

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012728.D
 Acq On : 24 Nov 2020 22:15
 Operator : CG/JU
 Sample : L4751-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BF9

Quant Time: Nov 25 01:48:55 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

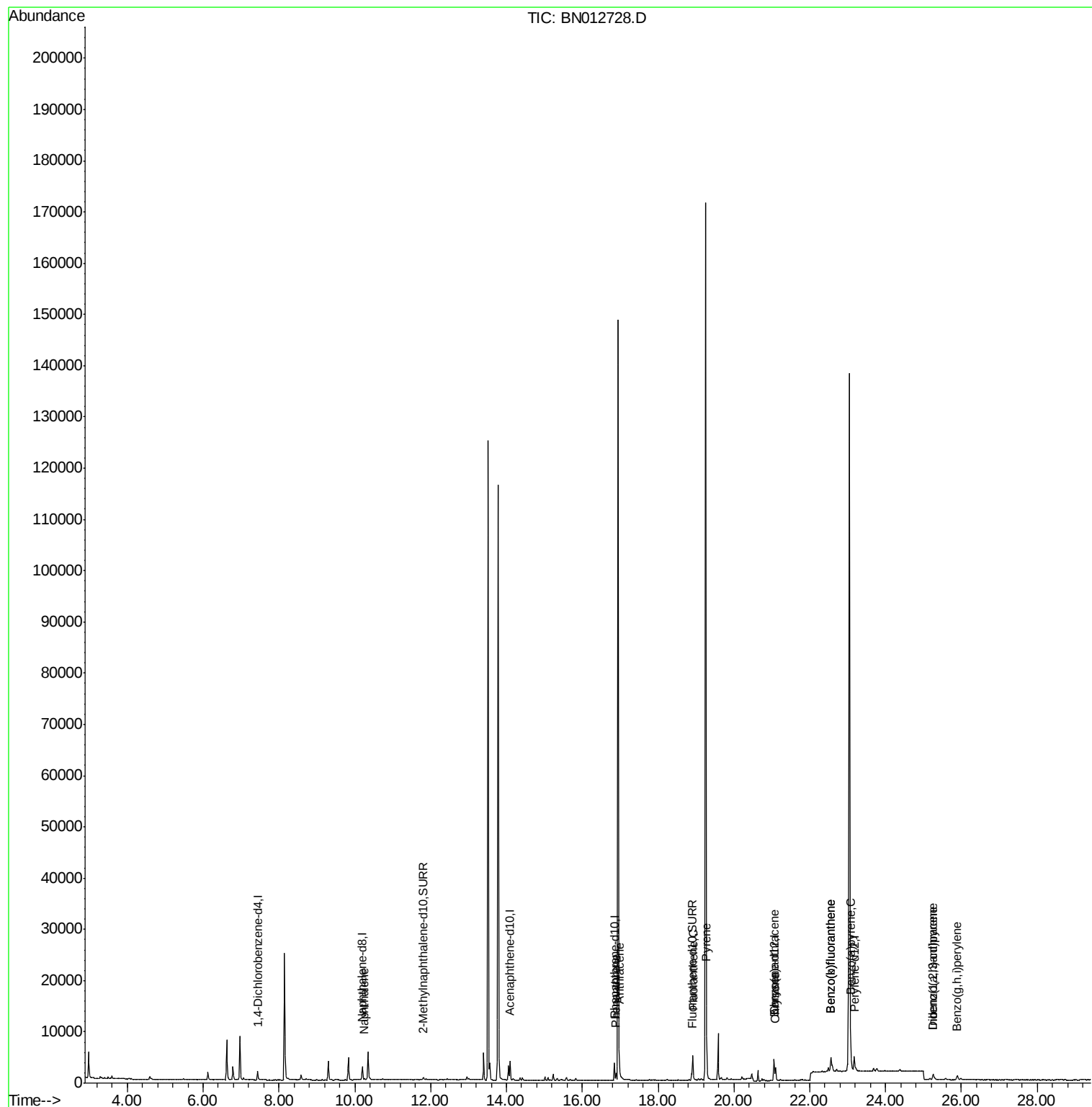
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	834	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3422	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	1994	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	3957	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3185	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3402	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	742	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1605	0.16	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.25	128	218	0.021	ng/ul#	46
12) Phenanthrene	16.89	178	1539	0.112	ng/ul	94
13) Anthracene	16.98	178	281	0.023	ng/ul#	57
15) Fluoranthene	18.92	202	4329	0.272	ng/ul	96
17) Pyrene	19.28	202	4261	0.299	ng/ul#	92
18) Benzo(a)anthracene	21.05	228	1943	0.170	ng/ul	95
19) Chrysene	21.10	228	2620	0.184	ng/ul	94
21) Benzo(b)fluoranthene	22.55	252	5093	0.325	ng/ul#	72
22) Benzo(k)fluoranthene	22.55	252	5093	0.282	ng/ul#	71
23) Benzo(a)pyrene	23.08	252	2329	0.158	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	25.25	276	1723	0.089	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.26	278	387	0.025	ng/ul#	1
26) Benzo(g,h,i)perylene	25.89	276	1643	0.095	ng/ul#	80

