

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012727.D
 Acq On : 24 Nov 2020 21:39
 Operator : CG/JU
 Sample : L4751-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY6

Quant Time: Nov 25 01:48:51 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 Nov 25 01:45:20 2020
 Response via : Initial Calibration

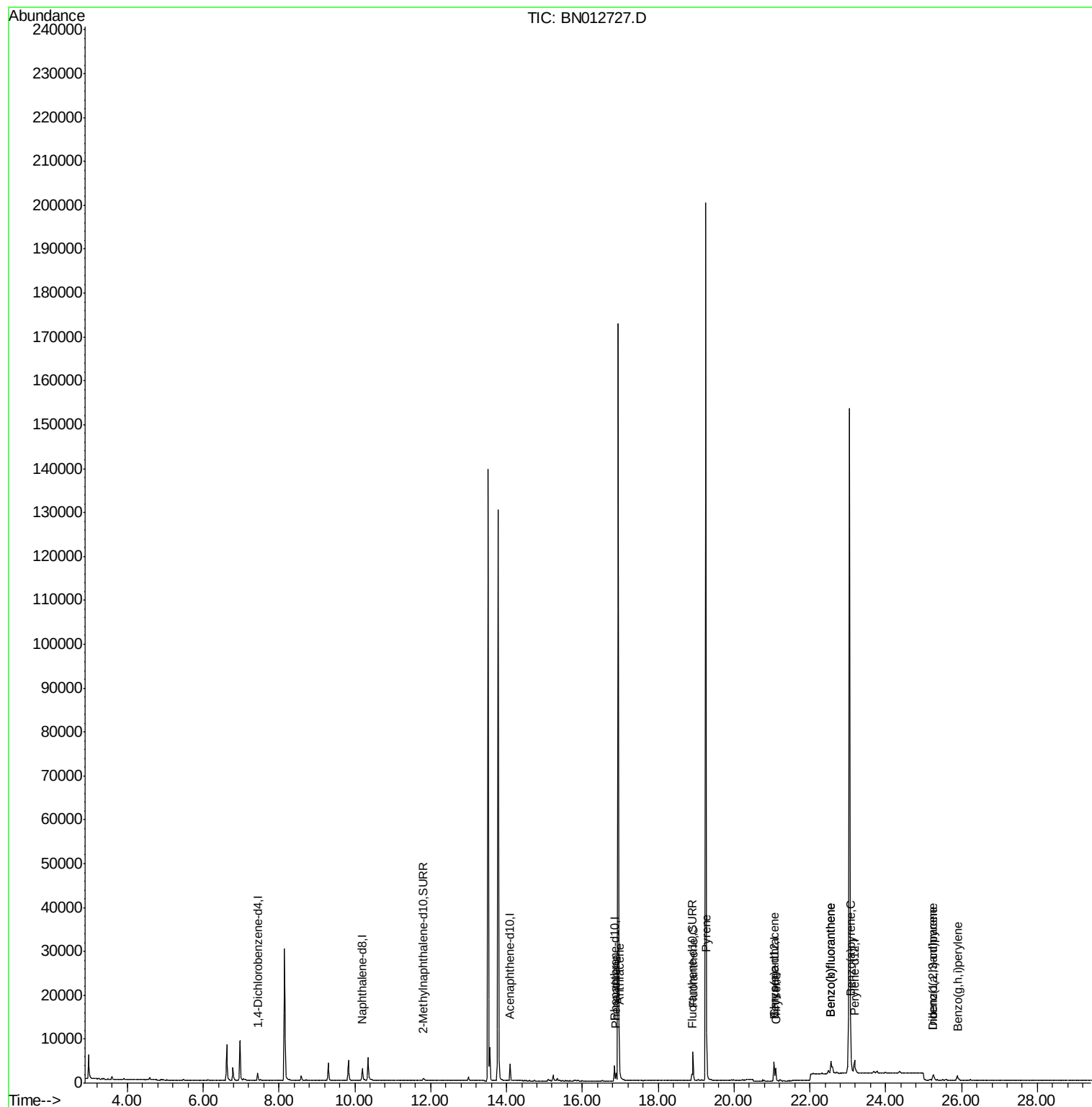
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	887	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2058	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4094	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3203	0.40	ng/ul	0.00
20) Perylene-d12	23.17	264	3528	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	822	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1798	0.17	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.89	178	1885	0.132	ng/ul	98
13) Anthracene	16.98	178	338	0.027	ng/ul#	66
15) Fluoranthene	18.92	202	5690	0.346	ng/ul	97
17) Pyrene	19.28	202	5576	0.389	ng/ul#	94
18) Benzo(a)anthracene	21.05	228	2355	0.205	ng/ul	95
19) Chrysene	21.10	228	3052	0.213	ng/ul	95
21) Benzo(b)fluoranthene	22.55	252	5919	0.365	ng/ul	82
22) Benzo(k)fluoranthene	22.55	252	5919	0.316	ng/ul#	81
23) Benzo(a)pyrene	23.08	252	2789	0.183	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.26	276	2113	0.106	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.26	278	458	0.029	ng/ul#	11
26) Benzo(g,h,i)perylene	25.89	276	2014	0.112	ng/ul#	87

