

Data File : BN008682.D
Acq On : 21 Nov 2019 18:03
Operator : JU
Sample : K5784-06RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNB3

Quant Time: Nov 22 06:33:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

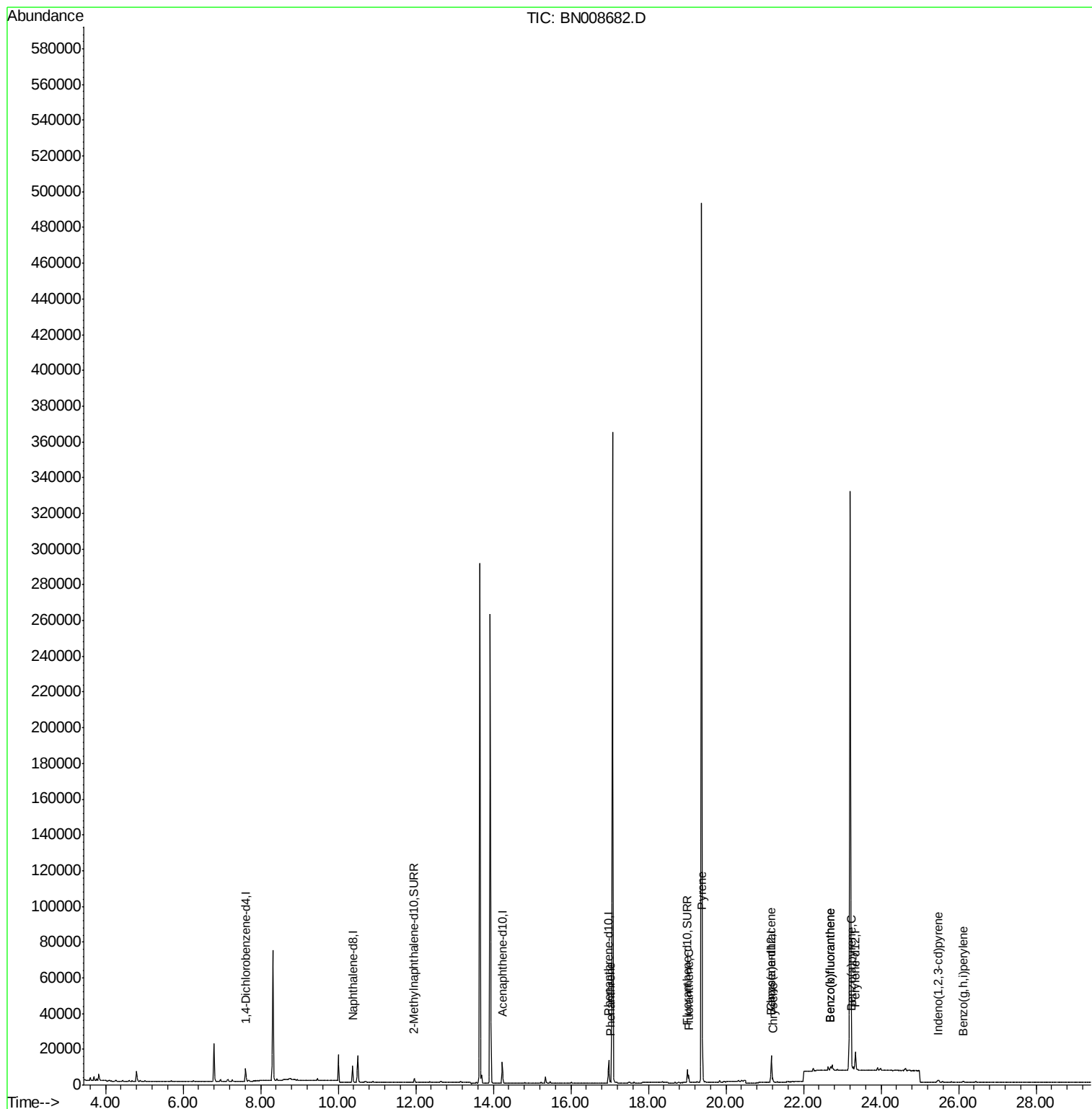
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3304	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	11803	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	7001	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13980	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12106	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	12493	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2945	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	7480	0.18	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.02	178	1688	0.036	ng/ul#	85
15) Fluoranthene	19.04	202	3676	0.063	ng/ul	79
17) Pyrene	19.40	202	5332	0.110	ng/ul#	83
18) Benzo(a)anthracene	21.16	228	2472	0.051	ng/ul#	81
19) Chrysene	21.21	228	2648	0.055	ng/ul#	83
21) Benzo(b)fluoranthene	22.70	252	3285	0.064	ng/ul#	1
22) Benzo(k)fluoranthene	22.70	252	3285	0.064	ng/ul#	1
23) Benzo(a)pyrene	23.25	252	2311	0.048	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.47	276	1490	0.026	ng/ul#	60
26) Benzo(g,h,i)perylene	26.12	276	1499	0.032	ng/ul#	30

