

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012793.D
 Acq On : 01 Dec 2020 21:52
 Operator : CG/JU
 Sample : L4793-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BA3

Quant Time: Dec 02 00:57:15 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

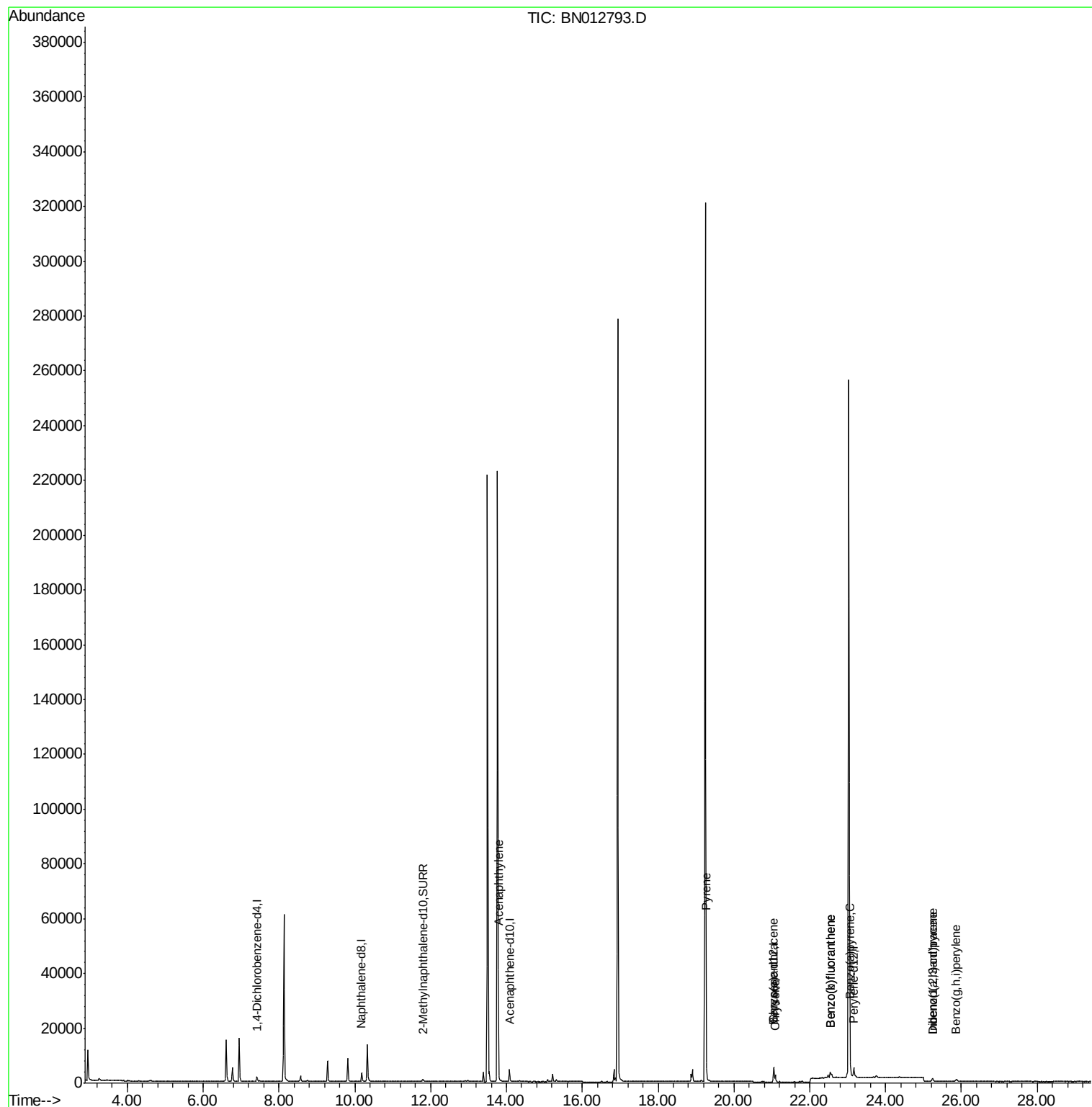
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	4015	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2454	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.84
16) Chrysene-d12	21.05	240	4239	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4473	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1346	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2917	0.00	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.79	152	249	0.021	ng/ul#	51
17) Pyrene	19.27	202	4483	0.236	ng/ul#	91
18) Benzo(a)anthracene	21.04	228	2135	0.141	ng/ul	97
19) Chrysene	21.09	228	2652	0.140	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	4651	0.226	ng/ul	83
22) Benzo(k)fluoranthene	22.54	252	4651	0.196	ng/ul#	82
23) Benzo(a)pyrene	23.07	252	2192	0.113	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.23	276	1671	0.066	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.24	278	707	0.035	ng/ul#	48
26) Benzo(g,h,i)perylene	25.86	276	1792	0.079	ng/ul#	88

