

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012857.D
 Acq On : 03 Dec 2020 21:20
 Operator : CG/JU
 Sample : L4866-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC5

Quant Time: Dec 04 00:18:38 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 : Fri Dec 04 00:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	571	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2169	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1313	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.82
16) Chrysene-d12	21.04	240	2278	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2563	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	811	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1753	0.00	ng/ul	0.00

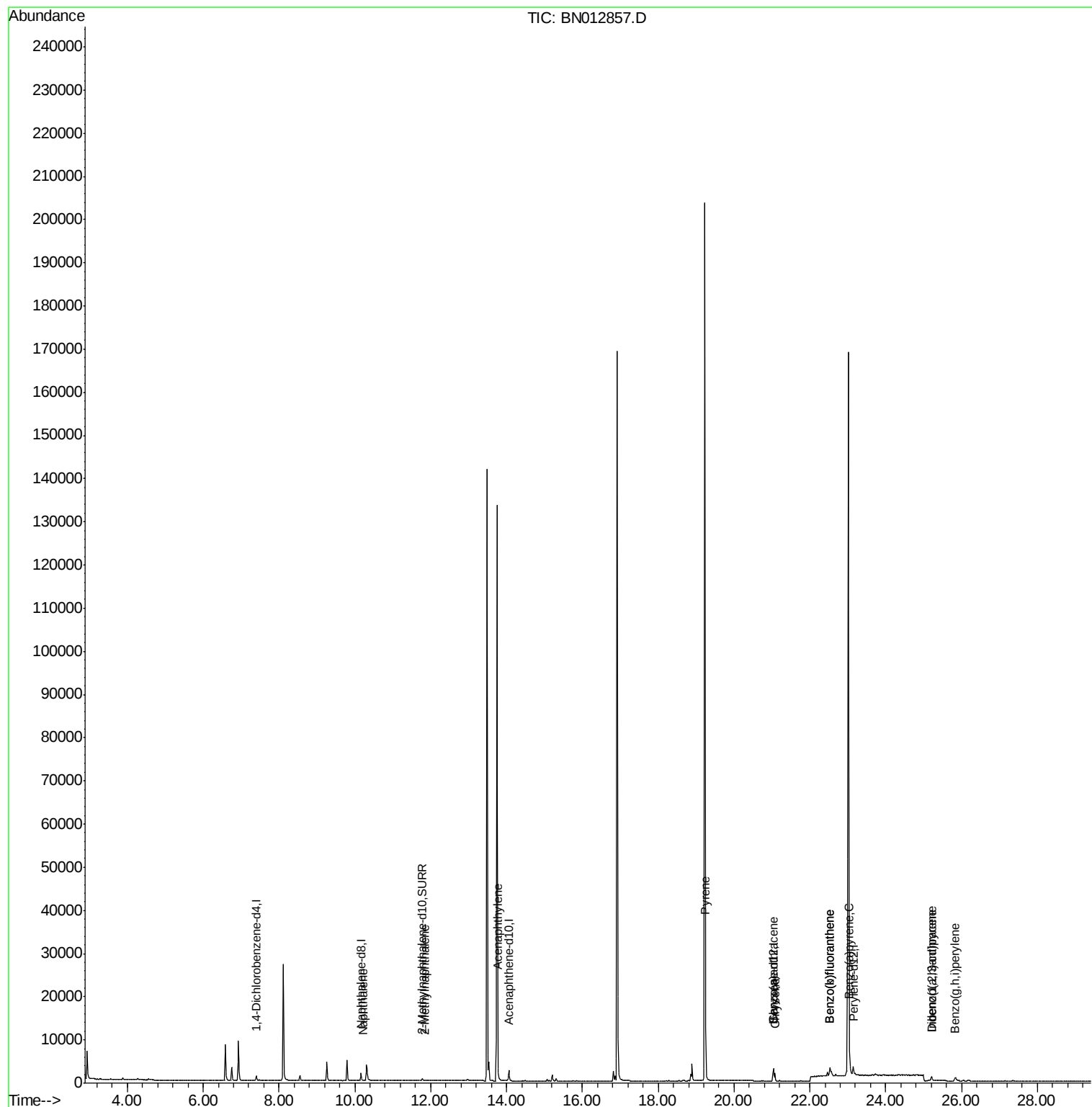
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	128	0.020	ng/ul#	34
5) 2-Methylnaphthalene	11.86	142	83	0.020	ng/ul	86
7) Acenaphthylene	13.78	152	166	0.027	ng/ul#	44
17) Pyrene	19.26	202	3906	0.363	ng/ul#	92
18) Benzo(a)anthracene	21.03	228	1554	0.165	ng/ul	97
19) Chrysene	21.08	228	2009	0.193	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	4052	0.342	ng/ul	85
22) Benzo(k)fluoranthene	22.52	252	4052	0.309	ng/ul#	85
23) Benzo(a)pyrene	23.05	252	2006	0.182	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.21	276	1535	0.106	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.21	278	345	0.030	ng/ul#	3
26) Benzo(g,h,i)perylene	25.84	276	1678	0.128	ng/ul#	85

