

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012725.D
 Acq On : 24 Nov 2020 20:27
 Operator : CG/JU
 Sample : L4751-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX5

Quant Time: Nov 25 01:48:43 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

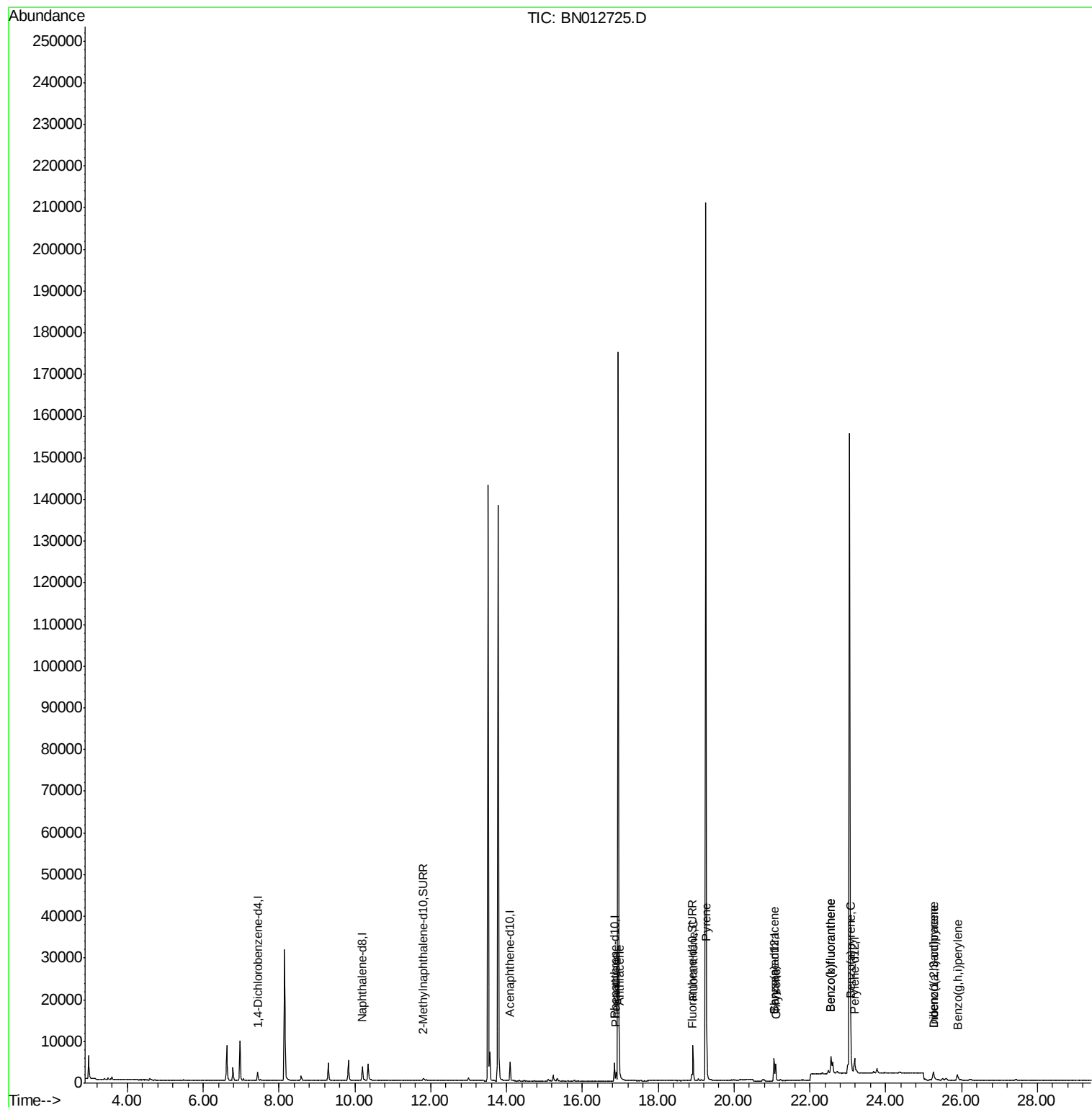
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1045	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4472	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2494	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4968	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3865	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4173	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	903	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1895	0.15	ng/ul	0.00
Target Compounds					Ovalue	
12) Phenanthrene	16.89	178	2259	0.131	ng/ul	98
13) Anthracene	16.98	178	380	0.025	ng/ul#	68
15) Fluoranthene	18.92	202	7568	0.379	ng/ul	98
17) Pyrene	19.28	202	7342	0.425	ng/ul#	94
18) Benzo(a)anthracene	21.05	228	3311	0.239	ng/ul	97
19) Chrysene	21.10	228	4366	0.252	ng/ul	97
21) Benzo(b)fluoranthene	22.55	252	8451	0.440	ng/ul	92
22) Benzo(k)fluoranthene	22.55	252	8451	0.382	ng/ul#	92
23) Benzo(a)pyrene	23.09	252	3873	0.214	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.26	276	2999	0.127	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.26	278	670	0.035	ng/ul#	29
26) Benzo(g,h,i)perylene	25.89	276	2785	0.131	ng/ul#	88

