

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012787.D
 Acq On : 01 Dec 2020 18:15
 Operator : CG/JU
 Sample : L4793-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B49

Quant Time: Dec 02 00:56:38 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 Dec 02 00:53:21 2020
 Response via : Initial Calibration

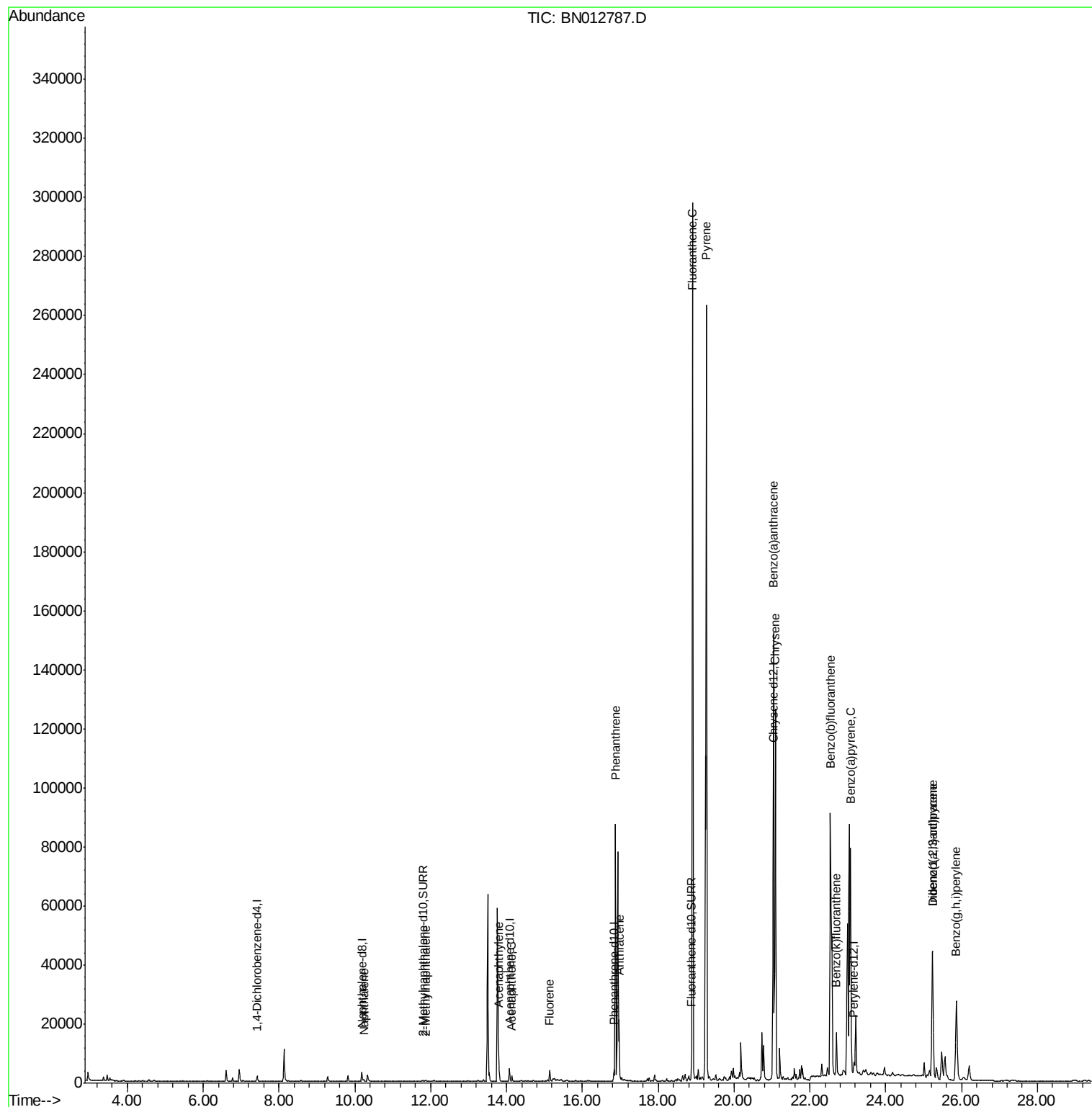
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	974	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	4023	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	4905	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4598	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4657	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	387	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	989	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.24	128	727	0.060	ng/ul#	86
5) 2-Methylnaphthalene	11.87	142	232	0.030	ng/ul	94
7) Acenaphthylene	13.80	152	7030	0.627	ng/ul	97
8) Acenaphthene	14.14	153	1201	0.127	ng/ul	98
9) Fluorene	15.14	166	2402	0.231	ng/ul	98
12) Phenanthrene	16.88	178	88480	5.184	ng/ul	95
13) Anthracene	16.97	178	19777	1.333	ng/ul	95
15) Fluoranthene	18.91	202	248335	12.603	ng/ul	97
17) Pyrene	19.27	202	221157	10.753	ng/ul	99
18) Benzo(a)anthracene	21.04	228	124026	7.527	ng/ul	98
19) Chrysene	21.09	228	113582	5.519	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	189789	8.859	ng/ul	89
22) Benzo(k)fluoranthene	22.70	252	16801	0.680	ng/ul	99
23) Benzo(a)pyrene	23.07	252	96584	4.790	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.23	276	62960	2.388	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.24	278	16337	0.771	ng/ul	94
26) Benzo(a,h,i)perylene	25.86	276	52264	2.203	ng/ul	96

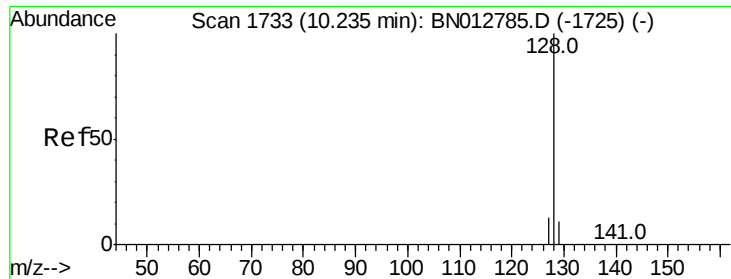
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 00:56:38 2020
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QLast Update : Wed Dec 02 00:53:21 2020
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#3

