

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
 Data File : BM023796.D
 Acq On : 19 Nov 2019 14:37
 Operator : JU
 Sample : K5748-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY4

Quant Time: Nov 19 15:18:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 19 12:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	315842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1281059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	776012	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1645157	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1735139	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2086184	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	40879	5.34	ng/uL	0.00
5) Phenol-d5	6.71	99	194196	6.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	510921	30.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	528339	25.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	354569	15.44	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	311648	33.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	336619	34.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	618406	28.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	30428	1.26	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	2083318	34.43	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2351338	34.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	47491	4.60	ng/ul	0.00
58) Fluorene-d10	15.17	176	1780164	33.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	278242	29.24	ng/ul	0.00
71) Anthracene-d10	17.03	188	2808259	35.98	ng/ul	0.00
79) Pyrene-d10	19.33	212	3216870	35.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	4006263	36.49	ng/ul	0.00

Target Compounds

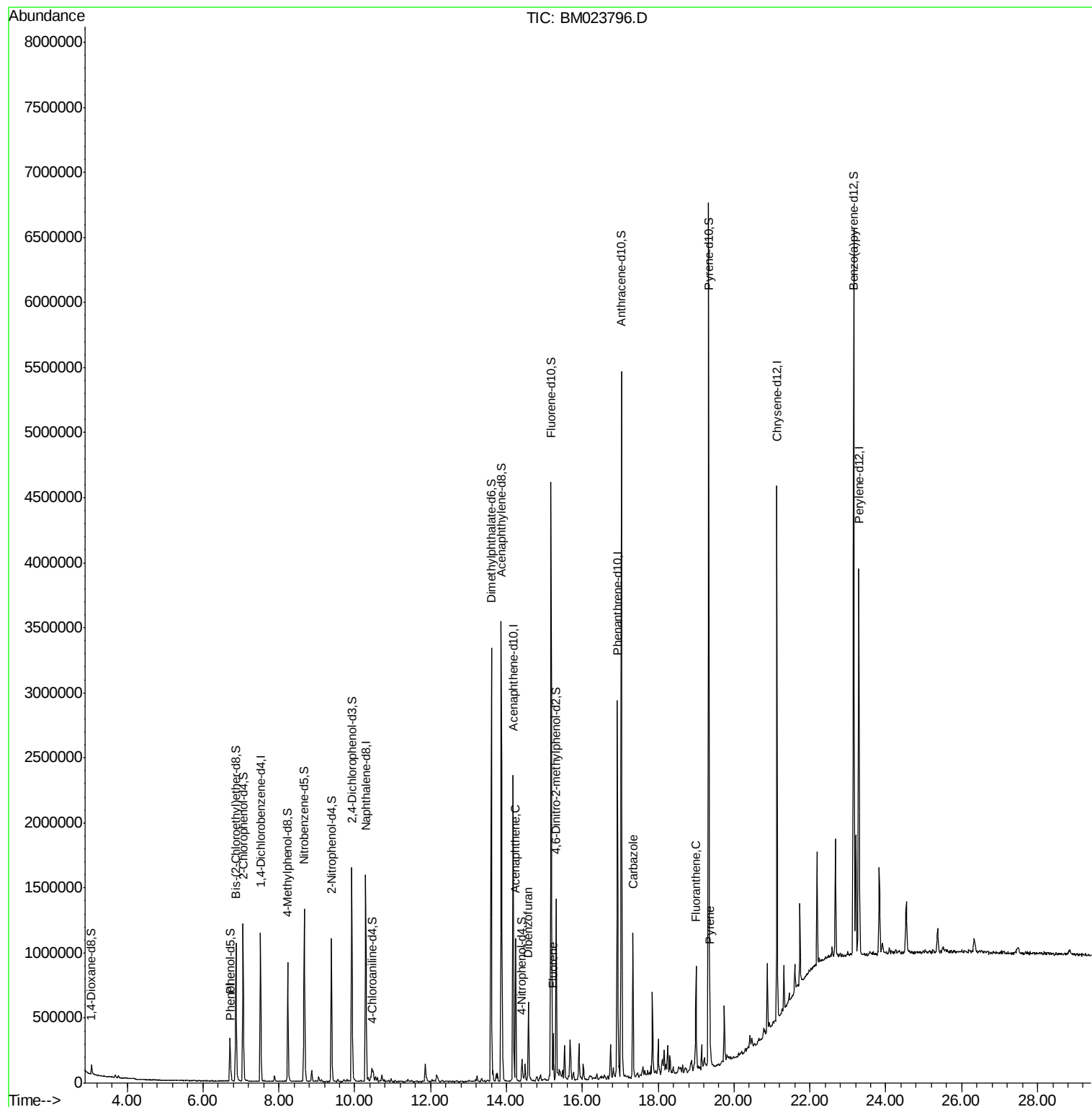
					Ovalue
6) Phenol	6.73	94	36553	1.232	ng/ul 97
50) Acenaphthene	14.24	153	417633	8.464	ng/ul 100
54) Dibenzofuran	14.58	168	379344	5.194	ng/ul 97
59) Fluorene	15.23	166	150025	2.532	ng/ul# 94
75) Carbazole	17.33	167	665126	8.757	ng/ul 99
77) Fluoranthene	19.00	202	459907	4.737	ng/ul 97
80) Pyrene	19.36	202	284263	2.535	ng/ul 98

