

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008952.D
 Acq On : 12 Dec 2019 19:03
 Operator : JU
 Sample : K6089-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 13 00:50:59 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

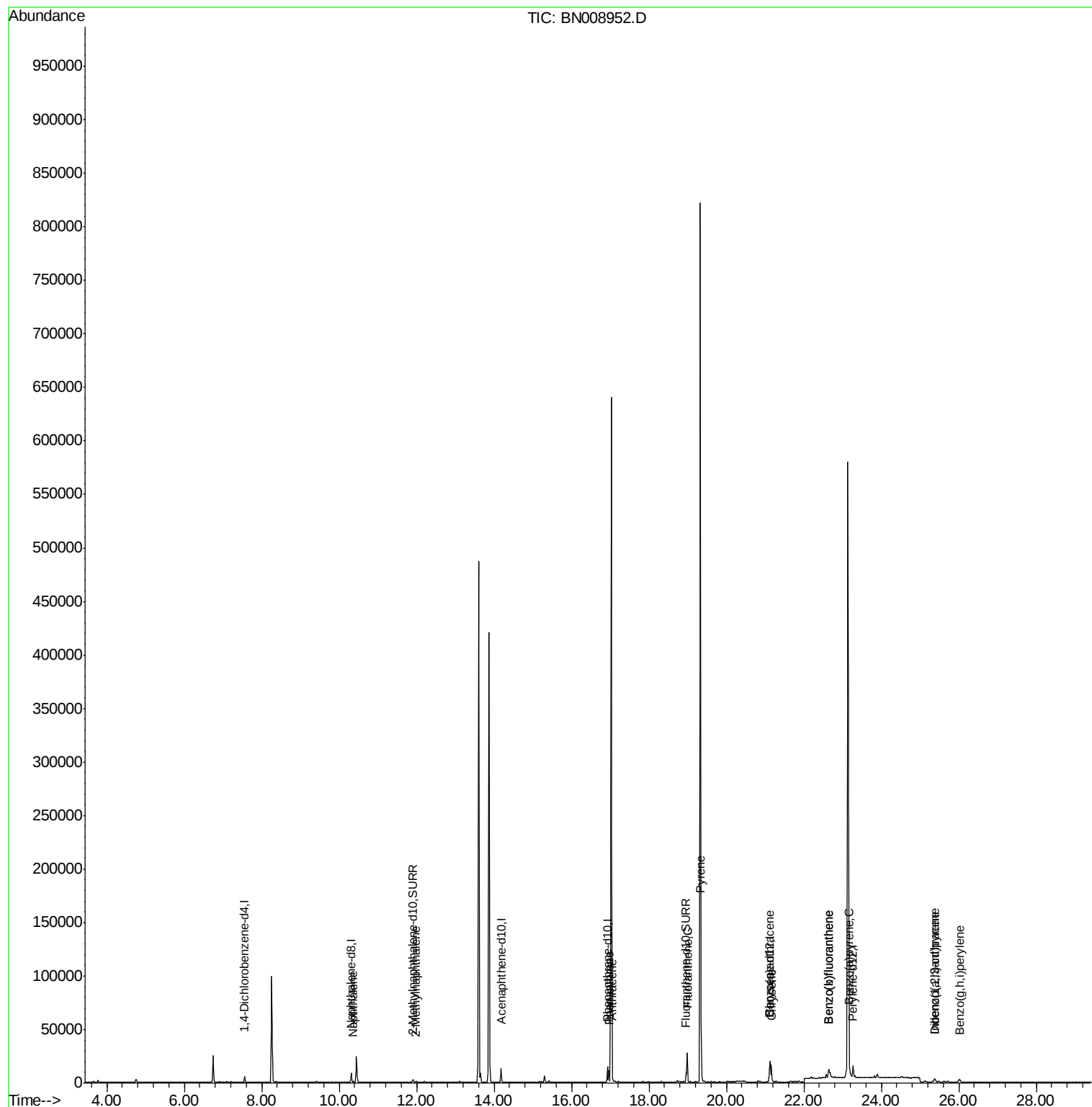
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2482	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6869	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15900	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13893	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14259	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3277	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9846	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	890	0.027	ng/ul#	80
5) 2-Methylnaphthalene	11.98	142	835	0.037	ng/ul	98
12) Phenanthrene	16.97	178	11921	0.222	ng/ul	99
13) Anthracene	17.06	178	1205	0.024	ng/ul#	82
15) Fluoranthene	18.99	202	22999	0.349	ng/ul	98
17) Pyrene	19.35	202	23053	0.414	ng/ul	98
18) Benzo(a)anthracene	21.11	228	10823	0.194	ng/ul	95
19) Chrysene	21.16	228	15219	0.277	ng/ul	96
21) Benzo(b)fluoranthene	22.64	252	17588	0.299	ng/ul	89
22) Benzo(k)fluoranthene	22.64	252	17588	0.302	ng/ul#	90
23) Benzo(a)pyrene	23.18	252	8128	0.147	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.38	276	4775	0.074	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.38	278	1358	0.026	ng/ul#	34
26) Benzo(g,h,i)perylene	26.02	276	4595	0.085	ng/ul	92