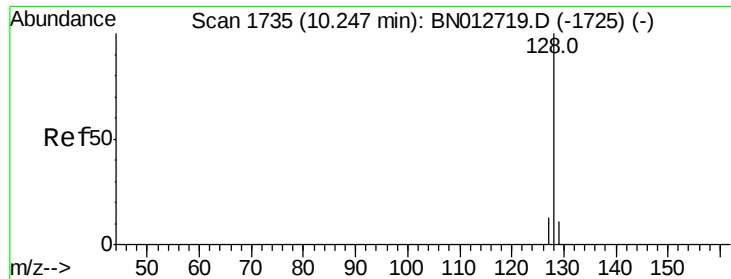
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 25 01:45:20 2020
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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.25 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

ClientSampleId :

C0BF9

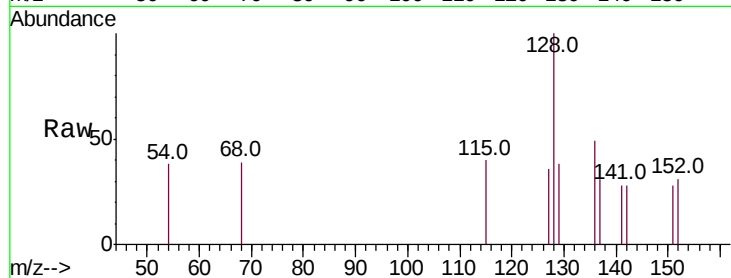
Tot Ion:128 Resp: 218

Ion Ratio Lower Upper

128 100

129 38.4 11.2 16.8#

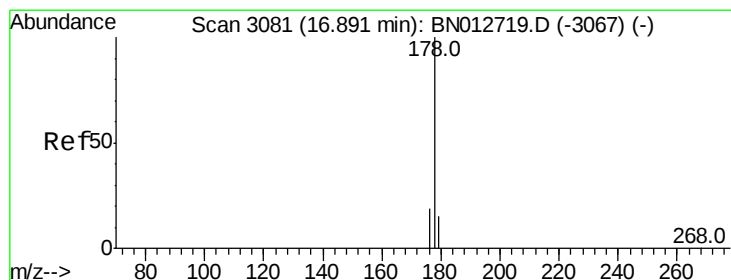
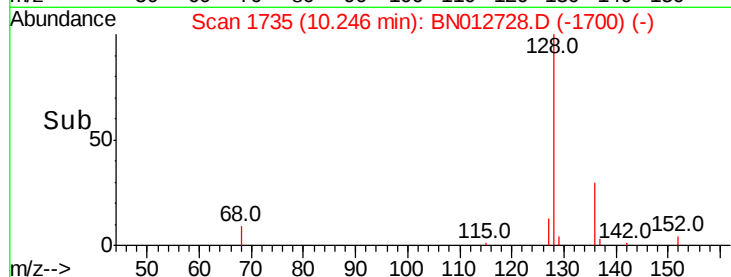
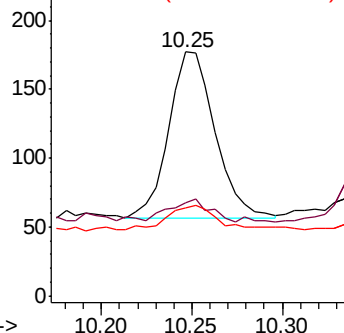
127 36.2 12.5 18.7#



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



#12

Phenanthrene

Concen: 0.112 ng/ul

RT: 16.89 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

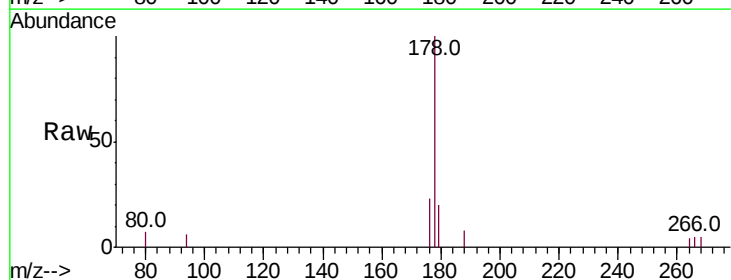
Tgt Ion:178 Resp: 1539

Ion Ratio Lower Upper

178 100

179 19.9 13.8 20.6

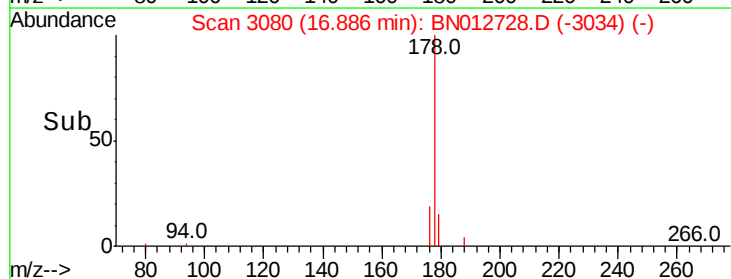
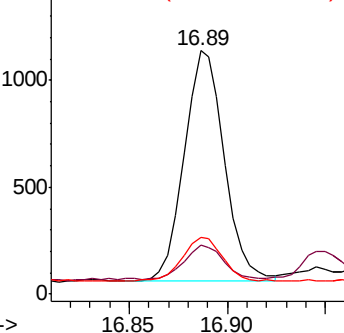
176 23.4 16.7 25.1

