

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008094.D
 Acq On : 12 Oct 2019 02:14
 Operator : JU
 Sample : K5124-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:18:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

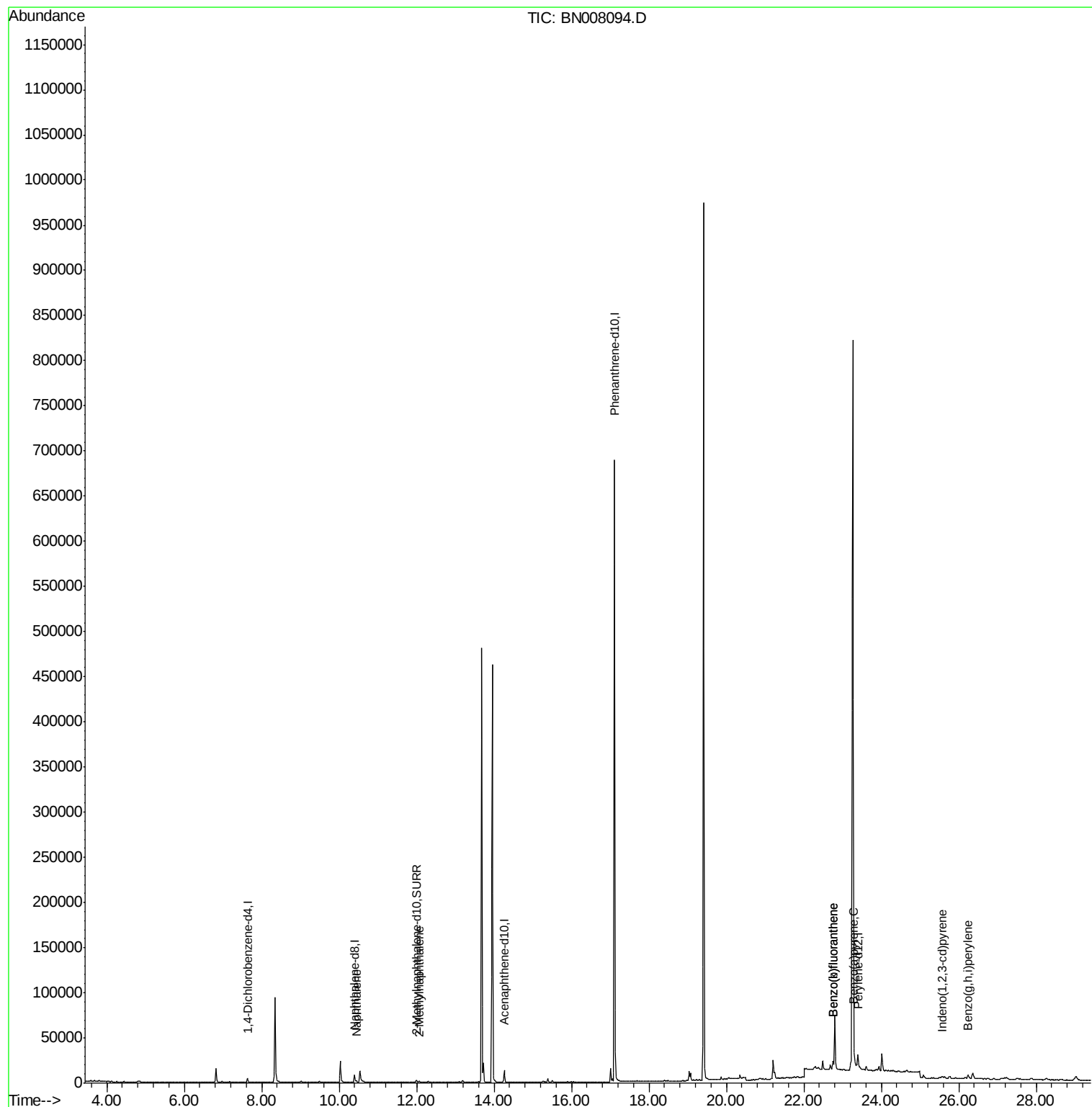
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2471	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11618	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7548	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	793115	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.40	264	21224	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3701	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.44	128	2077	0.063	ng/ul#	88
5) 2-Methylnaphthalene	12.07	142	891	0.039	ng/ul	96
21) Benzo(b)fluoranthene	22.75	252	10858	0.157	ng/ul#	1
22) Benzo(k)fluoranthene	22.75	252	10858	0.139	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	5945	0.082	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.57	276	2709	0.032	ng/ul#	57
26) Benzo(a,h,i)perylene	26.24	276	8550	0.109	ng/ul#	68

