

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008876.D
 Acq On : 07 Dec 2019 00:59
 Operator : JU
 Sample : K6007-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 07 01:37:47 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 Dec 06 23:00:12 2019
 Response via : Initial Calibration

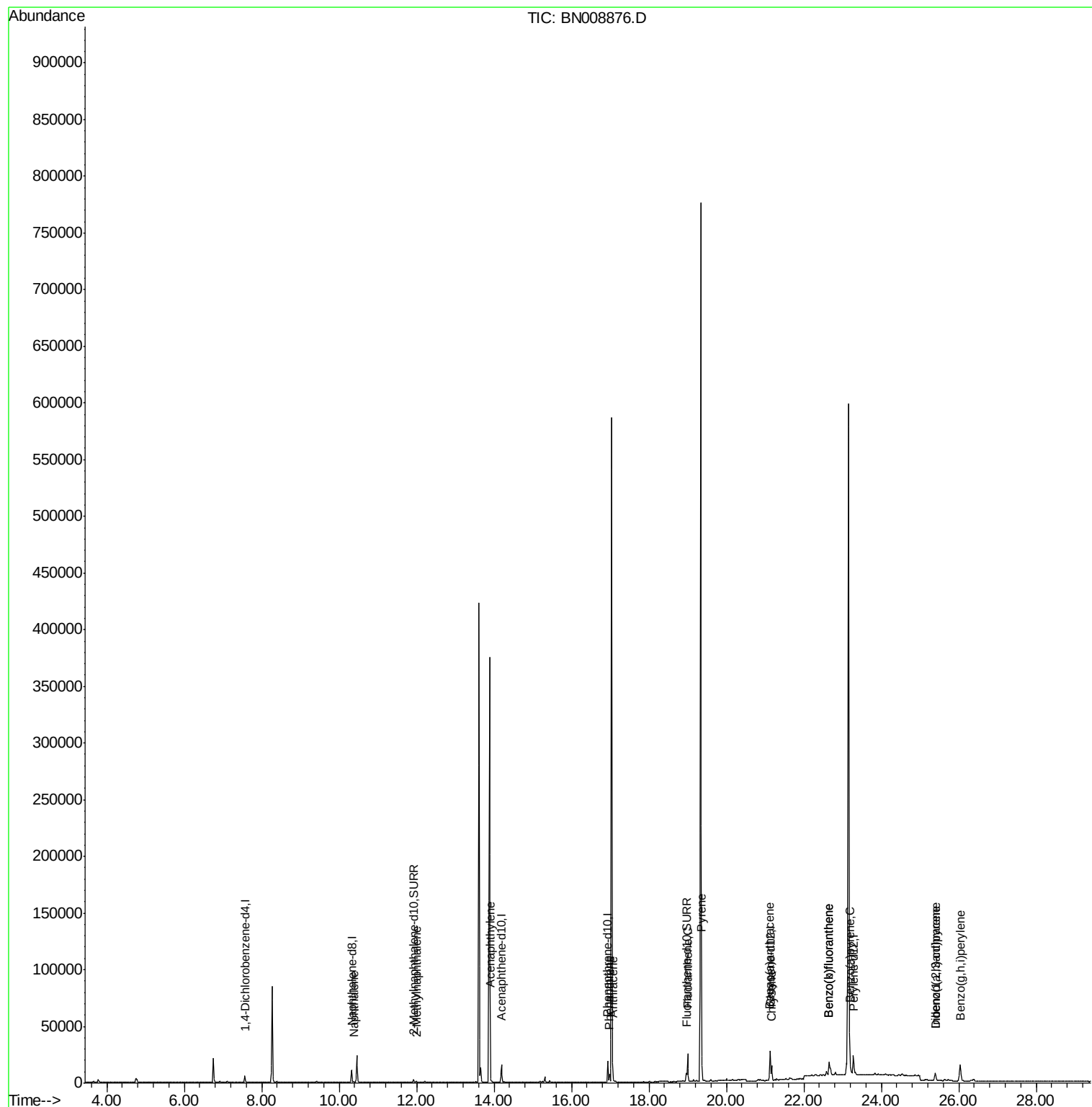
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2822	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	12893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8657	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	19682	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	18065	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	21437	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2904	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	9336	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1208	0.031	ng/ul#	85
5) 2-Methylnaphthalene	11.99	142	715	0.026	ng/ul	95
7) Acenaphthylene	13.91	152	1878	0.039	ng/ul#	90
12) Phenanthrene	16.98	178	7217	0.109	ng/ul	98
13) Anthracene	17.07	178	2702	0.043	ng/ul#	91
15) Fluoranthene	19.00	202	20033	0.246	ng/ul	100
17) Pyrene	19.36	202	18819	0.260	ng/ul	99
18) Benzo(a)anthracene	21.12	228	12865	0.177	ng/ul#	89
19) Chrysene	21.17	228	13237	0.186	ng/ul#	89
21) Benzo(b)fluoranthene	22.65	252	23216	0.263	ng/ul	78
22) Benzo(k)fluoranthene	22.65	252	23175	0.264	ng/ul#	80
23) Benzo(a)pyrene	23.19	252	10697	0.129	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.39	276	9373	0.097	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.40	278	2421	0.031	ng/ul#	31
26) Benzo(g,h,i)perylene	26.04	276	26260	0.323	ng/ul	99

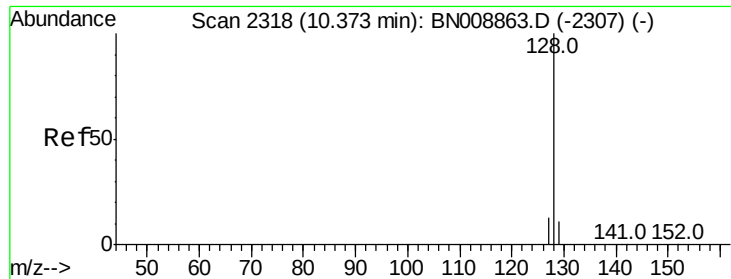
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008876.D
Acq On : 07 Dec 2019 00:59
Operator : JU
Sample : K6007-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 07 01:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 23:00:12 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

