

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020775.D
 Acq On : 06 Jun 2019 22:12
 Operator : HP/JU
 Sample : K3201-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 05:49:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	286017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1224400	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	730639	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1667442	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1443245	20.00	ng/ul	-0.01
85) Perylene-d12	23.66	264	1528822	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	22419	3.74	ng/uL	0.00
5) Phenol-d5	6.97	99	434381	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	277257	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	373110	21.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	362540	20.59	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	180245	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	187055	21.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	384493	21.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	457122	21.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1297443	24.01	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1568254	22.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	155233	16.74	ng/ul	0.00
57) Fluorene-d10	15.44	176	1083112	23.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	112191	13.16	ng/ul	0.00
70) Anthracene-d10	17.29	188	1671015	22.94	ng/ul	0.00
78) Pyrene-d10	19.59	212	1789620	25.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1683069	24.22	ng/ul	0.00

Target Compounds

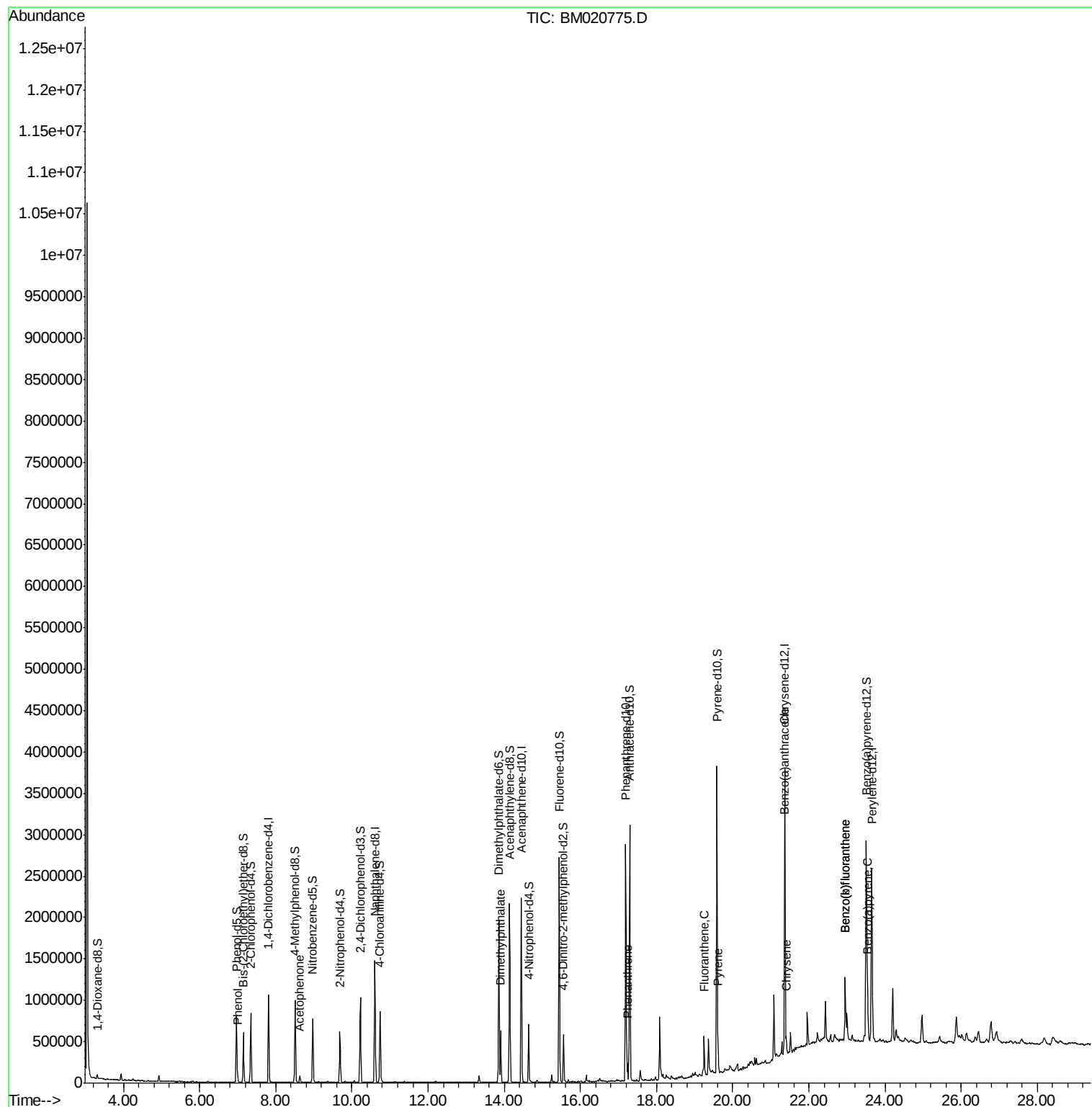
					Ovalue
6) Phenol	7.00	94	35882	1.593	ng/ul 98
14) Acetophenone	8.63	105	37215	1.368	ng/ul 91
44) Dimethylphthalate	13.90	163	392917	7.261	ng/ul 100
69) Phenanthrene	17.23	178	116127	1.384	ng/ul 98
76) Fluoranthene	19.25	202	233511	2.428	ng/ul 99
79) Pyrene	19.61	202	214527	2.408	ng/ul 98
82) Benzo(a)anthracene	21.36	228	107900	1.198	ng/ul 96
84) Chrysene	21.40	228	109230	1.308	ng/ul 98
87) Benzo(b)fluoranthene	22.96	252	146093	1.643	ng/ul# 93
88) Benzo(k)fluoranthene	22.96	252	146093	1.719	ng/ul# 93
90) Benzo(a)pyrene	23.55	252	98331	1.162	ng/ul# 96

