

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
 Data File : BM020986.D
 Acq On : 17 Jun 2019 19:24
 Operator : HP/JU
 Sample : K3332-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 18 01:36:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 17 09:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	250304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1124582	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	735943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1736000	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1462028	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1524622	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	18965	3.60	ng/uL	0.00
5) Phenol-d5	6.96	99	457497	21.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	281205	21.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	380255	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	373086	20.51	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	194186	21.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	220575	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	445568	21.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	510528	23.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1650192	24.82	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1842010	22.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	173088	16.00	ng/ul	0.00
57) Fluorene-d10	15.43	176	1399144	24.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	160595	15.05	ng/ul	0.00
70) Anthracene-d10	17.27	188	2214014	24.54	ng/ul	0.00
78) Pyrene-d10	19.57	212	2448705	27.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2333373	25.94	ng/ul	0.00

Target Compounds

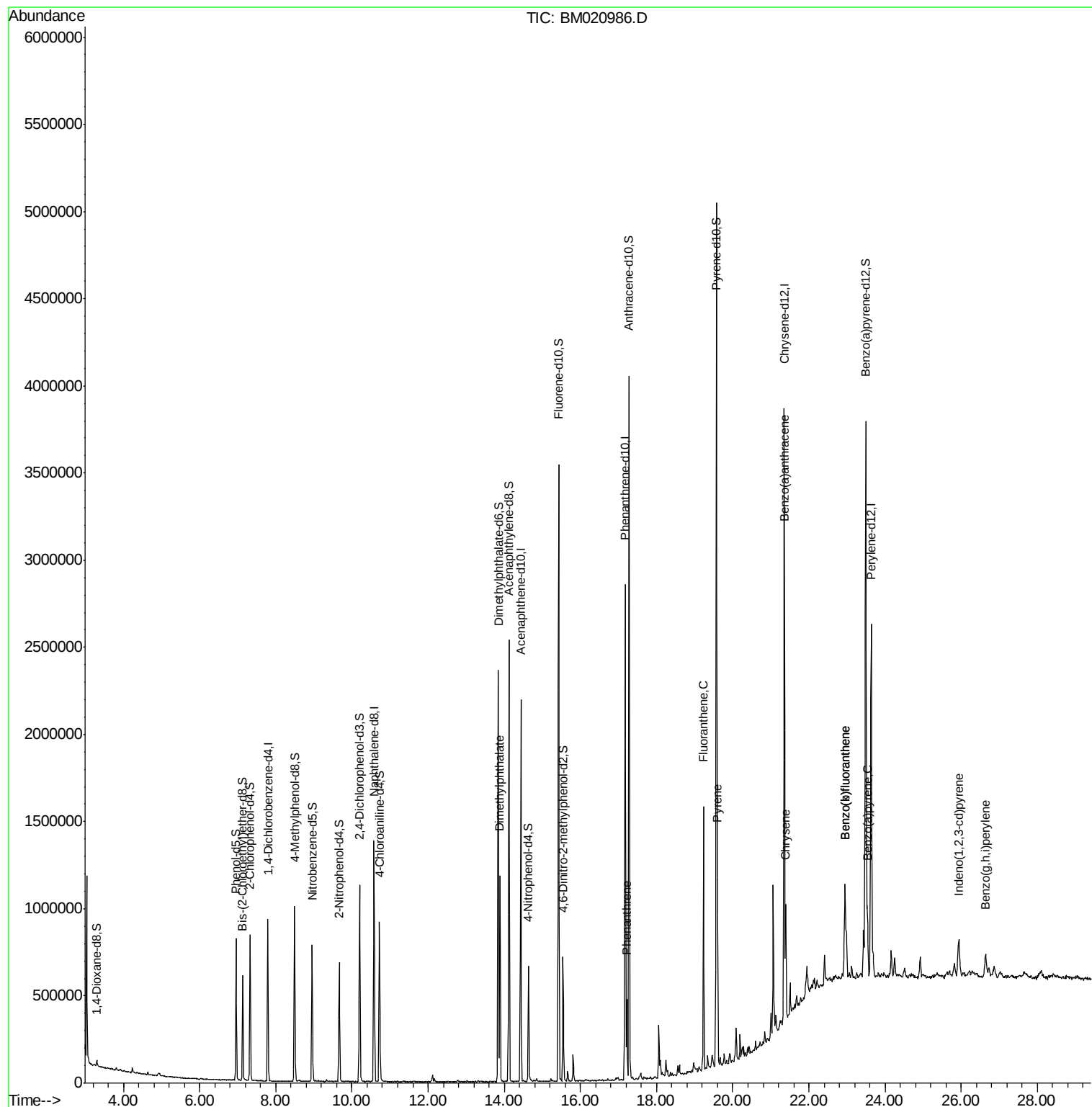
					Ovalue
44) Dimethylphthalate	13.89	163	782547	12.928	ng/ul 99
69) Phenanthrene	17.22	178	287236	2.992	ng/ul 99
76) Fluoranthene	19.23	202	872454	8.410	ng/ul 99
79) Pyrene	19.60	202	677597	6.556	ng/ul 99
82) Benzo(a)anthracene	21.34	228	307923	3.089	ng/ul 99
84) Chrysene	21.39	228	385676	4.131	ng/ul 98
87) Benzo(b)fluoranthene	22.95	252	474441	4.913	ng/ul 98
88) Benzo(k)fluoranthene	22.95	252	474441	5.106	ng/ul 98
90) Benzo(a)pyrene	23.53	252	276885	3.046	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.93	276	204772	1.913	ng/ul 95
93) Benzo(g,h,i)perylene	26.64	276	167949	1.905	ng/ul 98