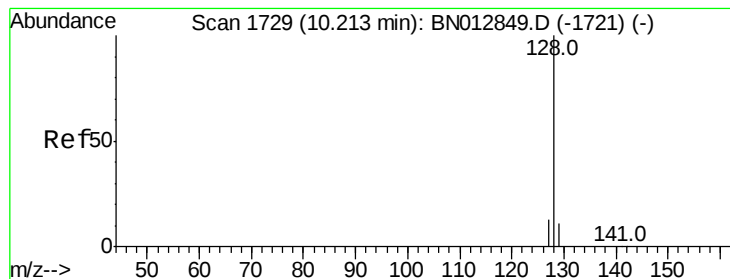
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 00:14:34 2020
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#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

ClientSampleId :

C0BC5

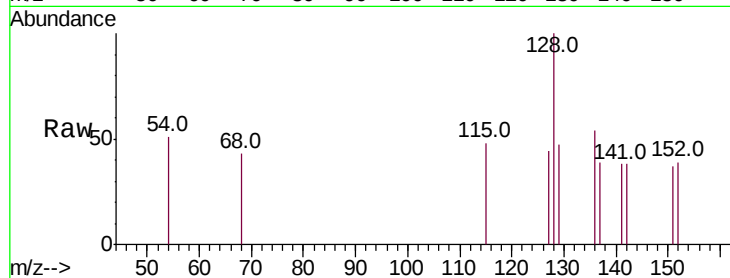
Tot Ion:128 Resp: 128

Ion Ratio Lower Upper

128 100

129 46.9 12.3 18.5#

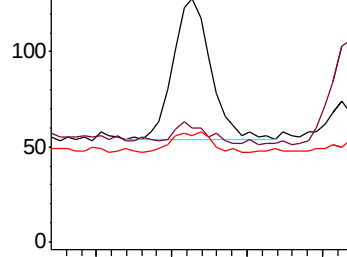
127 43.8 14.2 21.4#



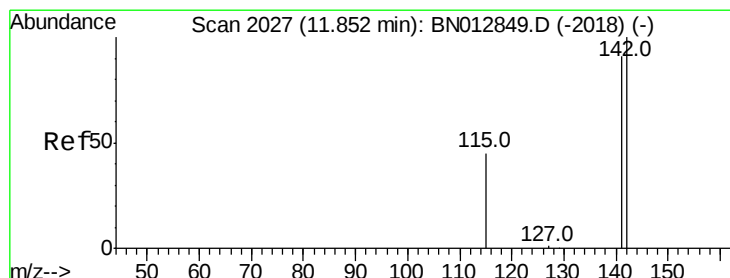
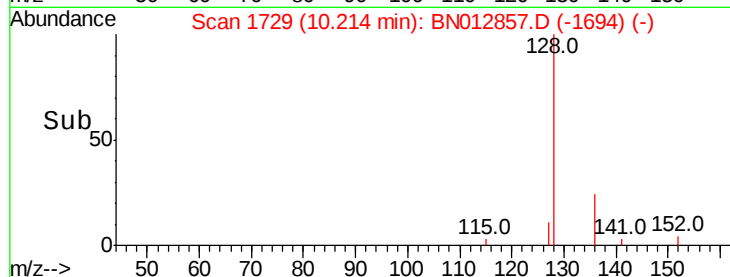
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 11.86 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BN012857.D

