

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021218.D
 Acq On : 27 Jun 2019 15:56
 Operator : HP/JU
 Sample : K3502-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD8

Quant Time: Jun 27 16:42:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 15:09:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	247261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1103513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	719225	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1668978	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1242626	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1275994	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	18446	3.54	ng/uL	0.00
5) Phenol-d5	6.93	99	387963	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	259678	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	341981	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	266999	14.86	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	191547	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	221675	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	418370	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	358320	16.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1524527	23.46	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1764018	22.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	155022	14.66	ng/ul	0.00
57) Fluorene-d10	15.40	176	1352033	23.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	177696	17.32	ng/ul	0.00
70) Anthracene-d10	17.25	188	2045945	23.59	ng/ul	0.00
78) Pyrene-d10	19.54	212	2031030	27.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1730280	22.98	ng/ul	0.00

Target Compounds

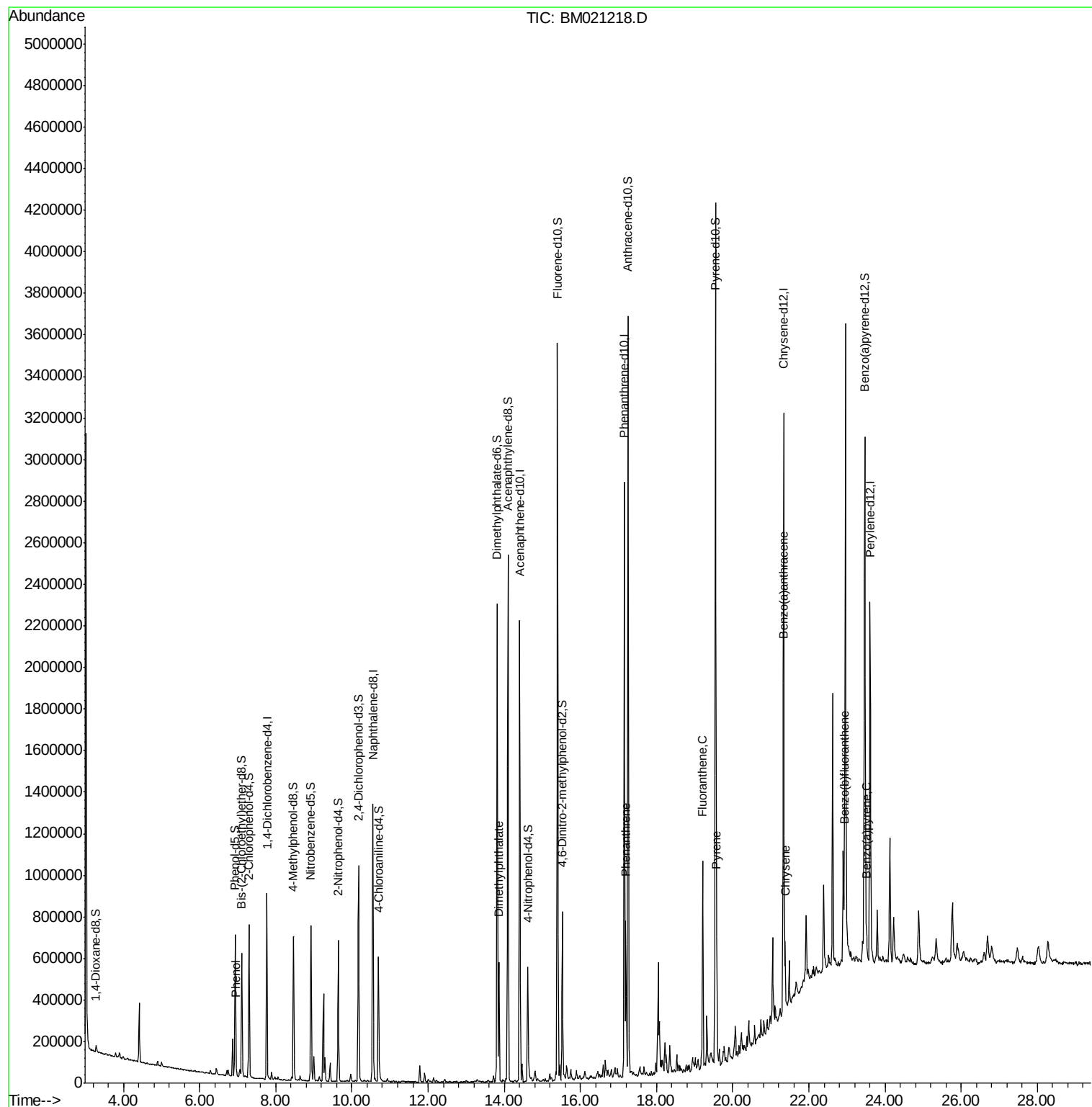
					Ovalue
6) Phenol	6.96	94	22750	1.118	ng/ul 90
44) Dimethylphthalate	13.86	163	371747	6.284	ng/ul 99
69) Phenanthrene	17.19	178	426340	4.619	ng/ul 99
76) Fluoranthene	19.21	202	523038	5.244	ng/ul 99
79) Pyrene	19.57	202	413776	4.710	ng/ul 99
82) Benzo(a)anthracene	21.32	228	186434	2.201	ng/ul 98
84) Chrysene	21.37	228	178173	2.246	ng/ul 95
87) Benzo(b)fluoranthene	22.93	252	189549	2.345	ng/ul# 93
90) Benzo(a)pyrene	23.51	252	113575	1.493	ng/ul# 96