Naphthalene

Concen: 0.060 ng/ul

RT: 10.24 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49

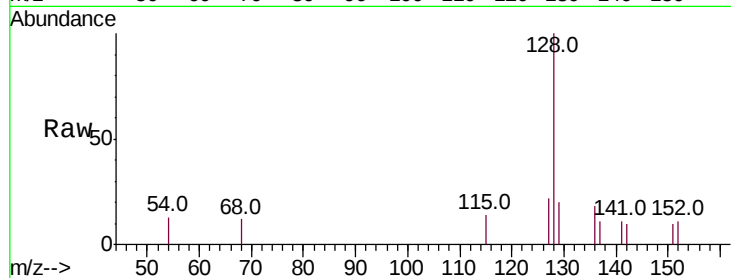
Tot Ion:128 Resp: 727

Ion Ratio Lower Upper

128 100

129 19.5 11.2 16.8#

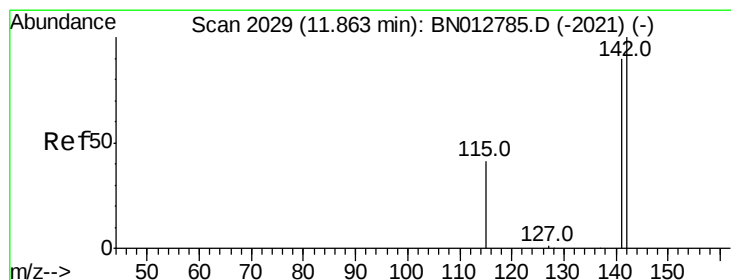
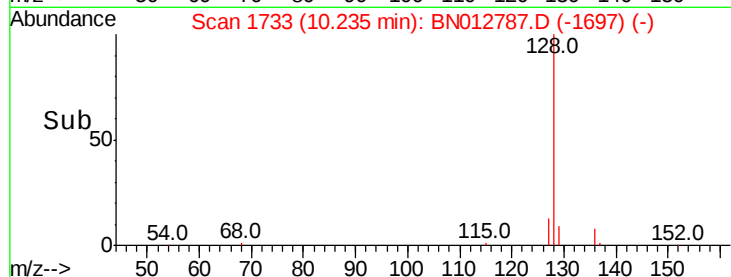
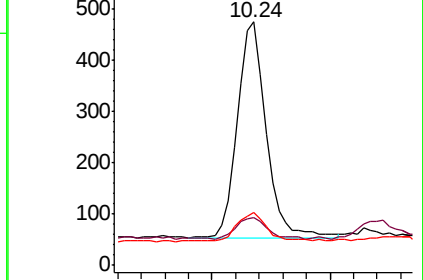
127 21.6 12.5 18.7#



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: 0.030 ng/ul

RT: 11.87 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BN012787.D

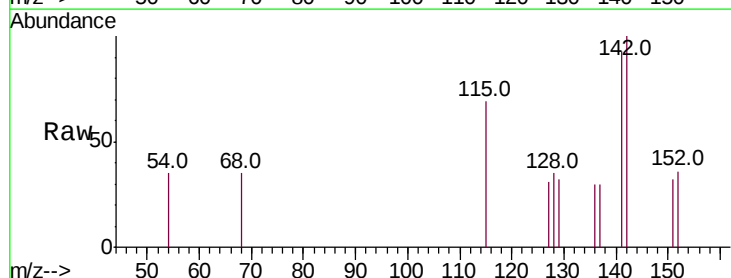
Acq: 01 Dec 2020 18:15

Tgt Ion:142 Resp: 232

Ion Ratio Lower Upper

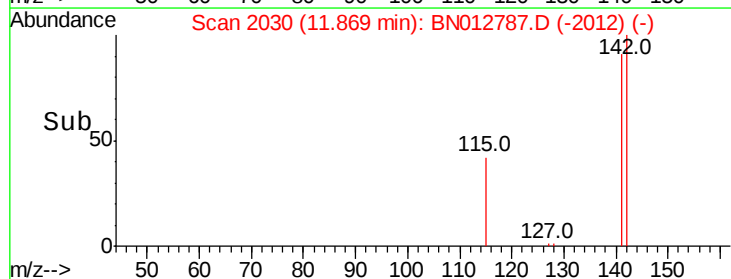
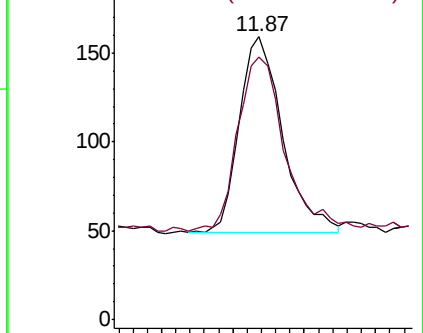
142 100

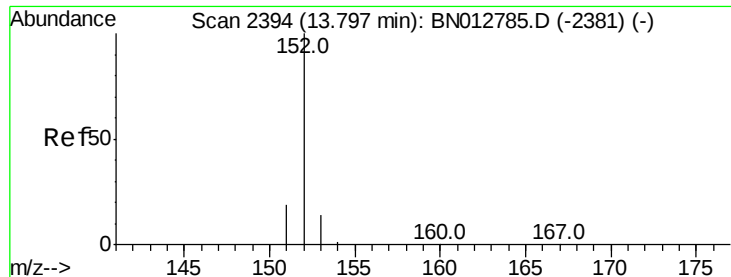
141 96.1 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.627 ng/ul