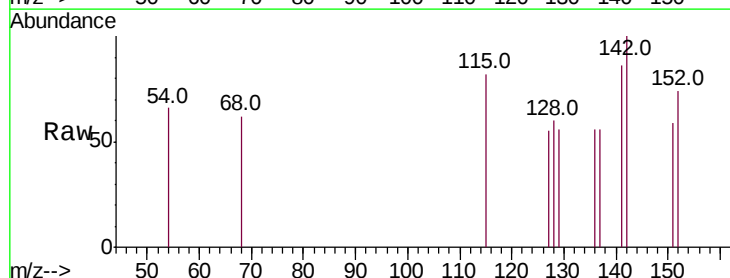
Acq: 03 Dec 2020 21:20

Tgt Ion:142 Resp: 83

Ion Ratio Lower Upper

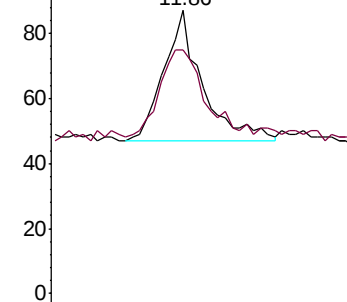
142 100

141 78.3 73.0 109.6

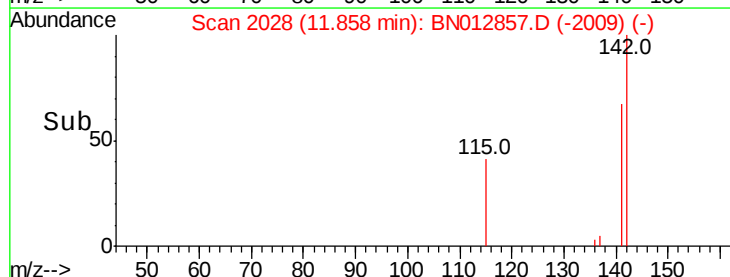


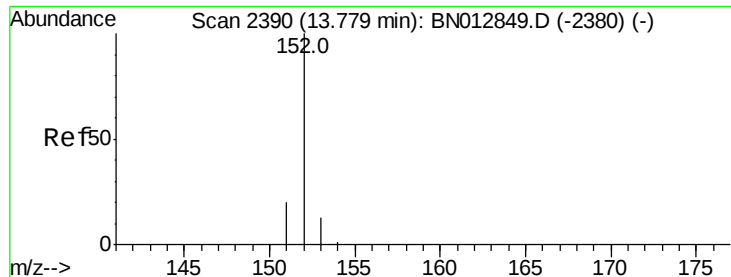
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

ClientSampleId :

C0BC5

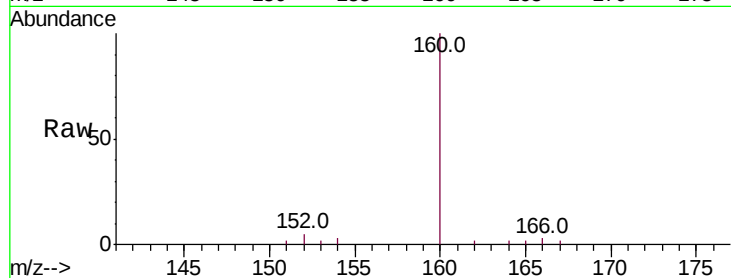
Tot Ion:152 Resp: 166

Ion Ratio Lower Upper

152 100

151 46.0 18.2 27.4#

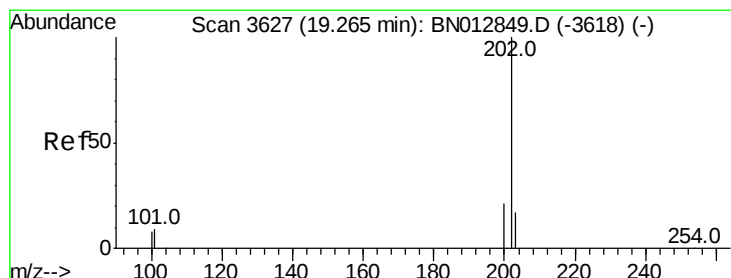
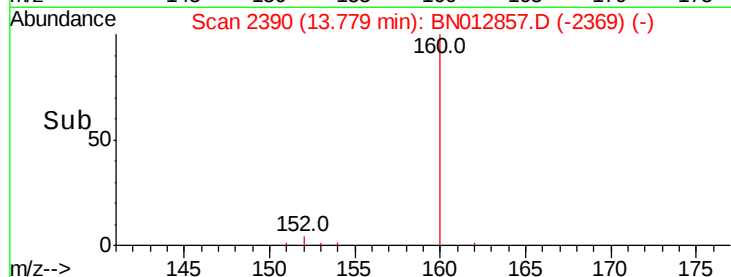
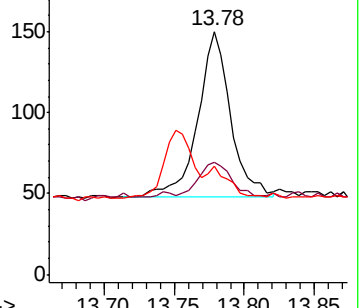
153 44.7 13.1 19.7#