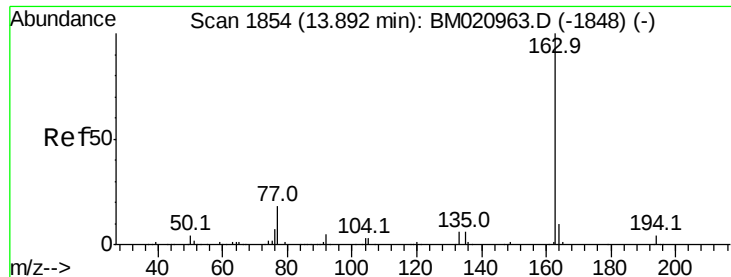
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 12.928 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Instrument :

BNA_M

ClientSampleId :

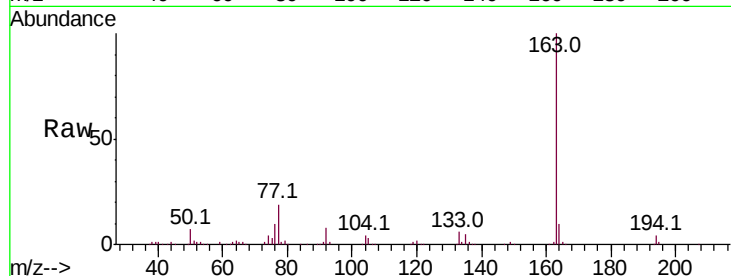
Tot Ion:163 Resp: 782547

Ion Ratio Lower Upper

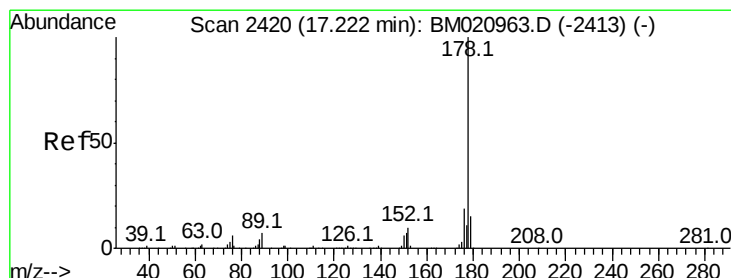
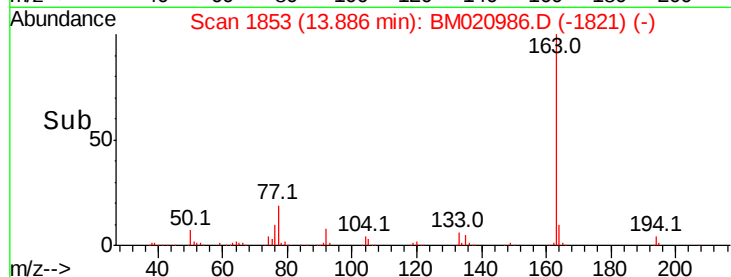
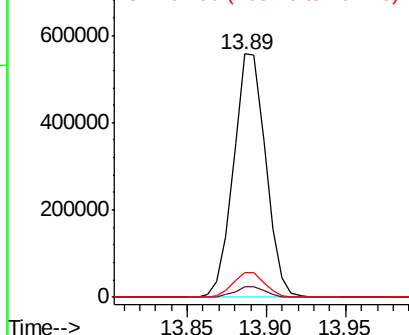
163 100

