

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020776.D
 Acq On : 06 Jun 2019 22:49
 Operator : HP/JU
 Sample : K3201-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 05:49:41 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	281264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1156827	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	664381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1474835	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1345374	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1531444	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	34645	5.87	ng/uL	0.00
5) Phenol-d5	6.97	99	641449	29.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	402021	31.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	540834	31.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	521834	30.14	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	263142	33.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	275375	33.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	530094	31.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	638510	31.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1689210	34.37	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2028928	32.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	236860	28.09	ng/ul	0.00
57) Fluorene-d10	15.45	176	1403961	33.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	180214	23.90	ng/ul	0.00
70) Anthracene-d10	17.29	188	2138813	33.20	ng/ul	0.00
78) Pyrene-d10	19.59	212	2224264	34.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2263039	32.51	ng/ul	0.00

Target Compounds

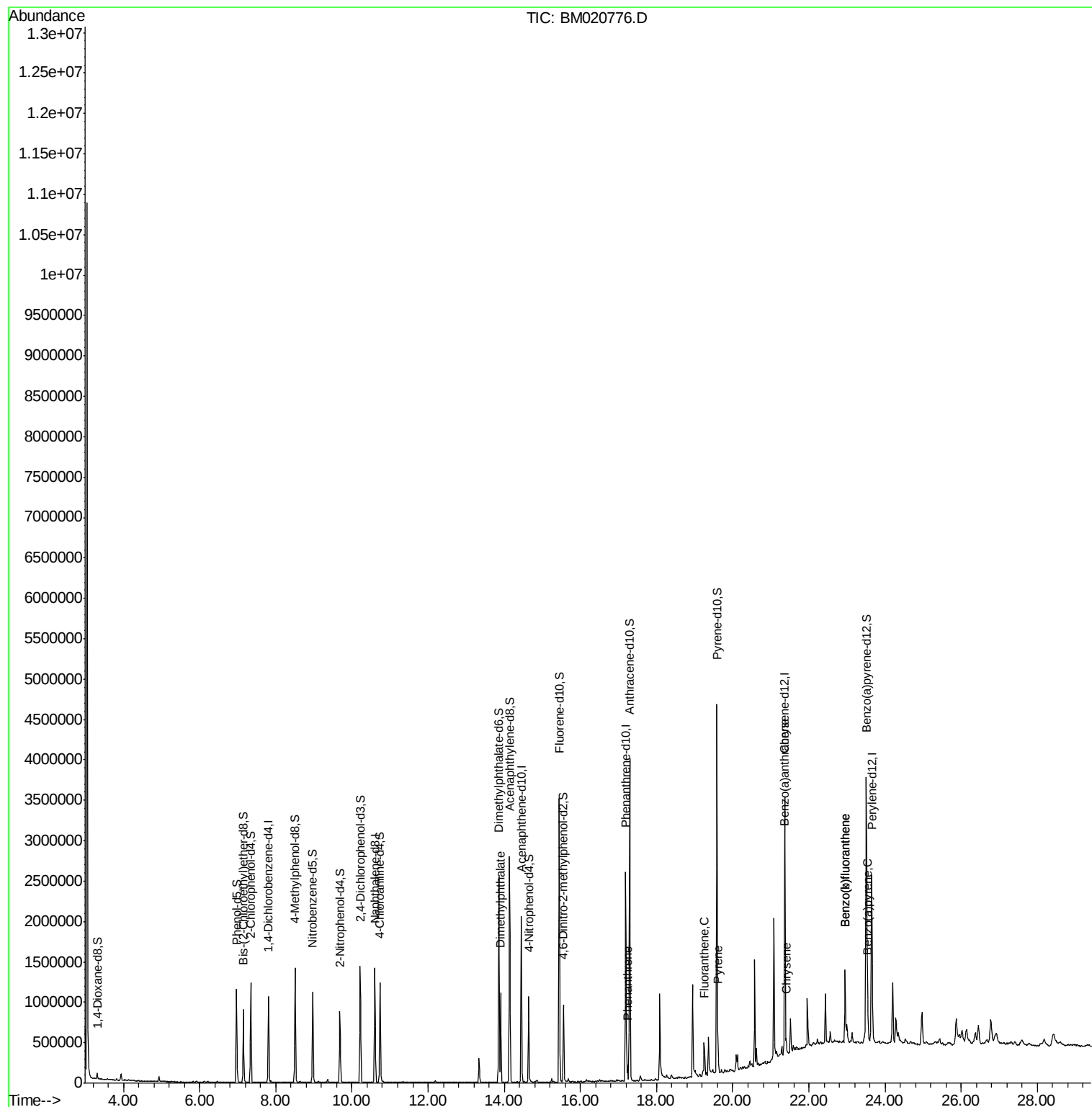
					Ovalue
44) Dimethylphthalate	13.90	163	683859	13.897 ng/ul	98
69) Phenanthrene	17.24	178	114484	1.542 ng/ul	97
76) Fluoranthene	19.25	202	199375	2.344 ng/ul	98
79) Pyrene	19.61	202	176518	2.126 ng/ul	99
82) Benzo(a)anthracene	21.36	228	98295	1.171 ng/ul	97
84) Chrysene	21.40	228	99596	1.279 ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	144080	1.617 ng/ul#	91
88) Benzo(k)fluoranthene	22.96	252	144080	1.692 ng/ul#	91
90) Benzo(a)pyrene	23.55	252	87434	1.032 ng/ul#	91

