

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012926.D
 Acq On : 06 Dec 2020 20:17
 Operator : CG/JU
 Sample : L4859-17
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B95

Quant Time: Dec 07 03:09:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

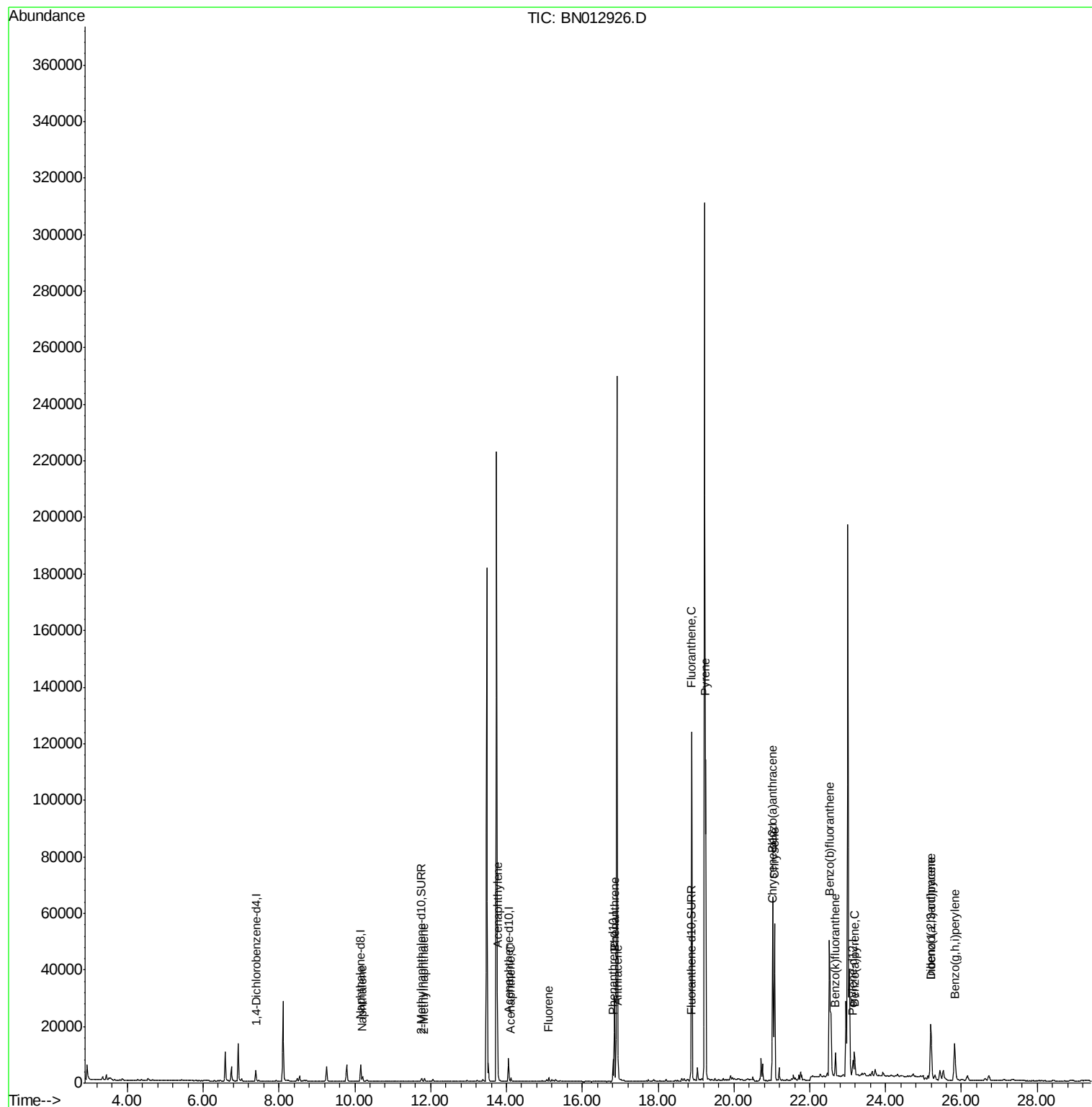
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1908	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7814	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4326	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9080	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	7193	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6184	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1399	0.12	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2847	0.12	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	2296	0.102	ng/ul	96
5) 2-Methylnaphthalene	11.84	142	812	0.055	ng/ul	98
7) Acenaphthylene	13.77	152	4487	0.219	ng/ul	97
8) Acenaphthene	14.12	153	777	0.046	ng/ul	98
9) Fluorene	15.12	166	970	0.050	ng/ul#	96
12) Phenanthrene	16.85	178	30888	1.015	ng/ul	97
13) Anthracene	16.95	178	5619	0.217	ng/ul	96
15) Fluoranthene	18.88	202	102793	2.841	ng/ul	99
17) Pyrene	19.25	202	92770	2.731	ng/ul	97
18) Benzo(a)anthracene	21.02	228	51345	1.725	ng/ul	100
19) Chrysene	21.07	228	54248	1.650	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	98480	3.442	ng/ul	90
22) Benzo(k)fluoranthene	22.68	252	9998	0.316	ng/ul	95
23) Benzo(a)pyrene	23.18	252	7107	0.268	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.20	276	28959	0.830	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	7199	0.261	ng/ul	93
26) Benzo(a,h,i)perylene	25.82	276	25402	0.805	ng/ul	97

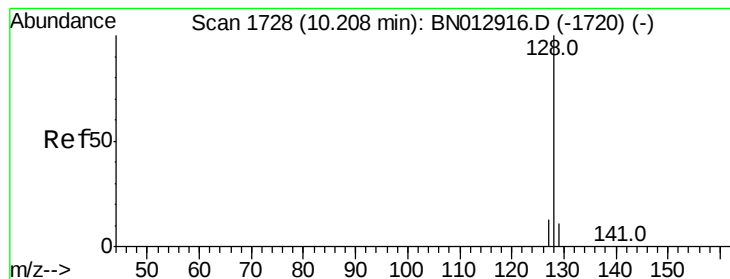
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampleId :

