

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012827.D
 Acq On : 02 Dec 2020 19:32
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.419

Quant Time: Dec 03 00:19:33 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 12:19:27 2020
 Response via : Initial Calibration

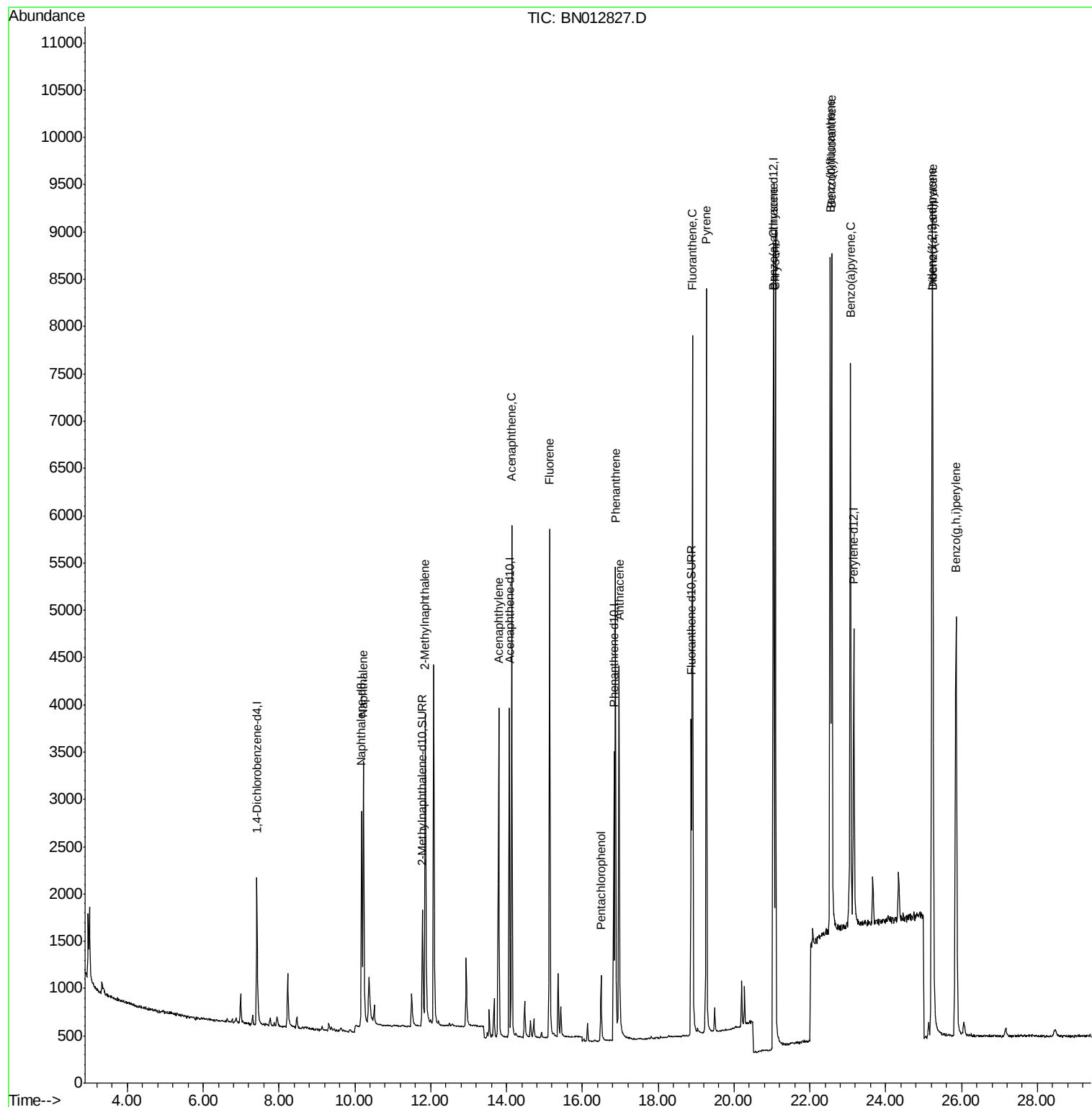
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	823	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3342	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1908	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3888	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3640	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3805	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	2038	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	3922	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.23	128	4187	0.416	ng/ul	97
5) 2-Methylnaphthalene	11.86	142	2926	0.456	ng/ul	99
7) Acenaphthylene	13.79	152	4148	0.446	ng/ul	99
8) Acenaphthene	14.14	153	3206	0.409	ng/ul	99
9) Fluorene	15.13	166	3550	0.412	ng/ul	99
11) Pentachlorophenol	16.49	266	573	0.464	ng/ul	96
12) Phenanthrene	16.87	178	5542	0.410	ng/ul	98
13) Anthracene	16.97	178	5028	0.428	ng/ul	98
15) Fluoranthene	18.90	202	6907	0.442	ng/ul	99
17) Pyrene	19.27	202	7104	0.436	ng/ul	99
18) Benzo(a)anthracene	21.03	228	7078	0.543	ng/ul	98
19) Chrysene	21.09	228	8097	0.497	ng/ul	100
21) Benzo(b)fluoranthene	22.54	252	8505	0.486	ng/ul	94
22) Benzo(k)fluoranthene	22.57	252	8969	0.444	ng/ul	94
23) Benzo(a)pyrene	23.07	252	7942	0.482	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.22	276	10528	0.489	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.24	278	8407	0.486	ng/ul	92
26) Benzo(g,h,i)perylene	25.86	276	8962	0.462	ng/ul	96

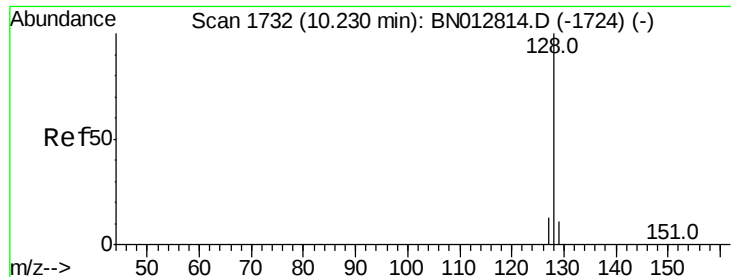
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN012827.D
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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Dec 03 00:19:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.416 ng/ul