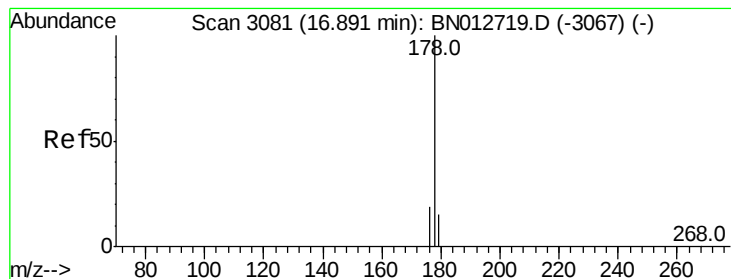
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 01:48:43 2020
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QLast Update : Wed Nov 25 01:45:20 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.131 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

Instrument :

BNA_N

ClientSampleId :

C0AX5

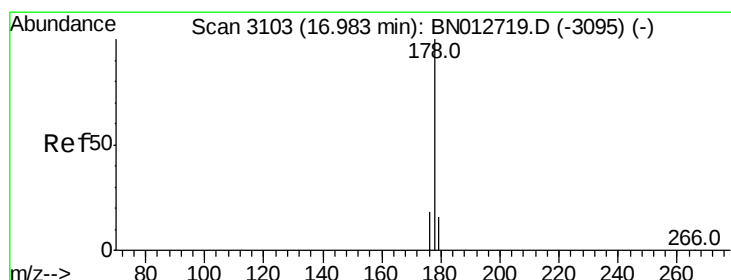
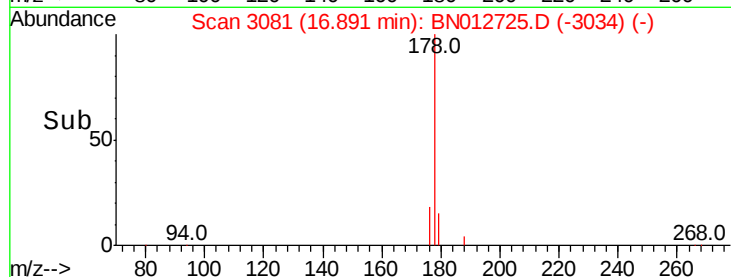
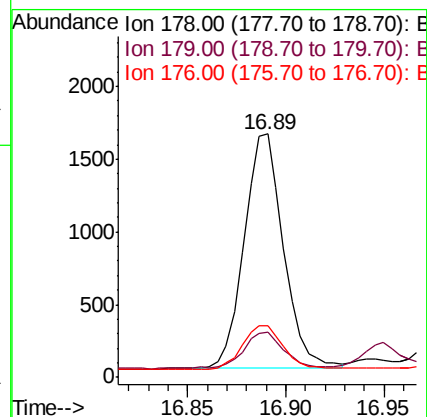
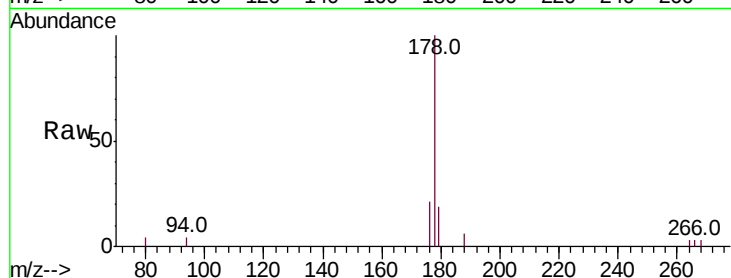
Tot Ion:178 Resp: 2259