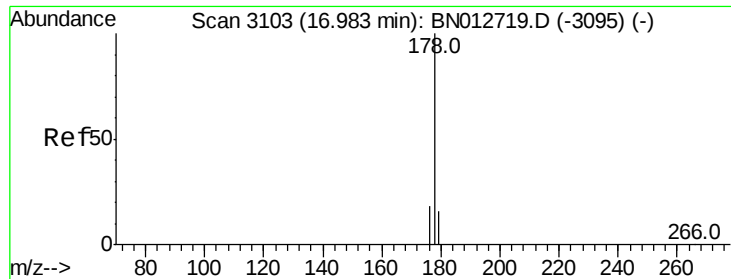


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.023 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

ClientSampleId :

C0BF9

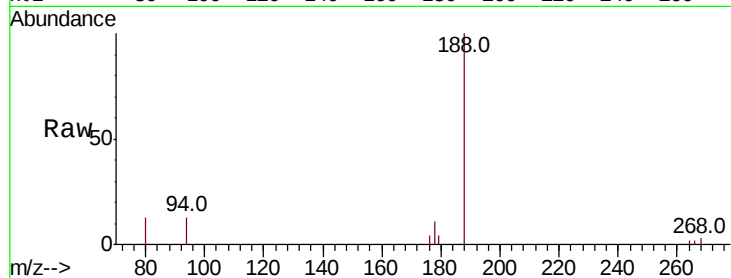
Tot Ion:178 Resp: 281

Ion Ratio Lower Upper

178 100

179 38.6 14.8 22.2#

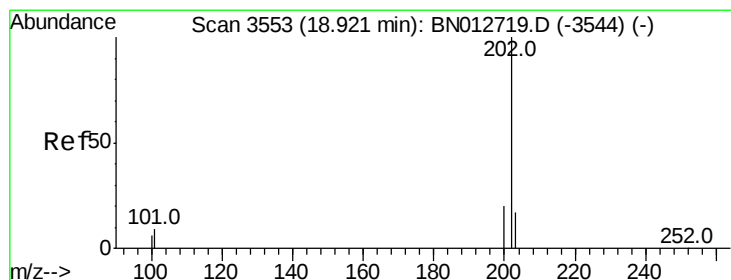
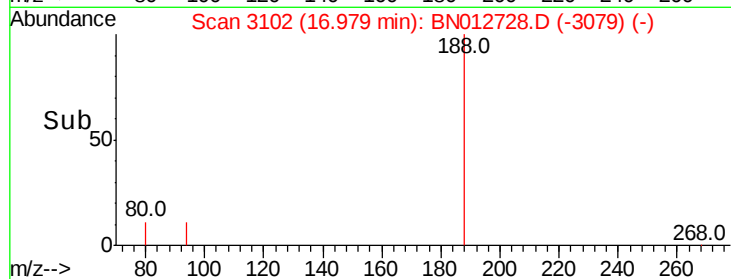
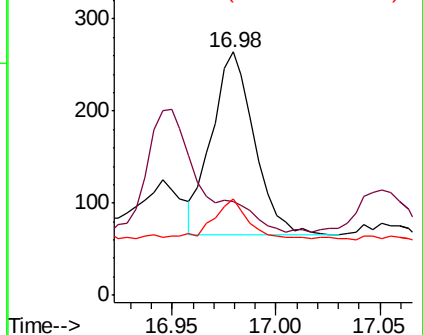
176 39.8 16.3 24.5#



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: 0.272 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

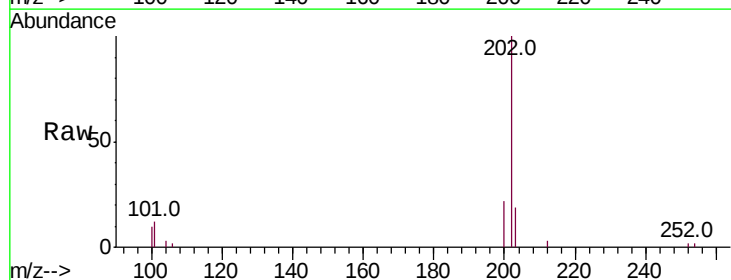
Tgt Ion:202 Resp: 4329

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.5

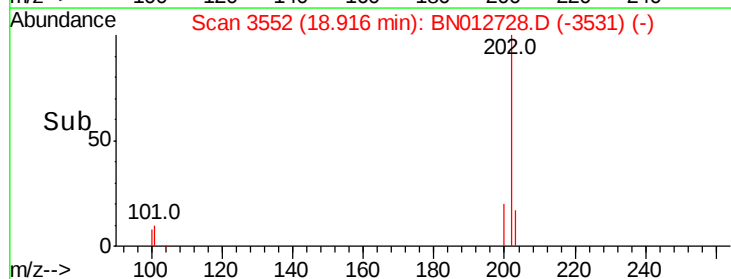
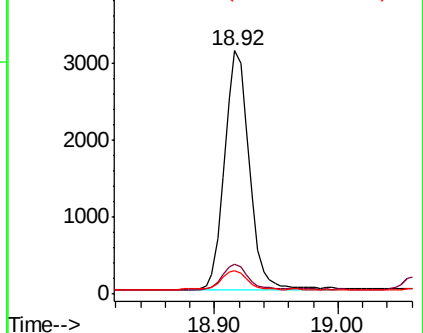
100 9.6 0.0 28.4