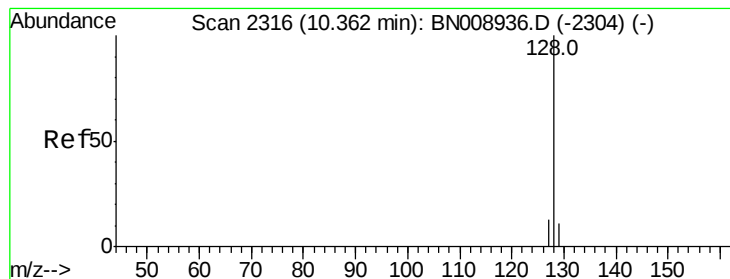
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

ClientSampleId :

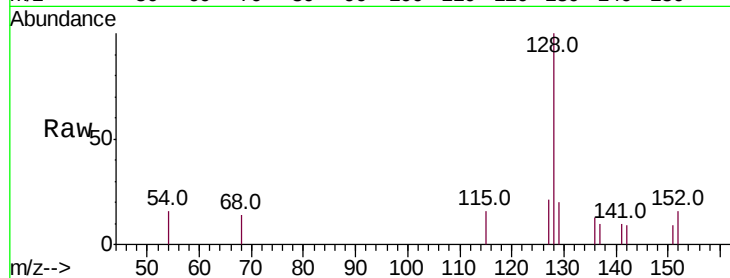
Tot Ion:128 Resp: 890

Ion Ratio Lower Upper

128 100

129 19.7 9.1 13.7#

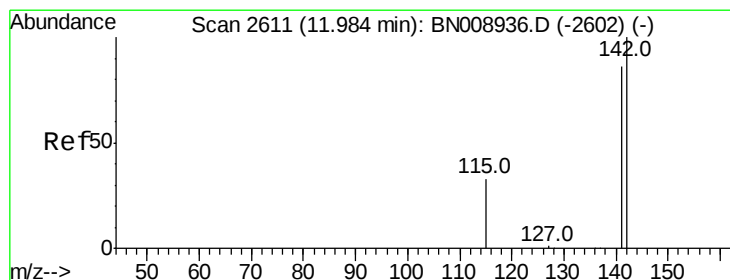
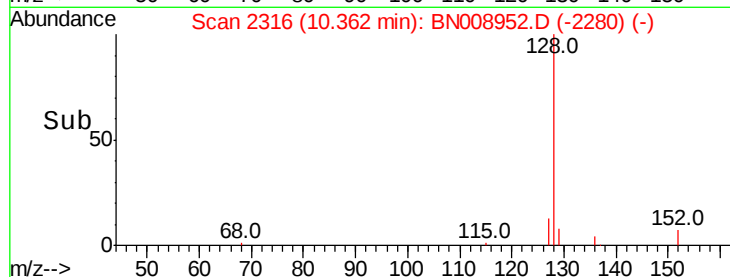
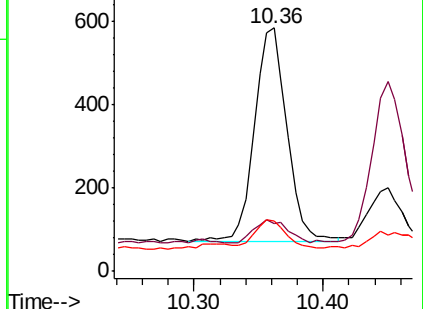
127 20.7 10.7 16.1#



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: 0.037 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BN008952.D

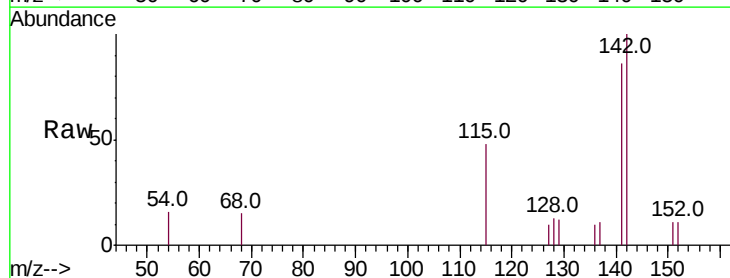
Acq: 12 Dec 2019 19:03

Tgt Ion:142 Resp: 835

Ion Ratio Lower Upper

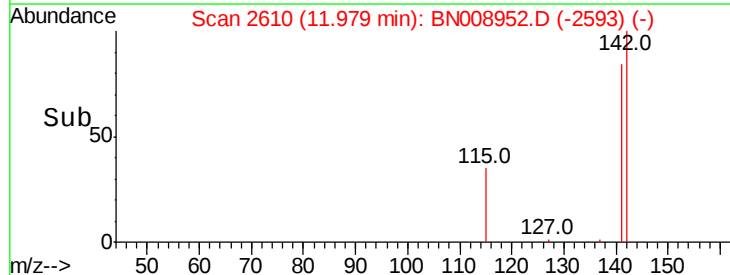
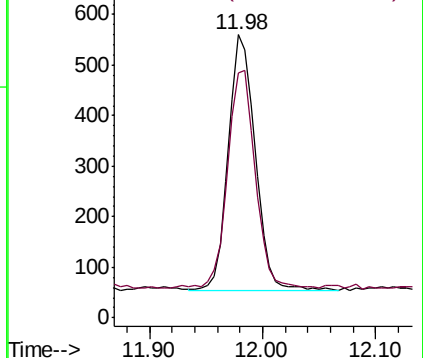
142 100

