

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012866.D
 Acq On : 04 Dec 2020 02:45
 Operator : CG/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.412

Quant Time: Dec 04 03:16:57 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 : Thu Dec 03 15:27:55 2020
 Response via : Initial Calibration

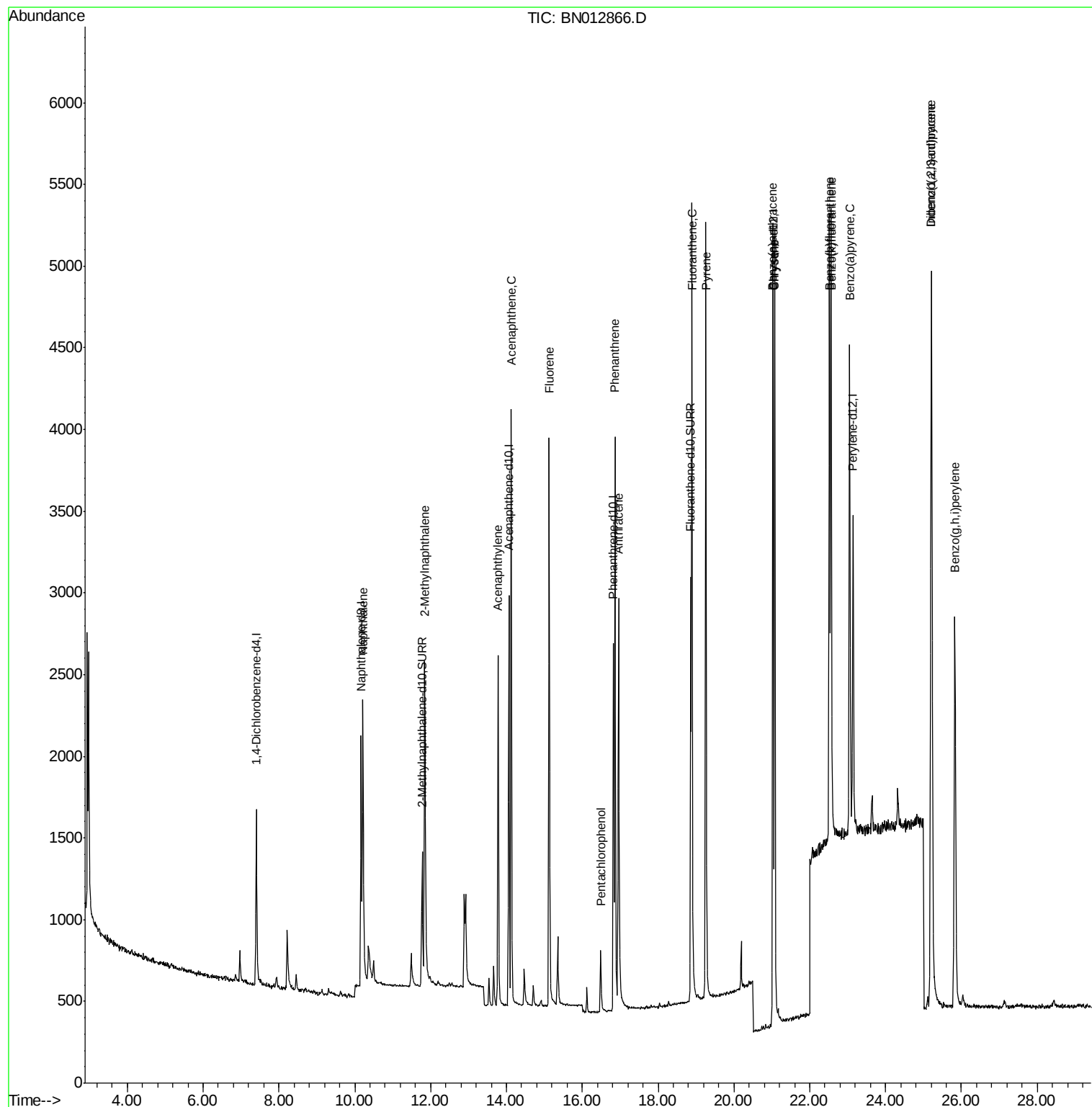
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	640	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1427	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	3003	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2480	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2539	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	1454	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	3161	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	2823	0.389	ng/ul	96
5) 2-Methylnaphthalene	11.85	142	1841	0.386	ng/ul	100
7) Acenaphthylene	13.78	152	2658	0.394	ng/ul	98
8) Acenaphthene	14.13	153	2182	0.394	ng/ul	99
9) Fluorene	15.12	166	2453	0.386	ng/ul	100
11) Pentachlorophenol	16.48	266	333	0.383	ng/ul	91
12) Phenanthrene	16.86	178	3963	0.394	ng/ul	100
13) Anthracene	16.96	178	3382	0.395	ng/ul	99
15) Fluoranthene	18.89	202	4569	0.382	ng/ul	98
17) Pyrene	19.26	202	4627	0.395	ng/ul	99
18) Benzo(a)anthracene	21.02	228	3930	0.383	ng/ul	100
19) Chrysene	21.08	228	4615	0.407	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	4622	0.393	ng/ul	97
22) Benzo(k)fluoranthene	22.56	252	5073	0.391	ng/ul	98
23) Benzo(a)pyrene	23.05	252	4414	0.405	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.20	276	5591	0.391	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.22	278	4465	0.394	ng/ul	96
26) Benzo(g,h,i)perylene	25.83	276	4938	0.381	ng/ul	98

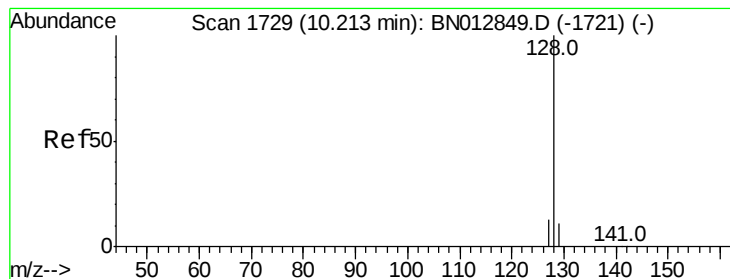
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012866.D
Acq On : 04 Dec 2020 02:45
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.412

Quant Time: Dec 04 03:16:57 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 : Thu Dec 03 15:27:55 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