ClientSampled :

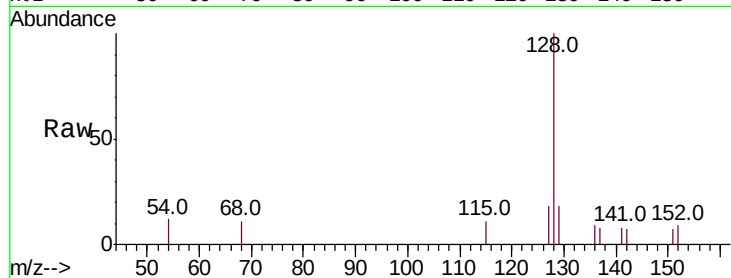
Tot Ion:128 Resp: 1208

Ion Ratio Lower Upper

128 100

129 17.9 9.1 13.7#

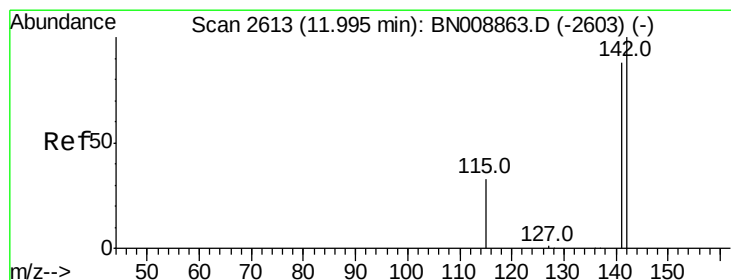
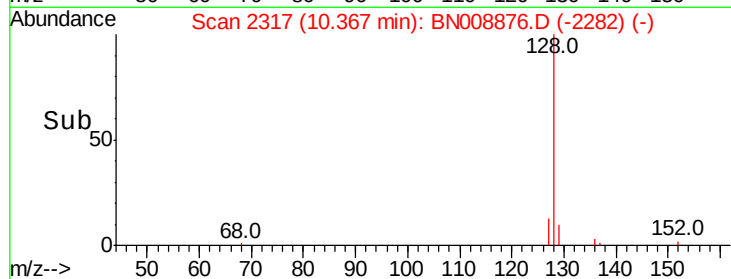
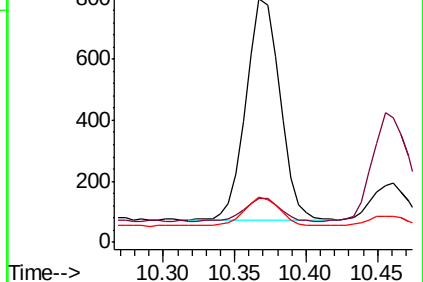
127 18.4 10.7 16.1#



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: 0.026 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008876.D

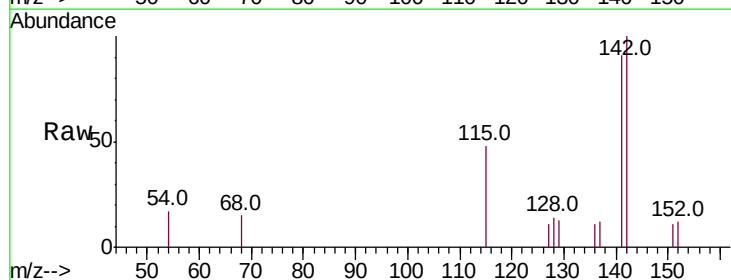
Acq: 07 Dec 2019 00:59

Tgt Ion:142 Resp: 715

Ion Ratio Lower Upper

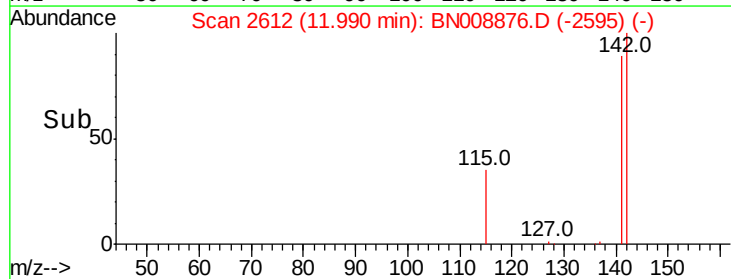
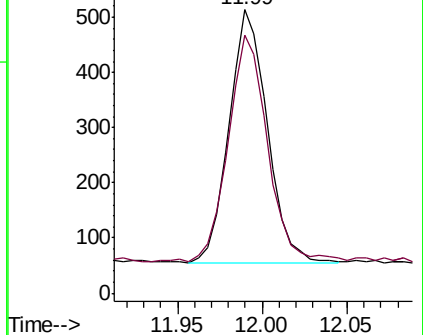
142 100

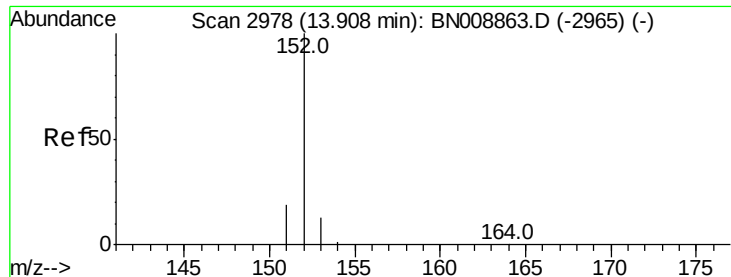
141 92.4 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

