

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003660.D
 Acq On : 20 Dec 2015 18:28
 Operator : UM/SJ
 Sample : G4867-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA3

Quant Time: Dec 21 02:24:13 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:19:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	17475	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	88590	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	58480	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	151235	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	210503	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	211284	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.87	99	11838	8.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	27288	34.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	35314	29.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	25663	20.12	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	23449	36.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	27022	37.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	46366	35.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1997	1.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	183028	37.87	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	213622	38.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	6864	7.29	ng/ul	0.00
58) Fluorene-d10	15.34	176	160191	40.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29647	34.78	ng/ul	0.00
71) Anthracene-d10	17.20	188	270804	39.35	ng/ul	0.00
79) Pyrene-d10	19.50	212	336603	36.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	411116	39.17	ng/ul	0.00

Target Compounds

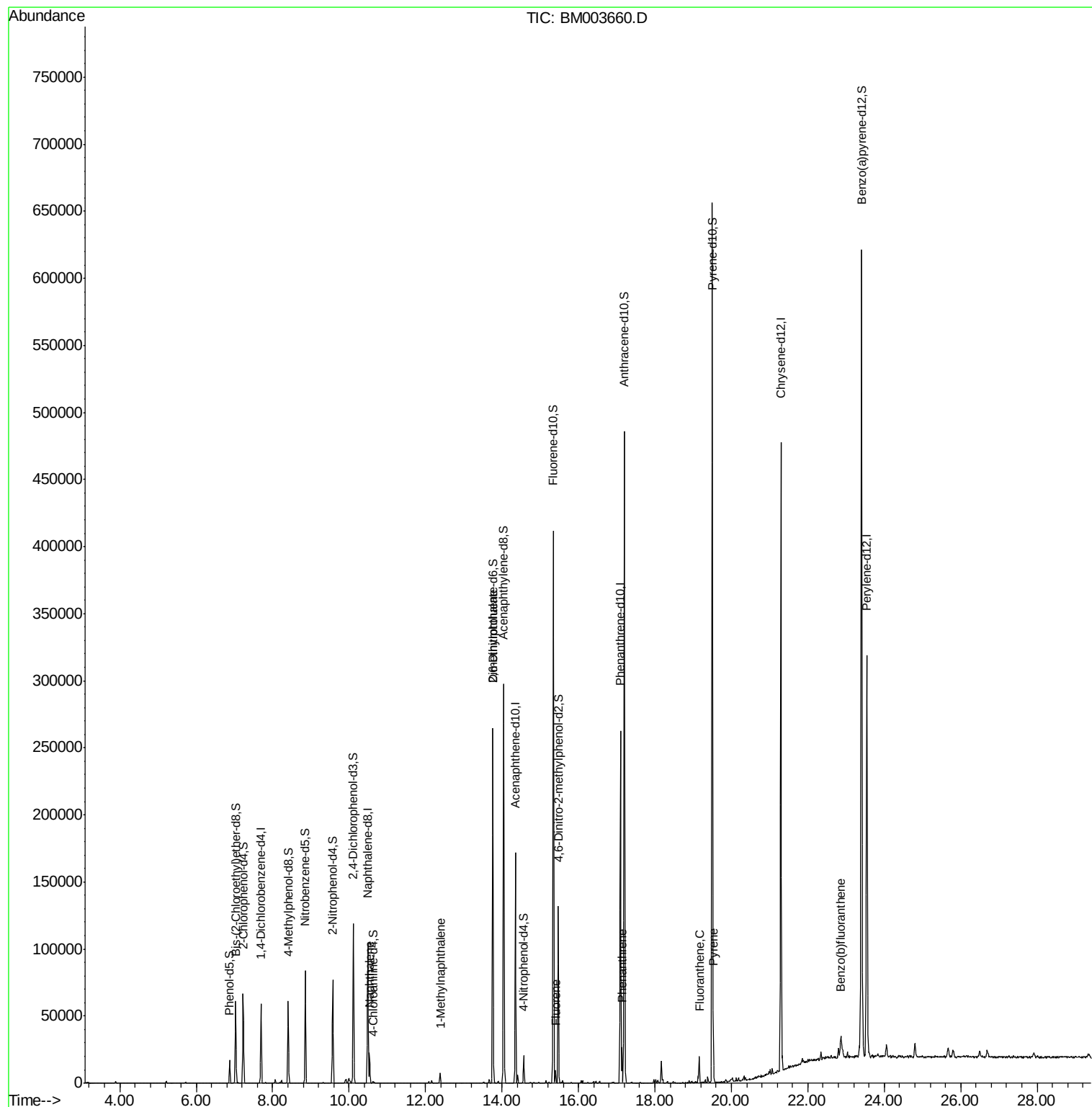
						Ovalue
28) Naphthalene	10.53	128	21372	4.68	ng/ul	99
35) 1-Methylnaphthalene	12.38	142	4829	1.49	ng/ul#	91
46) 2,6-Dinitrotoluene	13.76	165	1113	1.16	ng/ul#	34
59) Fluorene	15.40	166	5081	1.10	ng/ul	100
70) Phenanthrene	17.14	178	17487	2.09	ng/ul	99
77) Fluoranthene	19.16	202	13140	1.37	ng/ul	98
80) Pyrene	19.53	202	21362	1.76	ng/ul	99
88) Benzo(b)fluoranthene	22.87	252	13086	1.03	ng/ul	95