RT: 10.23 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.419

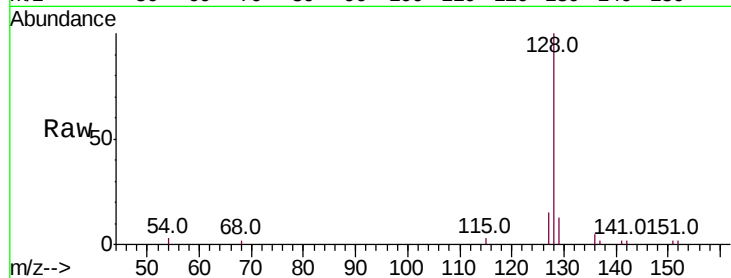
Tot Ion:128 Resp: 4187

Ion Ratio Lower Upper

128 100

129 12.8 11.2 16.8

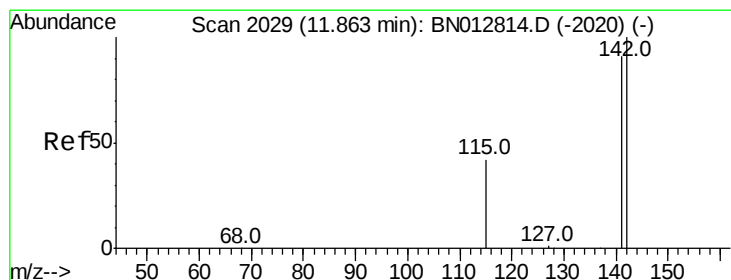
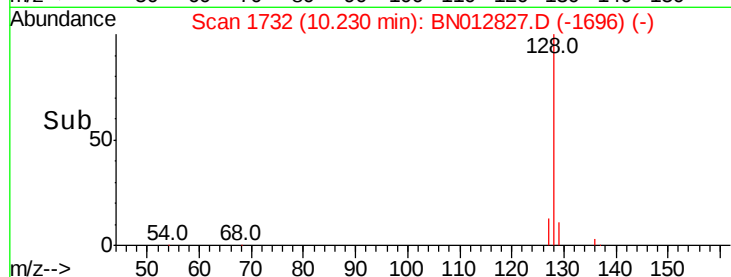
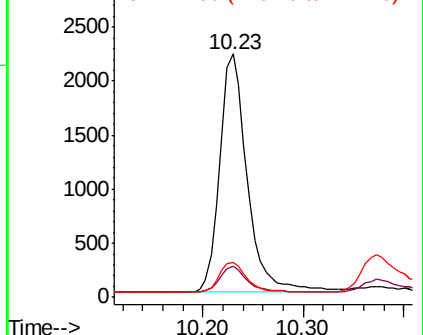
127 14.6 12.5 18.7



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: 0.456 ng/ul

RT: 11.86 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BN012827.D

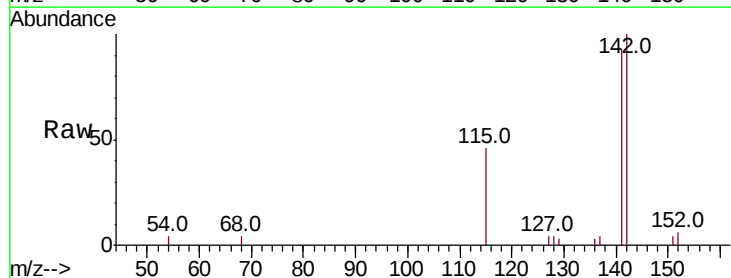
Acq: 02 Dec 2020 19:32

Tgt Ion:142 Resp: 2926

Ion Ratio Lower Upper

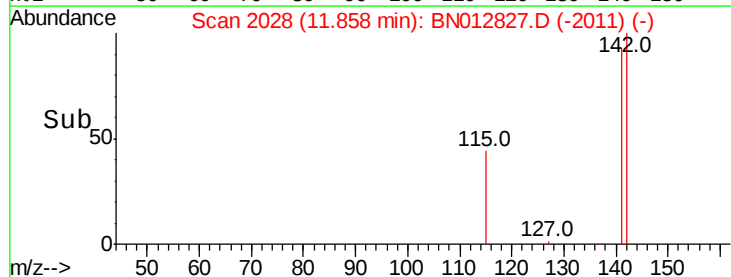
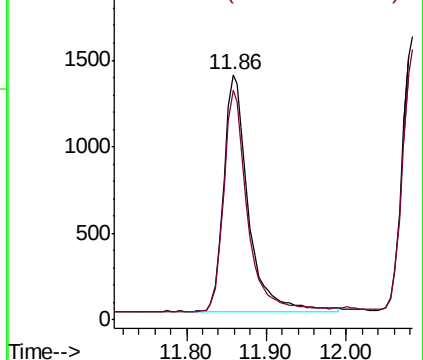
142 100

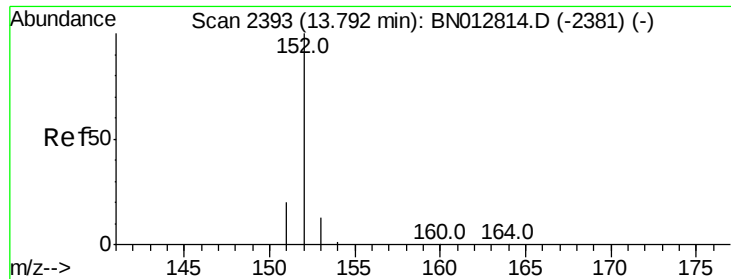
141 91.5 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.446 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

Instrument :

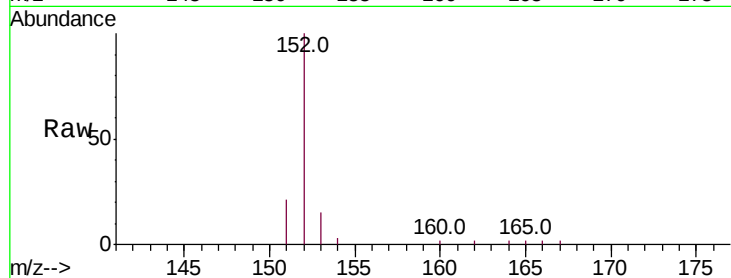
BNA_N

ClientSampleId :

SSTD0.419

Tot Ion:152 Resp: 4148

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.1	25.7
153	14.8	12.6	19.0

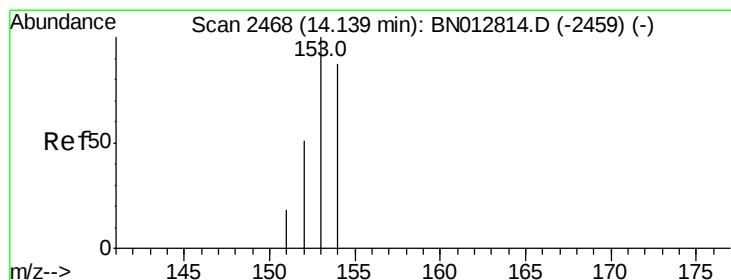
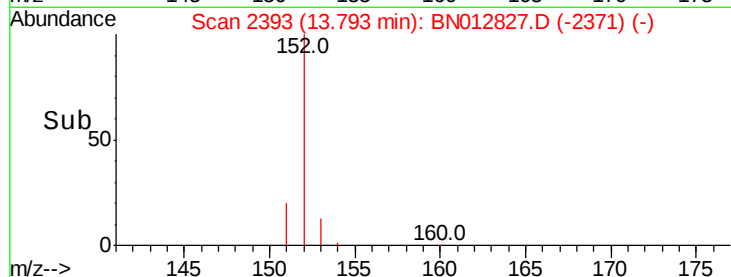
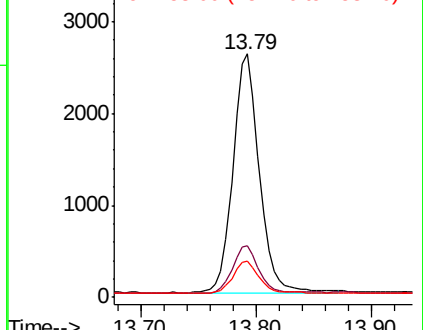