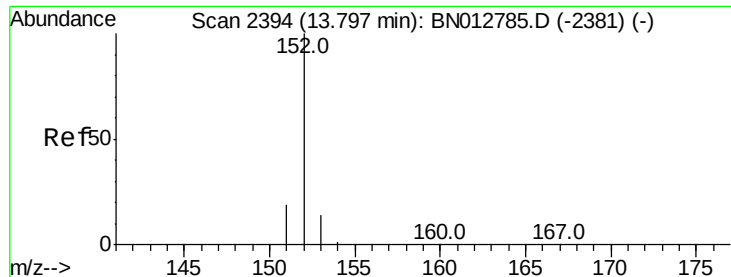
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

ClientSampleId :

C0BA3

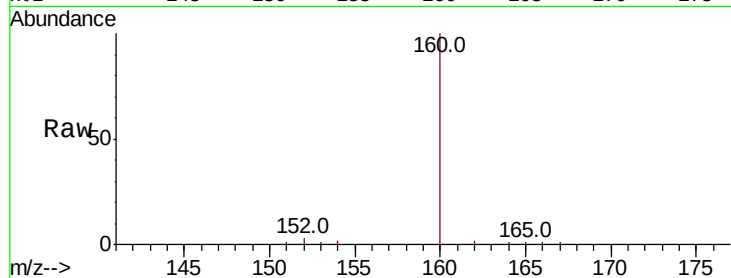
Tot Ion:152 Resp: 249

Ion Ratio Lower Upper

152 100

151 42.0 17.1 25.7#

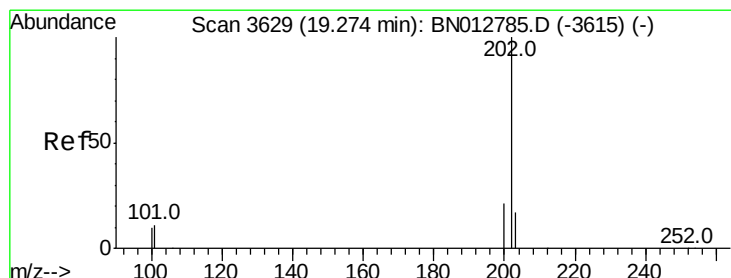
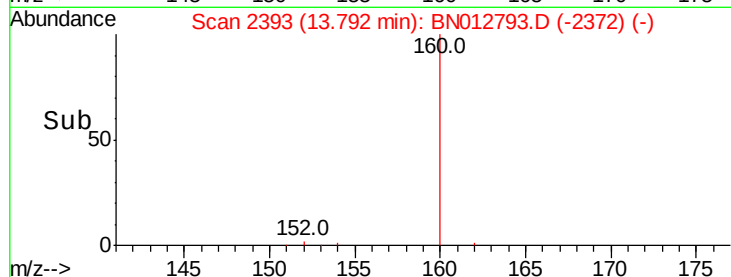
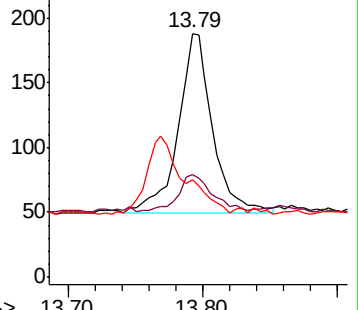
153 39.9 12.6 19.0#