Ion Ratio Lower Upper

178 100

179 18.6 13.8 20.6

176 21.1 16.7 25.1



#13

Anthracene

Concen: 0.025 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

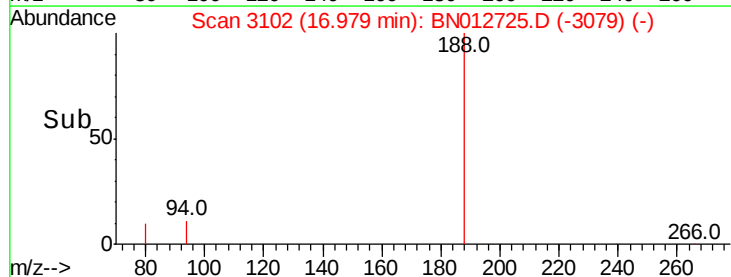
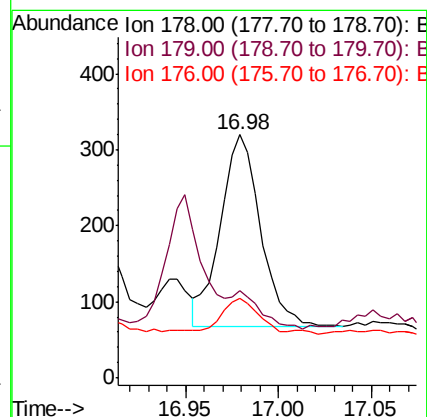
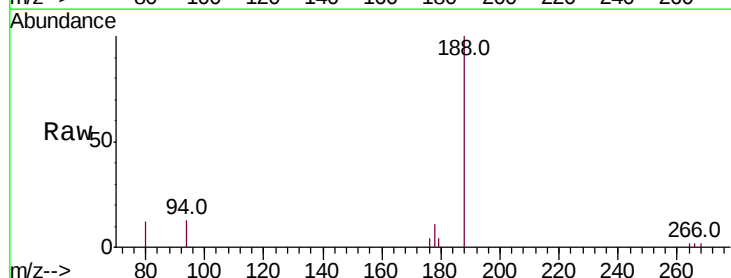
Tgt Ion:178 Resp: 380

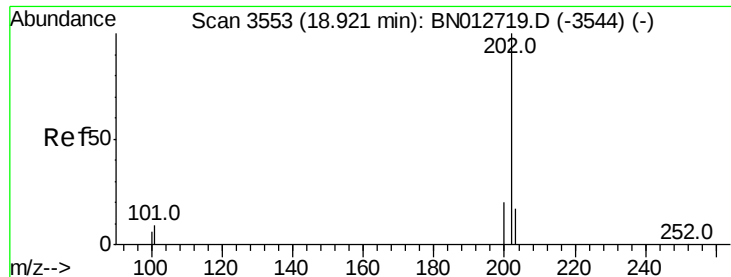
Ion Ratio Lower Upper

178 100

179 35.6 14.8 22.2#

176 32.8 16.3 24.5#





#15

Fluoranthene

Concen: 0.379 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

Instrument :

BNA_N

ClientSampleId :

C0AX5

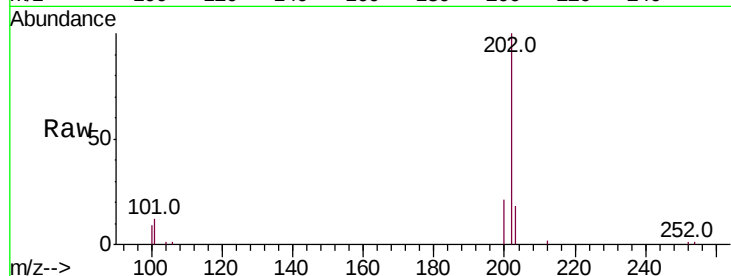
Tot Ion:202 Resp: 7568

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.5

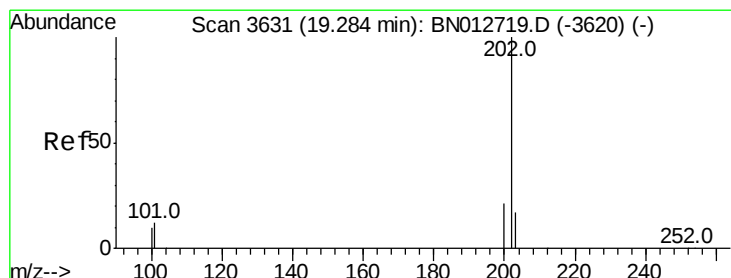
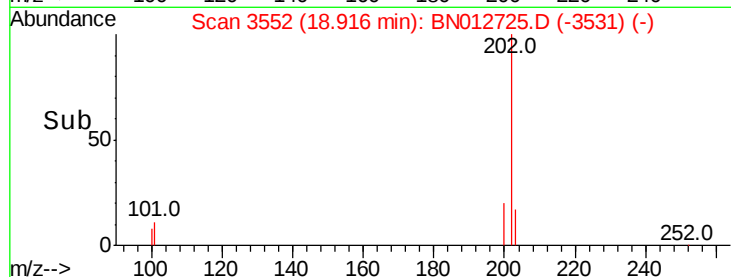
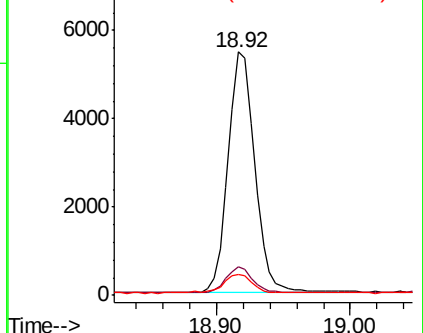
100 8.8 0.0 28.4



