

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008933.D
 Acq On : 12 Dec 2019 00:43
 Operator : JU
 Sample : K6088-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 12 02:45:24 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 01:20:09 2019
 Response via : Initial Calibration

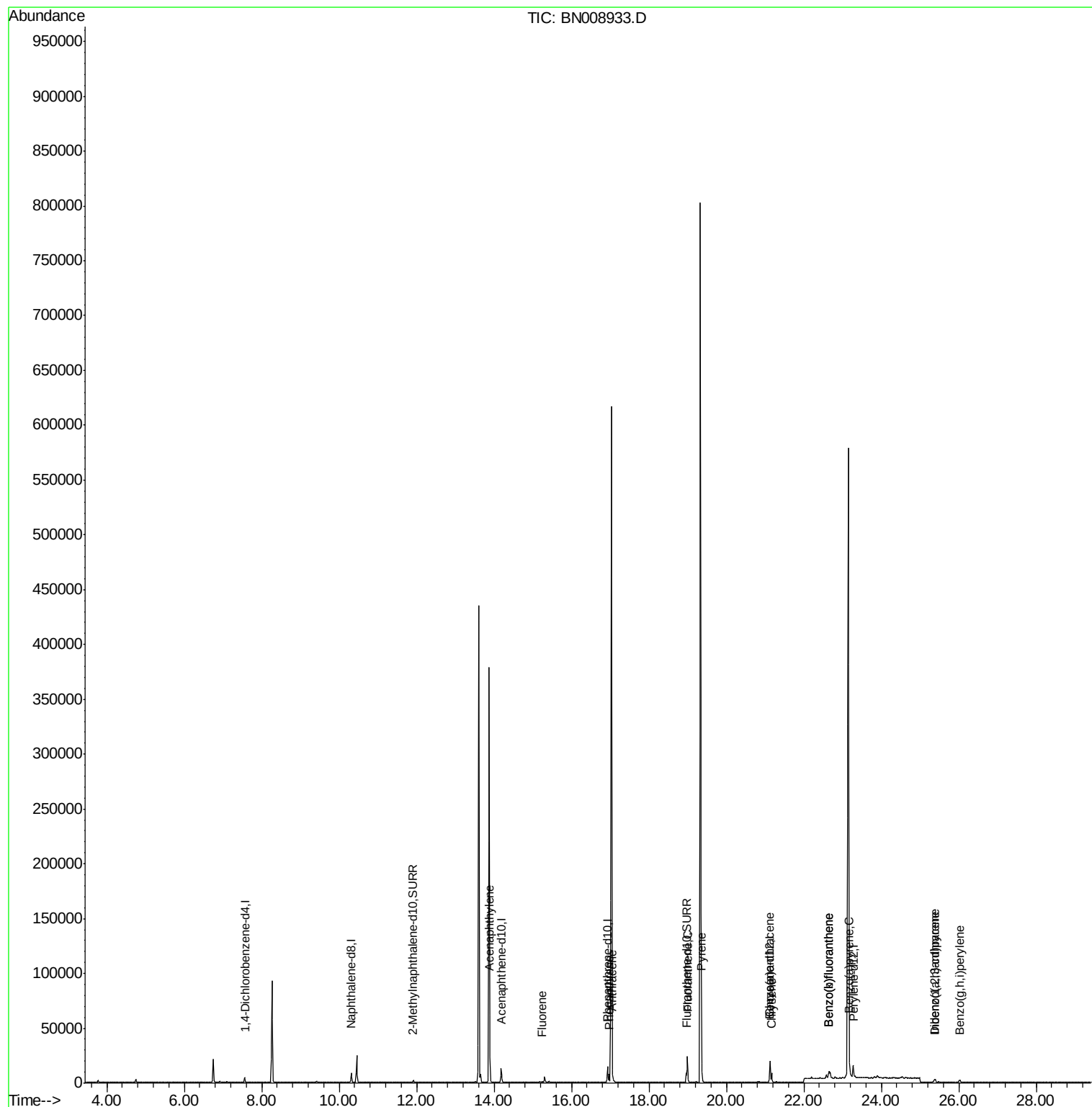
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2421	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10571	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6942	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16022	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14075	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14413	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2954	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9295	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.90	152	1091	0.028	ng/ul#	82
9) Fluorene	15.24	166	694	0.021	ng/ul#	95
12) Phenanthrene	16.97	178	7993	0.148	ng/ul	99
13) Anthracene	17.06	178	1996	0.039	ng/ul#	90
15) Fluoranthene	18.99	202	19093	0.288	ng/ul	98
17) Pyrene	19.36	202	17480	0.310	ng/ul	99
18) Benzo(a)anthracene	21.11	228	7884	0.139	ng/ul	97
19) Chrysene	21.17	228	7346	0.132	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	13286	0.224	ng/ul	84
22) Benzo(k)fluoranthene	22.64	252	13286	0.225	ng/ul#	85
23) Benzo(a)pyrene	23.18	252	6643	0.119	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.38	276	4293	0.066	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.39	278	1239	0.024	ng/ul#	47
26) Benzo(g,h,i)perylene	26.02	276	3984	0.073	ng/ul	94