ClientSampleId :

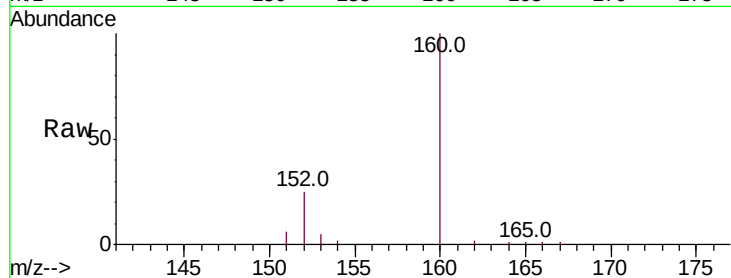
Tot Ion:152 Resp: 1878

Ion Ratio Lower Upper

152 100

151 23.4 15.8 23.6

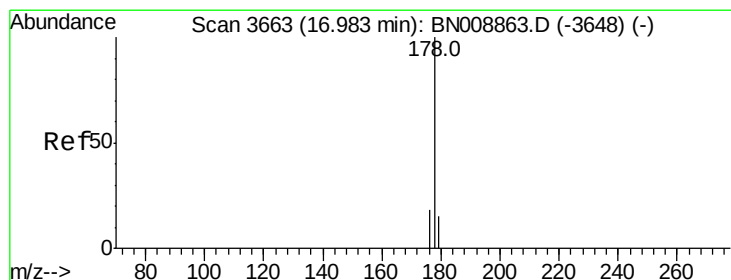
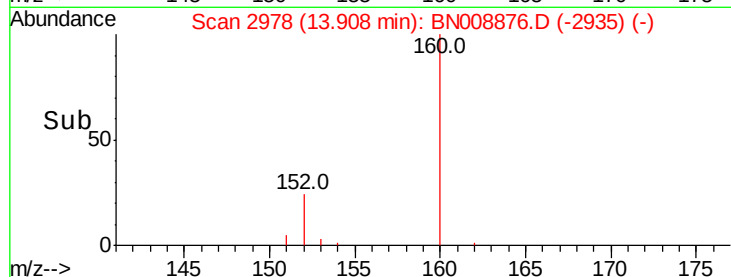
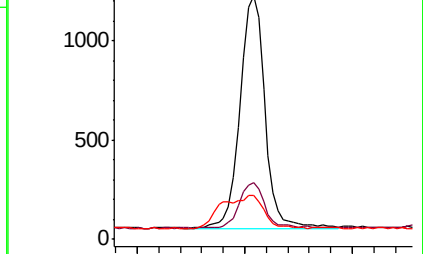
153 18.2 10.6 15.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.109 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

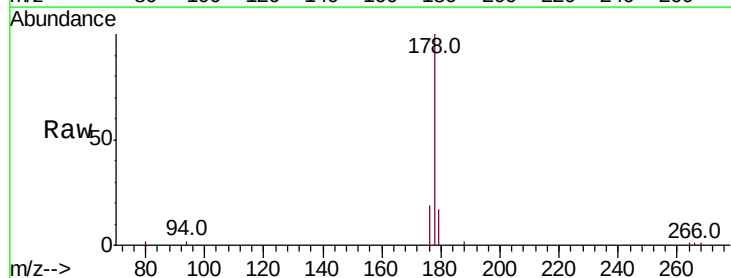
Tgt Ion:178 Resp: 7217

Ion Ratio Lower Upper

178 100

179 17.1 12.6 18.8

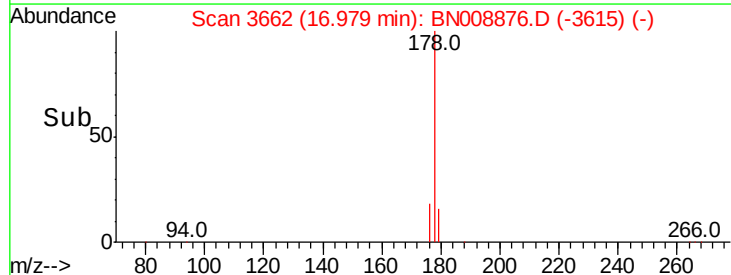
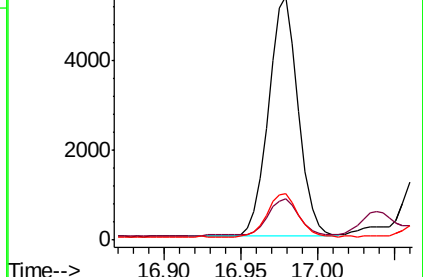
176 19.2 15.3 22.9