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



#17

Pyrene

Concen: 0.363 ng/ul

RT: 19.26 min Scan# 3625

Delta R.T. -0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

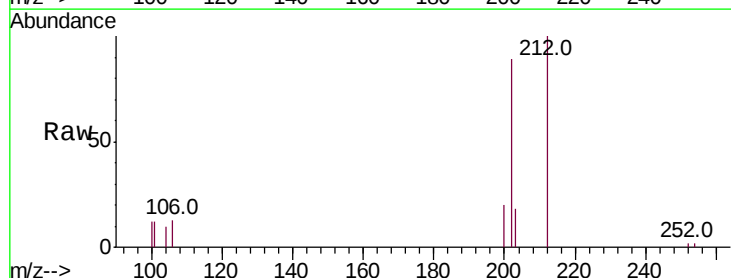
Tgt Ion:202 Resp: 3906

Ion Ratio Lower Upper

202 100

101 13.5 9.1 13.7

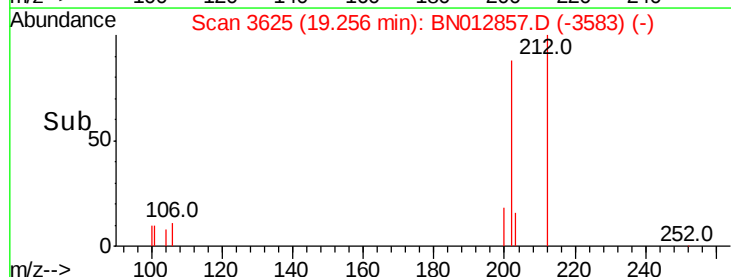
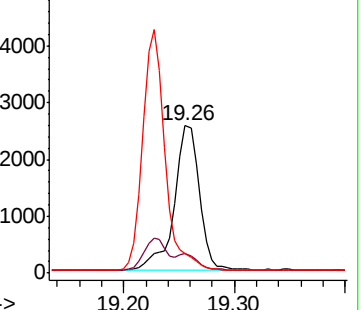
100 13.3 7.5 11.3#

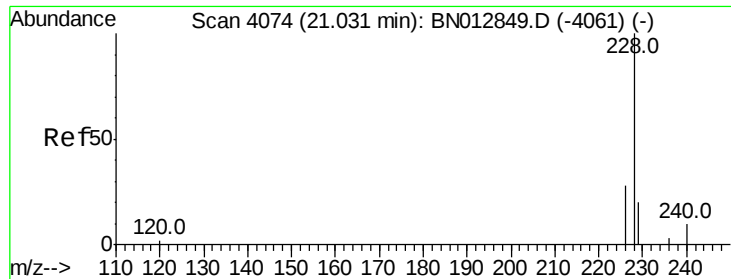


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.165 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. 0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

ClientSampleId :

C0BC5

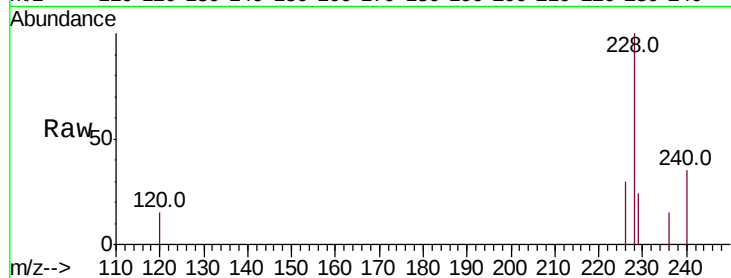
Tot Ion:228 Resp: 1554

Ion Ratio Lower Upper

228 100

229 23.7 16.3 24.5

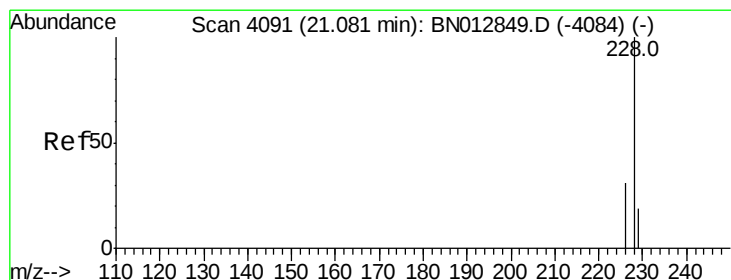
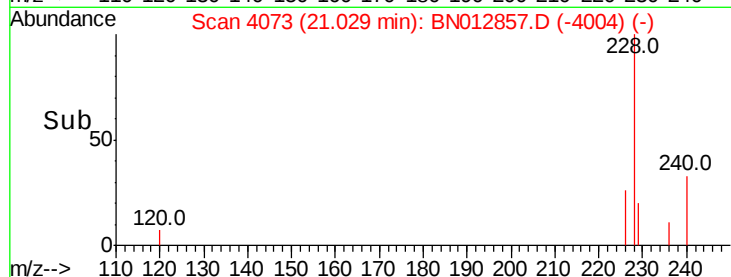
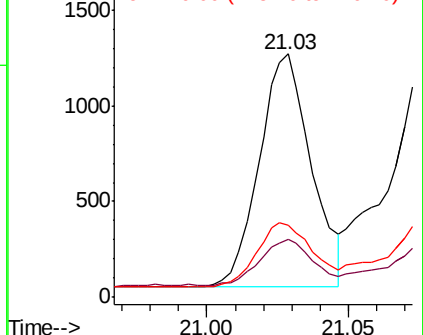
226 29.5 23.4 35.2