C0B95

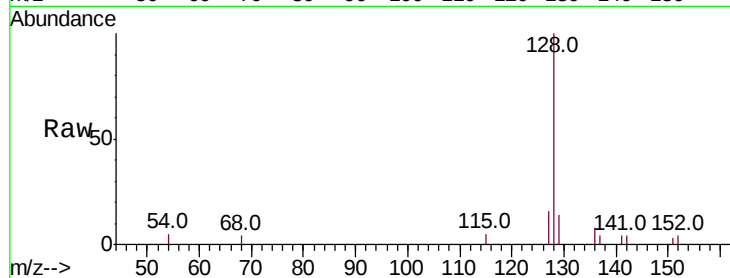
Tot Ion:128 Resp: 2296

Ion Ratio Lower Upper

128 100

129 13.8 12.3 18.5

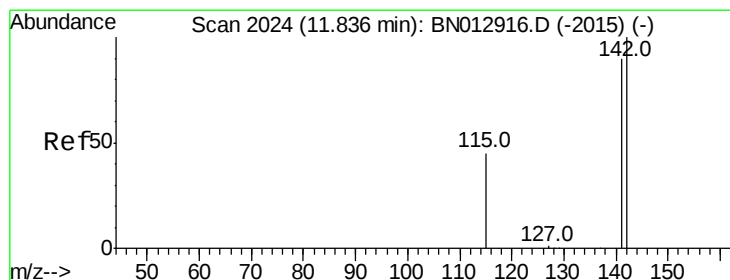
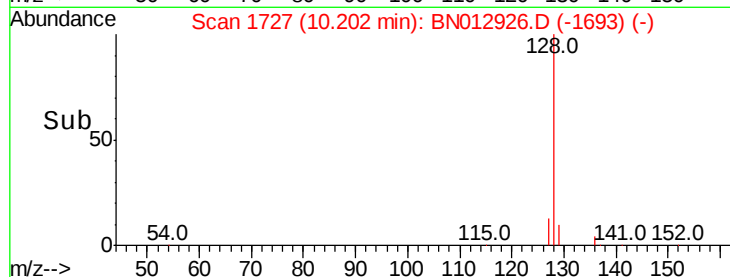
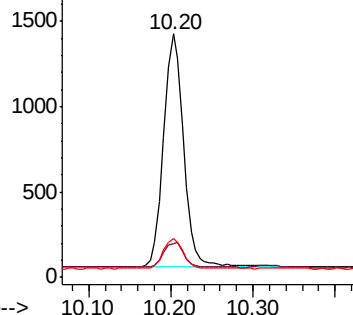
127 16.0 14.2 21.4



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: 0.055 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012926.D

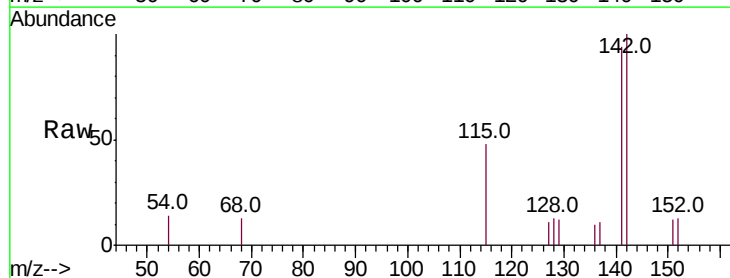
Acq: 06 Dec 2020 20:17

Tgt Ion:142 Resp: 812

Ion Ratio Lower Upper

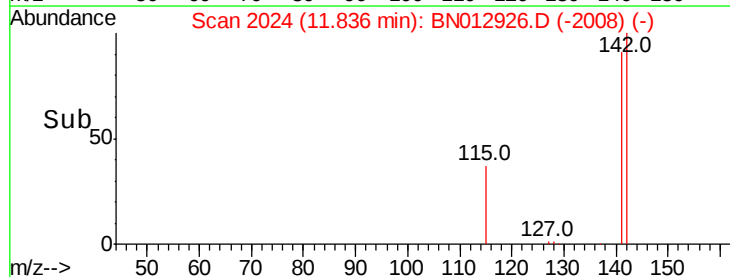
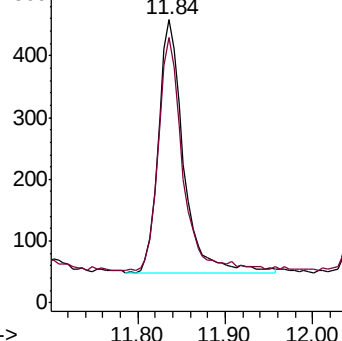
142 100

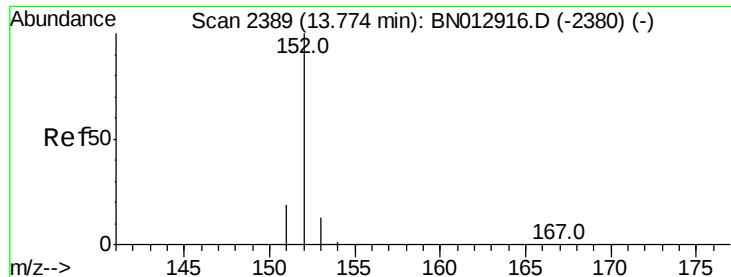
141 89.8 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.219 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampleId :