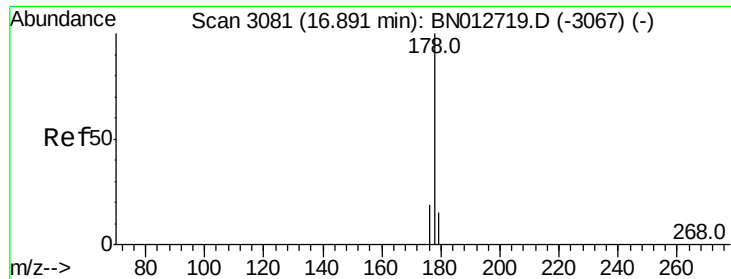
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012727.D
Acq On : 24 Nov 2020 21:39
Operator : CG/JU
Sample : L4751-23
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY6

Quant Time: Nov 25 01:48:51 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 Nov 25 01:45:20 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.132 ng/ul

RT: 16.89 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

ClientSampleId :

C0AY6

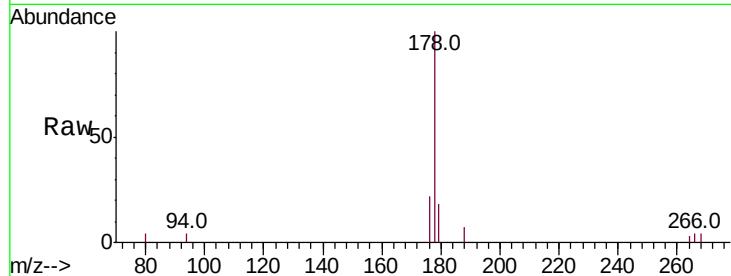
Tot Ion:178 Resp: 1885

Ion Ratio Lower Upper

178 100

179 18.5 13.8 20.6

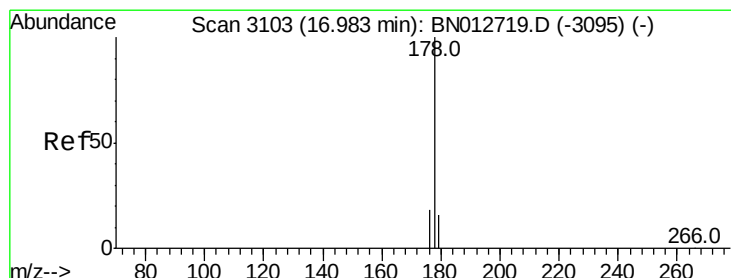
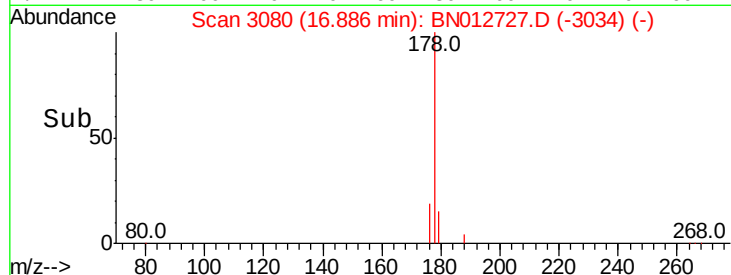
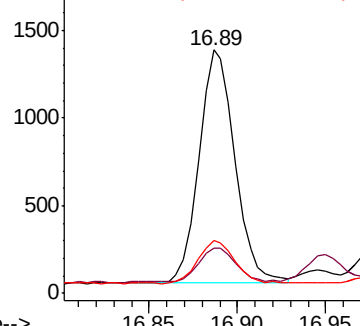
176 21.8 16.7 25.1



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: 0.027 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

