

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009672.D
 Acq On : 08 Feb 2020 07:10
 Operator : CG/JU
 Sample : L1401-16
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 10 02:42:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	160161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	674770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	413788	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	839778	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	785358	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	791820	20.00	ng/ul	-0.02

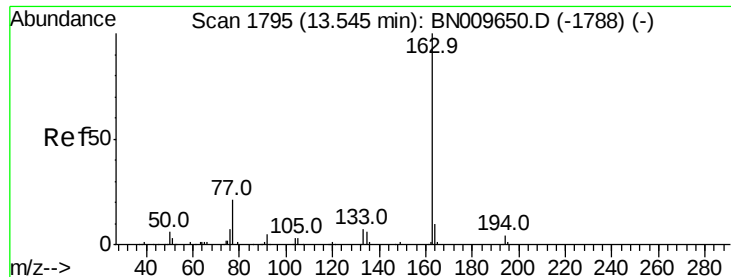
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	12824	3.29	ng/uL	0.00
5) Phenol-d5	6.63	99	266604	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	182969	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	208079	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	210848	18.95	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	100197	19.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	112631	20.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	204464	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	255096	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	623790	20.65	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	767381	21.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	84626	14.83	ng/ul	0.00
57) Fluorene-d10	15.07	176	547068	20.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	79699	15.20	ng/ul	0.00
70) Anthracene-d10	16.92	188	782835	20.52	ng/ul	0.00
78) Pyrene-d10	19.23	212	901210	21.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	841499	21.58	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.54	163	61121	1.907	ng/ul 98
69) Phenanthrene	16.86	178	260249	5.434	ng/ul 98
71) Anthracene	16.96	178	65266	1.343	ng/ul 99
76) Fluoranthene	18.89	202	527999	9.660	ng/ul 99
79) Pyrene	19.26	202	471909	8.231	ng/ul 99
82) Benzo(a)anthracene	21.02	228	284263	5.242	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	20.98	149	127201	3.675	ng/ul 98
84) Chrysene	21.07	228	255259	4.729	ng/ul 96
87) Benzo(b)fluoranthene	22.53	252	334375	6.750	ng/ul 94
88) Benzo(k)fluoranthene	22.53	252	334375	6.854	ng/ul 94
90) Benzo(a)pyrene	23.06	252	225800	4.919	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.21	276	141434	2.592	ng/ul 96
93) Benzo(g,h,i)perylene	25.84	276	126324	2.762	ng/ul 92

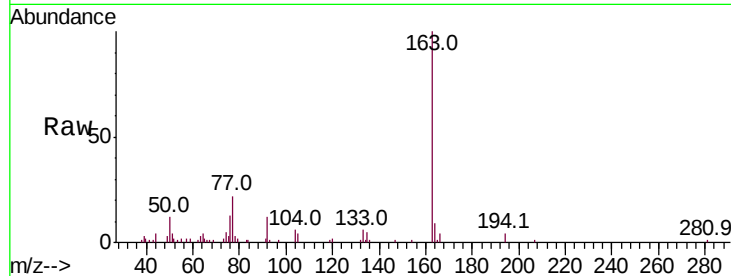
(#) = qualifier out of range (m) = manual integration (+) = signals summed



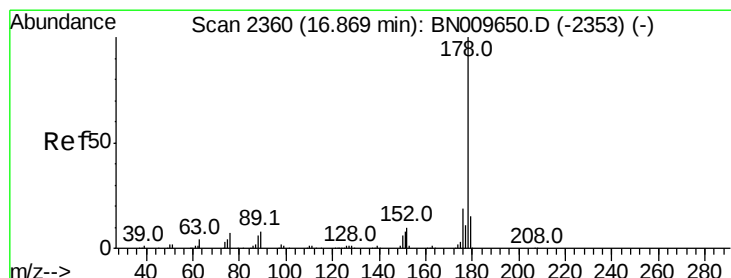
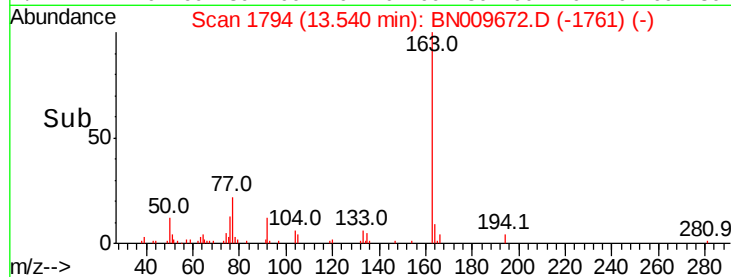
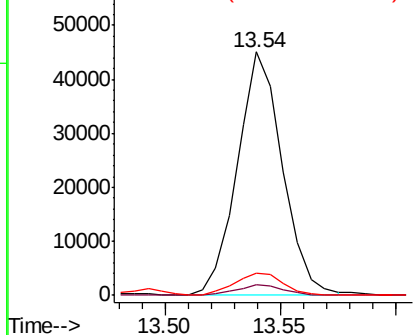
#44
Dimethylphthalate
Concen: 1.907 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN009672.D
Acq: 08 Feb 2020 07:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 61121
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.2 8.0 12.0