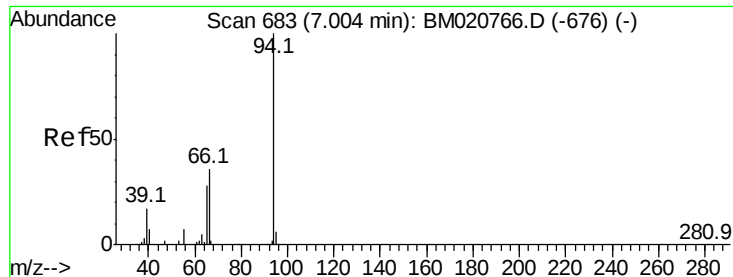
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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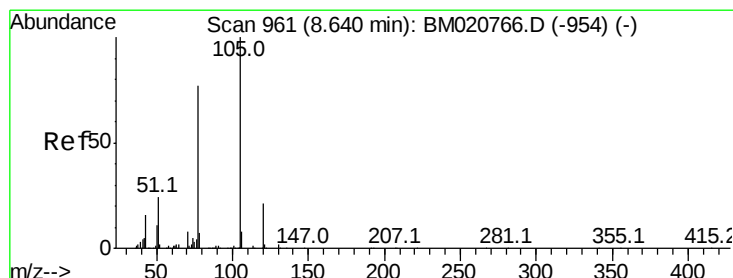
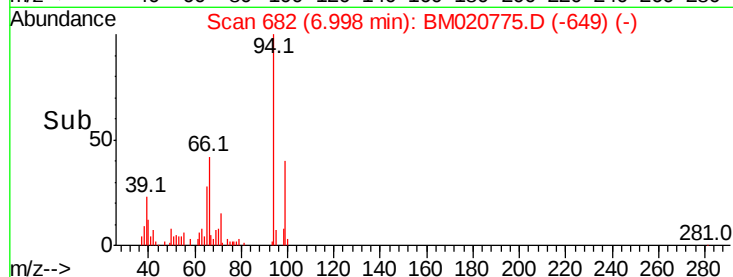
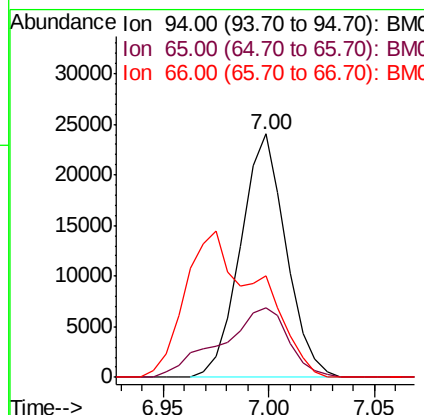
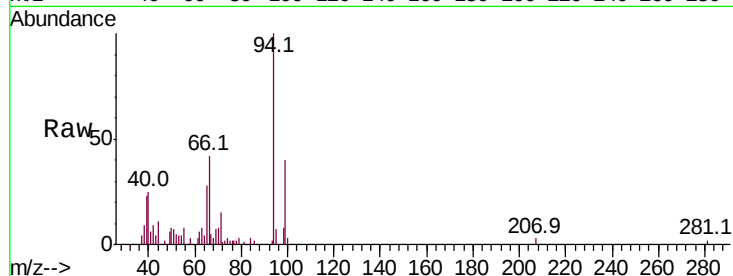
#6

