

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008932.D
 Acq On : 12 Dec 2019 00:07
 Operator : JU
 Sample : K6088-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 12 02:45:19 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

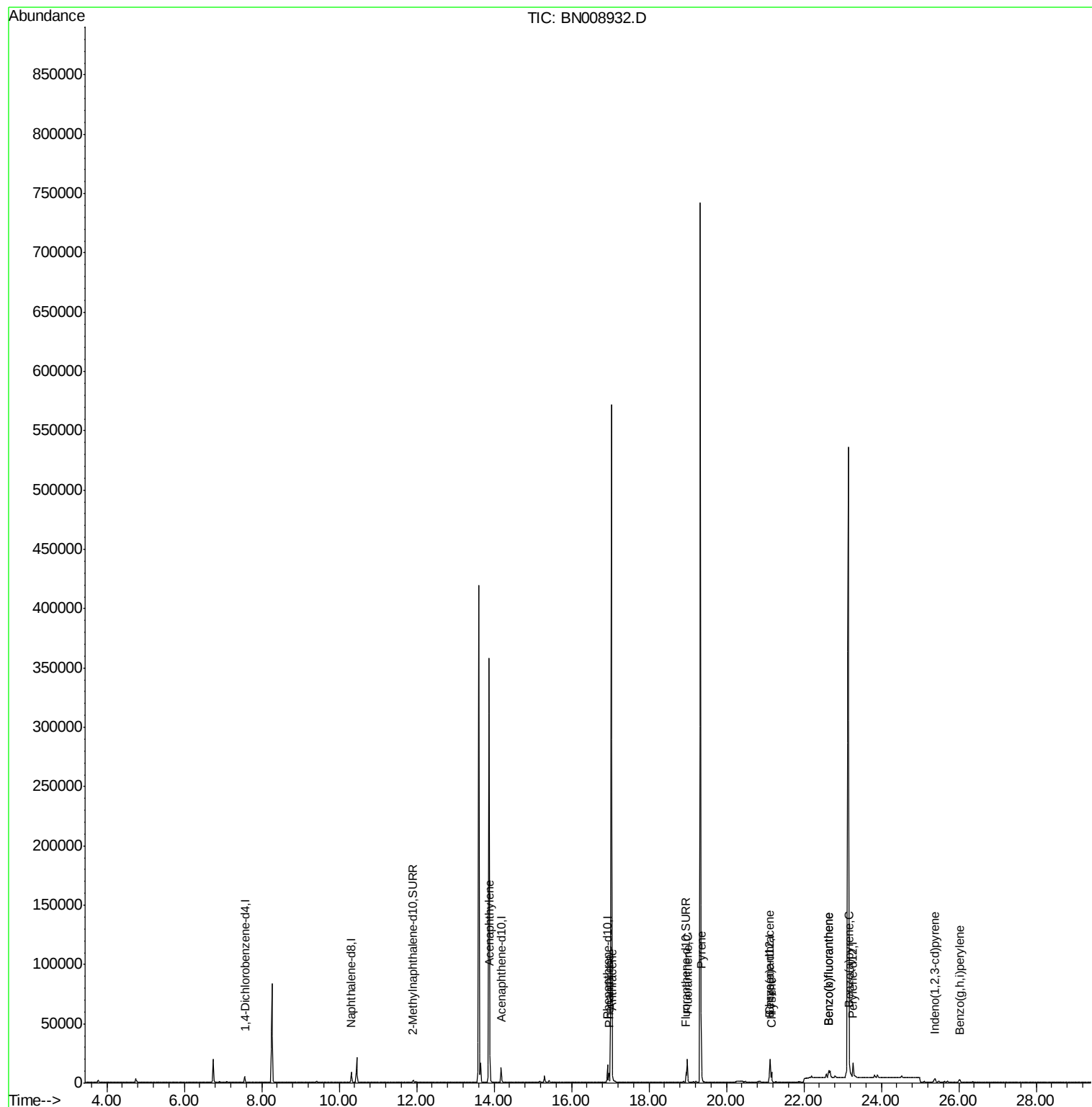
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2473	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10758	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6974	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16292	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14542	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14906	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2650	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8974	0.18	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.90	152	1245	0.032	ng/ul#	84
12) Phenanthrene	16.97	178	8454	0.154	ng/ul	99
13) Anthracene	17.06	178	1091	0.021	ng/ul#	82
15) Fluoranthene	19.00	202	16450	0.244	ng/ul	100
17) Pyrene	19.36	202	15136	0.259	ng/ul	99
18) Benzo(a)anthracene	21.11	228	7217	0.123	ng/ul	95
19) Chrysene	21.17	228	7995	0.139	ng/ul	95
21) Benzo(b)fluoranthene	22.64	252	13522	0.220	ng/ul	84
22) Benzo(k)fluoranthene	22.64	252	13522	0.222	ng/ul#	85
23) Benzo(a)pyrene	23.18	252	6529	0.113	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.38	276	4237	0.063	ng/ul#	98
26) Benzo(g,h,i)perylene	26.02	276	3892	0.069	ng/ul	92