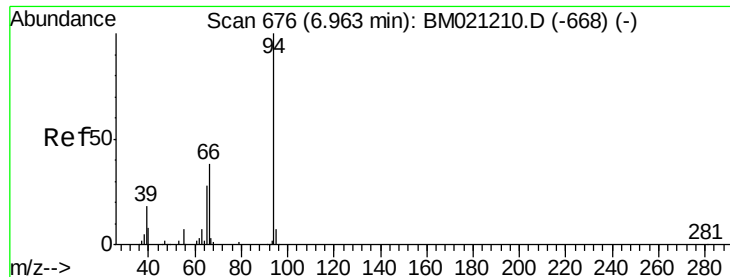
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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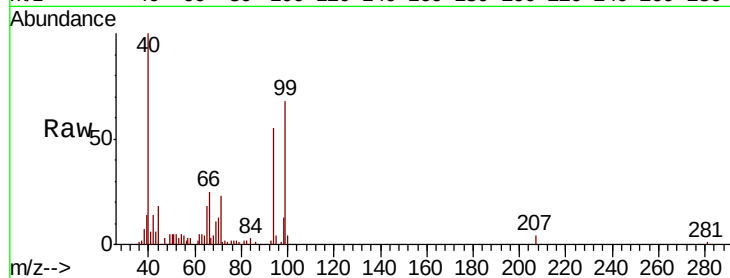
#6

Phenol

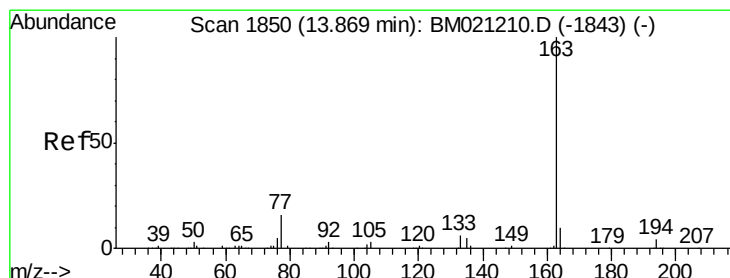
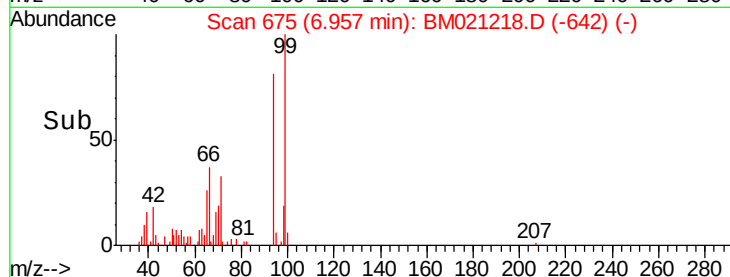
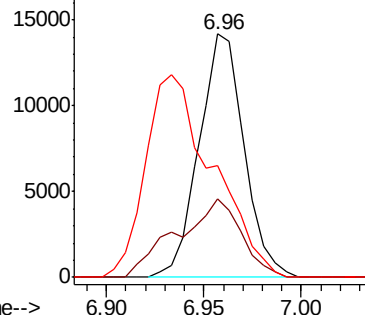
Concen: 1.118 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021218.D
 Acq: 27 Jun 2019 15:56