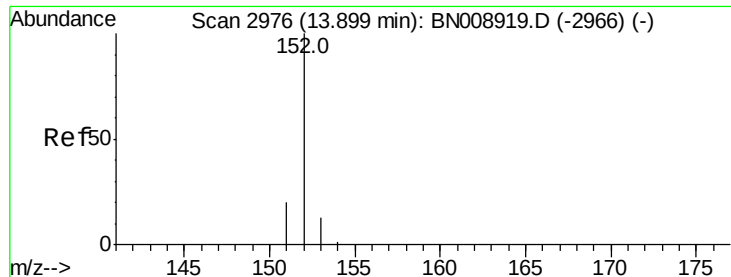
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 01:20:09 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

ClientSampleId :

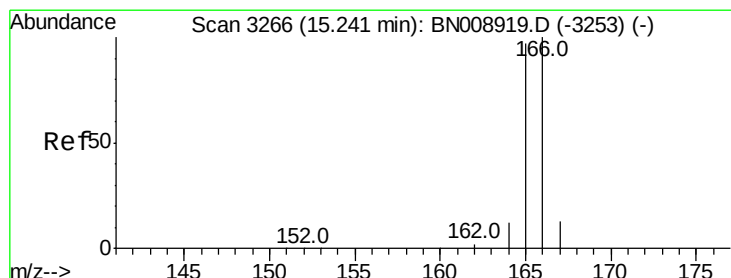
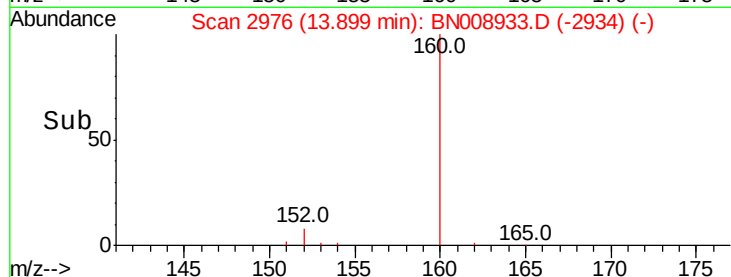
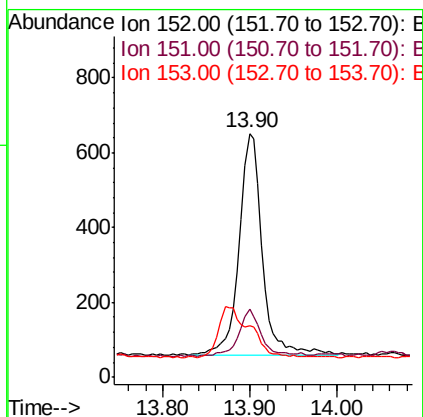
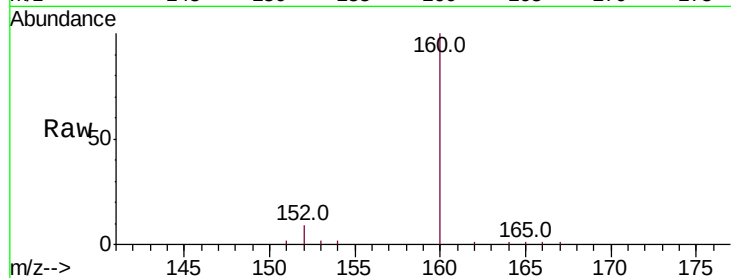
Tot Ion:152 Resp: 1091

Ion Ratio Lower Upper

152 100

151 27.8 15.8 23.6#

153 21.0 10.6 15.8#



#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

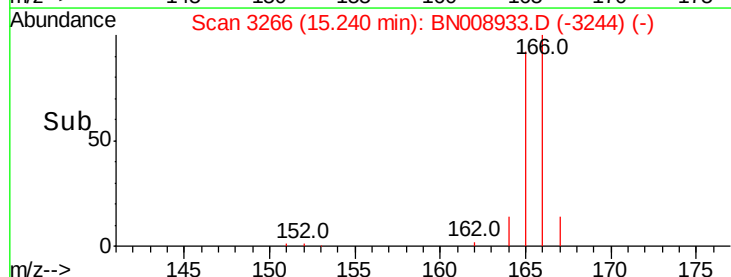
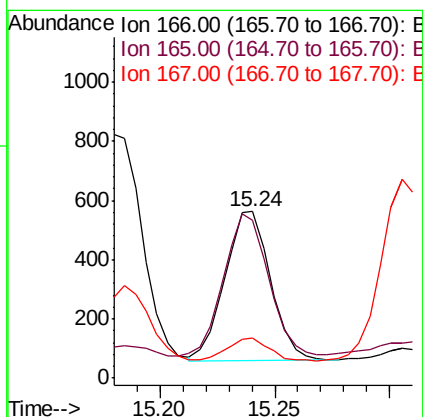
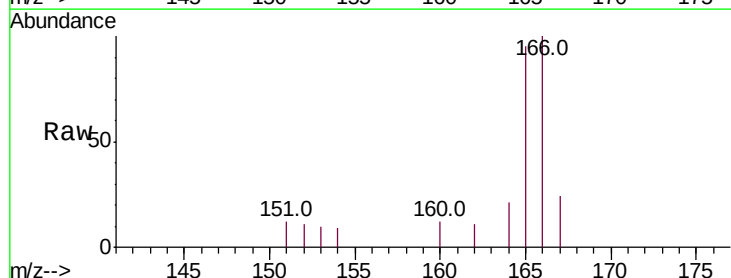
Tgt Ion:166 Resp: 694

