

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012829.D
 Acq On : 02 Dec 2020 21:21
 Operator : CG/JU
 Sample : L4793-15DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B42DL

Quant Time: Dec 03 00:45:36 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 : Thu Dec 03 00:42:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	779	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2961	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1711	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3586	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3032	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	3045	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	101	0.02	ng/ul	0.02
14) Fluoranthene-d10	18.87	212	253	0.03	ng/ul	0.00

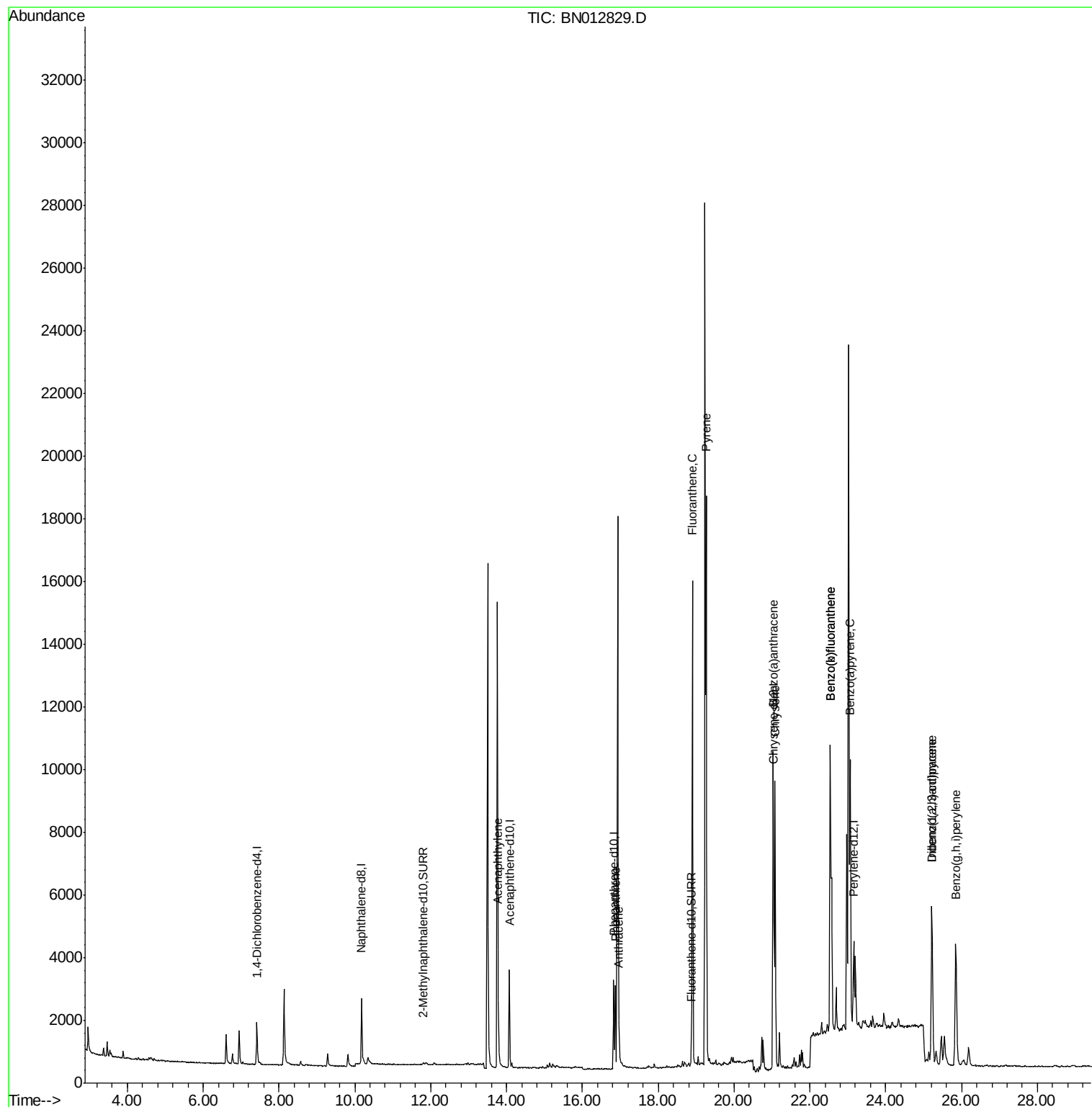
Target Compounds				Ovalue		
7) Acenaphthylene	13.79	152	661	0.079	ng/ul#	84
12) Phenanthrene	16.87	178	2810	0.225	ng/ul	100
13) Anthracene	16.97	178	814	0.075	ng/ul#	89
15) Fluoranthene	18.90	202	13679	0.950	ng/ul	95
17) Pyrene	19.26	202	15418	1.137	ng/ul	100
18) Benzo(a)anthracene	21.03	228	8275	0.762	ng/ul	100
19) Chrysene	21.08	228	9299	0.685	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	19699	1.406	ng/ul	93
22) Benzo(k)fluoranthene	22.54	252	19699	1.219	ng/ul	94
23) Benzo(a)pyrene	23.06	252	10494	0.796	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.22	276	7767	0.451	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.23	278	1927	0.139	ng/ul#	85
26) Benzo(g,h,i)perylene	25.85	276	7661	0.494	ng/ul	98