Instrument :
 BNA_M
 ClientSampleId :
 C5AD8

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.3	22.6	34.0
66	45.7	31.2	46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021210.D (-668) (-)
 Ion 65.00 (64.70 to 65.70): BM021210.D (-668) (-)
 Ion 66.00 (65.70 to 66.70): BM021210.D (-668) (-)

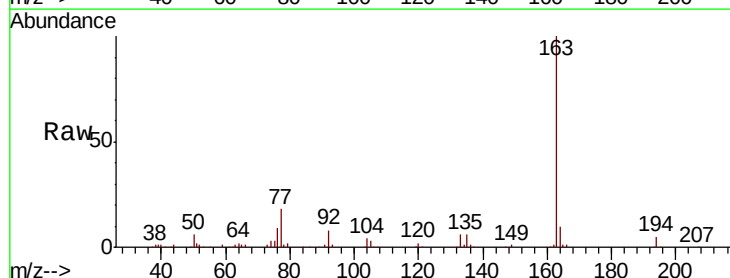


#44

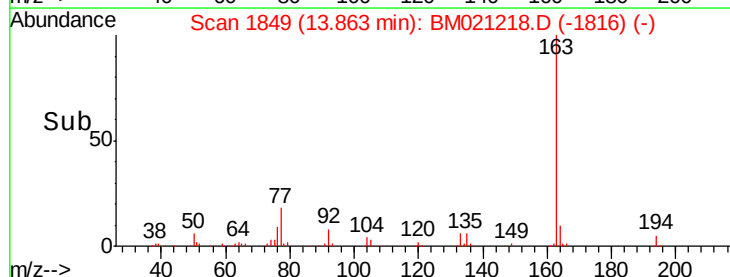
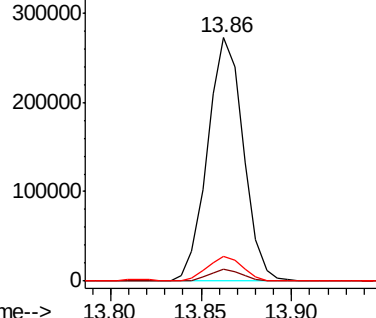
Dimethylphthalate

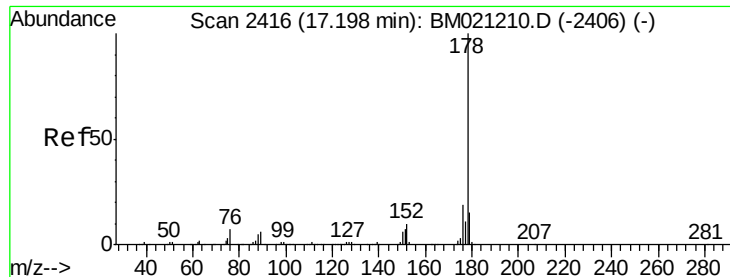
Concen: 6.284 ng/ul
 RT: 13.86 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BM021218.D
 Acq: 27 Jun 2019 15:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.1	7.7	11.5



Abundance Ion 163.00 (162.70 to 163.70): BM021210.D (-1843) (-)
 Ion 194.00 (193.70 to 194.70): BM021210.D (-1843) (-)
 Ion 164.00 (163.70 to 164.70): BM021210.D (-1843) (-)





#69

Phenanthrene

Concen: 4.619 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021218.D

Acq: 27 Jun 2019 15:56

Instrument :

BNA_M

ClientSampleId :