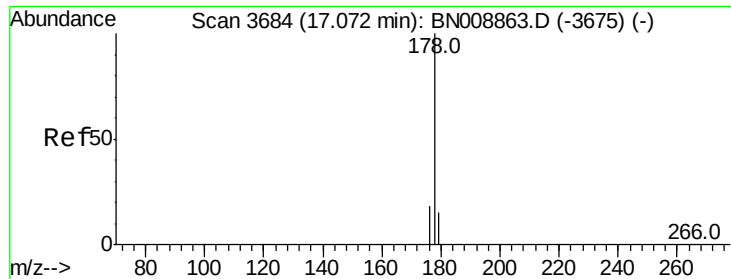


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

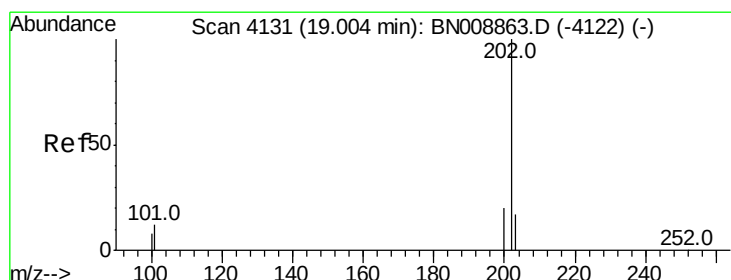
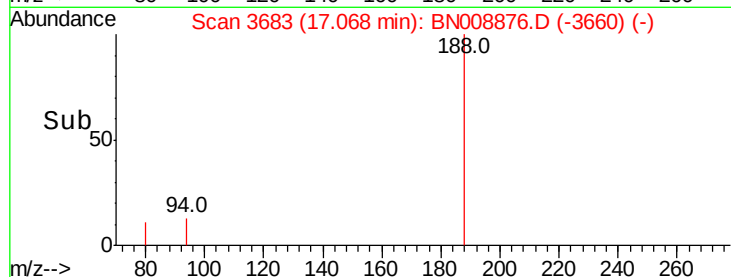
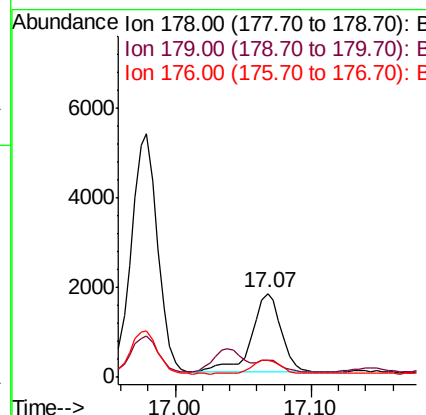
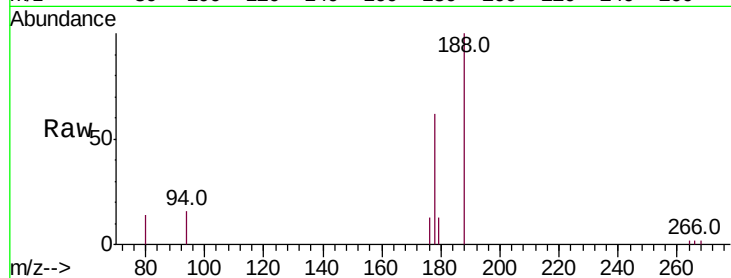




#13
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.07 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: BN008876.D
 Acq: 07 Dec 2019 00:59

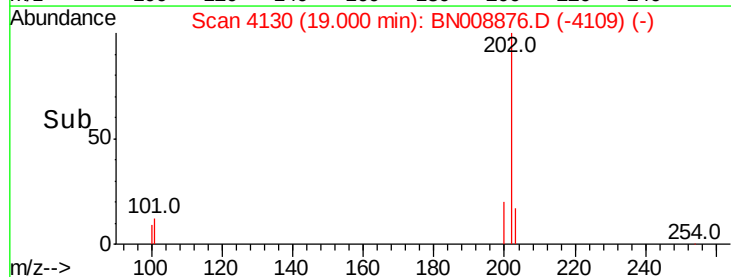
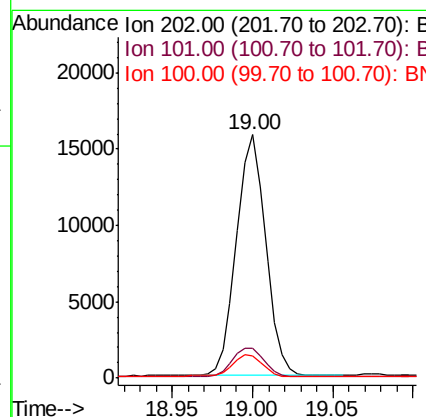
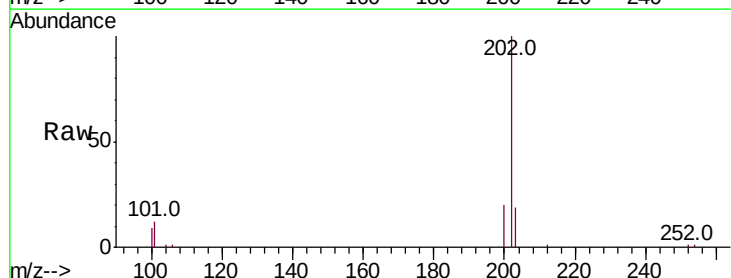
Instrument :
 BNA_N
 ClientSampleId :

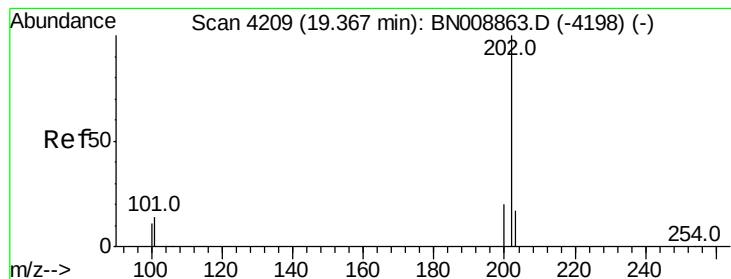
Tot Ion:178 Resp: 2702
 Ion Ratio Lower Upper
 178 100
 179 21.1 12.2 18.4#
 176 20.7 14.7 22.1



#15
 Fluoranthene
 Concen: 0.246 ng/ul
 RT: 19.00 min Scan# 4130
 Delta R.T. -0.00 min
 Lab File: BN008876.D
 Acq: 07 Dec 2019 00:59

Tgt Ion:202 Resp: 20033
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 32.4
 100 9.2 0.0 29.2





#17

Pvrene

Concen: 0.260 ng/ul

RT: 19.36 min Scan# 4208

Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

ClientSampleId :