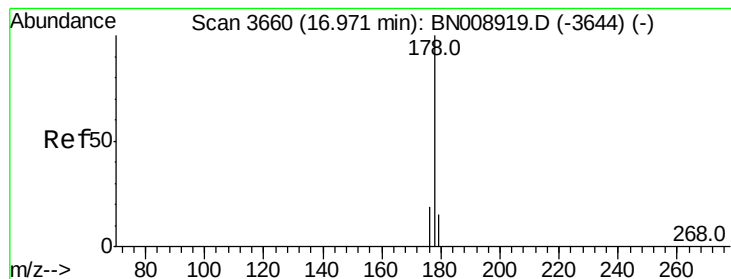
Ion Ratio Lower Upper

166 100

165 94.8 77.7 116.5

167 23.8 11.1 16.7#





#12

Phenanthrene

Concen: 0.148 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

ClientSampleId :

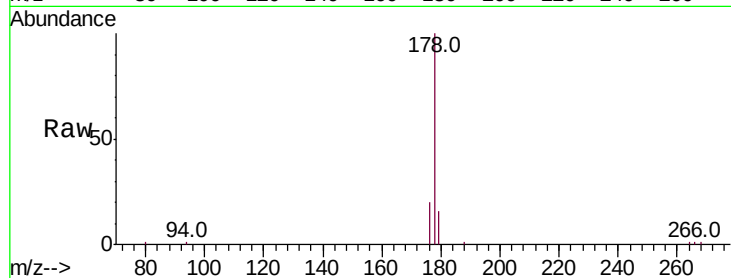
Tot Ion:178 Resp: 7993

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

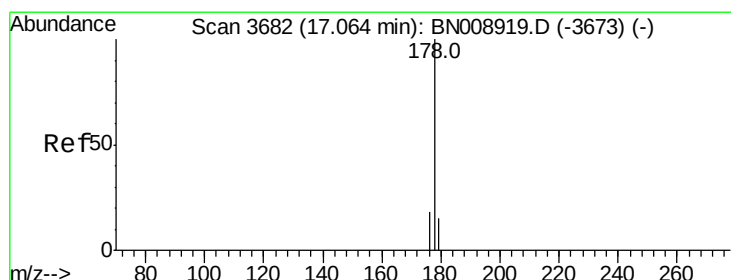
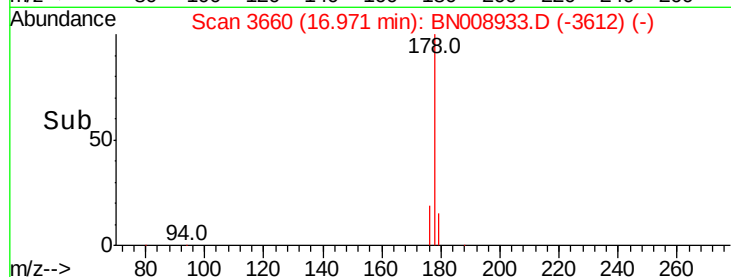
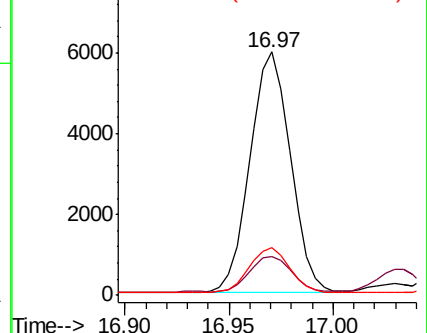
176 19.6 15.3 22.9



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: 0.039 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

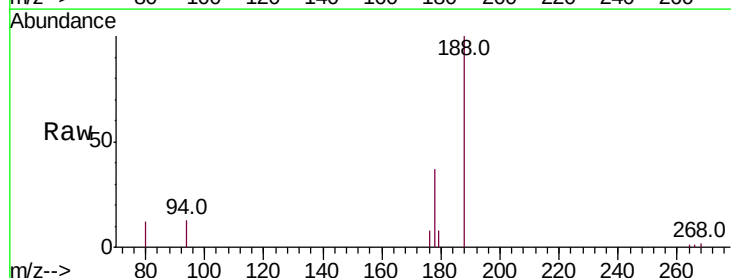
Tgt Ion:178 Resp: 1996

Ion Ratio Lower Upper

178 100

179 20.9 12.2 18.4#

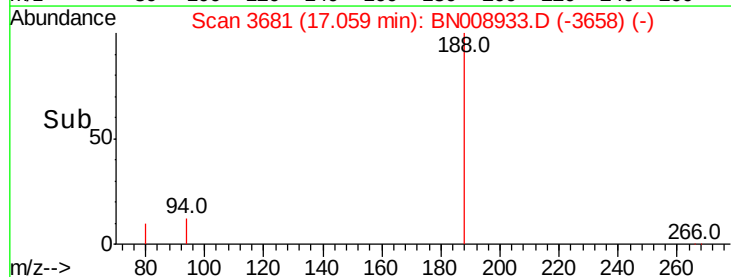
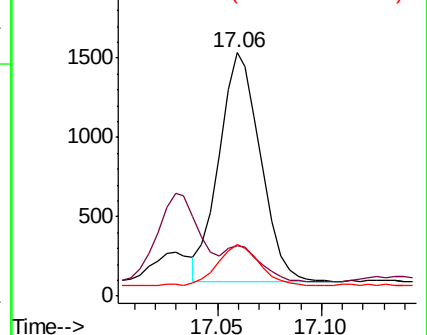
176 21.3 14.7 22.1

