

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011305.D
 Acq On : 30 Jul 2020 19:16
 Operator : CG/JU
 Sample : L3388-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

Quant Time: Jul 31 03:00:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 02:58:38 2020
 Response via : Initial Calibration

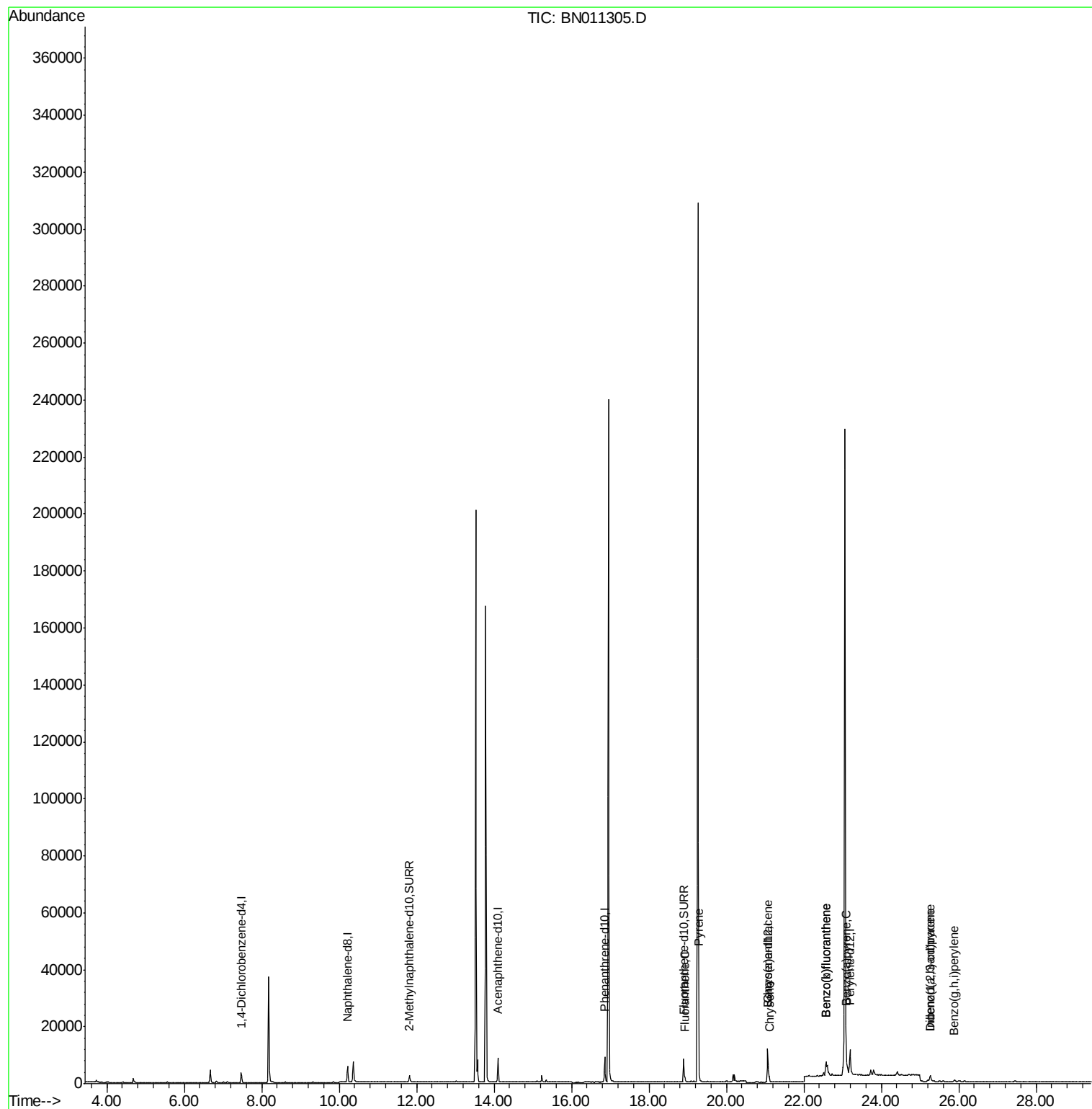
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1926	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	7341	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	4672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	10635	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	9975	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	10925	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	3450	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	9293	0.18	ng/ul	0.00
Target Compounds				Ovalue		
15) Fluoranthene	18.93	202	1677	0.039	ng/ul	87
17) Pyrene	19.29	202	2523	0.056	ng/ul#	88
18) Benzo(a)anthracene	21.06	228	1971	0.051	ng/ul	92
19) Chrysene	21.11	228	2522	0.057	ng/ul#	92
21) Benzo(b)fluoranthene	22.57	252	10938	0.240	ng/ul	89
22) Benzo(k)fluoranthene	22.57	252	10938	0.214	ng/ul	93
23) Benzo(a)pyrene	23.10	252	3708	0.094	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.27	276	3218	0.077	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.27	278	840	0.025	ng/ul#	30
26) Benzo(g,h,i)perylene	25.89	276	1255	0.033	ng/ul#	74