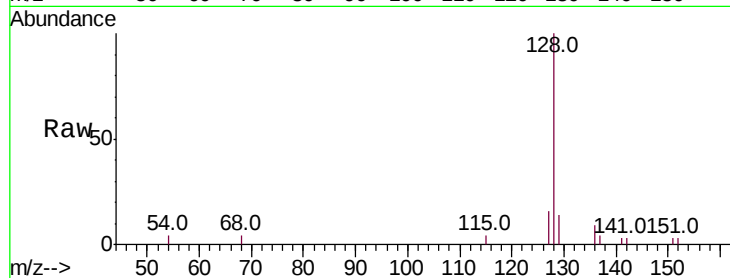
Tot Ion:128 Resp: 2823

Ion Ratio Lower Upper

128 100

129 13.8 12.3 18.5

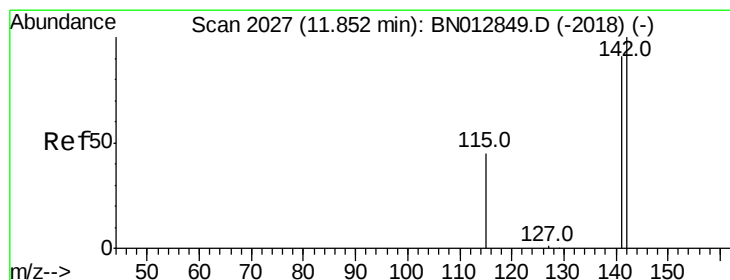
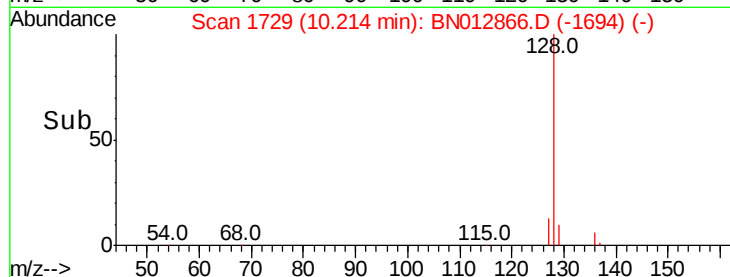
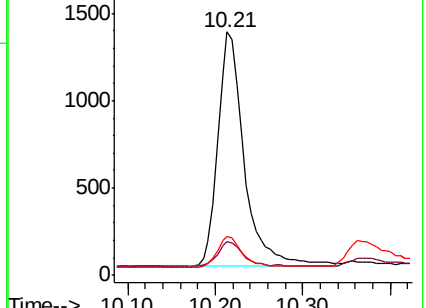
127 16.1 14.2 21.4



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



#5

2-Methylnaphthalene

Concen: 0.386 ng/ul

RT: 11.85 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BN012866.D

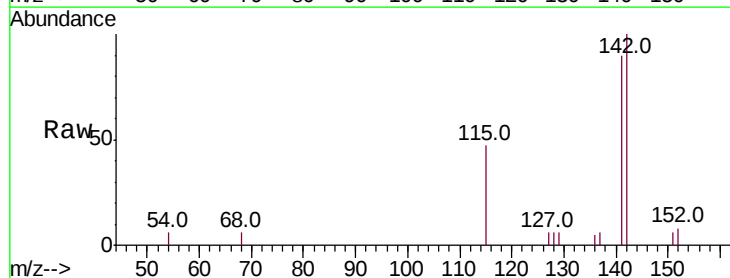
Acq: 04 Dec 2020 02:45

Tgt Ion:142 Resp: 1841

Ion Ratio Lower Upper

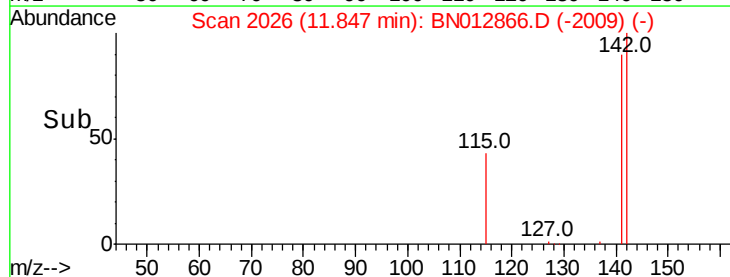
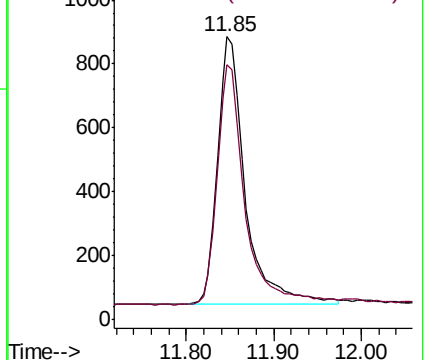
142 100

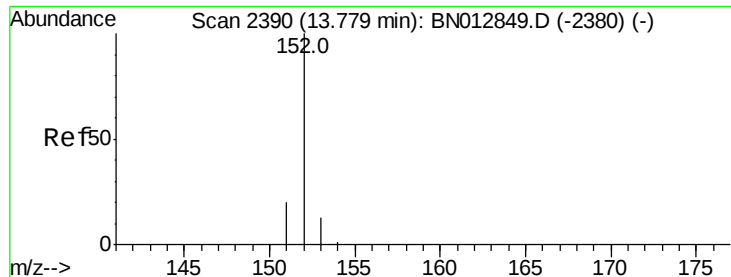
141 90.9 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.394 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

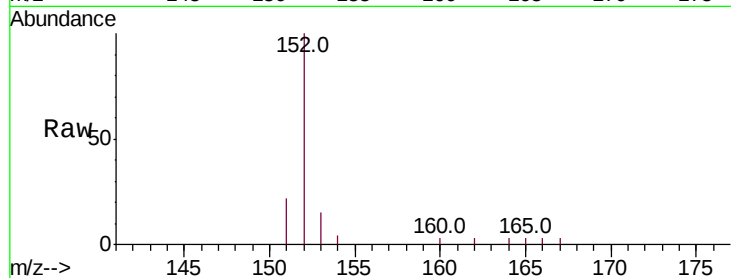
Tot Ion:152 Resp: 2658

Ion Ratio Lower Upper

152 100

151 22.3 18.2 27.4

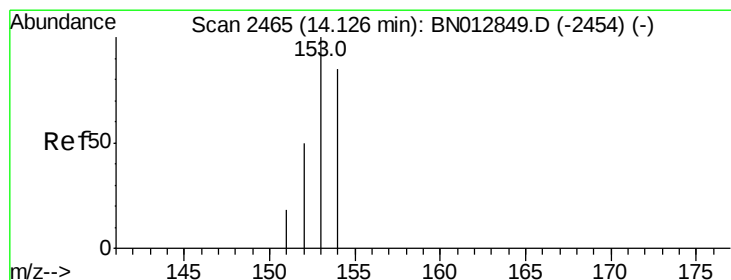
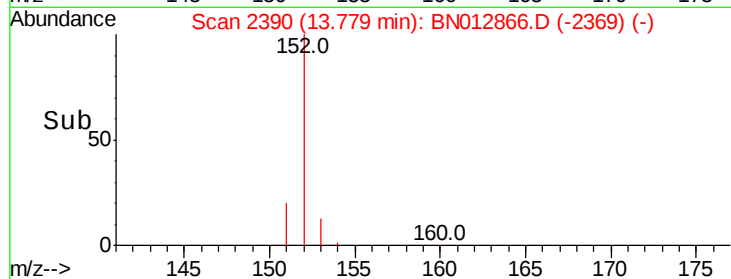
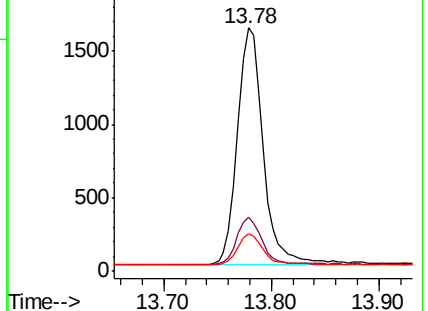
153 15.2 13.1 19.7