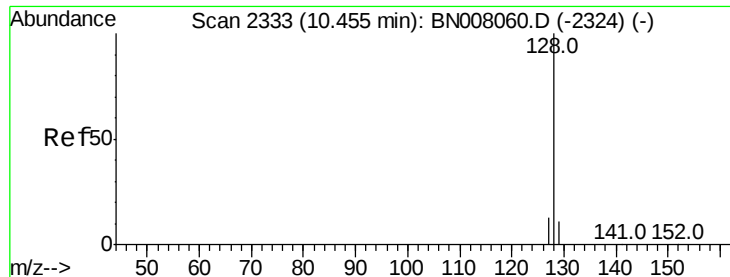
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008094.D
Acq On : 12 Oct 2019 02:14
Operator : JU
Sample : K5124-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 12 05:18:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.063 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Instrument :

BNA_N

ClientSampleId :

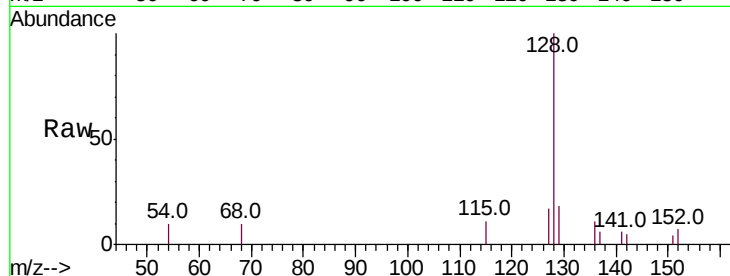
Tot Ion:128 Resp: 2077

Ion Ratio Lower Upper

128 100

129 18.3 9.8 14.8#

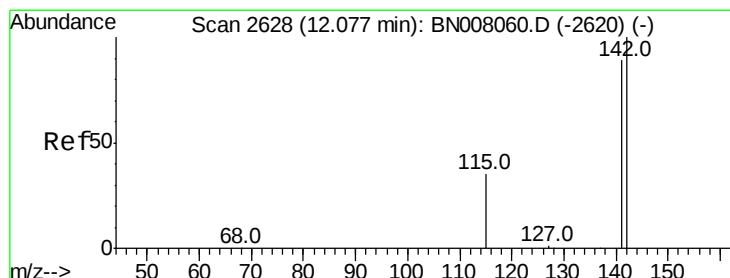
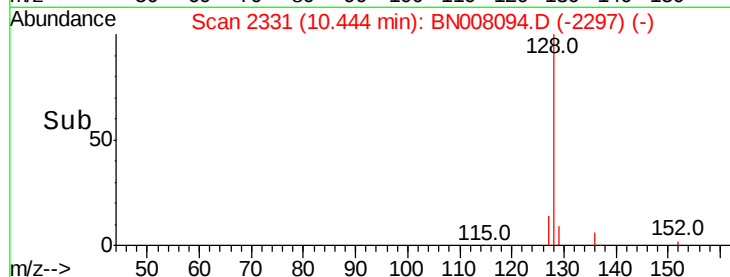
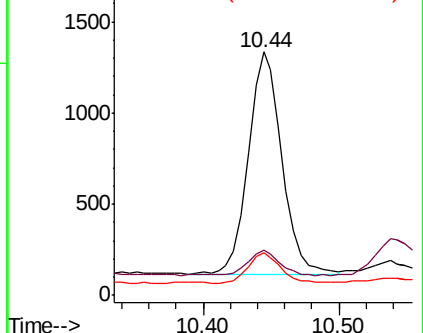
127 17.4 11.1 16.7#