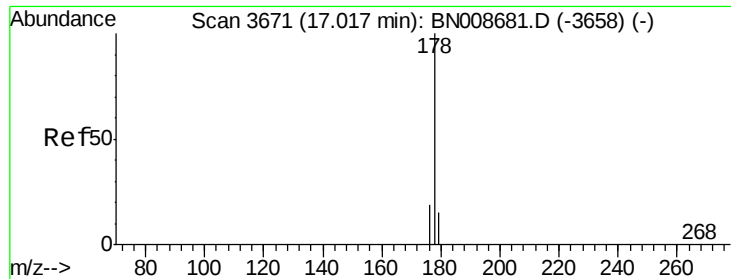
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.036 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

JLNB3

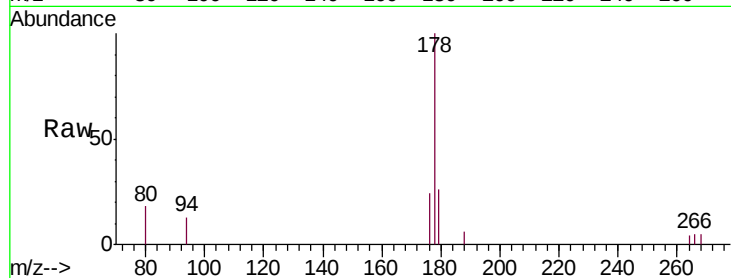
Tgt Ion:178 Resp: 1688

Ion Ratio Lower Upper

178 100

179 25.9 12.8 19.2#

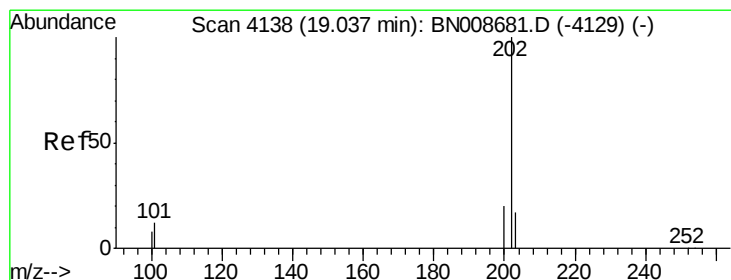
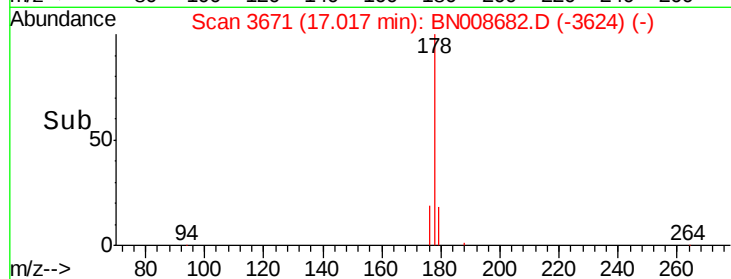
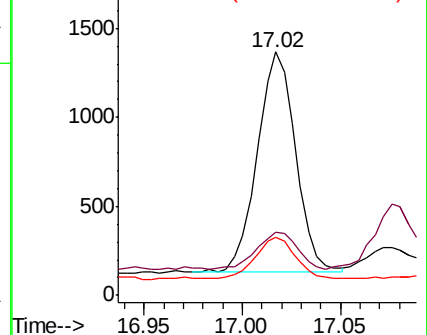
176 23.9 16.0 24.0