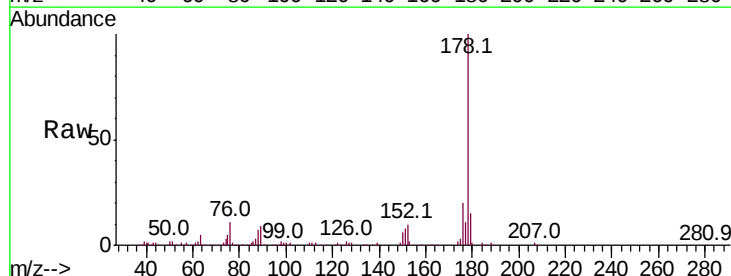


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

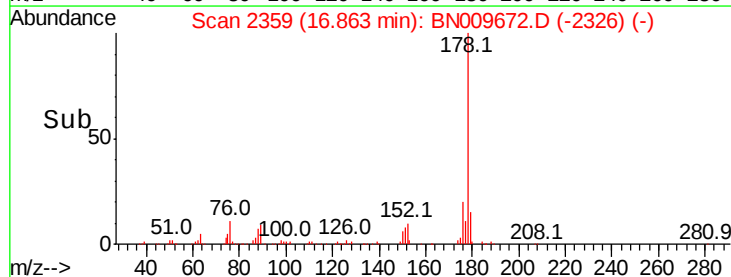
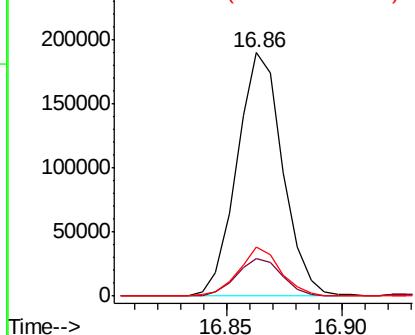


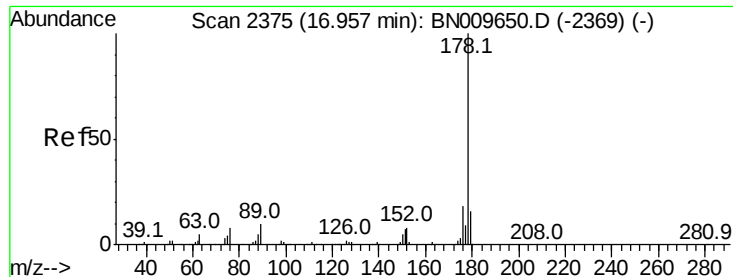
#69
Phenanthrene
Concen: 5.434 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009672.D
Acq: 08 Feb 2020 07:10

Tgt Ion:178 Resp: 260249
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.9 14.8 22.2