C5AD8

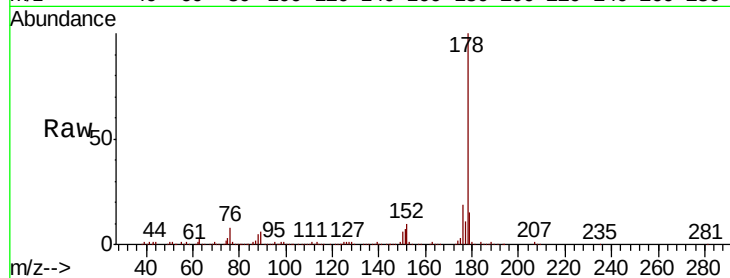
Tot Ion:178 Resp: 426340

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

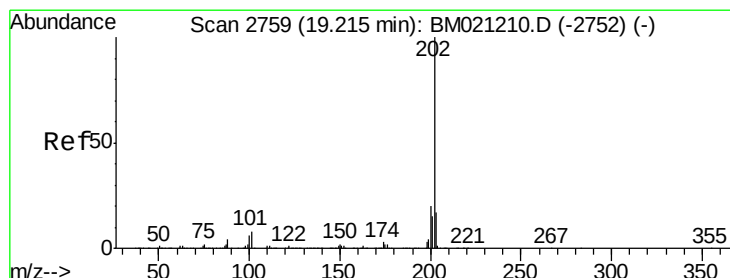
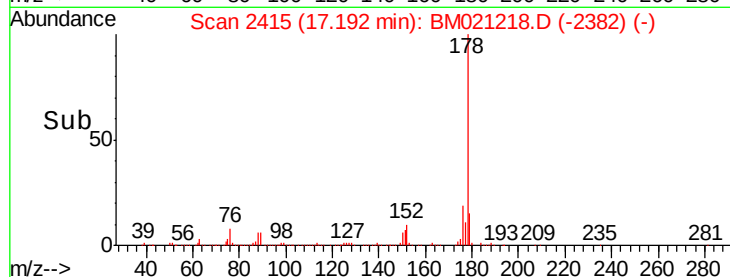
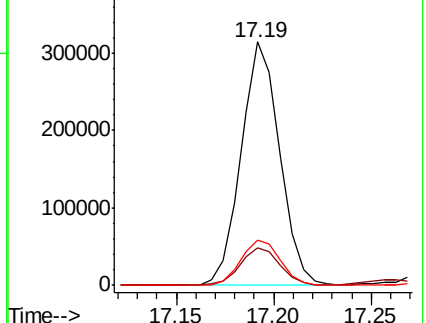
176 18.7 15.0 22.6



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: 5.244 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021218.D

Acq: 27 Jun 2019 15:56

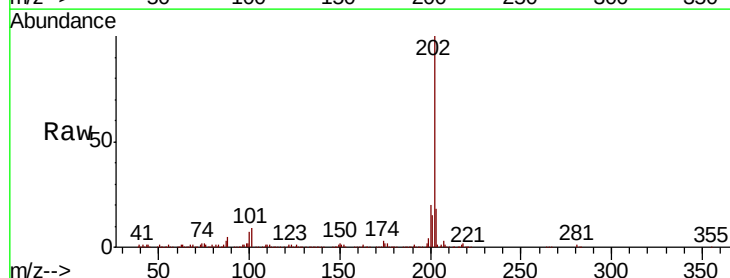
Tgt Ion:202 Resp: 523038

Ion Ratio Lower Upper

202 100

101 9.3 6.7 10.1

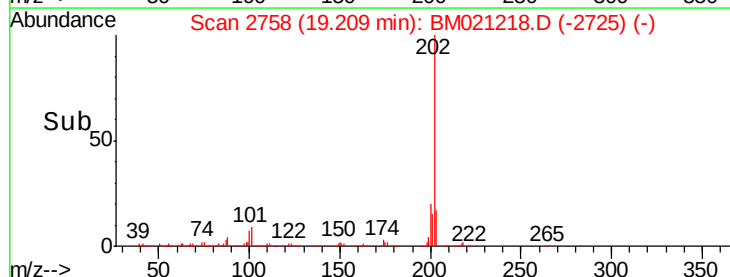
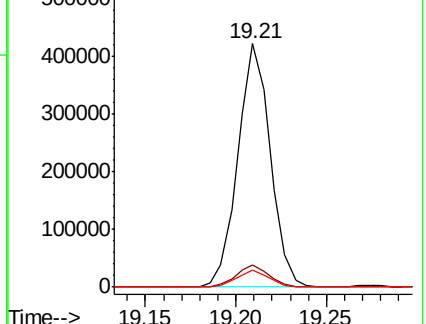
100 6.9 5.5 8.3