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



#17

Pyrene

Concen: 0.236 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

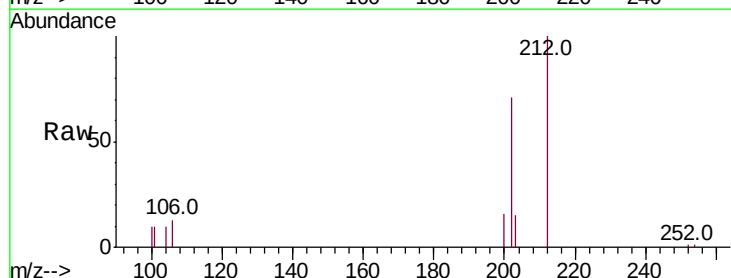
Tgt Ion:202 Resp: 4483

Ion Ratio Lower Upper

202 100

101 13.6 8.9 13.3#

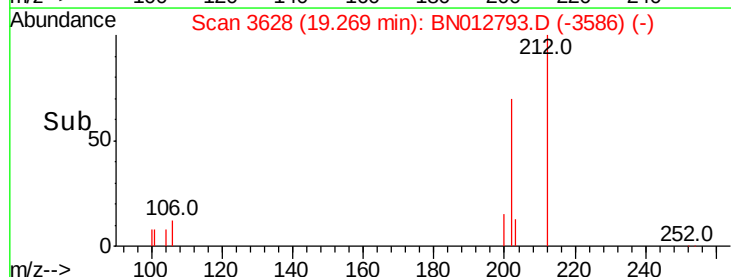
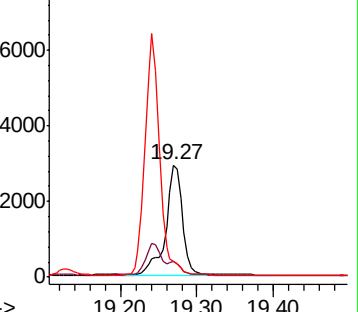
100 13.5 7.4 11.2#

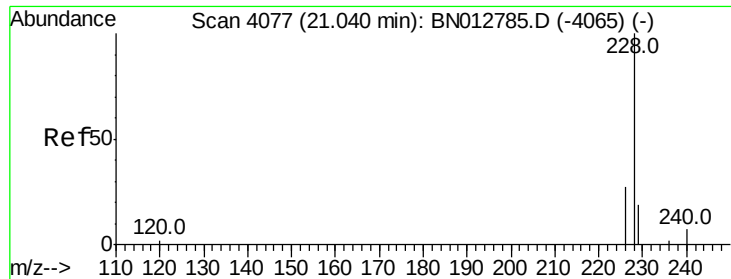


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.141 ng/ul

RT: 21.04 min Scan# 4076

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

ClientSampleId :