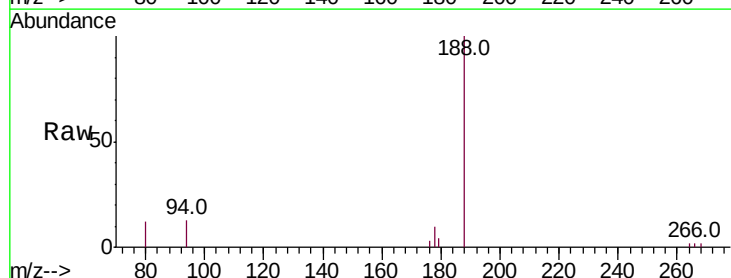
Tgt Ion:178 Resp: 338

Ion Ratio Lower Upper

178 100

179 36.7 14.8 22.2#

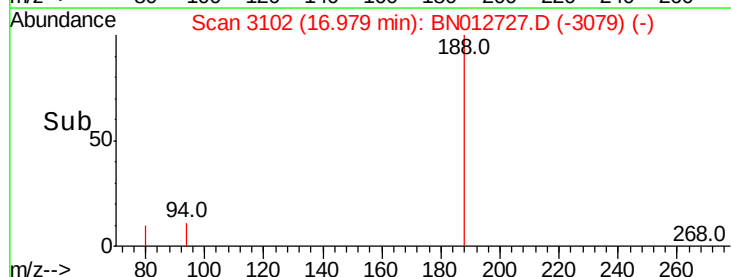
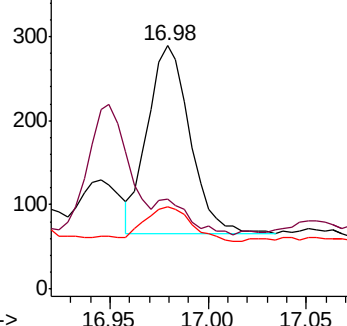
176 33.6 16.3 24.5#

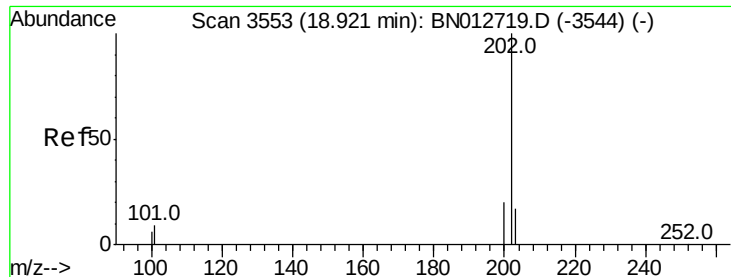


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.346 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

ClientSampleId :

C0AY6

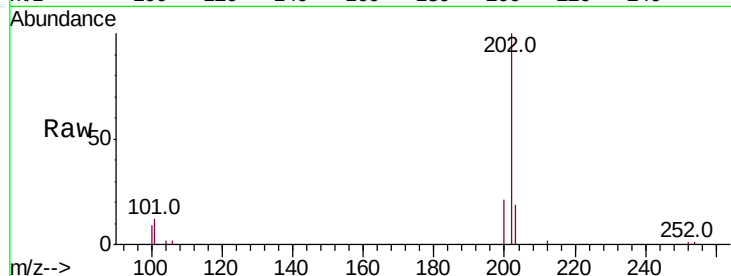
Tot Ion:202 Resp: 5690

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.5

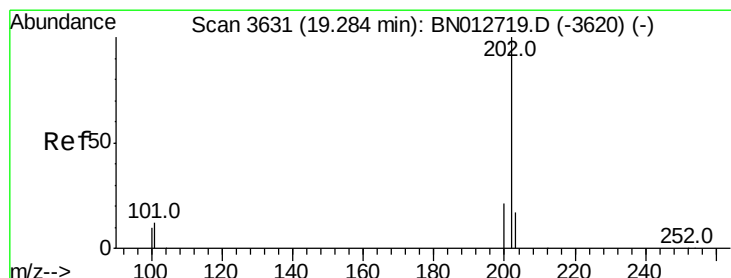
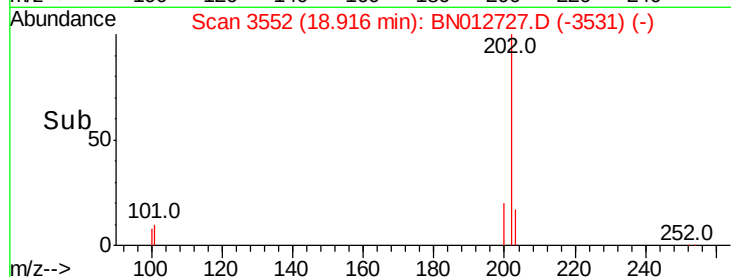
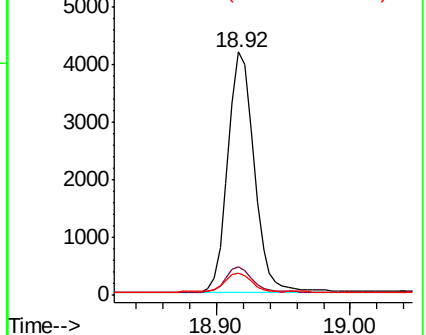
100 9.1 0.0 28.4