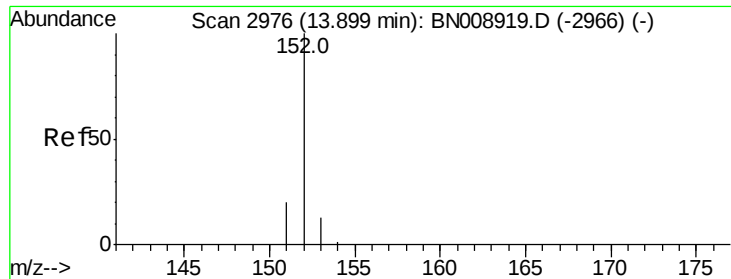
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.032 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

ClientSampleId :

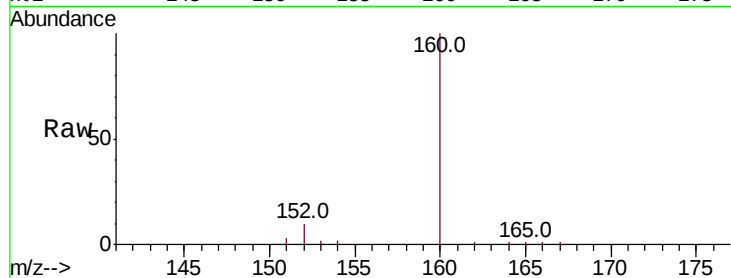
Tot Ion:152 Resp: 1245

Ion Ratio Lower Upper

152 100

151 26.0 15.8 23.6#

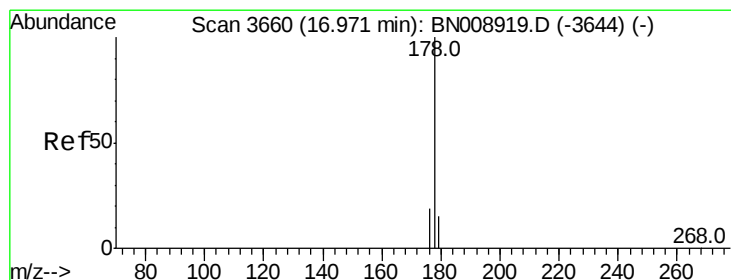
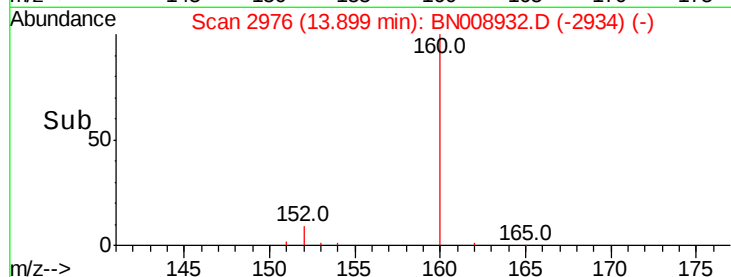
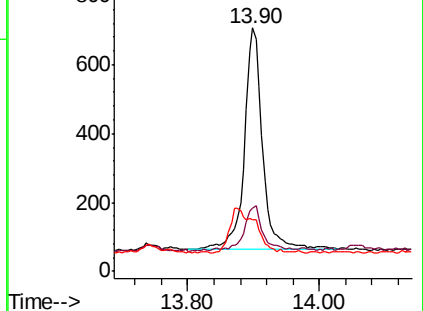
153 21.1 10.6 15.8#



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: 0.154 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