Abundance

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: 0.409 ng/ul

RT: 14.14 min Scan# 2468

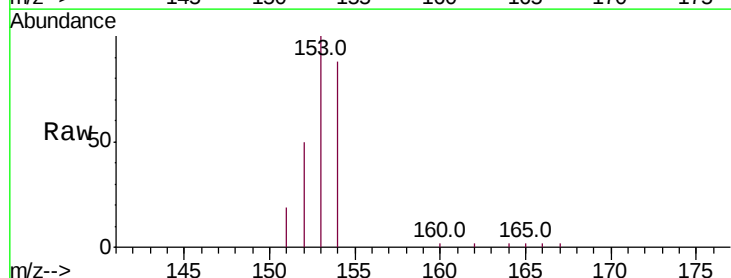
Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

Tgt Ion:153 Resp: 3206

Ion	Ratio	Lower	Upper
153	100		
152	50.1	41.4	62.0
154	88.1	70.9	106.3

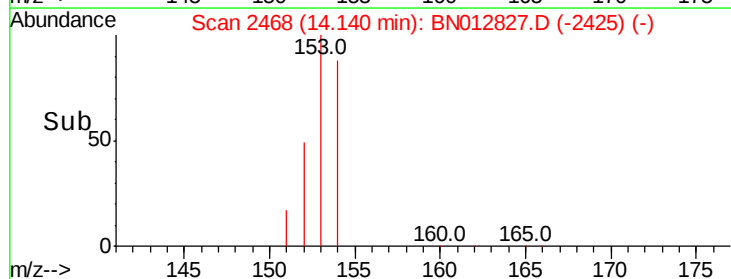
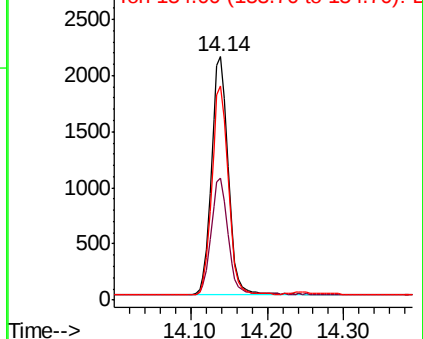


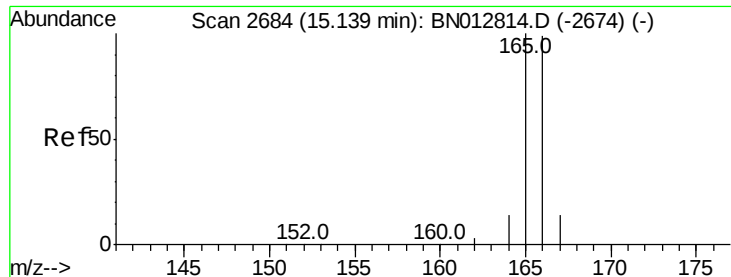
Abundance

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: 0.412 ng/ul

RT: 15.13 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.419

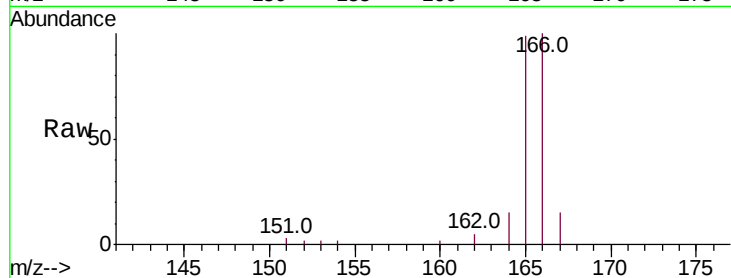
Tot Ion:166 Resp: 3550

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

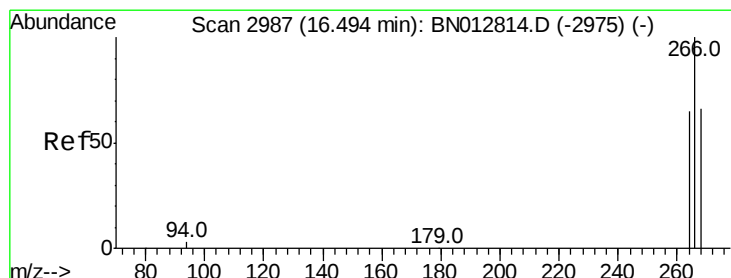
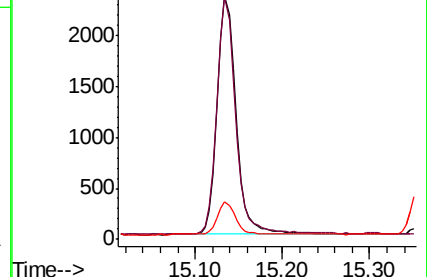
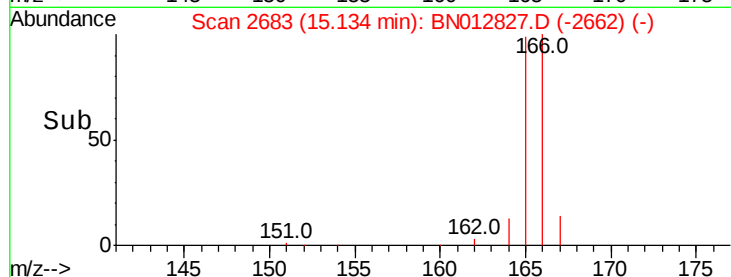
167 15.2 12.7 19.1