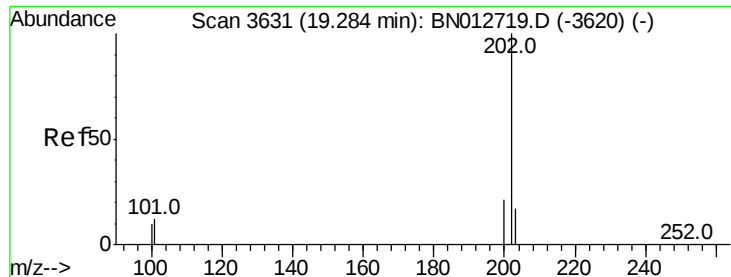


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

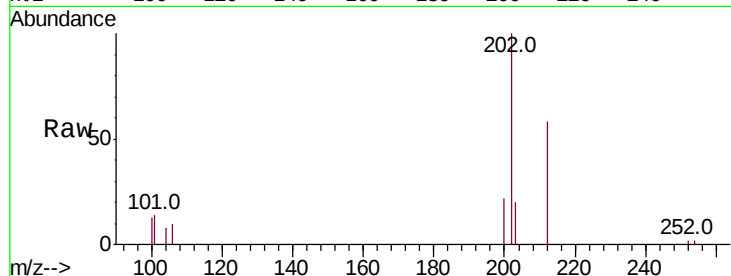




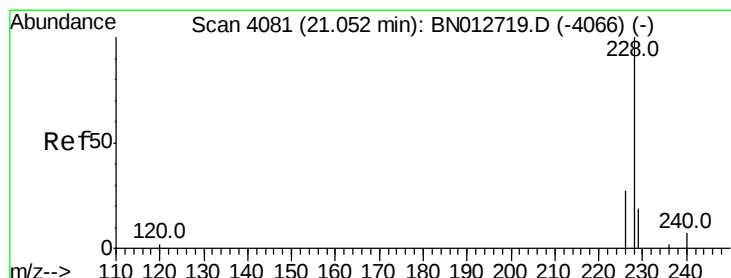
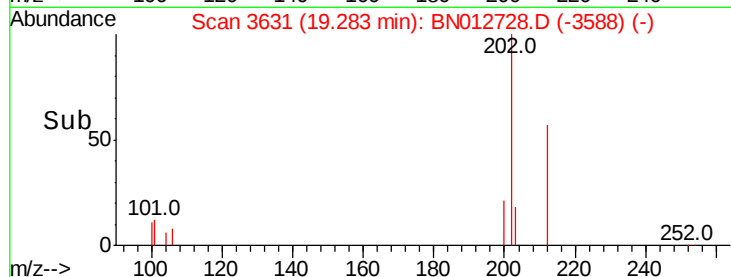
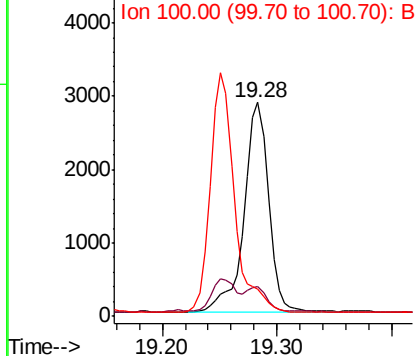
#17
Pvrene
Concen: 0.299 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. 0.00 min
Lab File: BN012728.D
Acq: 24 Nov 2020 22:15

Instrument :
BNA_N
ClientSampleId :
C0BF9

Tot Ion:202 Resp: 4261
Ion Ratio Lower Upper
202 100
101 14.0 8.9 13.3#
100 12.7 7.4 11.2#