C0B95

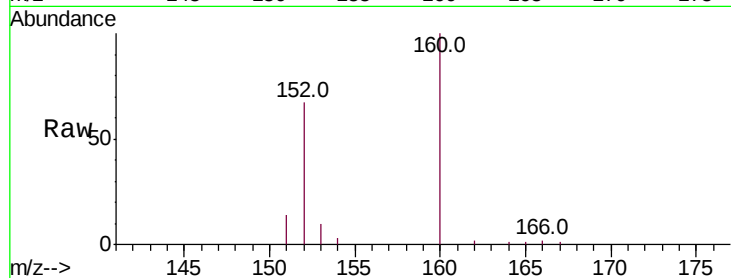
Tot Ion:152 Resp: 4487

Ion Ratio Lower Upper

152 100

151 21.0 18.2 27.4

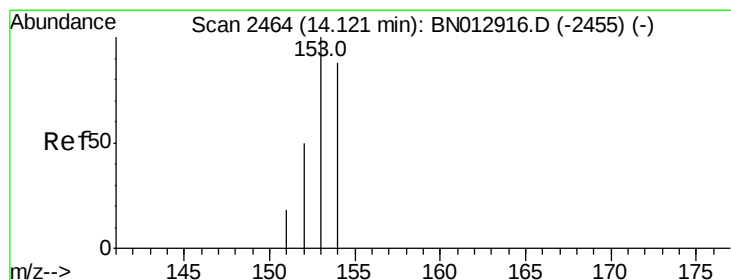
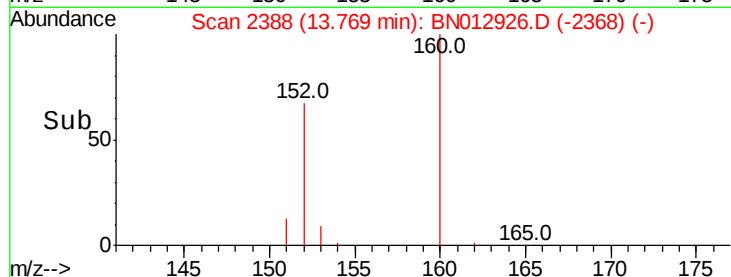
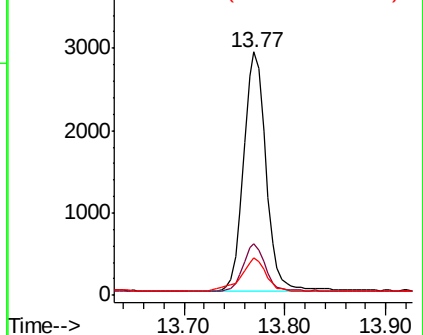
153 15.3 13.1 19.7



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: 0.046 ng/ul

RT: 14.12 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

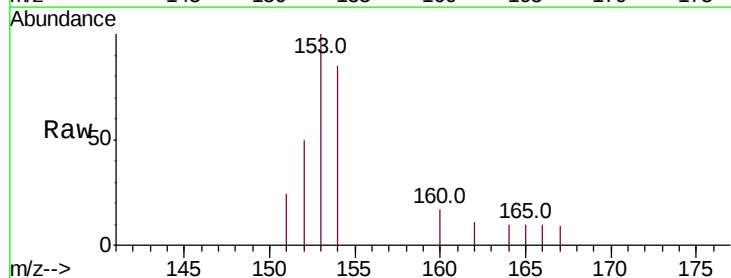
Tgt Ion:153 Resp: 777

Ion Ratio Lower Upper

153 100

152 50.4 40.7 61.1

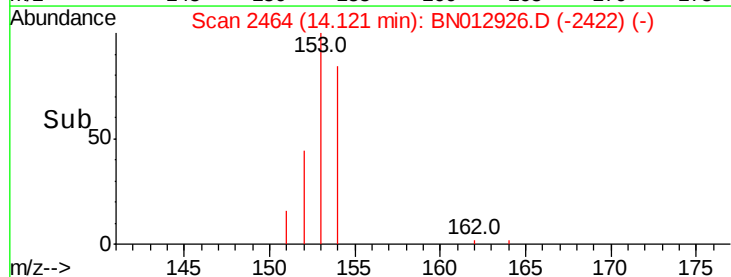
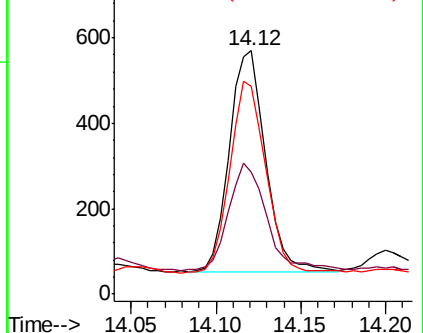
154 85.3 70.8 106.2

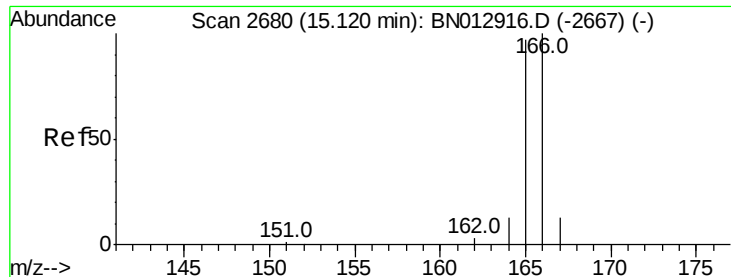


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.050 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampleId :

C0B95

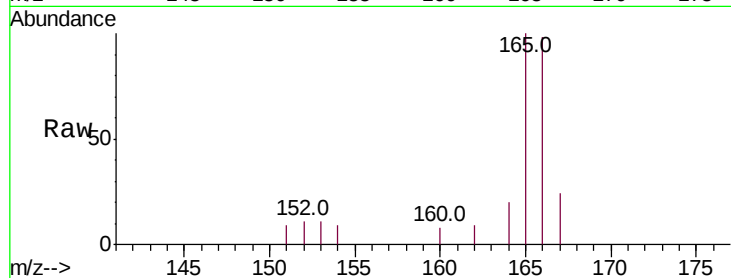
Tot Ion:166 Resp: 970

Ion Ratio Lower Upper

166 100

165 101.9 79.8 119.8

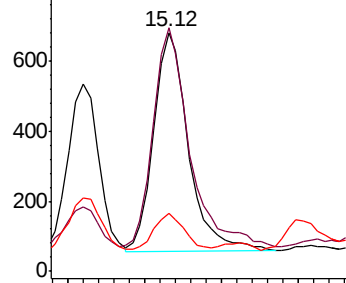
167 24.0 13.8 20.8#



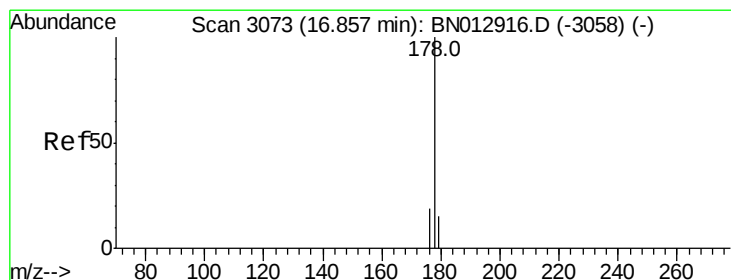
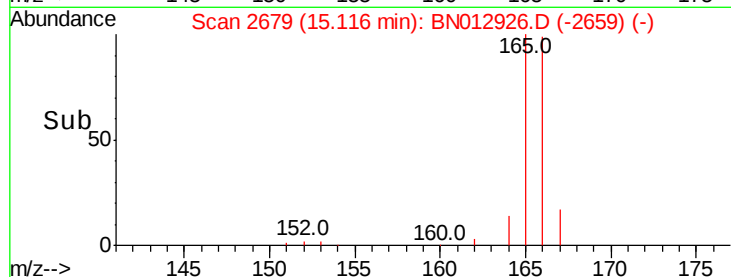
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 1.015 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