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



#11

Pentachlorophenol

Concen: 0.464 ng/ul

RT: 16.49 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

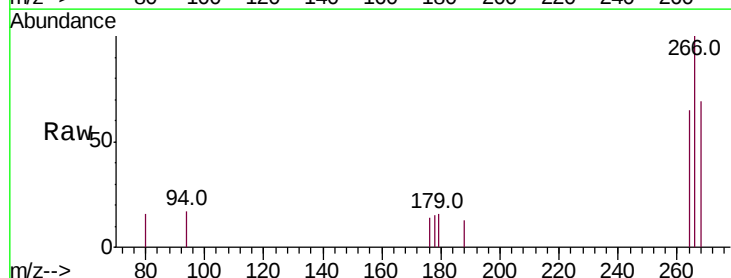
Tgt Ion:266 Resp: 573

Ion Ratio Lower Upper

266 100

264 61.1 51.0 76.6

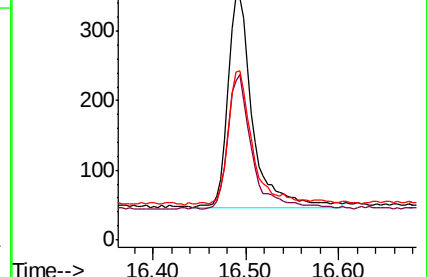
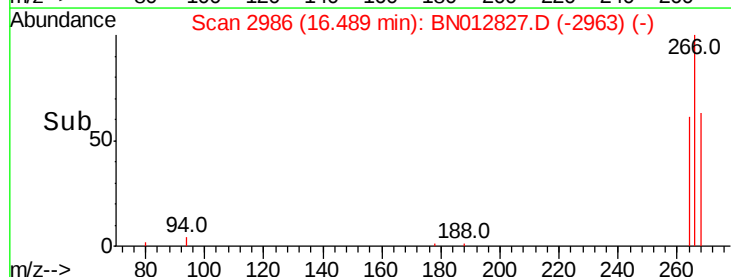
268 62.7 47.8 71.6

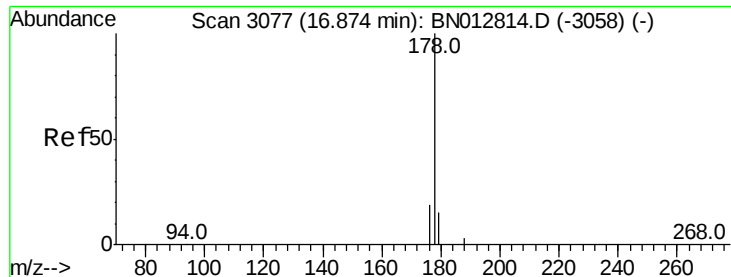


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.410 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.419

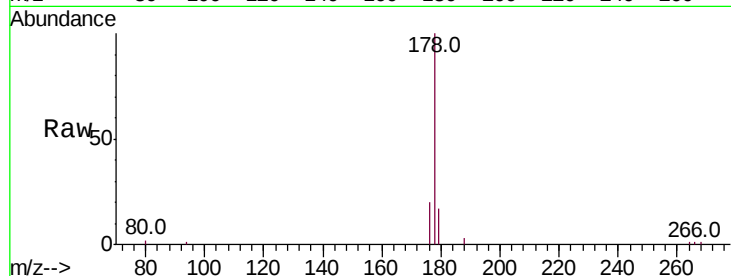
Tot Ion:178 Resp: 5542

Ion Ratio Lower Upper

178 100

179 16.7 13.8 20.6

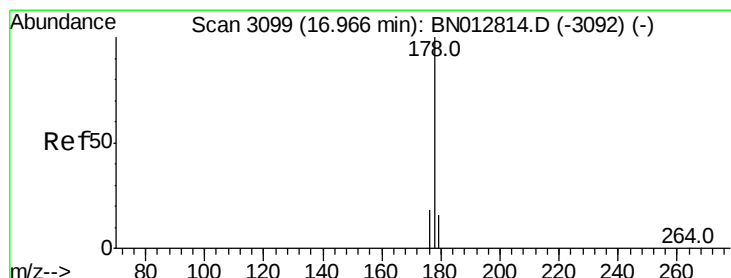
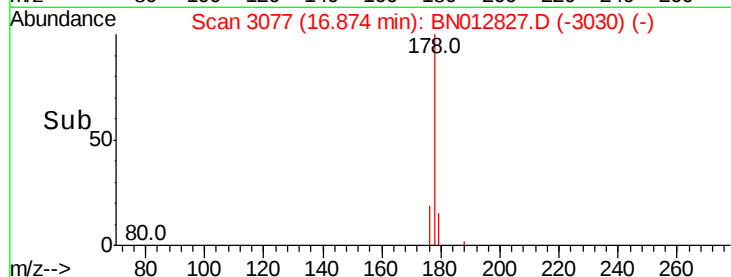
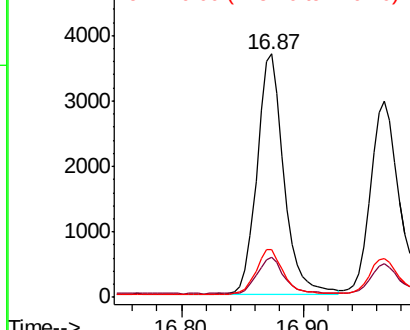
176 19.8 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E

5000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.428 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

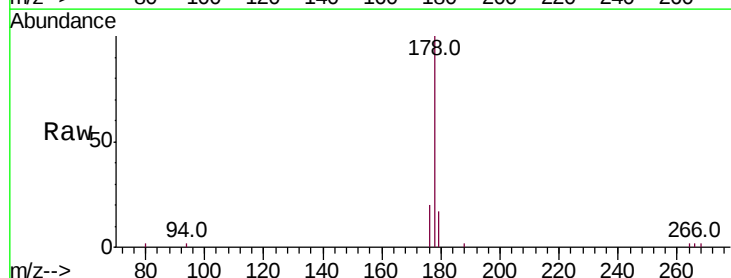
Tgt Ion:178 Resp: 5028

Ion Ratio Lower Upper

178 100

179 16.9 14.8 22.2

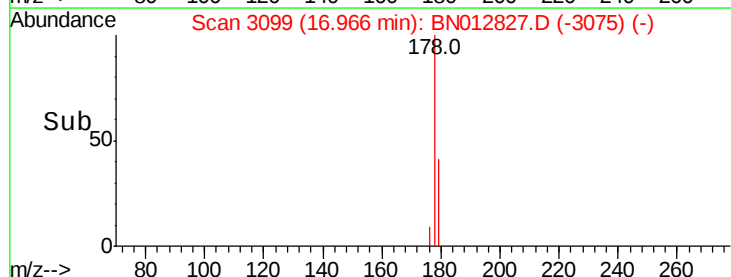
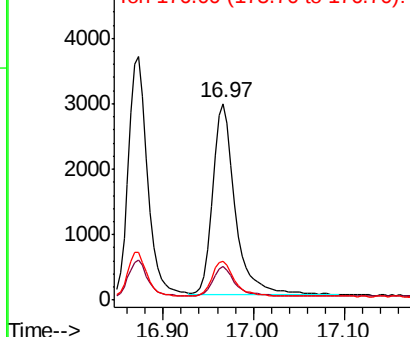
176 19.8 16.3 24.5