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



#8

Acenaphthene

Concen: 0.394 ng/ul

RT: 14.13 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

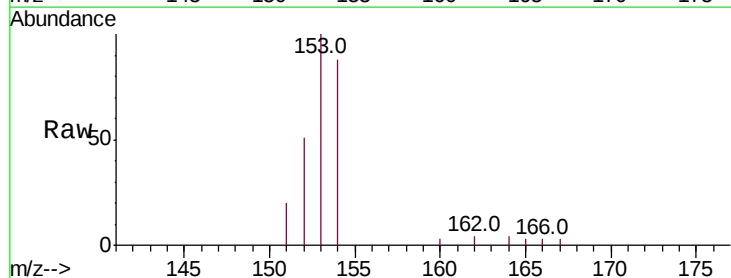
Tgt Ion:153 Resp: 2182

Ion Ratio Lower Upper

153 100

152 51.1 40.7 61.1

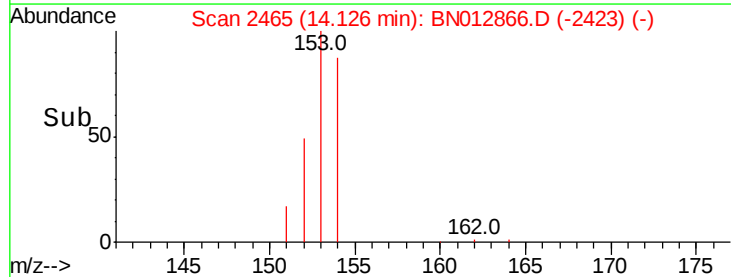
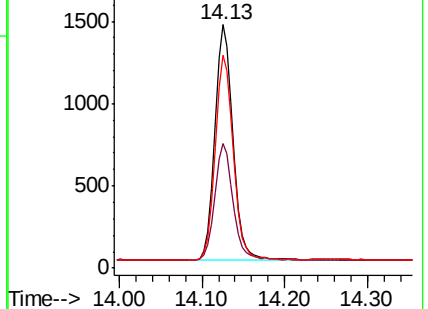
154 87.5 70.8 106.2

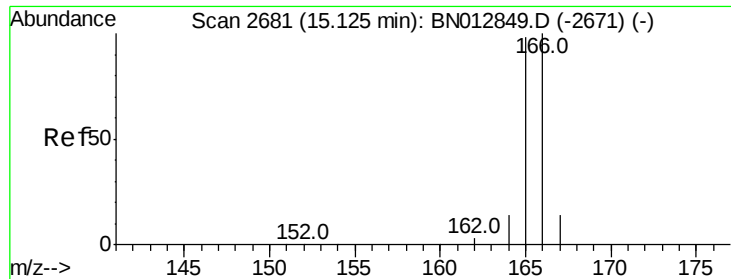


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.386 ng/ul

RT: 15.12 min Scan# 2681

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

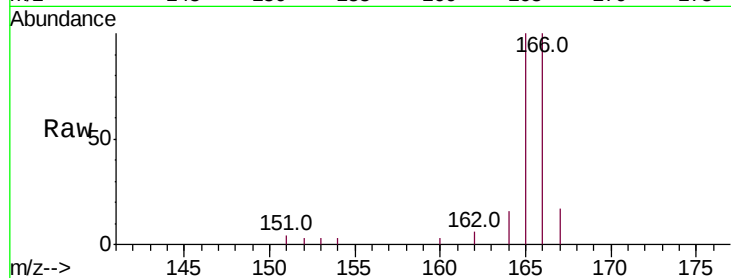
Tot Ion:166 Resp: 2453

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

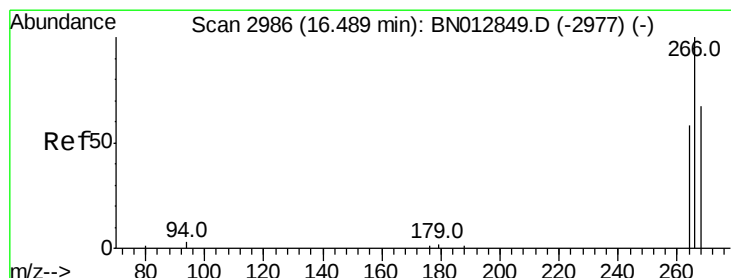
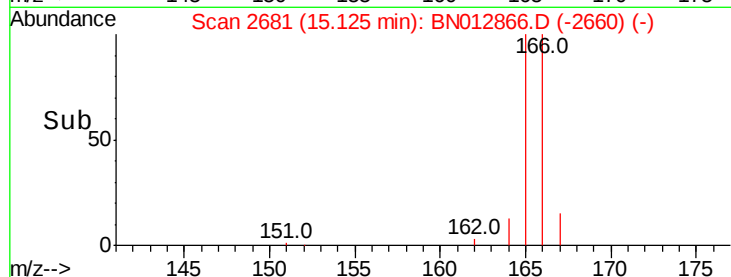
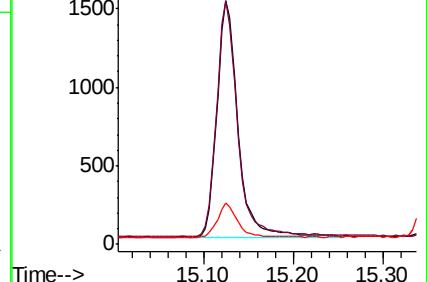
167 17.2 13.8 20.8