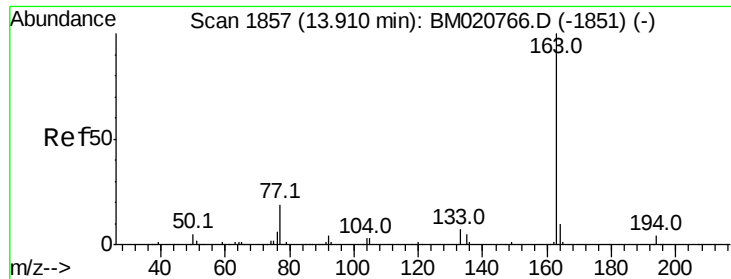
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020776.D
Acq On : 06 Jun 2019 22:49
Operator : HP/JU
Sample : K3201-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 07 05:49:41 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

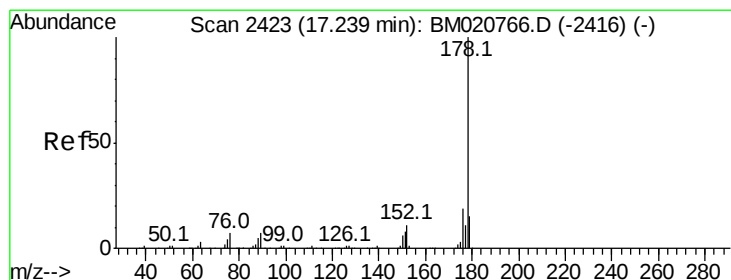
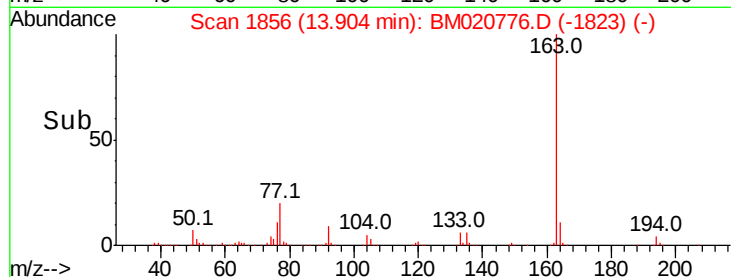
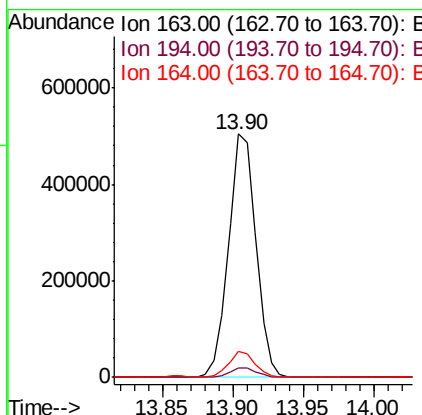
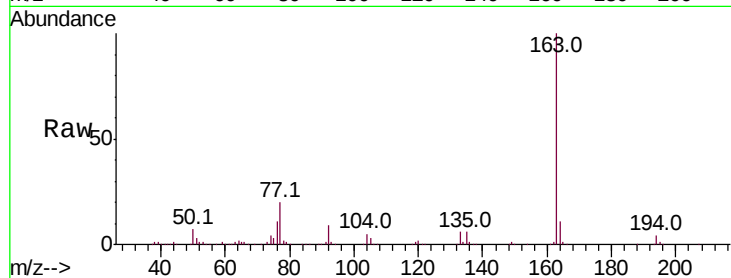