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

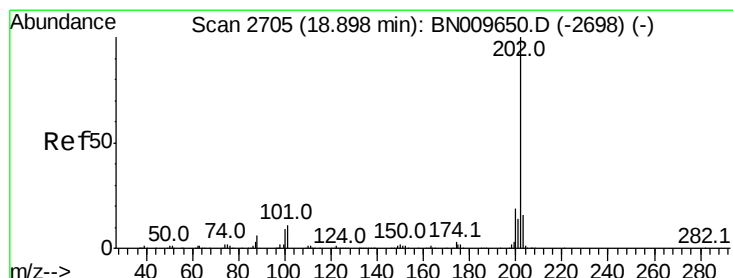
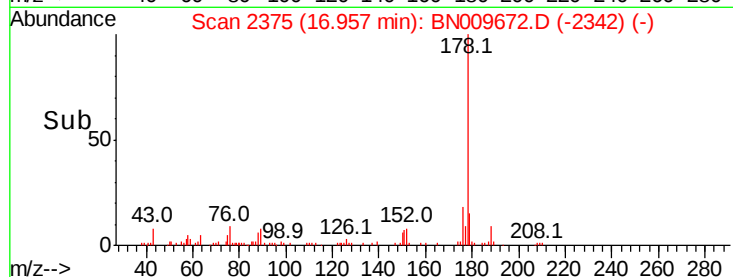
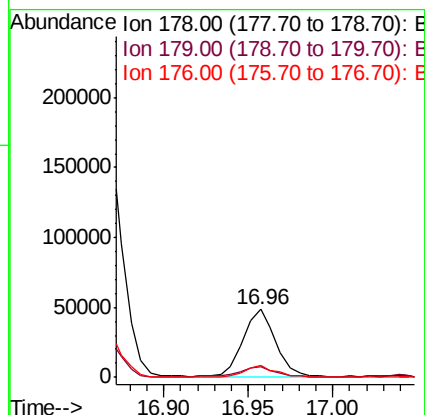
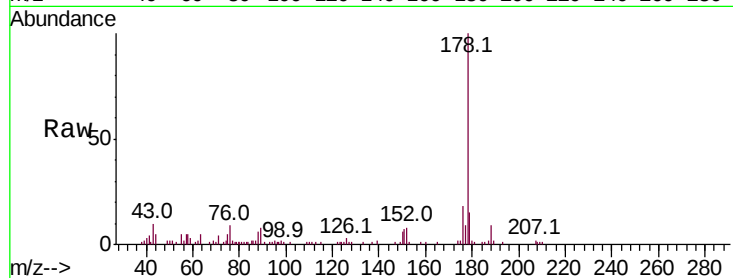




#71
 Anthracene
 Concen: 1.343 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009672.D
 Acq: 08 Feb 2020 07:10

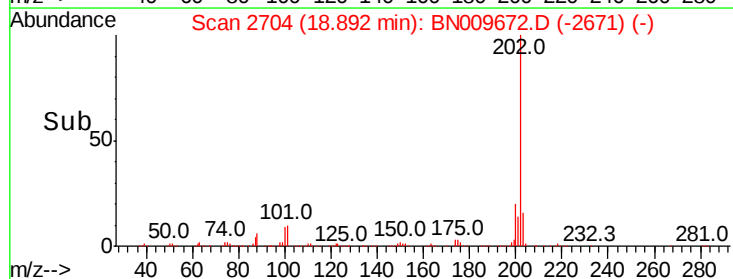
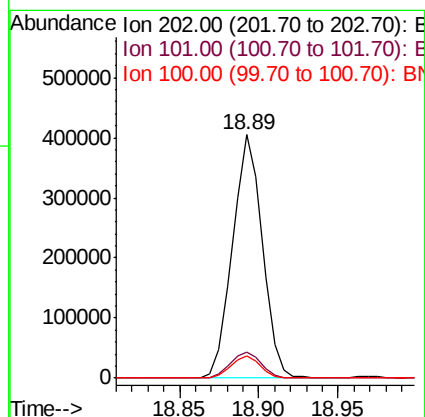
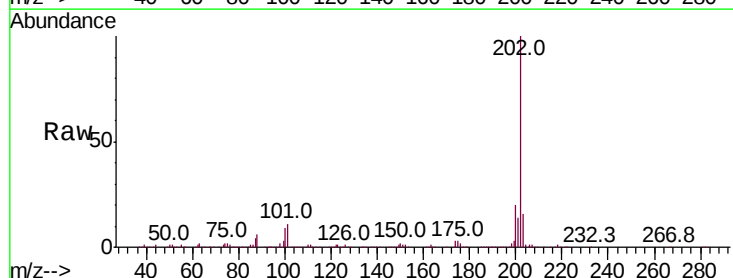
Instrument :
 BNA_N
 ClientSampleId :

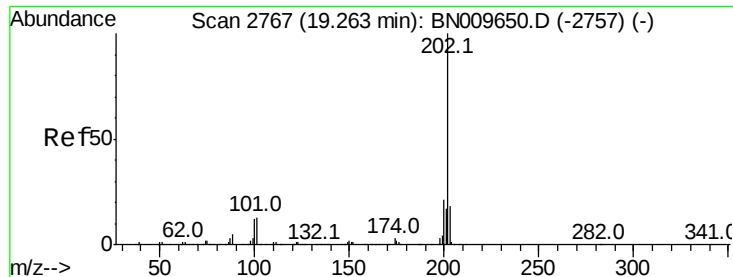
Tot Ion:178 Resp: 65266
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.1 18.1
 176 17.7 14.6 21.8