C0BA3

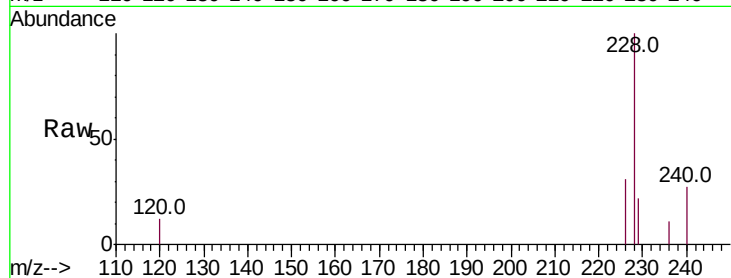
Tot Ion:228 Resp: 2135

Ion Ratio Lower Upper

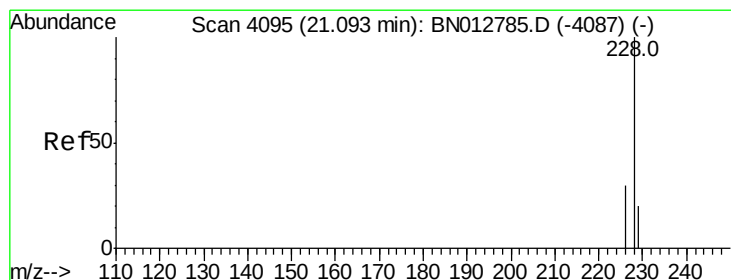
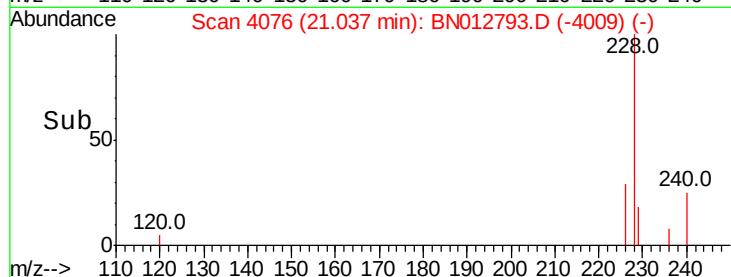
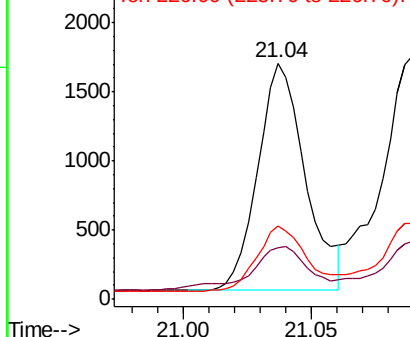
228 100

229 21.7 16.9 25.3

226 31.1 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: 0.140 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

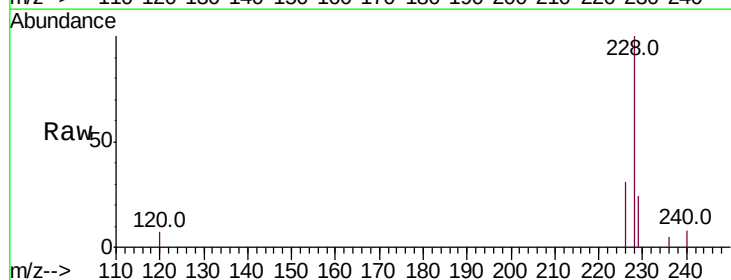
Tgt Ion:228 Resp: 2652

Ion Ratio Lower Upper

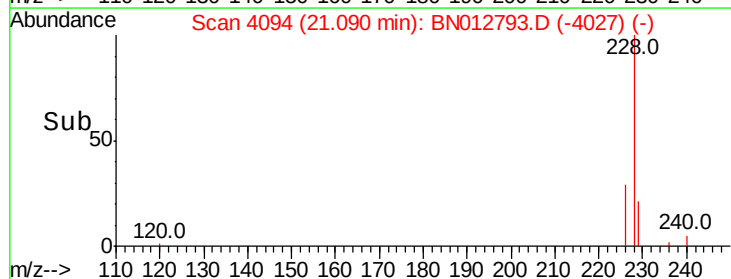
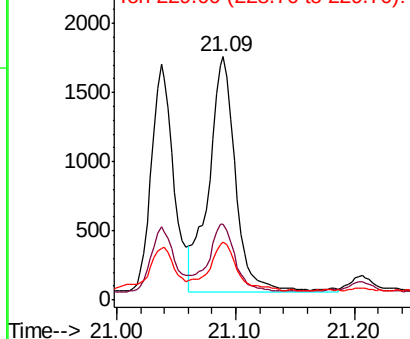
228 100