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: 0.193 ng/ul

RT: 21.08 min Scan# 4090

Delta R.T. 0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

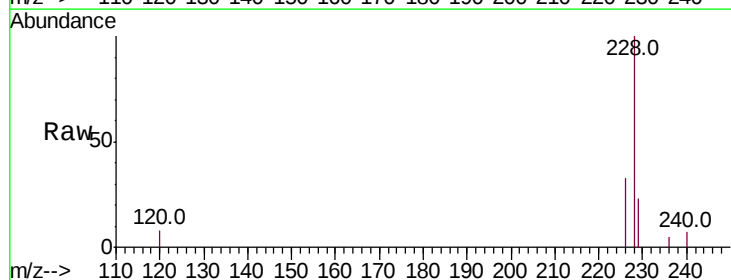
Tgt Ion:228 Resp: 2009

Ion Ratio Lower Upper

228 100

226 32.8 25.0 37.6

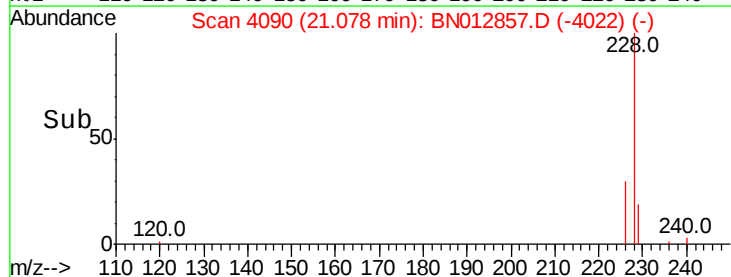
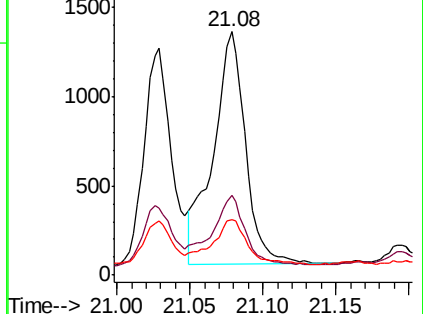
229 22.5 16.4 24.6

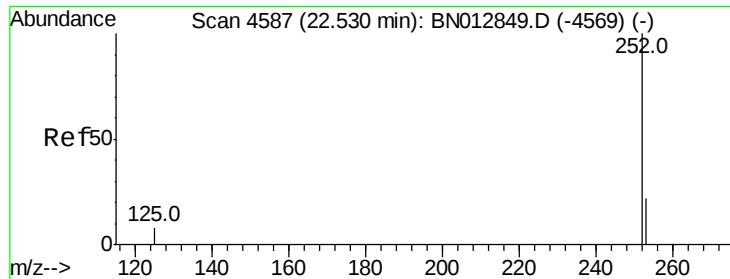


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.342 ng/ul

RT: 22.52 min Scan# 4585

Delta R.T. 0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

ClientSampleId :