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: 0.063 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008682.D

Acq: 21 Nov 2019 18:03

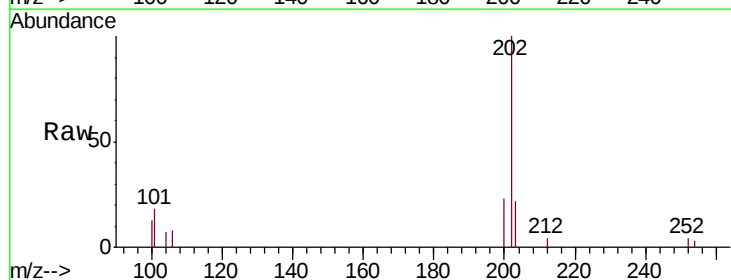
Tgt Ion:202 Resp: 3676

Ion Ratio Lower Upper

202 100

101 17.9 0.0 29.6

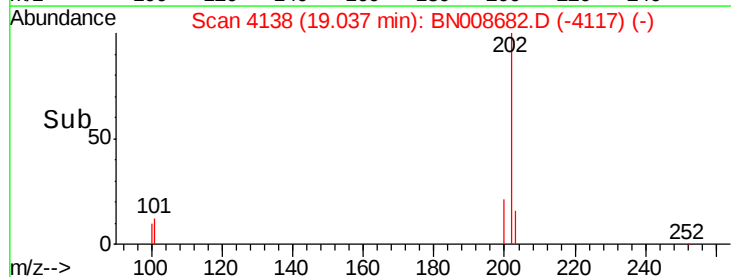
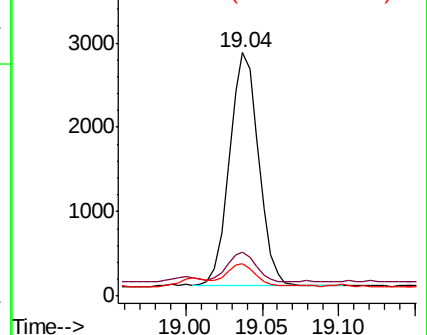
100 13.3 0.0 27.0