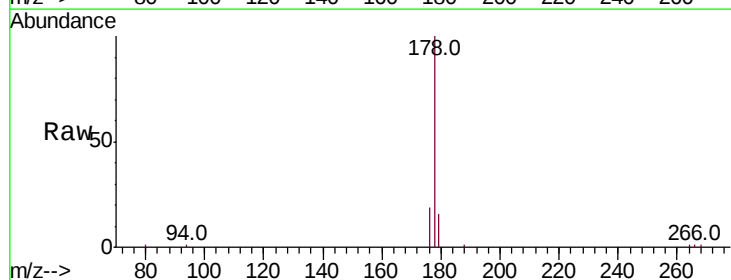
Tgt Ion:178 Resp: 8454

Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

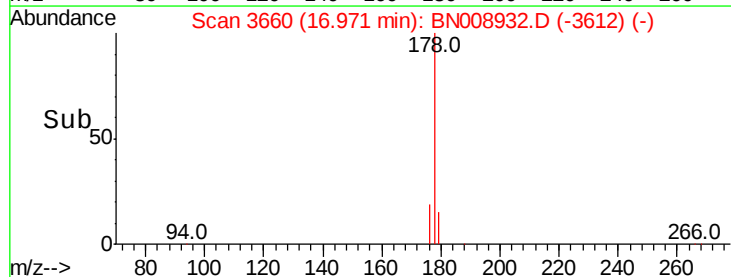
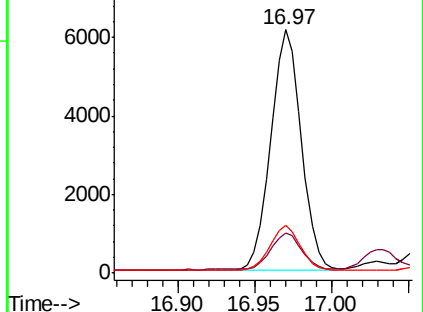
176 19.5 15.3 22.9

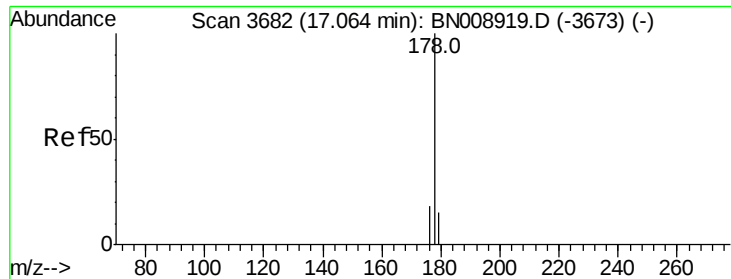


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.021 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

ClientSampleId :

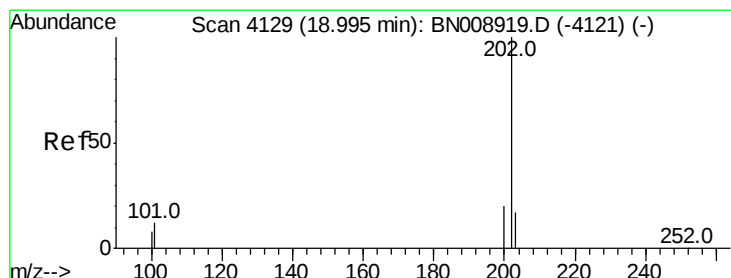
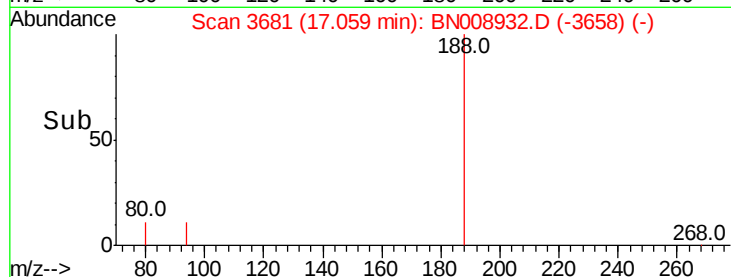
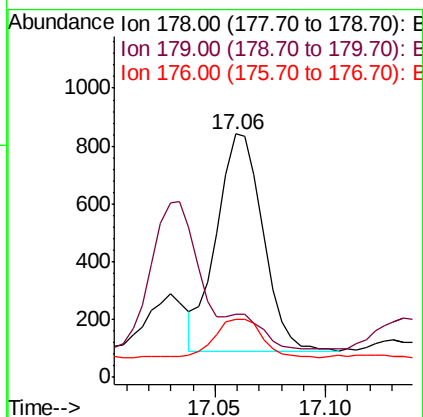
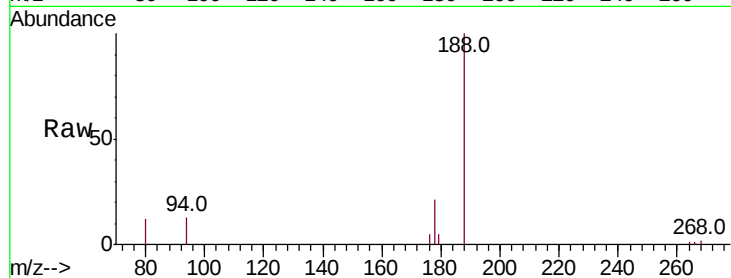
Tot Ion:178 Resp: 1091