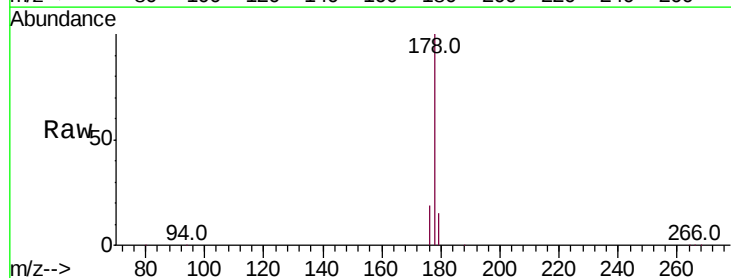
Tgt Ion:178 Resp: 30888

Ion Ratio Lower Upper

178 100

179 15.5 13.6 20.4

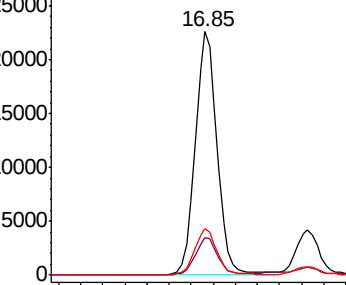
176 19.2 16.4 24.6



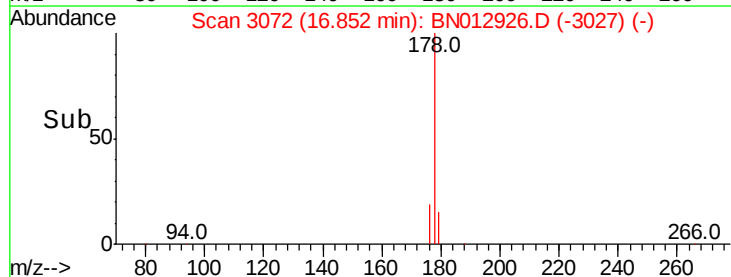
Abundance Ion 178.00 (177.70 to 178.70): E

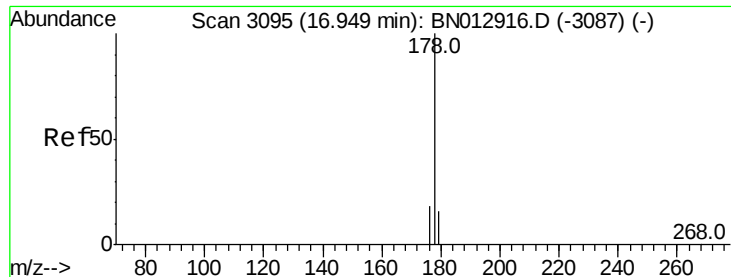
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.217 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampled :

C0B95

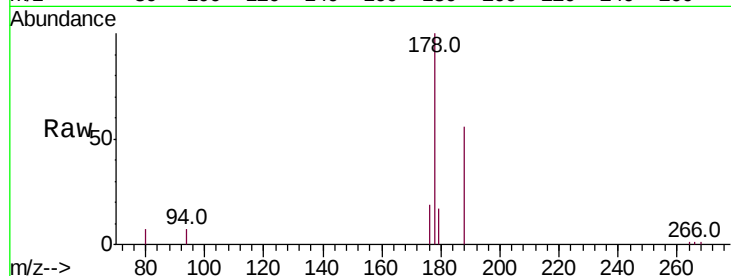
Tot Ion:178 Resp: 5619

Ion Ratio Lower Upper

178 100

179 17.1 14.6 21.8

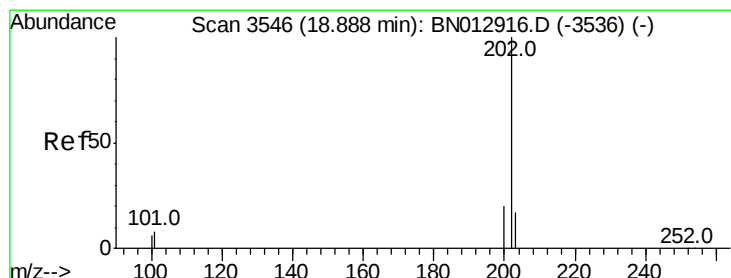
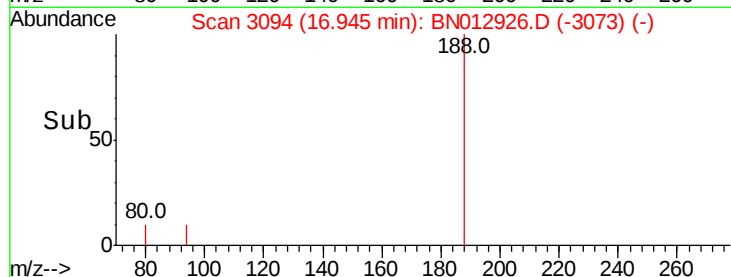
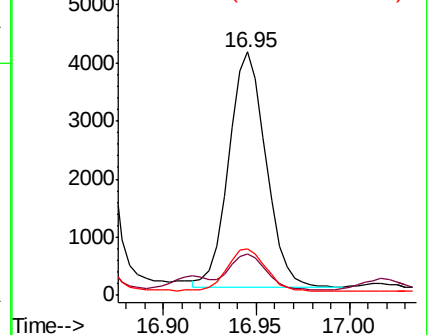
176 19.3 17.1 25.7



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: 2.841 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