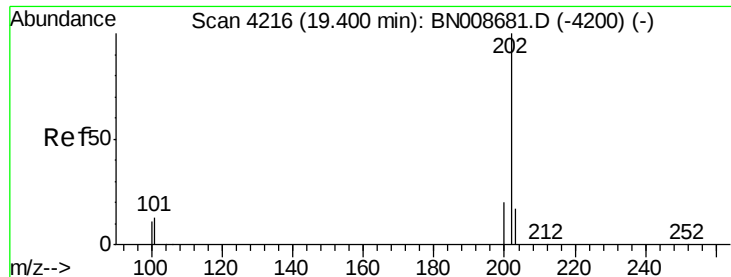


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

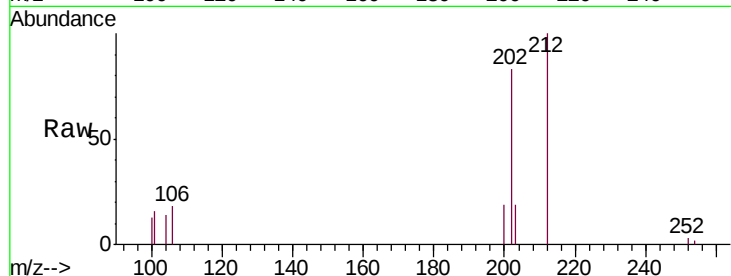




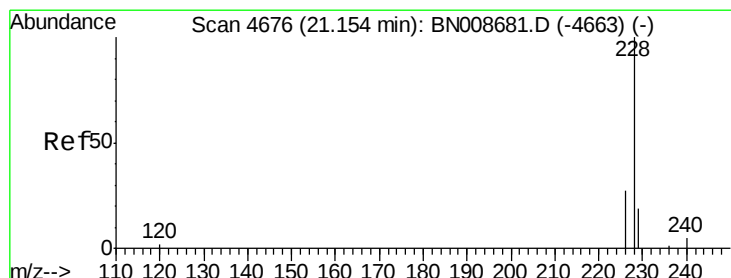
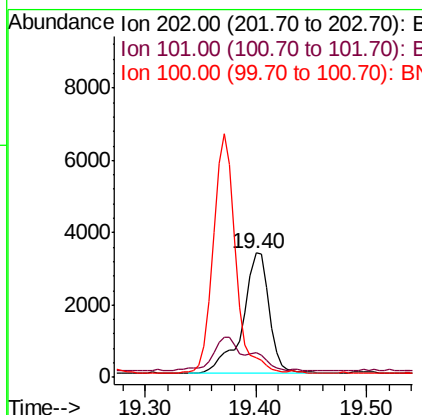
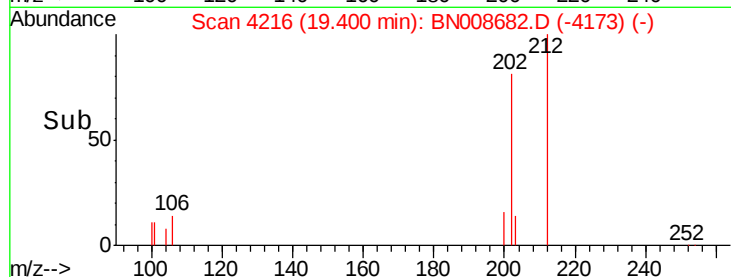
#17
 Pyrene
 Concen: 0.110 ng/ul
 RT: 19.40 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BN008682.D
 Acq: 21 Nov 2019 18:03

Instrument :
 BNA_N
 ClientSampleId :
 JLN3

Tgt Ion:202 Resp: 5332
 Ion Ratio Lower Upper
 202 100
 101 19.7 10.2 15.2#
 100 16.1 8.2 12.2#

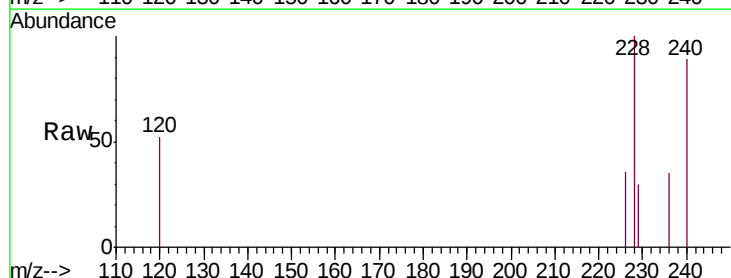


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

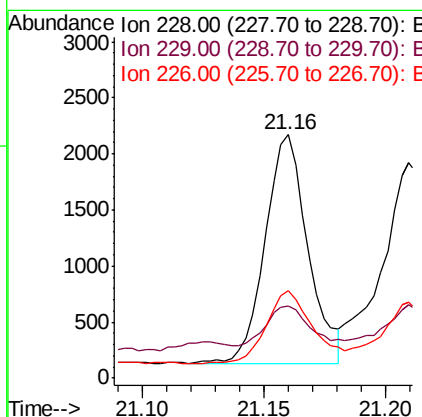
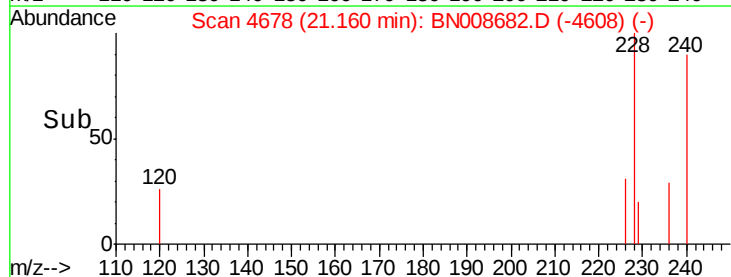