RT: 13.80 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49

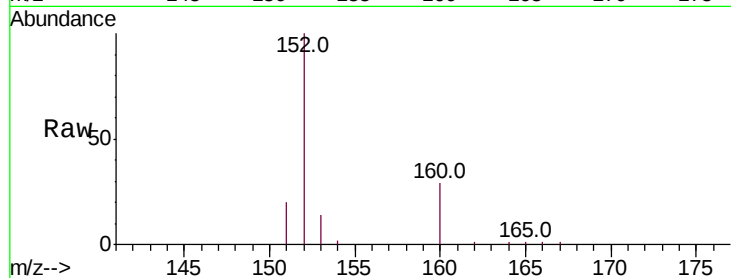
Tot Ion:152 Resp: 7030

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

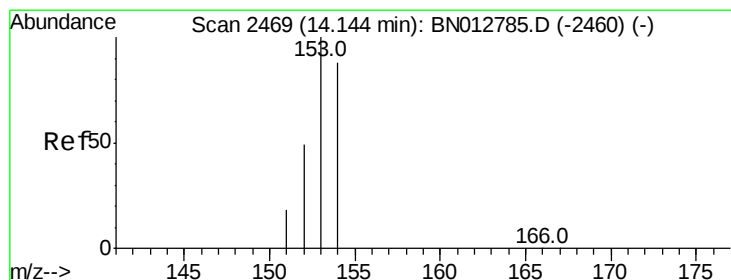
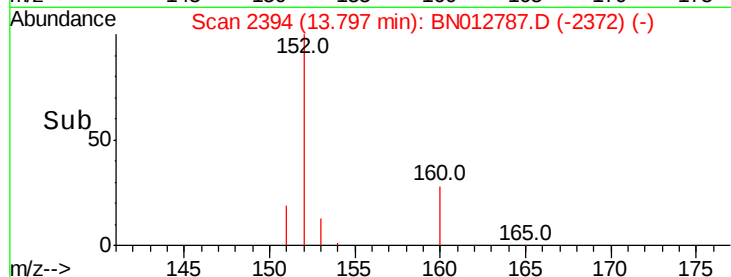
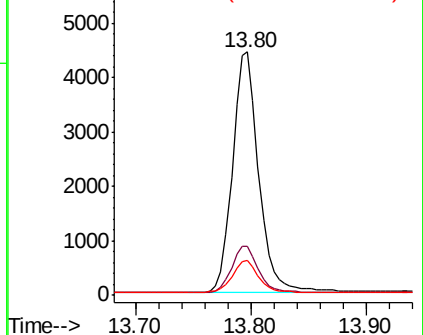
153 14.3 12.6 19.0



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



#8

Acenaphthene

Concen: 0.127 ng/ul

RT: 14.14 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

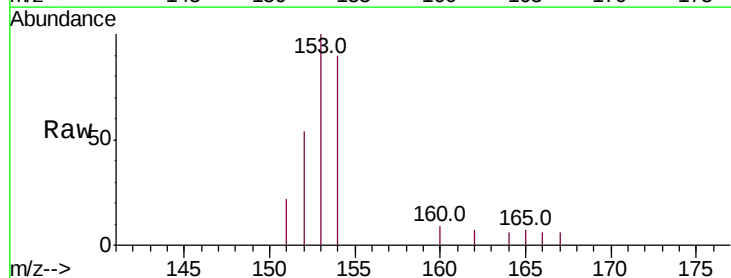
Tgt Ion:153 Resp: 1201

Ion Ratio Lower Upper

153 100

152 53.8 41.4 62.0

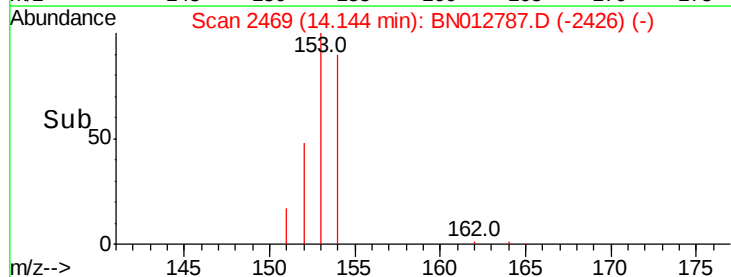
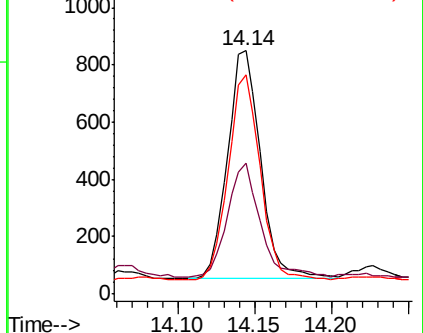
154 89.9 70.9 106.3

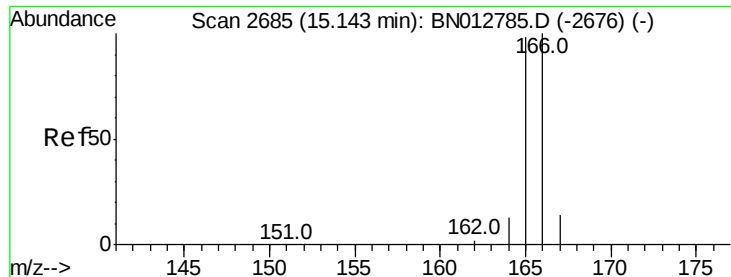


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.231 ng/ul

RT: 15.14 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49

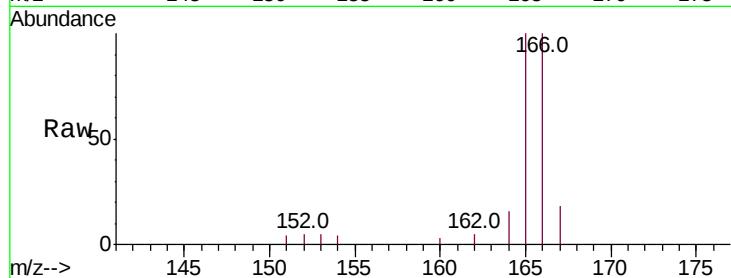
Tot Ion:166 Resp: 2402

Ion Ratio Lower Upper

166 100

165 99.6 78.5 117.7

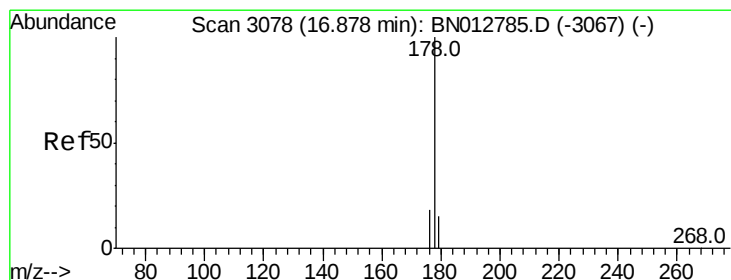
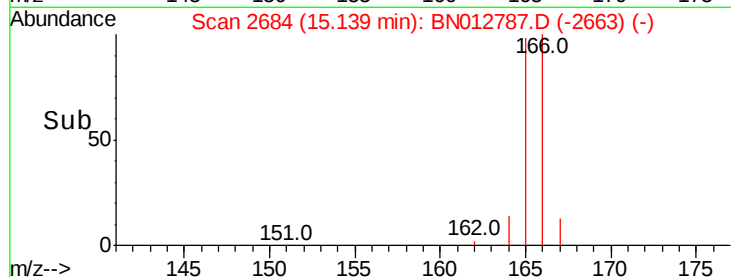
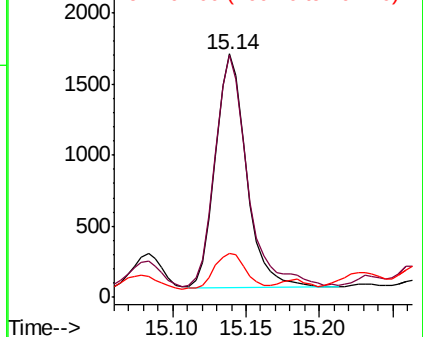
167 17.9 12.7 19.1