#44
Dimethylphthalate
Concen: 13.897 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020776.D
Acq: 06 Jun 2019 22:49

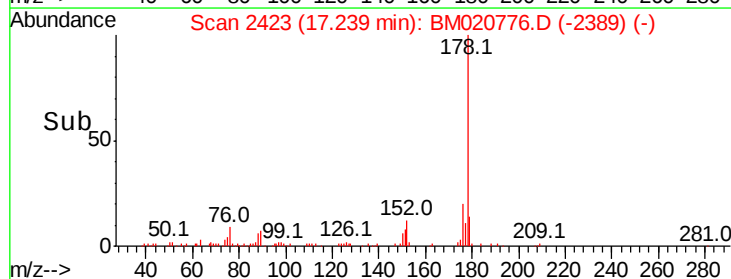
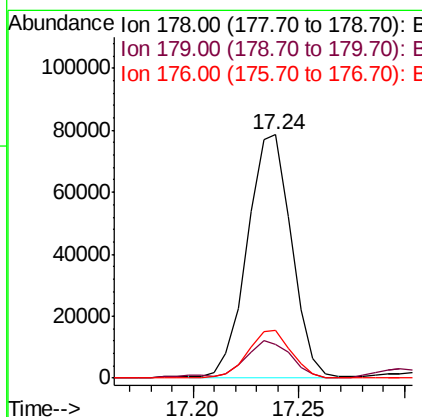
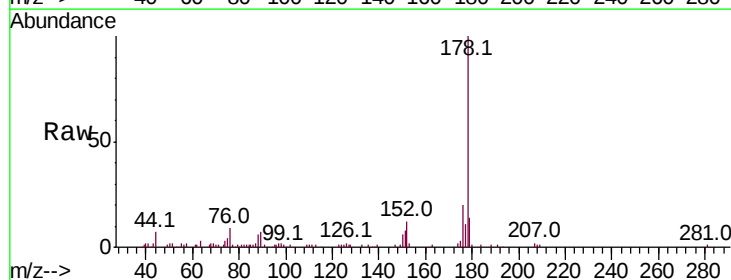
Instrument :
BNA_M
ClientSampleId :

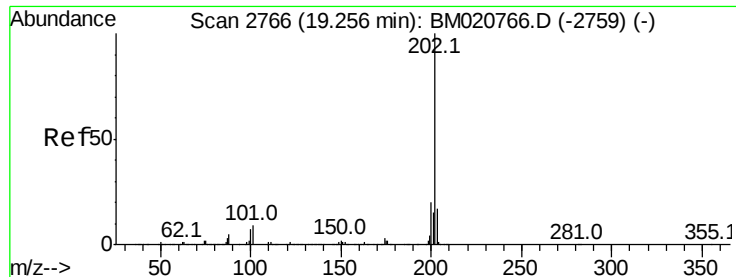
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.9	8.0	12.0



#69
Phenanthrene
Concen: 1.542 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM020776.D
Acq: 06 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.3	18.5
176	19.6	14.8	22.2