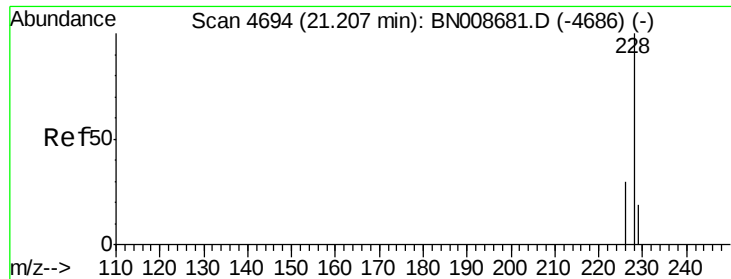
#18
 Benzo(a)anthracene
 Concen: 0.051 ng/ul
 RT: 21.16 min Scan# 4678
 Delta R.T. 0.01 min
 Lab File: BN008682.D
 Acq: 21 Nov 2019 18:03

Tgt Ion:228 Resp: 2472
 Ion Ratio Lower Upper
 228 100
 229 29.8 15.8 23.6#
 226 35.8 21.6 32.4#



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: 0.055 ng/u1

RT: 21.21 min Scan# 4695

Delta R.T. 0.00 min

Lab File: BN008682.D

Acq: 21 Nov 2019 18:03

Instrument :

BNA_N

ClientSampleId :

JLNB3

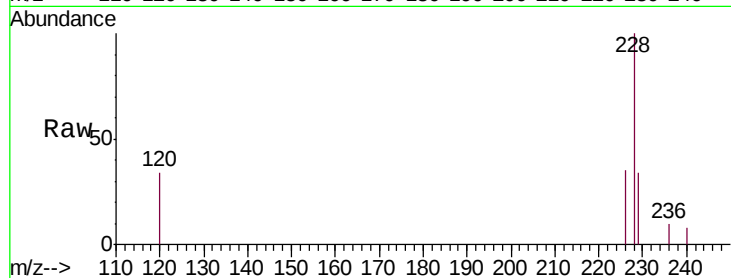
Tgt Ion:228 Resp: 2648

Ion Ratio Lower Upper

228 100

226 35.0 24.5 36.7

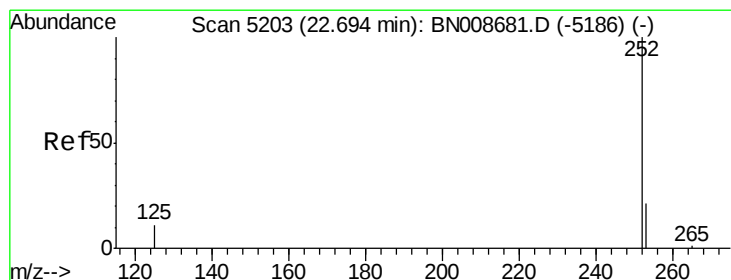
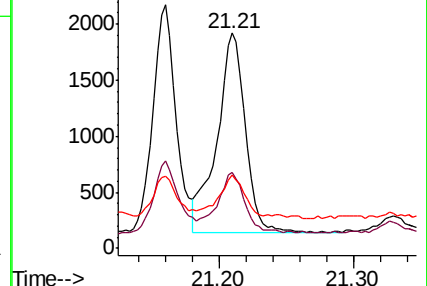
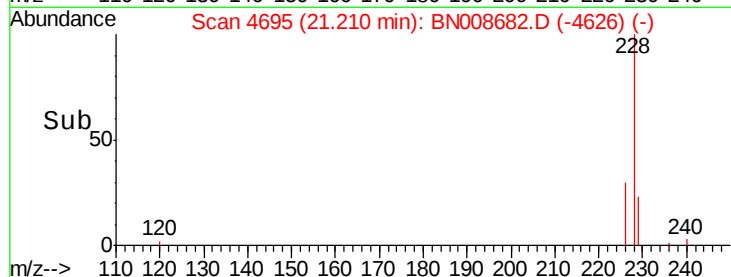
229 34.1 15.5 23.3#