194 4.2 3.4 5.2

164 10.3 7.7 11.5



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: 2.992 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

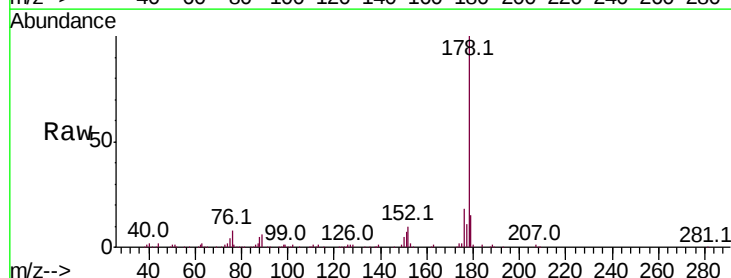
Tgt Ion:178 Resp: 287236

Ion Ratio Lower Upper

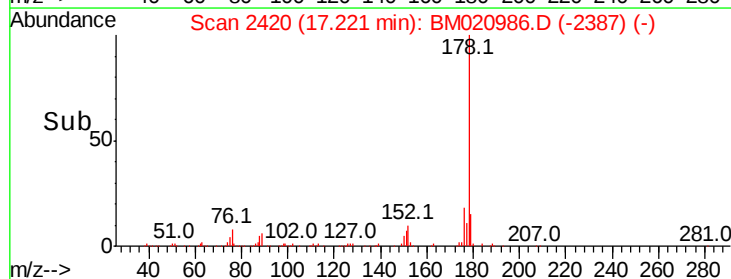
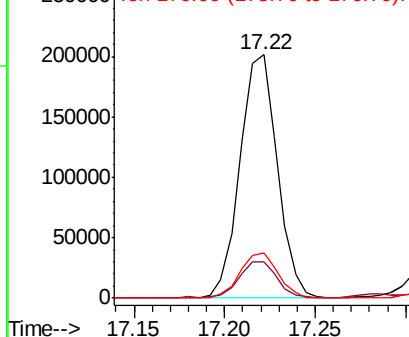
178 100

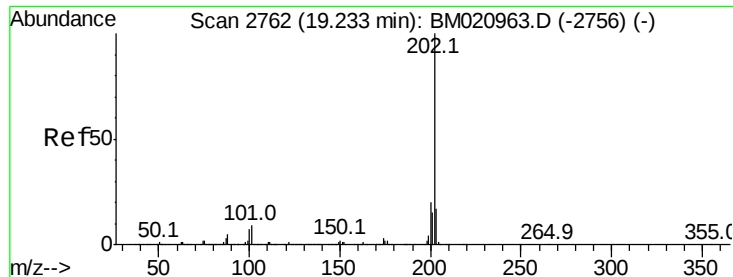
179 14.7 11.8 17.8

176 18.5 15.0 22.6



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

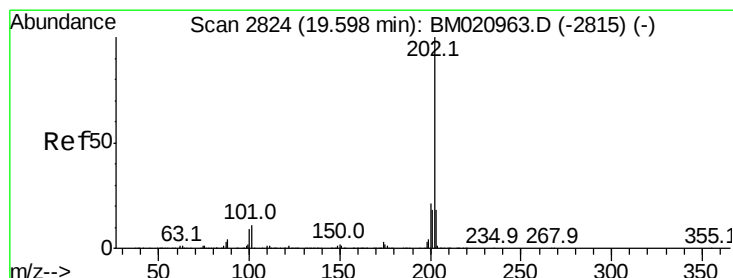
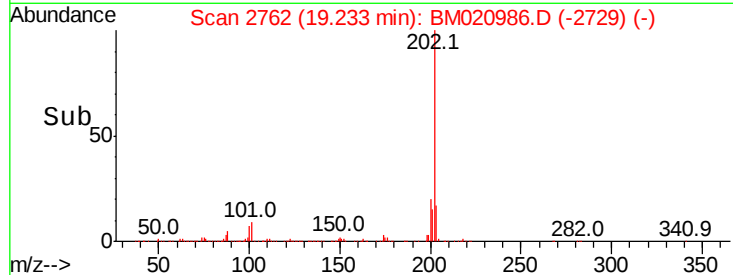
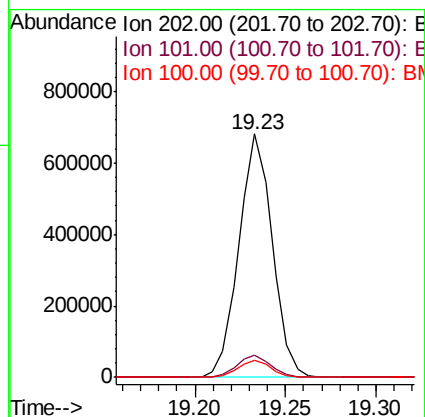
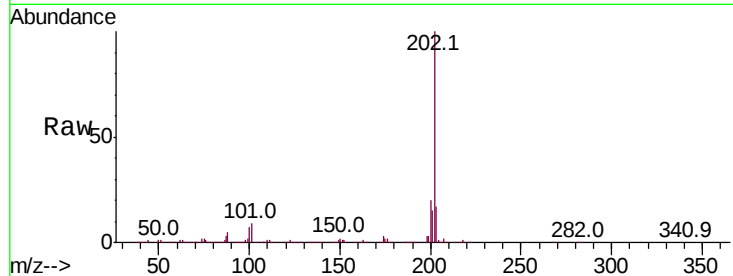