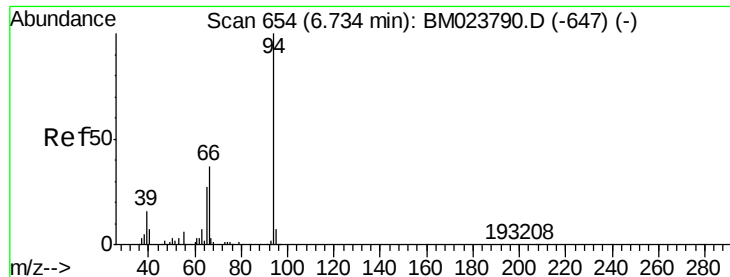
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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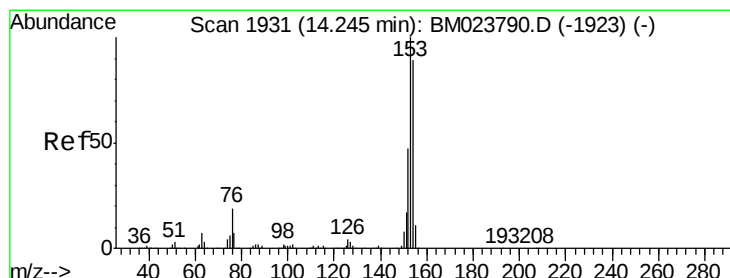
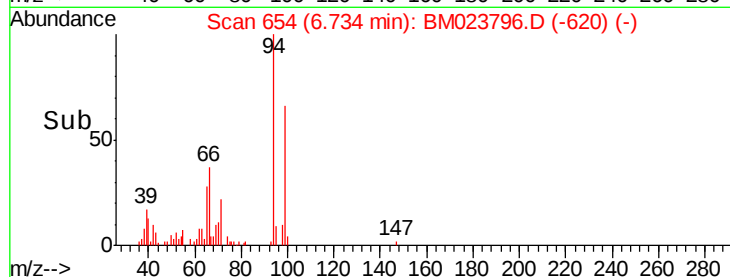
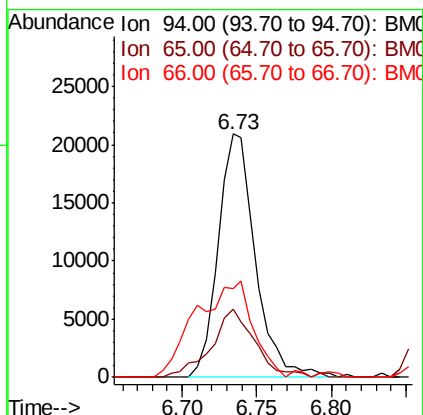
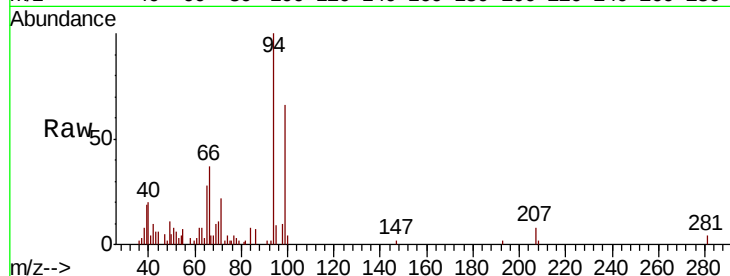
#6

