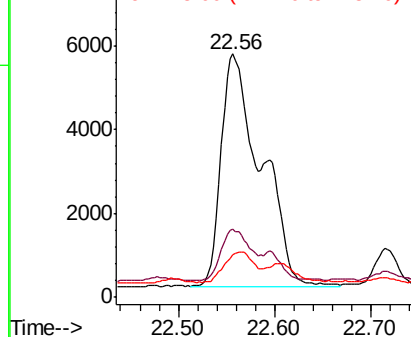


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.802 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. -0.04 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

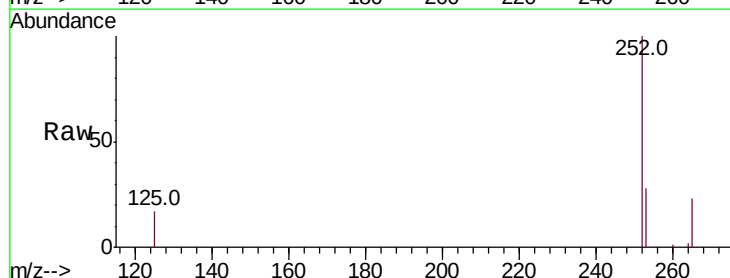
Tgt Ion:252 Resp: 16024

Ion Ratio Lower Upper

252 100

253 27.8 23.4 35.2

125 17.4 10.2 15.2#

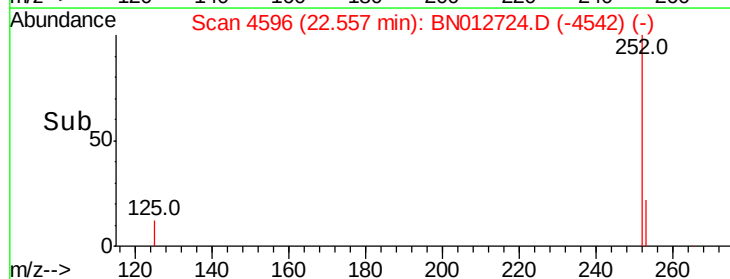
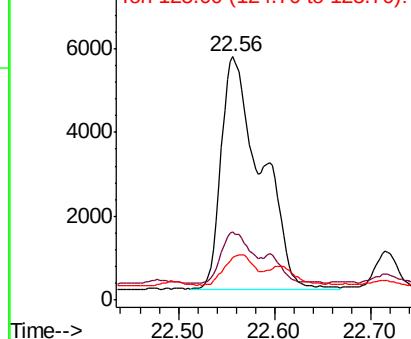


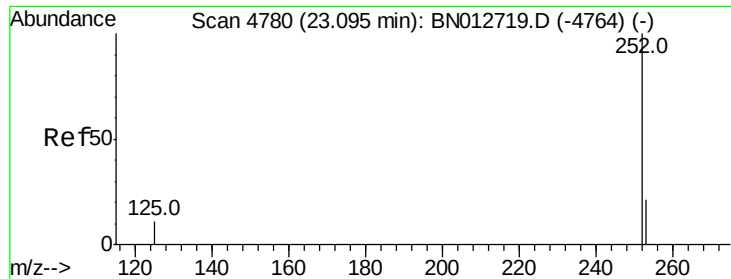
Abundance

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: 0.482 ng/ul

RT: 23.09 min Scan# 4778

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

ClientSampleId :