Ion Ratio Lower Upper

178 100

179 26.0 12.2 18.4#

176 23.8 14.7 22.1#



#15

Fluoranthene

Concen: 0.244 ng/ul

RT: 19.00 min Scan# 4129

Delta R.T. 0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

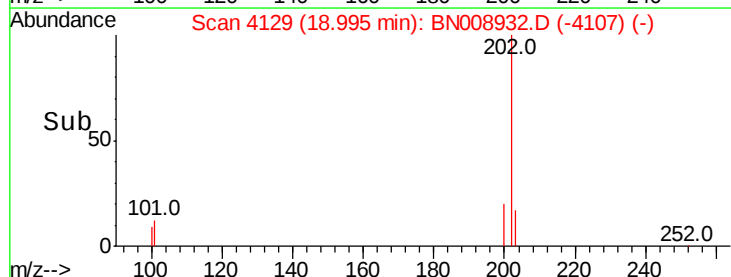
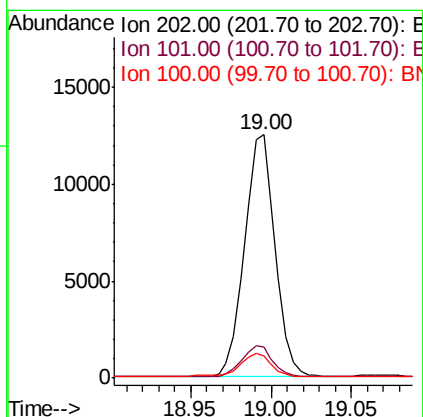
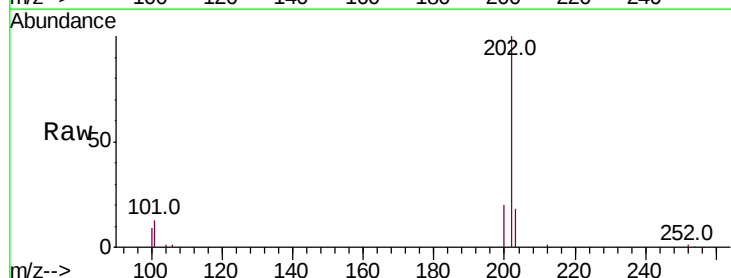
Tgt Ion:202 Resp: 16450

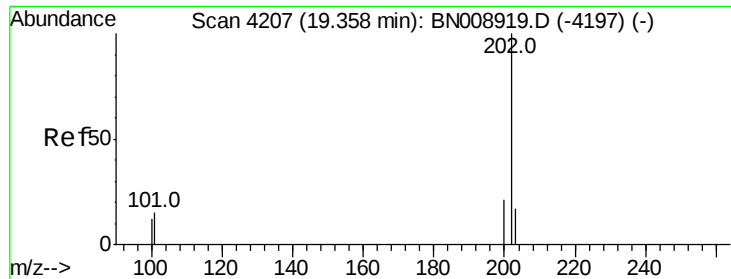
Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.4

100 9.3 0.0 29.2





#17

Pvrene

Concen: 0.259 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

ClientSampleId :