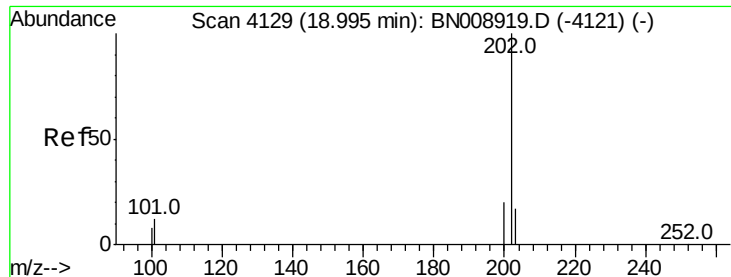


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

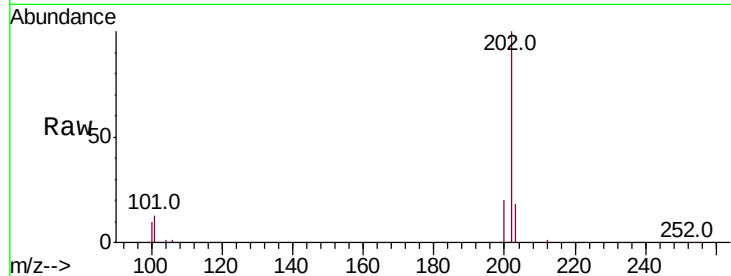




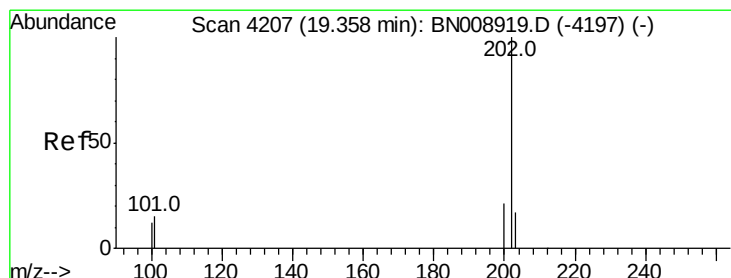
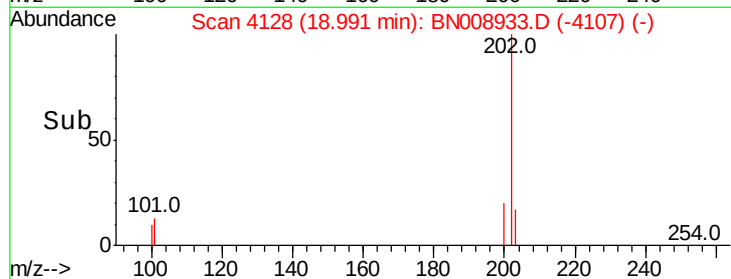
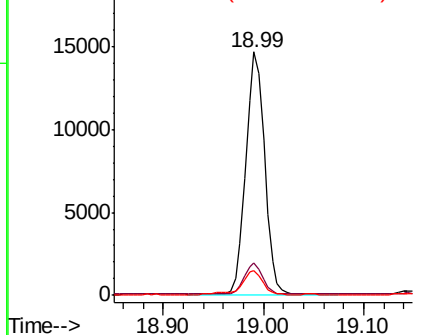
#15
Fluoranthene
Concen: 0.288 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.4
100	10.0	0.0	29.2

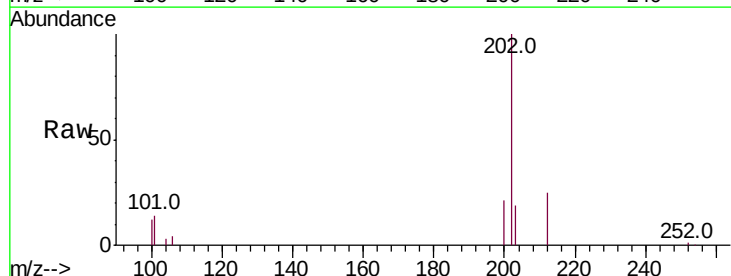


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

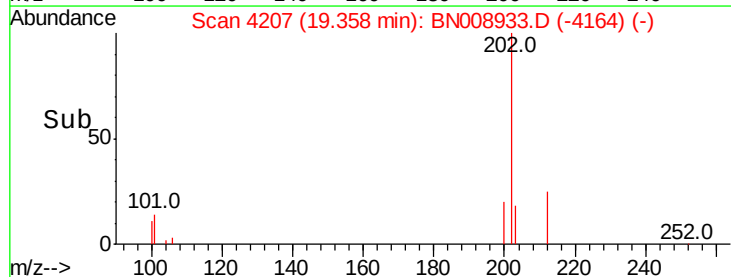
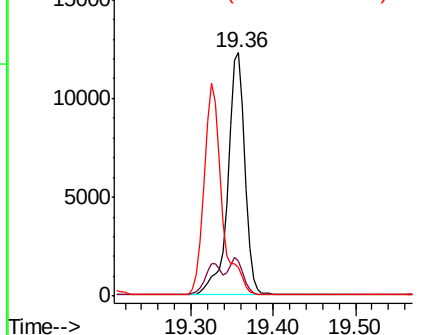