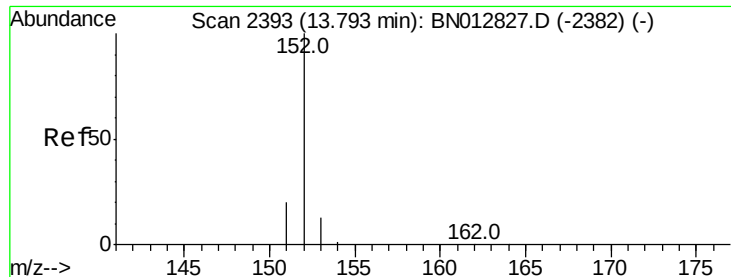
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 00:45:36 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 : Thu Dec 03 00:42:46 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0B42DL

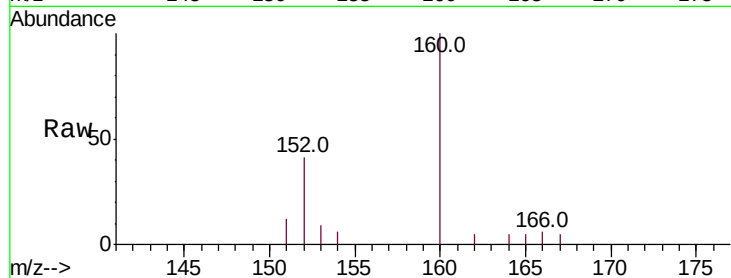
Tot Ion:152 Resp: 661

Ion Ratio Lower Upper

152 100

151 29.4 17.1 25.7#

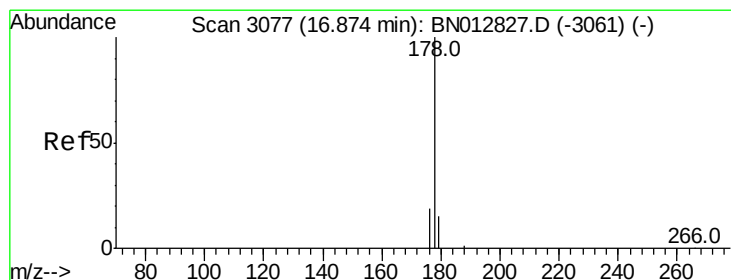
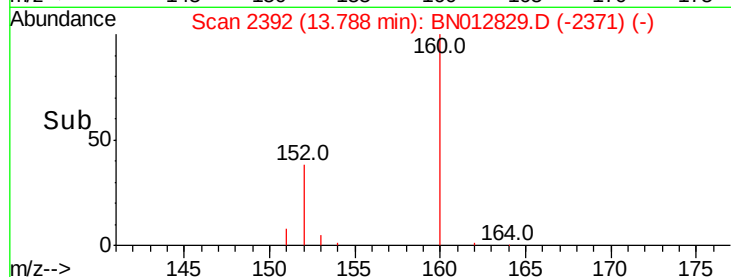
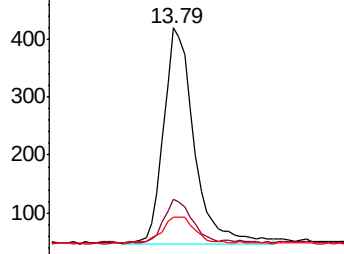
153 22.4 12.6 19.0#



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



#12

Phenanthrene

Concen: 0.225 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

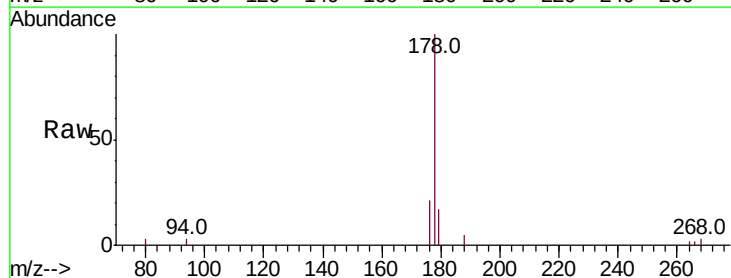
Tgt Ion:178 Resp: 2810

Ion Ratio Lower Upper

178 100

179 17.2 13.8 20.6

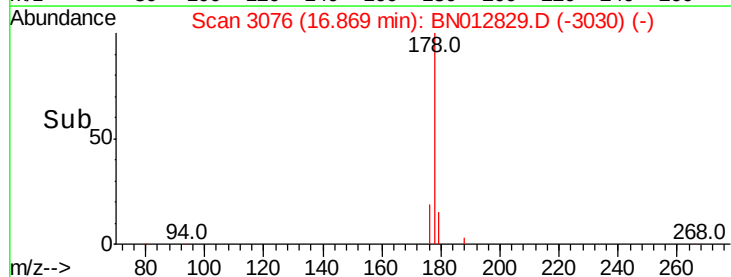
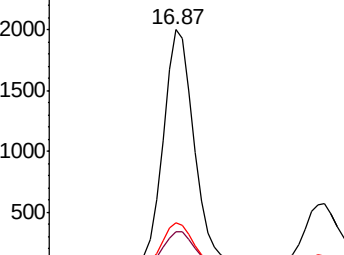
176 20.6 16.7 25.1

