

Data File : BM023766.D
Acq On : 15 Nov 2019 23:01
Operator : JU
Sample : K5699-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2J02

Quant Time: Nov 16 03:21:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 16 03:18:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	309115	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1285937	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	827776	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1784214	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1816749	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2172322	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	53200	7.09	ng/uL	0.00
5) Phenol-d5	6.72	99	170002	6.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	436123	26.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	494789	24.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	317717	14.13	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	285567	31.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	318484	32.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	649858	29.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	10155	0.42	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	2031897	31.48	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2288944	31.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	53052	4.81	ng/ul	0.14
58) Fluorene-d10	15.18	176	1733623	30.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	290764	28.17	ng/ul	0.00
71) Anthracene-d10	17.03	188	2745539	32.44	ng/ul	0.00
79) Pyrene-d10	19.33	212	3126627	33.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3717243	32.52	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.74	94	37969	1.308	ng/ul	95
28) Naphthalene	10.35	128	88621	1.311	ng/ul	99
45) Dimethylphthalate	13.65	163	418830	6.621	ng/ul	99
77) Fluoranthene	19.00	202	126681	1.203	ng/ul	99
80) Pyrene	19.36	202	192678	1.641	ng/ul	98
88) Benzo(b)fluoranthene	22.65	252	287172	2.074	ng/ul#	98
89) Benzo(k)fluoranthene	22.65	252	287172	2.153	ng/ul#	96

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

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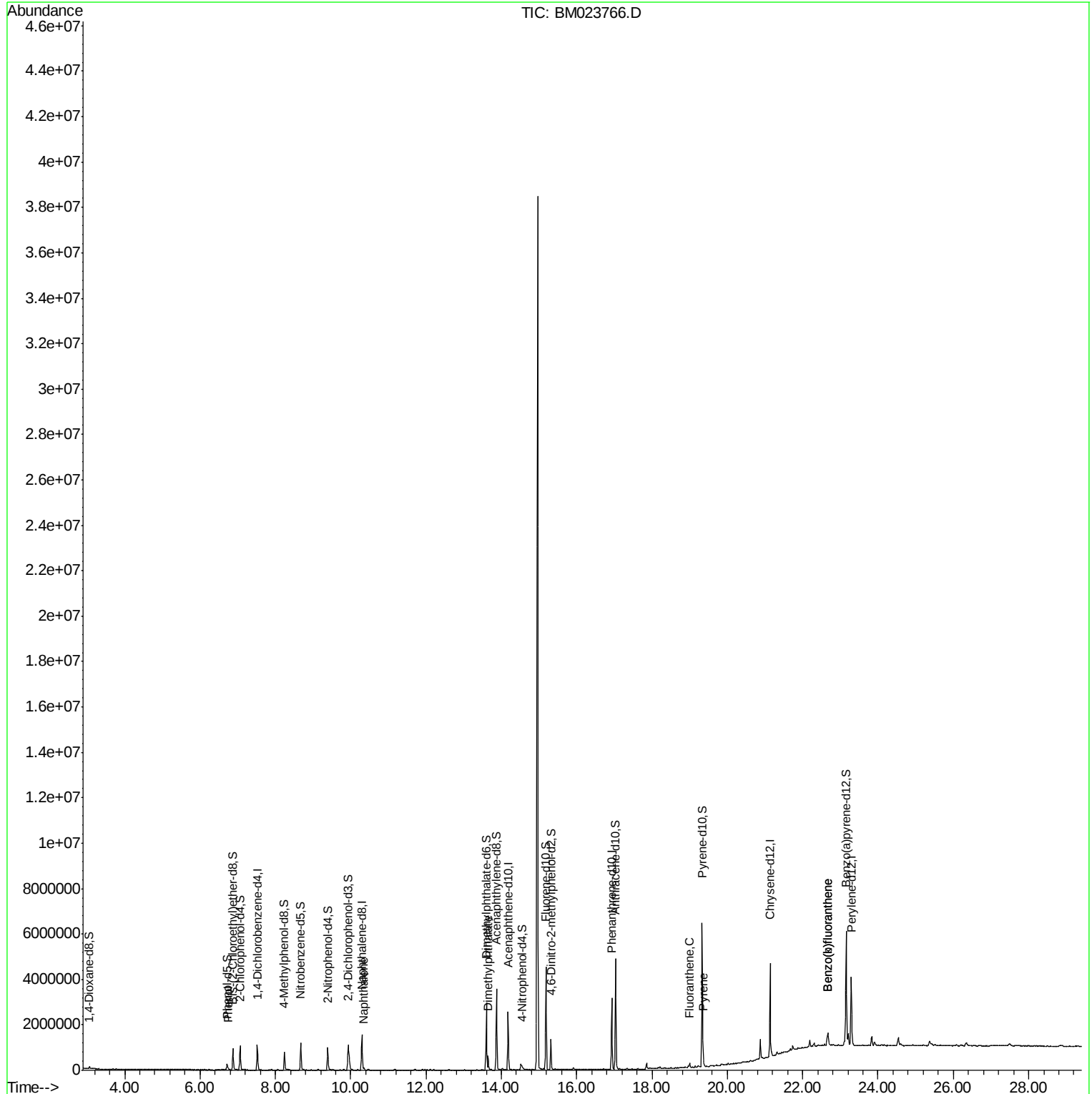
Quant Time: Nov 16 03:21:43 2019