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: 0.389 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

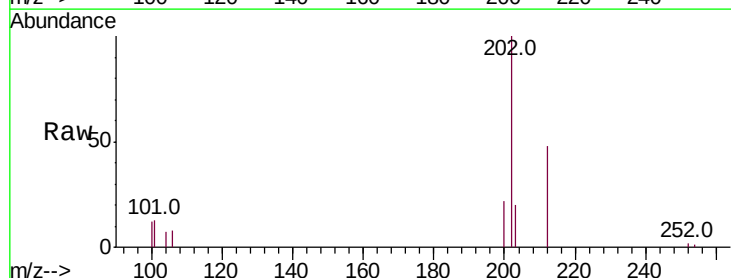
Tgt Ion:202 Resp: 5576

Ion Ratio Lower Upper

202 100

101 13.3 8.9 13.3

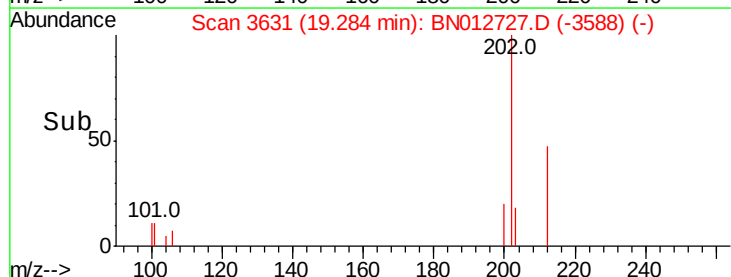
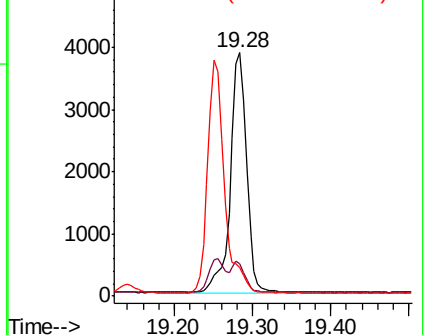
100 11.7 7.4 11.2#

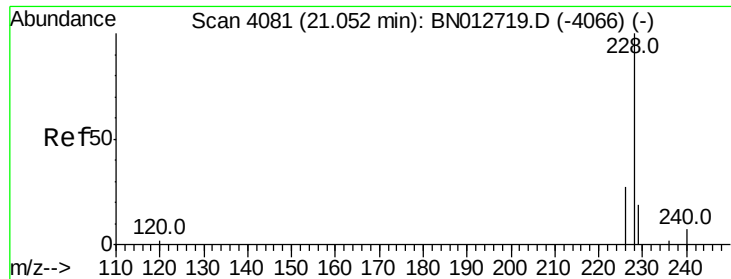


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.205 ng/ul

RT: 21.05 min Scan# 4079

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

ClientSampleId :

C0AY6

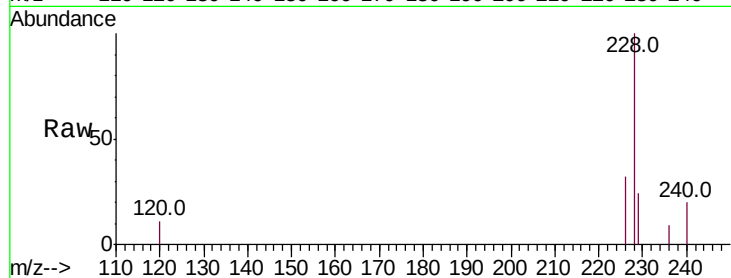
Tot Ion:228 Resp: 2355

Ion Ratio Lower Upper

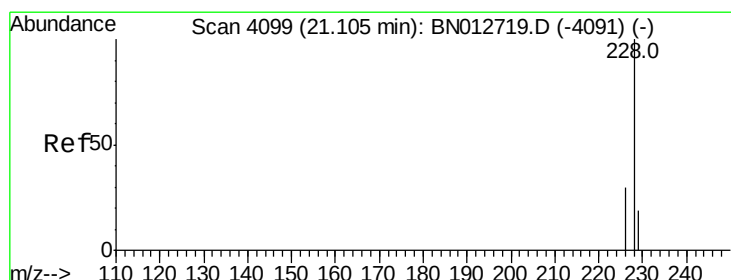
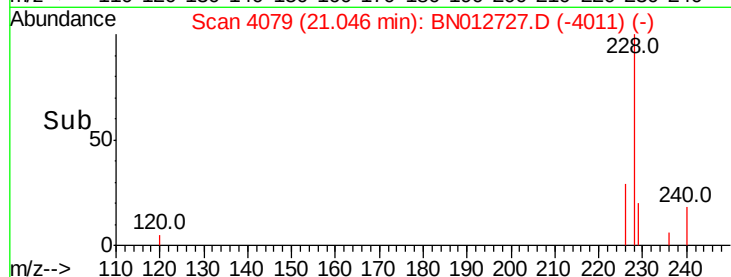
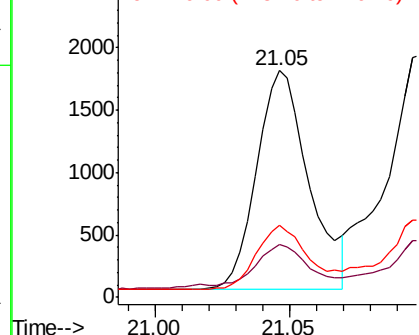
228 100