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



#12

Phenanthrene

Concen: 5.184 ng/ul

RT: 16.88 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

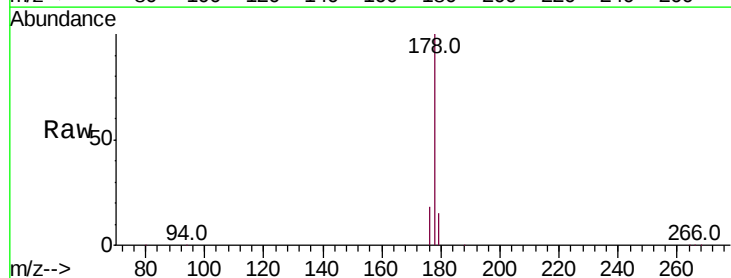
Tgt Ion:178 Resp: 88480

Ion Ratio Lower Upper

178 100

179 15.4 13.8 20.6

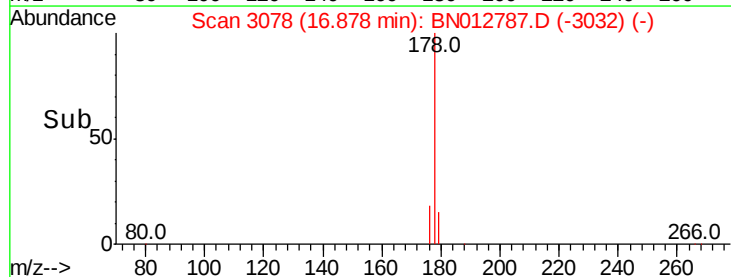
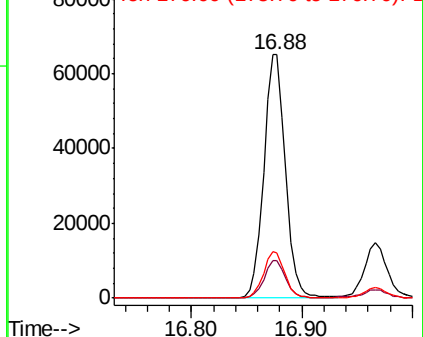
176 18.4 16.7 25.1

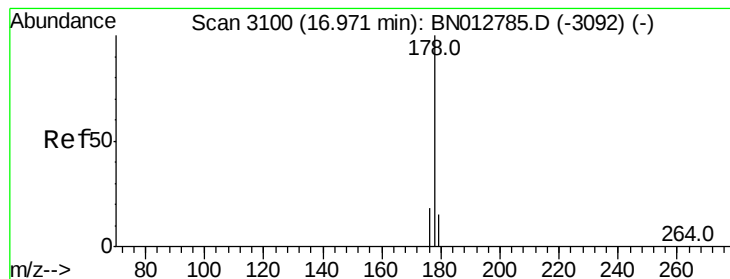


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.333 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49

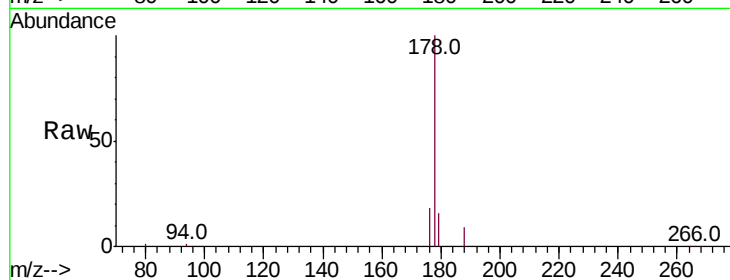
Tot Ion:178 Resp: 19777

Ion Ratio Lower Upper

178 100

179 15.8 14.8 22.2

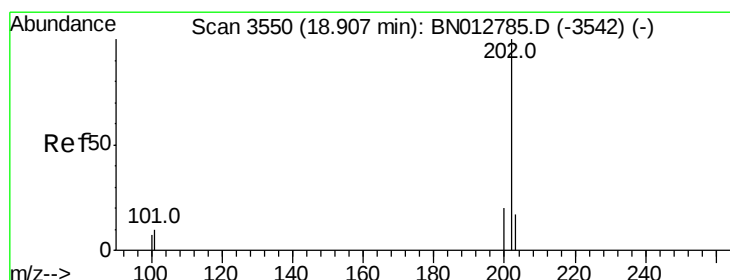
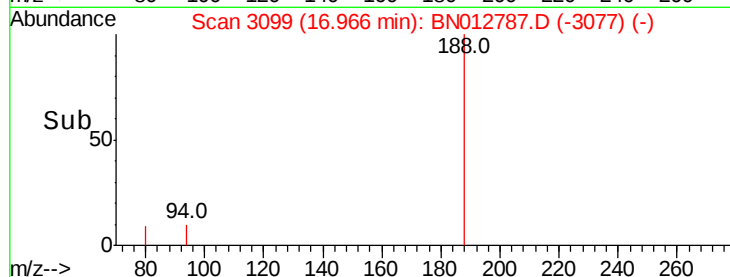
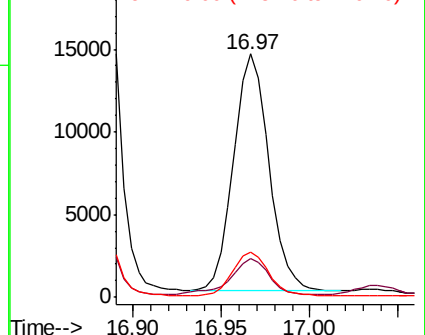
176 18.4 16.3 24.5



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: 12.603 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