C0BC5

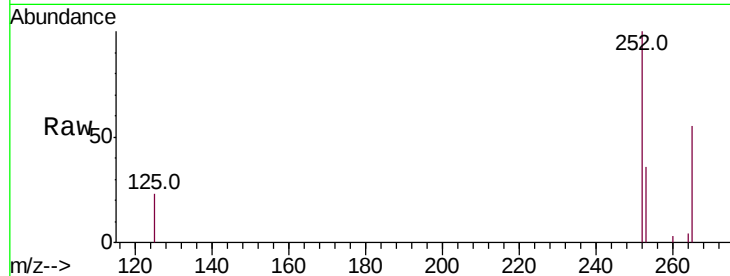
Tot Ion:252 Resp: 4052

Ion Ratio Lower Upper

252 100

253 35.8 0.0 59.6

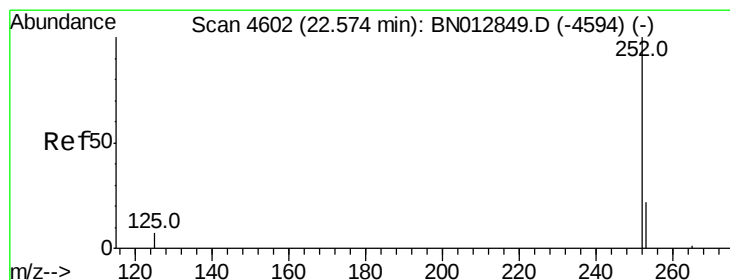
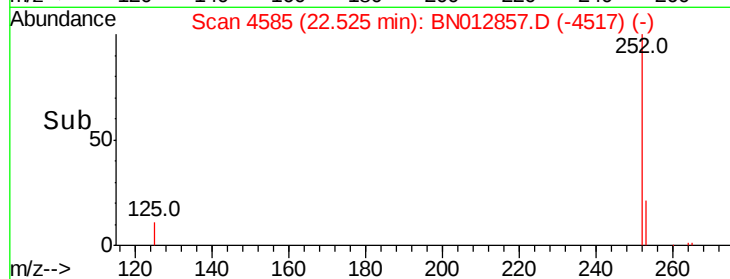
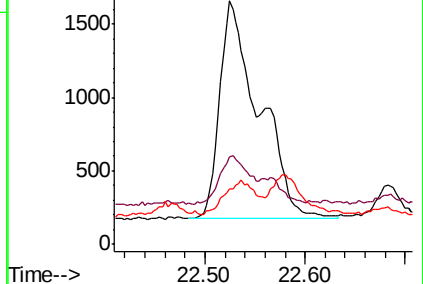
125 22.7 0.0 26.0



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: 0.309 ng/ul

RT: 22.52 min Scan# 4585

Delta R.T. -0.04 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

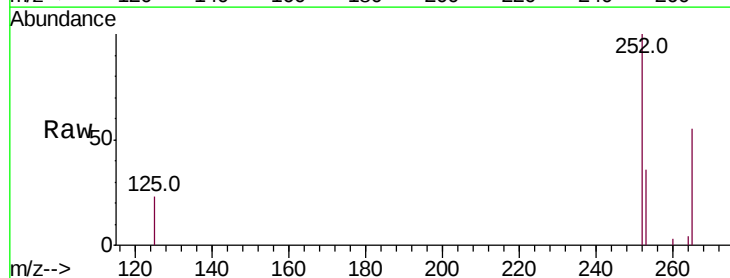
Tgt Ion:252 Resp: 4052

Ion Ratio Lower Upper

252 100

253 35.8 23.4 35.2#

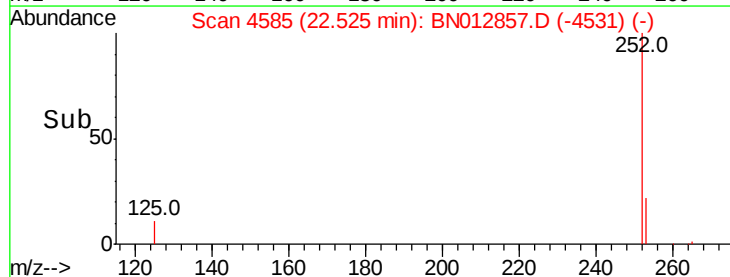
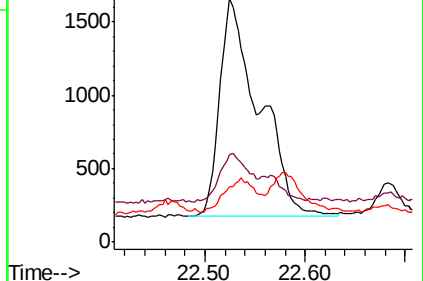
125 22.7 11.1 16.7#

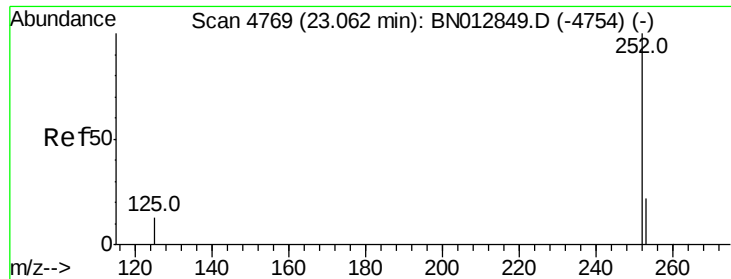


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.182 ng/u1

RT: 23.05 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

ClientSampleId :