229 23.5 16.9 25.3

226 31.8 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: 0.213 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

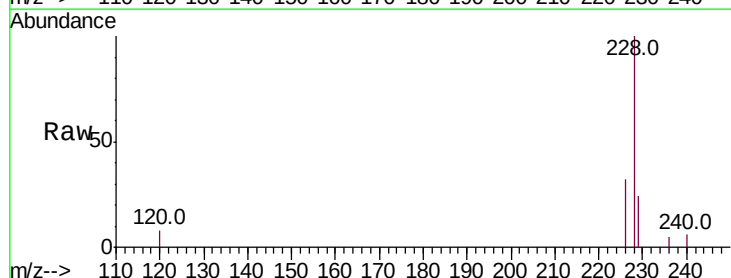
Tgt Ion:228 Resp: 3052

Ion Ratio Lower Upper

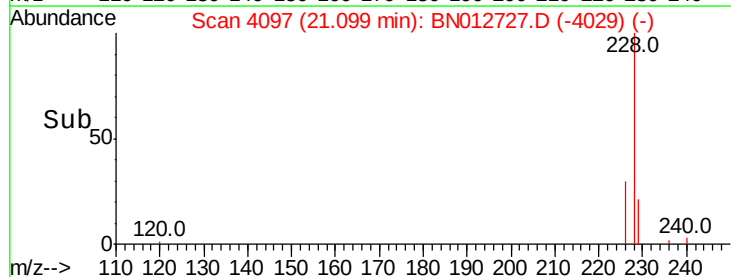
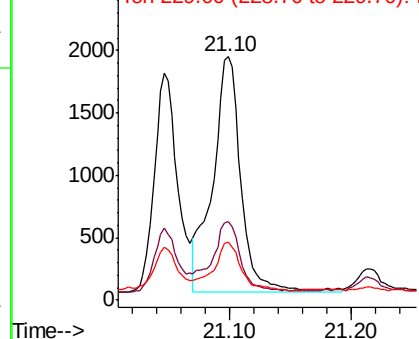
228 100

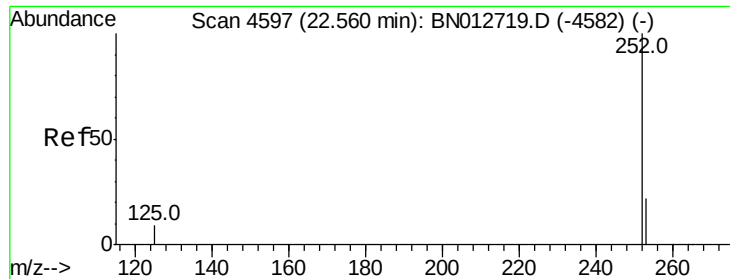
226 32.3 24.4 36.6

229 23.9 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: 0.365 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

ClientSampleId :