C0AX4

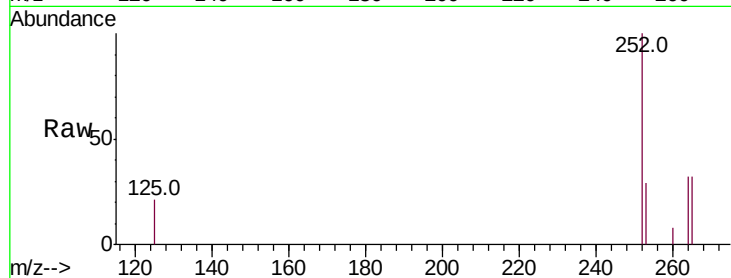
Tot Ion:252 Resp: 7857

Ion Ratio Lower Upper

252 100

253 28.6 27.6 41.4

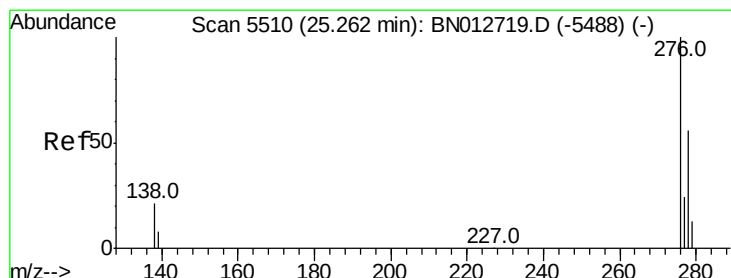
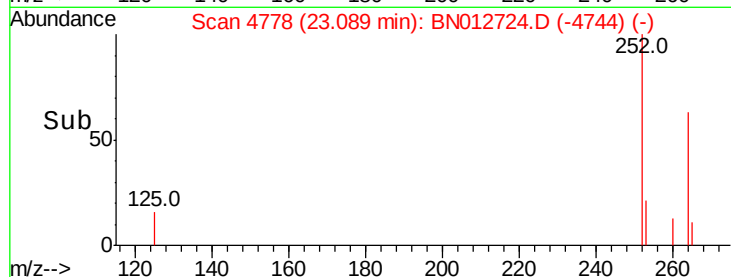
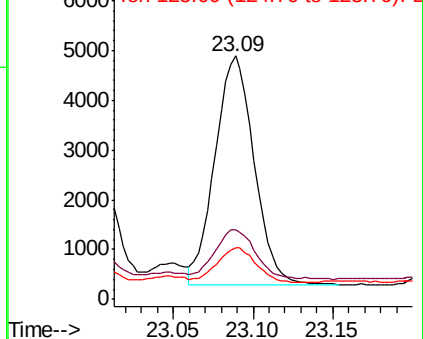
125 21.0 17.0 25.4



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.262 ng/ul

RT: 25.26 min Scan# 5508

Delta R.T. -0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

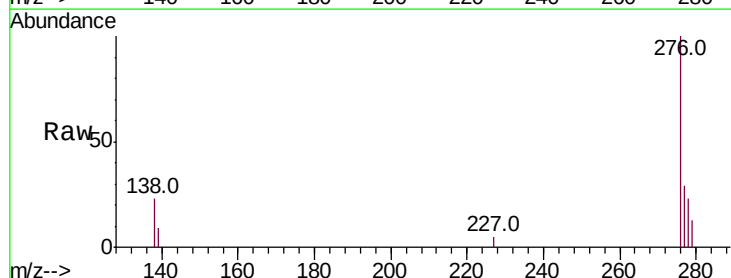
Tgt Ion:276 Resp: 5579

Ion Ratio Lower Upper

276 100

138 20.8 16.5 24.7

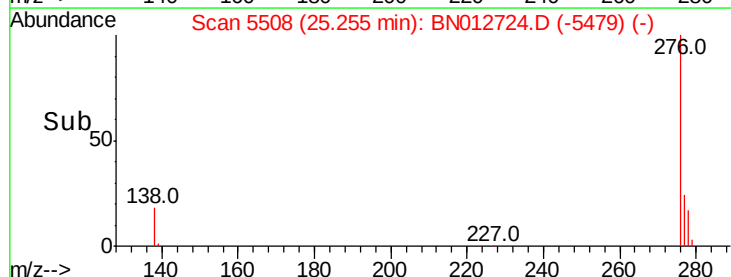
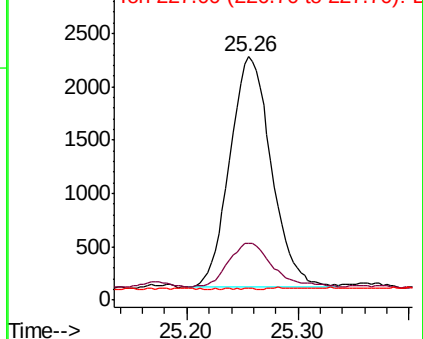
227 0.1 0.1 0.1#