Phenol

Concen: 1.232 ng/ul
 RT: 6.73 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BM023796.D
 Acq: 19 Nov 2019 14:37

Instrument :
 BNA_M
 ClientSampled :
 BEGY4

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.0	21.4	32.2
66	36.6	30.7	46.1

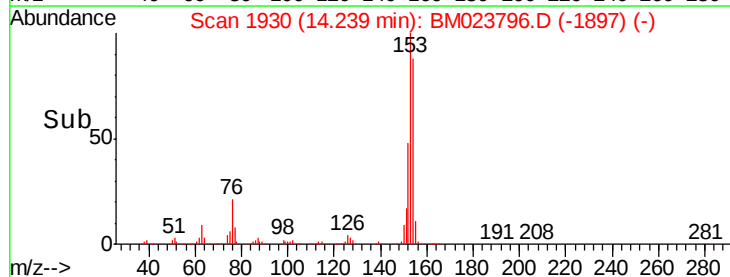
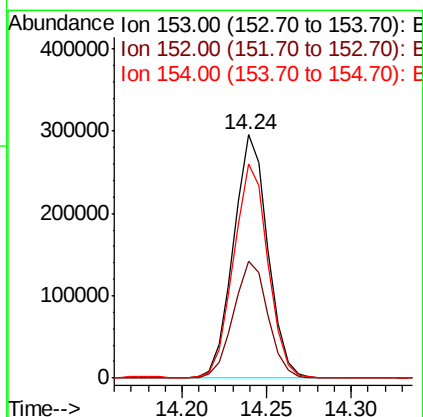
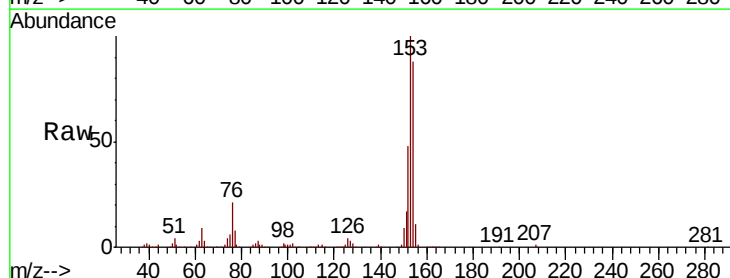


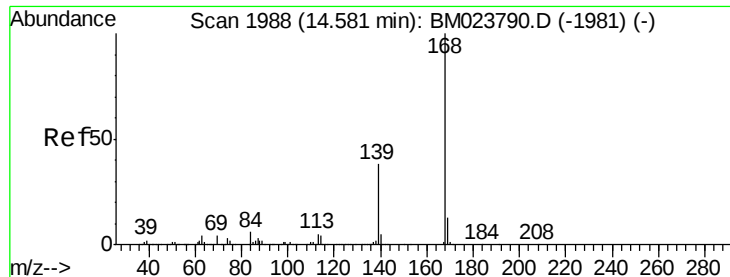
#50

Acenaphthene

Concen: 8.464 ng/ul
 RT: 14.24 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM023796.D
 Acq: 19 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.7	56.5
154	88.1	70.6	106.0