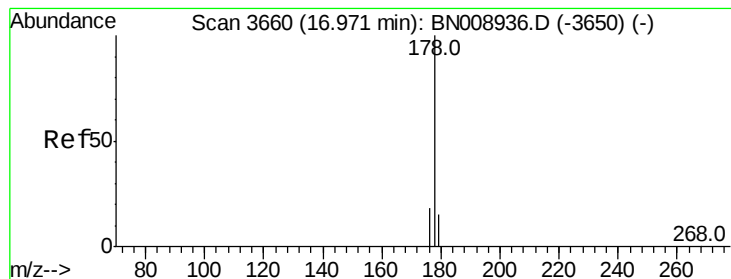
141 86.0 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.222 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

ClientSampleId :

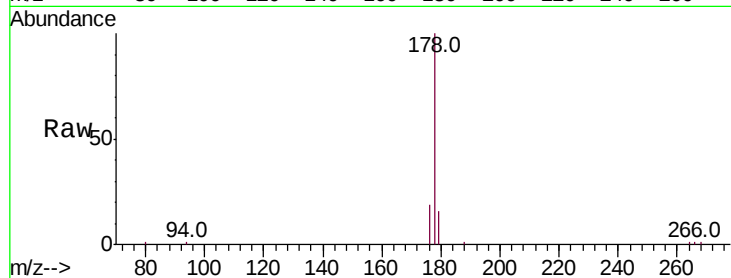
Tot Ion:178 Resp: 11921

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

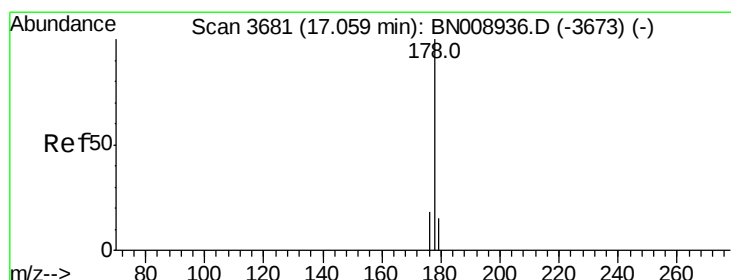
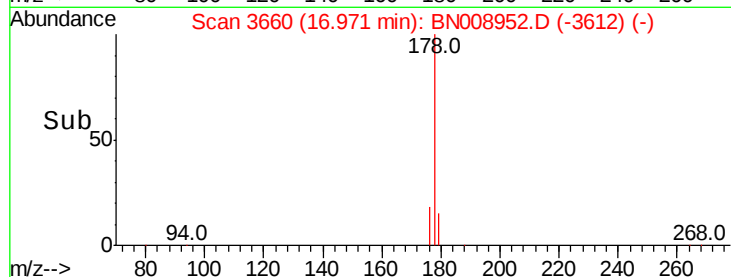
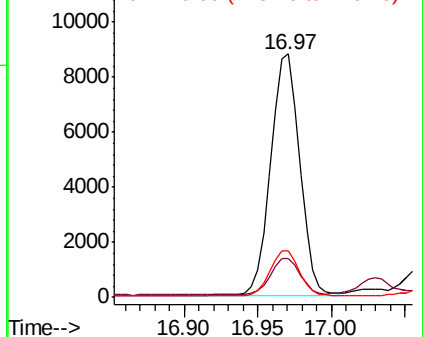
176 18.9 15.3 22.9



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: 0.024 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

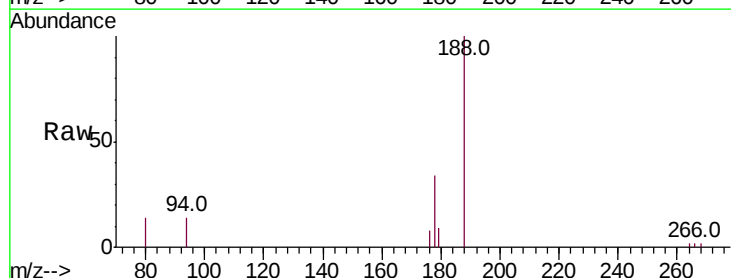
Tgt Ion:178 Resp: 1205

Ion Ratio Lower Upper

178 100

179 26.2 12.2 18.4#

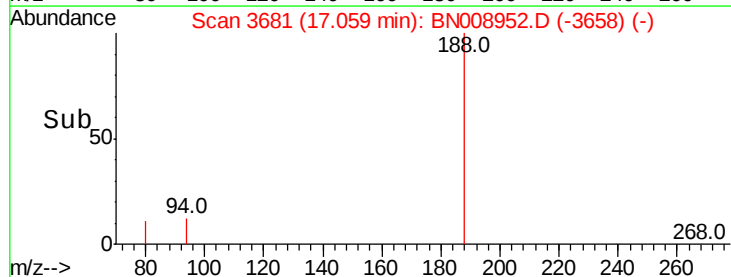
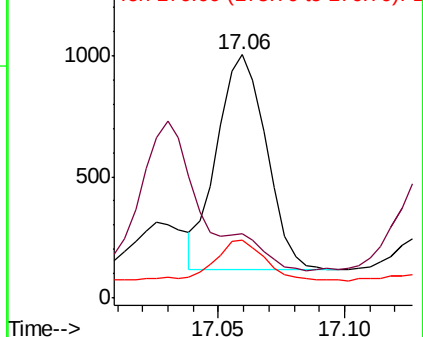
176 23.7 14.7 22.1#