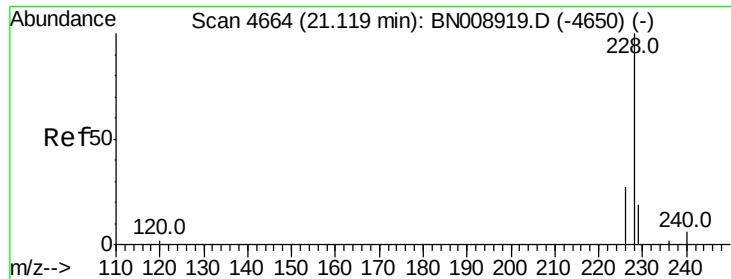
#17
Pyrene
Concen: 0.310 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.2	18.4
100	11.7	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: 0.139 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. -0.01 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

ClientSampleId :

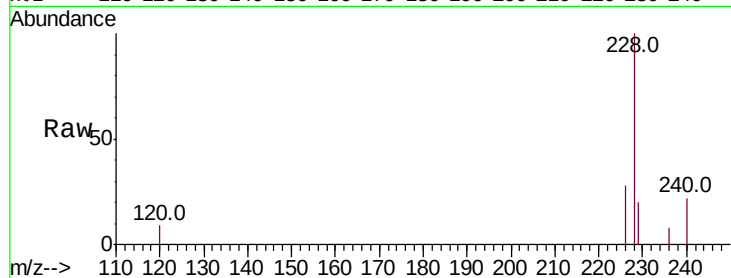
Tot Ion:228 Resp: 7884

Ion Ratio Lower Upper

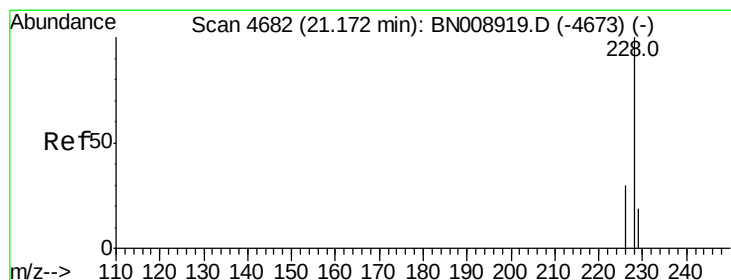
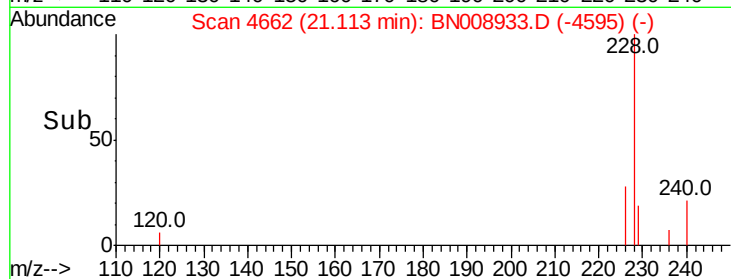
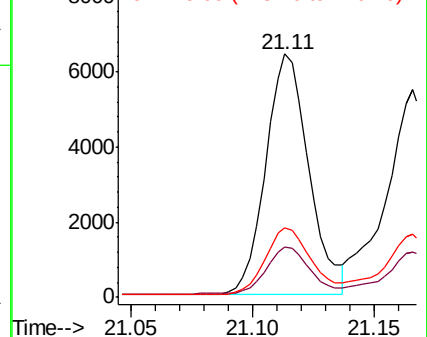
228 100

229 20.4 15.7 23.5

226 28.5 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: 0.132 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

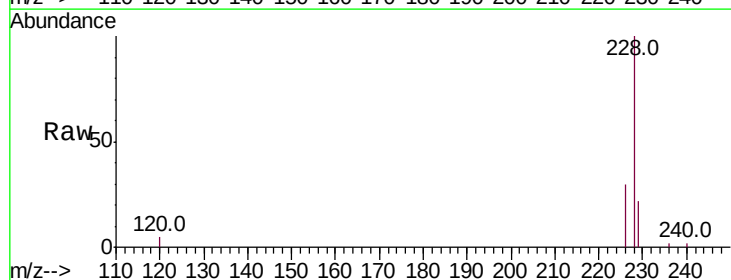
Tgt Ion:228 Resp: 7346

Ion Ratio Lower Upper

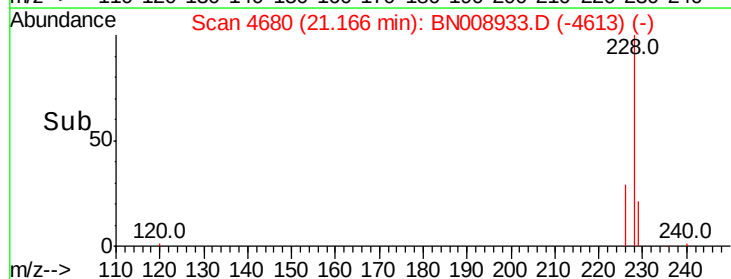
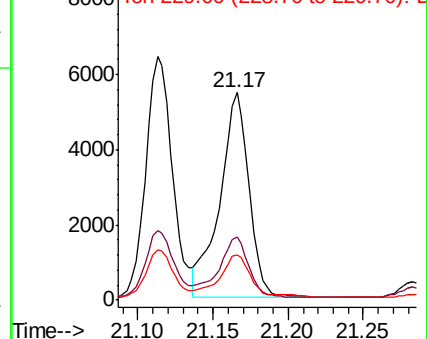
228 100