#76
 Fluoranthene
 Concen: 9.660 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN009672.D
 Acq: 08 Feb 2020 07:10

Tgt Ion:202 Resp: 527999
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.2 13.8
 100 8.9 6.9 10.3





#79

Pvrene

Concen: 8.231 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

Instrument :

BNA_N

ClientSampleId :

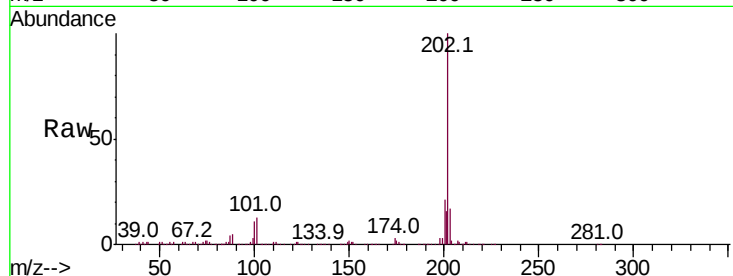
Tot Ion:202 Resp: 471909

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

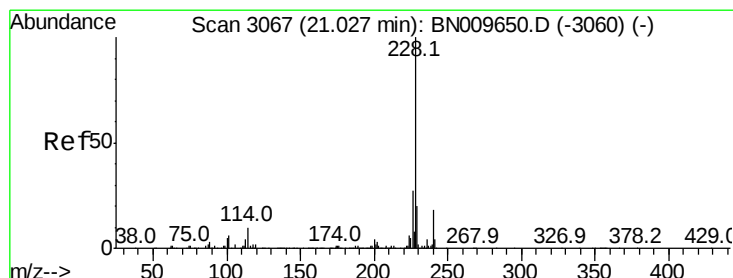
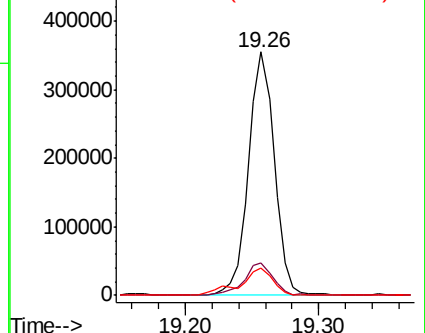
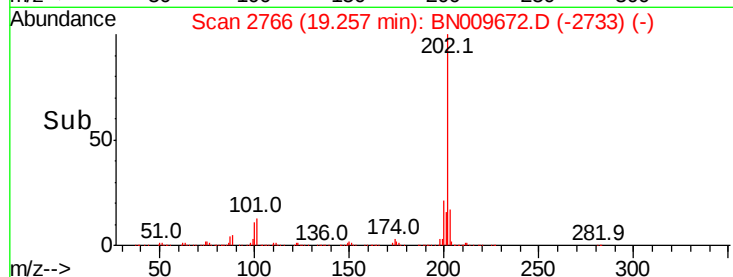
100 11.1 8.4 12.6



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



#82

Benzo(a)anthracene

Concen: 5.242 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

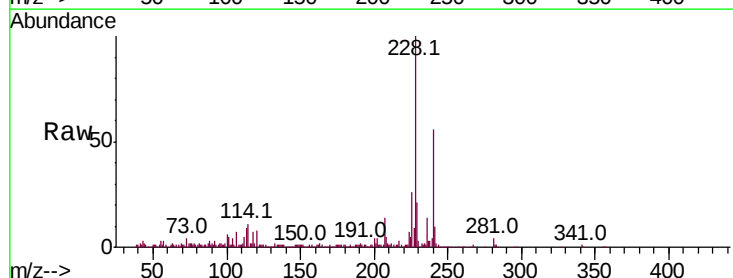
Tgt Ion:228 Resp: 284263

Ion Ratio Lower Upper

228 100

229 20.9 15.0 22.4

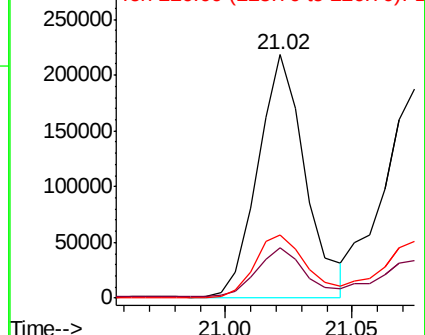
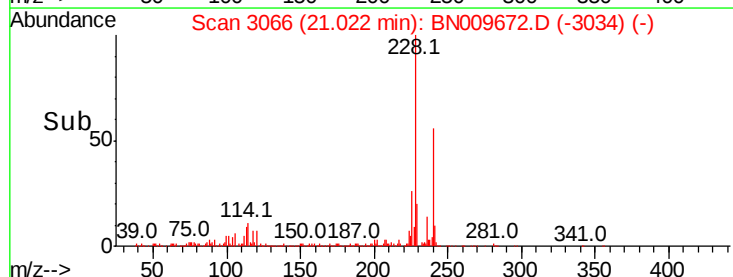
226 25.9 20.9 31.3