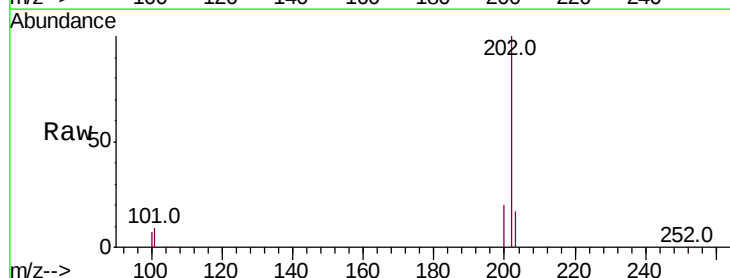
Tgt Ion:202 Resp: 248335

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.5

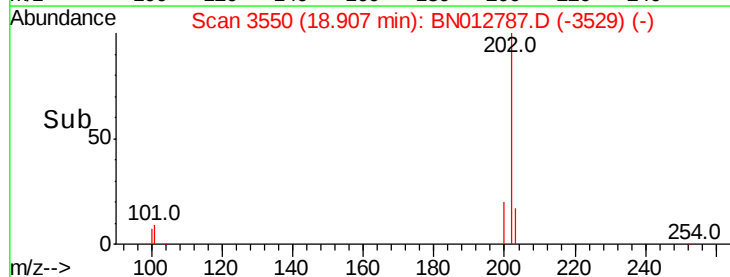
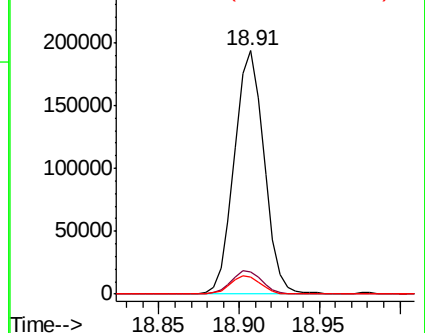
100 7.2 0.0 28.4

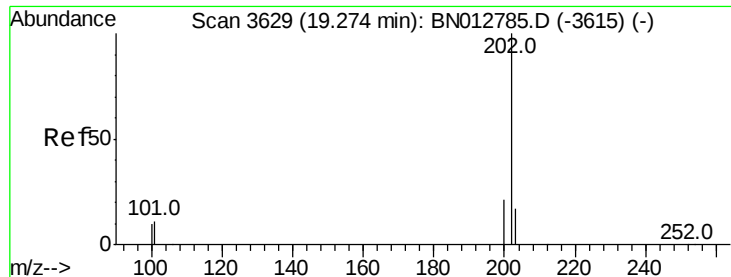


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 10.753 ng/ul

RT: 19.27 min Scan# 3629

Delta R.T. 0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49

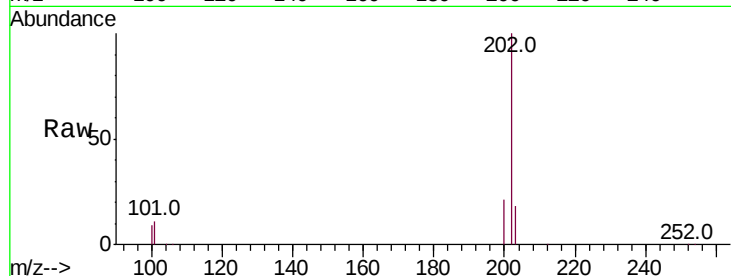
Tot Ion:202 Resp: 221157

Ion Ratio Lower Upper

202 100

101 10.6 8.9 13.3

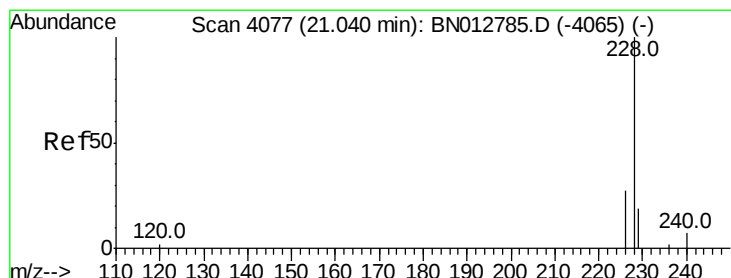
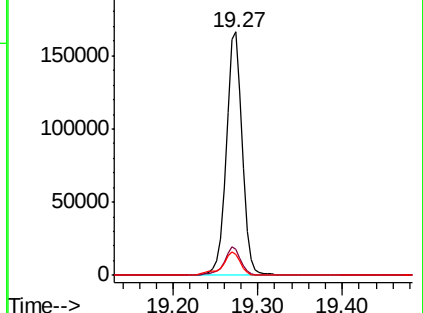
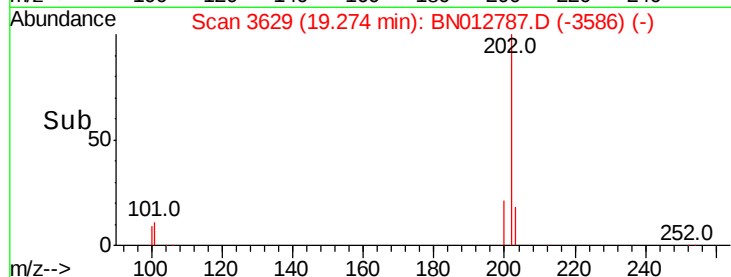
100 8.7 7.4 11.2



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: 7.527 ng/ul

RT: 21.04 min Scan# 4076

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

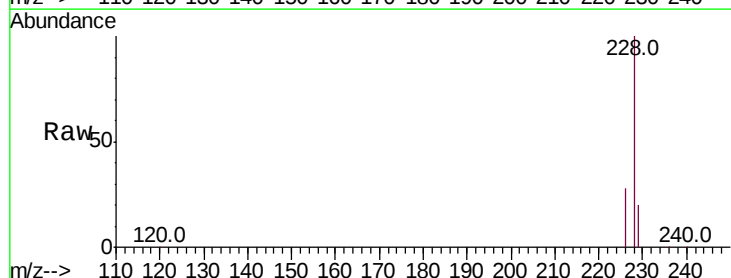
Tgt Ion:228 Resp: 124026

Ion Ratio Lower Upper

228 100

229 20.0 16.9 25.3

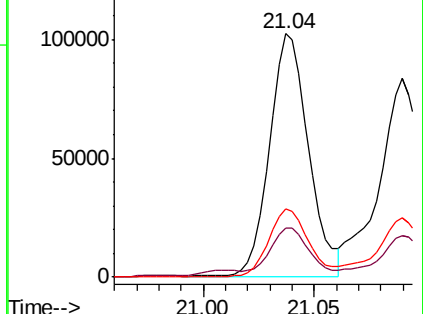
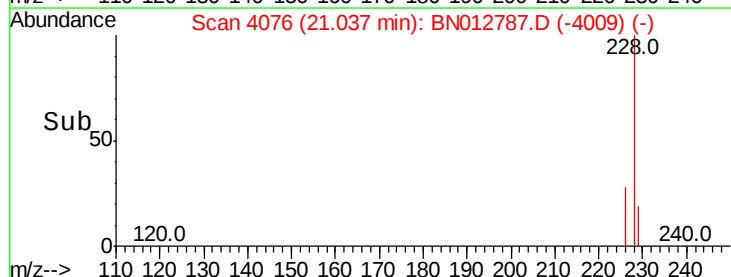
226 28.0 23.1 34.7