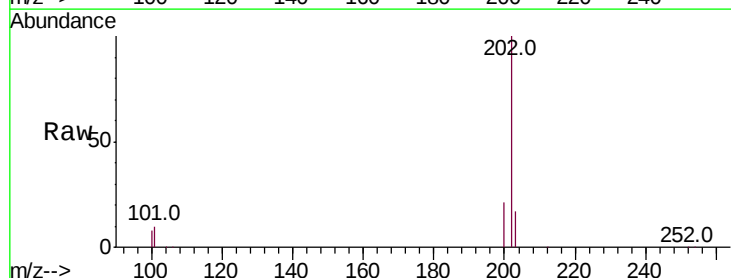
Tgt Ion:202 Resp: 102793

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.6

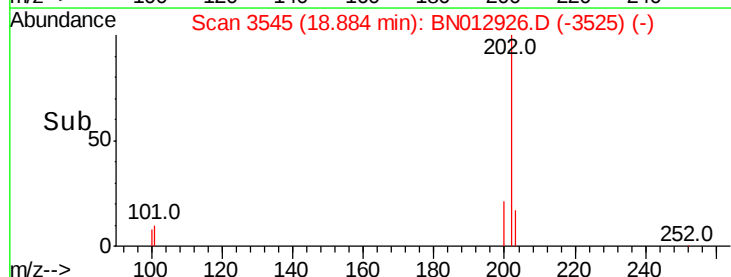
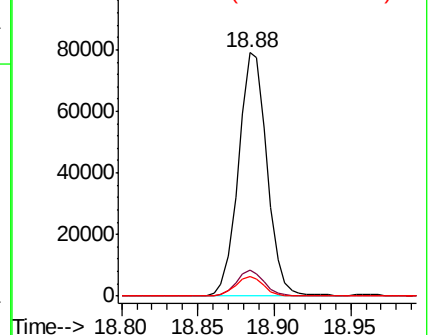
100 8.1 0.0 28.7

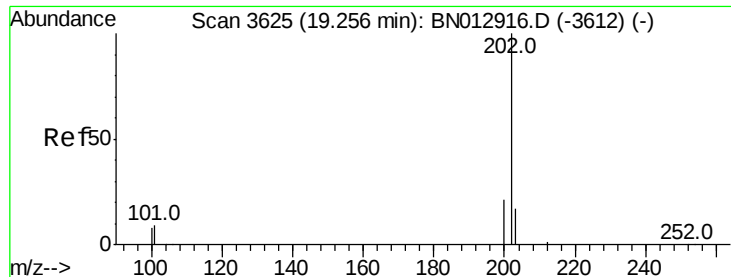


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 2.731 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampleId :

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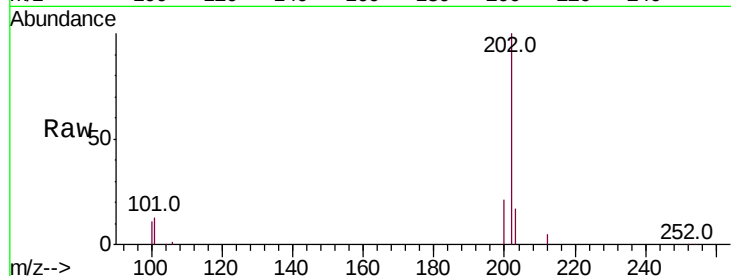
Tot Ion:202 Resp: 92770

Ion Ratio Lower Upper

202 100

101 12.5 9.1 13.7

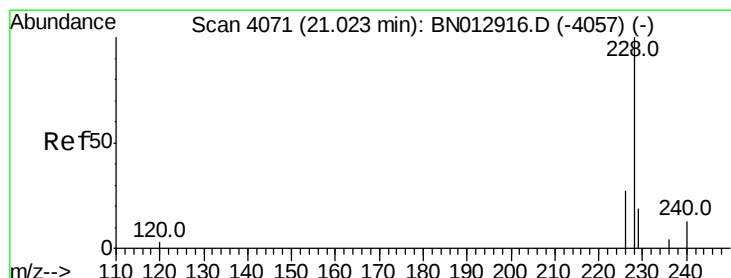
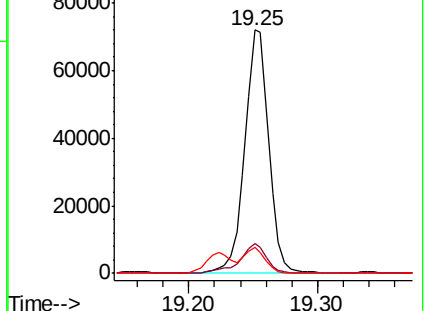
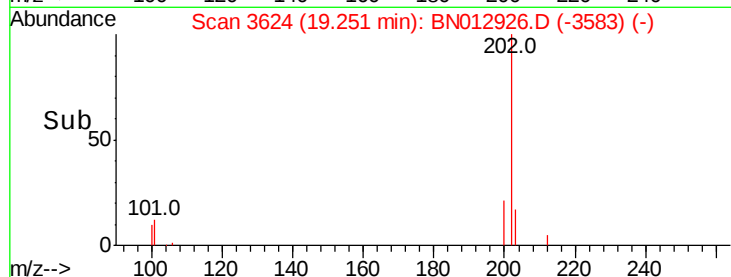
100 10.6 7.5 11.3



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: 1.725 ng/ul

RT: 21.02 min Scan# 4070

Delta R.T. -0.00 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

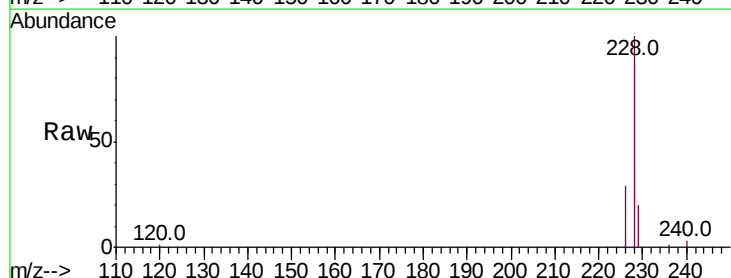
Tgt Ion:228 Resp: 51345

Ion Ratio Lower Upper

228 100

229 20.2 16.3 24.5

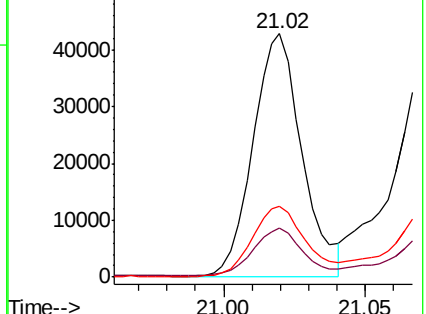
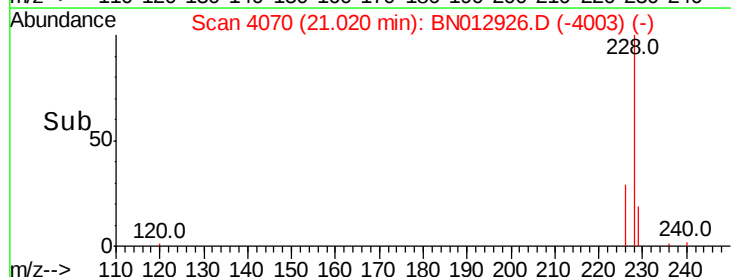
226 29.2 23.4 35.2