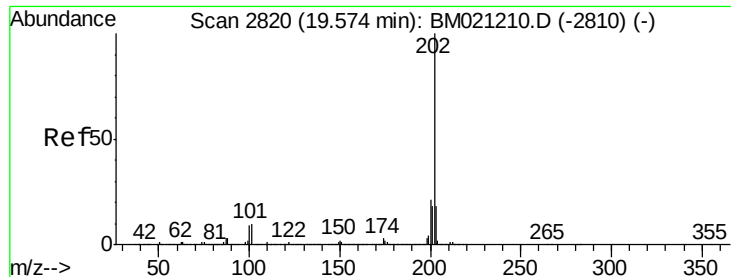


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 4.710 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021218.D

Acq: 27 Jun 2019 15:56

Instrument :

BNA_M

ClientSampleId :

C5AD8

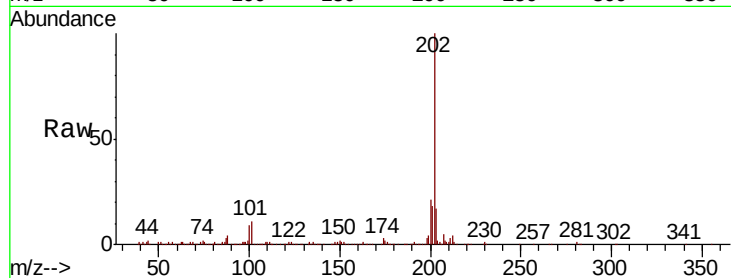
Tot Ion:202 Resp: 413776

Ion Ratio Lower Upper

202 100

101 10.5 8.1 12.1

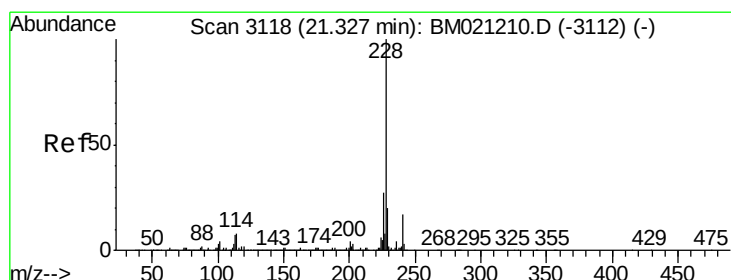
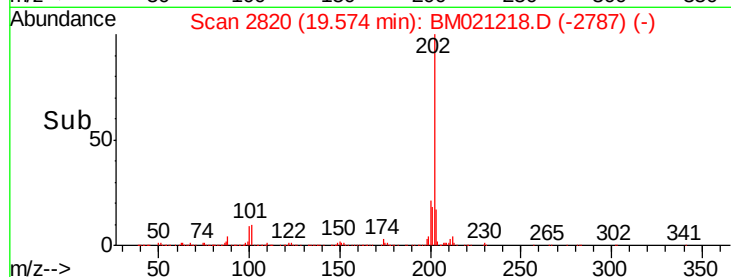
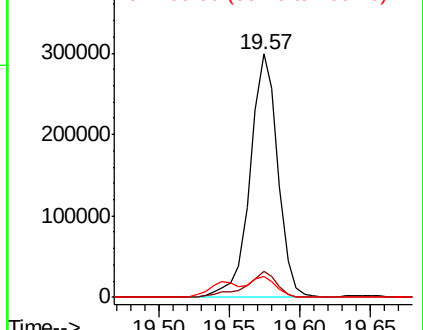
100 8.5 6.6 10.0