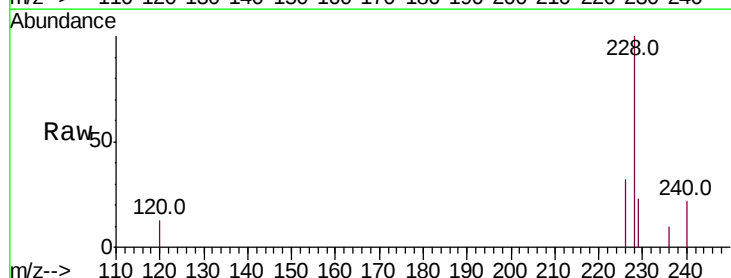


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

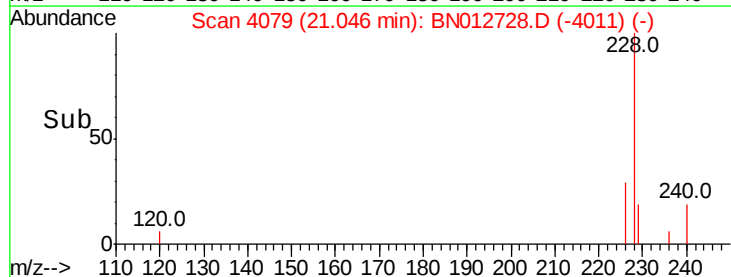
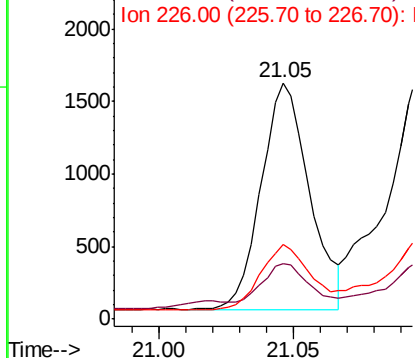


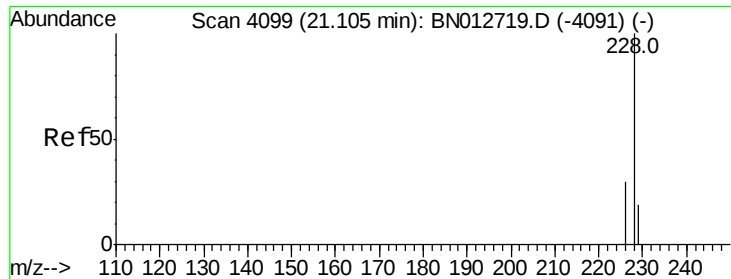
#18
Benzo(a)anthracene
Concen: 0.170 ng/ul
RT: 21.05 min Scan# 4079
Delta R.T. -0.00 min
Lab File: BN012728.D
Acq: 24 Nov 2020 22:15

Tgt Ion:228 Resp: 1943
Ion Ratio Lower Upper
228 100
229 23.4 16.9 25.3
226 31.6 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: 0.184 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

ClientSampleId :

C0BF9

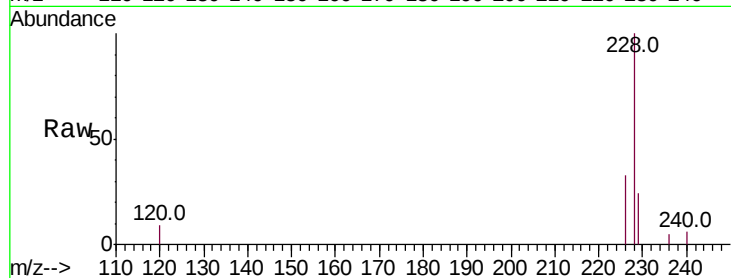
Tot Ion:228 Resp: 2620

Ion Ratio Lower Upper

228 100

226 33.1 24.4 36.6

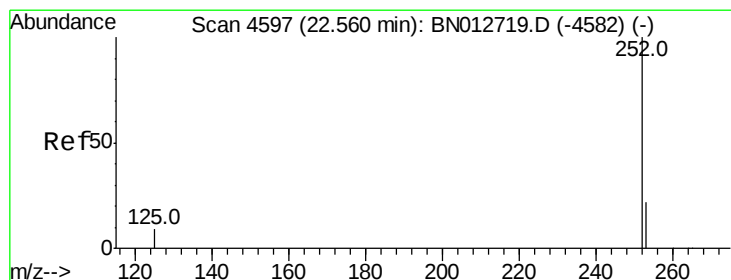
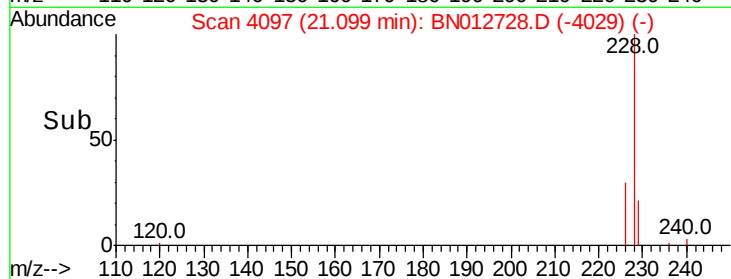
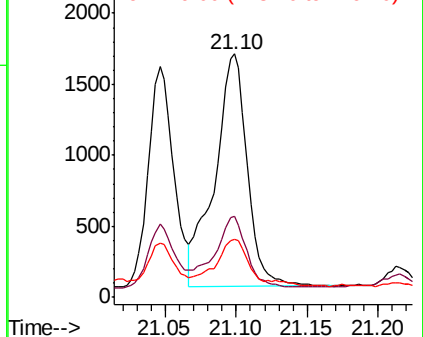
229 24.0 16.1 24.1



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: 0.325 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