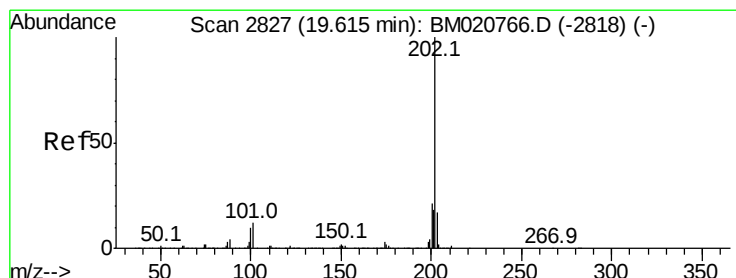
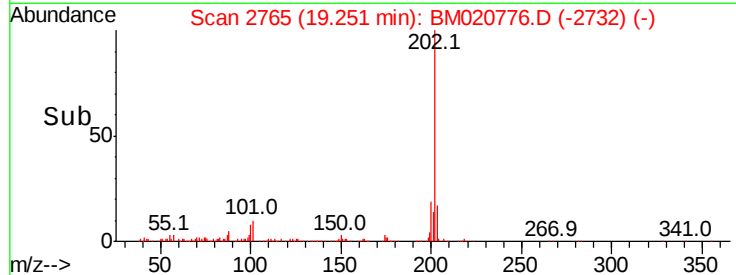
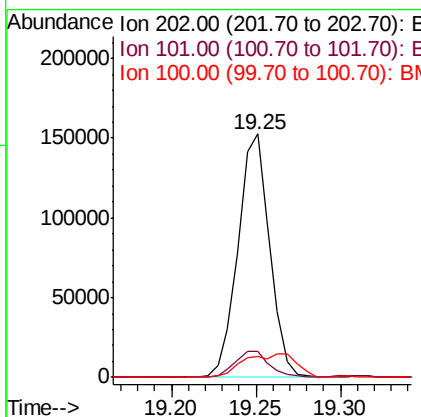
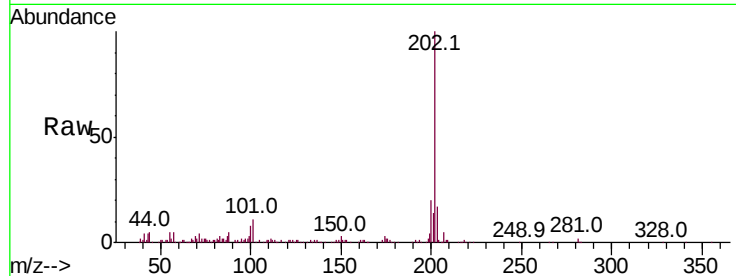




#76
 Fluoranthene
 Concen: 2.344 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BM020776.D
 Acq: 06 Jun 2019 22:49

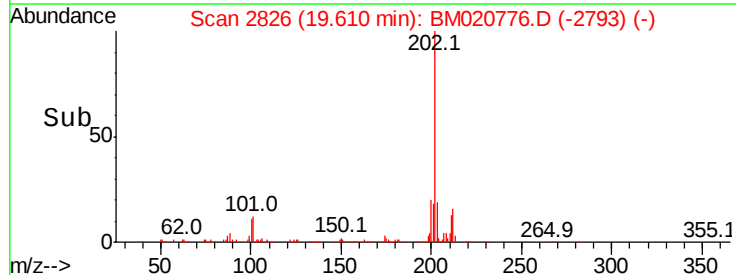
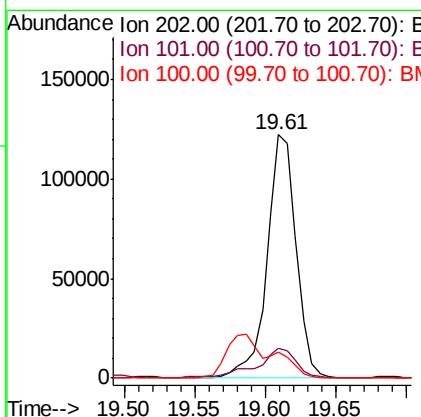
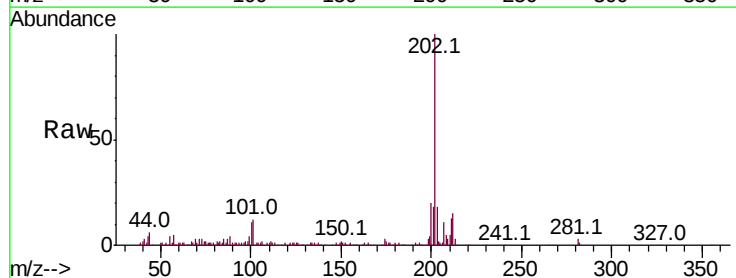
Instrument :
 BNA_M
 ClientSampleId :