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: 0.425 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

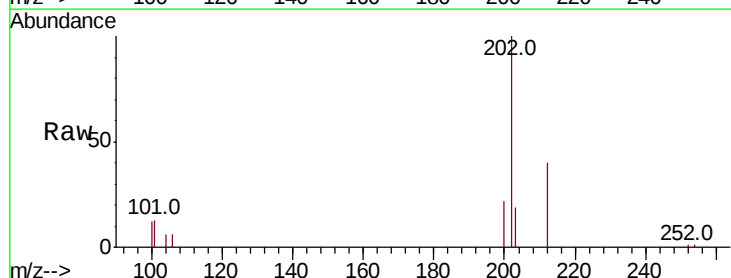
Tgt Ion:202 Resp: 7342

Ion Ratio Lower Upper

202 100

101 13.2 8.9 13.3

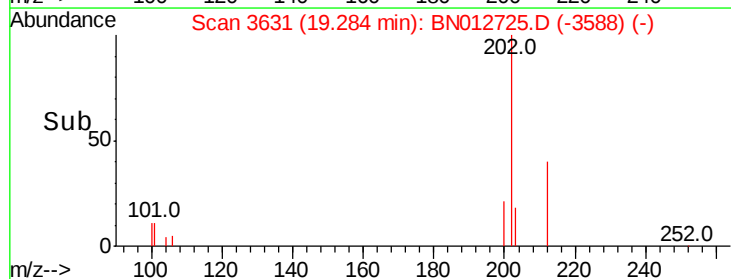
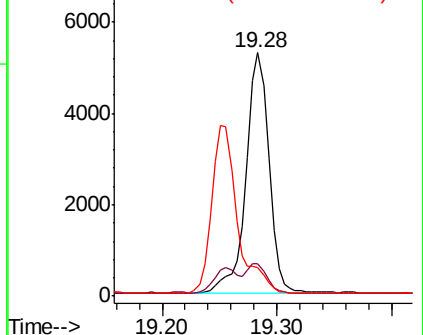
100 11.7 7.4 11.2#

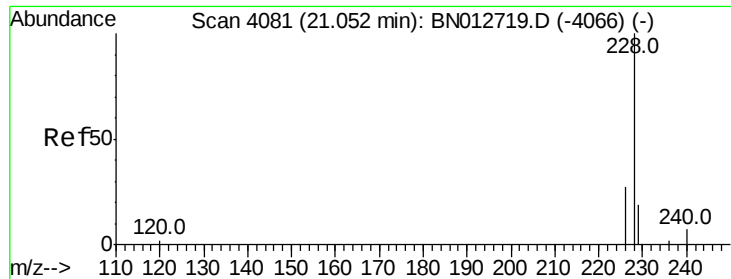


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.239 ng/ul

RT: 21.05 min Scan# 4080

Delta R.T. 0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

Instrument :

BNA_N

ClientSampleId :