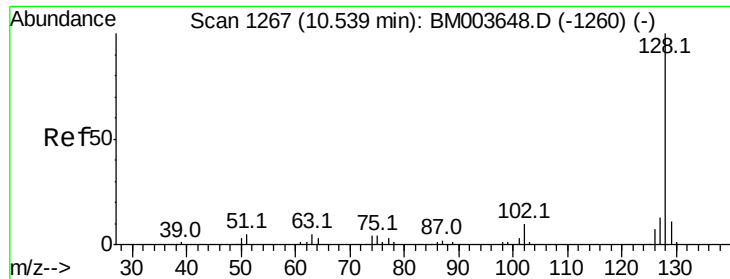
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 4.68 ng/ul

RT: 10.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM003660.D

Acq: 20 Dec 2015 18:28

Instrument :

BNA_M

ClientSampleId :

G9DA3

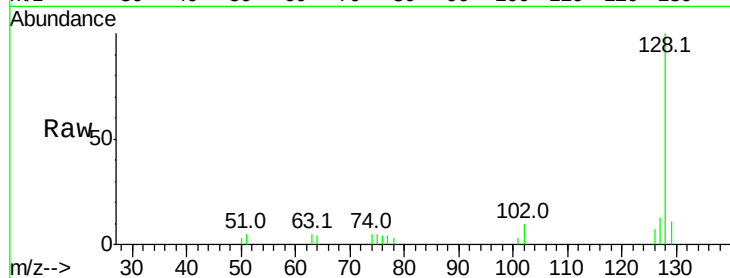
Tot Ion:128 Resp: 21372

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

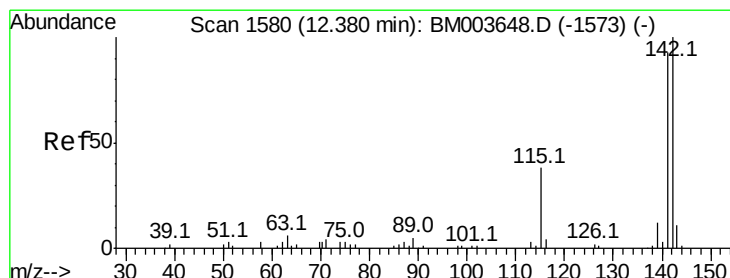
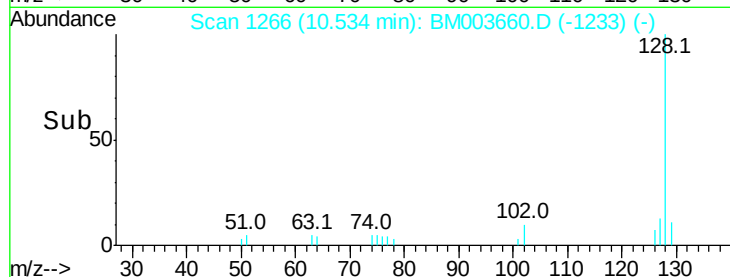