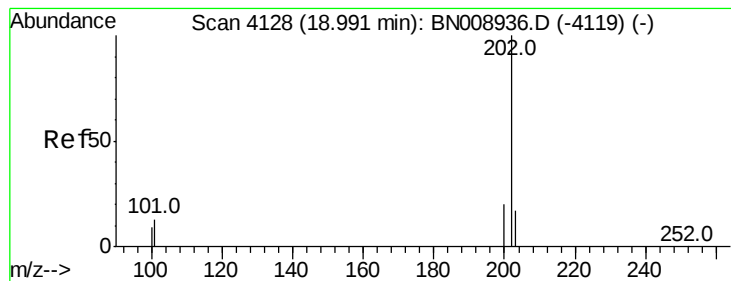


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.349 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

ClientSampleId :

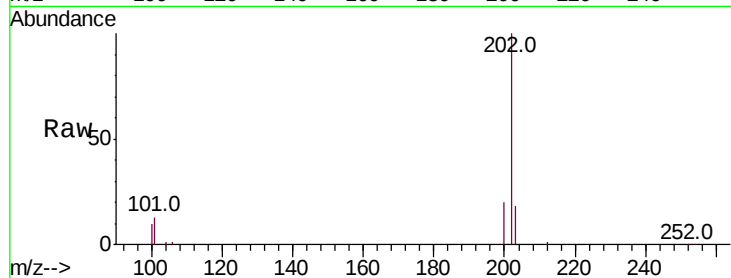
Tot Ion:202 Resp: 22999

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.4

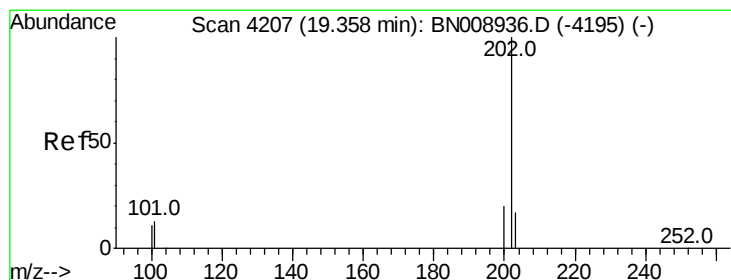
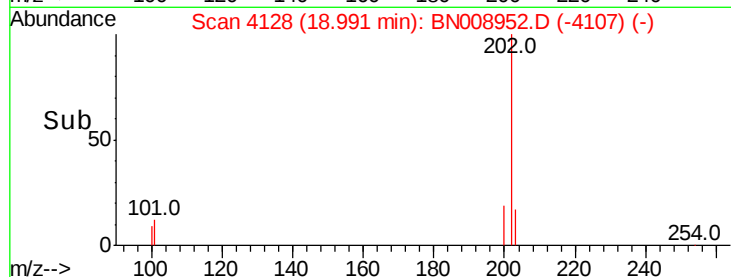
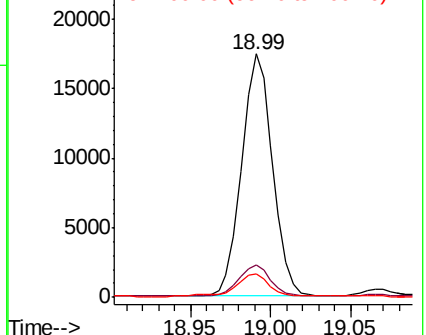
100 9.7 0.0 29.2



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



#17

Pyrene

Concen: 0.414 ng/ul

RT: 19.35 min Scan# 4206

Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

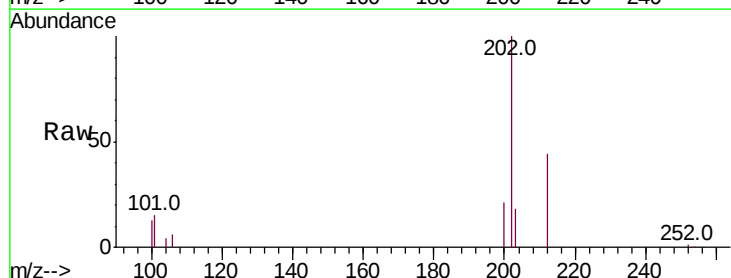
Tgt Ion:202 Resp: 23053

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.4

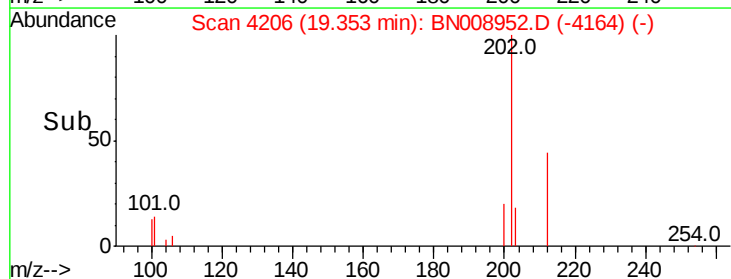
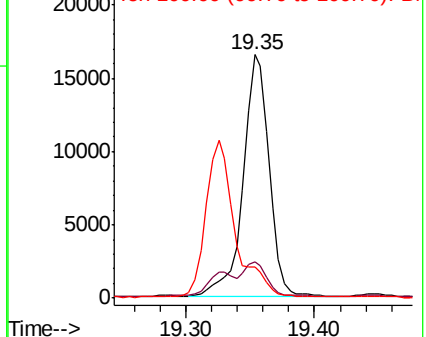
100 13.0 9.5 14.3