#76
Fluoranthene
Concen: 8.410 ng/ul
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

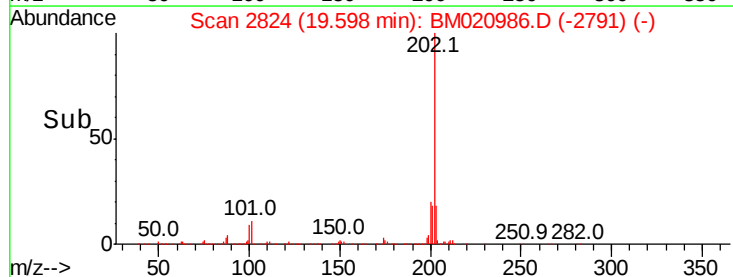
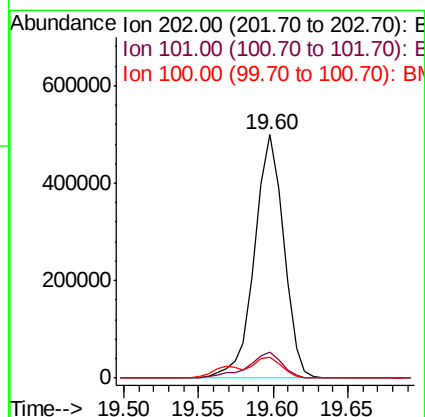
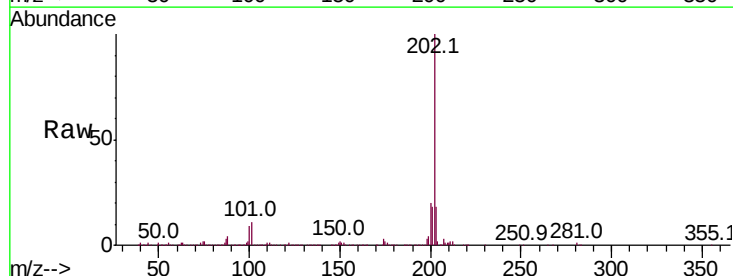
Instrument :
BNA_M
ClientSampleId :

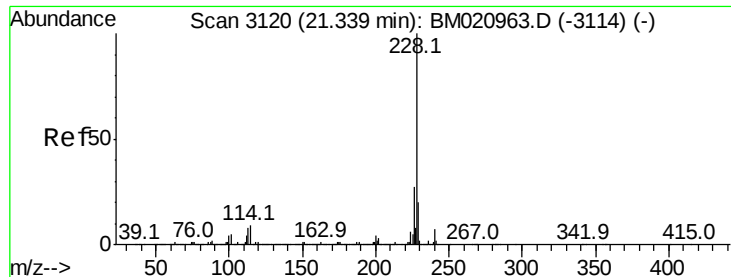
Tot Ion:	202	Resp:	872454
Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.7	10.1
100	7.0	5.5	8.3



#79
Pyrene
Concen: 6.556 ng/ul
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

Tgt Ion:	202	Resp:	677597
Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.1	12.1
100	8.7	6.6	10.0