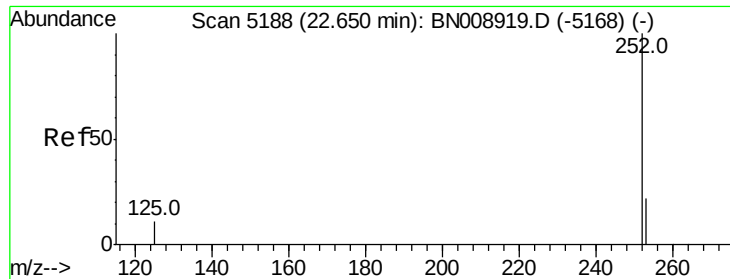
226 30.4 23.8 35.6

229 21.8 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: 0.224 ng/ul

RT: 22.64 min Scan# 5185

Delta R.T. -0.01 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

ClientSampleId :

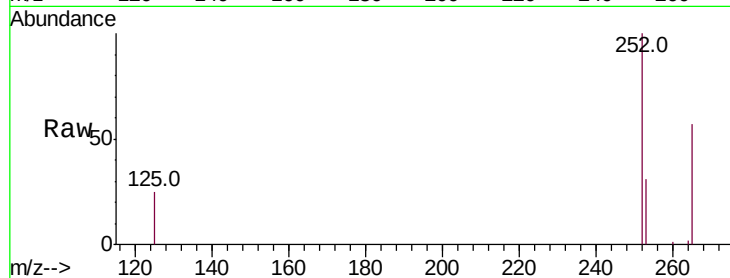
Tot Ion:252 Resp: 13286

Ion Ratio Lower Upper

252 100

253 30.7 0.0 48.6

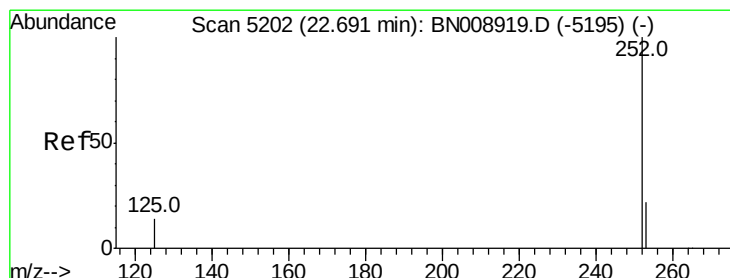
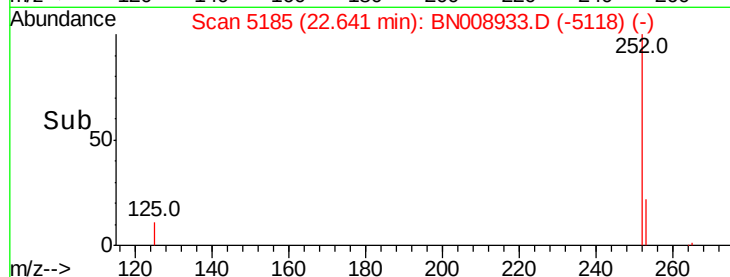
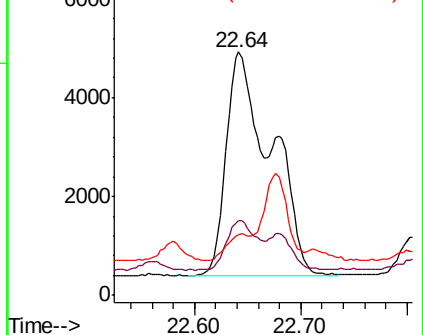
125 25.0 0.0 31.6