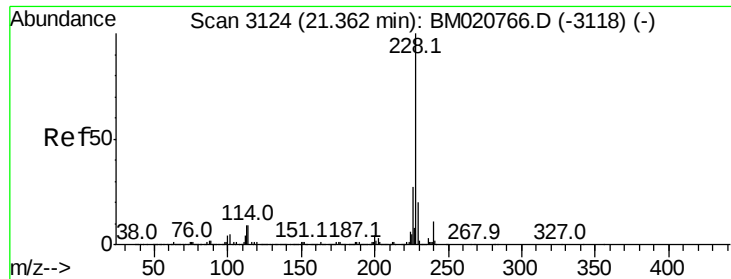
Tot Ion:	202	Resp:	199375
Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.9	11.9
100	8.4	6.2	9.4



#79
 Pyrene
 Concen: 2.126 ng/ul
 RT: 19.61 min Scan# 2826
 Delta R.T. -0.01 min
 Lab File: BM020776.D
 Acq: 06 Jun 2019 22:49

Tgt Ion:	202	Resp:	176518
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	10.8	8.0	12.0





#82

Benzo(a)anthracene

Concen: 1.171 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020776.D

Acq: 06 Jun 2019 22:49

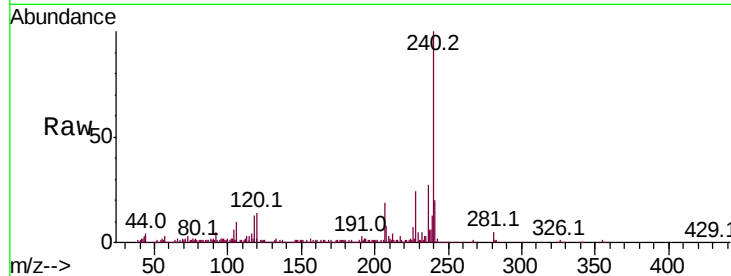
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 98295

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	28.5	21.4	32.2

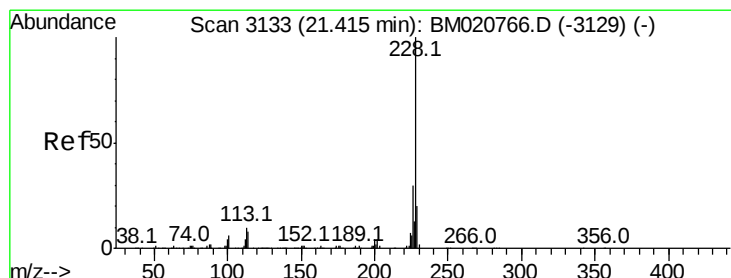
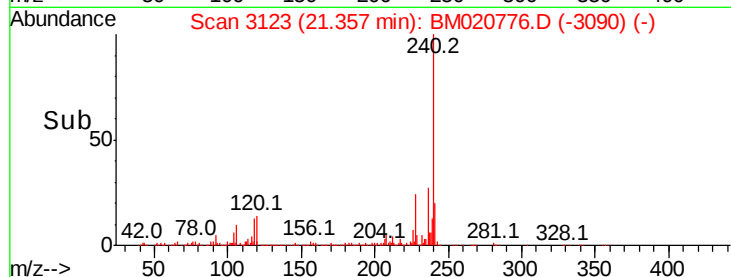
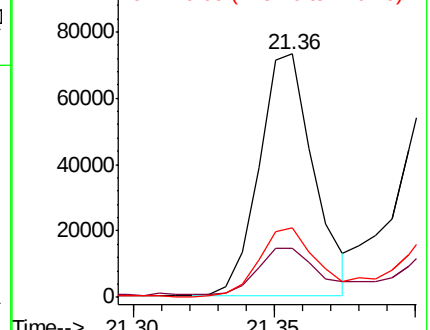