C0AX5

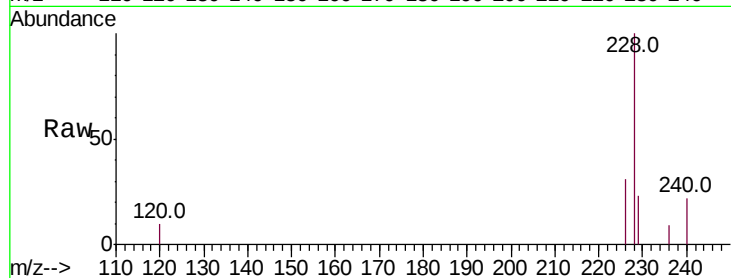
Tot Ion:228 Resp: 3311

Ion Ratio Lower Upper

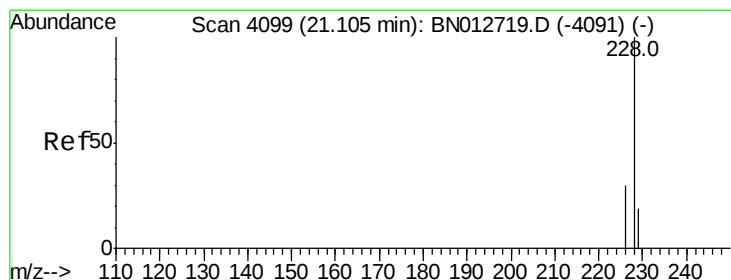
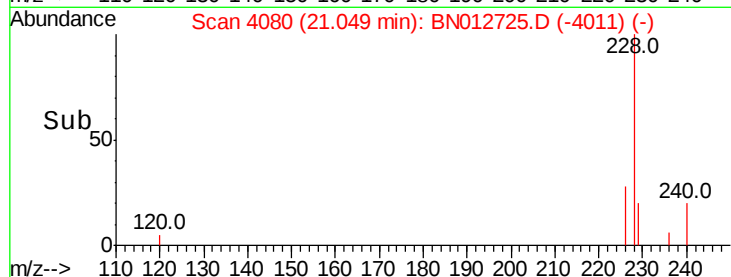
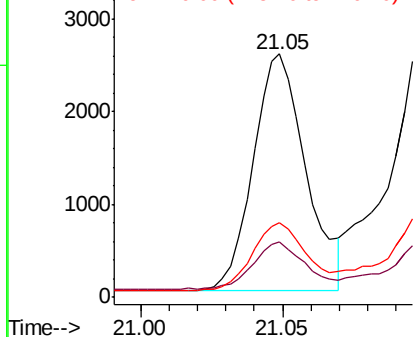
228 100

229 22.9 16.9 25.3

226 30.5 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: 0.252 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

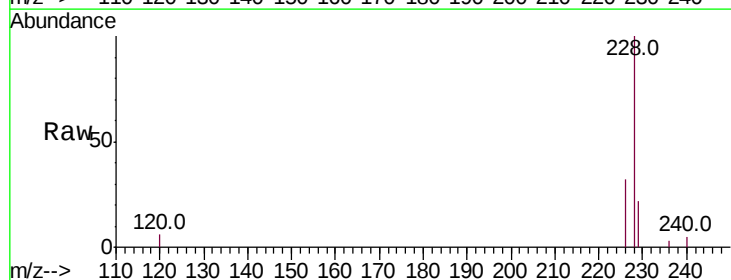
Tgt Ion:228 Resp: 4366

Ion Ratio Lower Upper

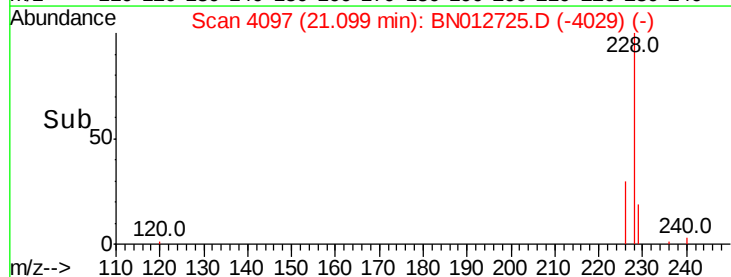
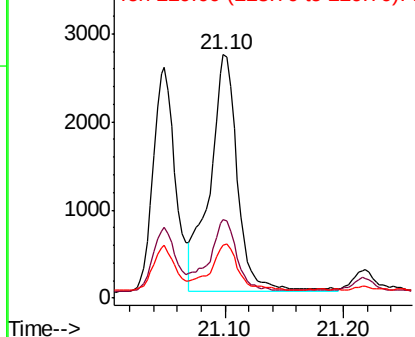
228 100

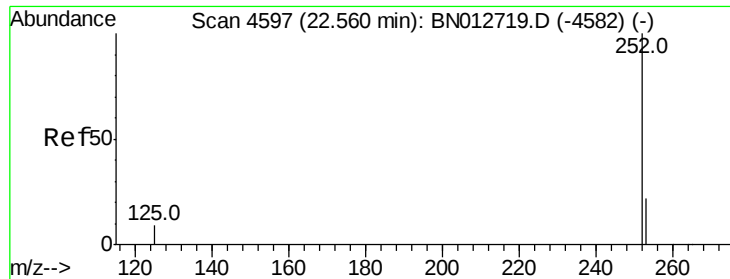
226 32.1 24.4 36.6

229 21.6 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: 0.440 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

Instrument :

BNA_N

ClientSampleId :