Phenol

Concen: 1.593 ng/ul
 RT: 7.00 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BM020775.D
 Acq: 06 Jun 2019 22:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.4	23.3	34.9
66	41.5	32.1	48.1

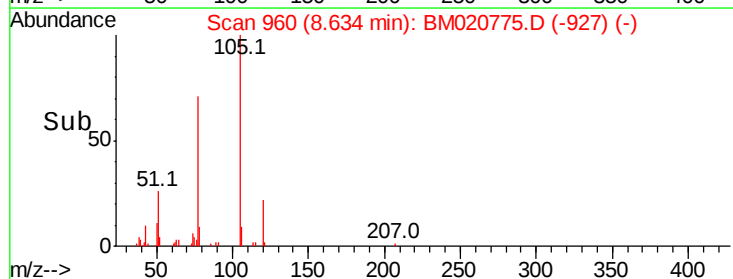
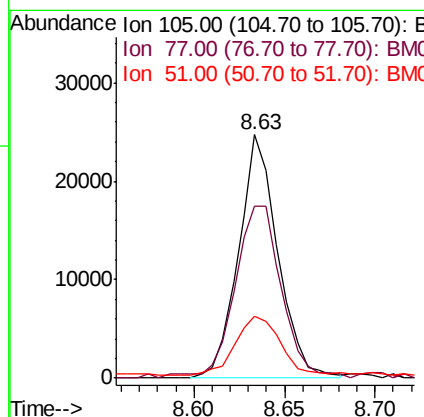
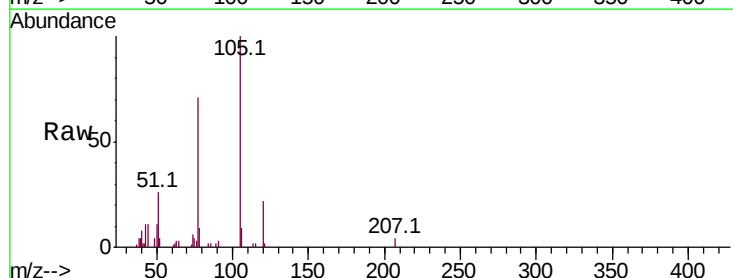


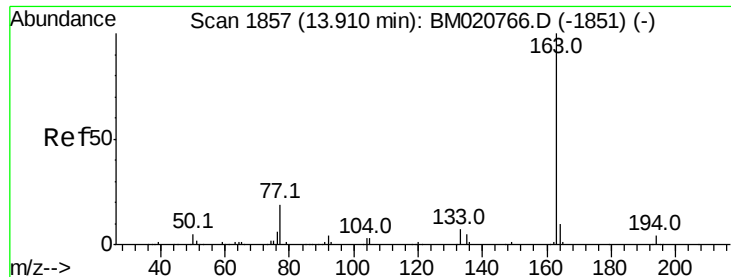
#14

Acetophenone

Concen: 1.368 ng/ul
 RT: 8.63 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BM020775.D
 Acq: 06 Jun 2019 22:12

Tgt Ion	Ratio	Lower	Upper
105	100		
77	70.7	64.6	97.0
51	25.6	21.4	32.2

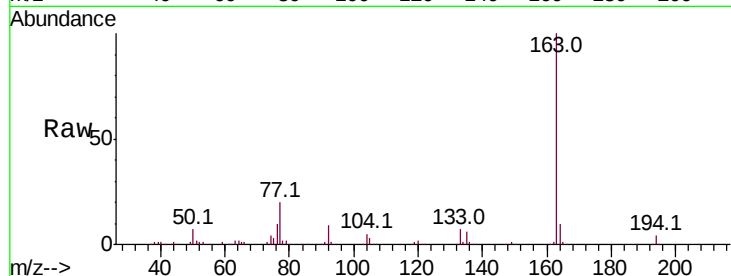




#44
Dimethylphthalate
Concen: 7.261 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020775.D
Acq: 06 Jun 2019 22:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.0	12.0