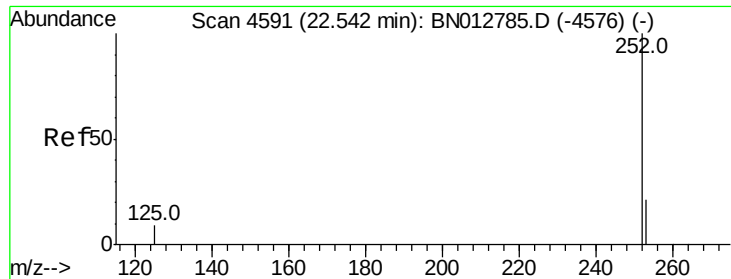
226 31.2 24.4 36.6

229 23.8 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: 0.226 ng/ul

RT: 22.54 min Scan# 4591

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

ClientSampleId :

C0BA3

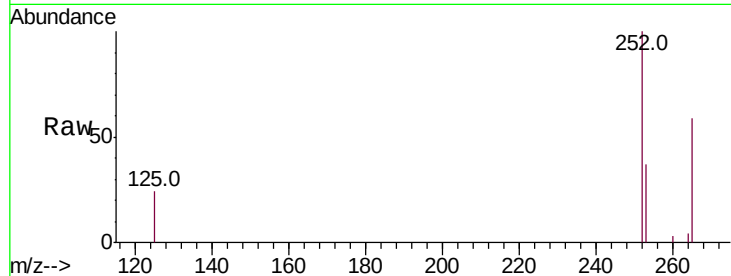
Tot Ion:252 Resp: 4651

Ion Ratio Lower Upper

252 100

253 36.7 0.0 58.4

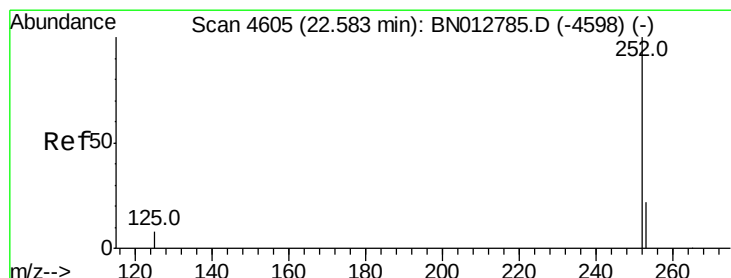
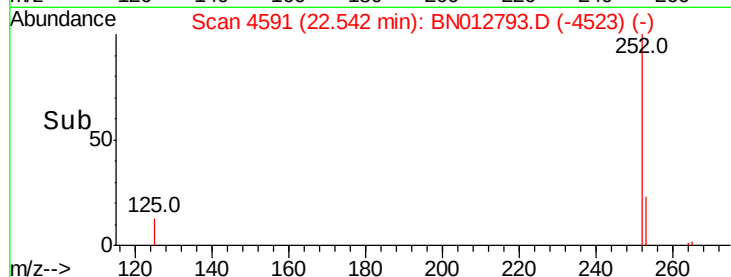
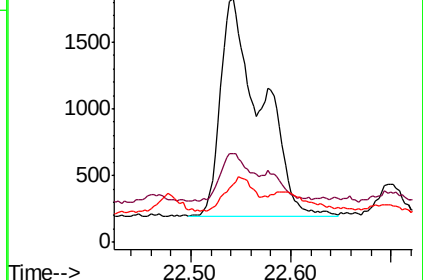
125 23.6 0.0 28.6