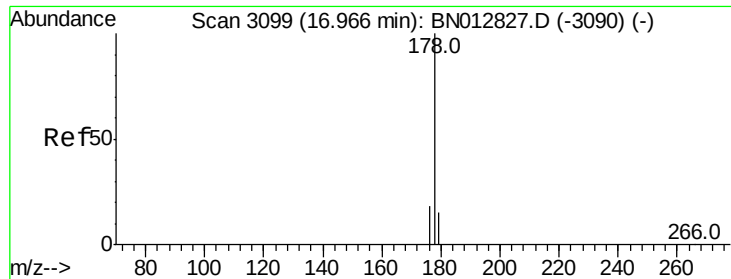


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.075 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0B42DL

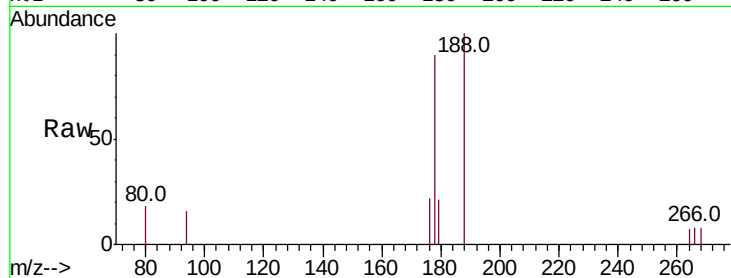
Tot Ion:178 Resp: 814

Ion Ratio Lower Upper

178 100

179 24.0 14.8 22.2#

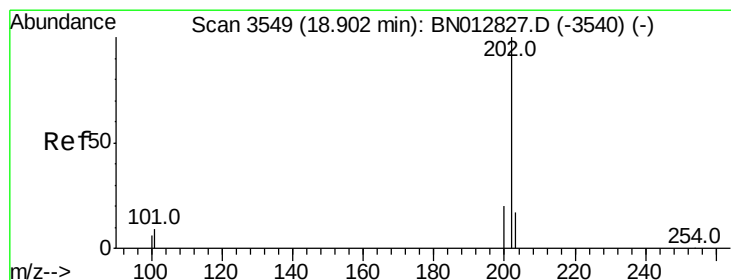
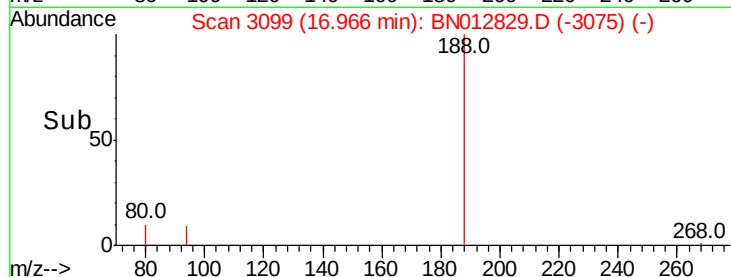
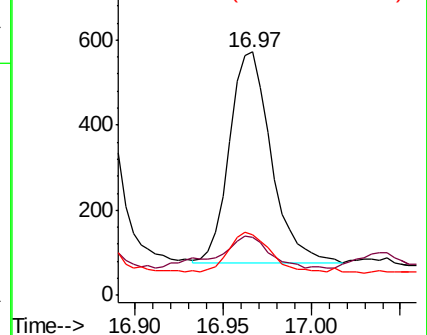
176 25.0 16.3 24.5#



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: 0.950 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