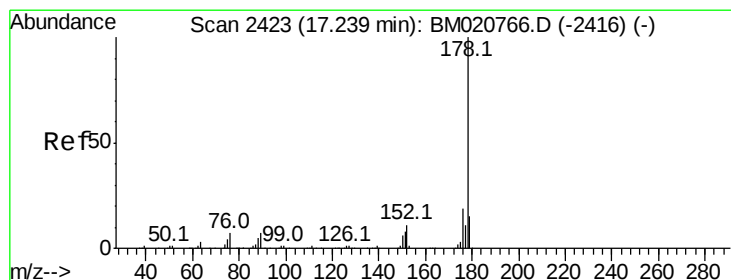
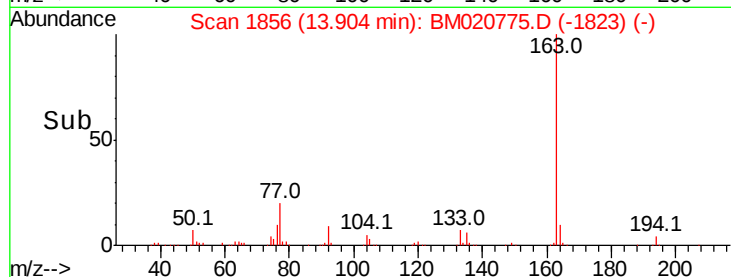
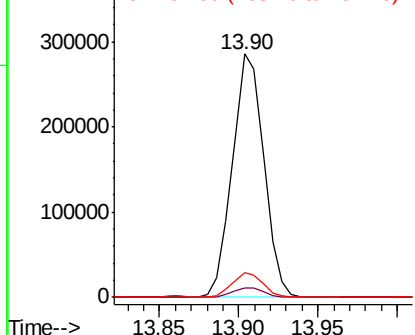


Abundance

Ion 163.00 (162.70 to 163.70): E

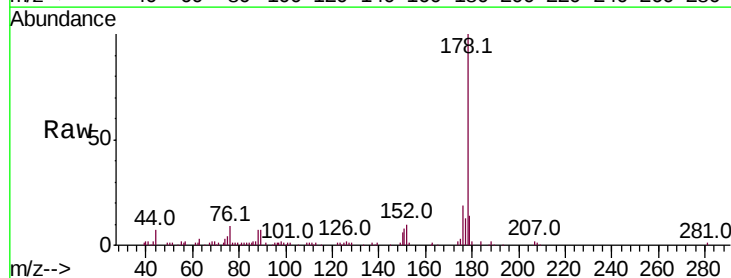
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 1.384 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020775.D
Acq: 06 Jun 2019 22:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.3	18.5
176	19.0	14.8	22.2

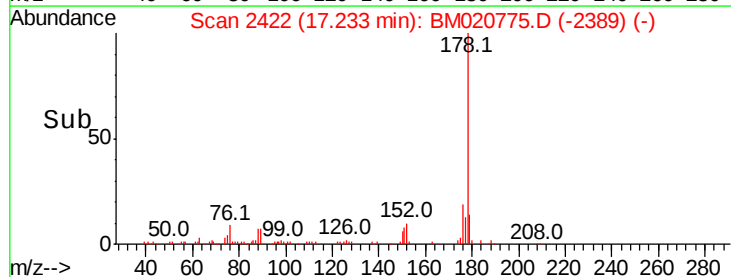
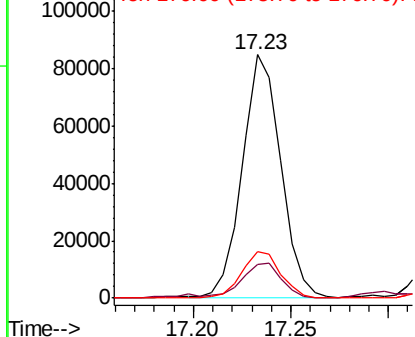