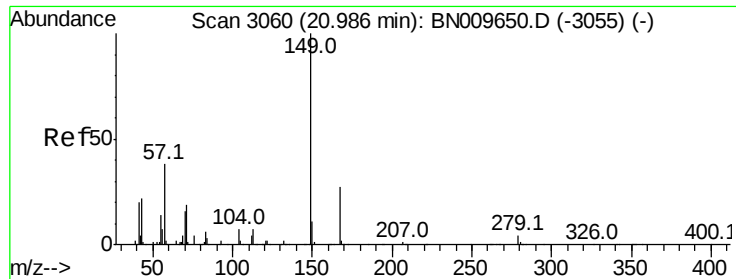


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.675 ng/ul

RT: 20.98 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

Instrument :

BNA_N

ClientSampleId :

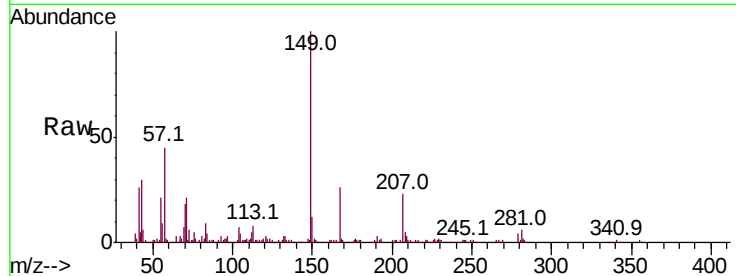
Tot Ion:149 Resp: 127201

Ion Ratio Lower Upper

149 100

167 26.2 22.1 33.1

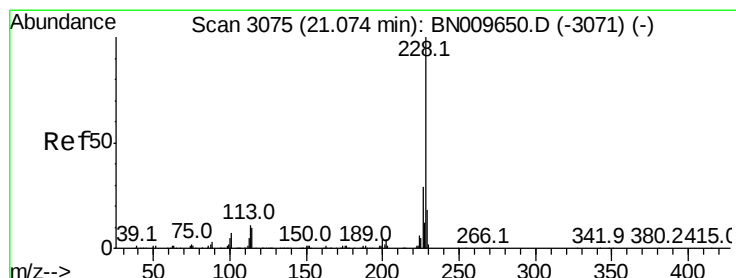
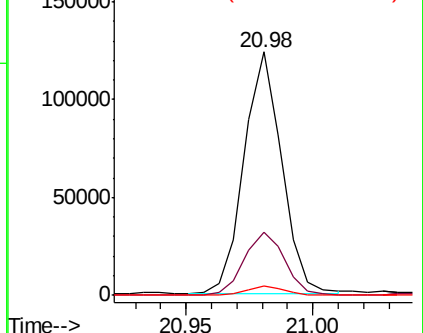
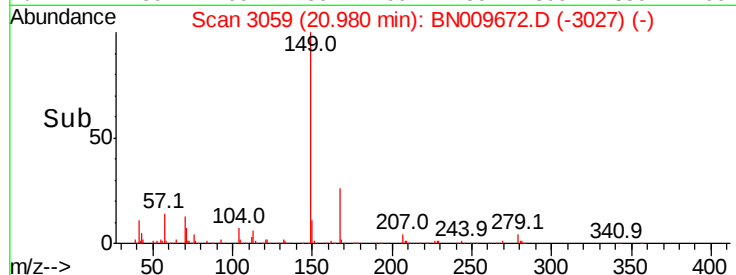
279 4.0 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 4.729 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