#54

Dibenzofuran

Concen: 5.194 ng/ul

RT: 14.58 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BM023796.D

Acq: 19 Nov 2019 14:37

Instrument :

BNA_M

ClientSampleId :

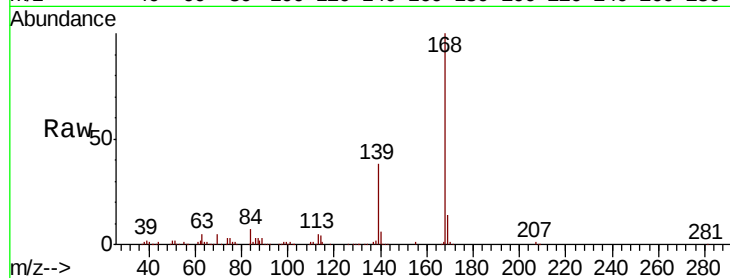
BEGY4

Tot Ion:168 Resp: 379344

Ion Ratio Lower Upper

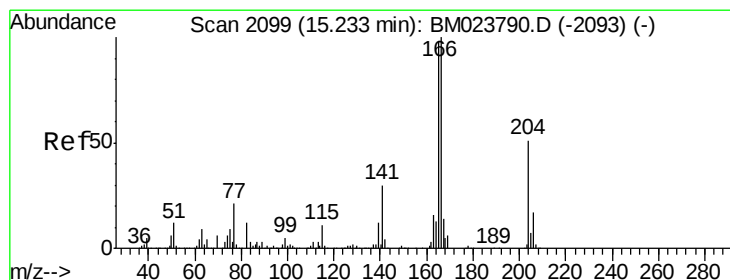
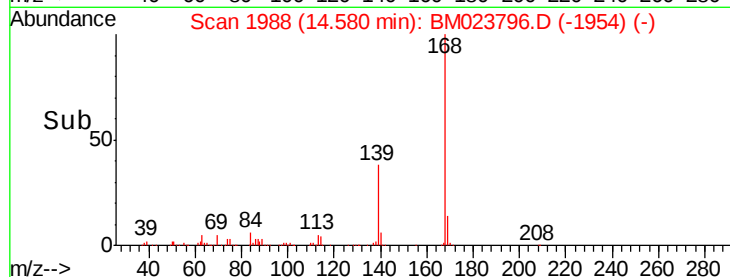
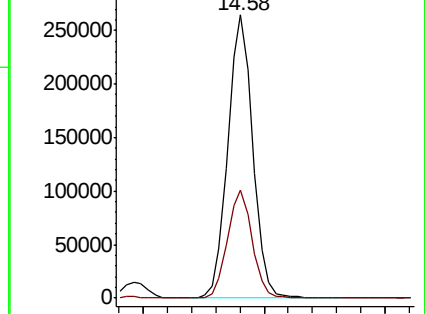
168 100