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: 0.064 ng/u1

RT: 22.70 min Scan# 5204

Delta R.T. 0.00 min

Lab File: BN008682.D

Acq: 21 Nov 2019 18:03

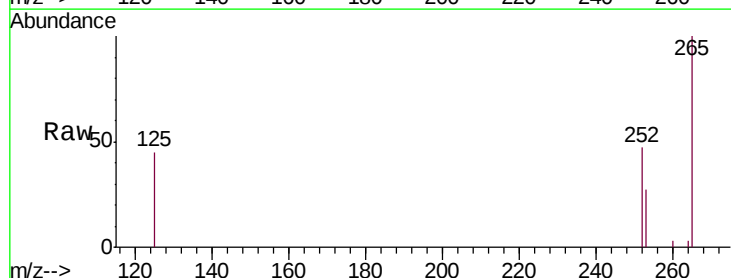
Tgt Ion:252 Resp: 3285

Ion Ratio Lower Upper

252 100

253 57.4 0.0 50.2#

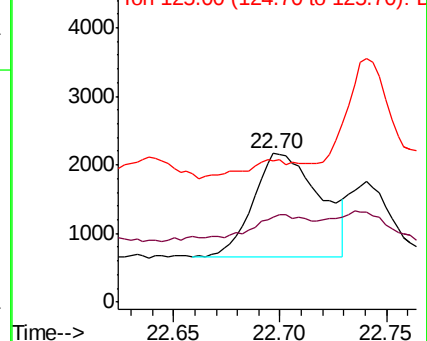
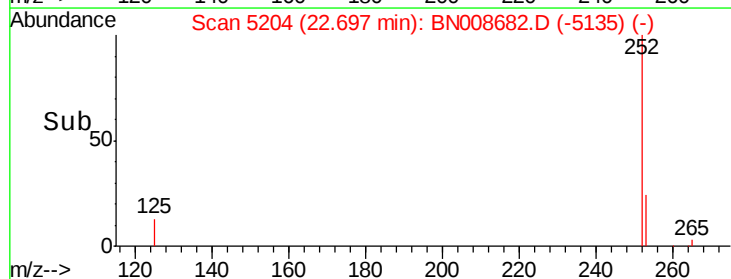
125 94.6 0.0 30.0#

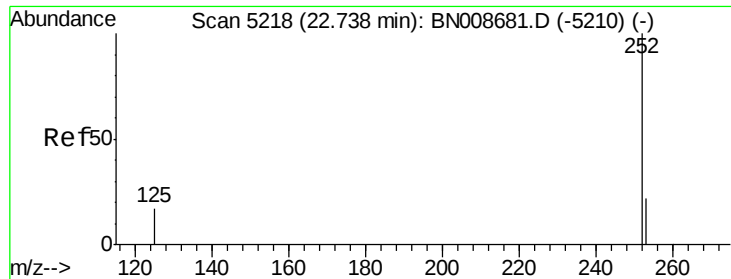


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.064 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.04 min

Lab File: BN008682.D

Acq: 21 Nov 2019 18:03

Instrument :

BNA_N

ClientSampleId :