C0BC5

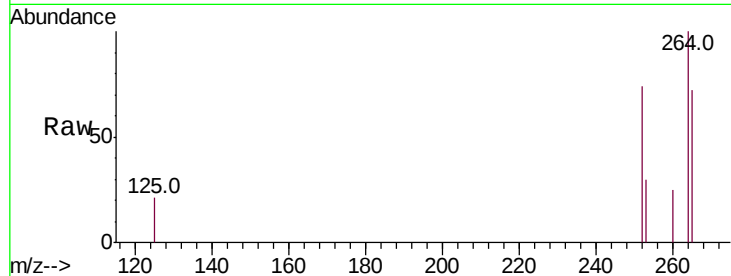
Tot Ion:252 Resp: 2006

Ion Ratio Lower Upper

252 100

253 41.1 26.5 39.7#

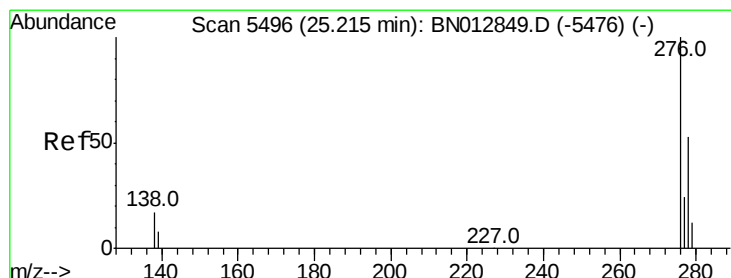
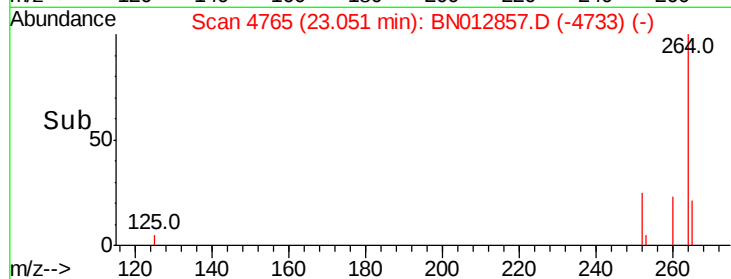
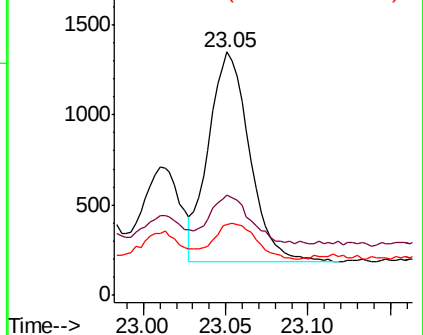
125 28.9 14.2 21.2#



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: 0.106 ng/u1

RT: 25.21 min Scan# 5494

Delta R.T. -0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

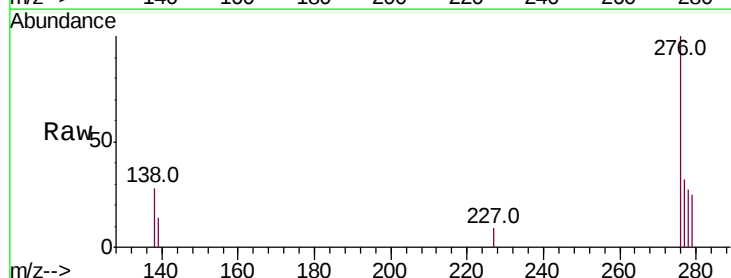
Tgt Ion:276 Resp: 1535

Ion Ratio Lower Upper

276 100

138 23.4 16.2 24.2

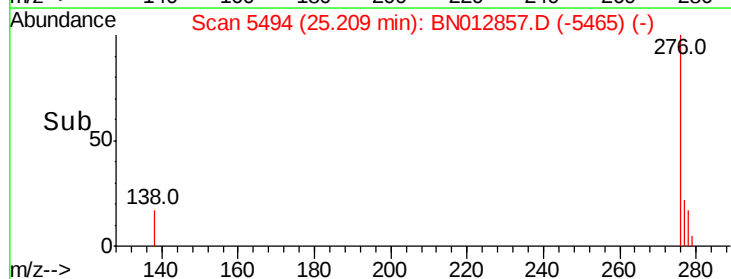
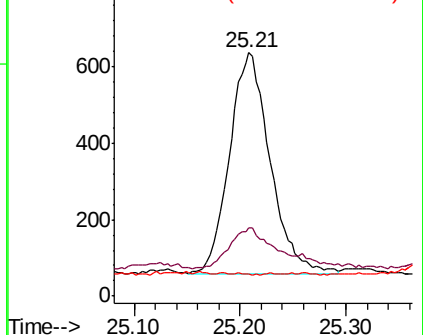
227 0.1 0.0 0.0#