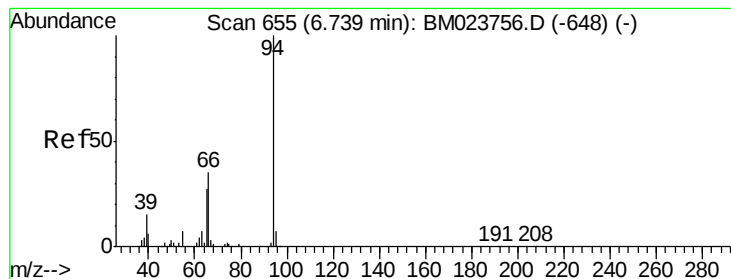
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Nov 16 03:18:12 2019

Response via : Initial Calibration





#6

Phenol

Concen: 1.308 ng/ul

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

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Acq: 15 Nov 2019 23:01

Instrument :

BNA_M

ClientSampleId :

F2J02

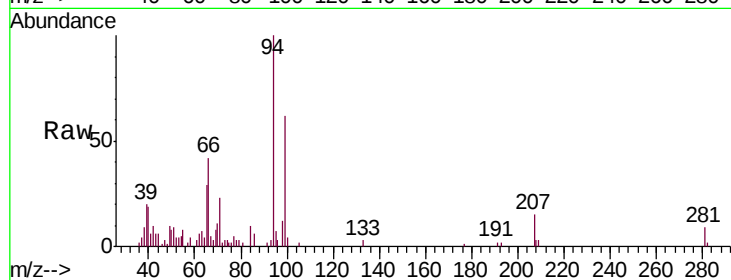
Tgt Ion: 94 Resp: 37969

Ion Ratio Lower Upper

94 100

65 28.9 21.4 32.2

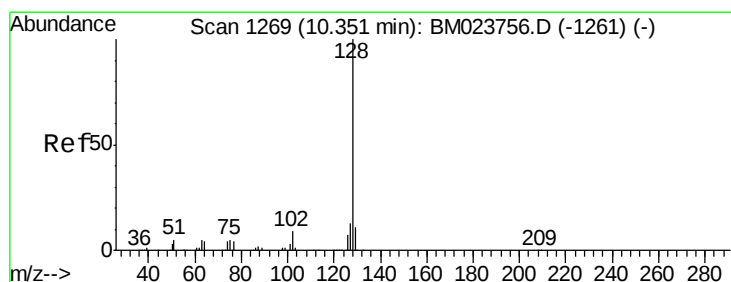
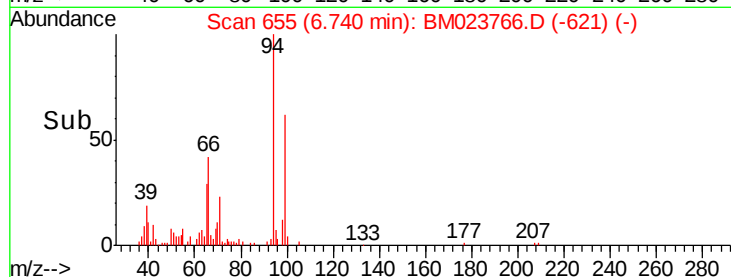
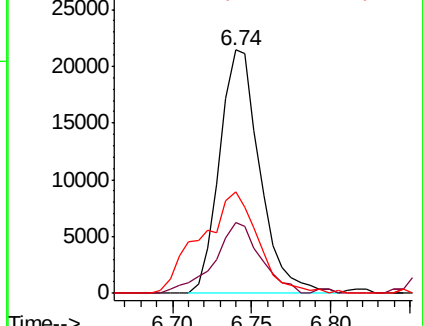