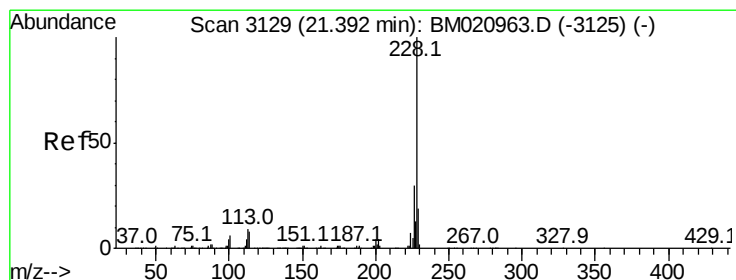
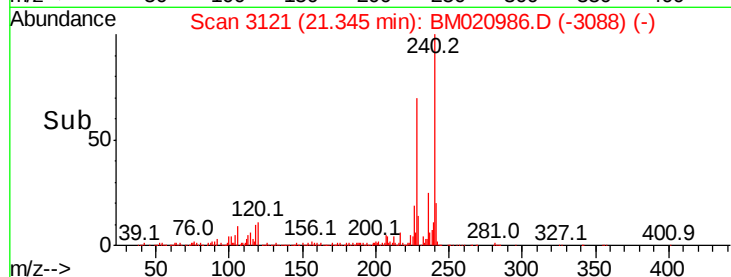
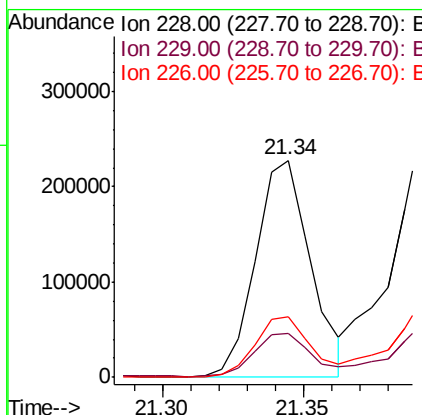
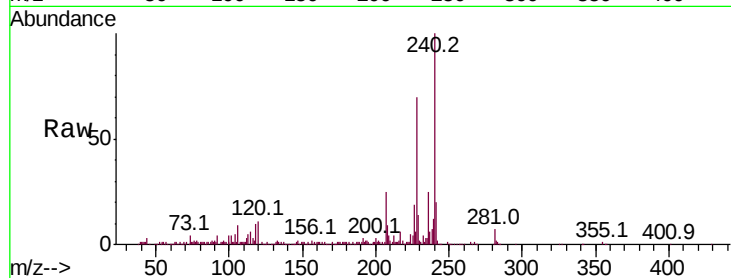




#82
Benzo(a)anthracene
Concen: 3.089 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

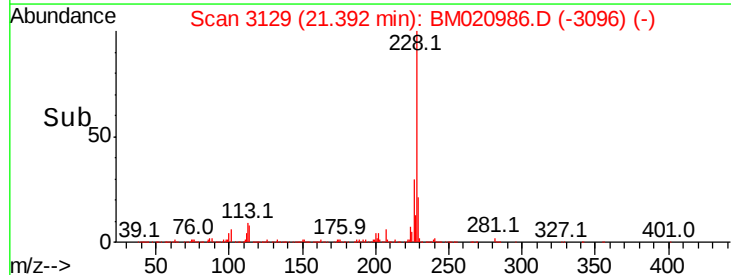
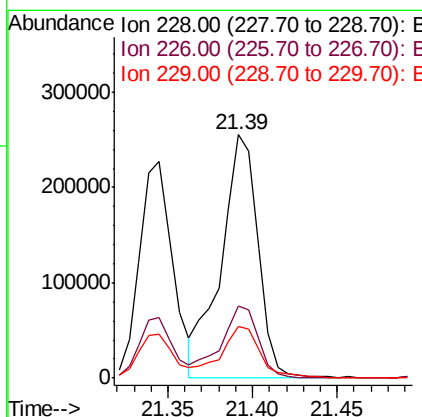
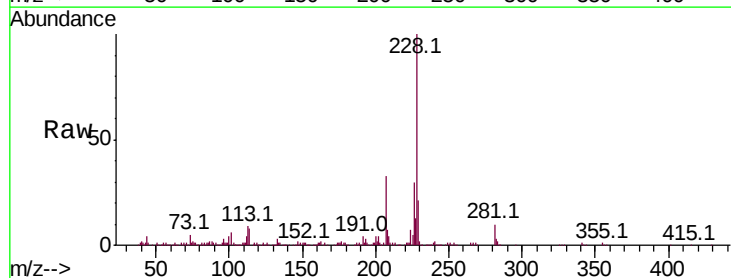
Instrument :
BNA_M
ClientSampleId :