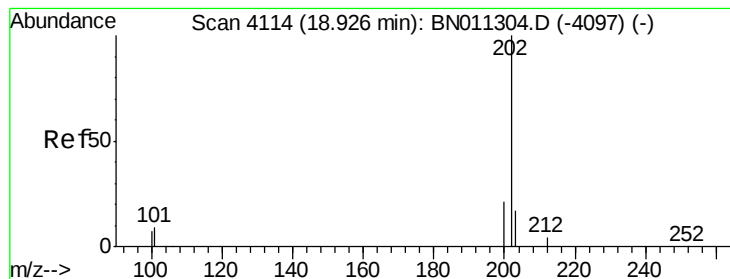
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011305.D
Acq On : 30 Jul 2020 19:16
Operator : CG/JU
Sample : L3388-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD3

Quant Time: Jul 31 03:00:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 02:58:38 2020
Response via : Initial Calibration





#15

Fluoranthene

Concen: 0.039 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. -0.00 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

Instrument :

BNA_N

ClientSampleId :

C0AD3

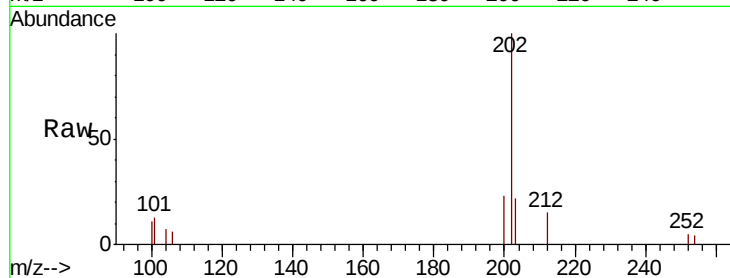
Tot Ion:202 Resp: 1677

Ion Ratio Lower Upper

202 100

101 13.3 0.0 28.2

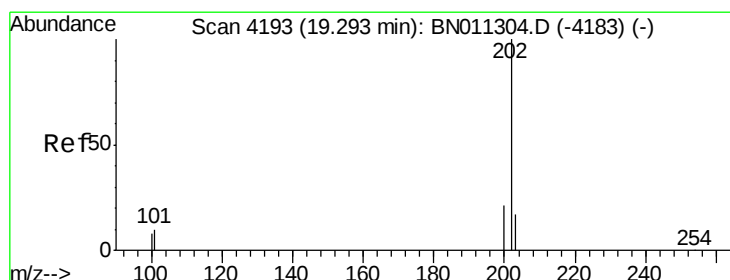
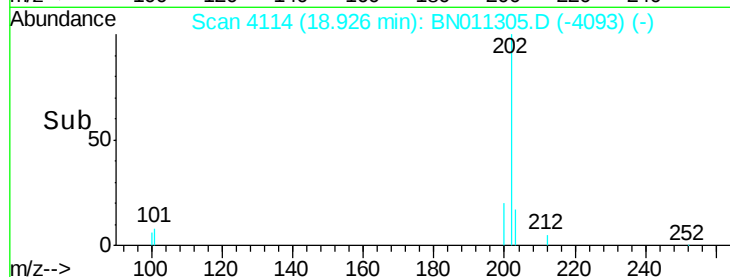
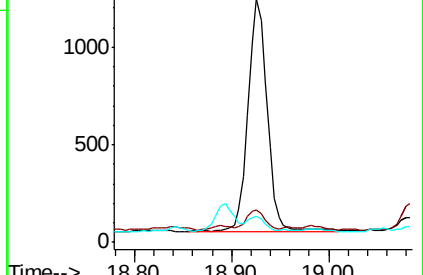
100 10.7 0.0 26.8