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): E



#82

Benzo(a)anthracene

Concen: 2.201 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021218.D

Acq: 27 Jun 2019 15:56

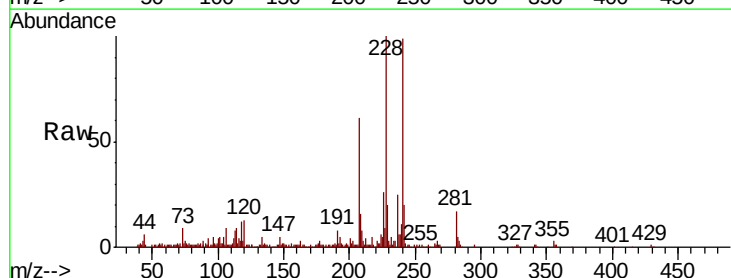
Tgt Ion:228 Resp: 186434

Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.8

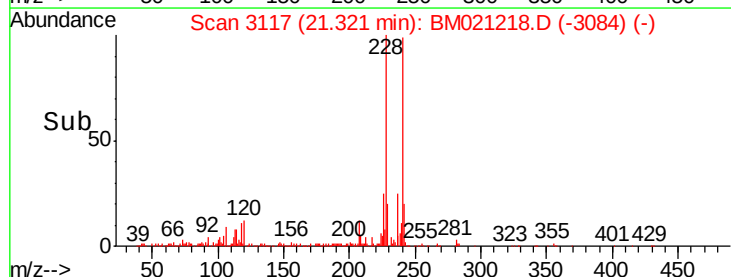
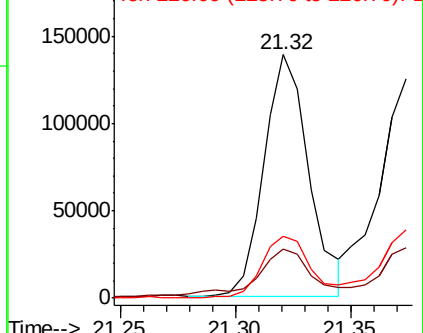
226 25.6 21.4 32.2

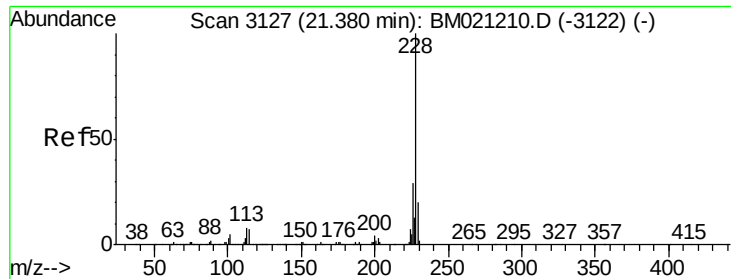


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.246 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021218.D

Acq: 27 Jun 2019 15:56

Instrument :

BNA_M

ClientSampleId :