C0AX5

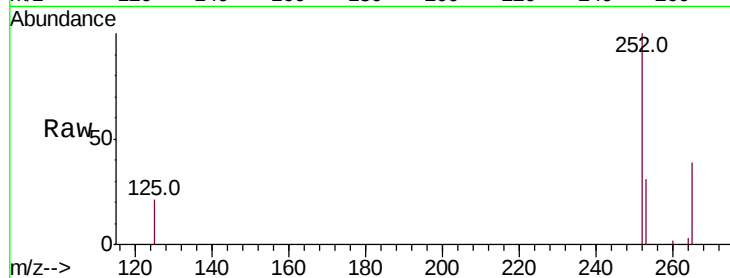
Tot Ion:252 Resp: 8451

Ion Ratio Lower Upper

252 100

253 31.0 0.0 58.4

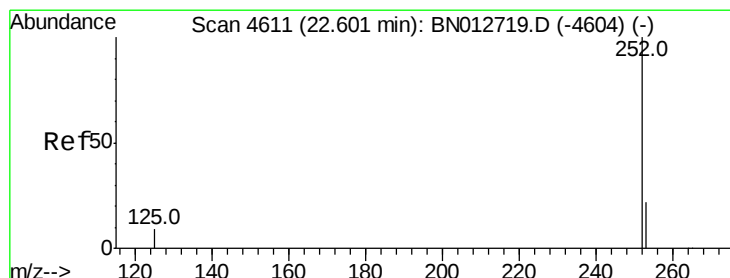
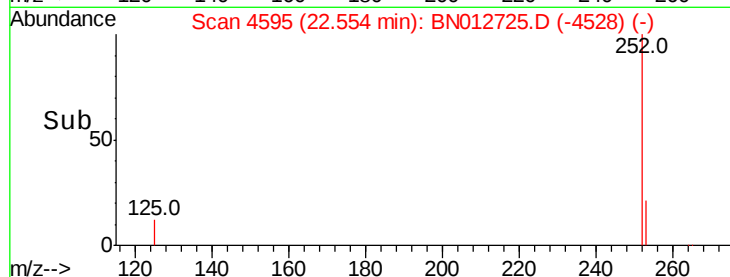
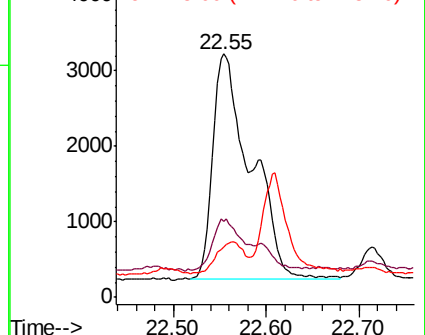
125 20.9 0.0 28.6



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: 0.382 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.04 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

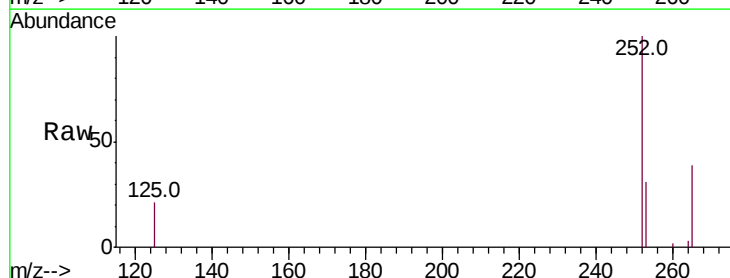
Tgt Ion:252 Resp: 8451

Ion Ratio Lower Upper

252 100

253 31.0 23.4 35.2

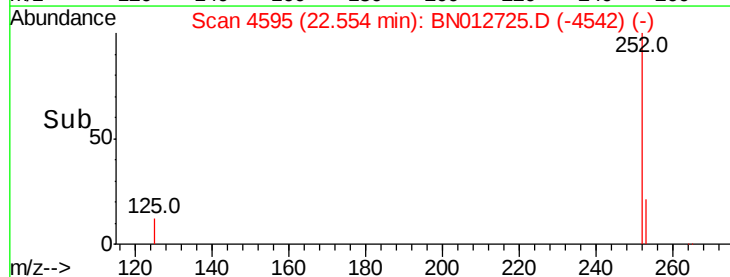
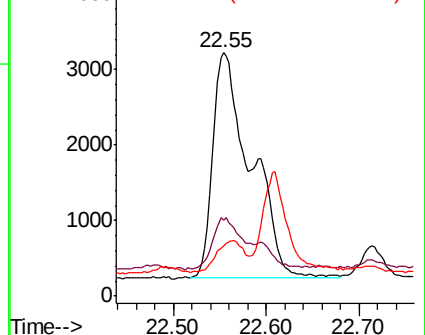
125 20.9 10.2 15.2#

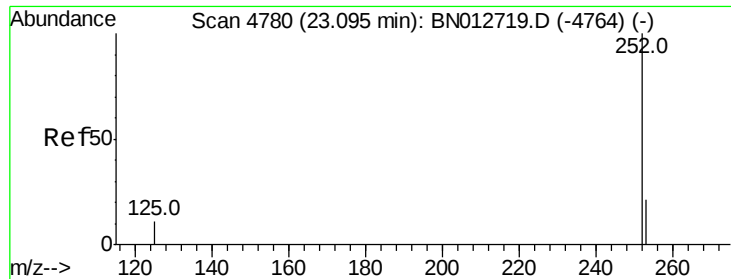


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.214 ng/ul

RT: 23.09 min Scan# 4777

Delta R.T. -0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

Instrument :

BNA_N

ClientSampleId :