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: 0.056 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

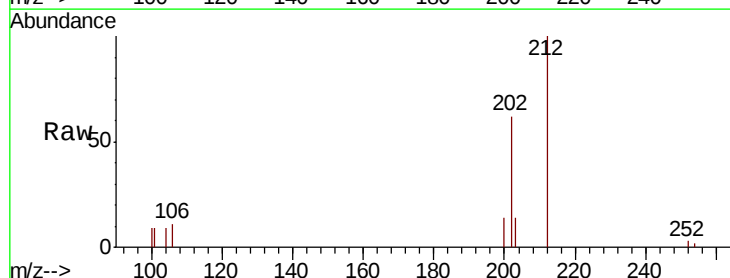
Tgt Ion:202 Resp: 2523

Ion Ratio Lower Upper

202 100

101 14.5 8.5 12.7#

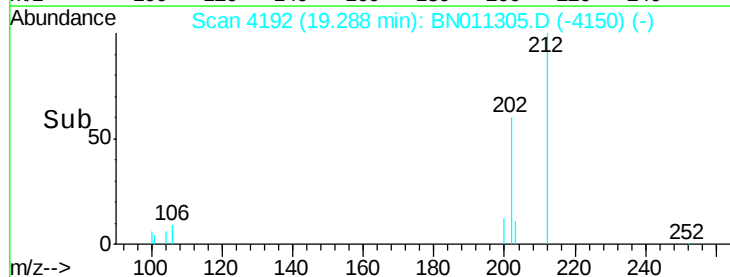
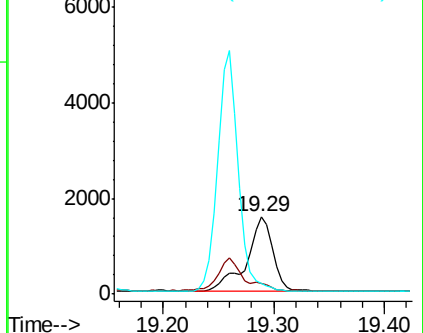
100 14.0 7.1 10.7#

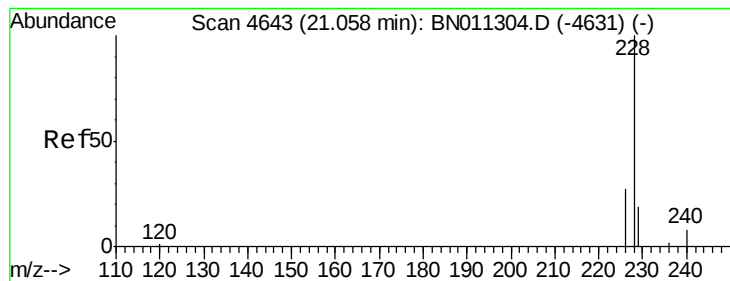


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.051 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. -0.00 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

Instrument :

BNA_N

ClientSampleId :