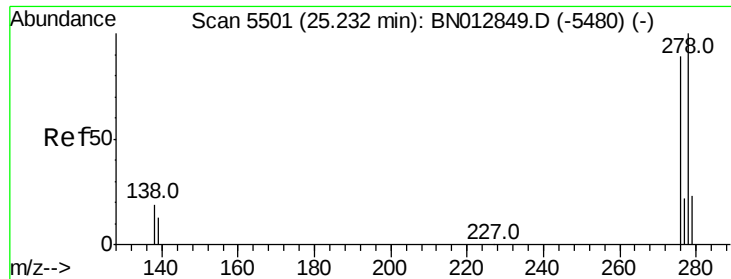


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.030 ng/ul

RT: 25.21 min Scan# 5494

Delta R.T. -0.02 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

ClientSampleId :

C0BC5

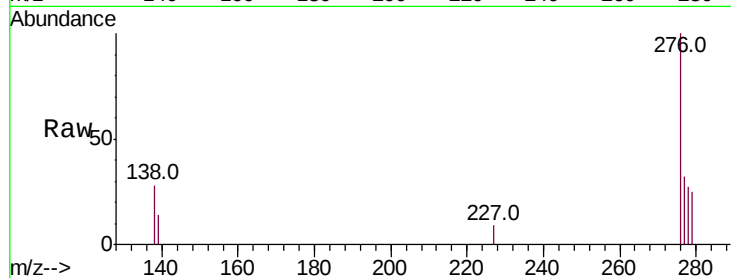
Tot Ion:278 Resp: 345

Ion Ratio Lower Upper

278 100

139 52.0 14.5 21.7#

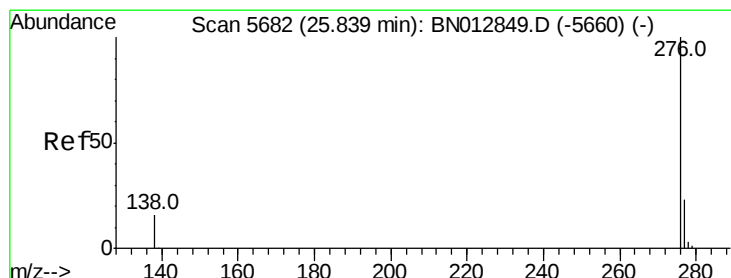
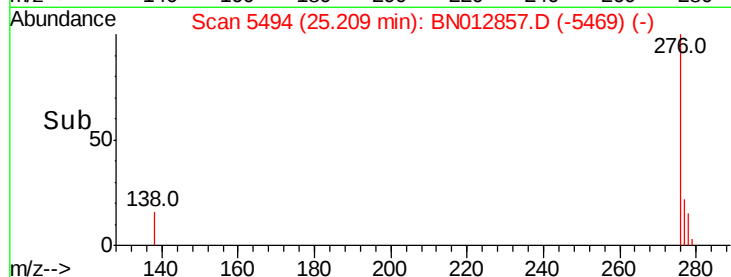
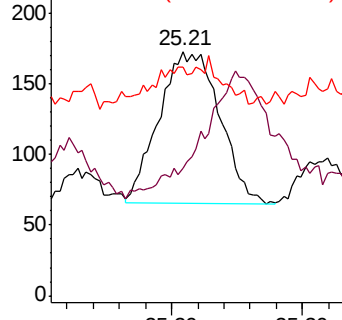
279 93.6 26.3 39.5#



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(g,h,i)perylene

Concen: 0.128 ng/ul

RT: 25.84 min Scan# 5681

Delta R.T. 0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

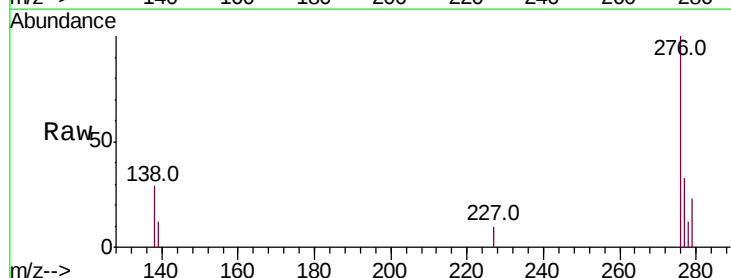
Tgt Ion:276 Resp: 1678

Ion Ratio Lower Upper

276 100

138 28.7 16.3 24.5#

277 33.4 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