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: 0.383 ng/ul

RT: 16.48 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

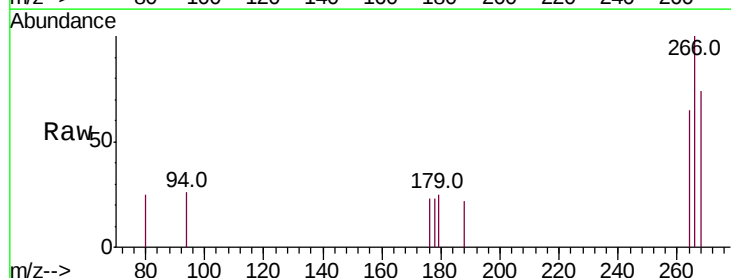
Tgt Ion:266 Resp: 333

Ion Ratio Lower Upper

266 100

264 58.9 51.5 77.3

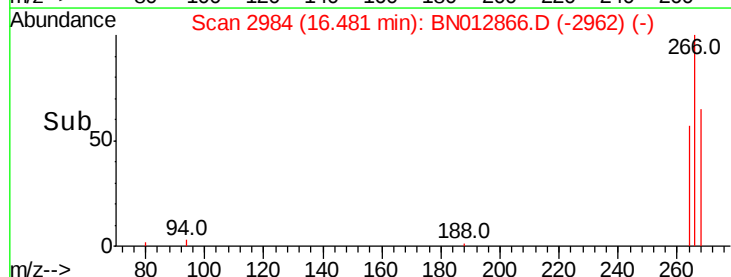
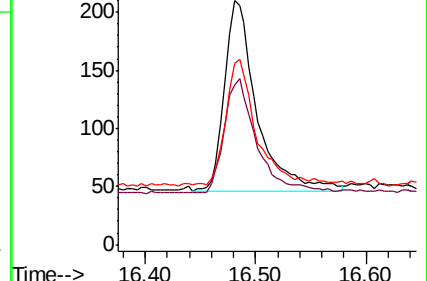
268 61.3 56.0 84.0

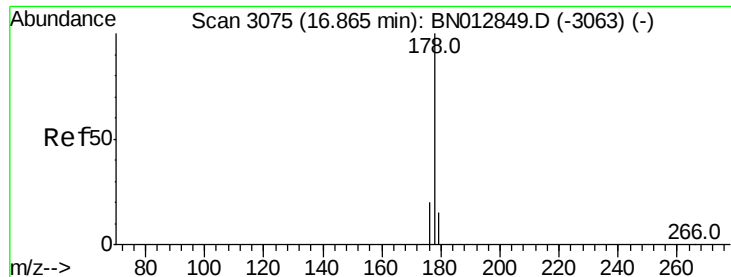


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.394 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

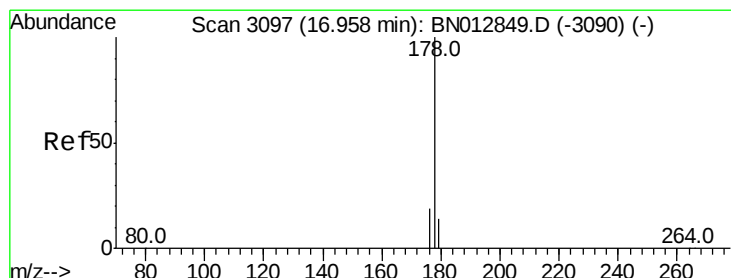
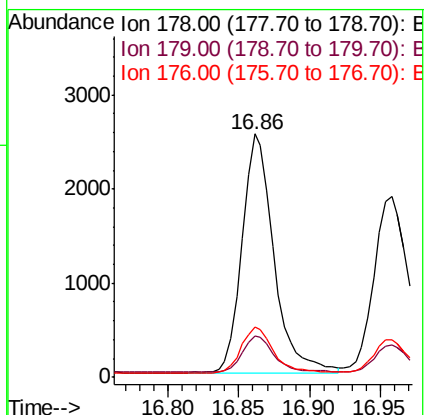
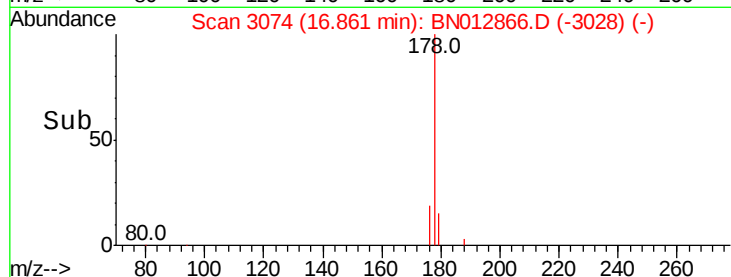
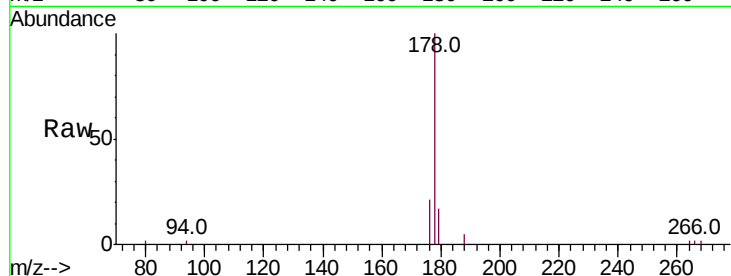
Tot Ion:178 Resp: 3963

Ion Ratio Lower Upper

178 100

179 17.0 13.6 20.4

176 20.9 16.4 24.6



#13

Anthracene

Concen: 0.395 ng/ul

RT: 16.96 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

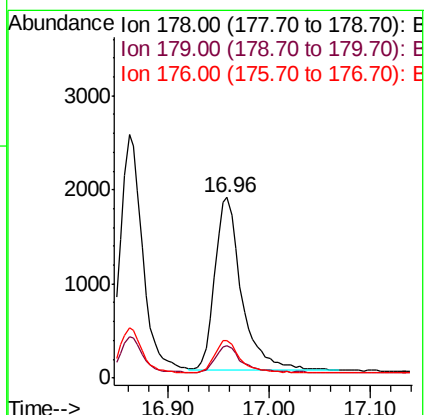
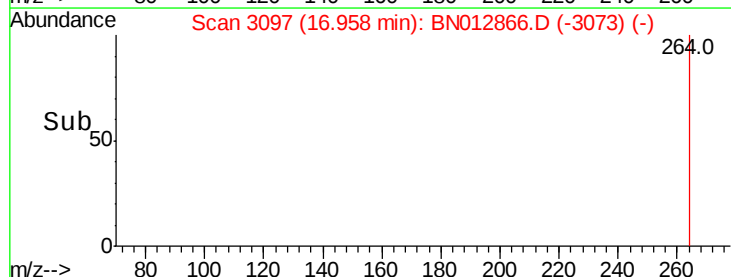
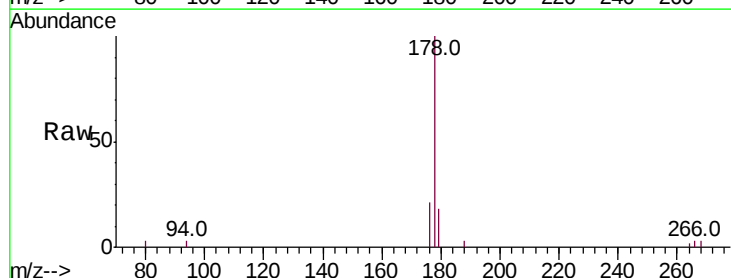
Tgt Ion:178 Resp: 3382