C0AD3

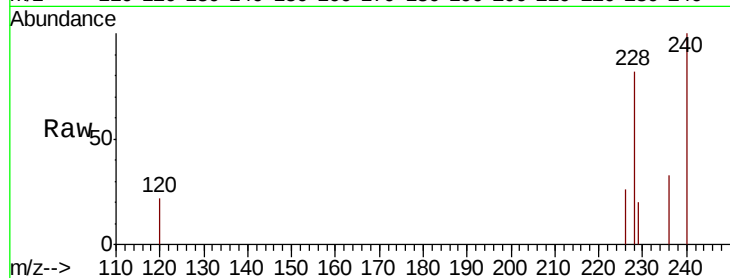
Tot Ion:228 Resp: 1971

Ion Ratio Lower Upper

228 100

229 23.8 16.1 24.1

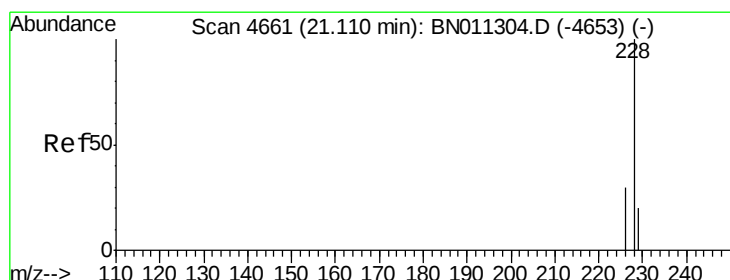
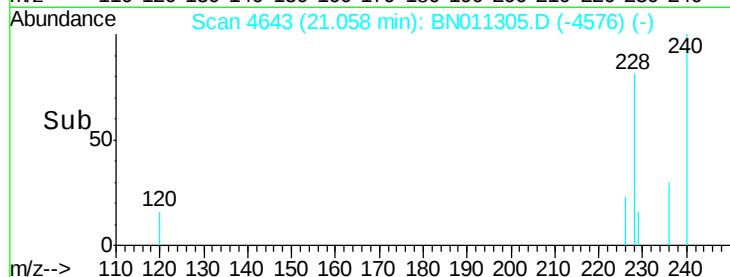
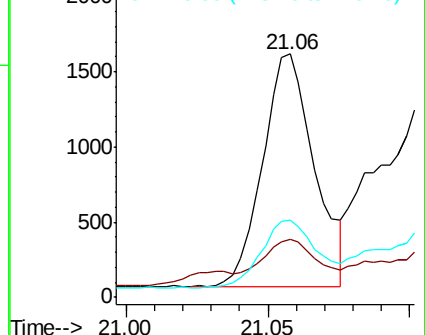
226 31.6 22.2 33.2



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: 0.057 ng/ul

RT: 21.11 min Scan# 4660

Delta R.T. -0.01 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

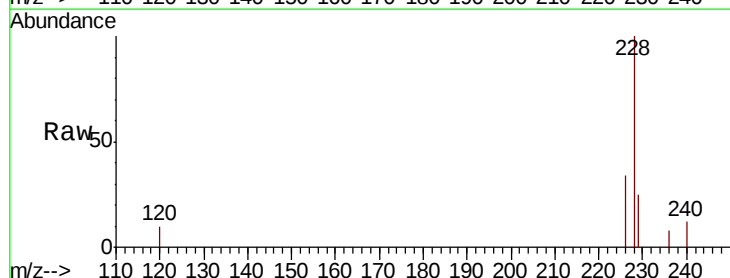
Tgt Ion:228 Resp: 2522

Ion Ratio Lower Upper

228 100

226 33.8 24.5 36.7

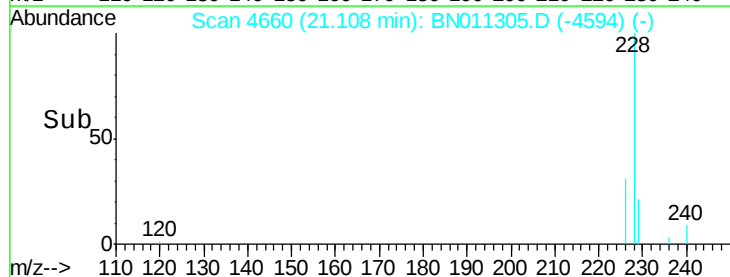
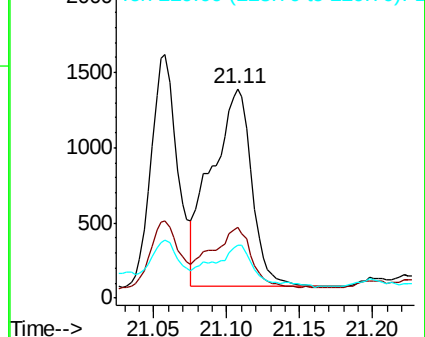
229 25.4 15.8 23.6#