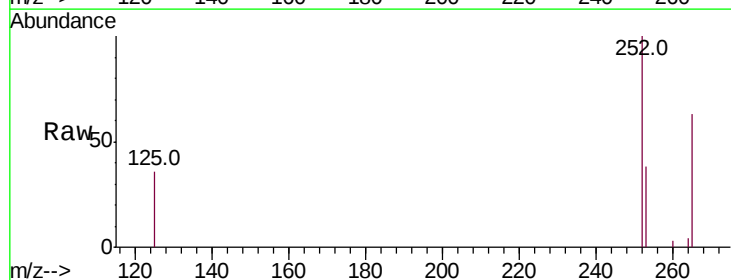
Tgt Ion:252 Resp: 5093

Ion Ratio Lower Upper

252 100

253 38.0 0.0 58.4

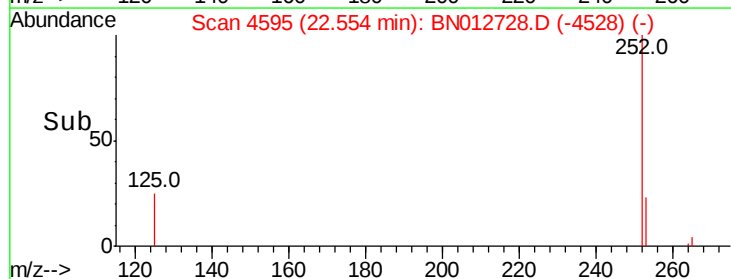
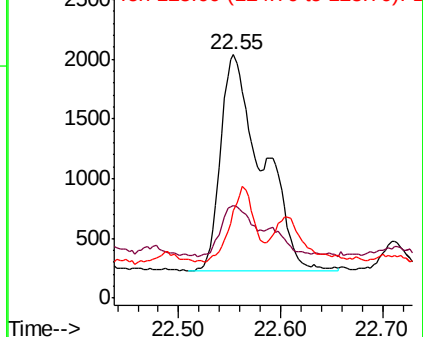
125 35.8 0.0 28.6#

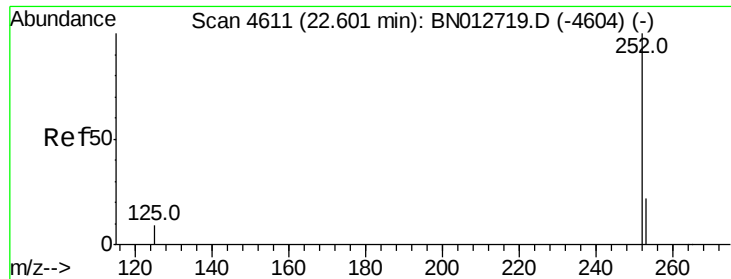


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.282 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.04 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

ClientSampleId :

C0BF9

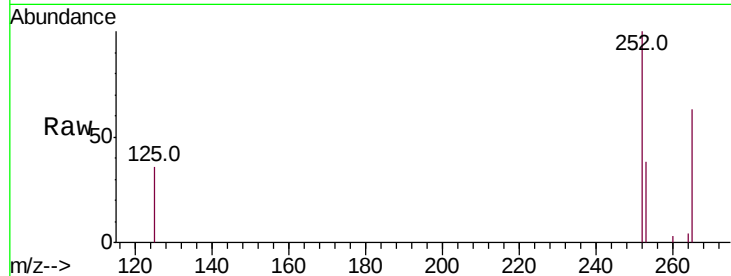
Tot Ion:252 Resp: 5093

Ion Ratio Lower Upper

252 100

253 38.0 23.4 35.2#

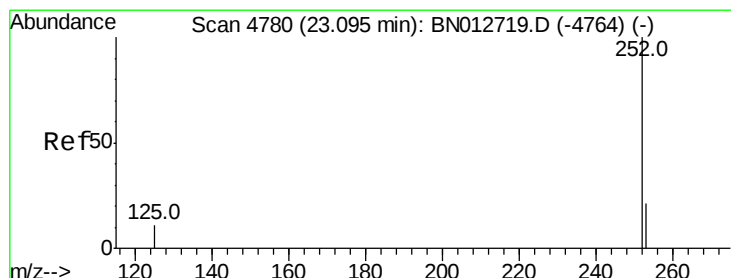
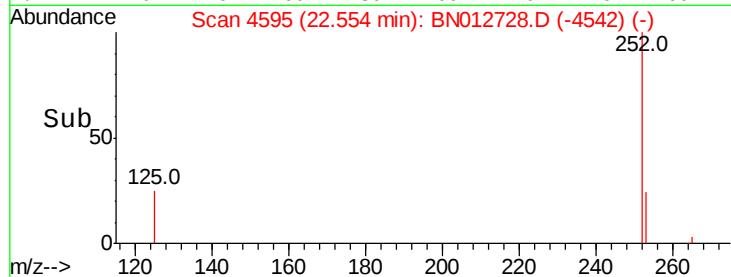
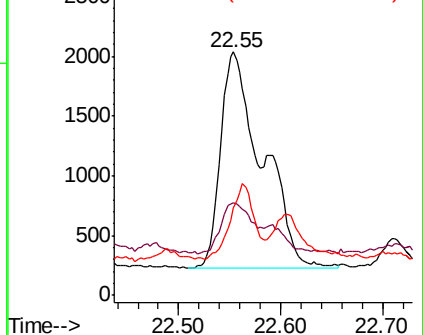
125 35.8 10.2 15.2#