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



#5

2-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008094.D

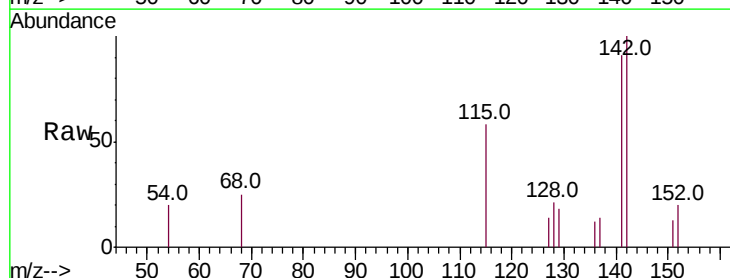
Acq: 12 Oct 2019 02:14

Tgt Ion:142 Resp: 891

Ion Ratio Lower Upper

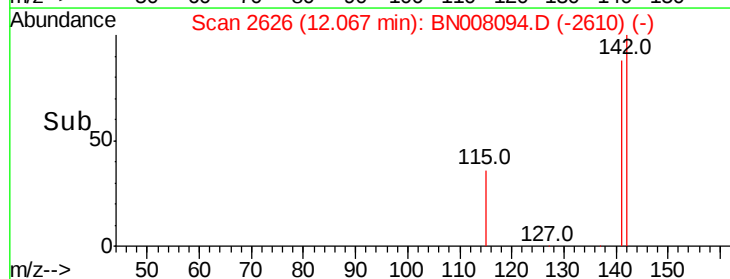
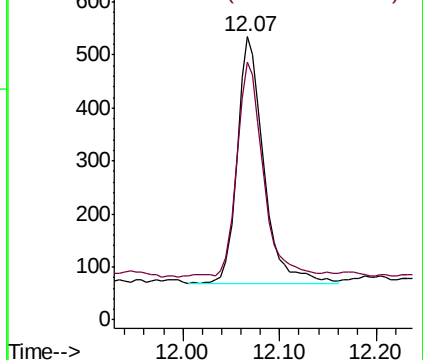
142 100

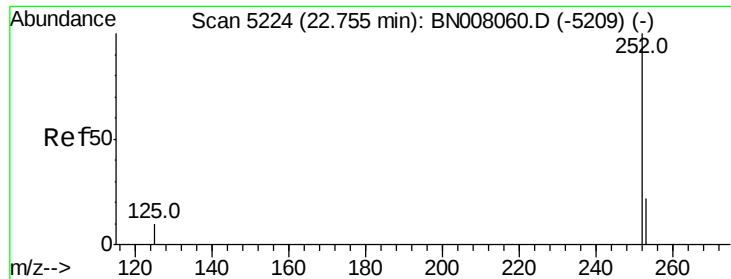
141 85.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Benzo(b)fluoranthene

Concen: 0.157 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Instrument :

BNA_N

ClientSampleId :