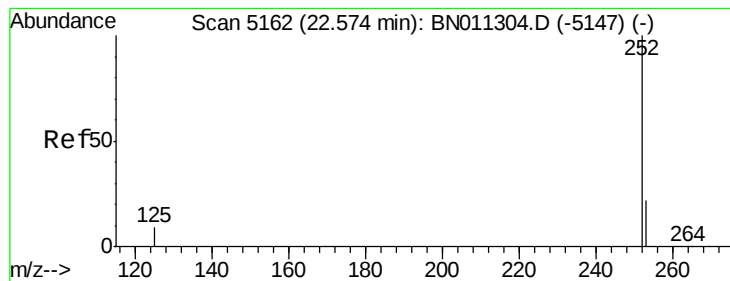


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.240 ng/ul

RT: 22.57 min Scan# 5161

Delta R.T. -0.01 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

Instrument :

BNA_N

ClientSampleId :

C0AD3

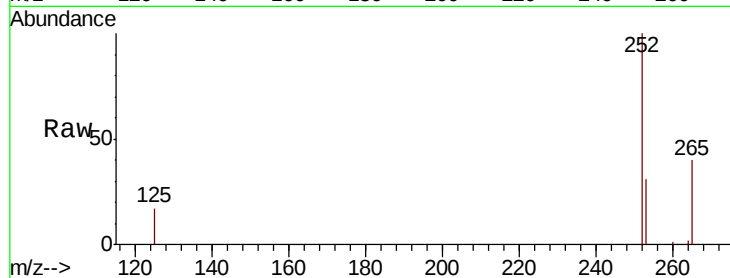
Tot Ion:252 Resp: 10938

Ion Ratio Lower Upper

252 100

253 31.3 0.0 51.8

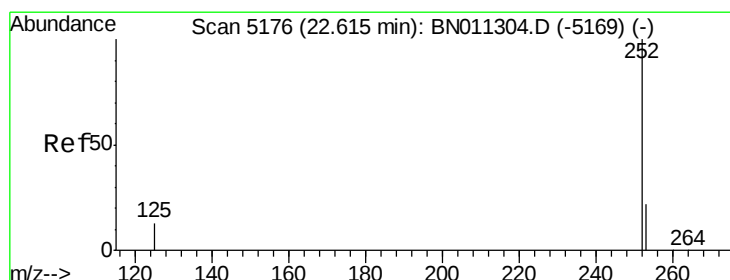
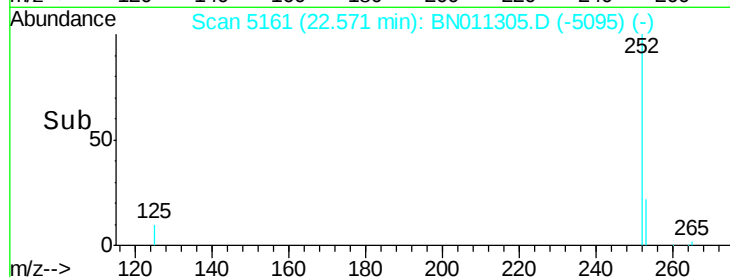
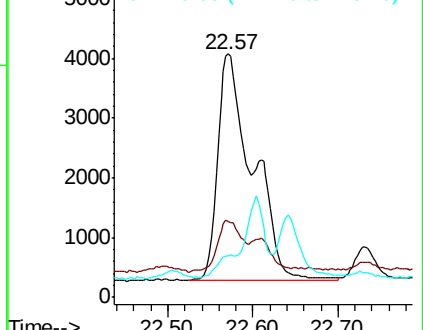
125 17.2 0.0 24.2