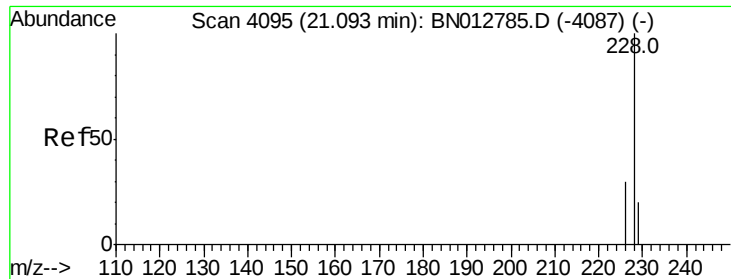


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.519 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

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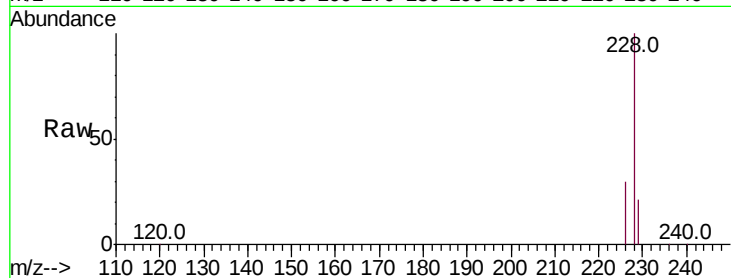
Tot Ion:228 Resp: 113582

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

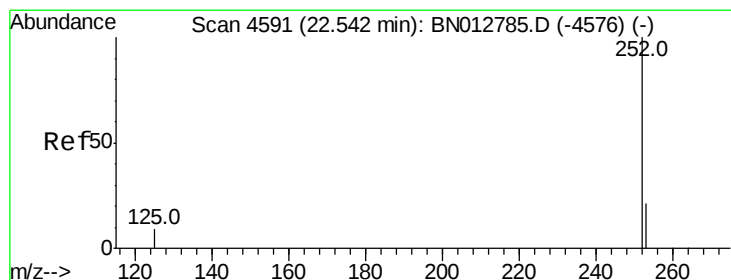
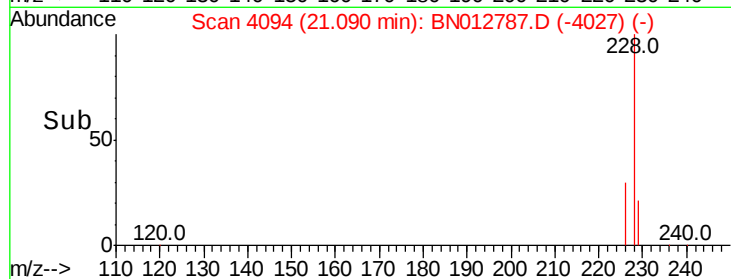
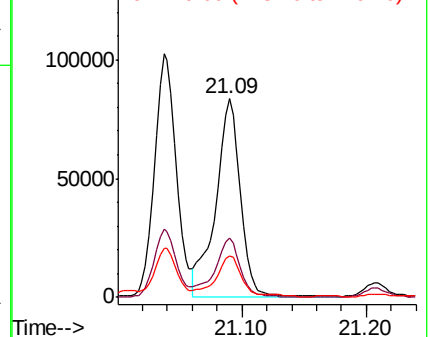
229 21.2 16.1 24.1



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: 8.859 ng/ul

RT: 22.54 min Scan# 4591

Delta R.T. 0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

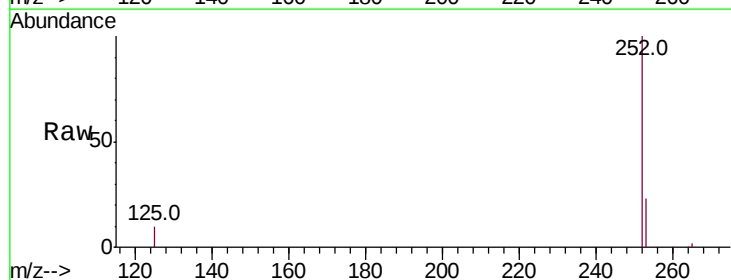
Tgt Ion:252 Resp: 189789

Ion Ratio Lower Upper

252 100

253 23.0 0.0 58.4

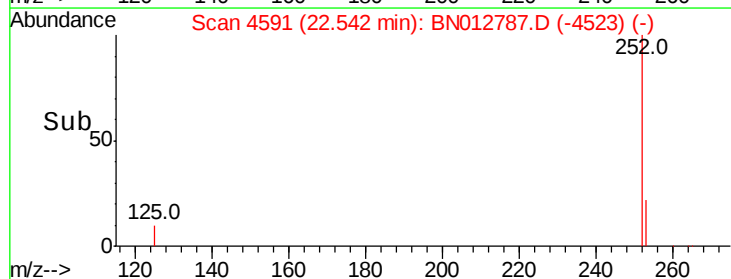
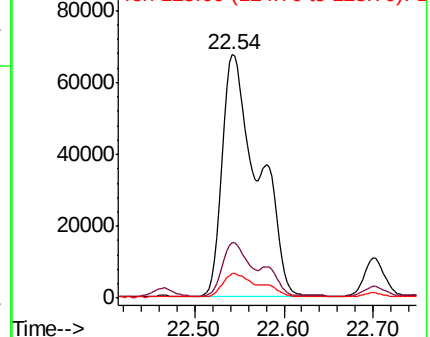
125 10.0 0.0 28.6