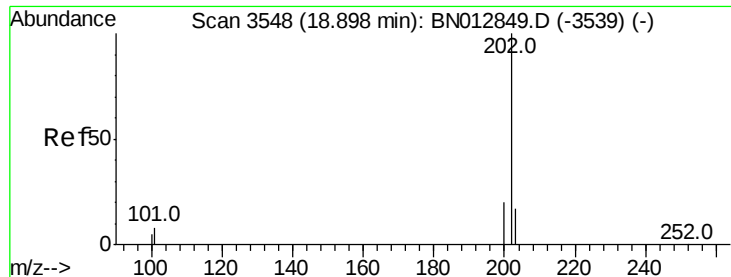
Ion Ratio Lower Upper

178 100

179 17.9 14.6 21.8

176 20.8 17.1 25.7





#15

Fluoranthene

Concen: 0.382 ng/ul

RT: 18.89 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

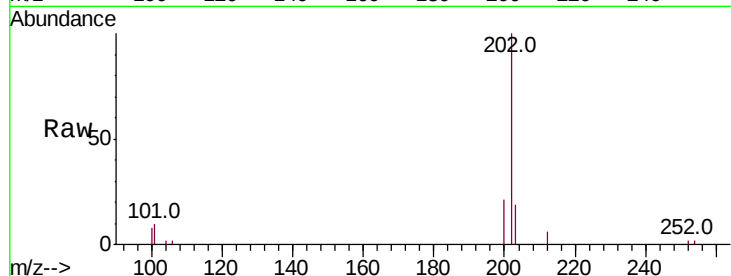
Tot Ion:202 Resp: 4569

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.6

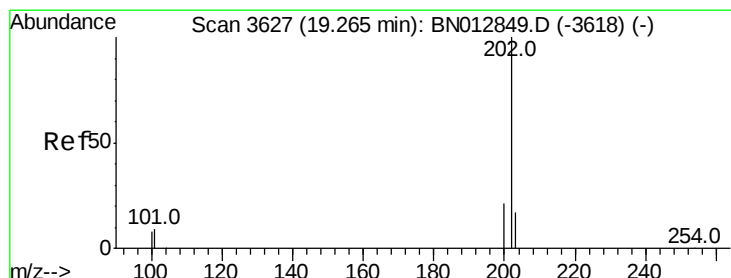
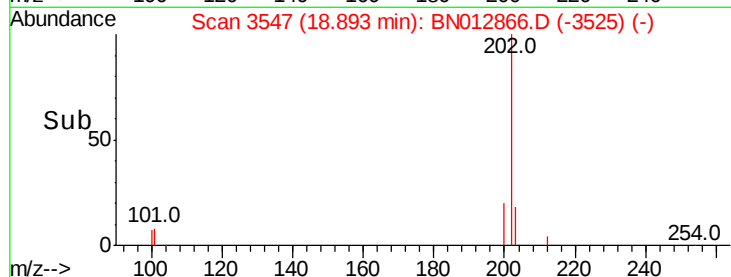
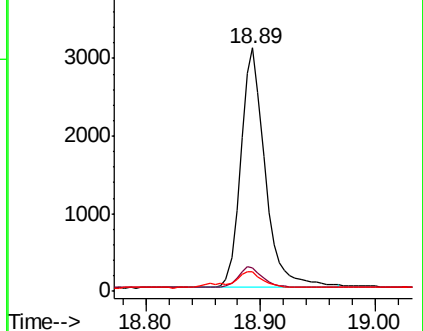
100 8.3 0.0 28.7



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: 0.395 ng/ul

RT: 19.26 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

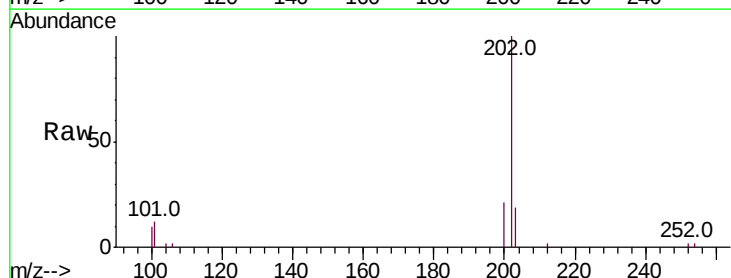
Tgt Ion:202 Resp: 4627

Ion Ratio Lower Upper

202 100

101 11.9 9.1 13.7

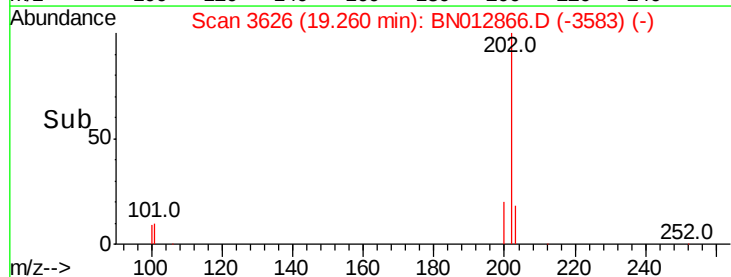
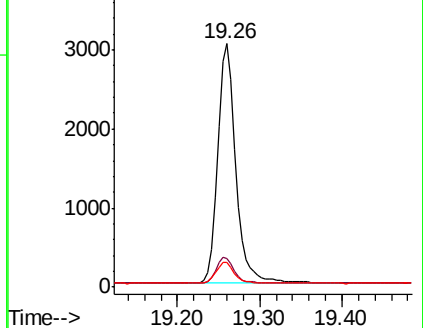
100 9.9 7.5 11.3