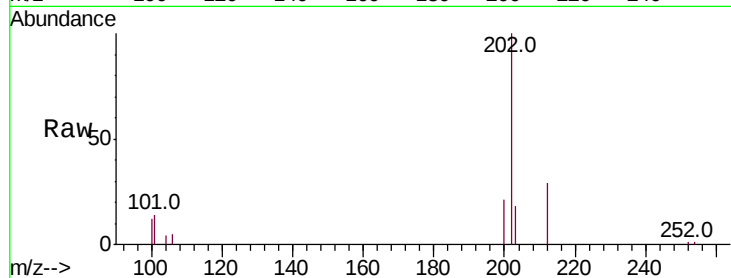
Tot Ion:202 Resp: 15136

Ion Ratio Lower Upper

202 100

101 14.5 12.2 18.4

100 11.9 9.5 14.3

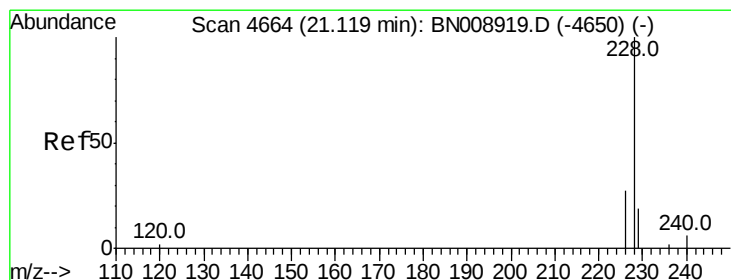
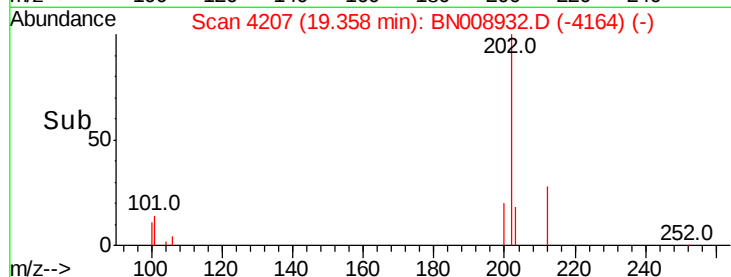
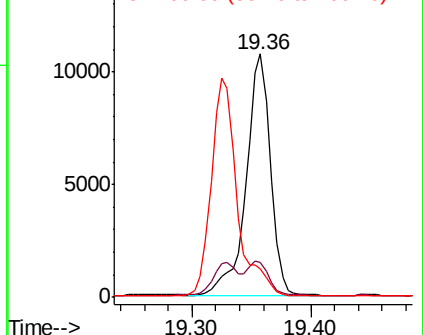


Abundance

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: 0.123 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. -0.01 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

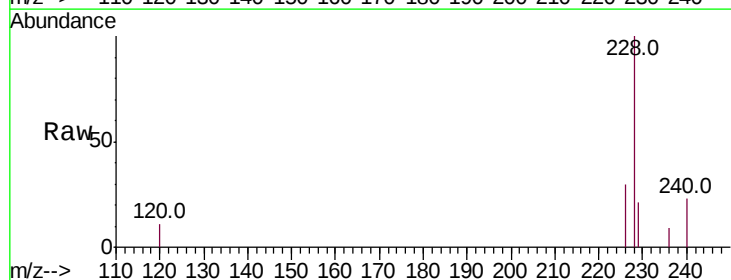
Tgt Ion:228 Resp: 7217

Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

226 30.0 21.5 32.3

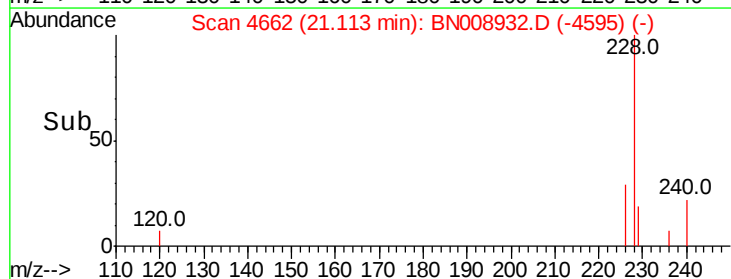
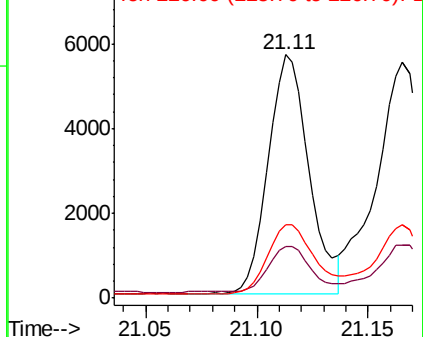


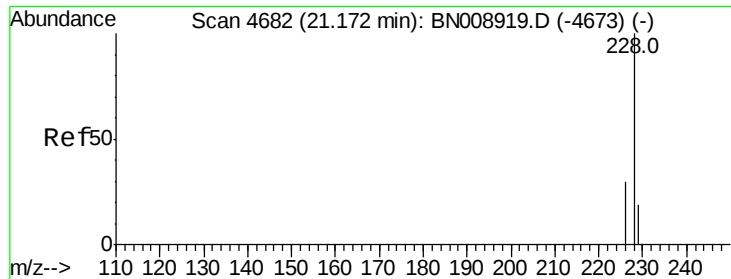
Abundance

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: 0.139 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

ClientSampled :