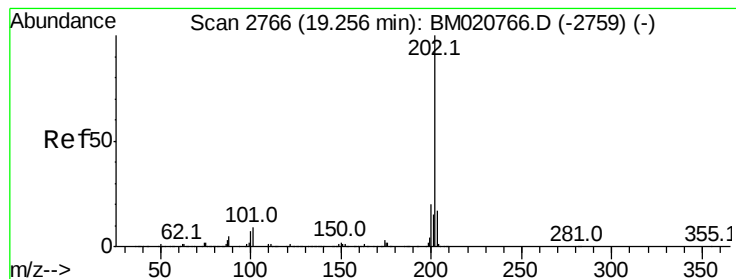
Abundance

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





#76

Fluoranthene

Concen: 2.428 ng/ul

RT: 19.25 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM020775.D

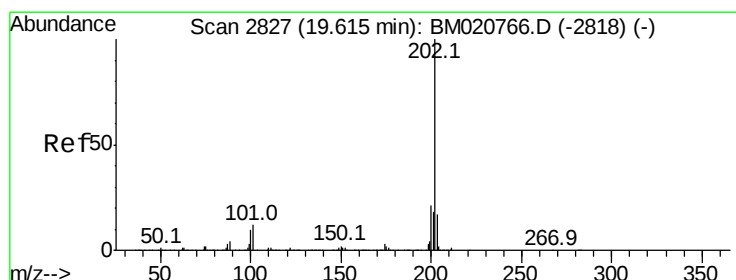
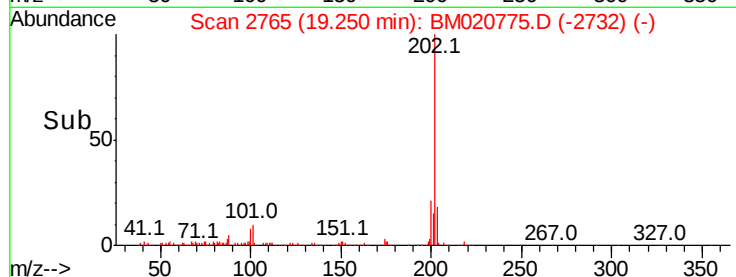
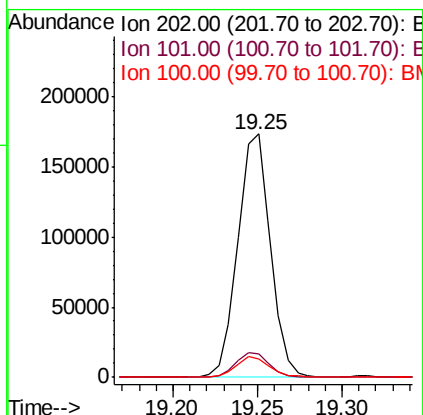
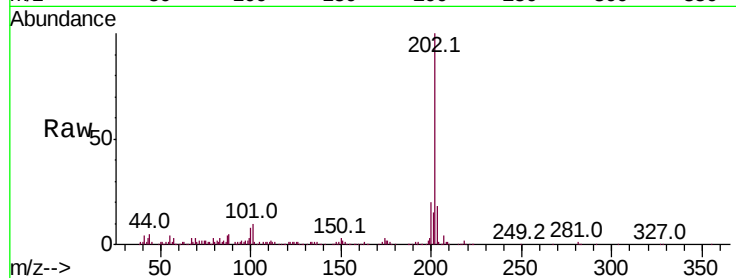
Acq: 06 Jun 2019 22:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	233511
Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.9	11.9
100	7.6	6.2	9.4



#79

Pyrene

Concen: 2.408 ng/ul

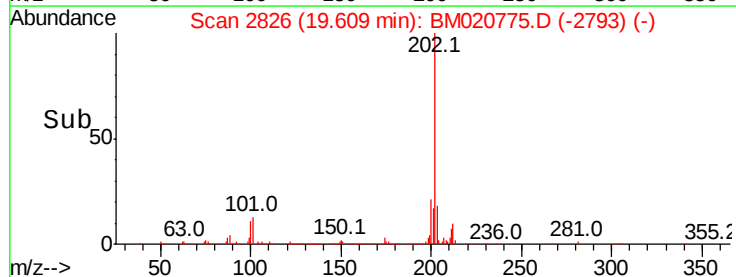
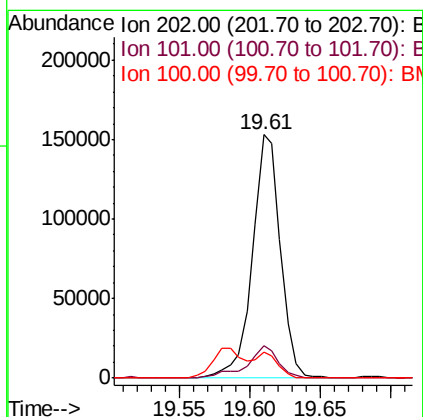
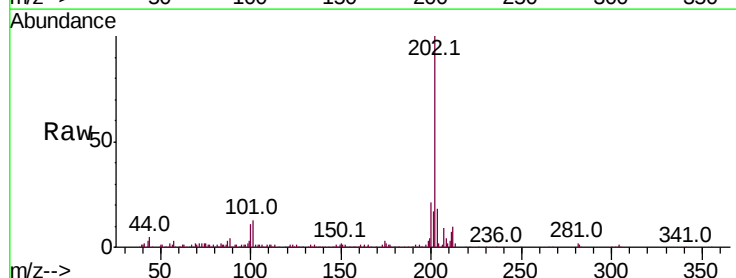
RT: 19.61 min Scan# 2826