C0AY6

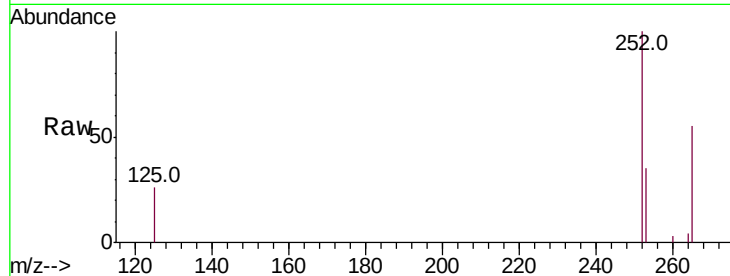
Tot Ion:252 Resp: 5919

Ion Ratio Lower Upper

252 100

253 35.5 0.0 58.4

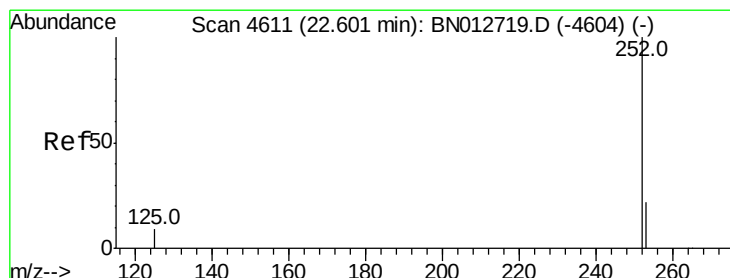
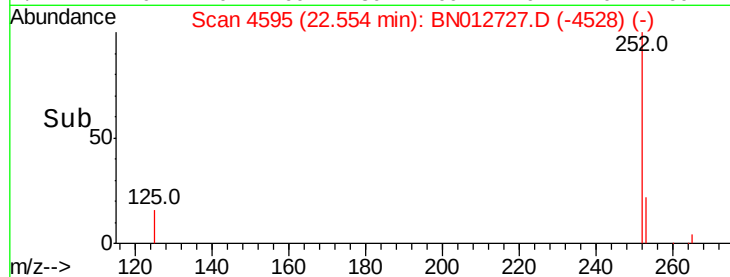
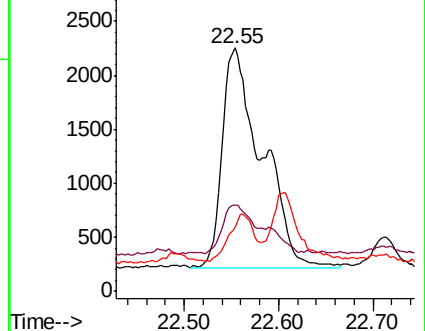
125 26.4 0.0 28.6



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: 0.316 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.04 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

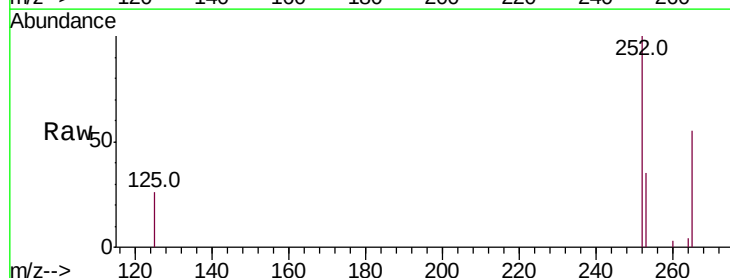
Tgt Ion:252 Resp: 5919

Ion Ratio Lower Upper

252 100

253 35.5 23.4 35.2#

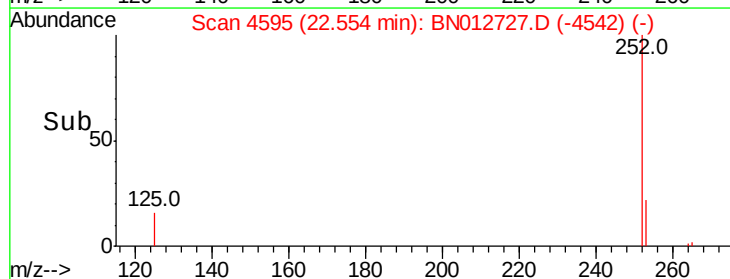
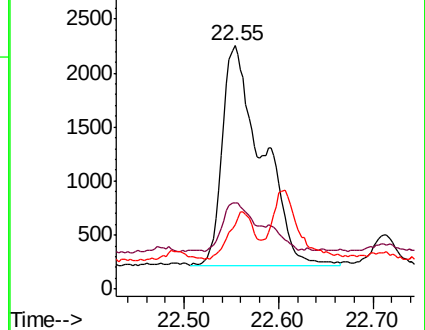
125 26.4 10.2 15.2#

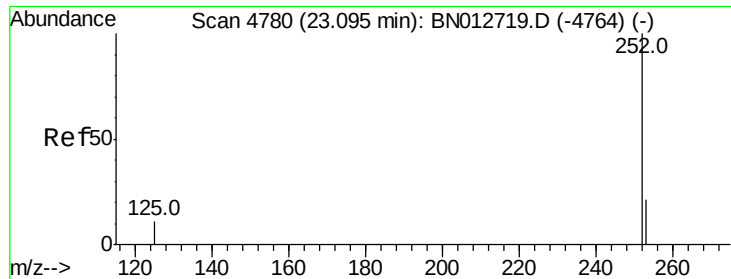


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.183 ng/ul

RT: 23.08 min Scan# 4776

Delta R.T. -0.01 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

ClientSampleId :