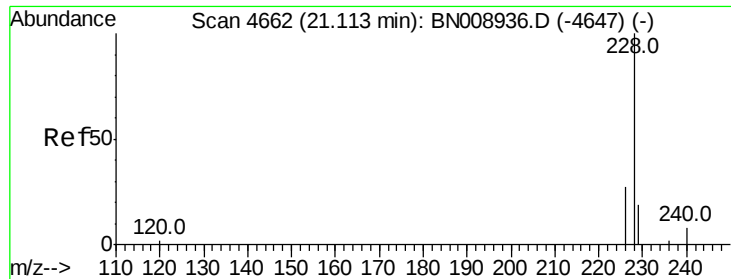


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.194 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

ClientSampleId :

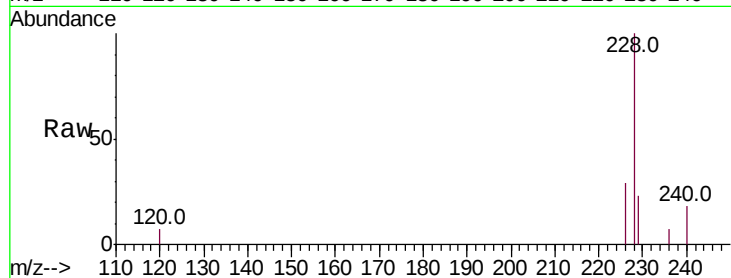
Tot Ion:228 Resp: 10823

Ion Ratio Lower Upper

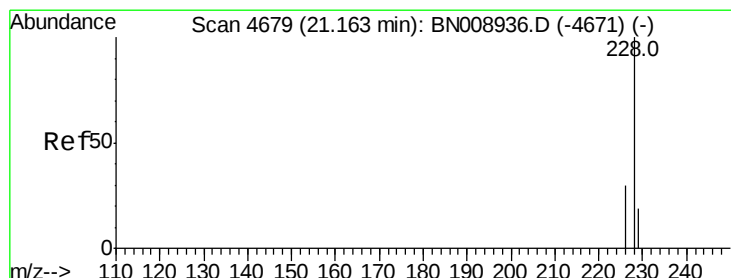
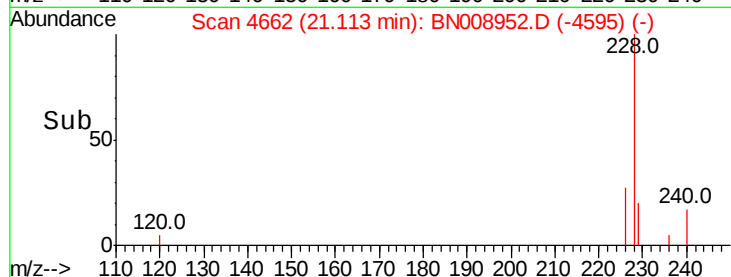
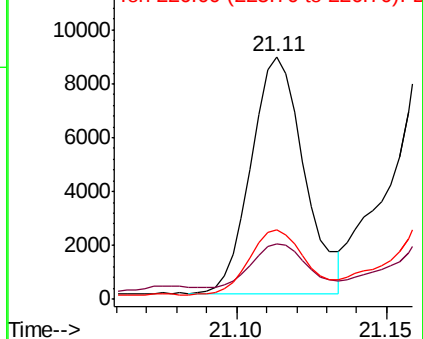
228 100

229 23.1 15.7 23.5

226 28.7 21.5 32.3



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: 0.277 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

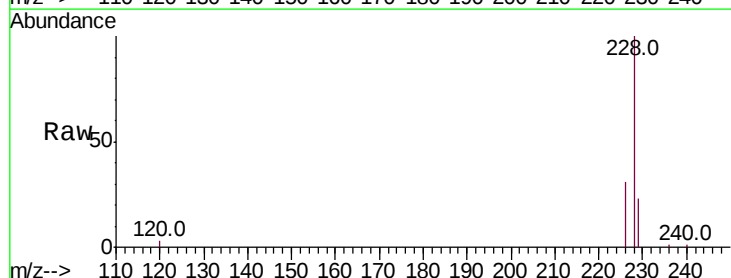
Tgt Ion:228 Resp: 15219

Ion Ratio Lower Upper

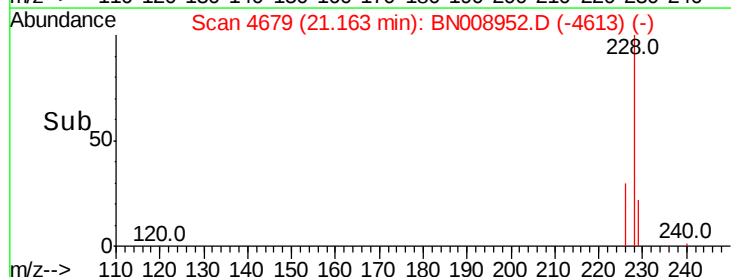
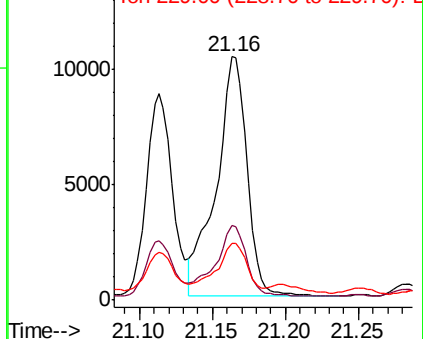
228 100