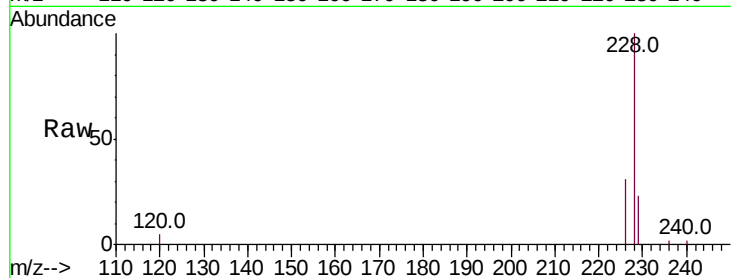
Tot Ion:228 Resp: 7995

Ion Ratio Lower Upper

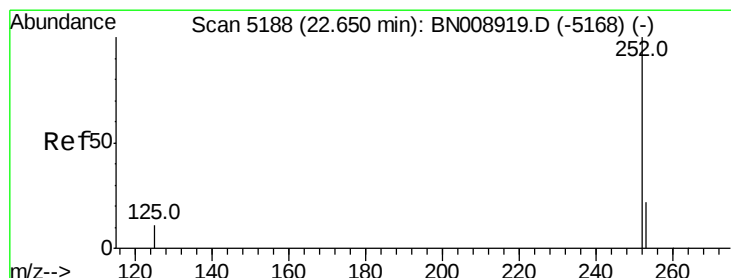
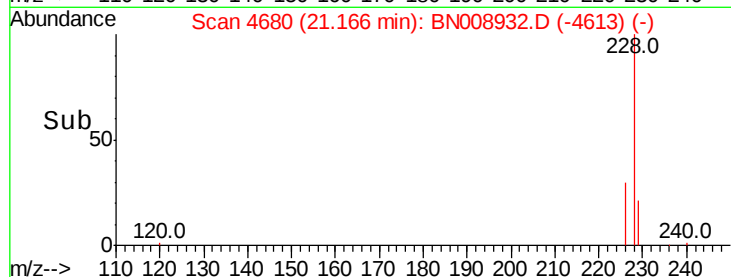
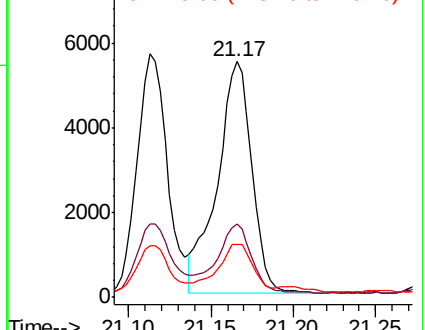
228 100

226 31.3 23.8 35.6

229 22.7 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: 0.220 ng/ul

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

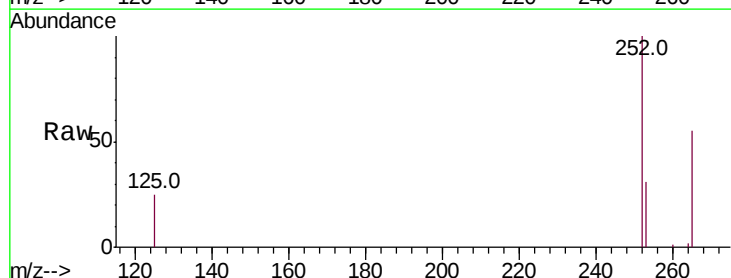
Tgt Ion:252 Resp: 13522

Ion Ratio Lower Upper

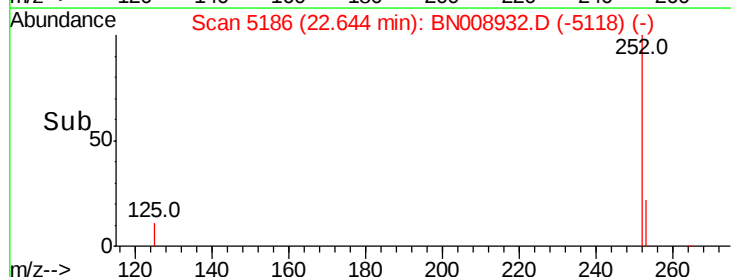
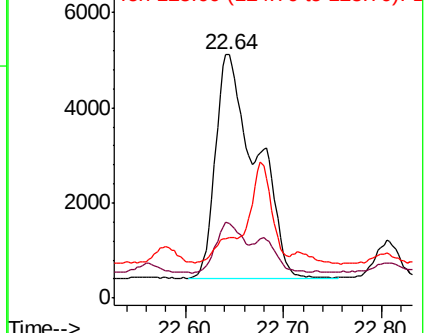
252 100

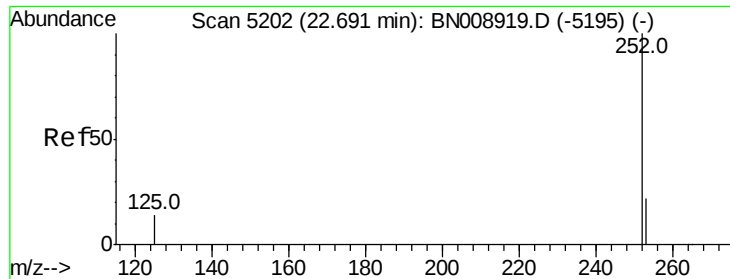
253 30.8 0.0 48.6

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: 0.222 ng/ul

RT: 22.64 min Scan# 5186

Delta R.T. -0.04 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

ClientSampleId :