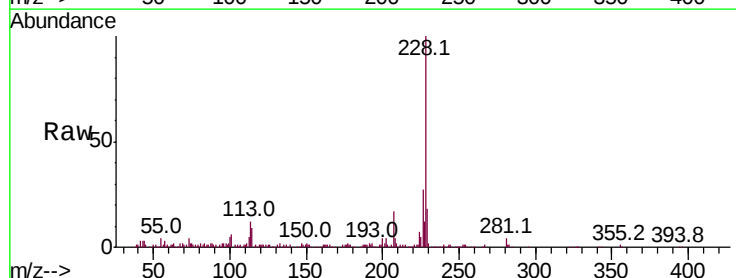
Tgt Ion:228 Resp: 255259

Ion Ratio Lower Upper

228 100

226 27.2 23.5 35.3

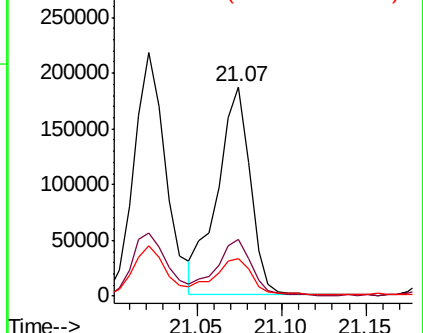
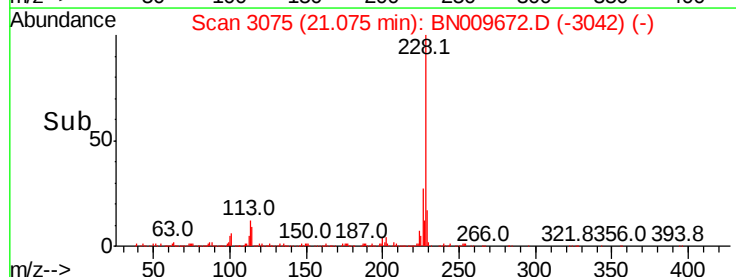
229 18.0 15.8 23.8

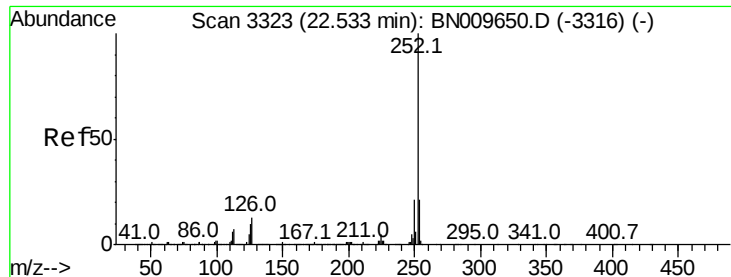


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 6.750 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

Instrument :

BNA_N

ClientSampleId :

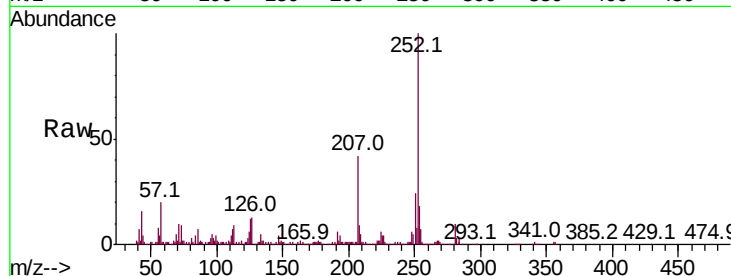
Tot Ion:252 Resp: 334375

Ion Ratio Lower Upper

252 100

253 18.0 17.0 25.6

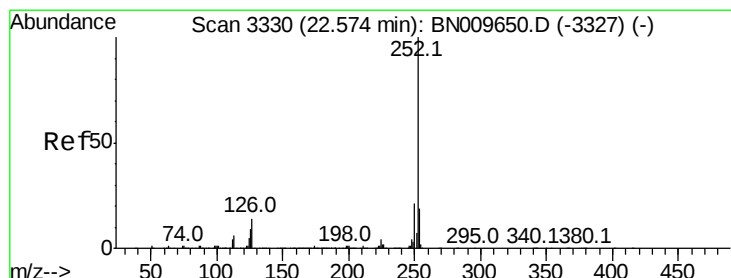
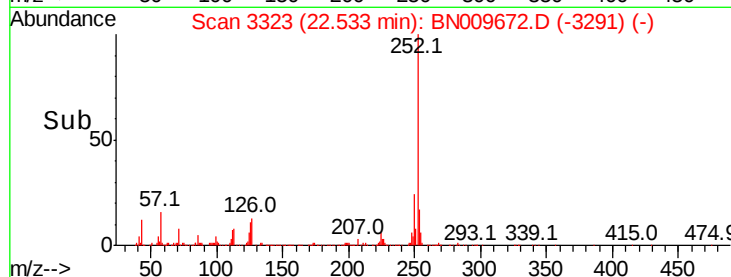
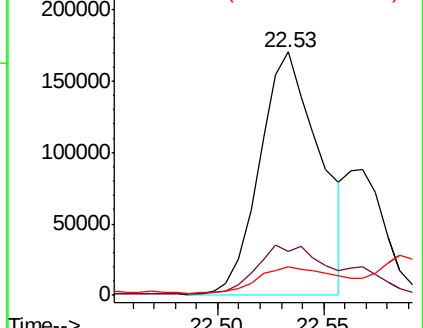
125 11.8 8.2 12.2