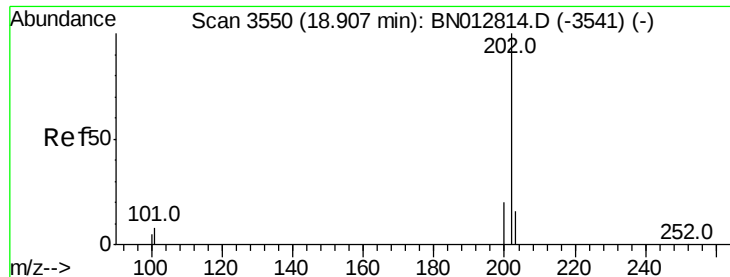


Abundance Ion 178.00 (177.70 to 178.70): E

5000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.442 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.419

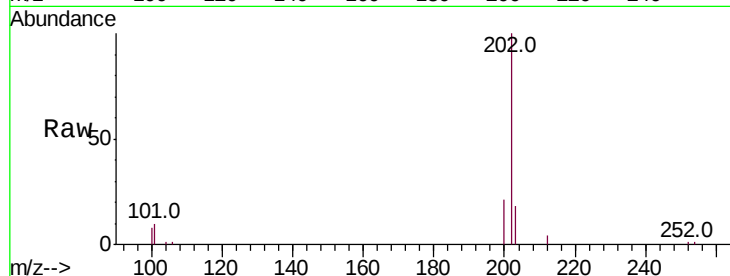
Tot Ion:202 Resp: 6907

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.5

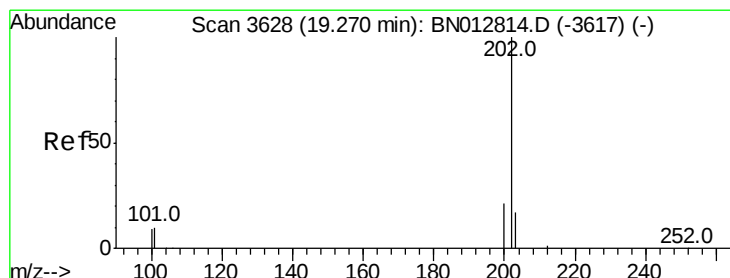
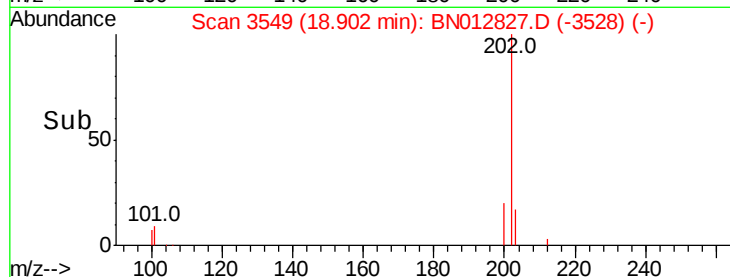
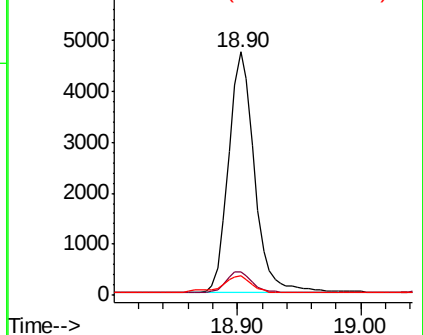
100 8.2 0.0 28.4



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

Pyrene

Concen: 0.436 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

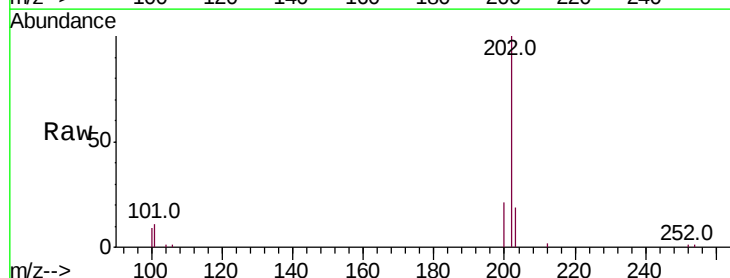
Tgt Ion:202 Resp: 7104

Ion Ratio Lower Upper

202 100

101 11.5 8.9 13.3

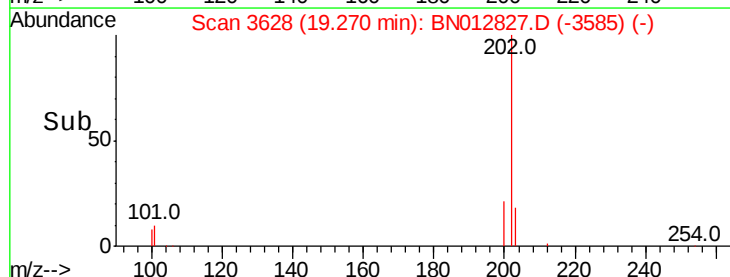
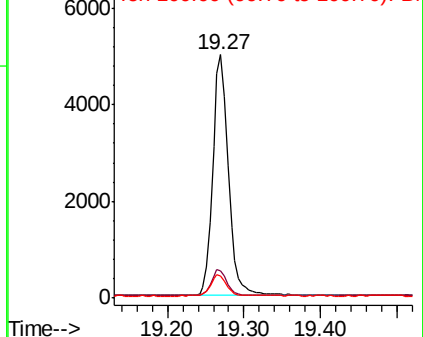
100 9.2 7.4 11.2