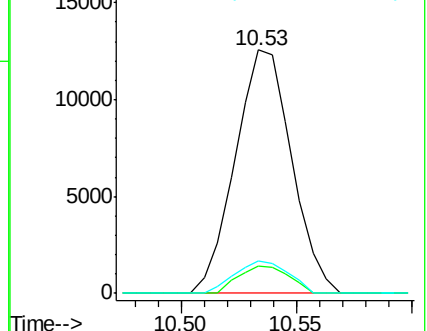
127 13.4 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#35

1-Methylnaphthalene

Concen: 1.49 ng/ul

RT: 12.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM003660.D

Acq: 20 Dec 2015 18:28

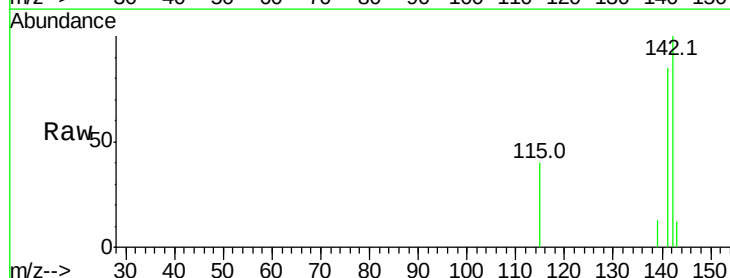
Tgt Ion:142 Resp: 4829

Ion Ratio Lower Upper

142 100

141 84.8 74.9 112.3

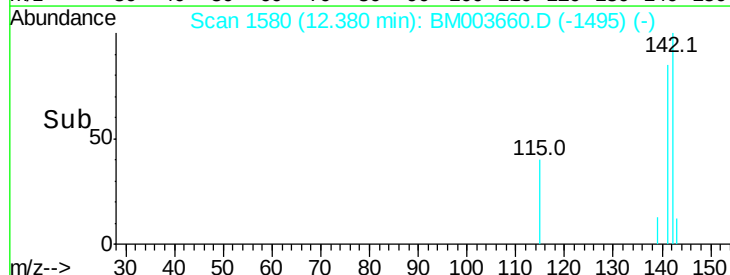
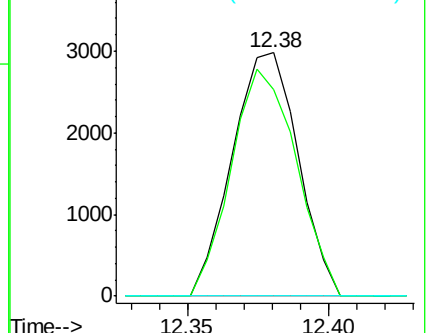
116 0.0 3.1 4.7#