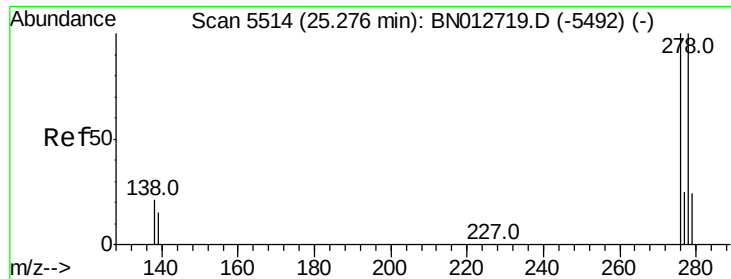


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



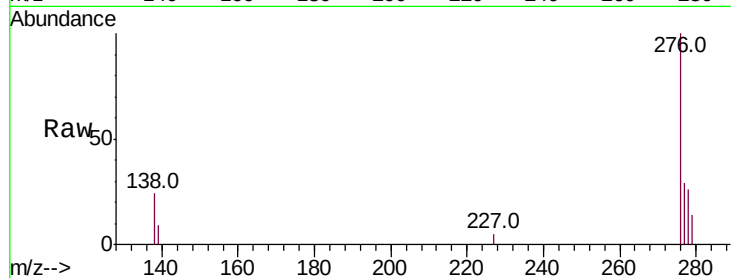


#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

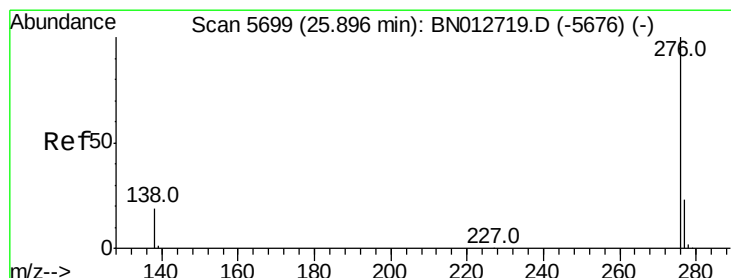
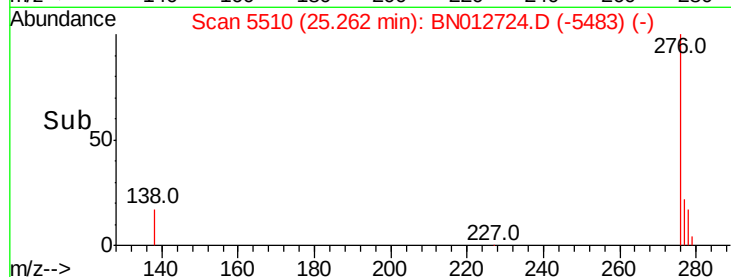
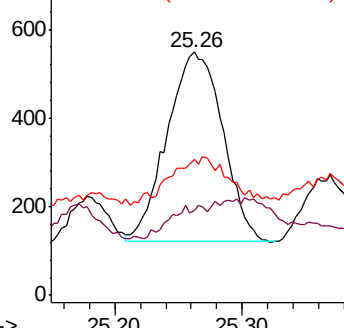
Instrument :
BNA_N
ClientSampleId :
C0AX4

Tot Ion:278 Resp: 1301

Ion	Ratio	Lower	Upper
278	100		
139	35.0	13.8	20.8#
279	55.7	25.6	38.4#



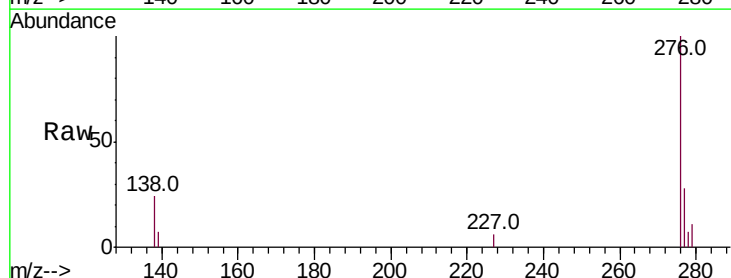
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.263 ng/ul
RT: 25.89 min Scan# 5697
Delta R.T. 0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Tgt Ion:276 Resp: 5053

Ion	Ratio	Lower	Upper
276	100		
138	24.2	16.3	24.5
277	27.9	21.8	32.8



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