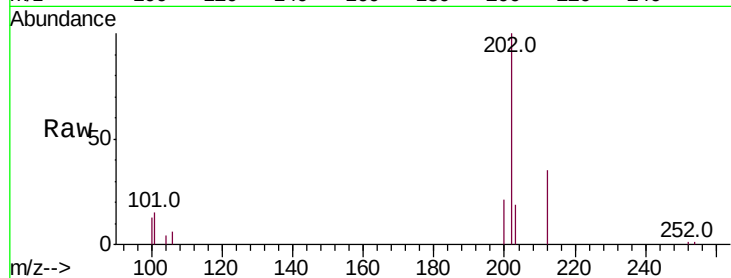
Tot Ion:202 Resp: 18819

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.4

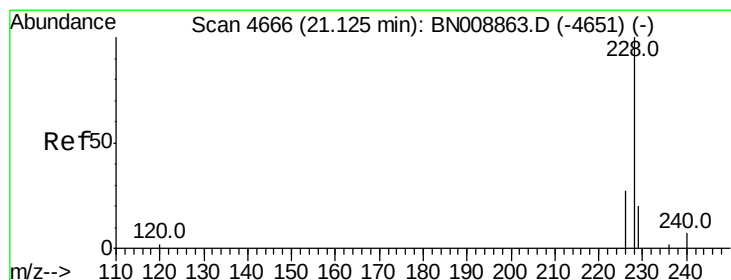
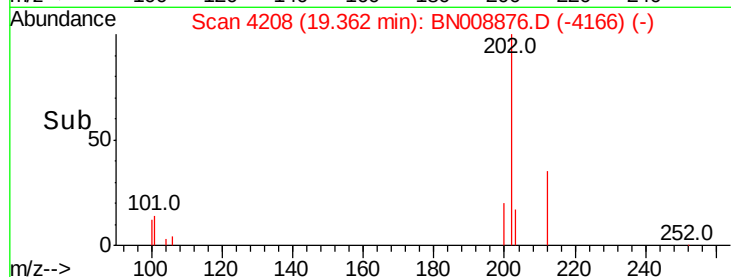
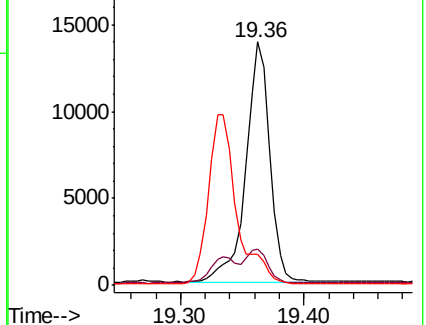
100 12.5 9.5 14.3



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: 0.177 ng/ul

RT: 21.12 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

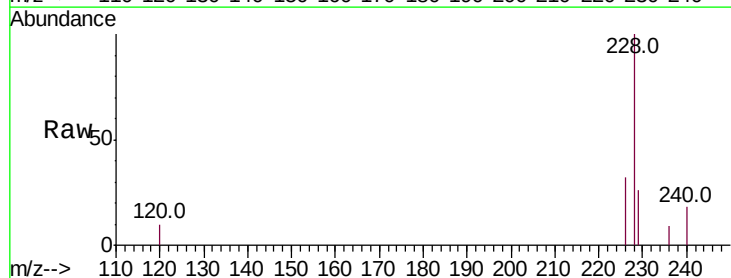
Tgt Ion:228 Resp: 12865

Ion Ratio Lower Upper

228 100

229 25.9 15.7 23.5#

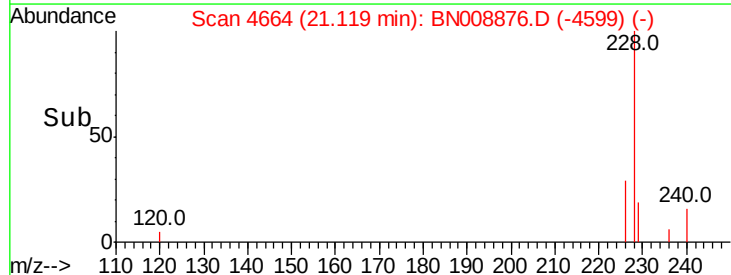
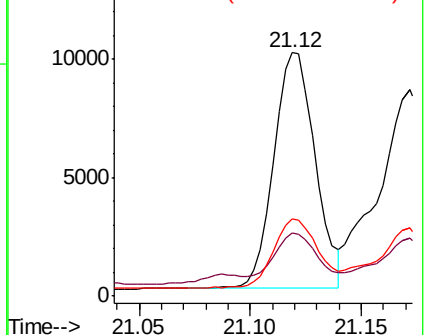
226 31.5 21.5 32.3

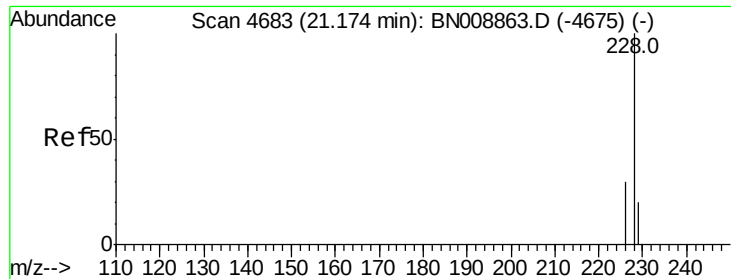


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.186 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

ClientSampleId :