C0AY6

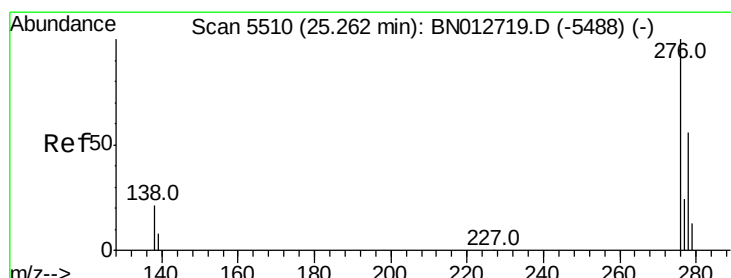
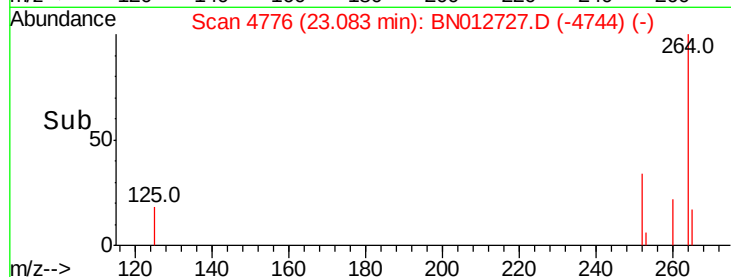
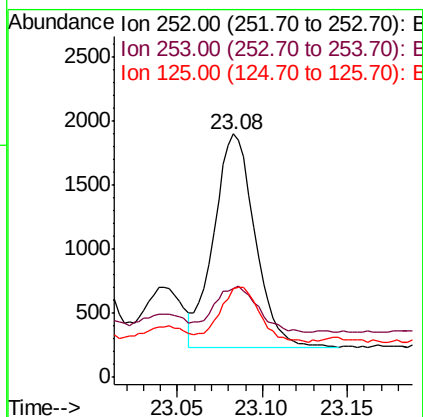
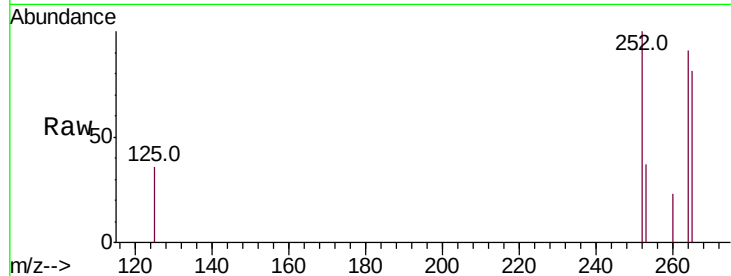
Tot Ion:252 Resp: 2789

Ion Ratio Lower Upper

252 100

253 36.7 27.6 41.4

125 36.5 17.0 25.4#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.106 ng/ul

RT: 25.26 min Scan# 5508

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

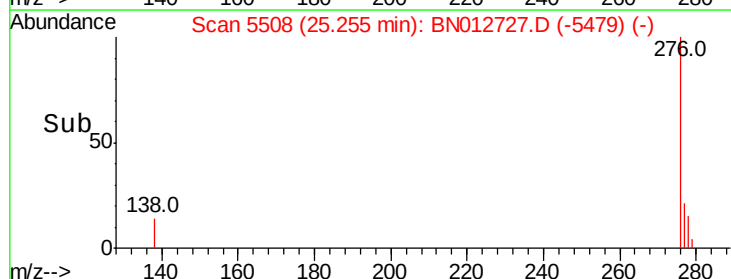
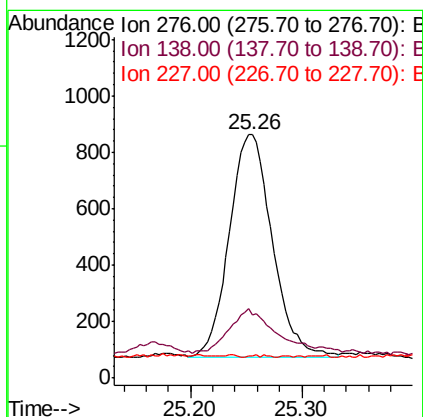
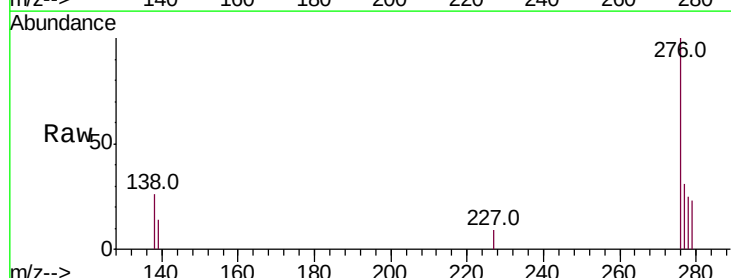
Tgt Ion:276 Resp: 2113