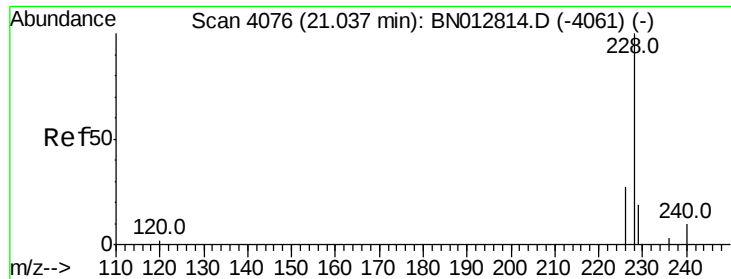


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.543 ng/ul

RT: 21.03 min Scan# 4075

Delta R.T. -0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

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SSTD0.419

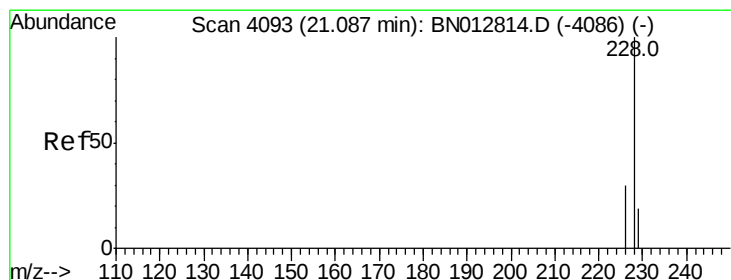
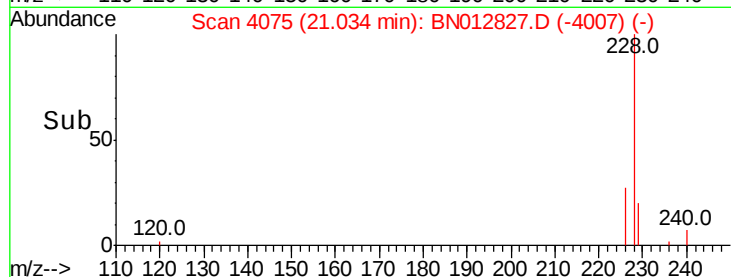
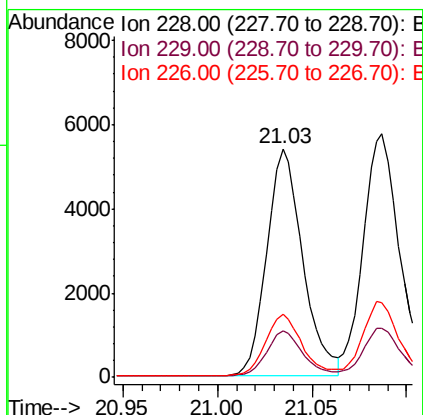
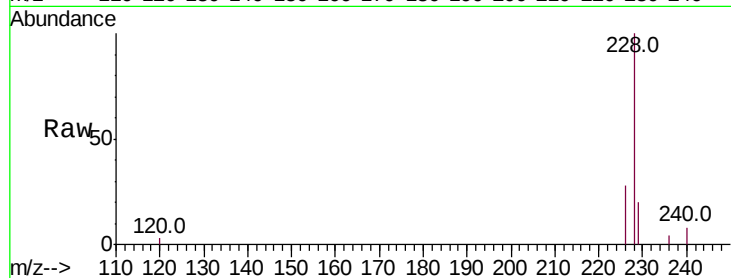
Tot Ion:228 Resp: 7078

Ion Ratio Lower Upper

228 100

229 20.4 16.9 25.3

226 27.7 23.1 34.7



#19

Chrysene

Concen: 0.497 ng/ul

RT: 21.09 min Scan# 4093

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

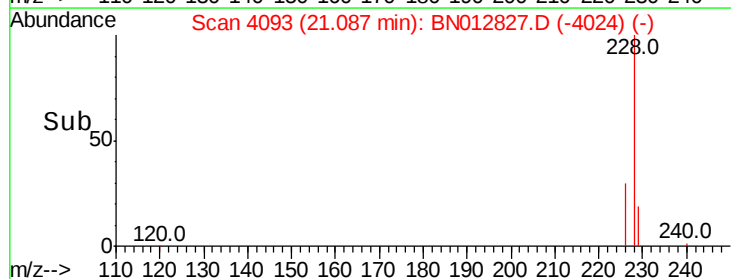
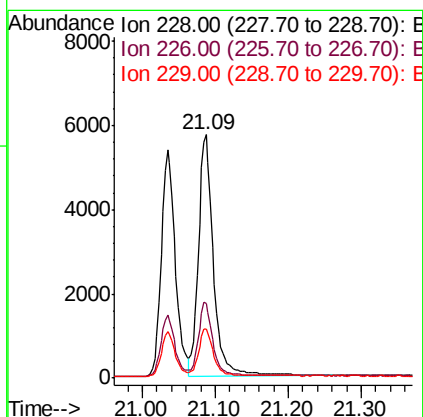
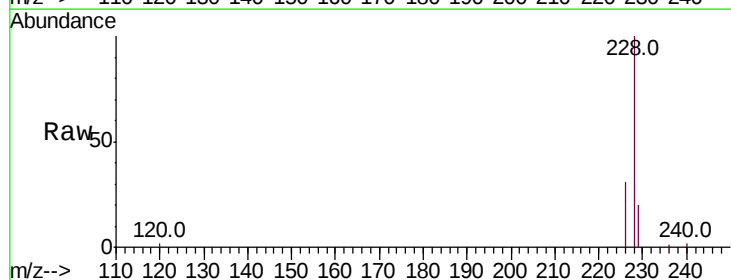
Tgt Ion:228 Resp: 8097

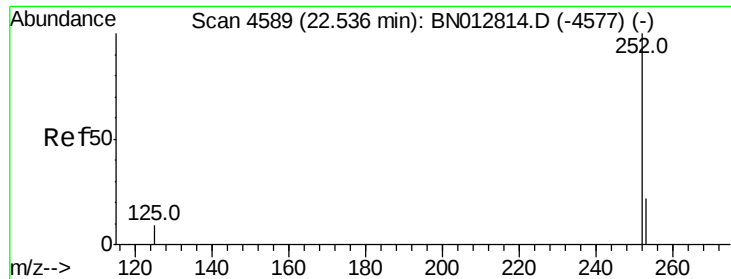
Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.0 16.1 24.1





#21

Benzo(b)fluoranthene

Concen: 0.486 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

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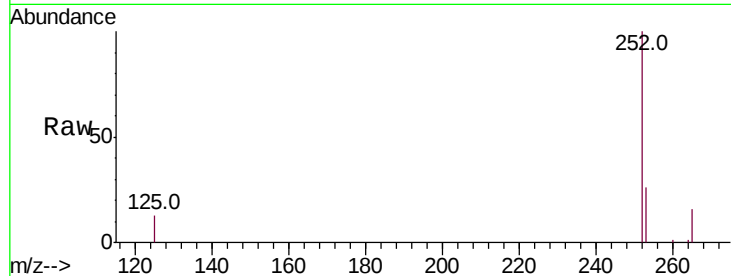
Tot Ion:252 Resp: 8505