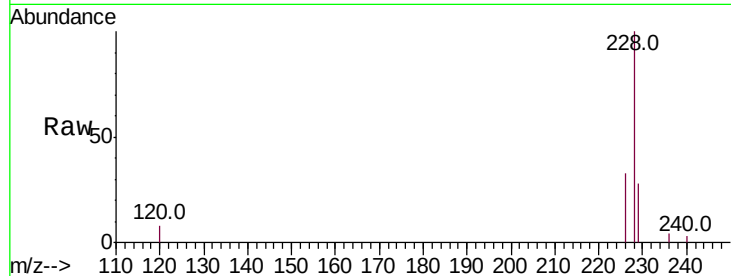
Tot Ion:228 Resp: 13237

Ion Ratio Lower Upper

228 100

226 32.9 23.8 35.6

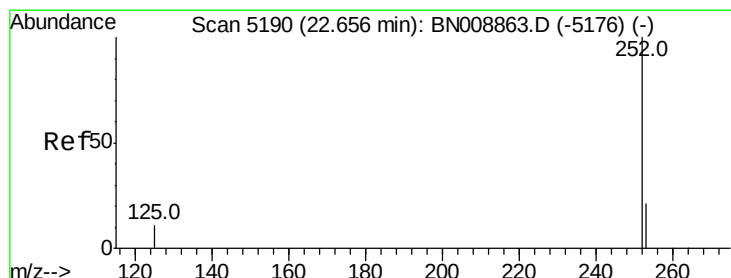
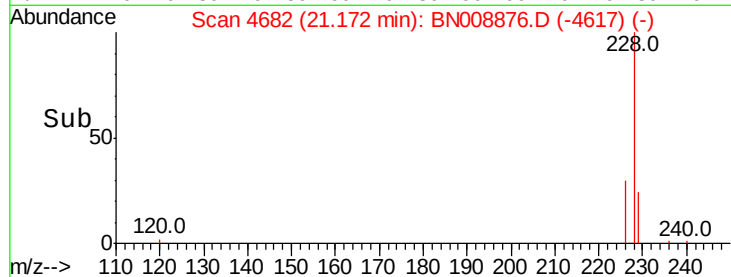
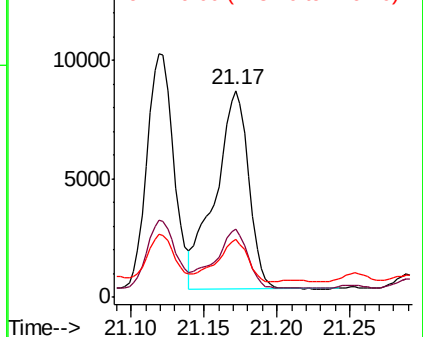
229 27.8 15.6 23.4#



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: 0.263 ng/ul

RT: 22.65 min Scan# 5188

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

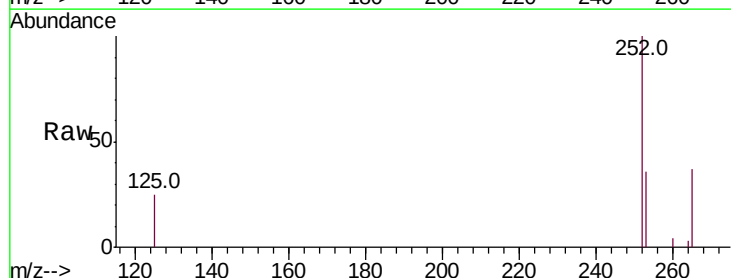
Tgt Ion:252 Resp: 23216

Ion Ratio Lower Upper

252 100

253 35.8 0.0 48.6

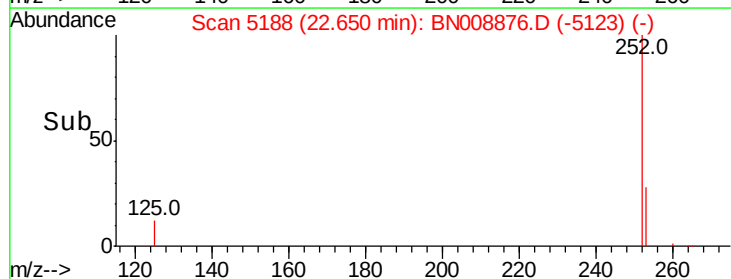
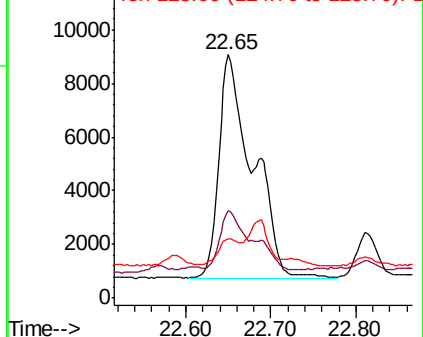
125 24.6 0.0 31.6

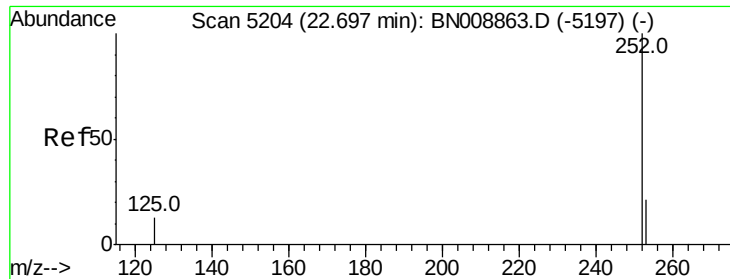


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.264 ng/ul

RT: 22.65 min Scan# 5188

Delta R.T. -0.05 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

ClientSampleId :