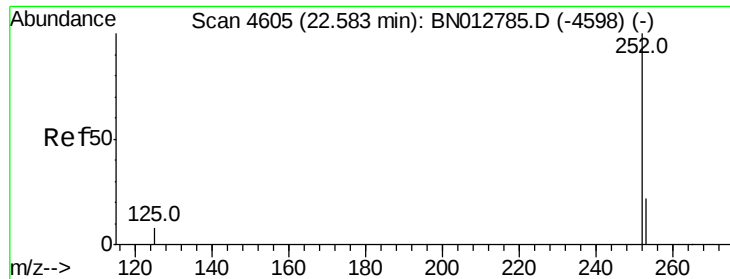


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.680 ng/ul

RT: 22.70 min Scan# 4645

Delta R.T. 0.11 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49

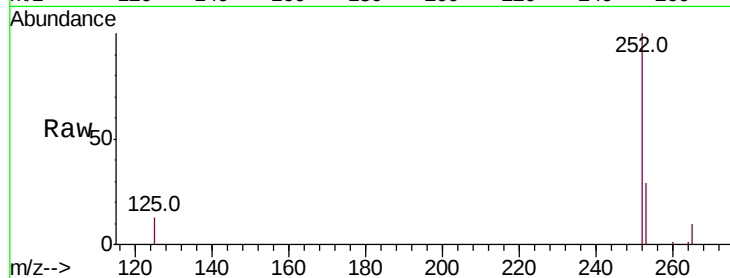
Tot Ion:252 Resp: 16801

Ion Ratio Lower Upper

252 100

253 28.8 23.4 35.2

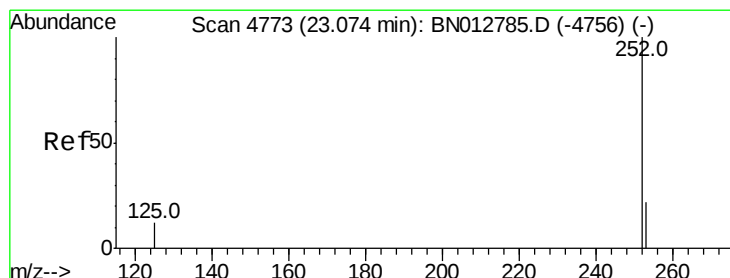
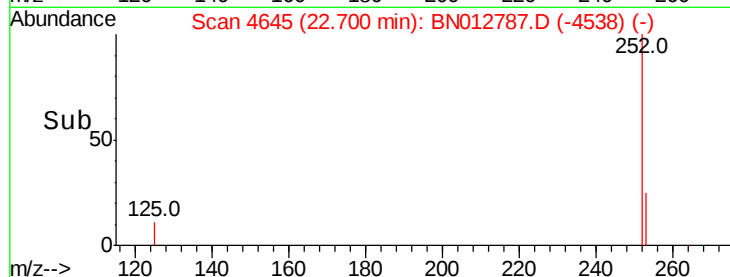
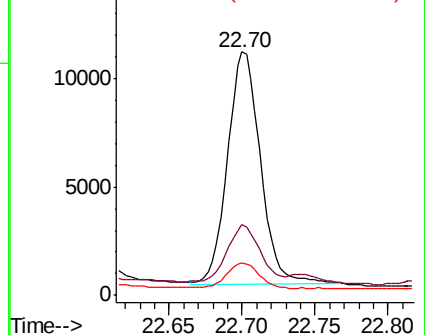
125 13.3 10.2 15.2



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: 4.790 ng/ul

RT: 23.07 min Scan# 4773

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

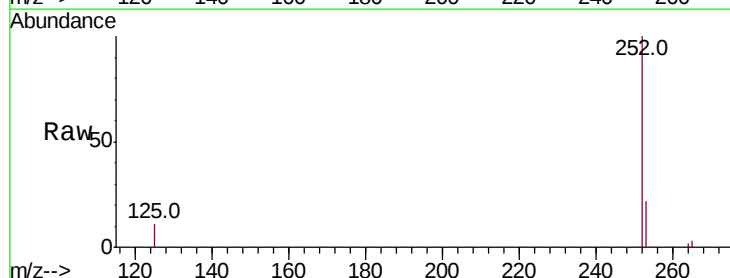
Tgt Ion:252 Resp: 96584

Ion Ratio Lower Upper

252 100

253 22.5 27.6 41.4#

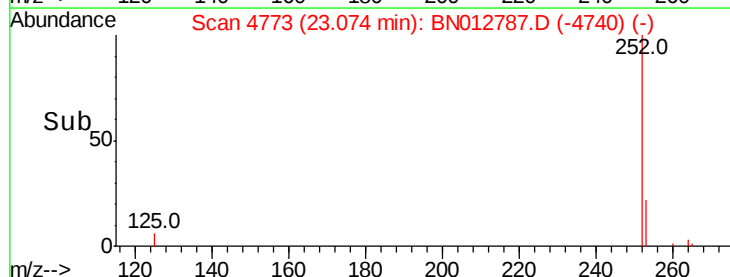
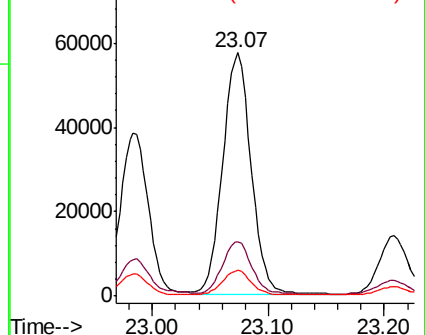
125 10.6 17.0 25.4#