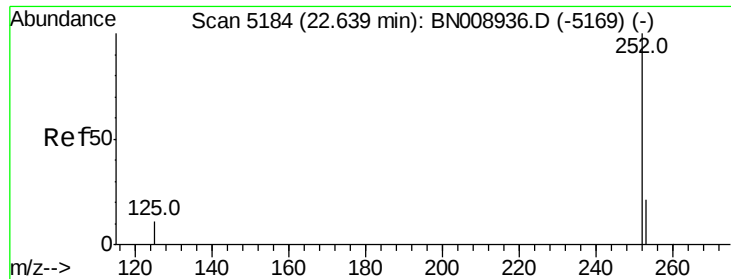
226 30.8 23.8 35.6

229 23.2 15.6 23.4



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: 0.299 ng/u1

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

ClientSampleId :

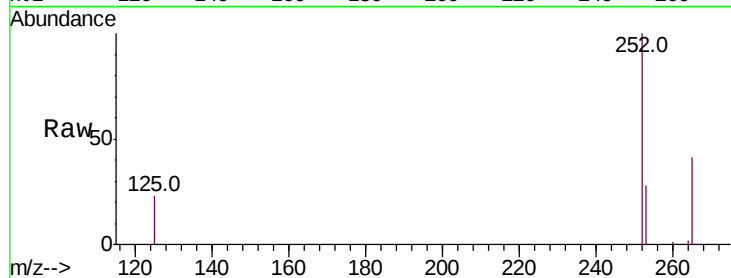
Tot Ion:252 Resp: 17588

Ion Ratio Lower Upper

252 100

253 28.4 0.0 48.6

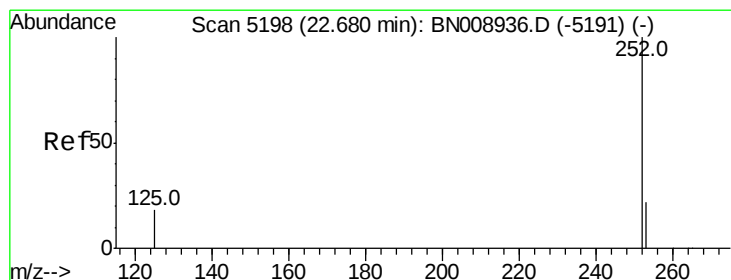
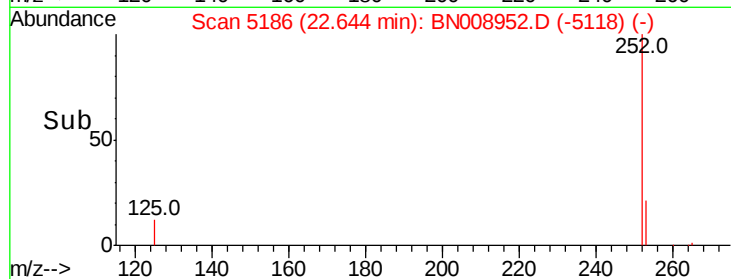
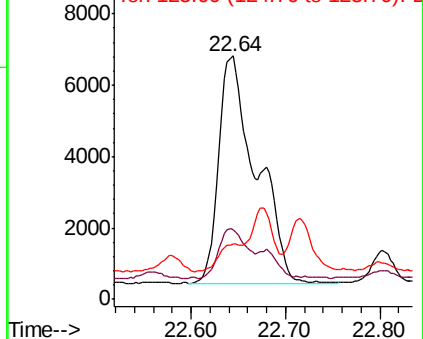
125 22.8 0.0 31.6