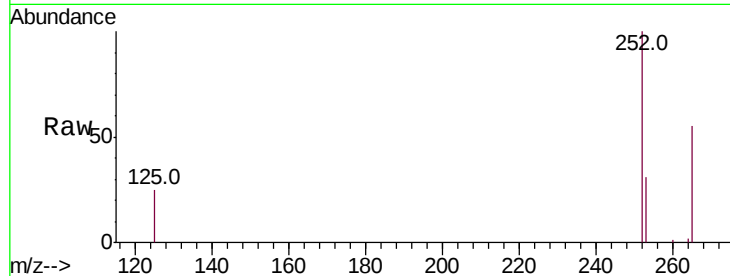
Tot Ion:252 Resp: 13522

Ion Ratio Lower Upper

252 100

253 30.8 19.6 29.4#

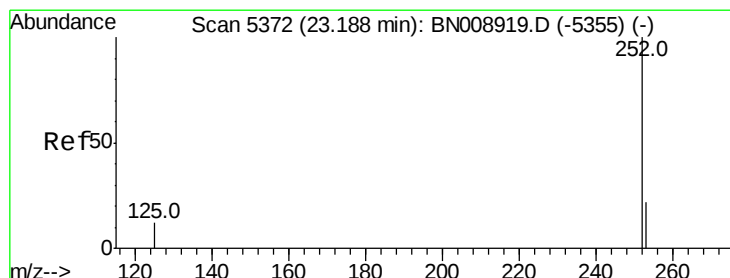
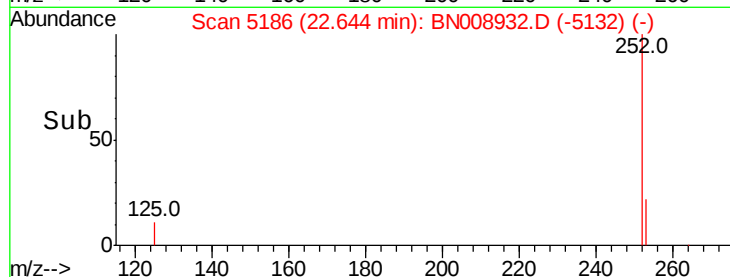
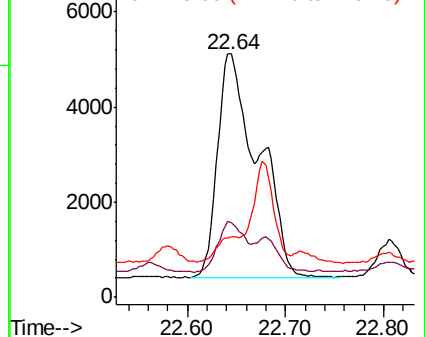
125 25.0 13.8 20.6#



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: 0.113 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

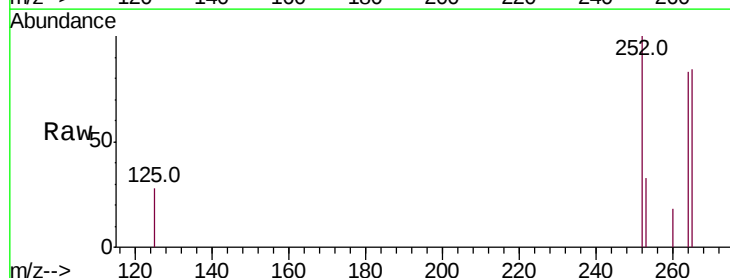
Tgt Ion:252 Resp: 6529

Ion Ratio Lower Upper

252 100

253 32.6 19.9 29.9#

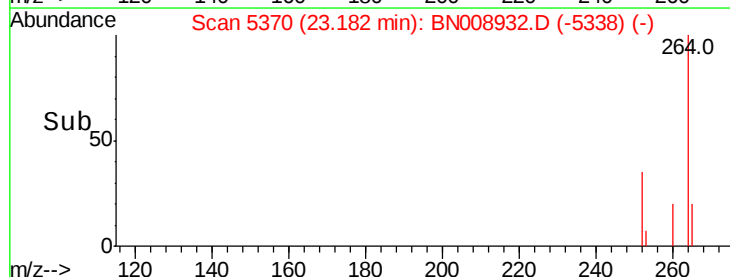
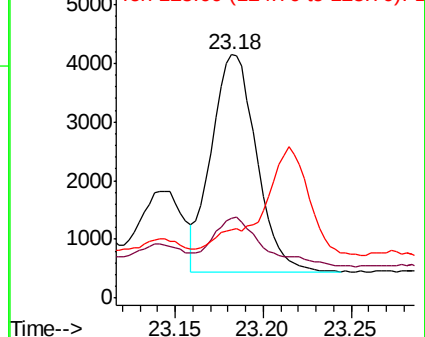
125 27.8 14.6 22.0#