JLNB3

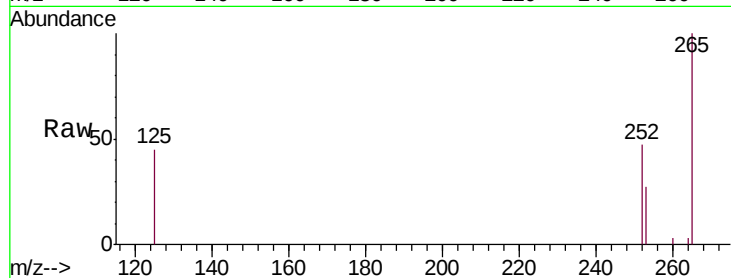
Tgt Ion:252 Resp: 3285

Ion Ratio Lower Upper

252 100

253 57.4 20.5 30.7#

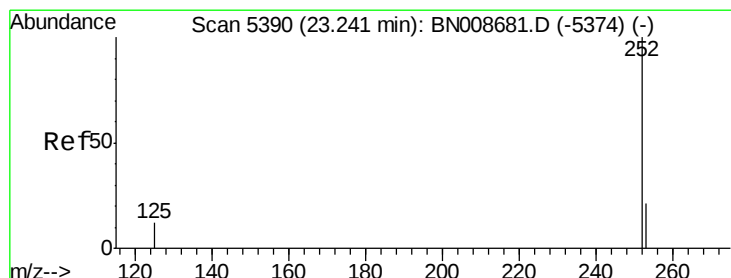
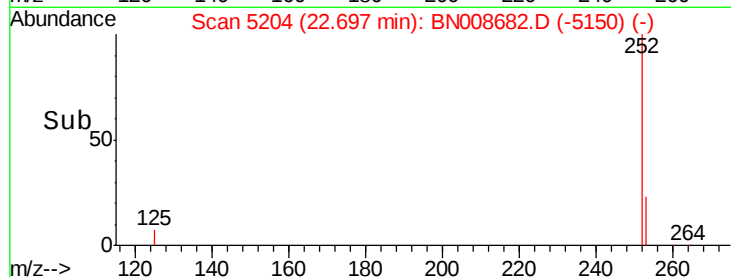
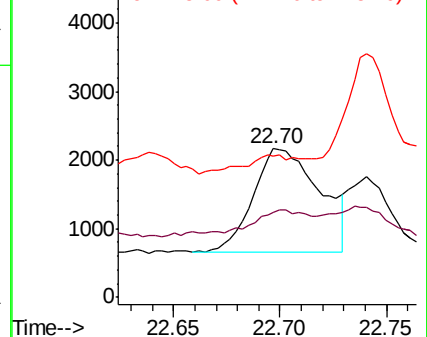
125 94.6 15.0 22.4#



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



#23

Benzo(a)pyrene

Concen: 0.048 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. 0.01 min

Lab File: BN008682.D

Acq: 21 Nov 2019 18:03

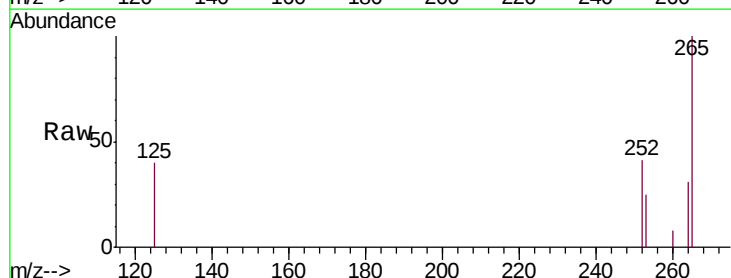
Tgt Ion:252 Resp: 2311

Ion Ratio Lower Upper

252 100

253 60.1 21.4 32.2#

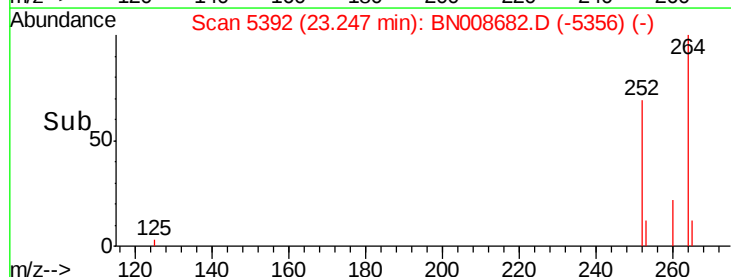
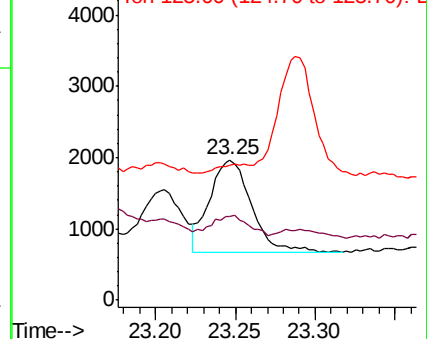
125 96.6 13.8 20.8#

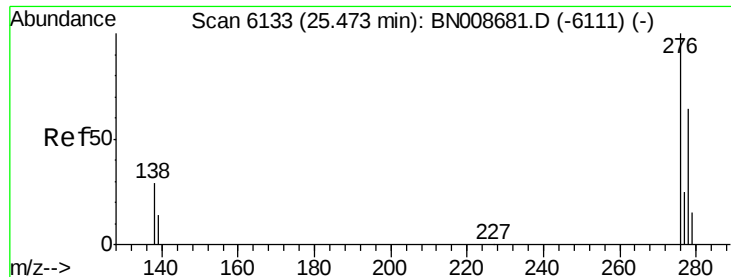


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.026 ng/u1

RT: 25.47 min Scan# 6133

Delta R.T. -0.00 min

Lab File: BN008682.D

Acq: 21 Nov 2019 18:03

Instrument :