66 41.9 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023756.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM023756.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM023756.D (-648) (-)



#28

Naphthalene

Concen: 1.311 ng/ul

RT: 10.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM023766.D

Acq: 15 Nov 2019 23:01

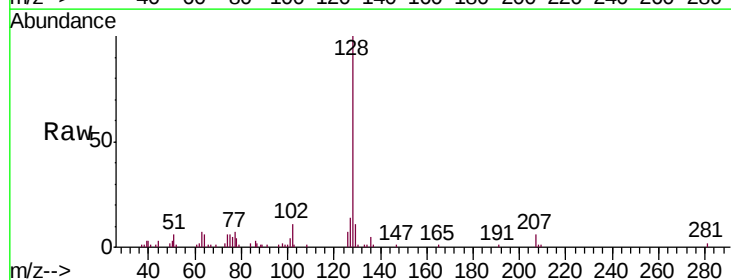
Tgt Ion: 128 Resp: 88621

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

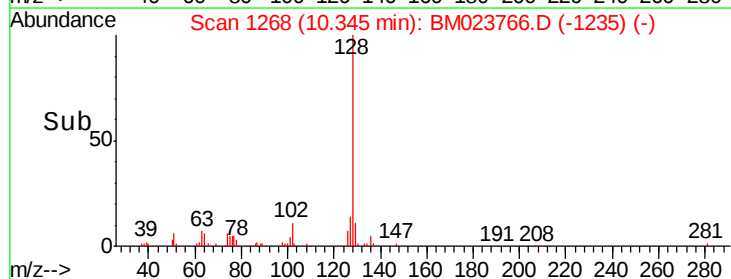
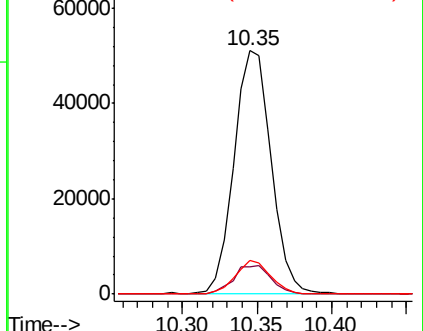
127 13.7 10.6 16.0

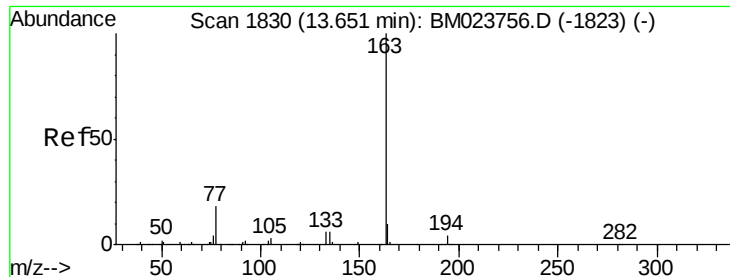


Abundance Ion 128.00 (127.70 to 128.70): BM023756.D (-1261) (-)