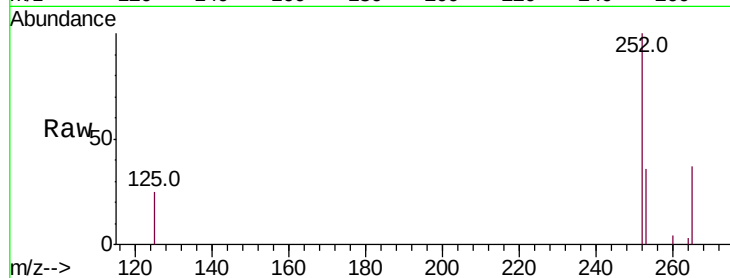
Tot Ion:252 Resp: 23175

Ion Ratio Lower Upper

252 100

253 35.8 19.6 29.4#

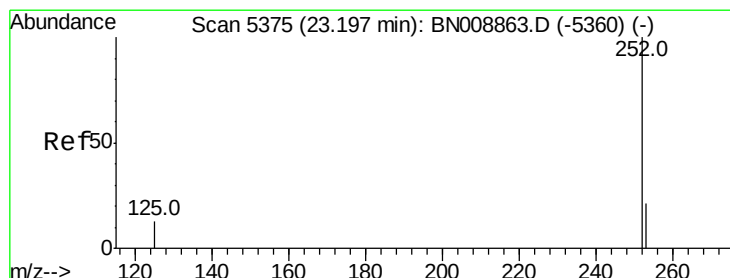
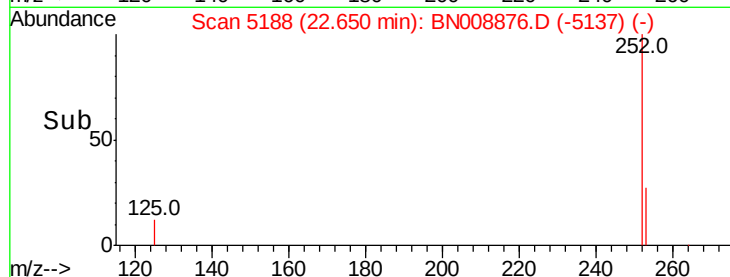
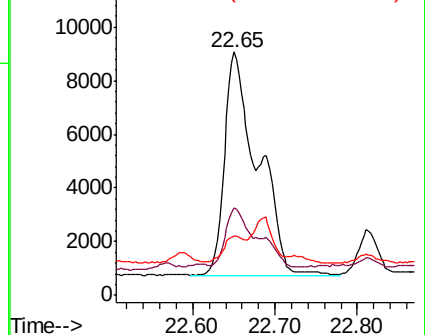
125 24.6 13.8 20.6#



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: 0.129 ng/ul

RT: 23.19 min Scan# 5373

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

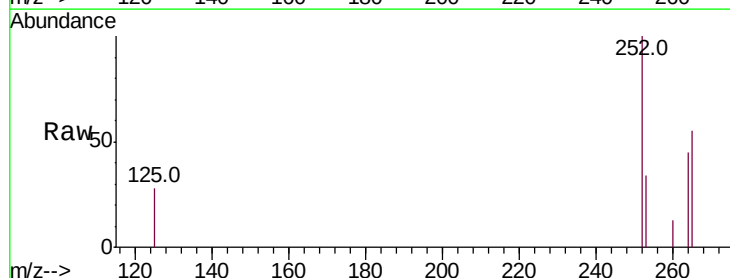
Tgt Ion:252 Resp: 10697

Ion Ratio Lower Upper

252 100

253 33.6 19.9 29.9#

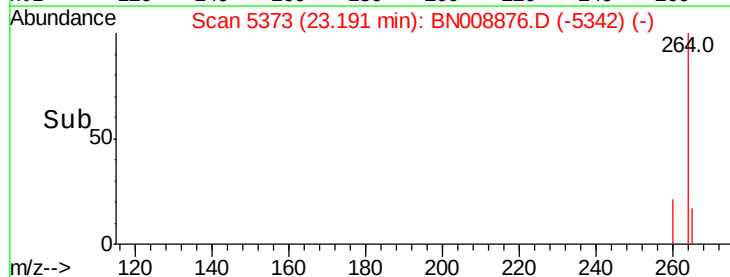
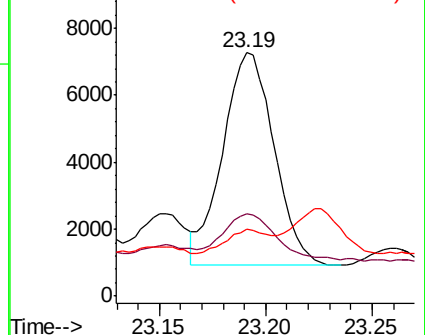
125 27.6 14.6 22.0#