BNA_N

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JLNB3

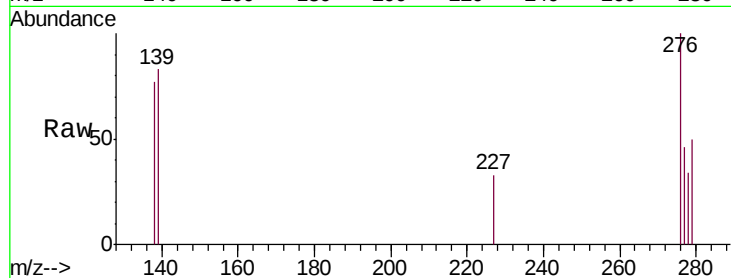
Tgt Ion:276 Resp: 1490

Ion Ratio Lower Upper

276 100

138 48.0 21.7 32.5#

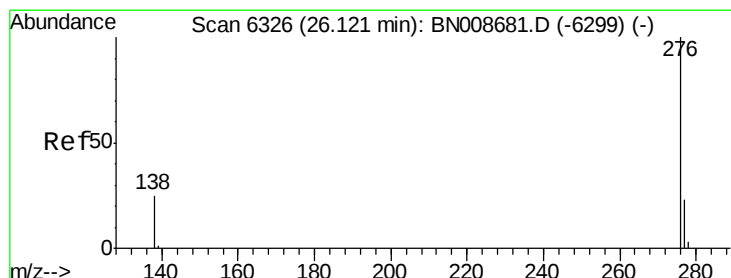
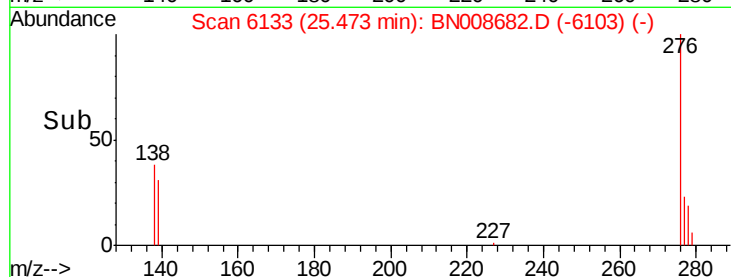
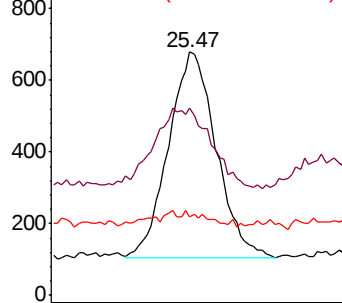
227 1.5 0.2 0.2#



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



#26

Benzo(g,h,i)perylene

Concen: 0.032 ng/u1

RT: 26.12 min Scan# 6327

Delta R.T. 0.00 min

Lab File: BN008682.D

Acq: 21 Nov 2019 18:03

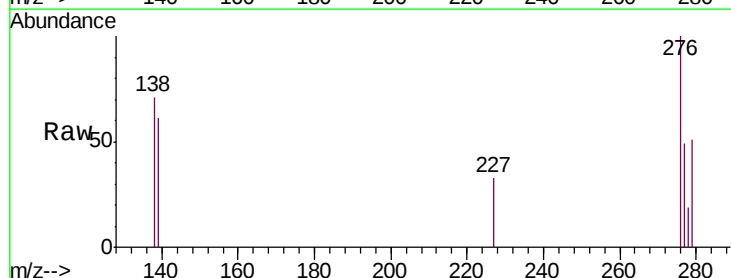
Tgt Ion:276 Resp: 1499

Ion Ratio Lower Upper

276 100

138 70.6 20.0 30.0#

277 49.3 20.0 30.0#



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