Ion 129.00 (128.70 to 129.70): BM023756.D (-1261) (-)

Ion 127.00 (126.70 to 127.70): BM023756.D (-1261) (-)

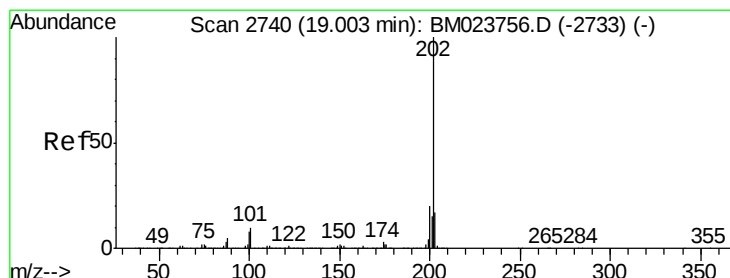
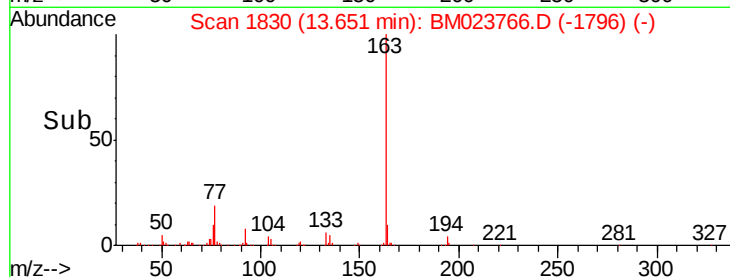
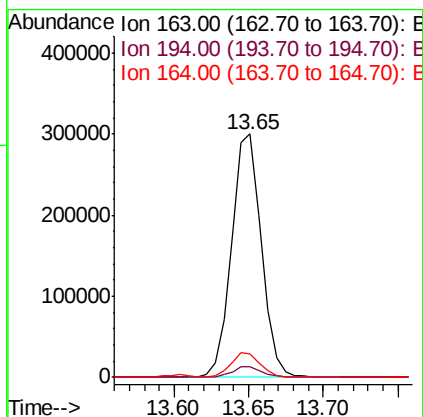
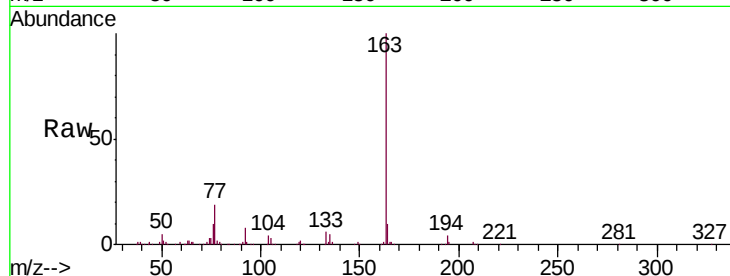




#45
Dimethylphthalate
Concen: 6.621 ng/ul
RT: 13.65 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BM023766.D
Acq: 15 Nov 2019 23:01