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: 0.158 ng/ul

RT: 23.08 min Scan# 4776

Delta R.T. -0.01 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

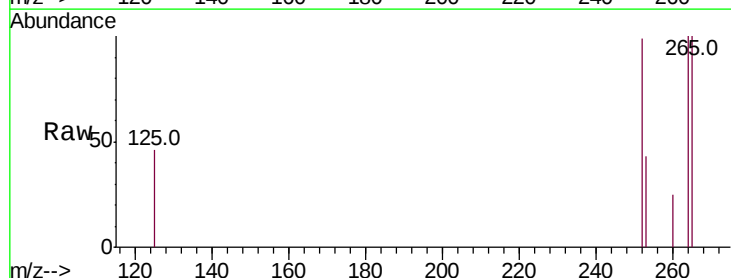
Tgt Ion:252 Resp: 2329

Ion Ratio Lower Upper

252 100

253 43.1 27.6 41.4#

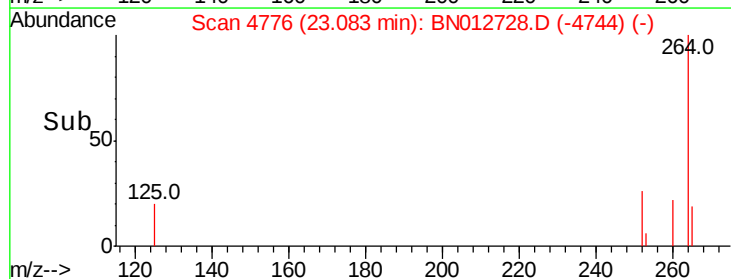
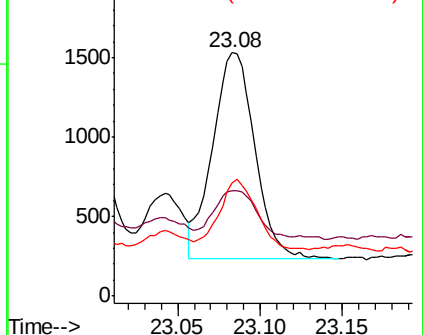
125 46.2 17.0 25.4#

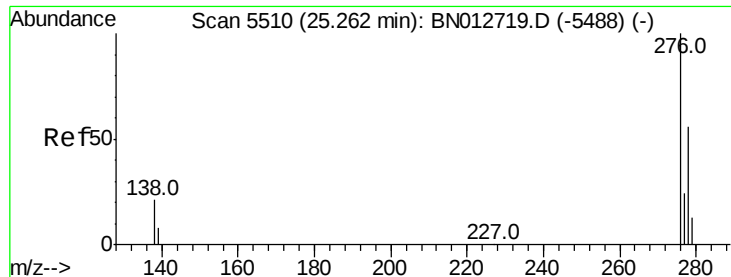


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



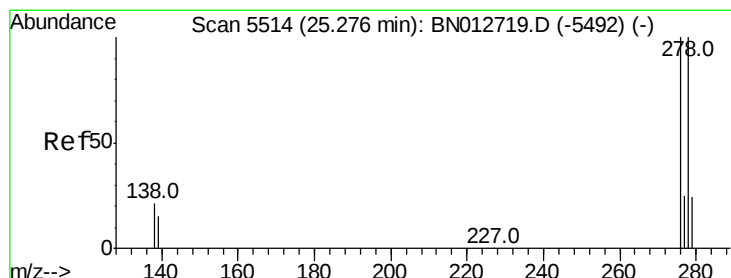
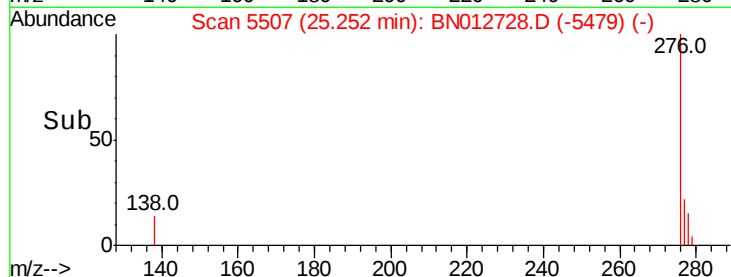
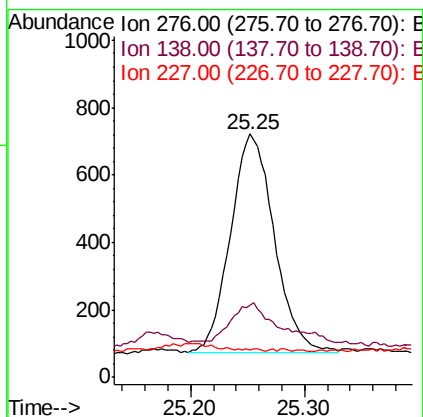
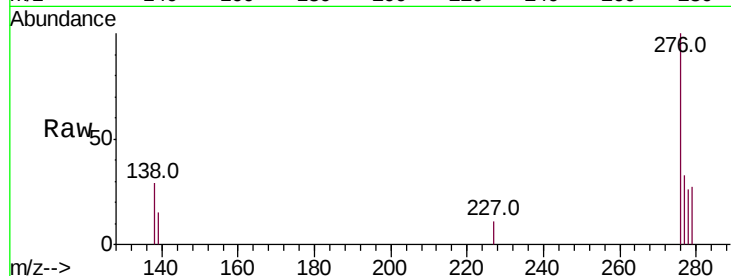