139 38.2 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.532 ng/ul

RT: 15.23 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BM023796.D

Acq: 19 Nov 2019 14:37

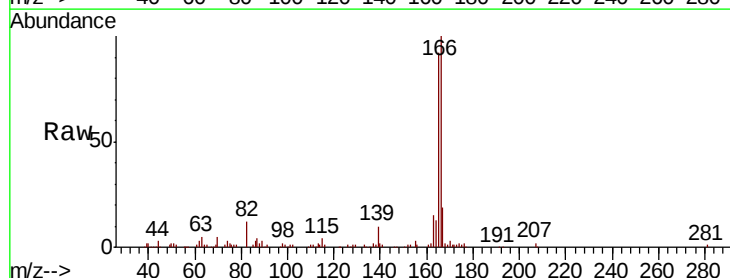
Tgt Ion:166 Resp: 150025

Ion Ratio Lower Upper

166 100

165 91.7 77.2 115.8

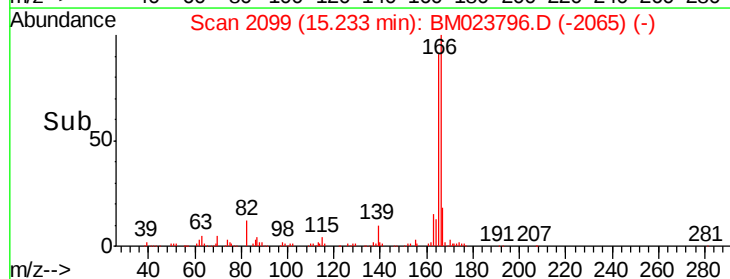
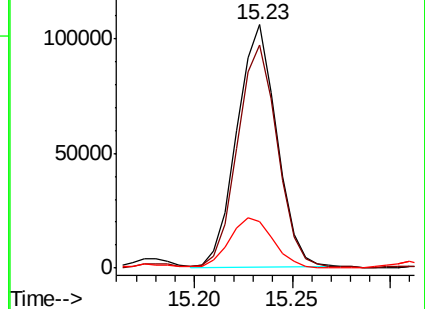
167 18.9 10.9 16.3#

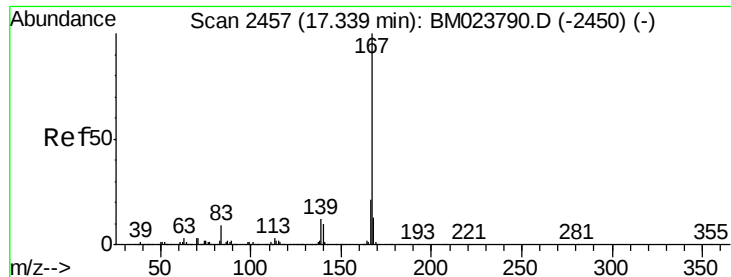


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#75

Carbazole

Concen: 8.757 ng/ul

RT: 17.33 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BM023796.D

Acq: 19 Nov 2019 14:37

Instrument :

BNA_M

ClientSampleId :

BEGY4

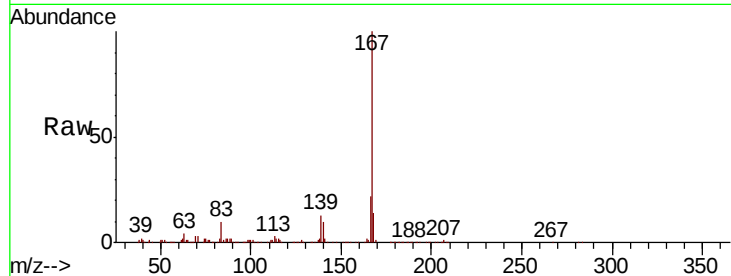
Tot Ion:167 Resp: 665126

Ion Ratio Lower Upper

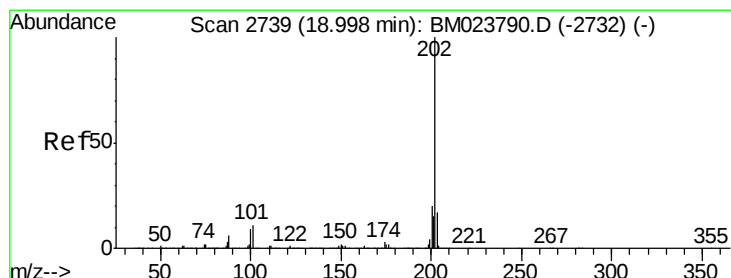
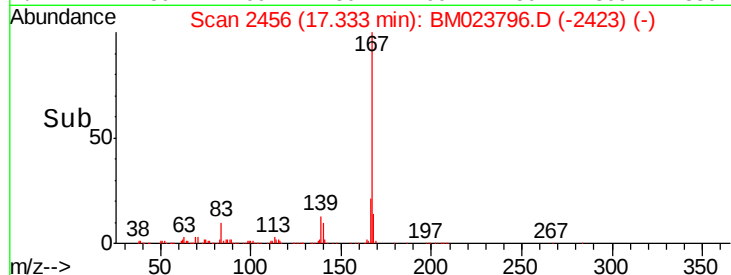
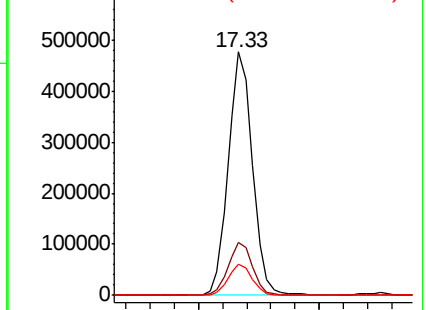
167 100