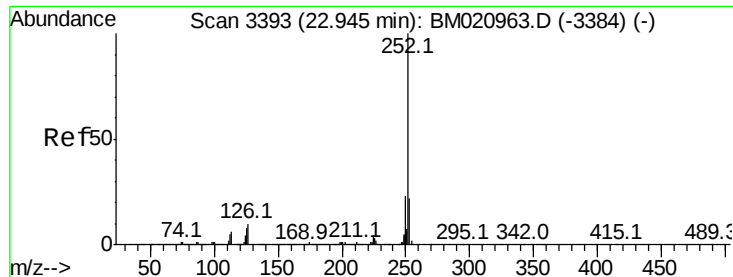
Tot Ion:228 Resp: 307923
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 27.7 21.4 32.2



#84
Chrysene
Concen: 4.131 ng/ul
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

Tgt Ion:228 Resp: 385676
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 21.1 15.4 23.2

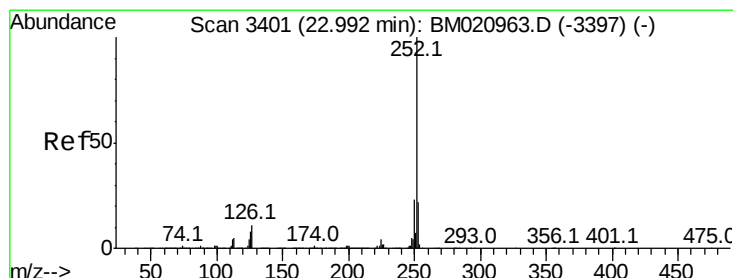
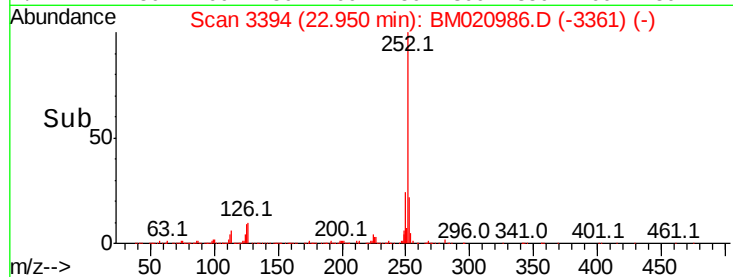
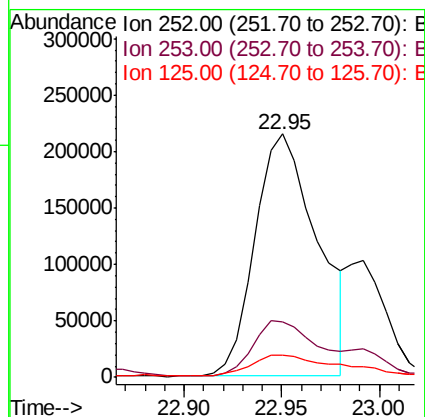
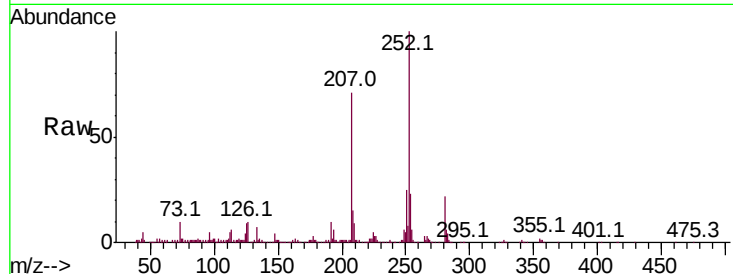




#87
Benzo(b)fluoranthene
Concen: 4.913 ng/ul
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