C0AX5

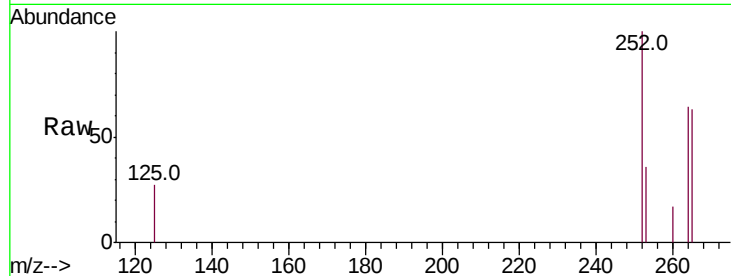
Tot Ion:252 Resp: 3873

Ion Ratio Lower Upper

252 100

253 35.9 27.6 41.4

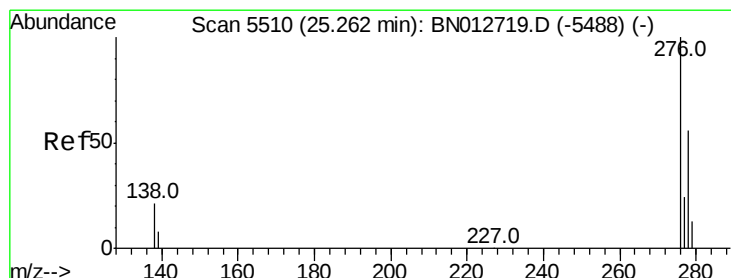
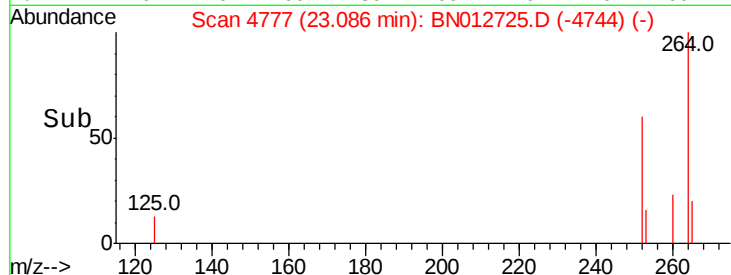
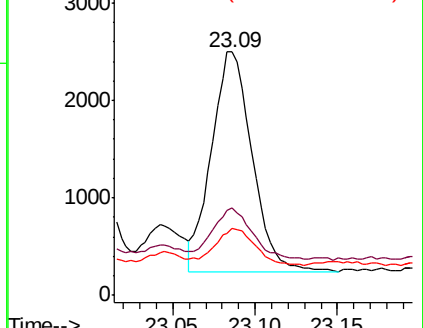
125 27.3 17.0 25.4#



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: 0.127 ng/ul

RT: 25.26 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

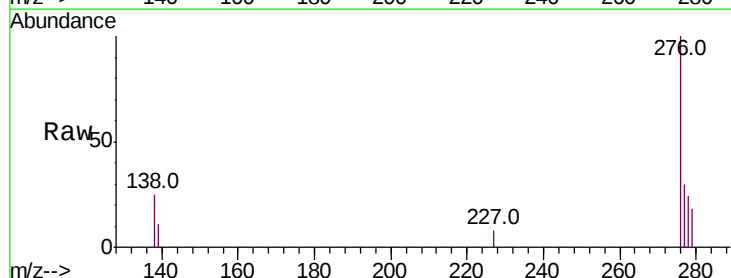
Tgt Ion:276 Resp: 2999

Ion Ratio Lower Upper

276 100

138 23.5 16.5 24.7

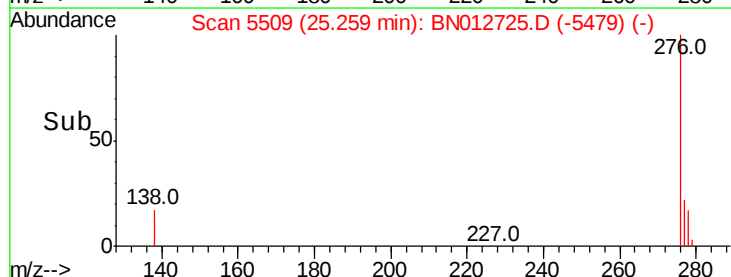
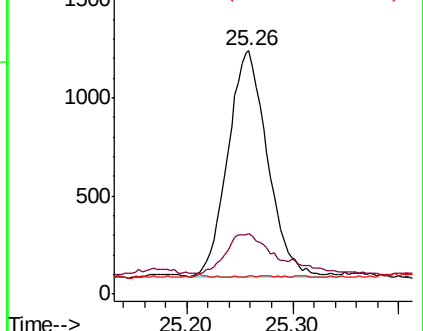
227 0.1 0.1 0.1#