Ion Ratio Lower Upper

252 100

253 25.7 0.0 58.4

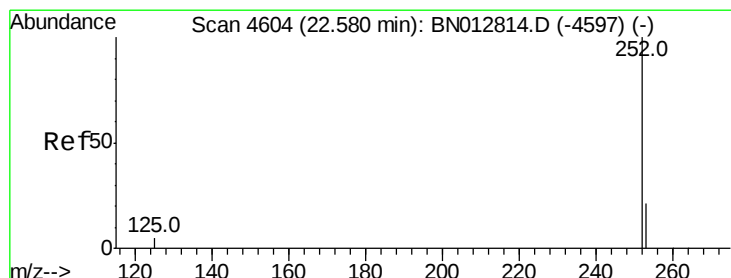
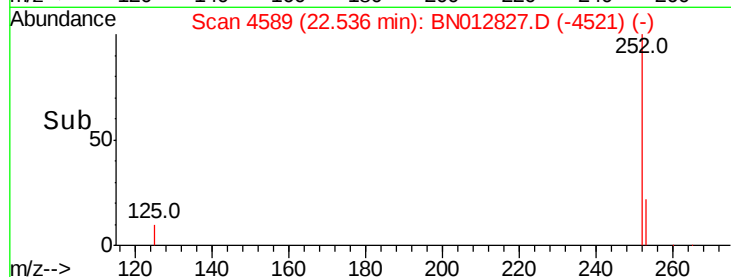
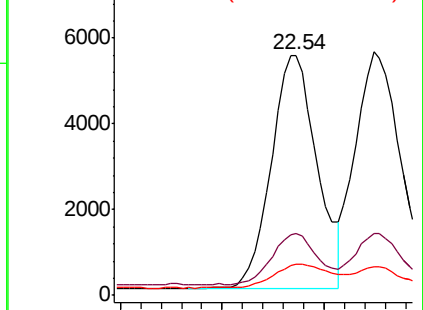
125 12.8 0.0 28.6



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: 0.444 ng/ul

RT: 22.57 min Scan# 4602

Delta R.T. -0.01 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

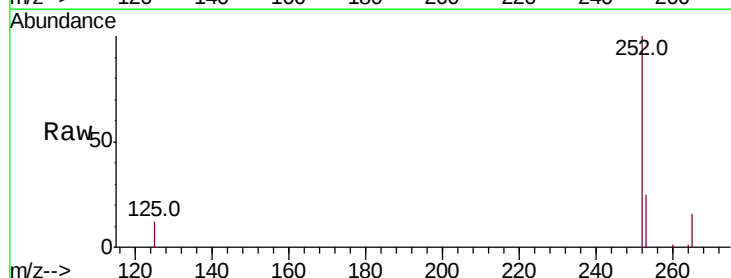
Tgt Ion:252 Resp: 8969

Ion Ratio Lower Upper

252 100

253 25.1 23.4 35.2

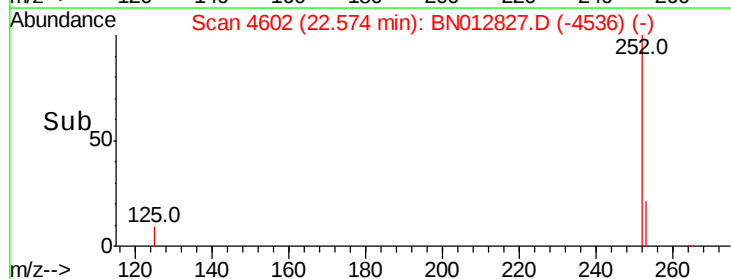
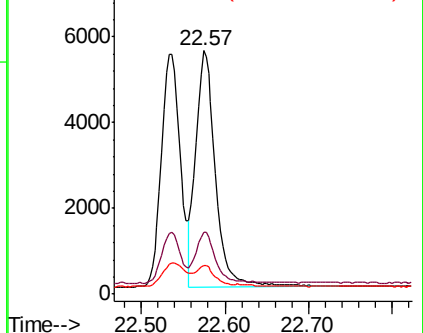
125 11.7 10.2 15.2

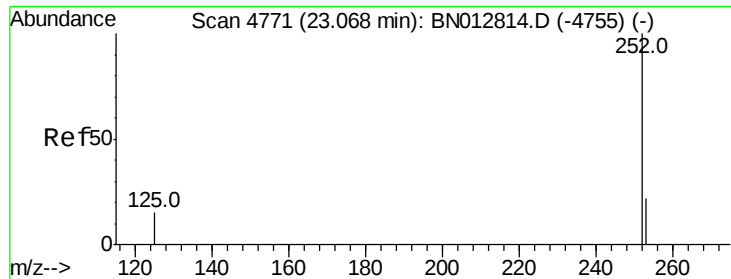


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.482 ng/u1

RT: 23.07 min Scan# 4771

Delta R.T. 0.00 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.419

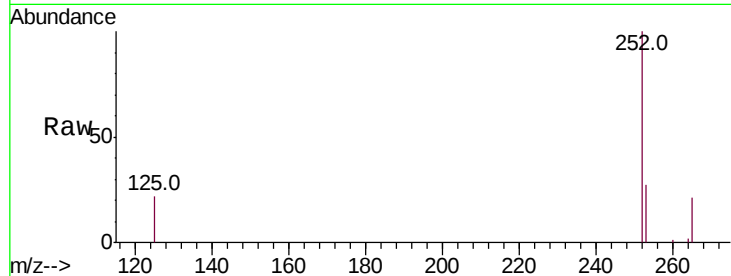
Tot Ion:252 Resp: 7942

Ion Ratio Lower Upper

252 100

253 27.4 27.6 41.4#

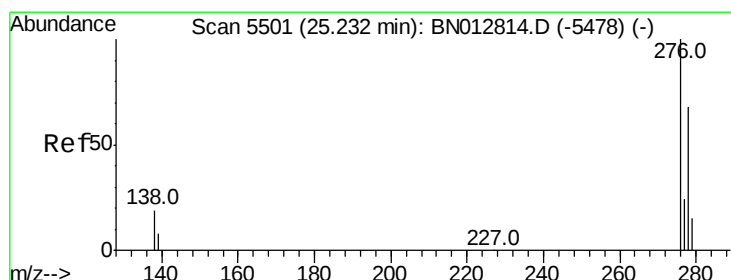
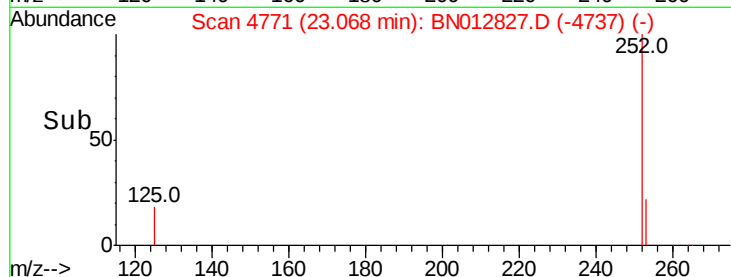
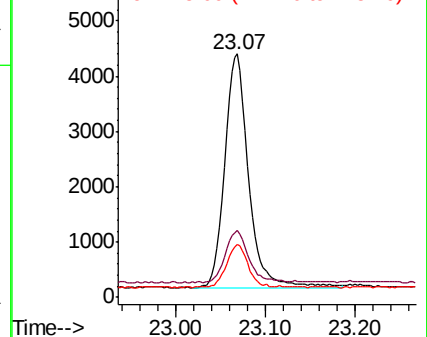
125 21.8 17.0 25.4