Abundance

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: 1.279 ng/ul

RT: 21.40 min Scan# 3131

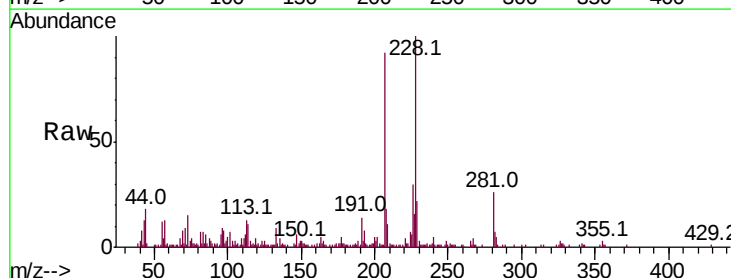
Delta R.T. -0.01 min

Lab File: BM020776.D

Acq: 06 Jun 2019 22:49

Tgt Ion:228 Resp: 99596

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.2	16.2	24.2

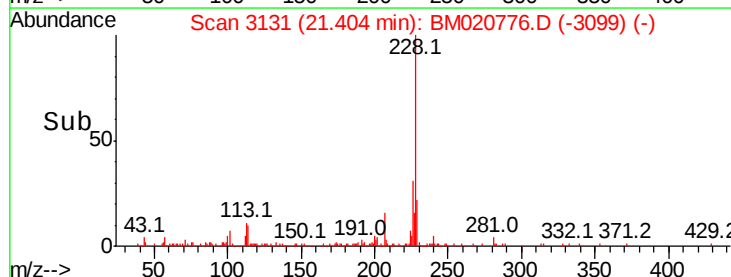
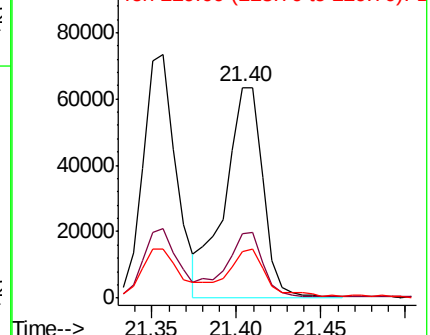


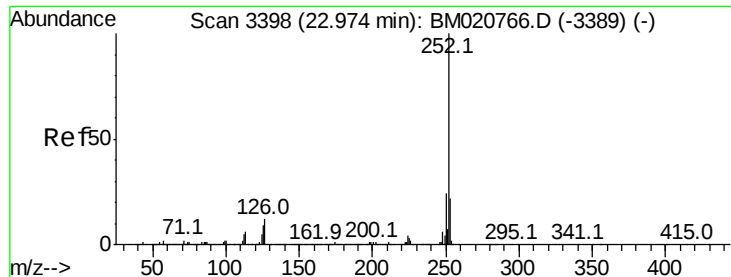
Abundance

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: 1.617 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM020776.D

Acq: 06 Jun 2019 22:49

Instrument :

BNA_M

ClientSampled :