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: 0.196 ng/ul

RT: 22.54 min Scan# 4591

Delta R.T. -0.04 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

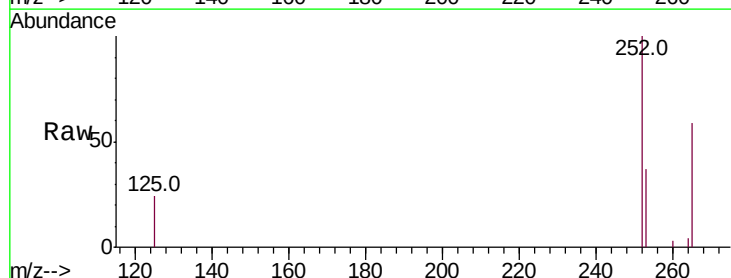
Tgt Ion:252 Resp: 4651

Ion Ratio Lower Upper

252 100

253 36.7 23.4 35.2#

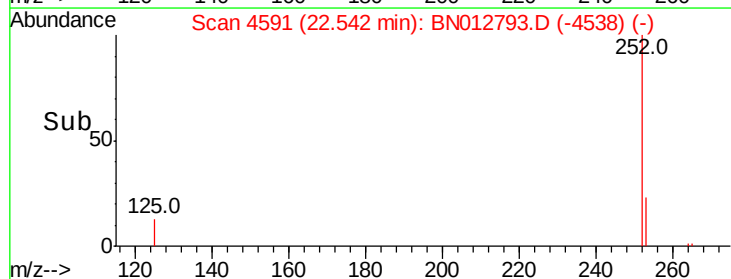
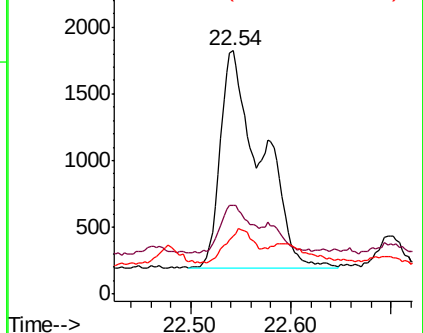
125 23.6 10.2 15.2#

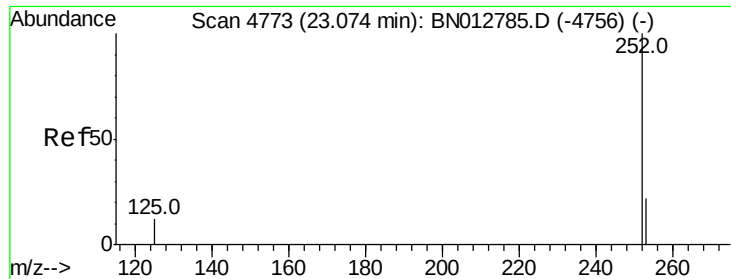


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.113 ng/ul

RT: 23.07 min Scan# 4771

Delta R.T. -0.01 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

ClientSampleId :