C5AD8

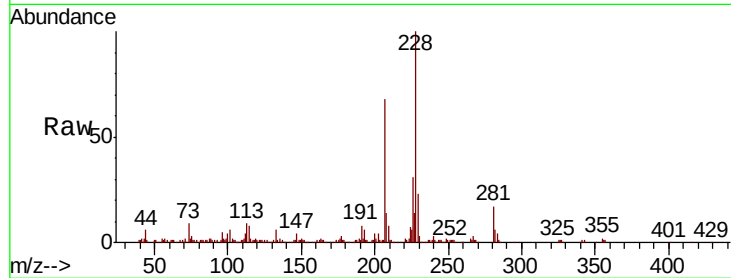
Tot Ion:228 Resp: 178173

Ion Ratio Lower Upper

228 100

226 31.3 23.9 35.9

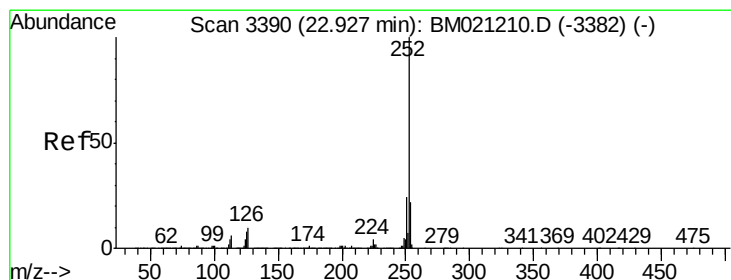
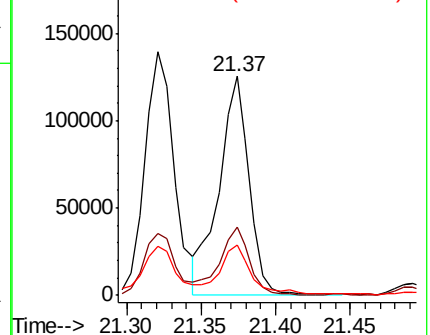
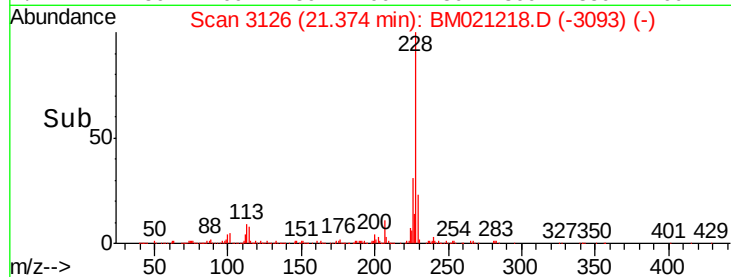
229 22.8 15.4 23.2



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: 2.345 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM021218.D

Acq: 27 Jun 2019 15:56

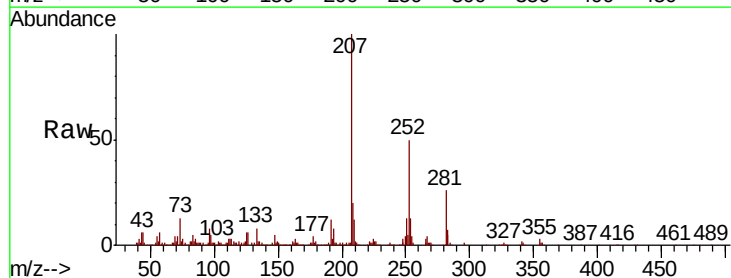
Tgt Ion:252 Resp: 189549

Ion Ratio Lower Upper

252 100

253 24.8 17.5 26.3

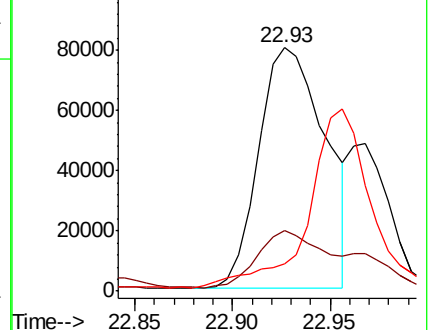
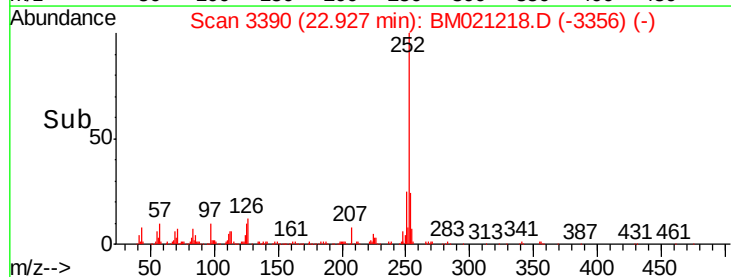
125 11.2 6.3 9.5#

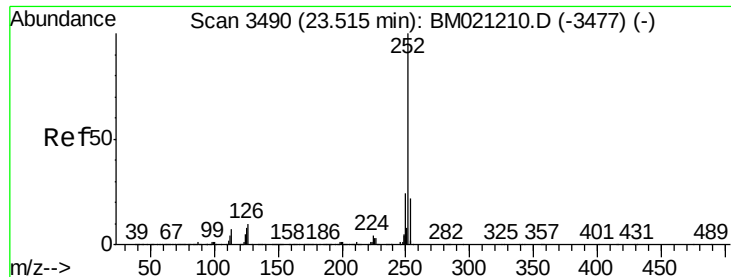


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.493 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021218.D

Acq: 27 Jun 2019 15:56

Instrument :

BNA_M

ClientSampleId :

C5AD8

Tot Ion:252 Resp: 113575

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 10.9 7.2 10.8#