166 21.5 17.1 25.7

139 12.9 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 4.737 ng/ul

RT: 19.00 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM023796.D

Acq: 19 Nov 2019 14:37

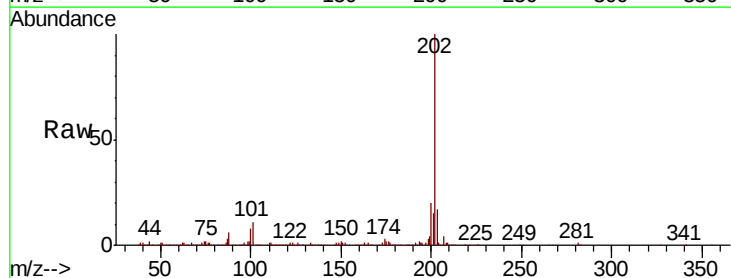
Tgt Ion:202 Resp: 459907

Ion Ratio Lower Upper

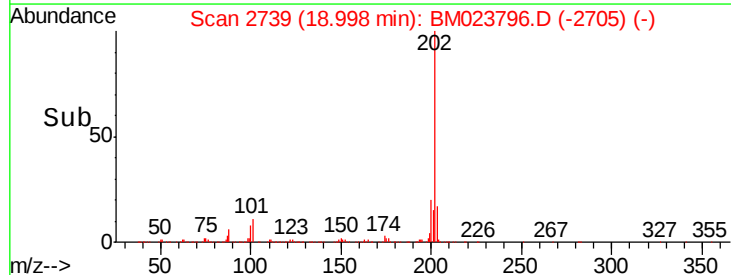
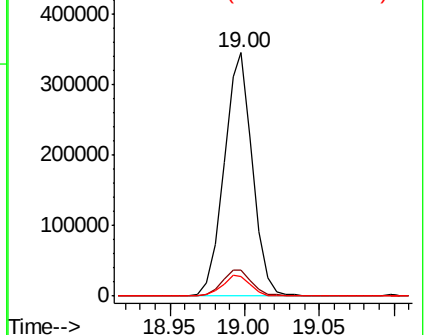
202 100

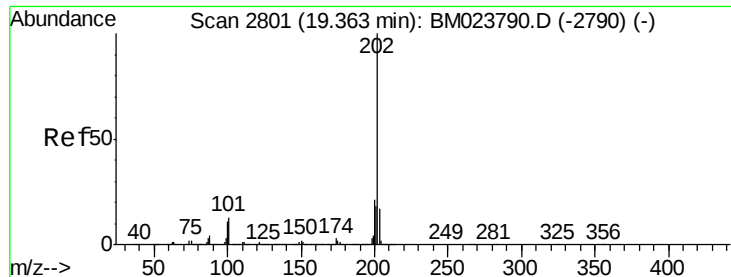
101 10.9 7.7 11.5

100 8.1 6.0 9.0



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





#80
 Pvrene
 Concen: 2.535 ng/ul
 RT: 19.36 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM023796.D
 Acq: 19 Nov 2019 14:37

Instrument :
 BNA_M
 ClientSampleId :
 BEGY4

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
100	11.1	8.1	12.1