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



#22

Benzo(k)fluoranthene

Concen: 0.214 ng/ul

RT: 22.57 min Scan# 5161

Delta R.T. -0.05 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

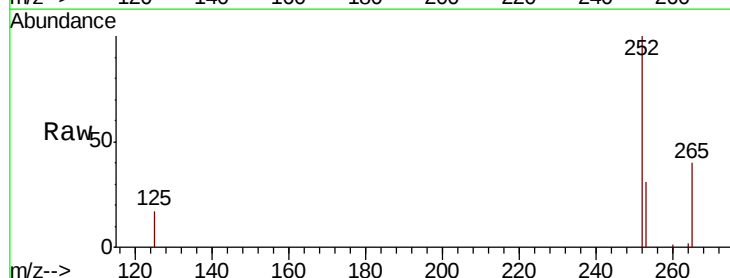
Tgt Ion:252 Resp: 10938

Ion Ratio Lower Upper

252 100

253 31.3 21.4 32.0

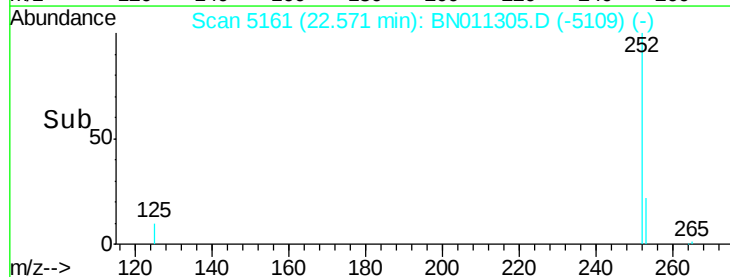
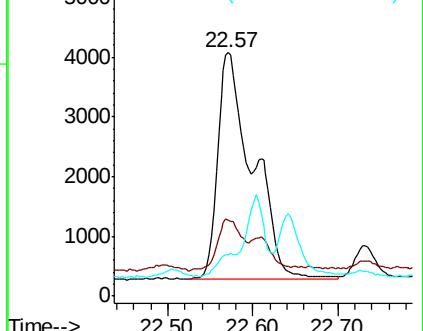
125 17.2 12.6 18.8

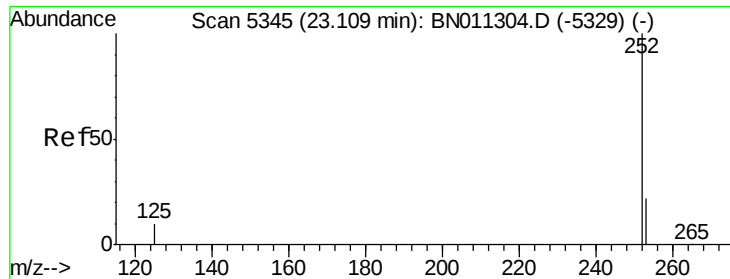


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.094 ng/ul

RT: 23.10 min Scan# 5342

Delta R.T. -0.01 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

Instrument :

BNA_N

ClientSampleId :