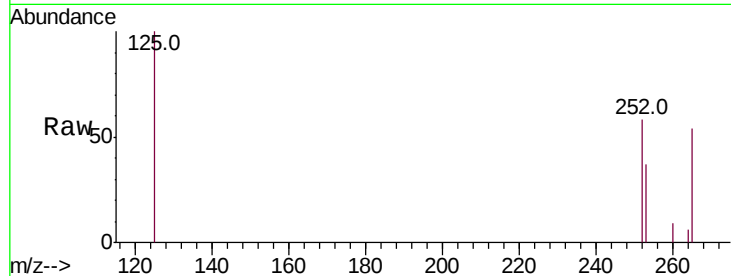
Tot Ion:252 Resp: 10858

Ion Ratio Lower Upper

252 100

253 64.3 0.0 53.4#

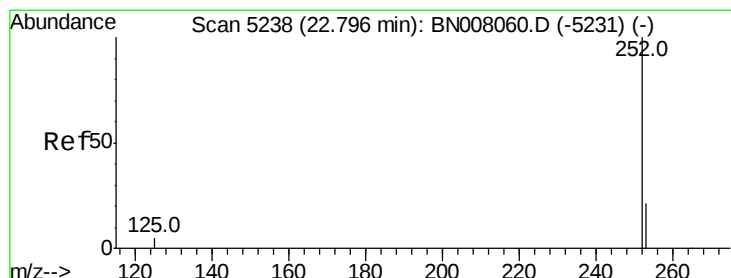
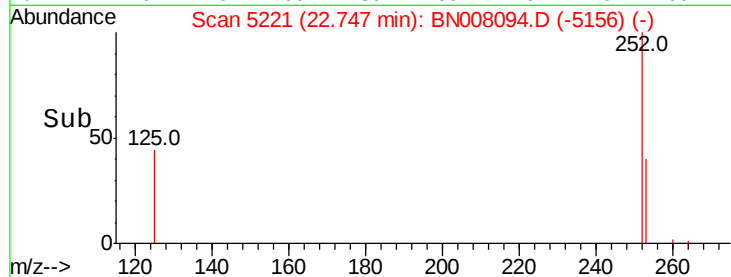
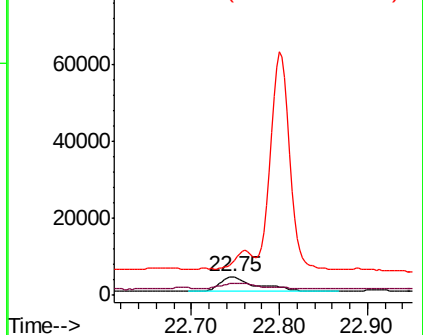
125 173.2 0.0 32.4#



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



#22

Benzo(k)fluoranthene

Concen: 0.139 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.05 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

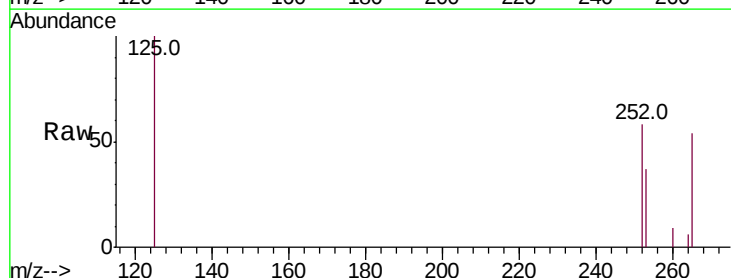
Tgt Ion:252 Resp: 10858

Ion Ratio Lower Upper

252 100

253 64.3 21.3 31.9#

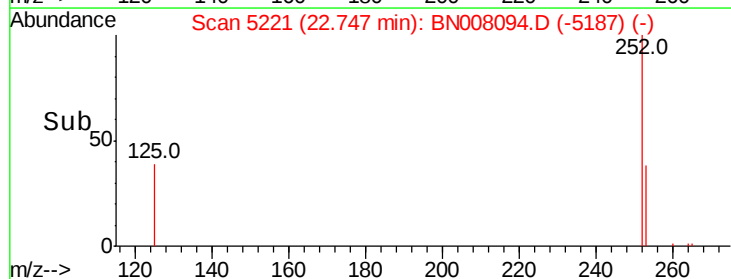
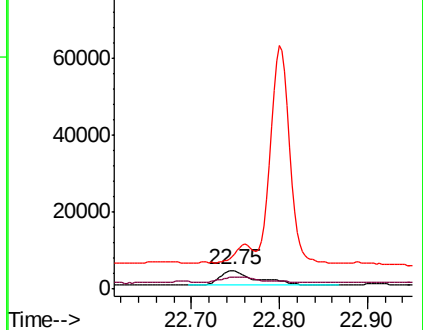
125 173.2 12.3 18.5#