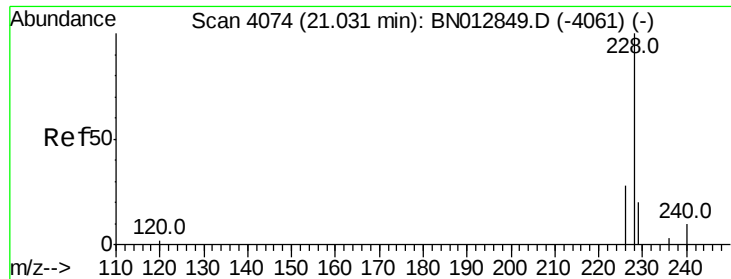


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.383 ng/ul

RT: 21.02 min Scan# 4071

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

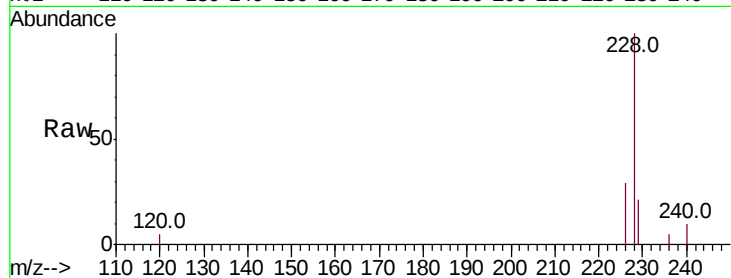
Tot Ion:228 Resp: 3930

Ion Ratio Lower Upper

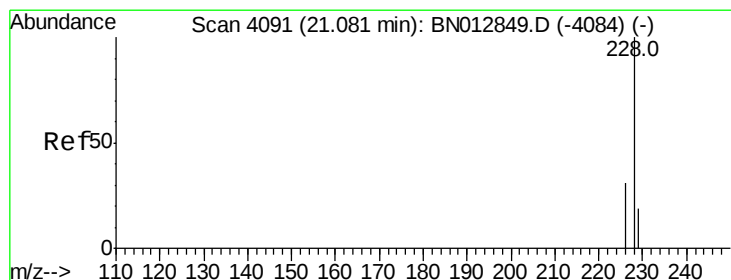
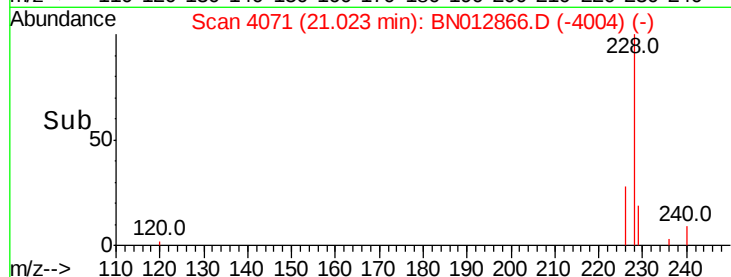
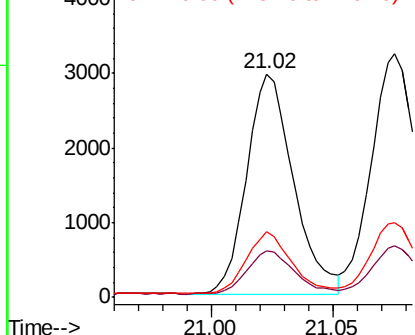
228 100

229 20.8 16.3 24.5

226 29.2 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: 0.407 ng/ul

RT: 21.08 min Scan# 4089

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

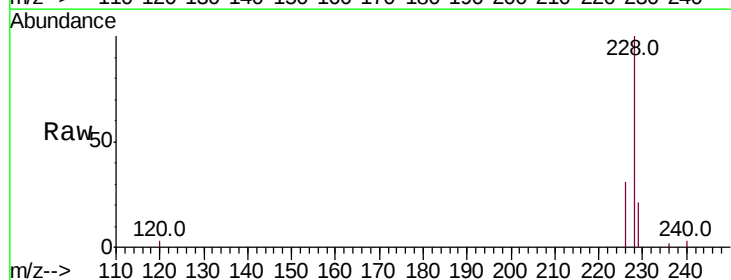
Tgt Ion:228 Resp: 4615

Ion Ratio Lower Upper

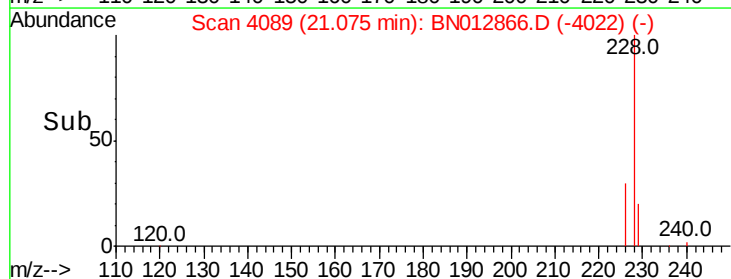
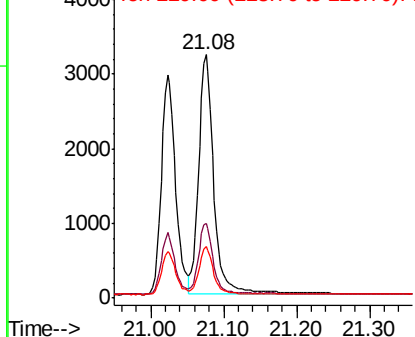
228 100

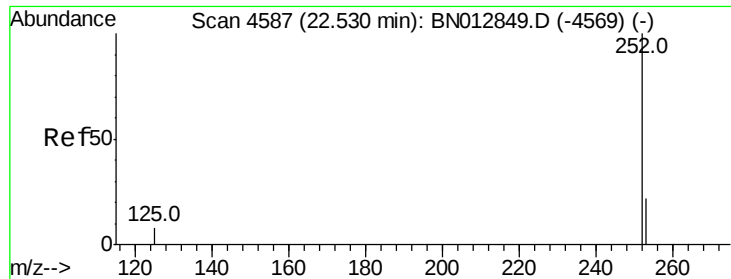
226 30.8 25.0 37.6

229 21.0 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: 0.393 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