C0AD3

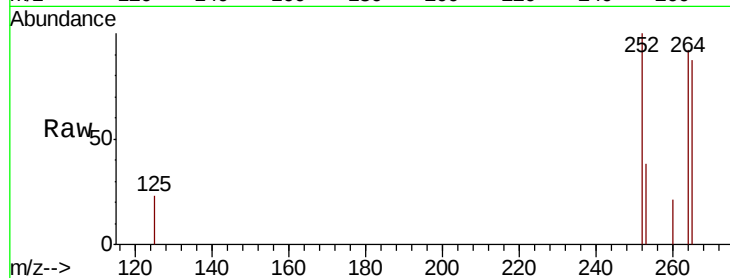
Tot Ion:252 Resp: 3708

Ion Ratio Lower Upper

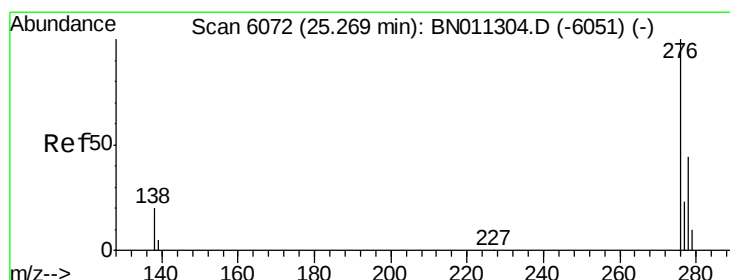
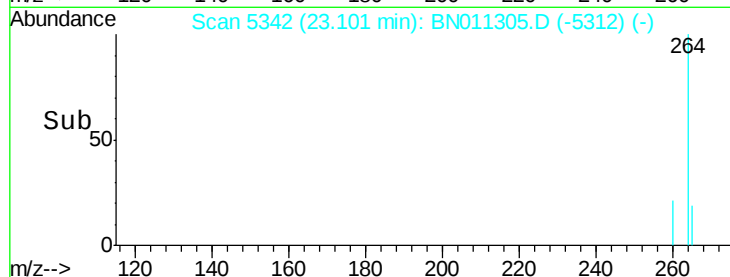
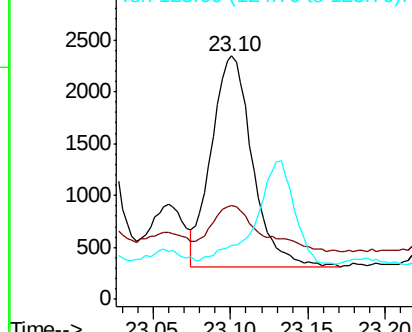
252 100

253 38.4 22.6 34.0#

125 22.5 12.6 18.8#



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: 0.077 ng/ul

RT: 25.27 min Scan# 6071

Delta R.T. -0.01 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

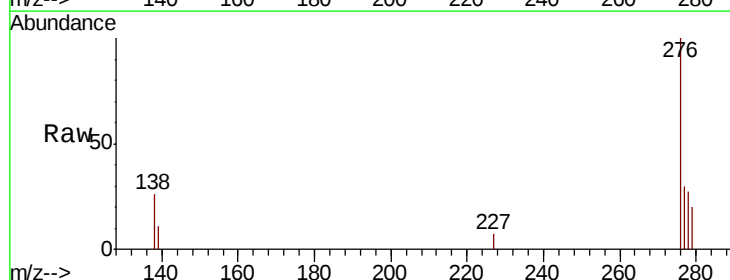
Tgt Ion:276 Resp: 3218

Ion Ratio Lower Upper

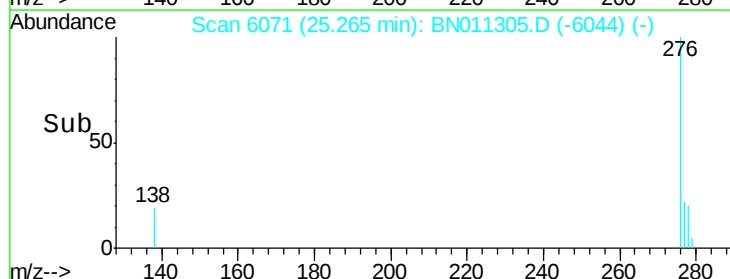
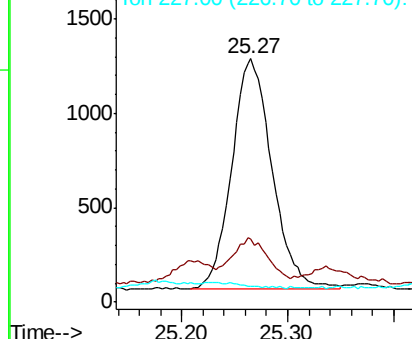
276 100

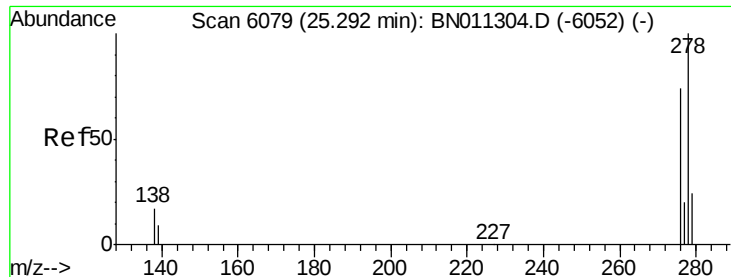
138 17.5 18.1 27.1#

227 0.0 0.2 0.4#



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: 0.025 ng/u1

RT: 25.27 min Scan# 6072

Delta R.T. -0.02 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

Instrument :