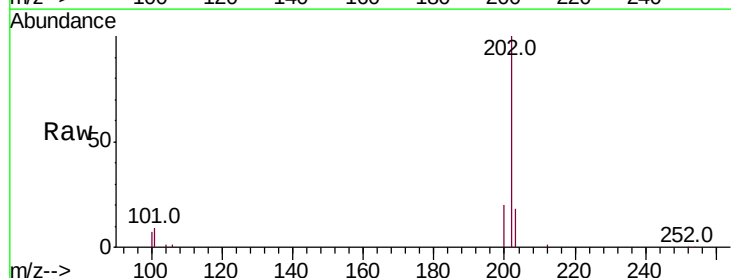
Tgt Ion:202 Resp: 13679

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.5

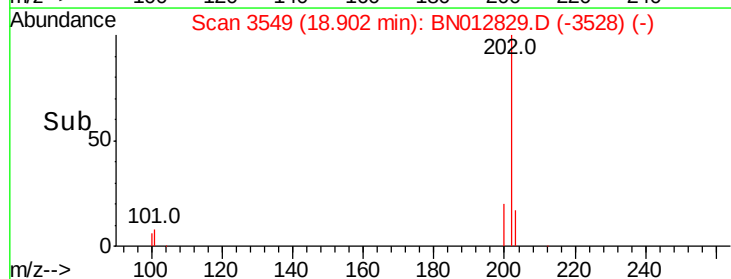
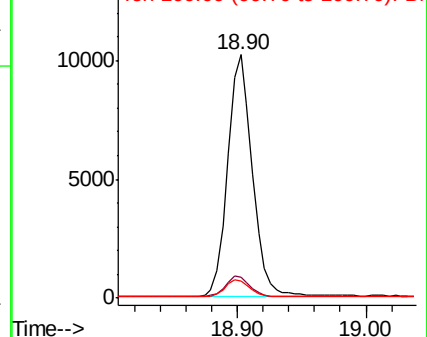
100 6.9 0.0 28.4

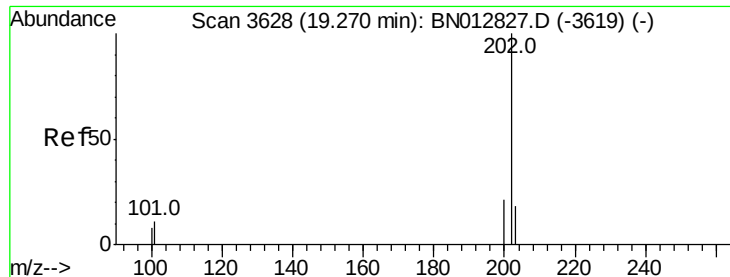


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

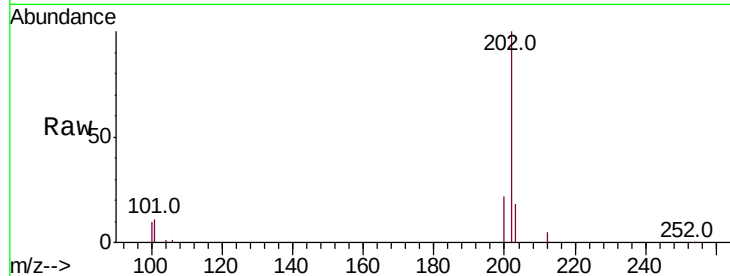




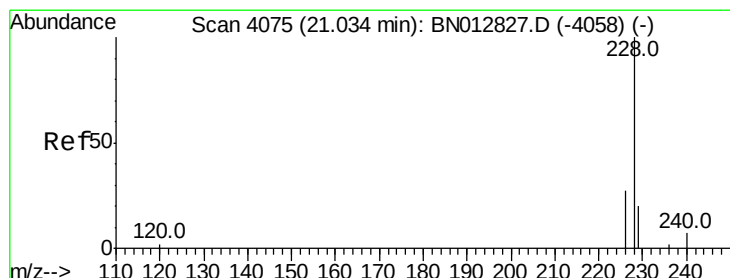
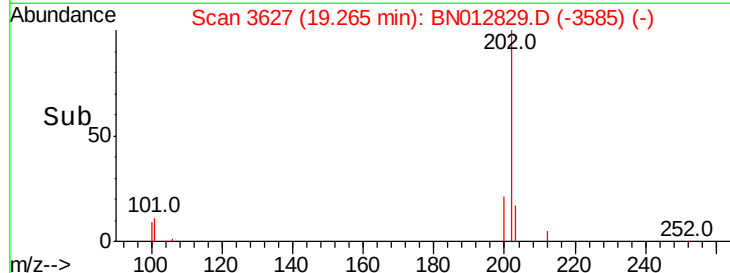
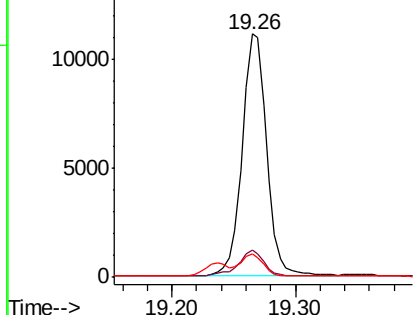
#17
Pvrene
Concen: 1.137 ng/ul
RT: 19.26 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Instrument :
BNA_N
ClientSampleId :
C0B42DL

Tot Ion:202 Resp: 15418
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 9.5 7.4 11.2

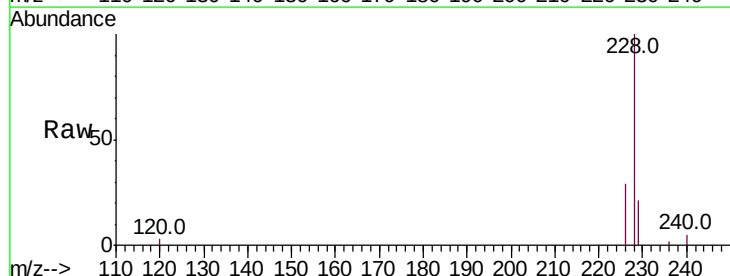


Abundance Ion 202.00 (201.70 to 202.70): E
15000 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