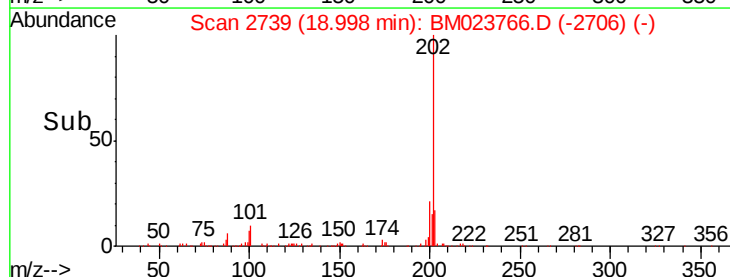
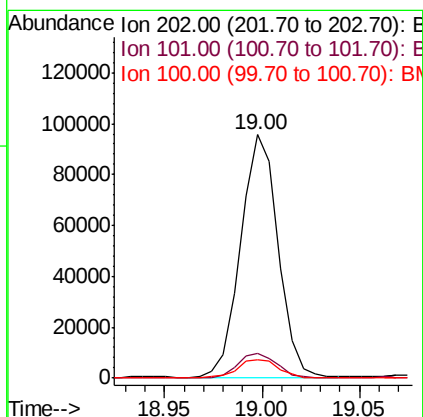
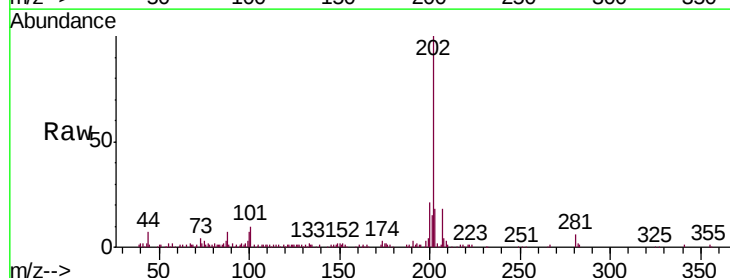
Instrument :
BNA_M
ClientSampleId :
F2J02

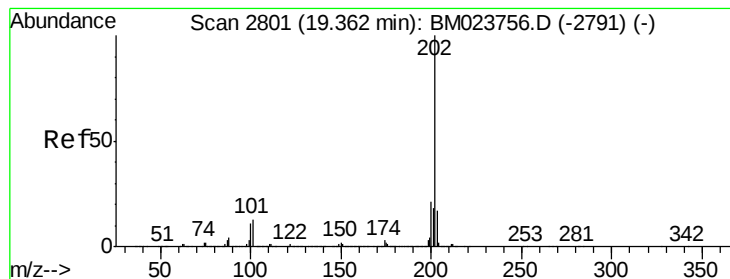
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.6	8.0	12.0



#77
Fluoranthene
Concen: 1.203 ng/ul
RT: 19.00 min Scan# 2739
Delta R.T. -0.01 min
Lab File: BM023766.D
Acq: 15 Nov 2019 23:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.7	11.5
100	7.4	6.0	9.0





#80

Pyrene

Concen: 1.641 ng/ul

RT: 19.36 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BM023766.D

Acq: 15 Nov 2019 23:01

Instrument :

BNA_M

ClientSampleId :