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



#88

Benzo(k)fluoranthene

Concen: 6.854 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.05 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

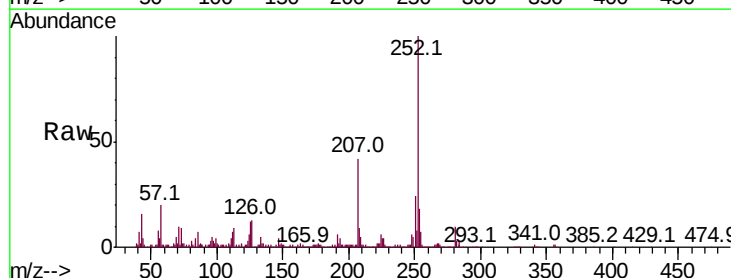
Tgt Ion:252 Resp: 334375

Ion Ratio Lower Upper

252 100

253 18.0 17.0 25.4

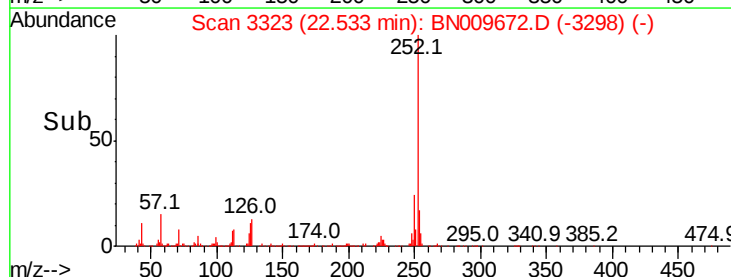
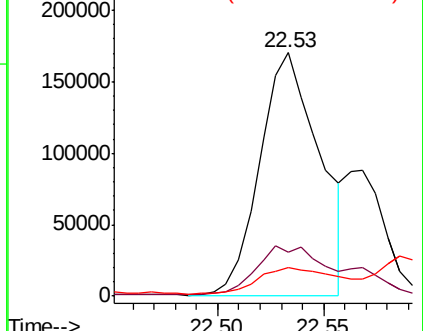
125 11.8 8.0 12.0

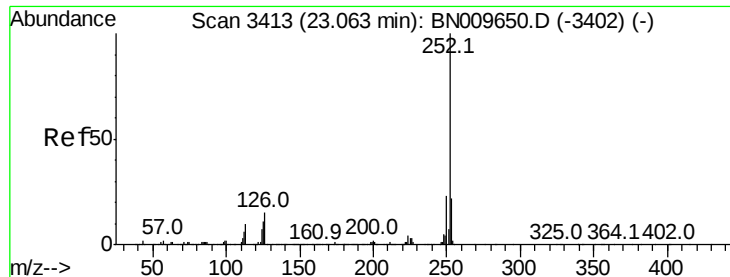


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.919 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.02 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

Instrument :

BNA_N

ClientSampleId :