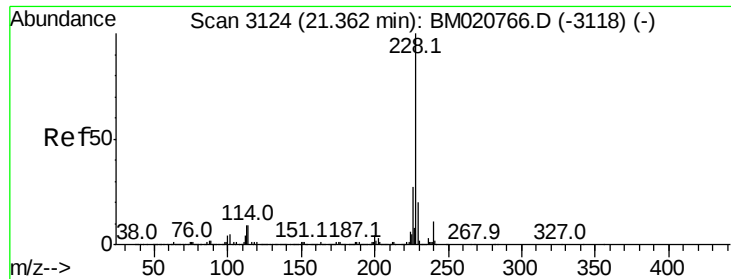
Delta R.T. -0.01 min

Lab File: BM020775.D

Acq: 06 Jun 2019 22:12

Tgt Ion:	202	Resp:	214527
Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.6
100	10.5	8.0	12.0





#82

Benzo(a)anthracene

Concen: 1.198 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020775.D

Acq: 06 Jun 2019 22:12

Instrument :

BNA_M

ClientSampled :

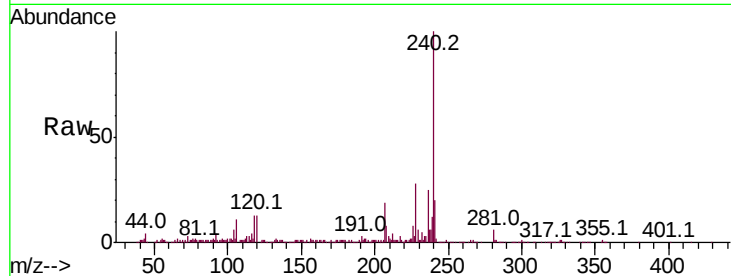
Tot Ion:228 Resp: 107900

Ion Ratio Lower Upper

228 100

229 21.6 15.6 23.4

226 29.0 21.4 32.2

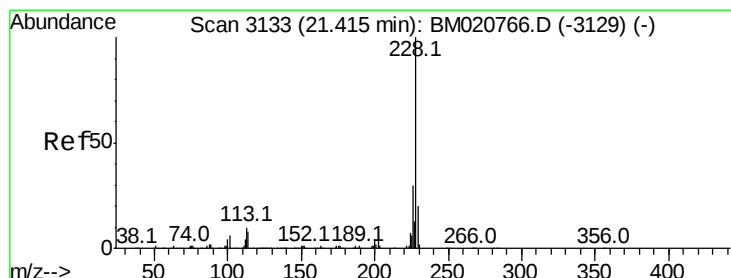
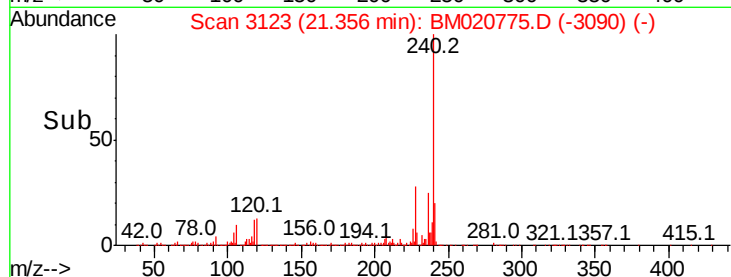
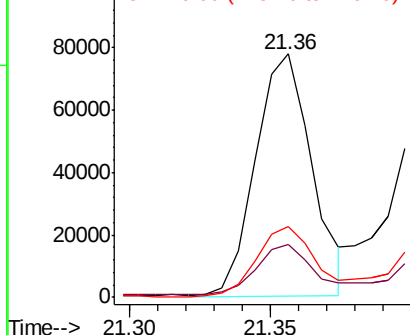


Abundance

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: 1.308 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM020775.D