BNA_N

ClientSampleId :

C0AD3

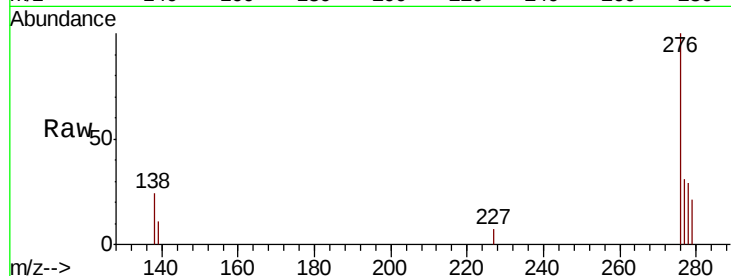
Tot Ion:278 Resp: 840

Ion Ratio Lower Upper

278 100

139 38.6 14.0 21.0#

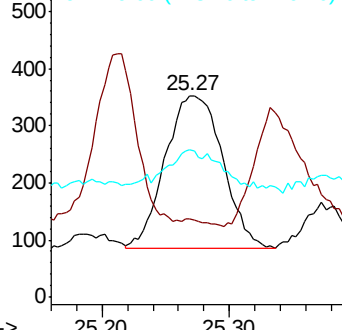
279 73.0 22.9 34.3#



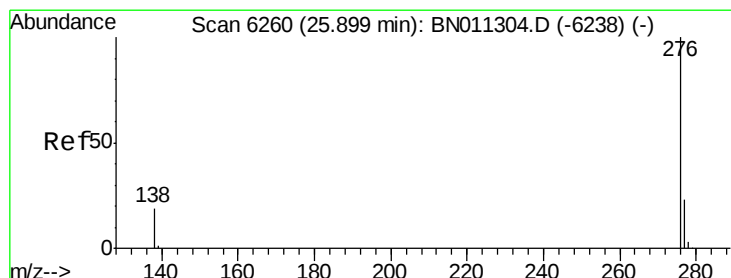
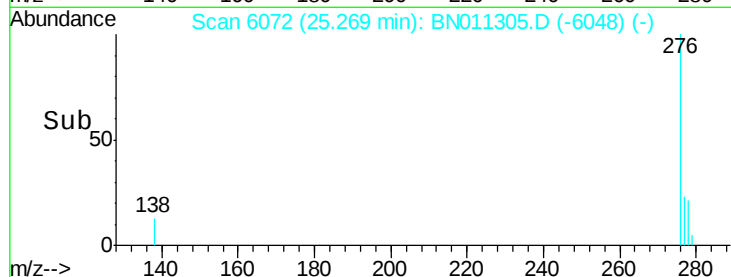
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.033 ng/u1

RT: 25.89 min Scan# 6257

Delta R.T. -0.02 min

Lab File: BN011305.D

Acq: 30 Jul 2020 19:16

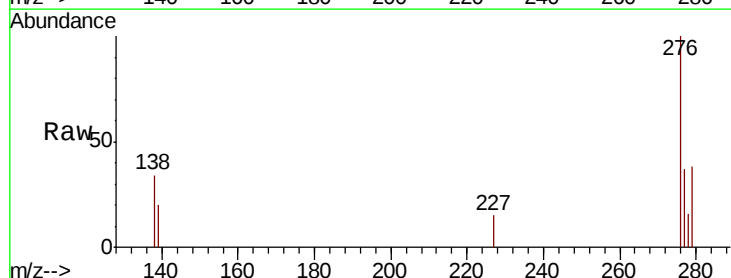
Tgt Ion:276 Resp: 1255

Ion Ratio Lower Upper

276 100

138 33.7 16.4 24.6#

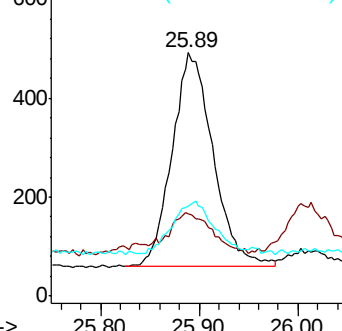
277 37.2 20.2 30.4#



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



Time-->