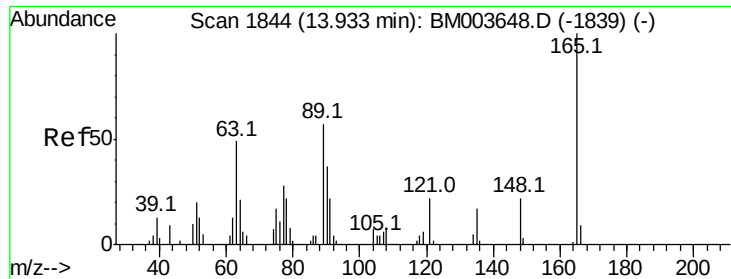


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

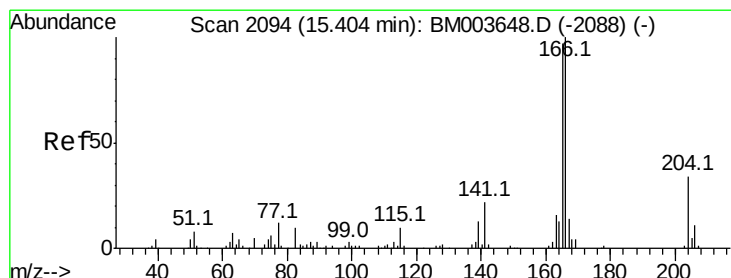
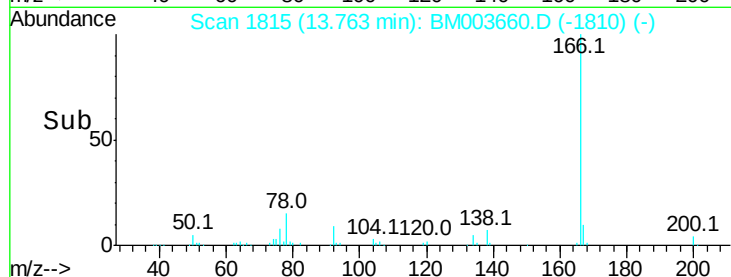
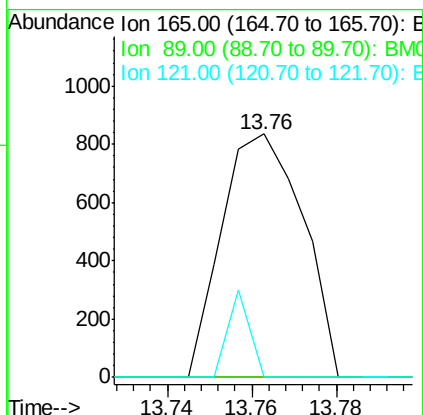
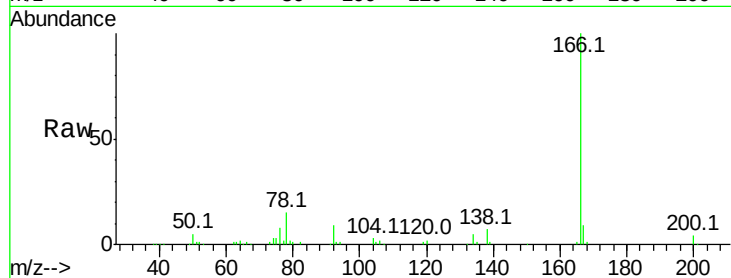




#46
 2,6-Dinitrotoluene
 Concen: 1.16 ng/ul
 RT: 13.76 min Scan# 1815
 Delta R.T. -0.17 min
 Lab File: BM003660.D
 Acq: 20 Dec 2015 18:28