C0BA3

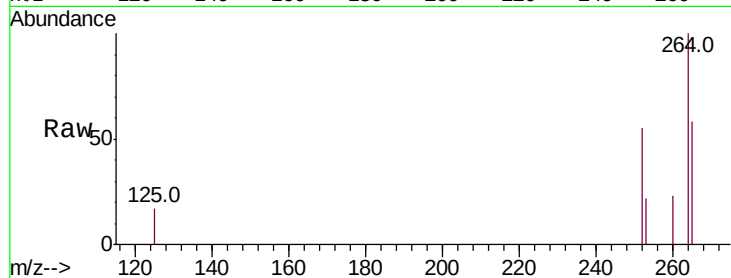
Tot Ion:252 Resp: 2192

Ion Ratio Lower Upper

252 100

253 39.8 27.6 41.4

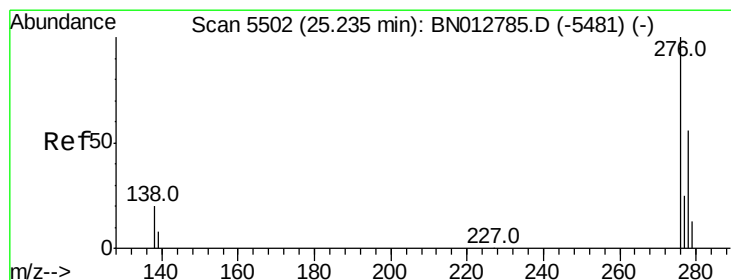
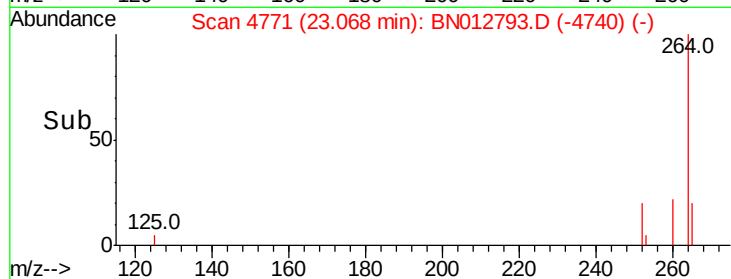
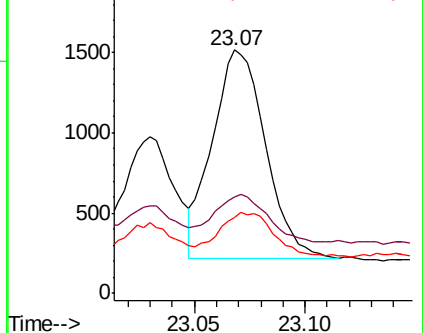
125 31.0 17.0 25.4#



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: 0.066 ng/ul

RT: 25.23 min Scan# 5502

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

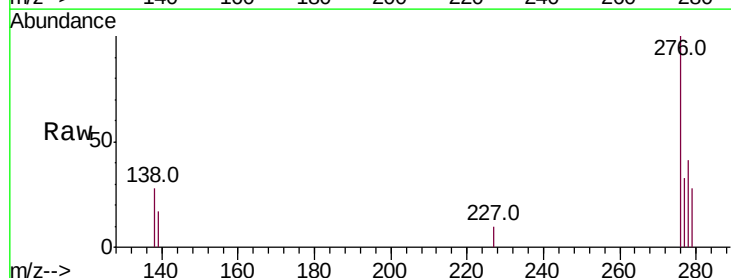
Tgt Ion:276 Resp: 1671

Ion Ratio Lower Upper

276 100

138 26.9 16.5 24.7#

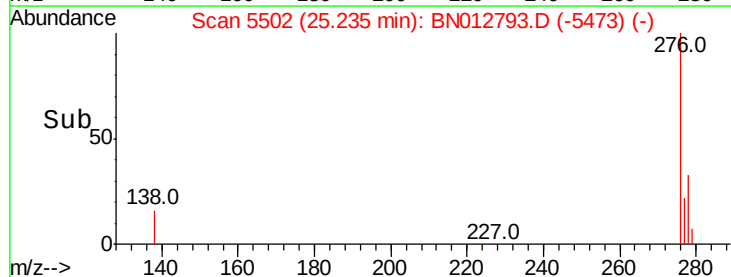
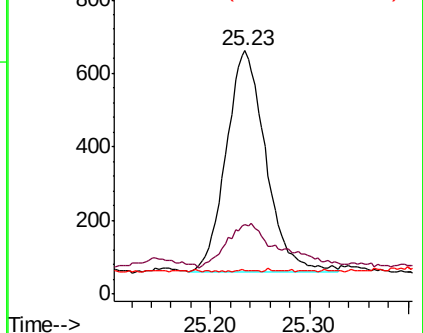
227 0.4 0.1 0.1#

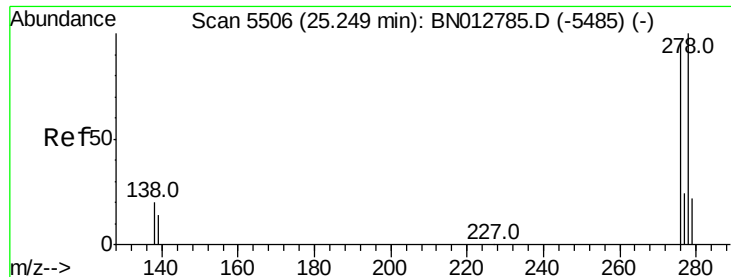


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

RT: 25.24 min Scan# 5505

Delta R.T. -0.01 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

ClientSampleId :