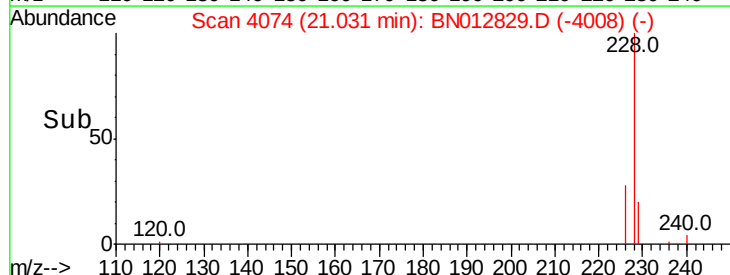
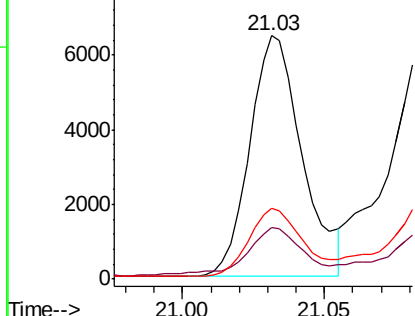


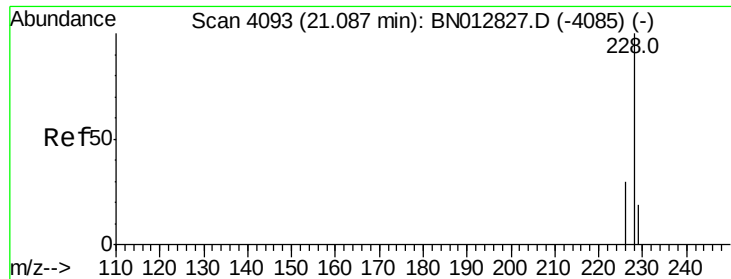
#18
Benzo(a)anthracene
Concen: 0.762 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Tgt Ion:228 Resp: 8275
Ion Ratio Lower Upper
228 100
229 21.2 16.9 25.3
226 28.9 23.1 34.7



Abundance Ion 228.00 (227.70 to 228.70): E
8000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.685 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0B42DL

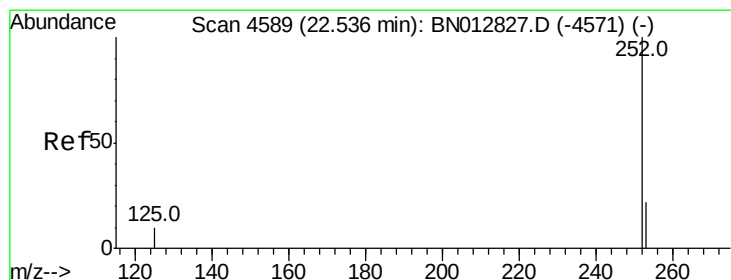
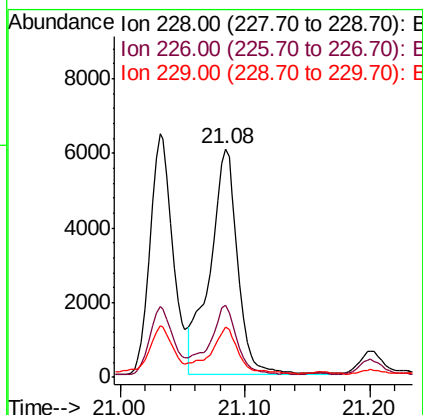
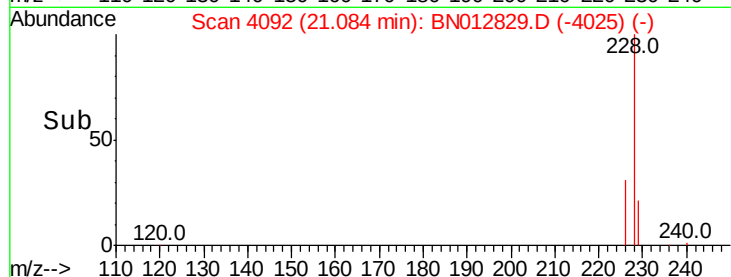
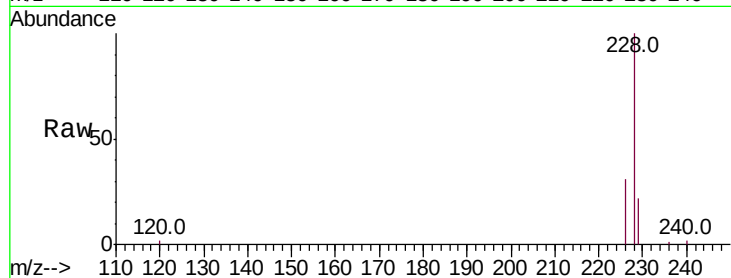
Tot Ion:228 Resp: 9299