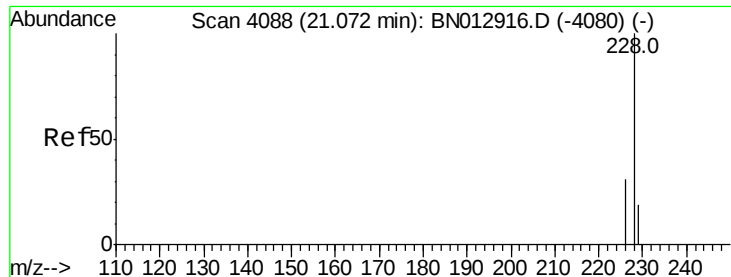


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.650 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

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ClientSampled :

C0B95

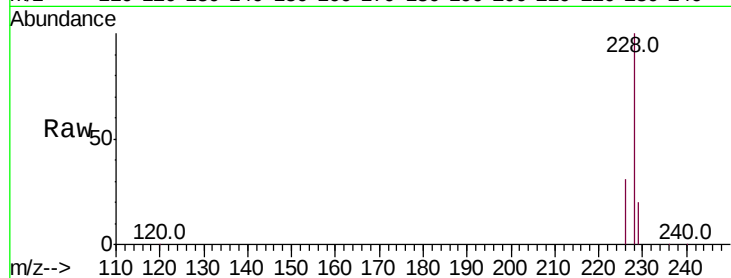
Tot Ion:228 Resp: 54248

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

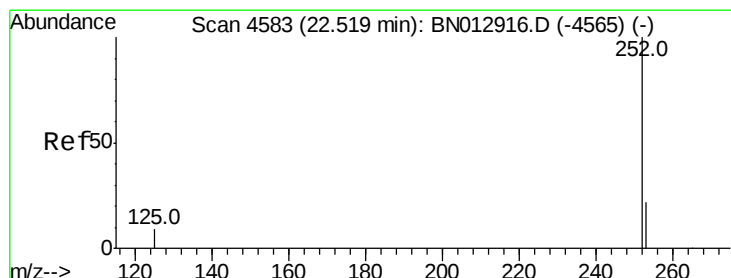
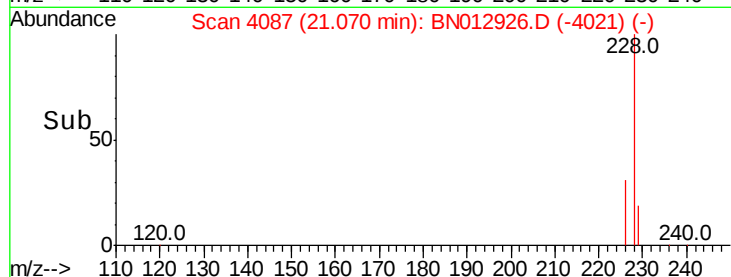
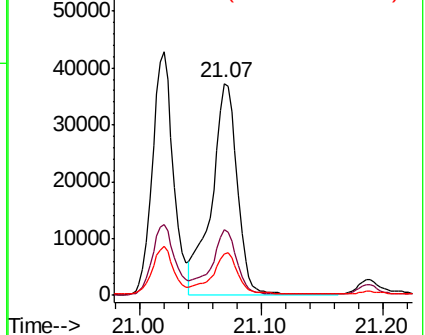
229 19.7 16.4 24.6



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: 3.442 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

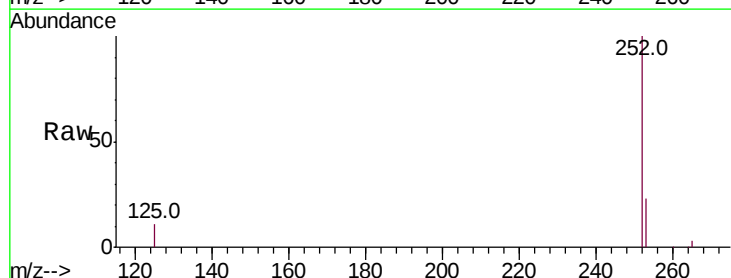
Tgt Ion:252 Resp: 98480

Ion Ratio Lower Upper

252 100

253 22.9 0.0 59.6

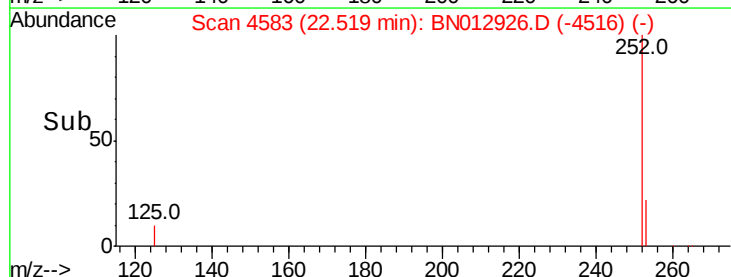
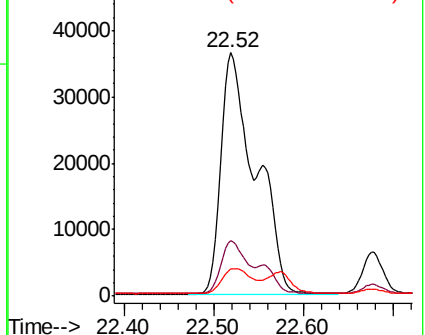
125 11.0 0.0 26.0