C0BA3

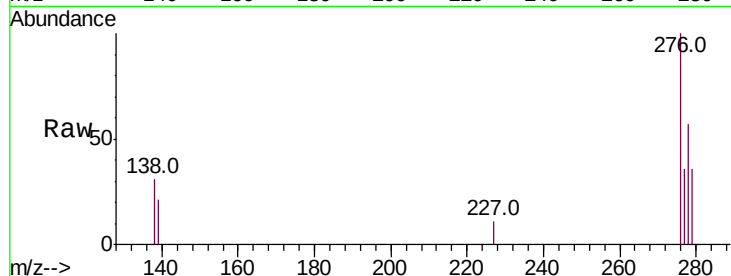
Tot Ion:278 Resp: 707

Ion Ratio Lower Upper

278 100

139 36.2 13.8 20.8#

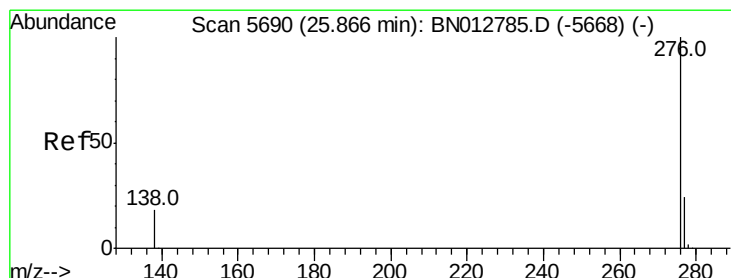
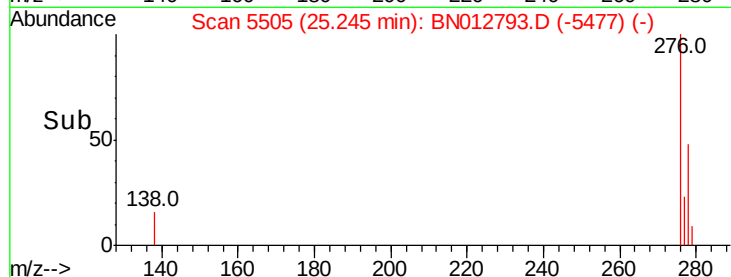
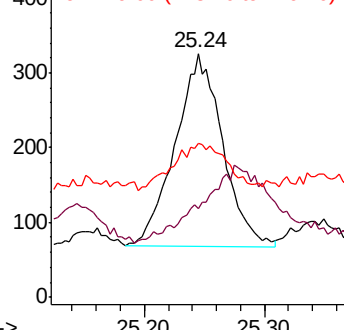
279 63.2 25.6 38.4#



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: 0.079 ng/ul

RT: 25.86 min Scan# 5689

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

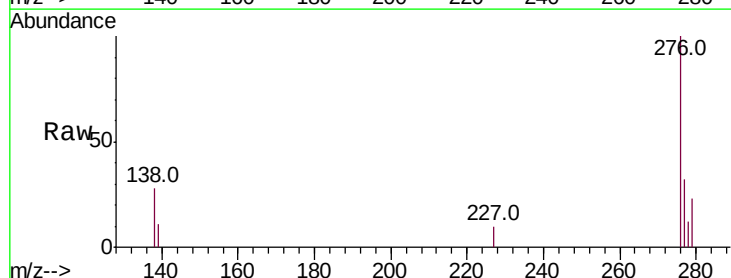
Tgt Ion:276 Resp: 1792

Ion Ratio Lower Upper

276 100

138 27.8 16.3 24.5#

277 32.2 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