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: 0.489 ng/u1

RT: 25.22 min Scan# 5498

Delta R.T. -0.01 min

Lab File: BN012827.D

Acq: 02 Dec 2020 19:32

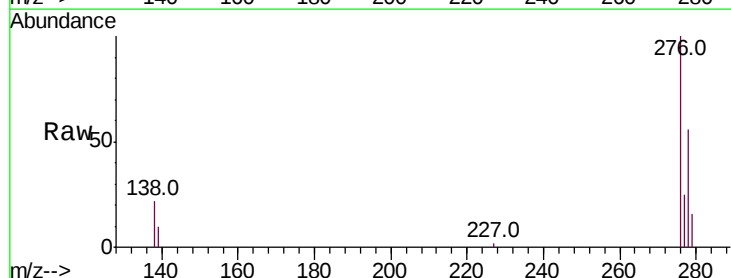
Tgt Ion:276 Resp: 10528

Ion Ratio Lower Upper

276 100

138 20.3 16.5 24.7

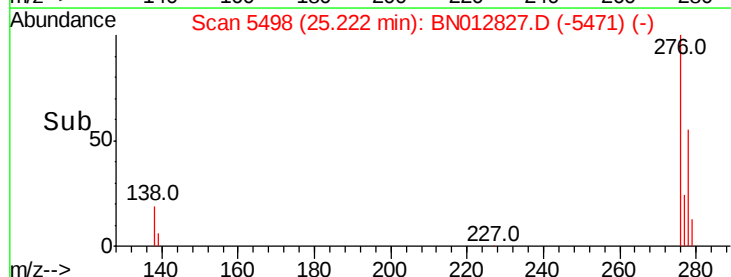
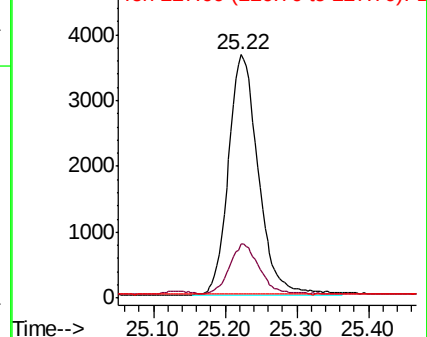
227 0.2 0.1 0.1#

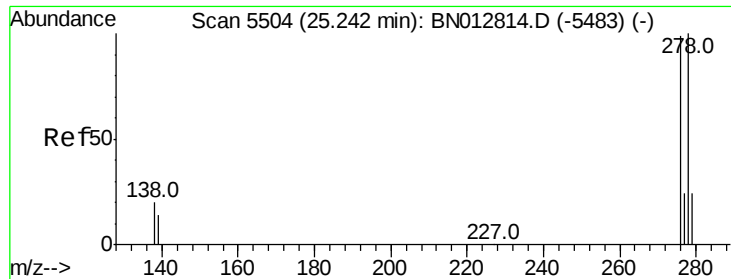


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

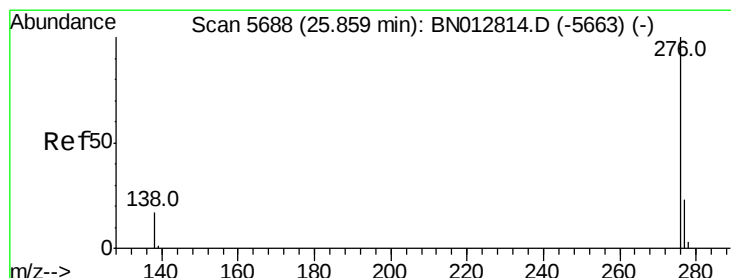
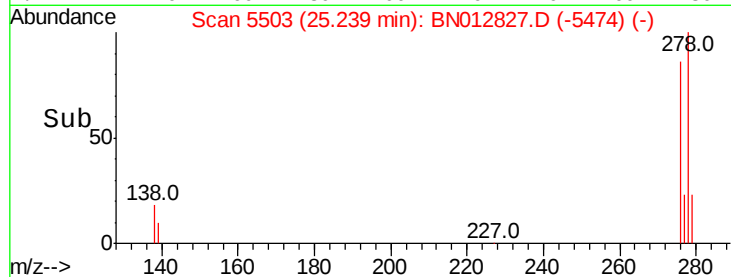
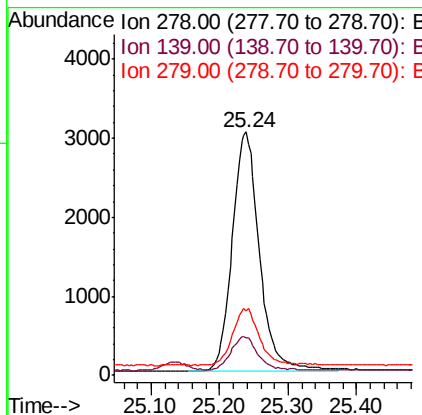
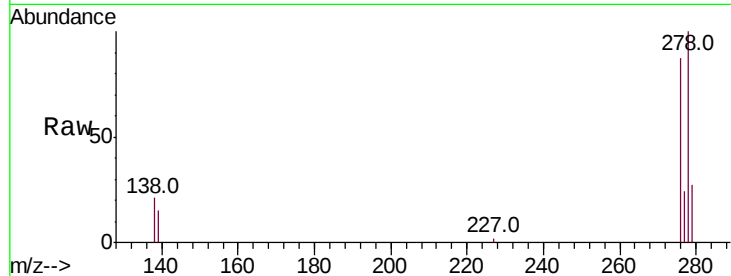




#25
Dibenzo(a,h)anthracene
Concen: 0.486 ng/u1
RT: 25.24 min Scan# 5503
Delta R.T. -0.00 min
Lab File: BN012827.D
Acq: 02 Dec 2020 19:32

Instrument :
BNA_N
ClientSampleId :
SSTD0.419

Tot Ion:278 Resp: 8407
Ion Ratio Lower Upper
278 100
139 15.3 13.8 20.8
279 26.6 25.6 38.4



#26
Benzo(g,h,i)perylene
Concen: 0.462 ng/u1
RT: 25.86 min Scan# 5687
Delta R.T. -0.00 min
Lab File: BN012827.D
Acq: 02 Dec 2020 19:32

Tgt Ion:276 Resp: 8962
Ion Ratio Lower Upper
276 100
138 18.9 16.3 24.5
277 25.4 21.8 32.8