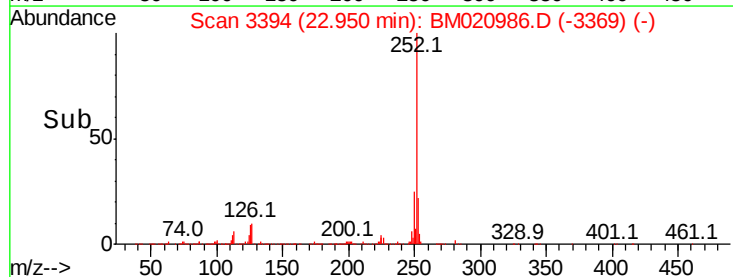
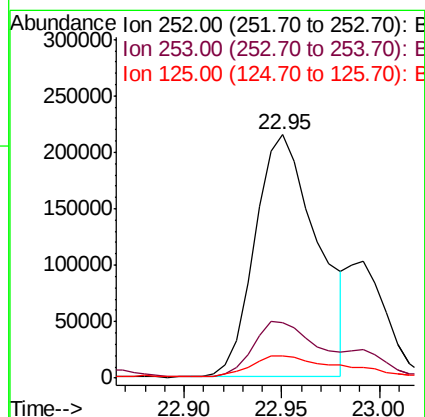
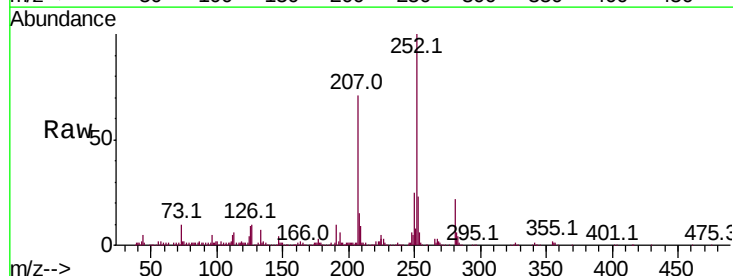
Instrument :
BNA_M
ClientSampleId :

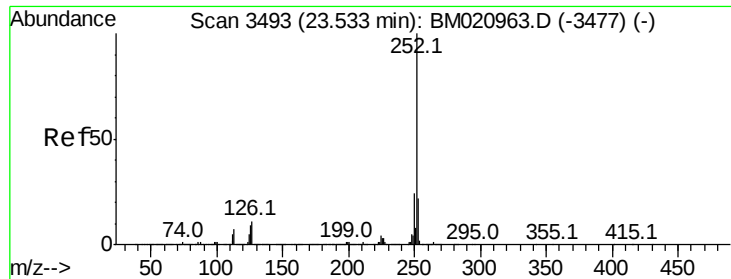
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.2	6.3	9.5



#88
Benzo(k)fluoranthene
Concen: 5.106 ng/ul
RT: 22.95 min Scan# 3394
Delta R.T. -0.05 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.2	6.6	9.8





#90

Benzo(a)pyrene

Concen: 3.046 ng/ul

RT: 23.53 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Instrument :

BNA_M

ClientSampleId :

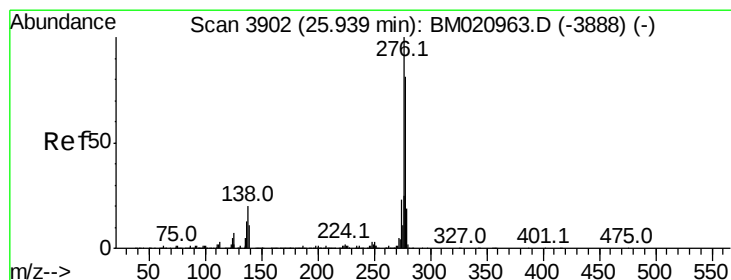
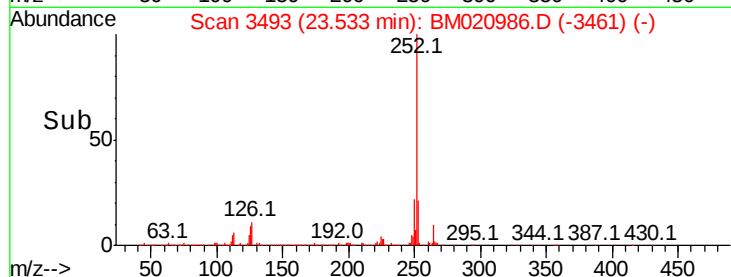
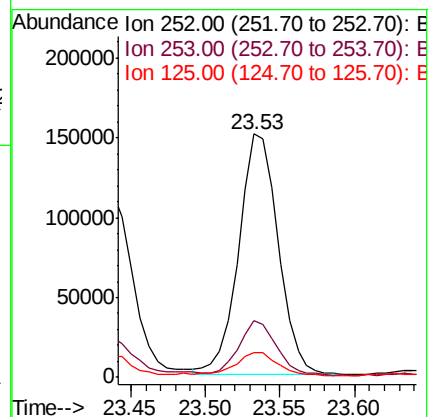
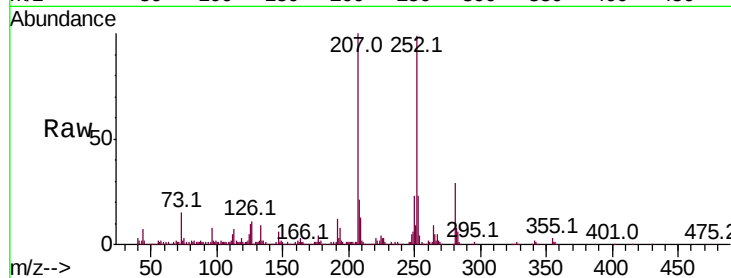
Tot Ion:252 Resp: 276885