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: 0.225 ng/ul

RT: 22.64 min Scan# 5185

Delta R.T. -0.05 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

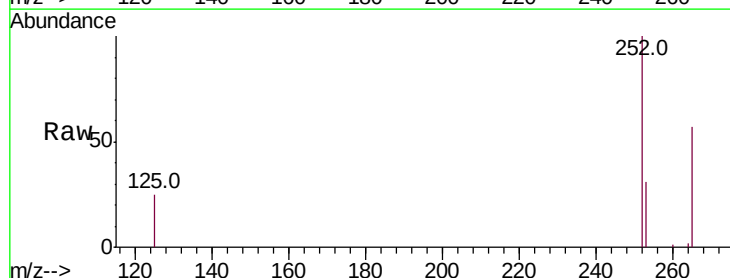
Tgt Ion:252 Resp: 13286

Ion Ratio Lower Upper

252 100

253 30.7 19.6 29.4#

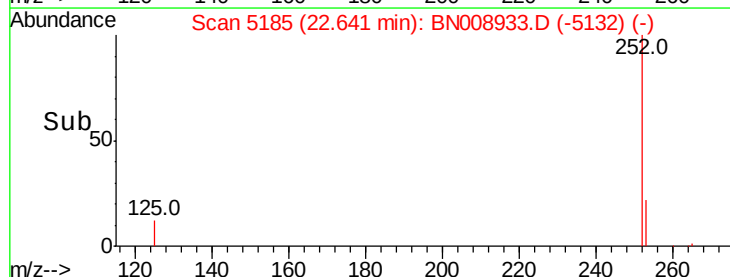
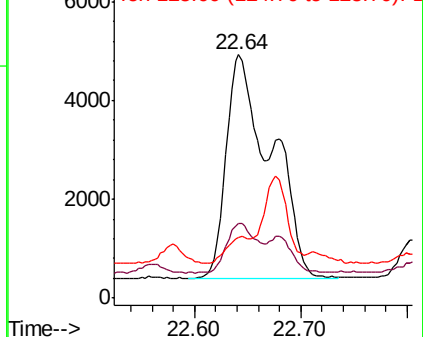
125 25.0 13.8 20.6#

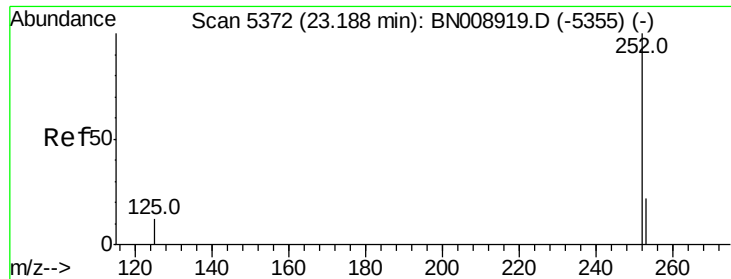


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.119 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

ClientSampleId :

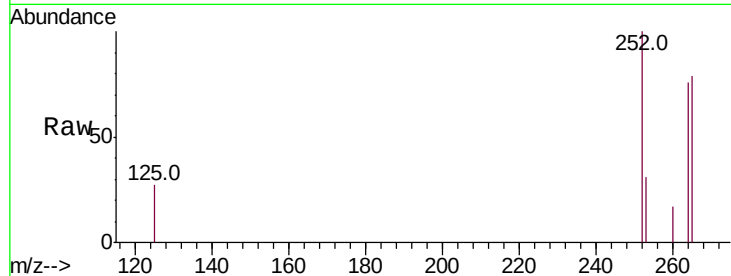
Tot Ion:252 Resp: 6643

Ion Ratio Lower Upper

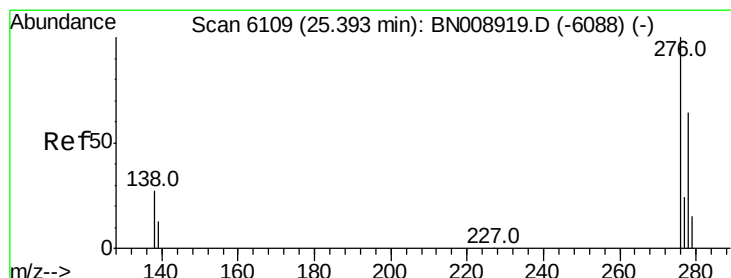
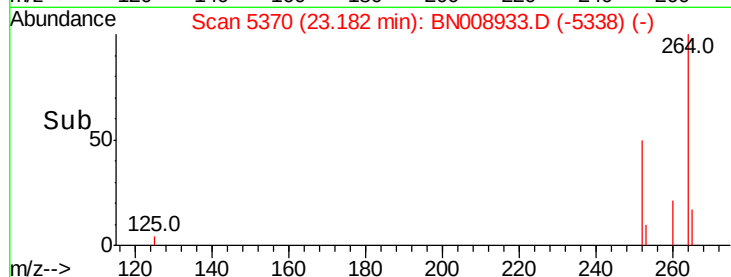
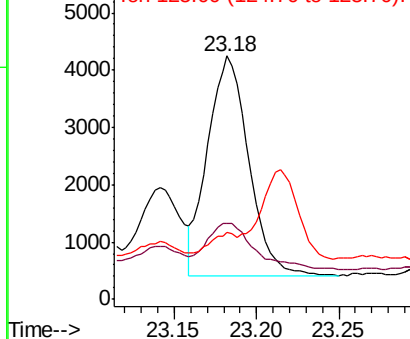
252 100