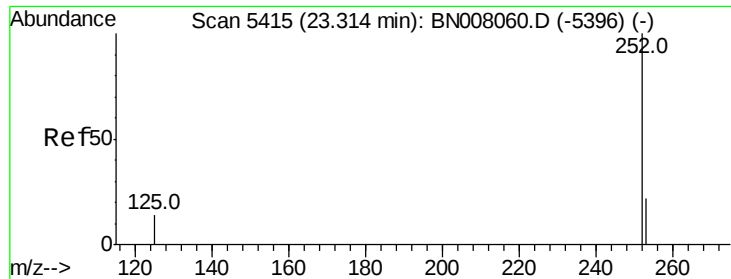


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.082 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. -0.01 min

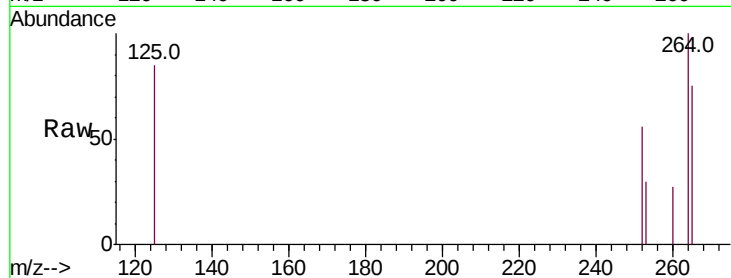
Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Instrument :

BNA_N

ClientSampled :



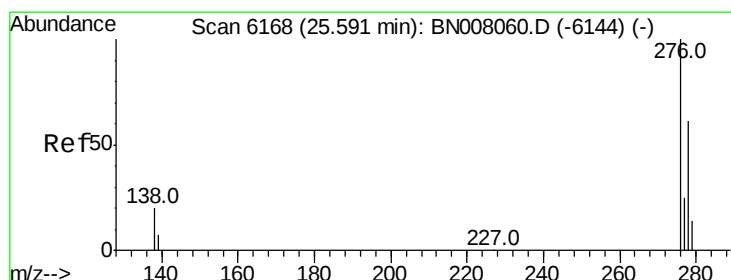
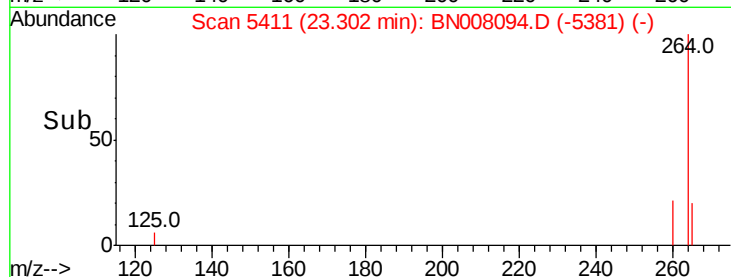
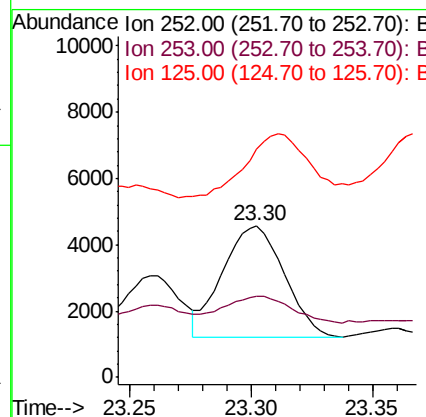
Tot Ion:252 Resp: 5945