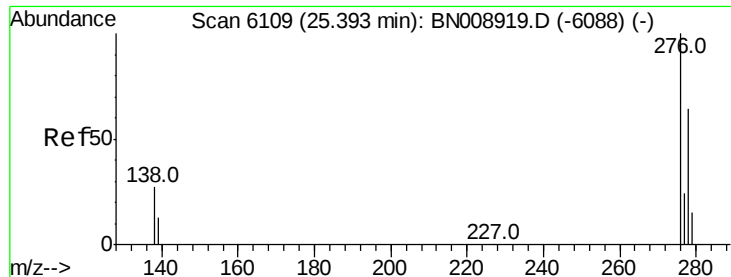


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



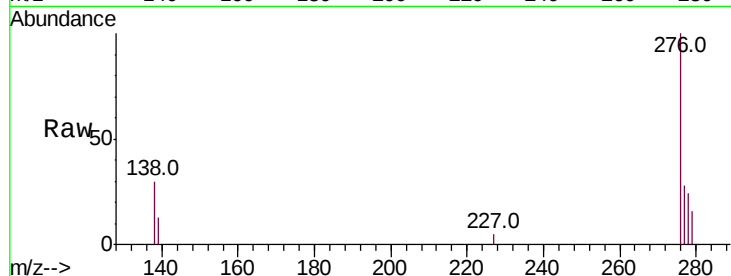


#24

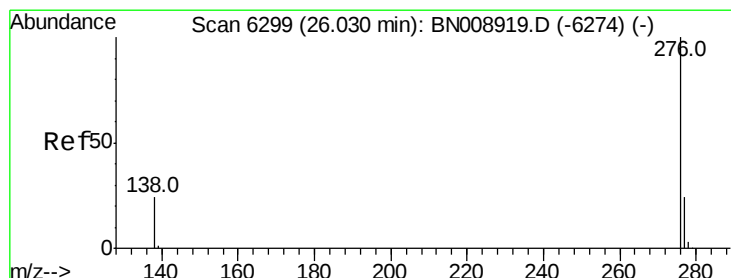
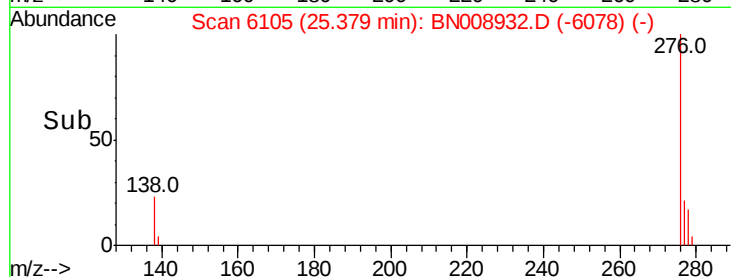
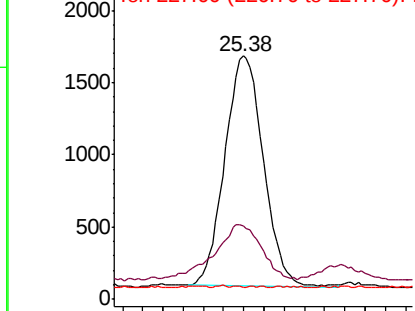
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/u1
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008932.D
Acq: 12 Dec 2019 00:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 4237
Ion Ratio Lower Upper
276 100
138 28.4 23.8 35.6
227 0.1 0.2 0.2#



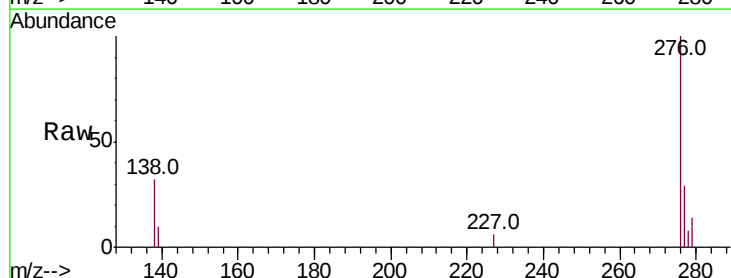
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.069 ng/u1
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008932.D
Acq: 12 Dec 2019 00:07

Tgt Ion:276 Resp: 3892
Ion Ratio Lower Upper
276 100
138 31.7 21.9 32.9
277 29.1 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