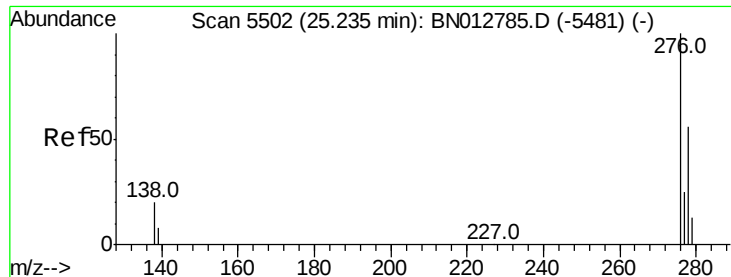


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



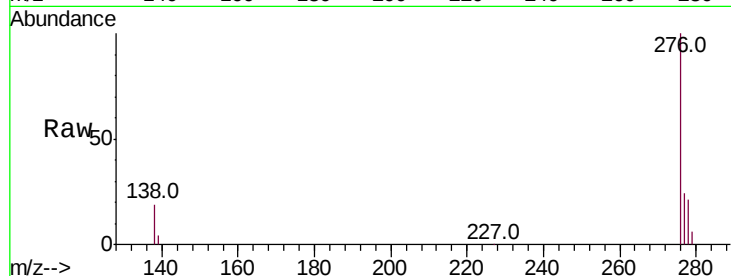


#24

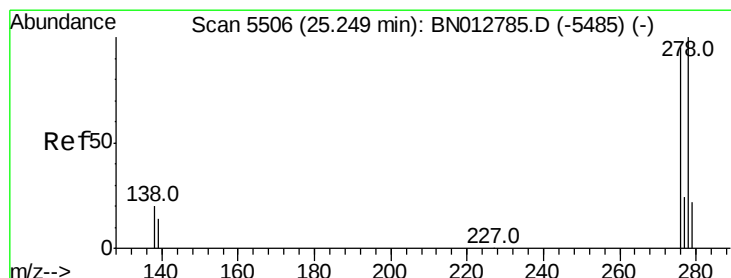
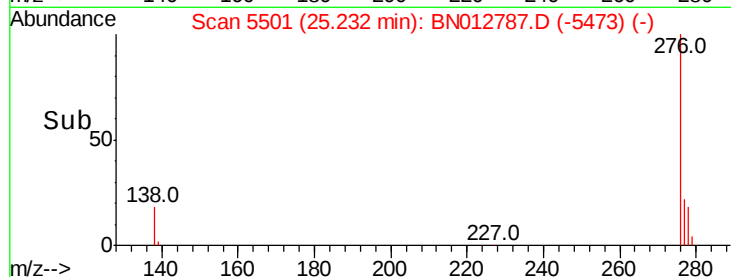
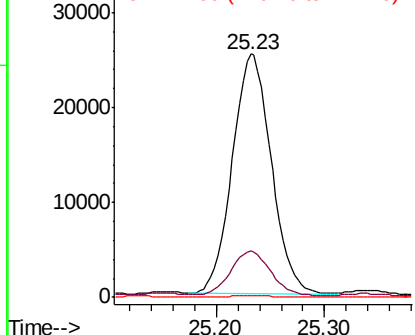
Indeno(1,2,3-cd)pyrene
Concen: 2.388 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Instrument :
BNA_N
ClientSampleId :
C0B49

Tot Ion:276 Resp: 62960
Ion Ratio Lower Upper
276 100
138 19.0 16.5 24.7
227 0.2 0.1 0.1#



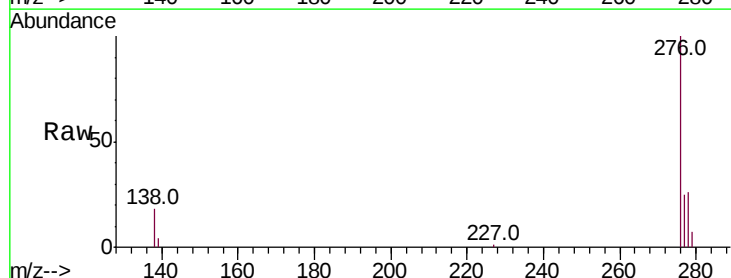
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



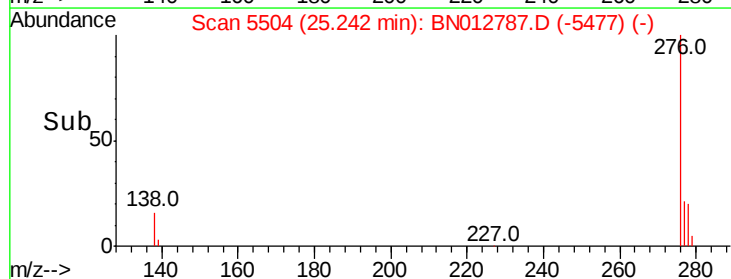
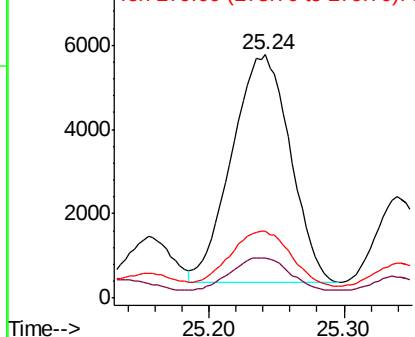
#25

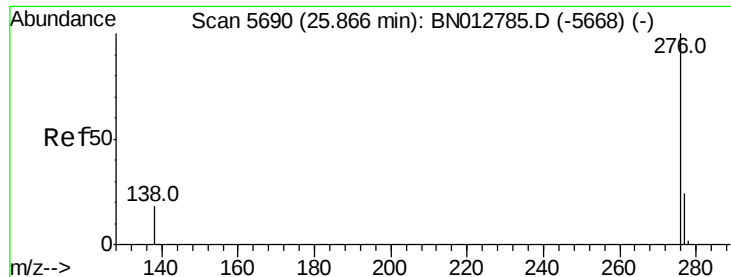
Dibenzo(a,h)anthracene
Concen: 0.771 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Tgt Ion:278 Resp: 16337
Ion Ratio Lower Upper
278 100
139 16.7 13.8 20.8
279 27.4 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(a,h,i)perylene

Concen: 2.203 ng/ul

RT: 25.86 min Scan# 5689

Delta R.T. -0.00 min

Lab File: BN012787.D

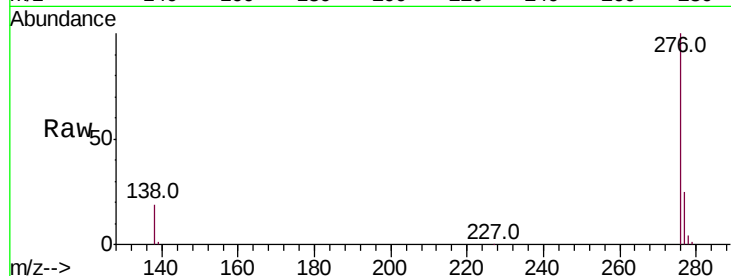
Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49



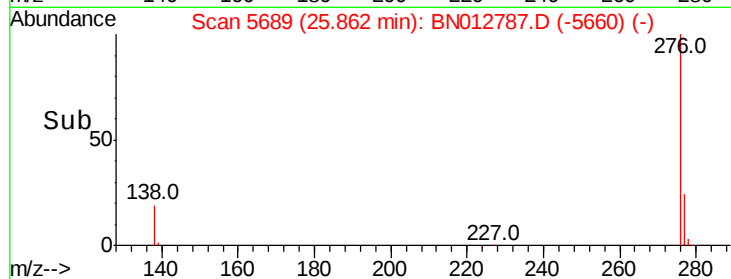
Tot Ion:276 Resp: 52264

Ion Ratio Lower Upper

276 100

138 19.4 16.3 24.5

277 24.5 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