Ion Ratio Lower Upper

252 100

253 53.7 22.8 34.2#

125 150.6 18.4 27.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

RT: 25.57 min Scan# 6163

Delta R.T. -0.02 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

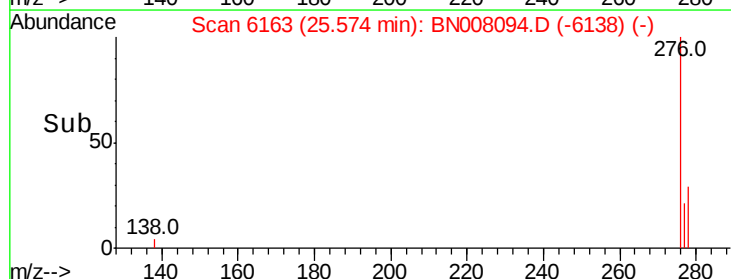
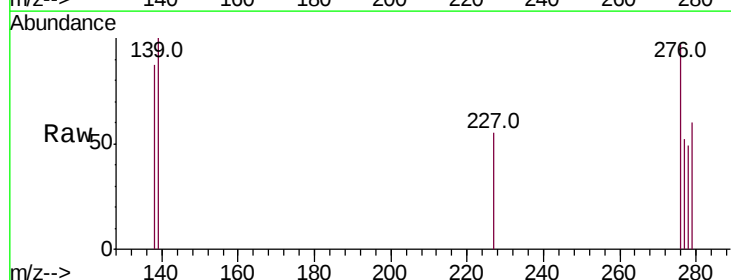
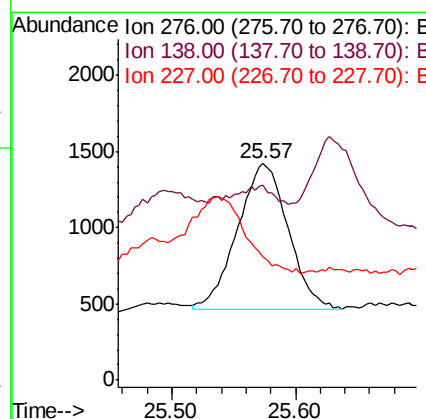
Tgt Ion:276 Resp: 2709

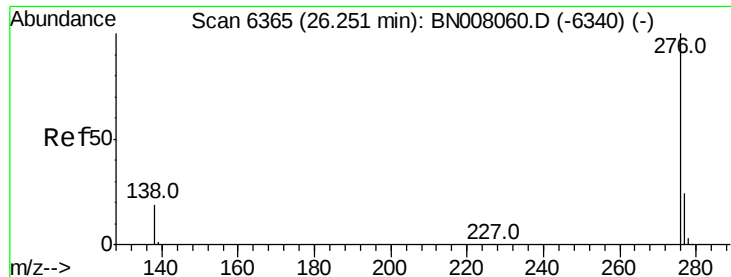
Ion Ratio Lower Upper

276 100

138 0.0 16.1 24.1#

227 0.0 0.2 0.2#





#26

Benzo(a,h,i)perylene

Concen: 0.109 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. -0.01 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Instrument :

BNA_N

ClientSampleId :

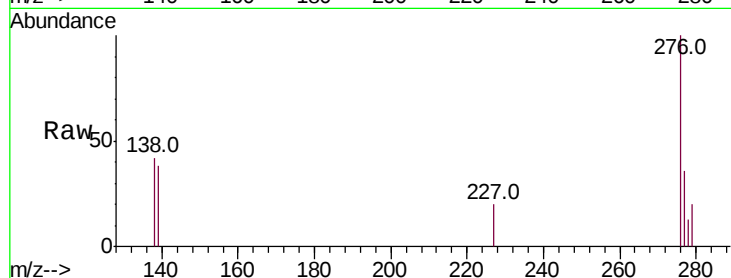
Tot Ion:276 Resp: 8550

Ion Ratio Lower Upper

276 100

138 42.4 17.0 25.4#

277 35.8 20.4 30.6#



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