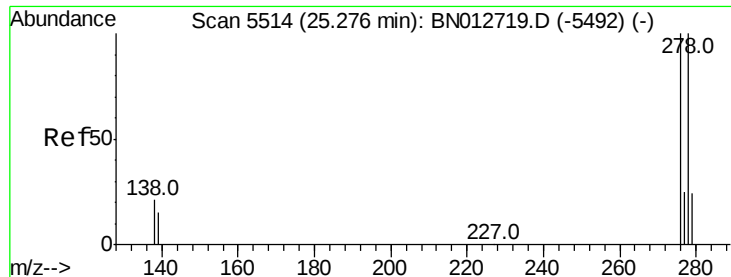


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.035 ng/u1

RT: 25.26 min Scan# 5510

Delta R.T. -0.01 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

Instrument :

BNA_N

ClientSampleId :

C0AX5

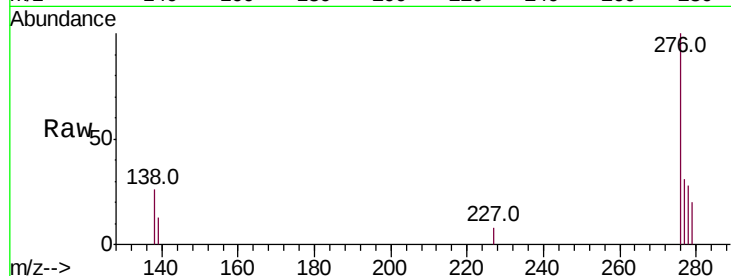
Tot Ion:278 Resp: 670

Ion Ratio Lower Upper

278 100

139 46.1 13.8 20.8#

279 73.4 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

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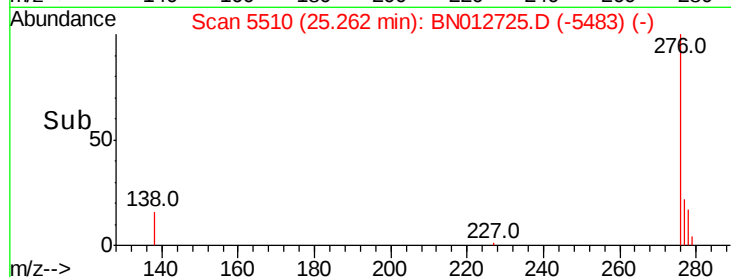
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#26

Benzo(g,h,i)perylene

Concen: 0.131 ng/u1

RT: 25.89 min Scan# 5697

Delta R.T. 0.00 min

Lab File: BN012725.D

Acq: 24 Nov 2020 20:27

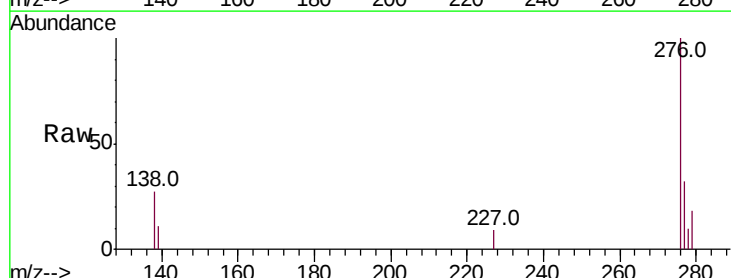
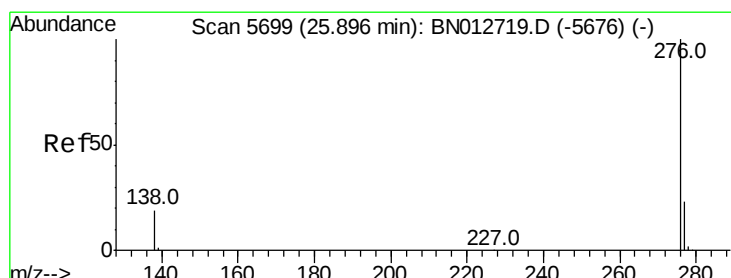
Tgt Ion:276 Resp: 2785

Ion Ratio Lower Upper

276 100

138 27.2 16.3 24.5#

277 32.3 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

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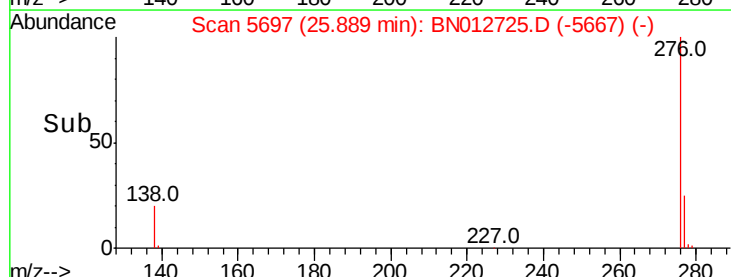
25.89

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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

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