Acq: 06 Jun 2019 22:12

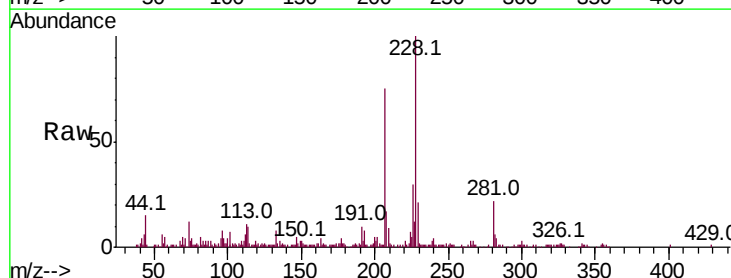
Tgt Ion:228 Resp: 109230

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 21.4 16.2 24.2

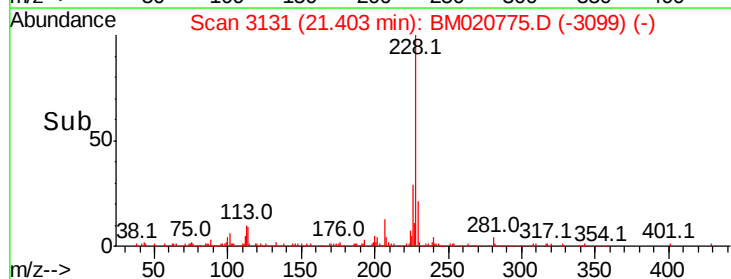
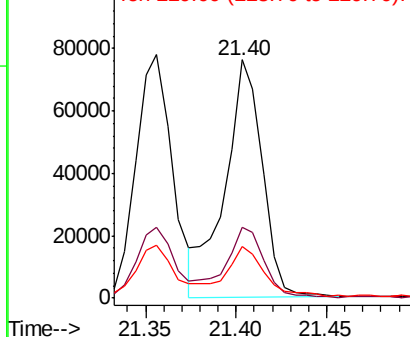


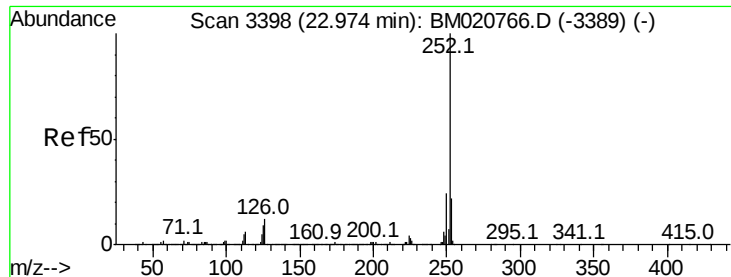
Abundance

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: 1.643 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM020775.D

Acq: 06 Jun 2019 22:12

Instrument :

BNA_M

ClientSampleId :

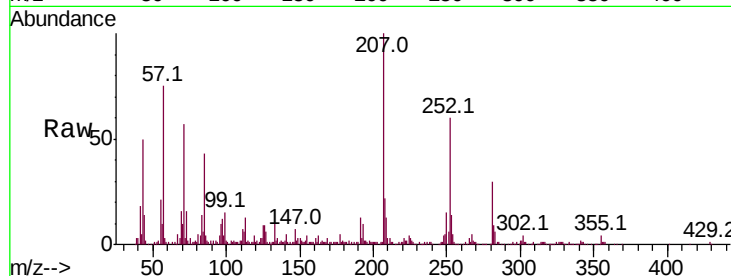
Tot Ion:252 Resp: 146093

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

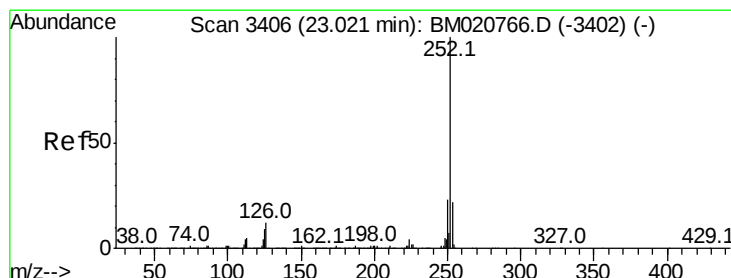
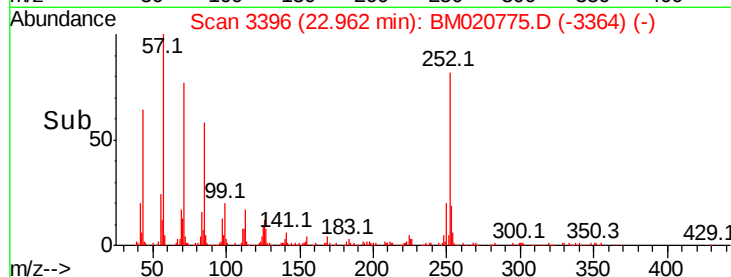
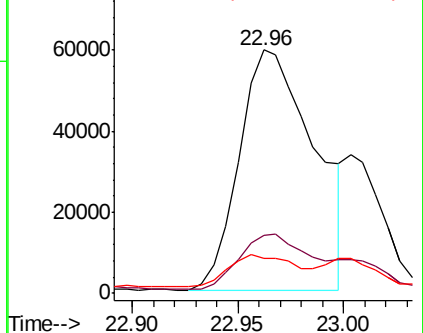
125 14.4 7.3 10.9#