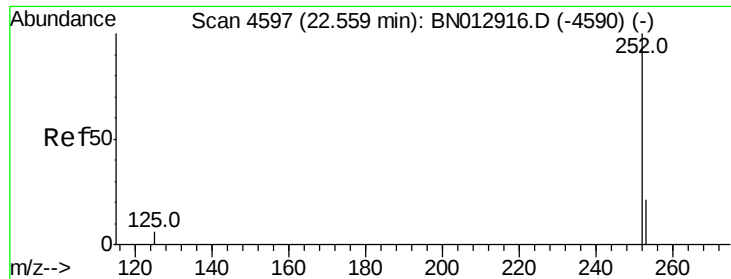


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.316 ng/ul

RT: 22.68 min Scan# 4637

Delta R.T. 0.11 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampleId :

C0B95

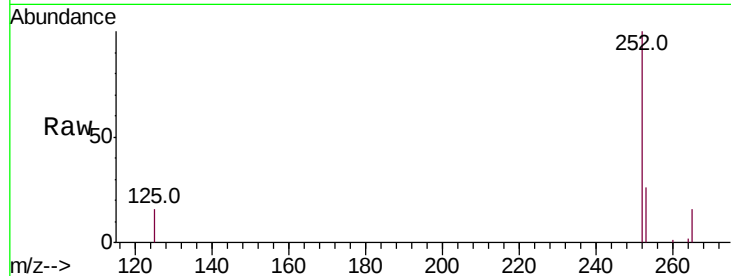
Tot Ion:252 Resp: 9998

Ion Ratio Lower Upper

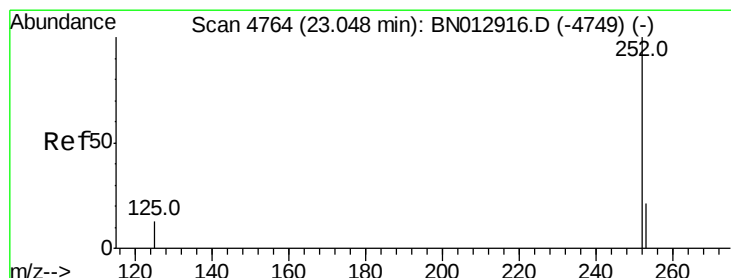
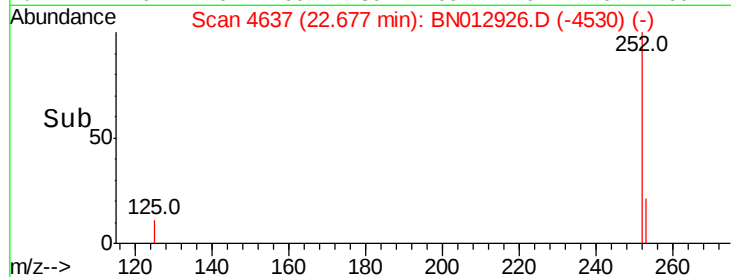
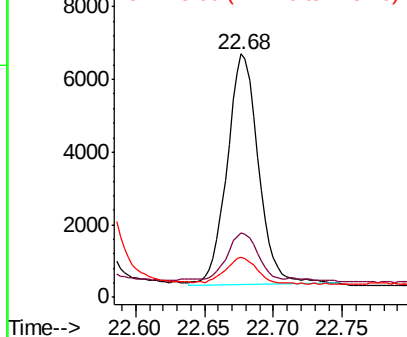
252 100

253 26.5 23.4 35.2

125 16.3 11.1 16.7



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: 0.268 ng/ul

RT: 23.18 min Scan# 4809

Delta R.T. 0.13 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

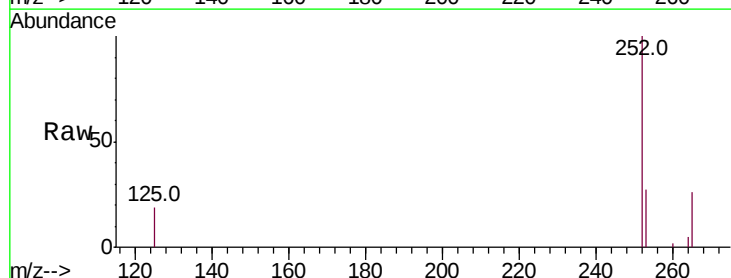
Tgt Ion:252 Resp: 7107

Ion Ratio Lower Upper

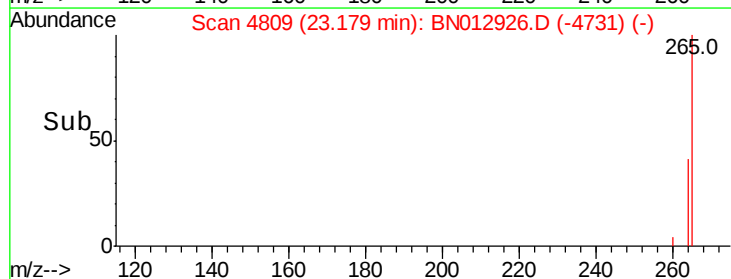
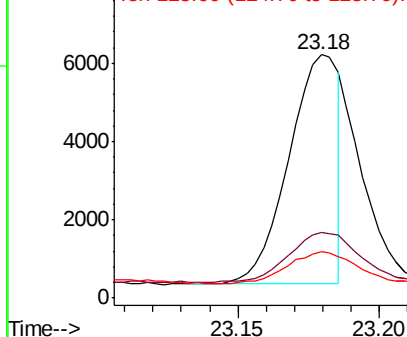
252 100