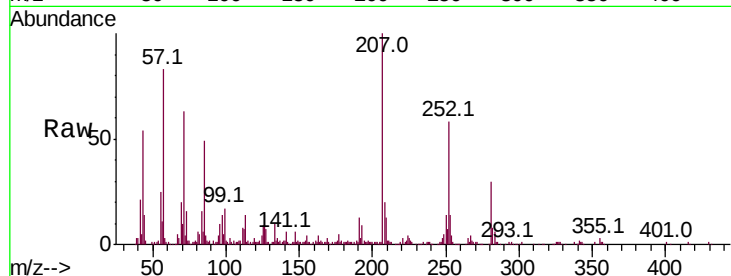
Tot Ion:252 Resp: 144080

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

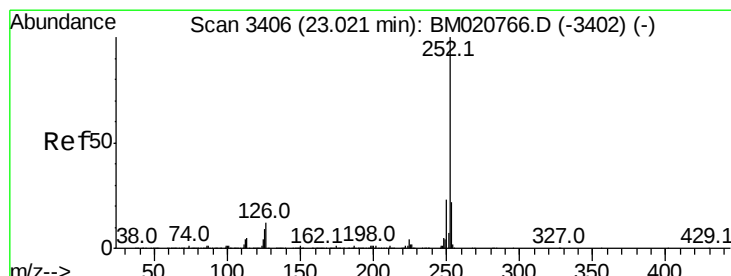
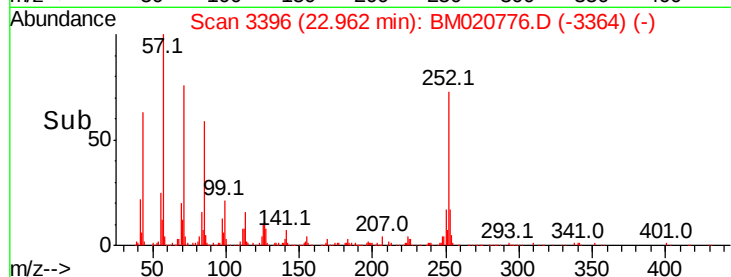
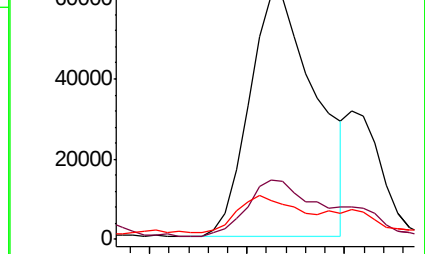
125 16.2 7.3 10.9#



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: 1.692 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.06 min

Lab File: BM020776.D

Acq: 06 Jun 2019 22:49

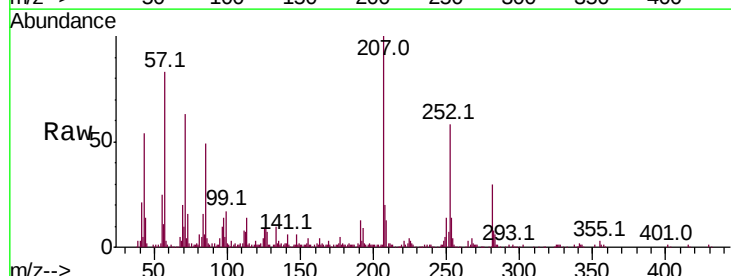
Tgt Ion:252 Resp: 144080

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

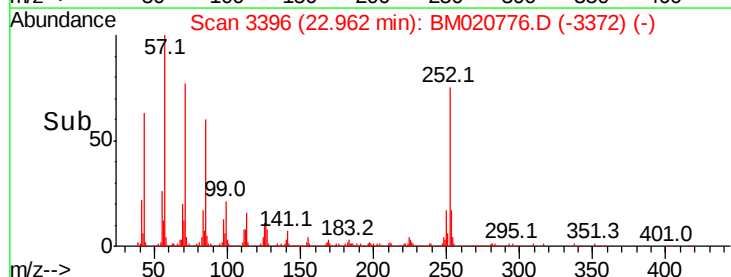
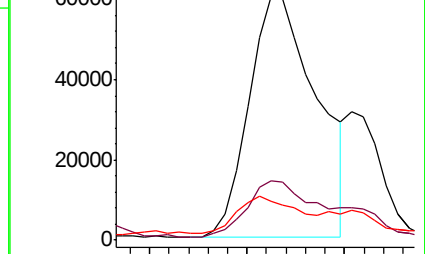
125 16.2 7.3 10.9#

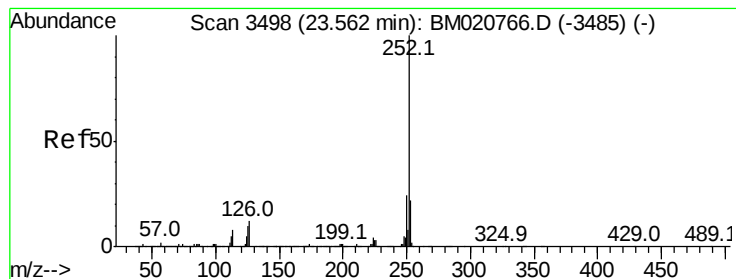


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.032 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020776.D

Acq: 06 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 87434

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.6

125 15.9 8.2 12.4#