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 21.8 16.1 24.1



#21

Benzo(b)fluoranthene

Concen: 1.406 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

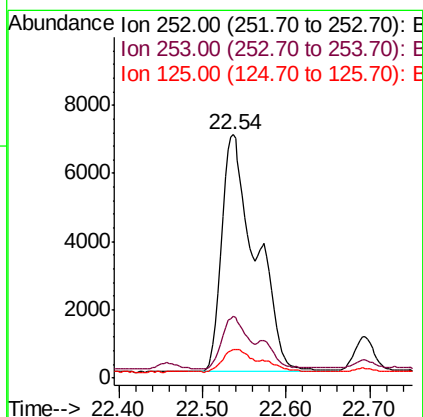
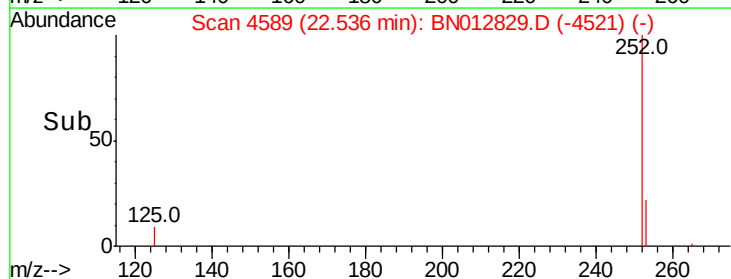
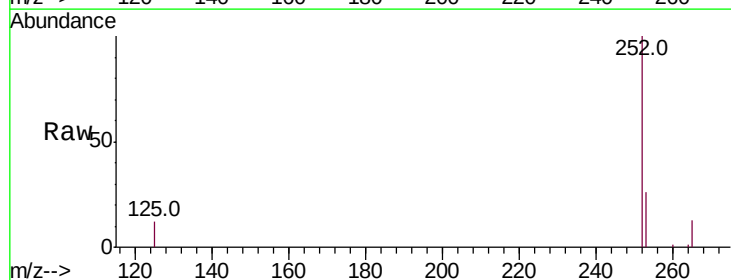
Tgt Ion:252 Resp: 19699

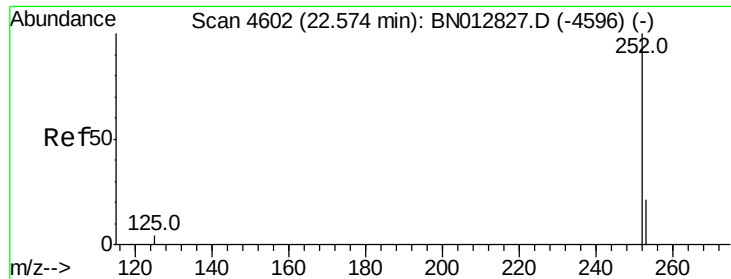
Ion Ratio Lower Upper

252 100

253 25.5 0.0 58.4

125 11.5 0.0 28.6





#22

Benzo(k)fluoranthene

Concen: 1.219 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.04 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0B42DL

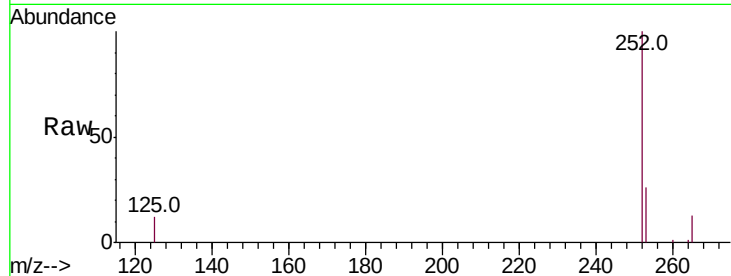
Tot Ion:252 Resp: 19699

Ion Ratio Lower Upper

252 100

253 25.5 23.4 35.2

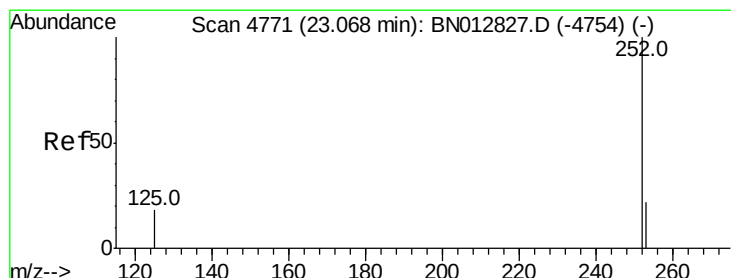
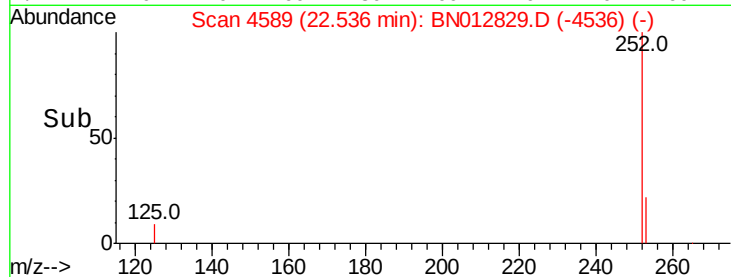
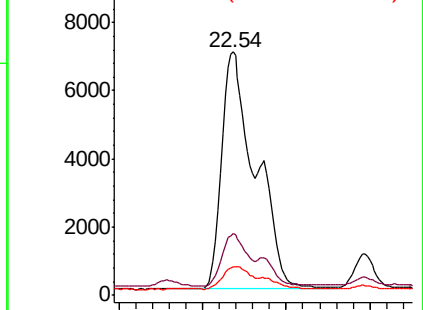
125 11.5 10.2 15.2