253 31.1 19.9 29.9#

125 27.3 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: 0.066 ng/ul

RT: 25.38 min Scan# 6105

Delta R.T. -0.01 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

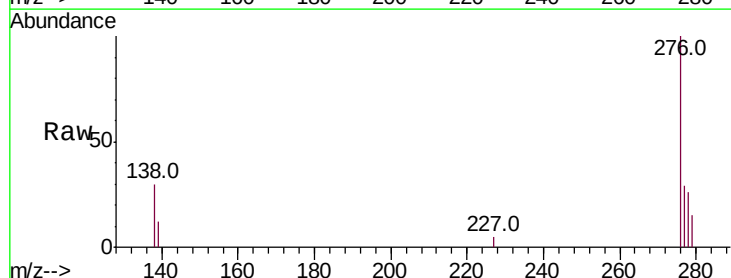
Tgt Ion:276 Resp: 4293

Ion Ratio Lower Upper

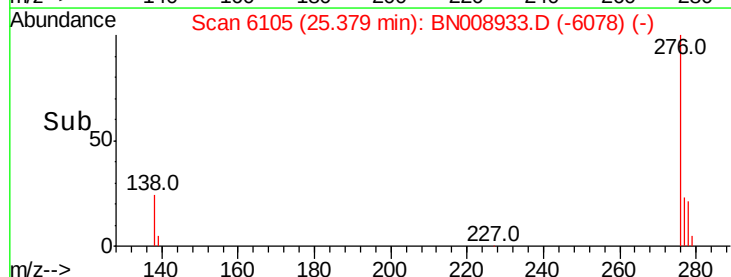
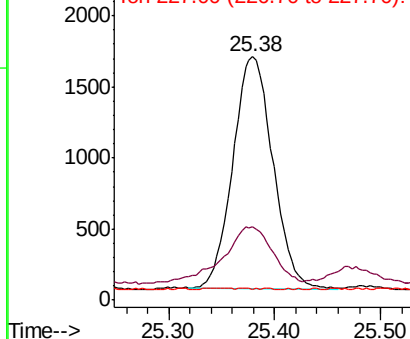
276 100

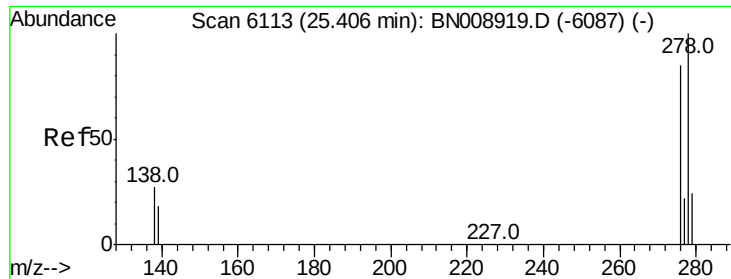
138 28.0 23.8 35.6

227 0.3 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

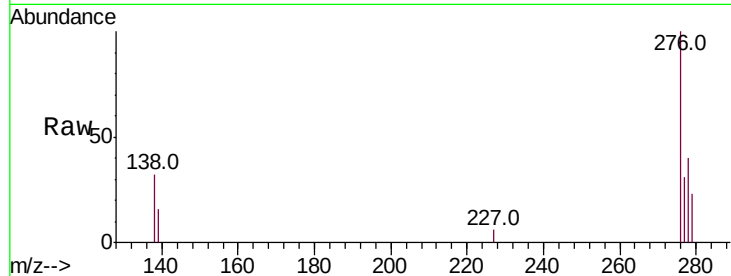




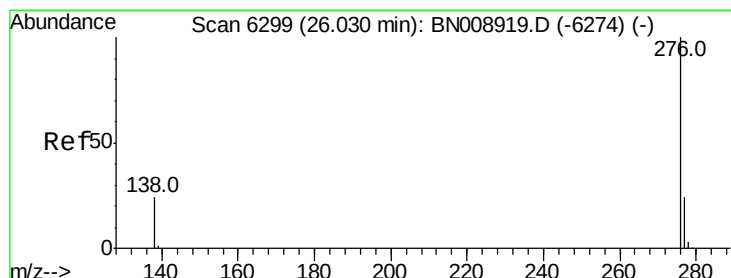
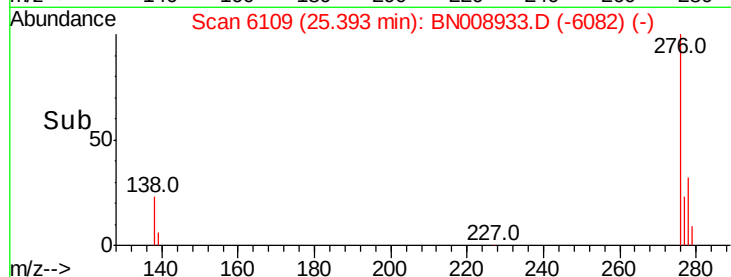
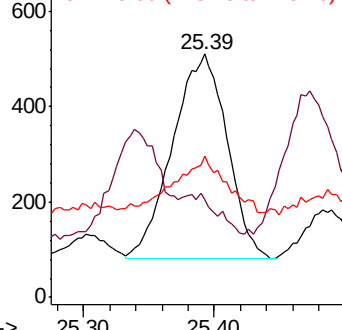
#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1239
Ion Ratio Lower Upper
278 100
139 40.3 17.4 26.0#
279 58.1 20.5 30.7#

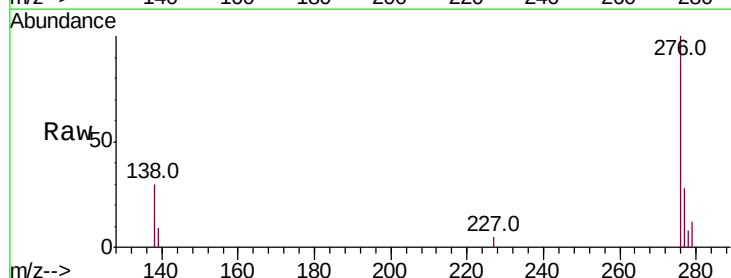


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Tgt Ion:276 Resp: 3984
Ion Ratio Lower Upper
276 100
138 30.0 21.9 32.9
277 28.4 19.9 29.9



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