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: 0.302 ng/u1

RT: 22.64 min Scan# 5186

Delta R.T. -0.04 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

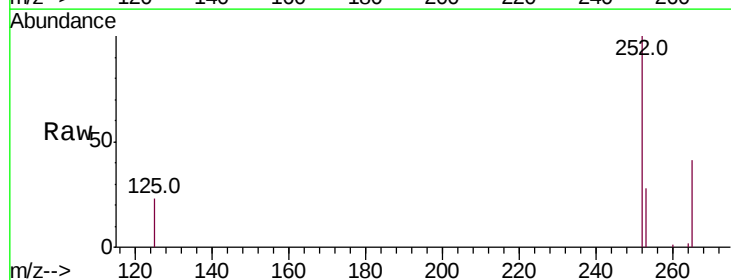
Tgt Ion:252 Resp: 17588

Ion Ratio Lower Upper

252 100

253 28.4 19.6 29.4

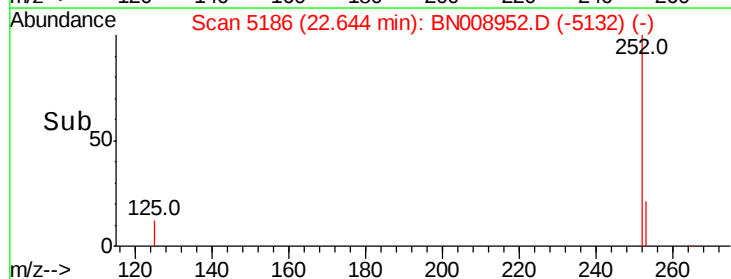
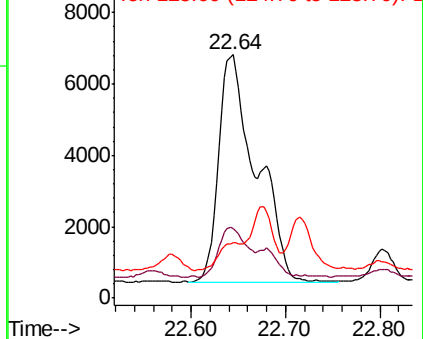
125 22.8 13.8 20.6#

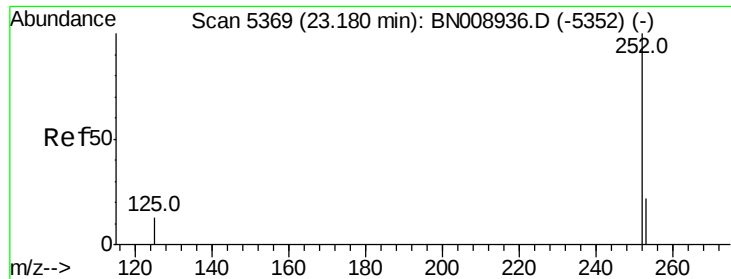


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.147 ng/u1

RT: 23.18 min Scan# 5369

Delta R.T. -0.01 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

ClientSampleId :

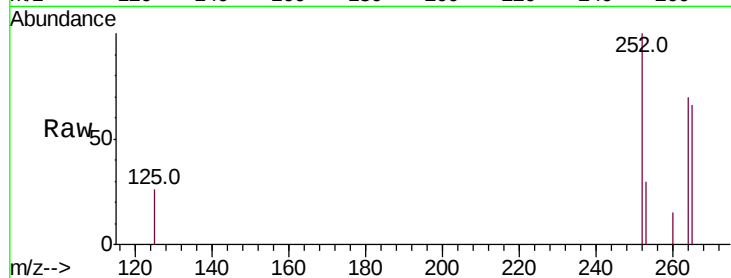
Tot Ion:252 Resp: 8128

Ion Ratio Lower Upper

252 100

253 30.3 19.9 29.9#

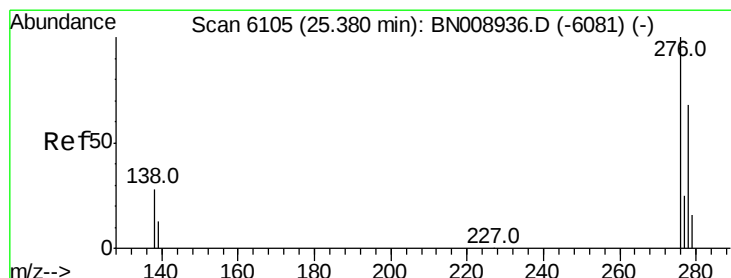
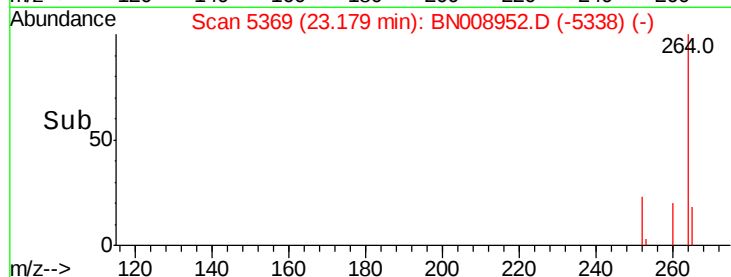
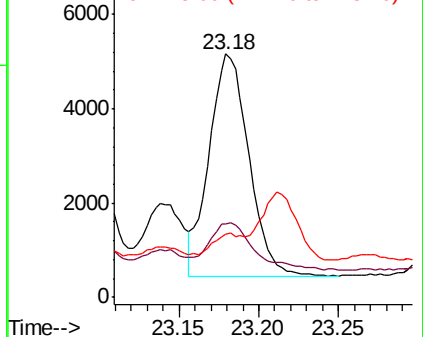
125 25.9 14.6 22.0#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.074 ng/u1