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: 0.796 ng/ul

RT: 23.06 min Scan# 4769

Delta R.T. -0.01 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

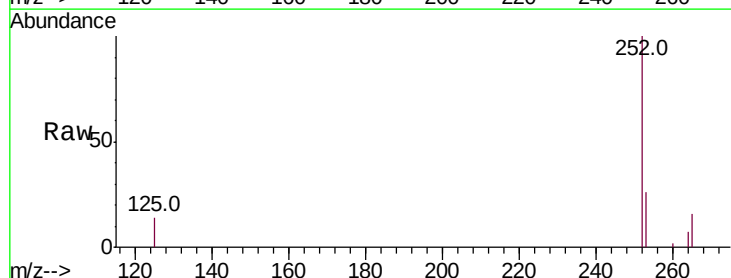
Tgt Ion:252 Resp: 10494

Ion Ratio Lower Upper

252 100

253 26.1 27.6 41.4#

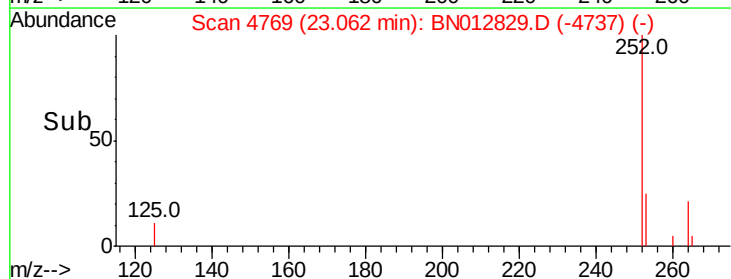
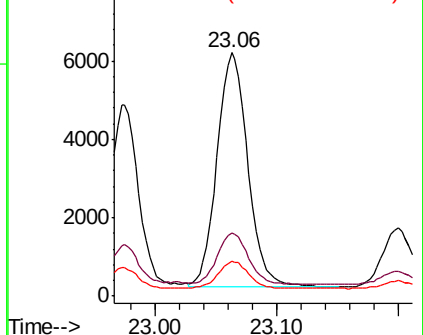
125 14.2 17.0 25.4#

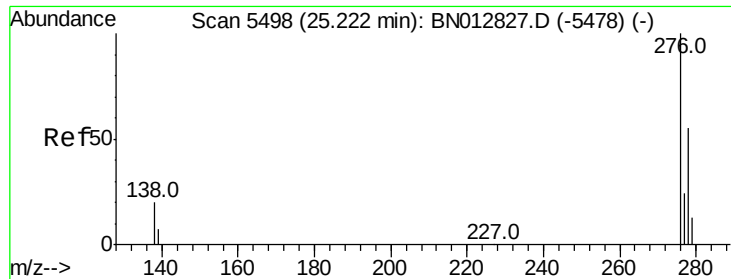


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



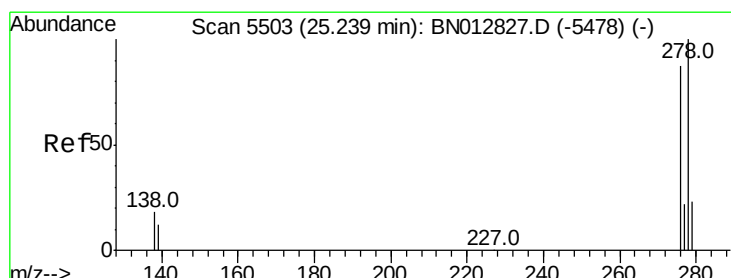
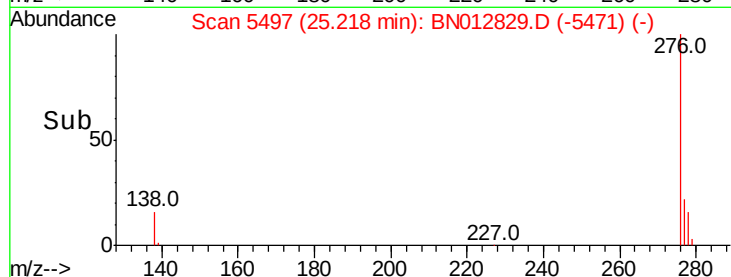
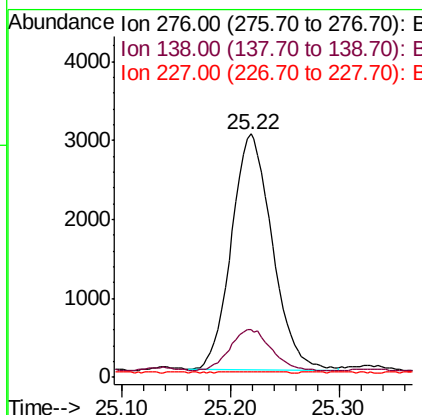
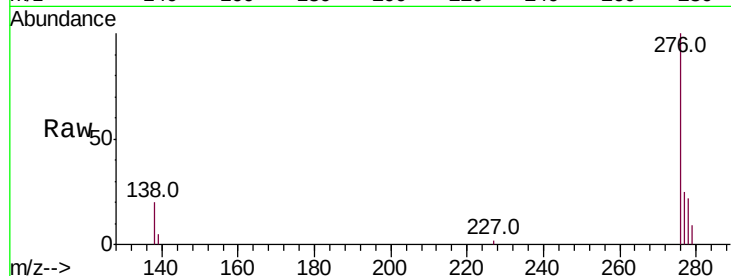