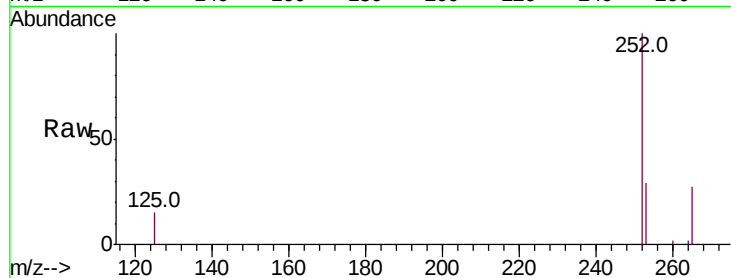
Tot Ion:252 Resp: 4622

Ion Ratio Lower Upper

252 100

253 28.7 0.0 59.6

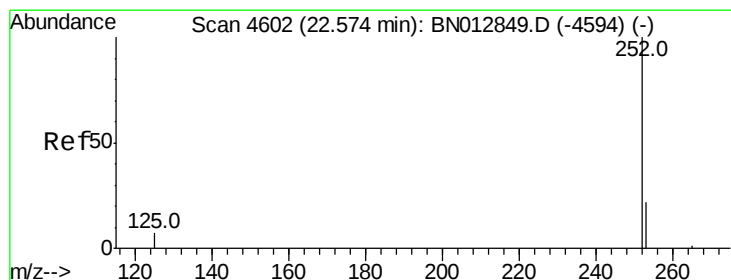
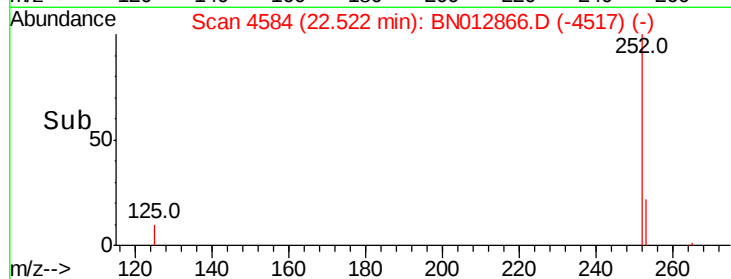
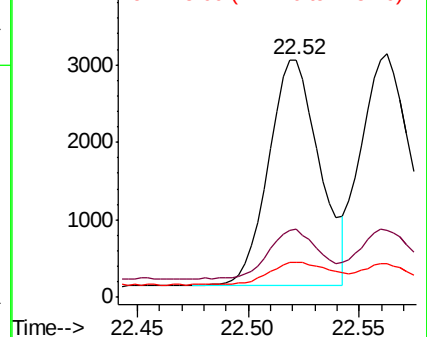
125 14.6 0.0 26.0



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: 0.391 ng/ul

RT: 22.56 min Scan# 4598

Delta R.T. -0.00 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

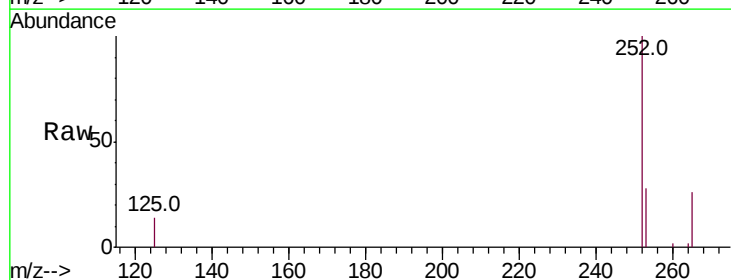
Tgt Ion:252 Resp: 5073

Ion Ratio Lower Upper

252 100

253 27.5 23.4 35.2

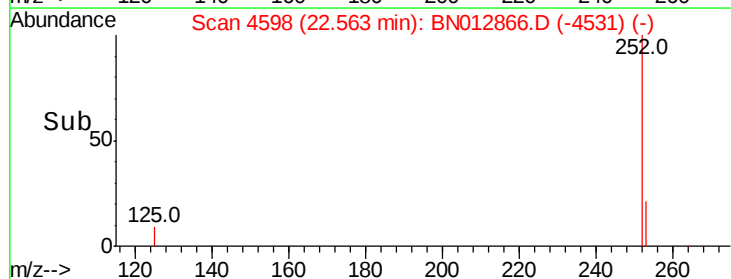
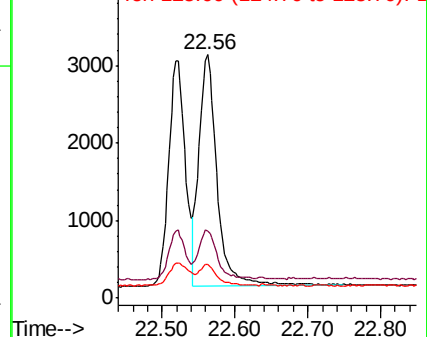
125 13.8 11.1 16.7

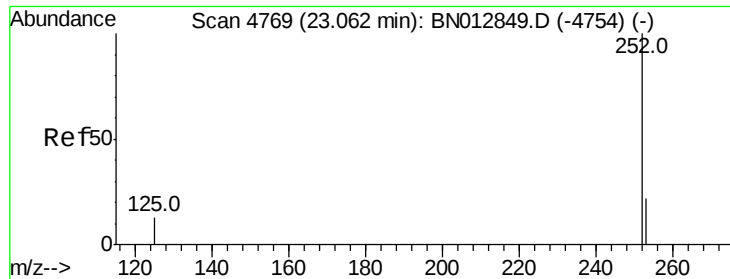


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.05 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.412

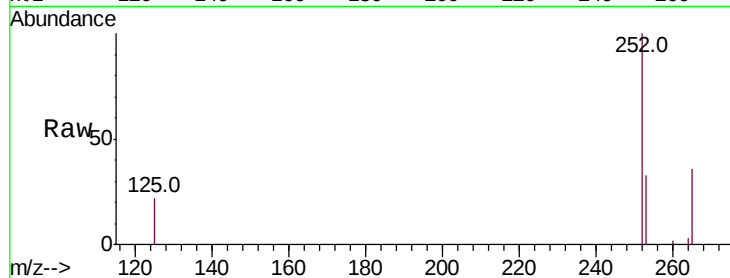
Tot Ion:252 Resp: 4414

Ion Ratio Lower Upper

252 100

253 33.0 26.5 39.7

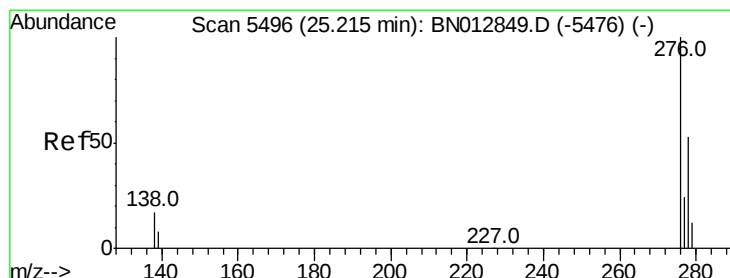
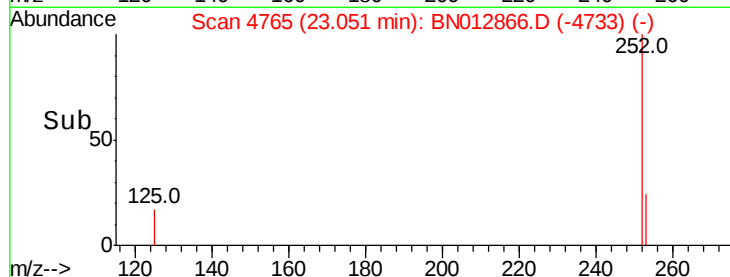
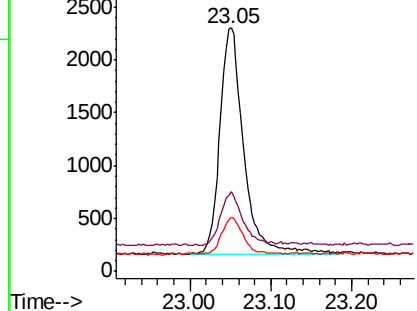
125 22.5 14.2 21.2#