RT: 25.38 min Scan# 6104

Delta R.T. -0.01 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

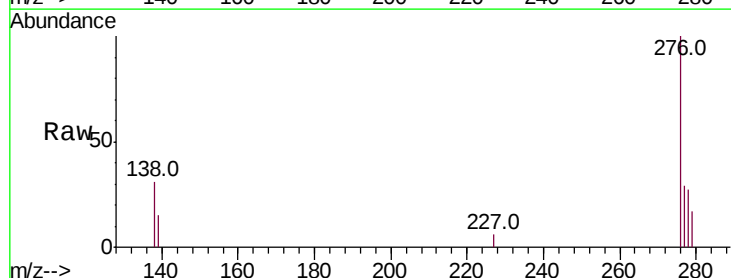
Tgt Ion:276 Resp: 4775

Ion Ratio Lower Upper

276 100

138 28.7 23.8 35.6

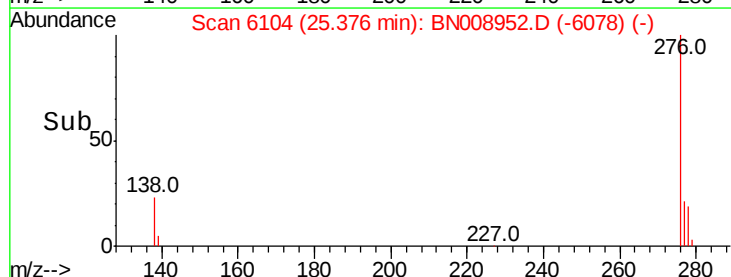
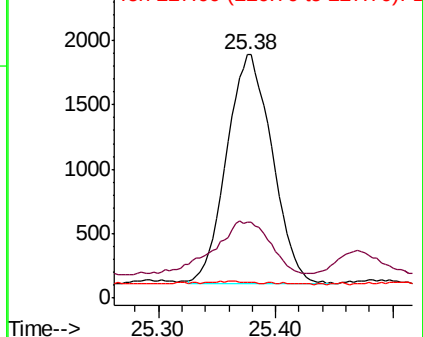
227 0.7 0.2 0.2#

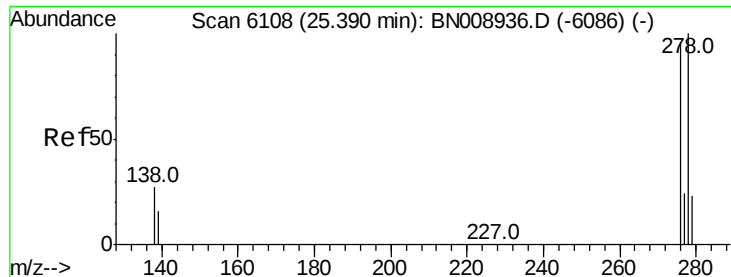


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

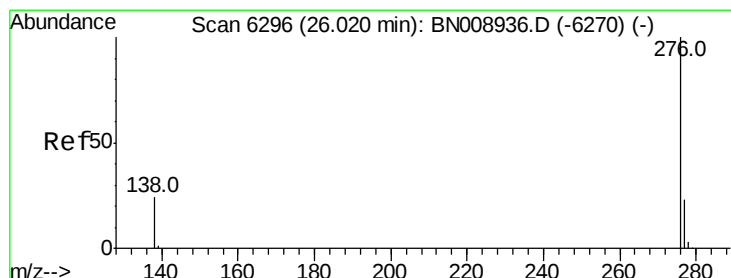
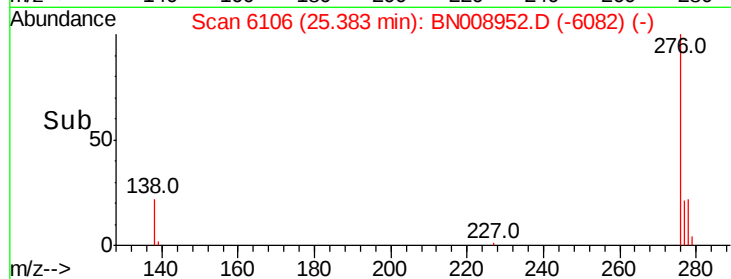
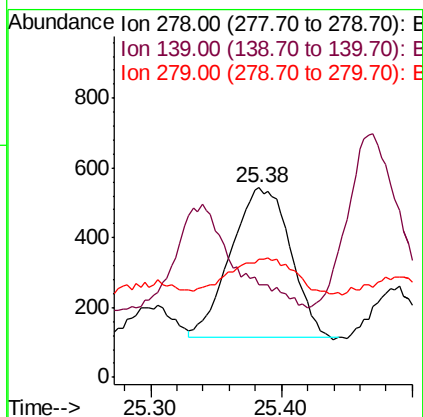
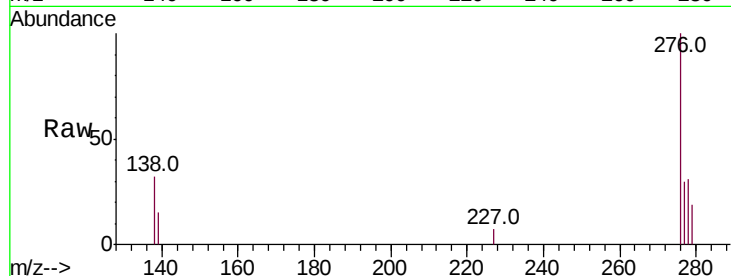




#25
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.02 min
Lab File: BN008952.D
Acq: 12 Dec 2019 19:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1358
Ion Ratio Lower Upper
278 100
139 49.2 17.4 26.0#
279 62.2 20.5 30.7#



#26
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008952.D
Acq: 12 Dec 2019 19:03

Tgt Ion:276 Resp: 4595
Ion Ratio Lower Upper
276 100
138 32.2 21.9 32.9
277 28.1 19.9 29.9