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 25.22 min Scan# 5497
Delta R.T. -0.01 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Instrument :
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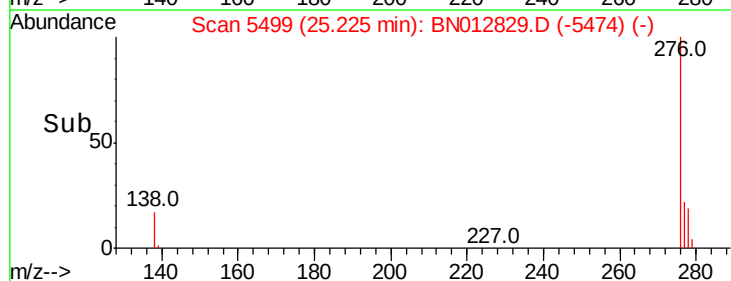
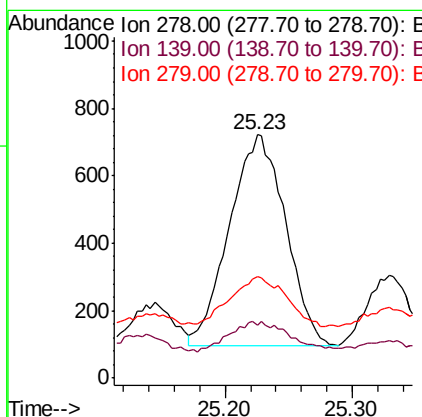
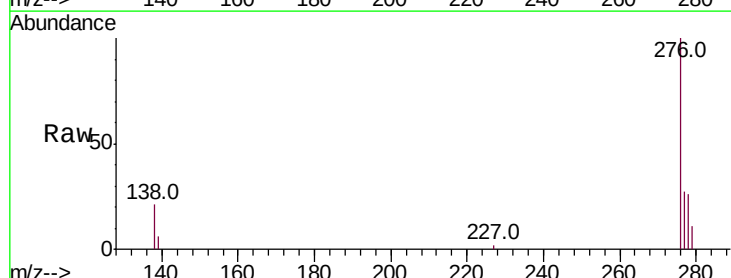
Tot Ion:276 Resp: 7767
Ion Ratio Lower Upper
276 100
138 17.7 16.5 24.7
227 0.2 0.1 0.1#

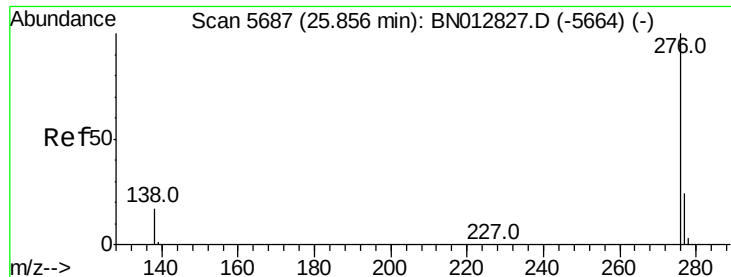


#25

Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 25.23 min Scan# 5499
Delta R.T. -0.02 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Tgt Ion:278 Resp: 1927
Ion Ratio Lower Upper
278 100
139 21.9 13.8 20.8#
279 41.8 25.6 38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.494 ng/ul

RT: 25.85 min Scan# 5685

Delta R.T. -0.01 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0B42DL

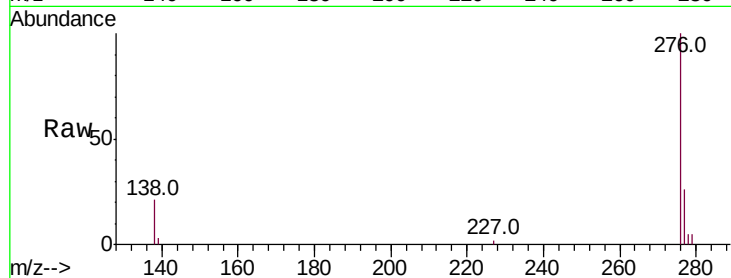
Tot Ion:276 Resp: 7661

Ion Ratio Lower Upper

276 100

138 21.0 16.3 24.5

277 26.0 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