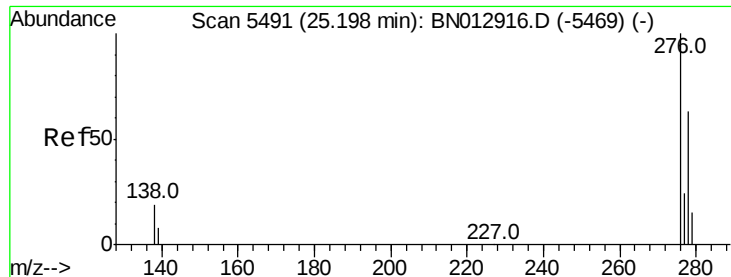
253 27.1 26.5 39.7

125 19.0 14.2 21.2



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



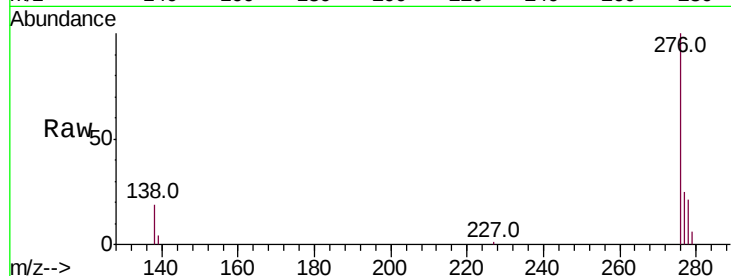


#24

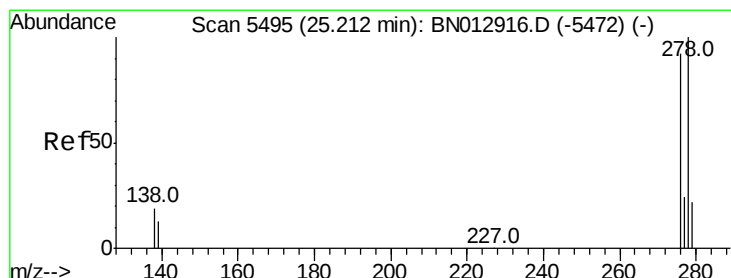
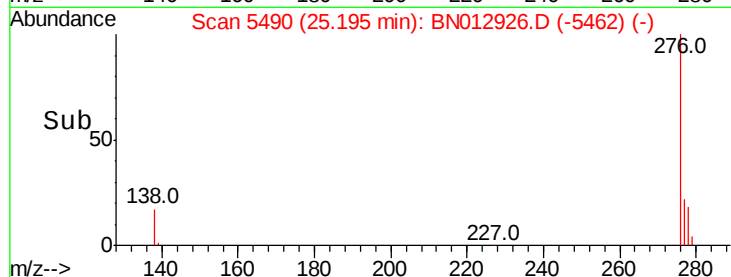
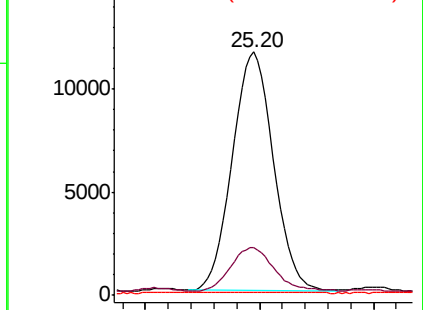
Indeno(1,2,3-cd)pyrene
Concen: 0.830 ng/ul
RT: 25.20 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012926.D
Acq: 06 Dec 2020 20:17

Instrument :
BNA_N
ClientSampleId :
C0B95

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
227	0.2	0.0	0.0#



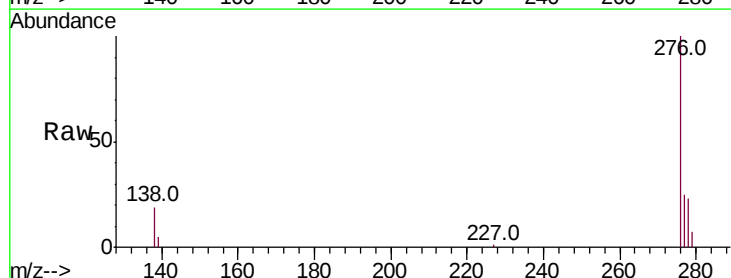
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



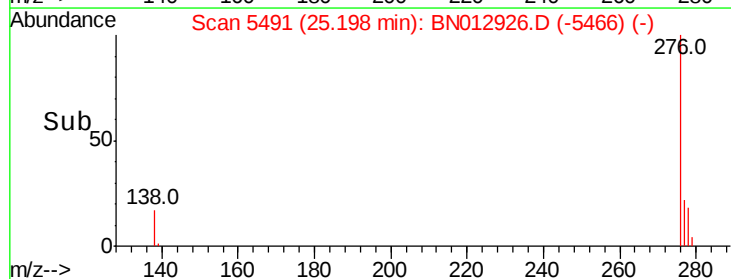
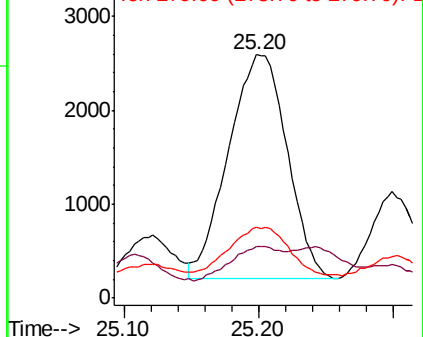
#25

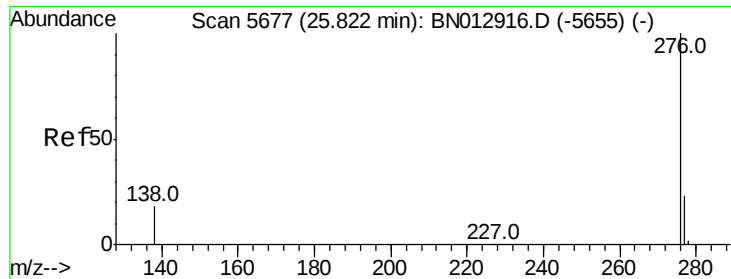
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012926.D
Acq: 06 Dec 2020 20:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.5	21.7
279	29.1	26.3	39.5



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: 0.805 ng/ul

RT: 25.82 min Scan# 5677

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampleId :

C0B95

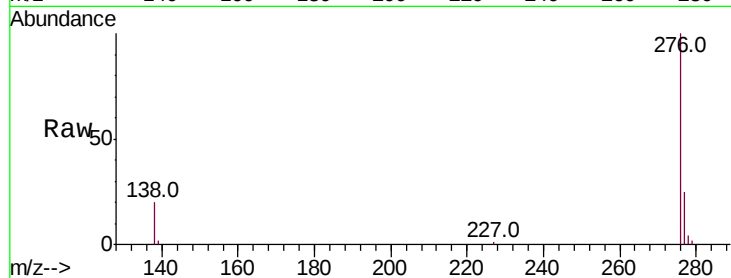
Tot Ion:276 Resp: 25402

Ion Ratio Lower Upper

276 100

138 19.9 16.3 24.5

277 24.7 21.8 32.6



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