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/u1
RT: 25.25 min Scan# 5507
Delta R.T. -0.01 min
Lab File: BN012728.D
Acq: 24 Nov 2020 22:15

Instrument :
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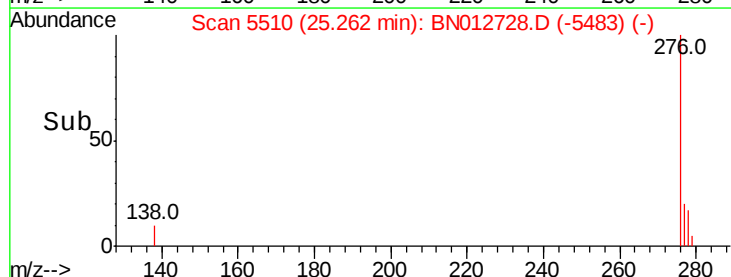
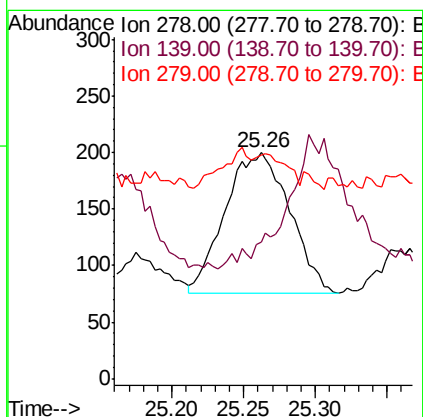
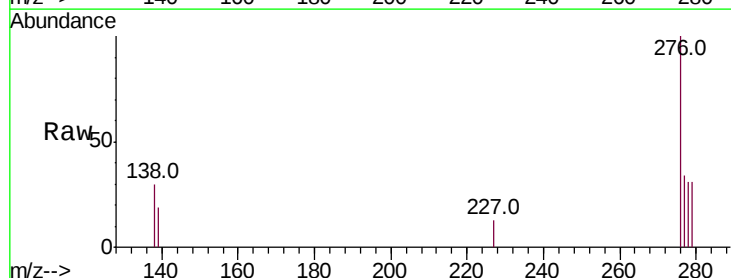
Tot Ion:276 Resp: 1723
Ion Ratio Lower Upper
276 100
138 23.7 16.5 24.7
227 0.3 0.1 0.1#

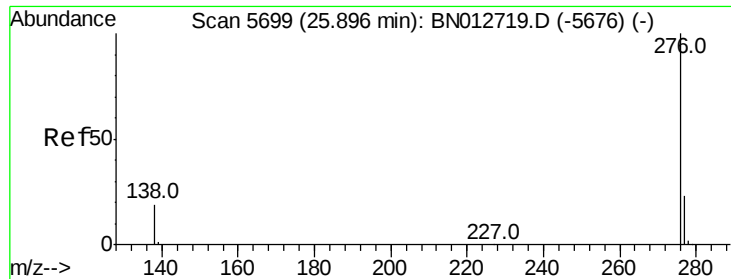


#25

Dibenzo(a,h)anthracene
Concen: 0.025 ng/u1
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012728.D
Acq: 24 Nov 2020 22:15

Tgt Ion:278 Resp: 387
Ion Ratio Lower Upper
278 100
139 60.5 13.8 20.8#
279 99.0 25.6 38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.095 ng/ul

RT: 25.89 min Scan# 5697

Delta R.T. 0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

ClientSampleId :

C0BF9

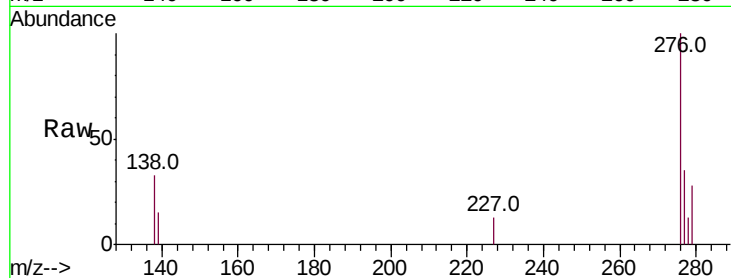
Tot Ion:276 Resp: 1643

Ion Ratio Lower Upper

276 100

138 32.8 16.3 24.5#

277 35.5 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