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: 1.719 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.06 min

Lab File: BM020775.D

Acq: 06 Jun 2019 22:12

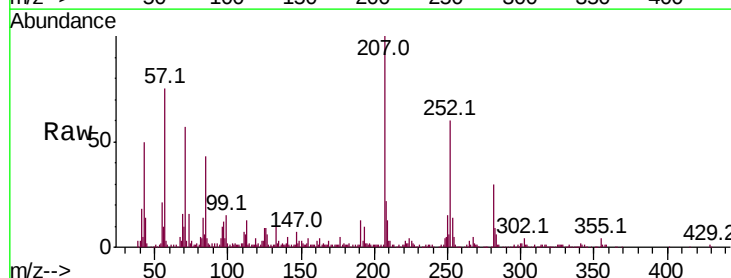
Tgt Ion:252 Resp: 146093

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

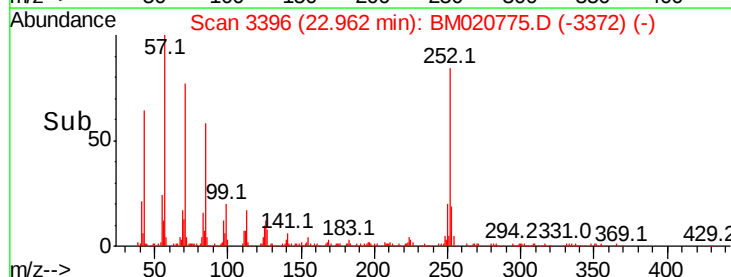
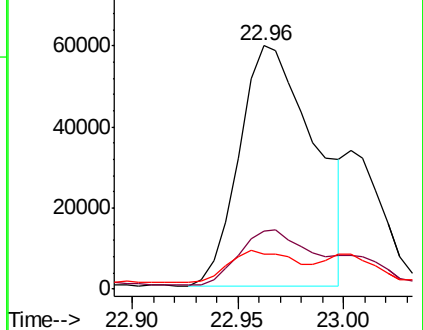
125 14.4 7.3 10.9#

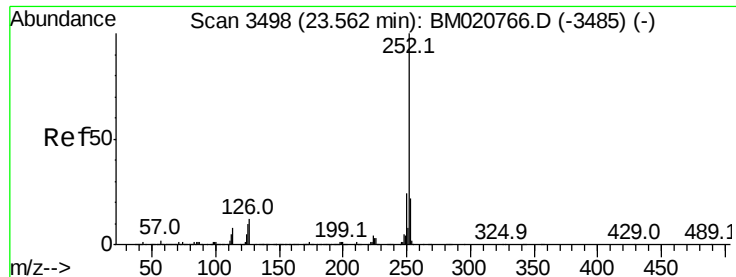


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.162 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020775.D

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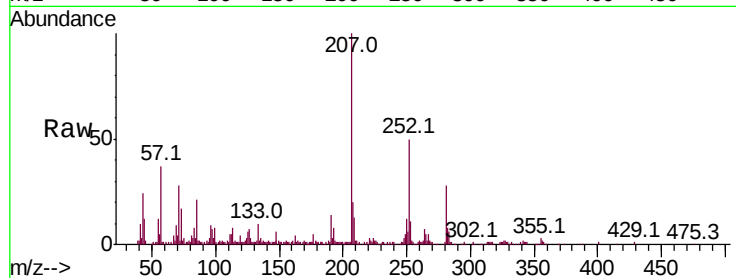
Tot Ion:252 Resp: 98331

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 12.4 8.2 12.4#



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