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 9.9 7.2 10.8



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.913 ng/ul

RT: 25.93 min Scan# 3900

Delta R.T. -0.02 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

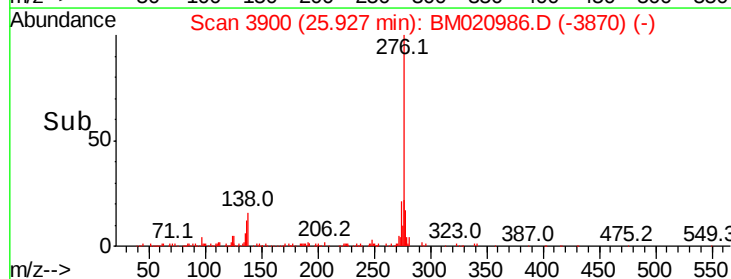
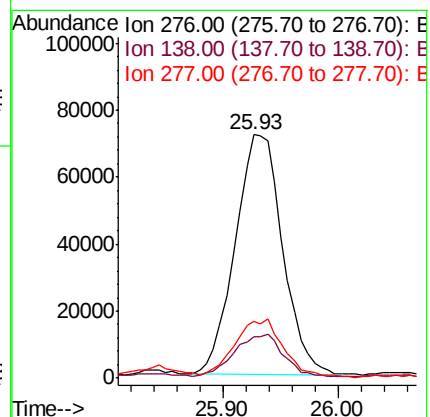
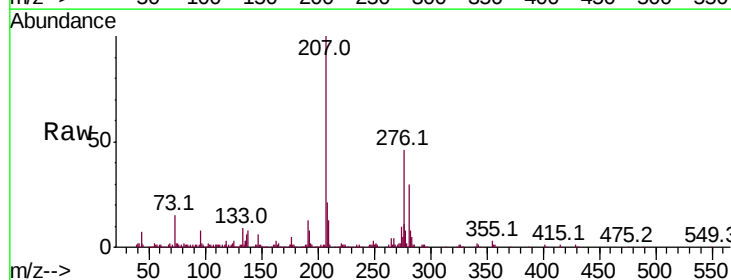
Tgt Ion:276 Resp: 204772

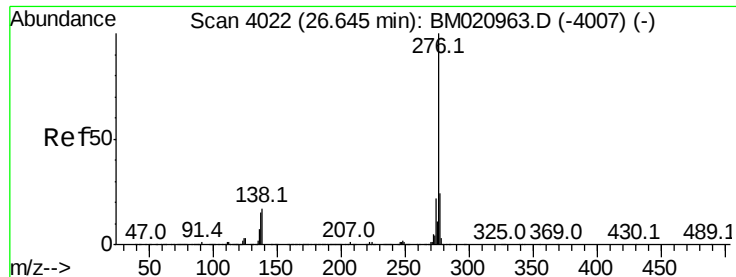
Ion Ratio Lower Upper

276 100

138 17.0 15.9 23.9

277 23.2 20.4 30.6





#93

Benzo(a,h,i)perylene

Concen: 1.905 ng/ul

RT: 26.64 min Scan# 4021

Delta R.T. -0.02 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Instrument :

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ClientSampleId :

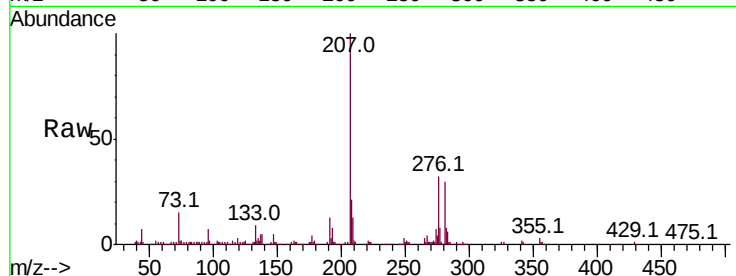
Tot Ion:276 Resp: 167949

Ion Ratio Lower Upper

276 100

138 17.3 14.6 21.8

277 24.6 18.9 28.3



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