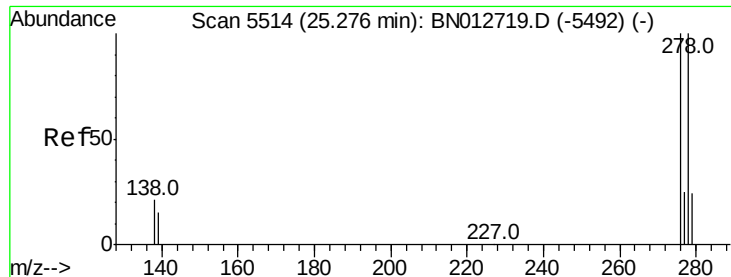
Ion Ratio Lower Upper

276 100

138 22.8 16.5 24.7

227 0.2 0.1 0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 25.26 min Scan# 5510

Delta R.T. -0.01 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

ClientSampleId :

C0AY6

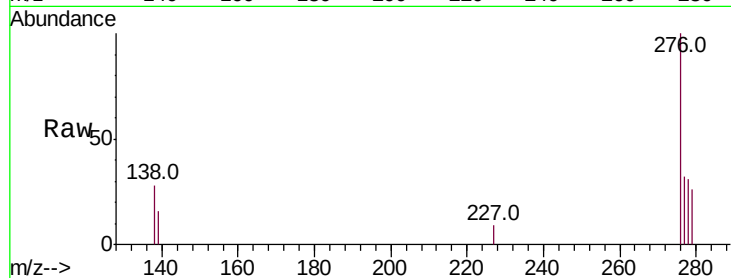
Tot Ion:278 Resp: 458

Ion Ratio Lower Upper

278 100

139 51.0 13.8 20.8#

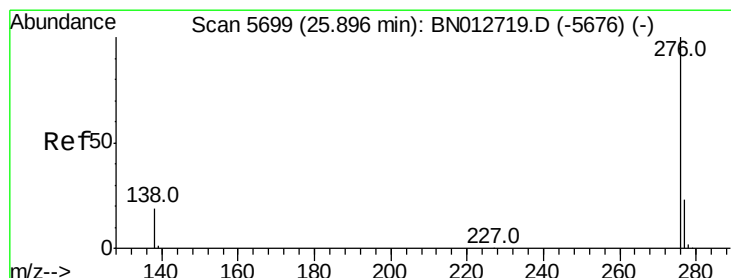
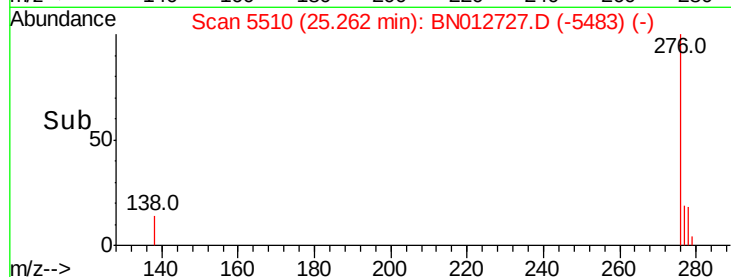
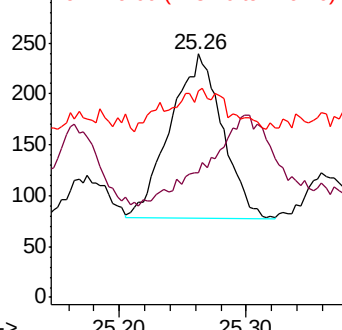
279 84.9 25.6 38.4#



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: 0.112 ng/ul

RT: 25.89 min Scan# 5696

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

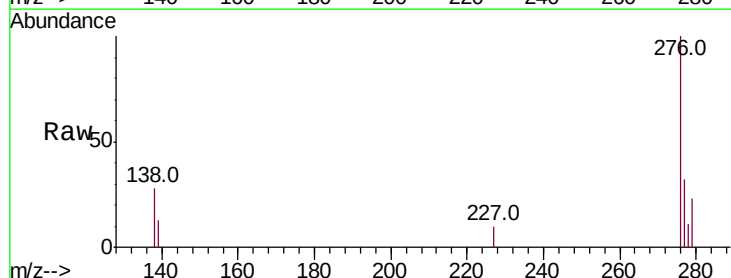
Tgt Ion:276 Resp: 2014

Ion Ratio Lower Upper

276 100

138 28.2 16.3 24.5#

277 32.5 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