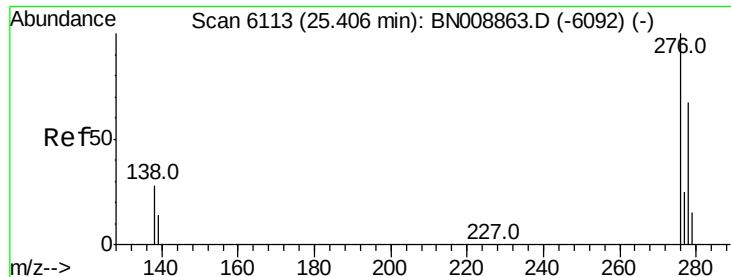


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



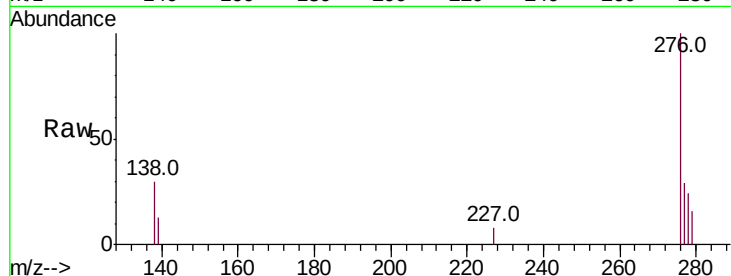


#24

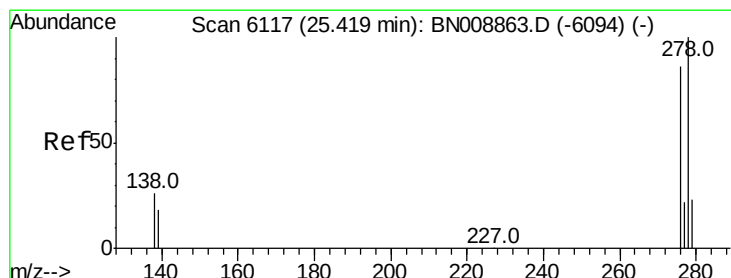
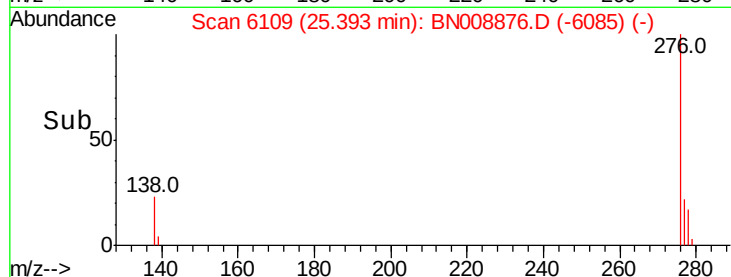
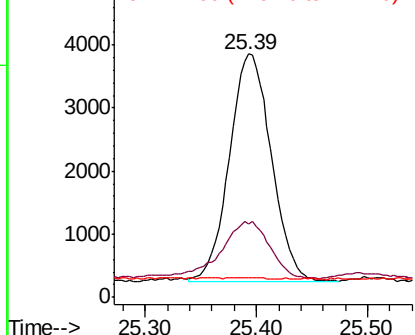
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.02 min
Lab File: BN008876.D
Acq: 07 Dec 2019 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 9373
Ion Ratio Lower Upper
276 100
138 29.6 23.8 35.6
227 0.4 0.2 0.2#



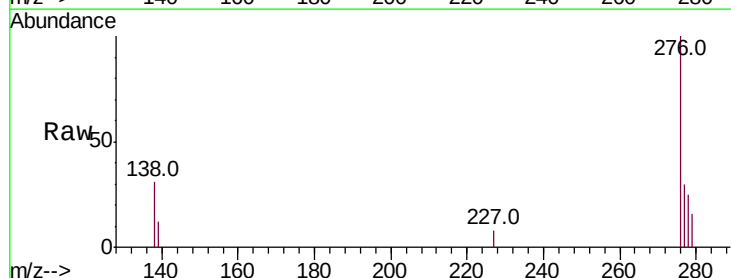
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



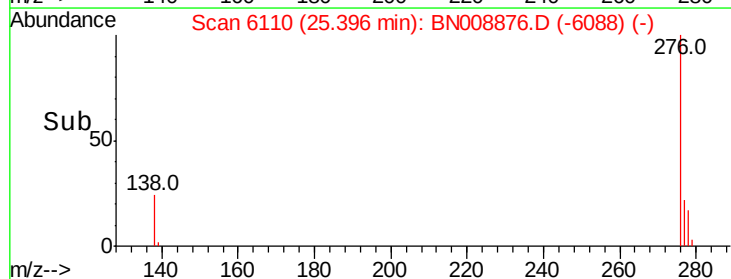
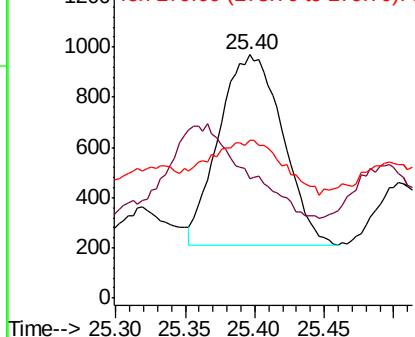
#25

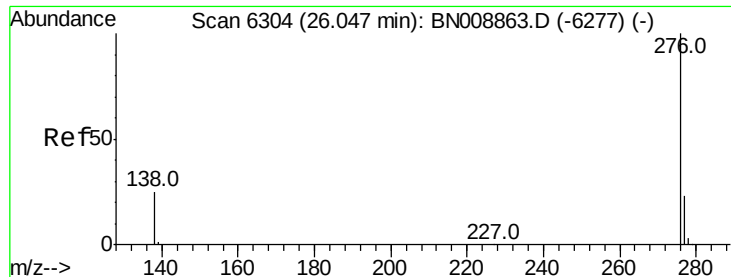
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.40 min Scan# 6110
Delta R.T. -0.03 min
Lab File: BN008876.D
Acq: 07 Dec 2019 00:59

Tgt Ion:278 Resp: 2421
Ion Ratio Lower Upper
278 100
139 49.2 17.4 26.0#
279 65.1 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(a,h,i)perylene

Concen: 0.323 ng/ul

RT: 26.04 min Scan# 6301

Delta R.T. -0.02 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

ClientSampleId :

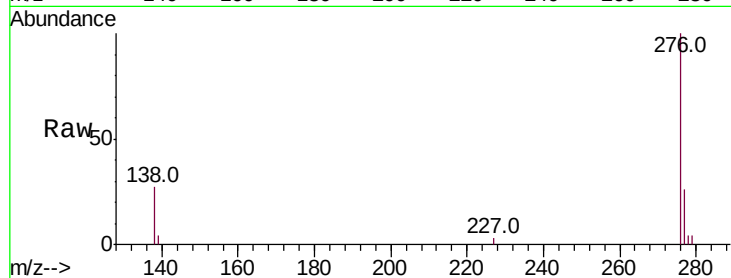
Tot Ion:276 Resp: 26260

Ion Ratio Lower Upper

276 100

138 27.1 21.9 32.9

277 25.5 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