F2J02

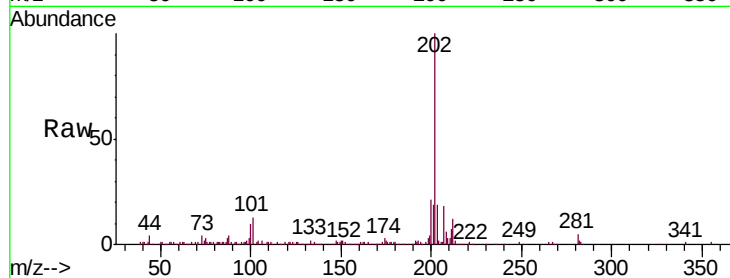
Tgt Ion:202 Resp: 192678

Ion Ratio Lower Upper

202 100

101 13.1 9.8 14.6

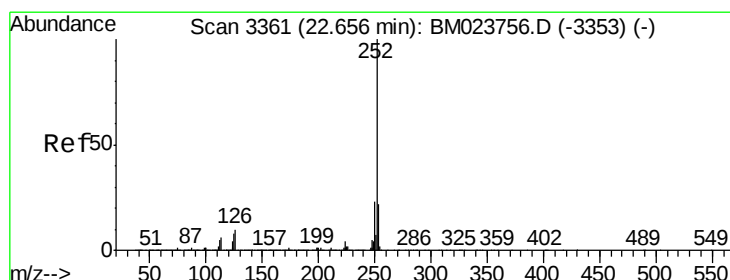
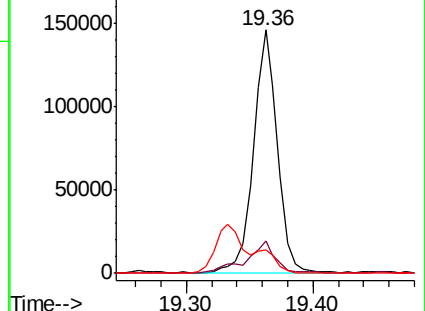
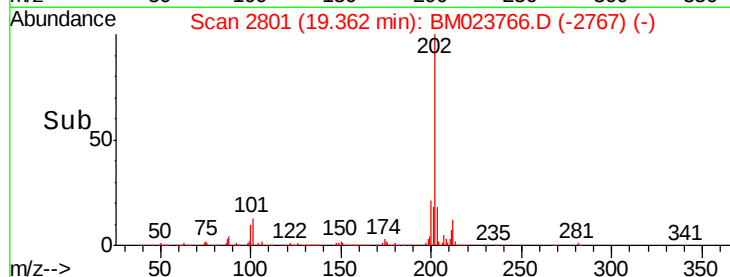
100 9.9 8.1 12.1



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



#88

Benzo(b)fluoranthene

Concen: 2.074 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM023766.D

Acq: 15 Nov 2019 23:01

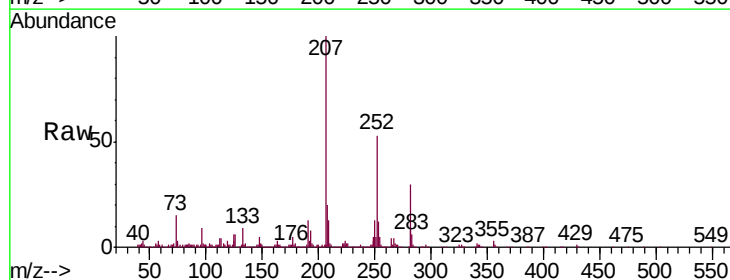
Tgt Ion:252 Resp: 287172

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

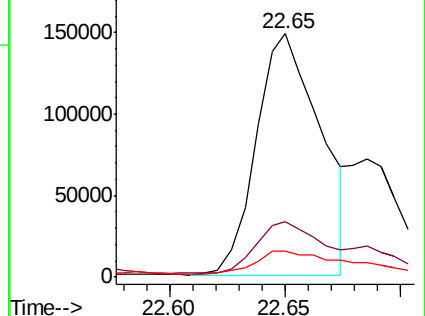
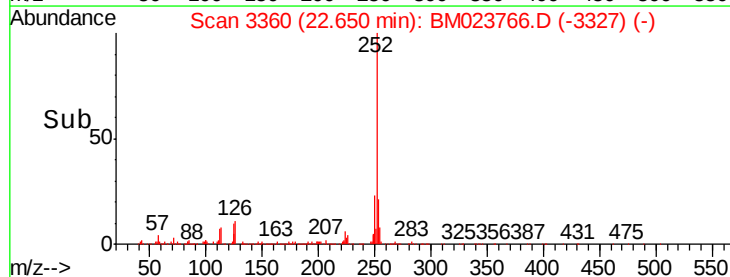
125 10.6 6.5 9.7#

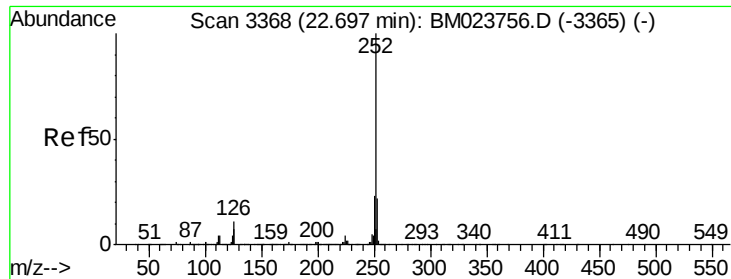


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.153 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. -0.05 min

Lab File: BM023766.D

Acq: 15 Nov 2019 23:01

Instrument :

BNA_M

ClientSampleId :

F2J02

Tgt Ion:	252	Resp:	287172
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	10.6	5.9	8.9#