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: 0.391 ng/ul

RT: 25.20 min Scan# 5492

Delta R.T. -0.01 min

Lab File: BN012866.D

Acq: 04 Dec 2020 02:45

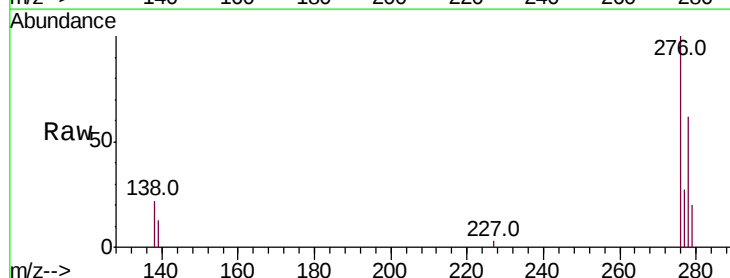
Tgt Ion:276 Resp: 5591

Ion Ratio Lower Upper

276 100

138 20.3 16.2 24.2

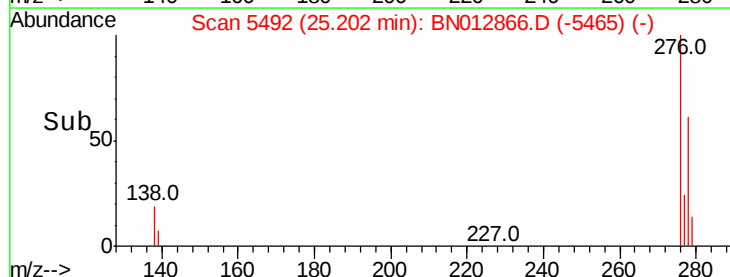
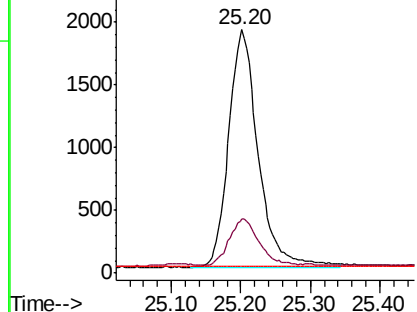
227 0.1 0.0 0.0#

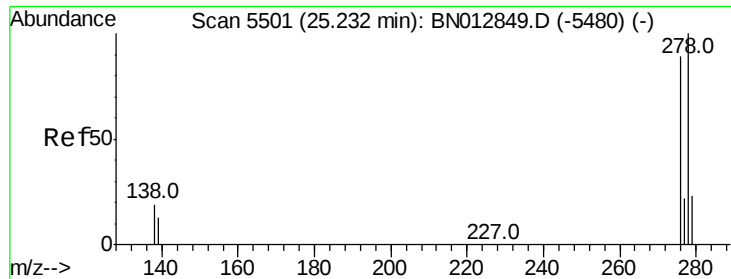


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

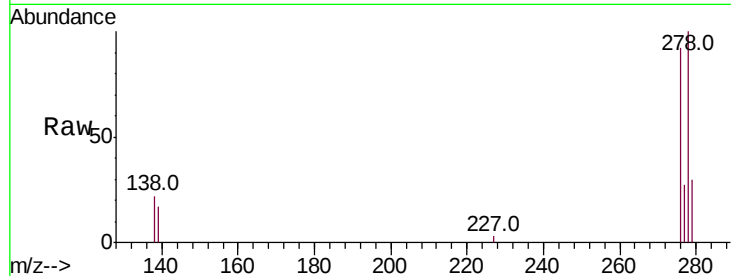




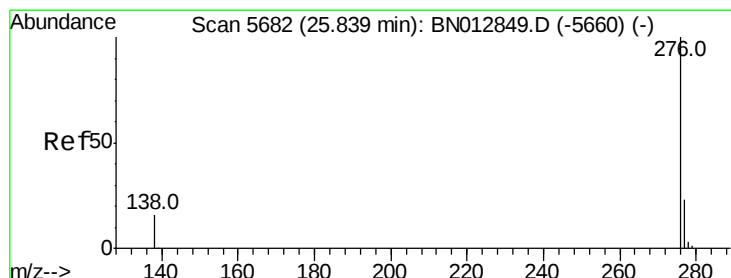
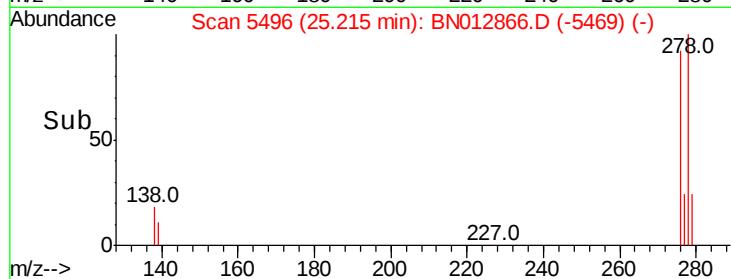
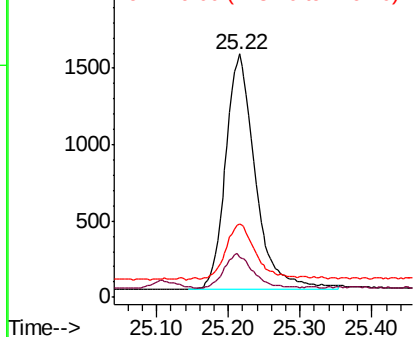
#25
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 25.22 min Scan# 5496
Delta R.T. -0.01 min
Lab File: BN012866.D
Acq: 04 Dec 2020 02:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.412

Tot Ion:278 Resp: 4465
Ion Ratio Lower Upper
278 100
139 16.6 14.5 21.7
279 30.2 26.3 39.5

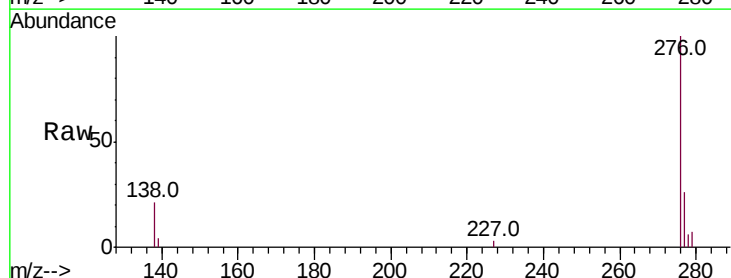


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 25.83 min Scan# 5679
Delta R.T. -0.01 min
Lab File: BN012866.D
Acq: 04 Dec 2020 02:45

Tgt Ion:276 Resp: 4938
Ion Ratio Lower Upper
276 100
138 21.2 16.3 24.5
277 25.9 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