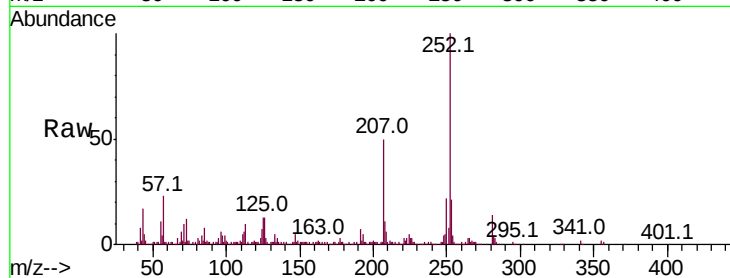
Tot Ion:252 Resp: 225800

Ion Ratio Lower Upper

252 100

253 20.8 15.8 23.8

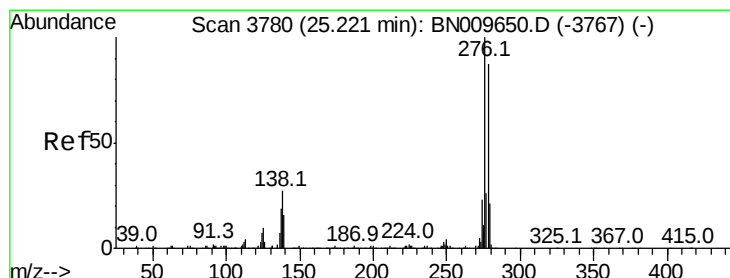
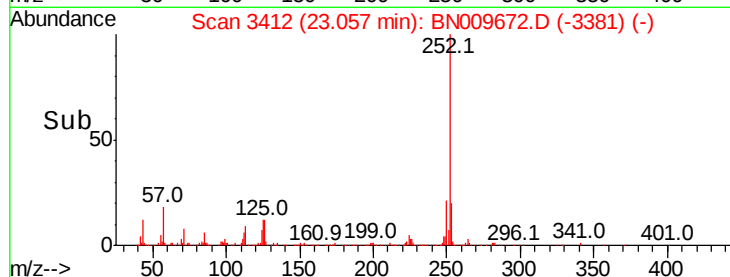
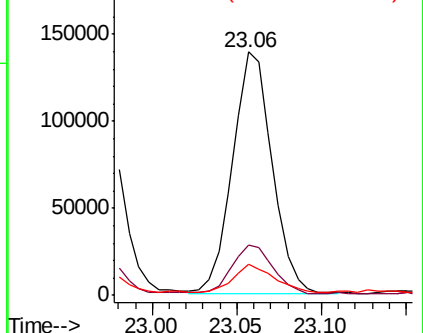
125 12.9 8.7 13.1



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.592 ng/ul

RT: 25.21 min Scan# 3778

Delta R.T. -0.02 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

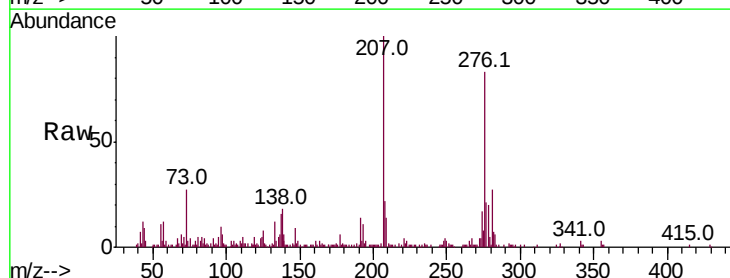
Tgt Ion:276 Resp: 141434

Ion Ratio Lower Upper

276 100

138 28.1 20.3 30.5

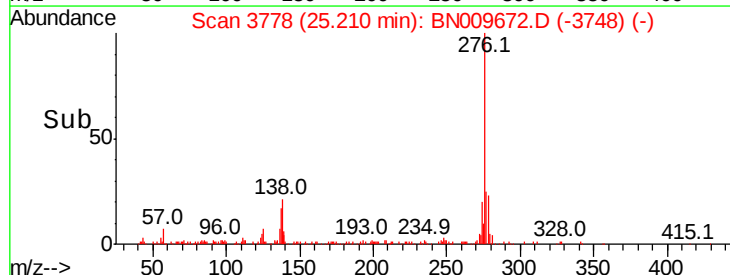
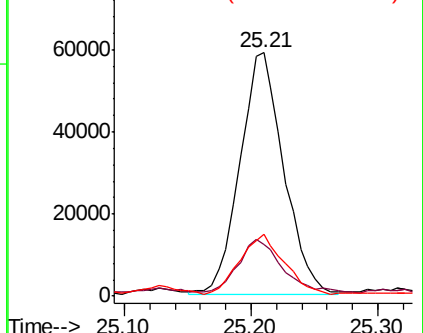
277 25.2 21.2 31.8

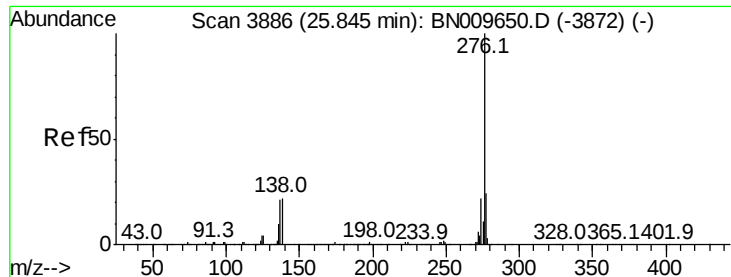


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.762 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BN009672.D

Acq: 08 Feb 2020 07:10

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 276 Resp: 126324

Ion Ratio Lower Upper

276 100

138 24.0 16.0 24.0

277 24.8 17.0 25.6