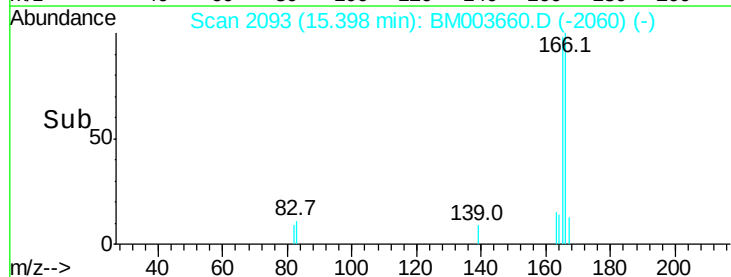
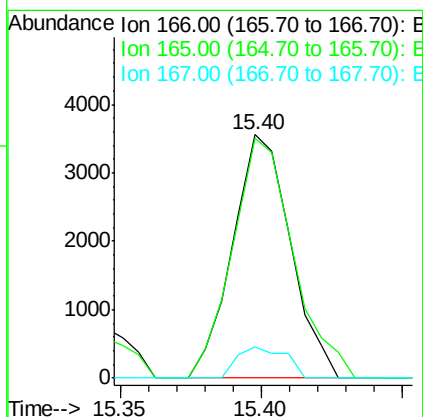
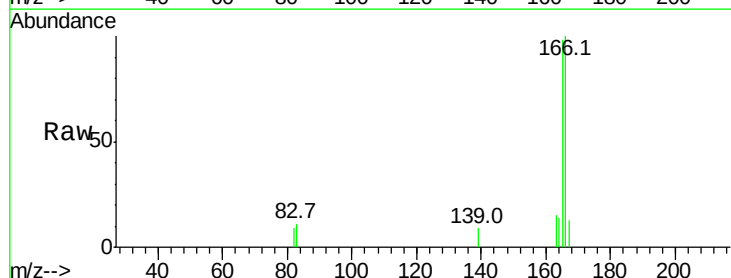
Instrument :
 BNA_M
 ClientSampled :
 G9DA3

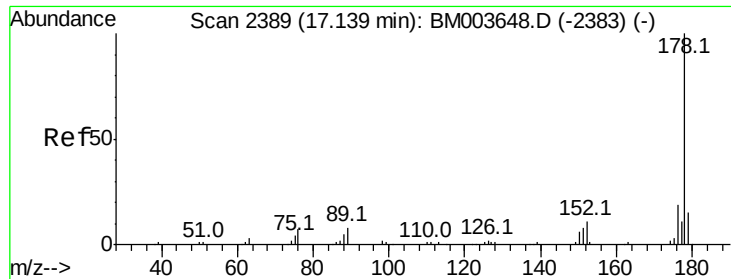
Tot Ion:165 Resp: 1113
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 0.0 16.6 24.8#



#59
 Fluorene
 Concen: 1.10 ng/ul
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BM003660.D
 Acq: 20 Dec 2015 18:28

Tgt Ion:166 Resp: 5081
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.5 117.7
 167 12.6 10.7 16.1





#70

Phenanthrene

Concen: 2.09 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM003660.D

Acq: 20 Dec 2015 18:28

Instrument :

BNA_M

ClientSampleId :

G9DA3

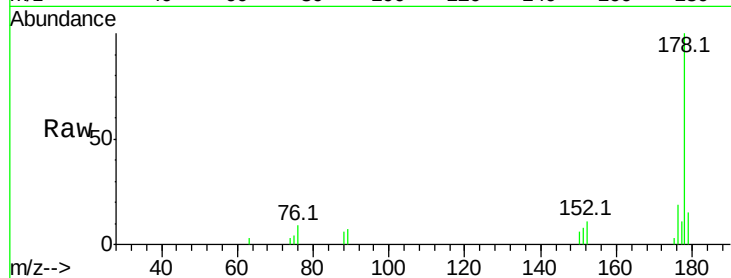
Tot Ion:178 Resp: 17487

Ion Ratio Lower Upper

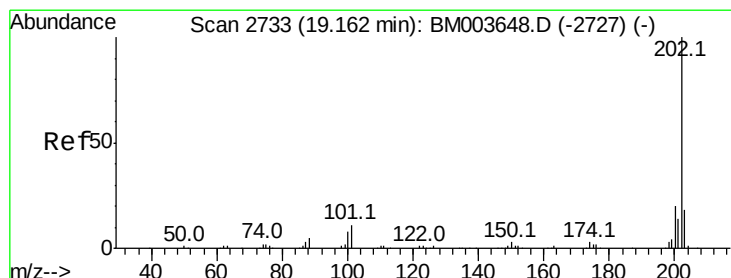
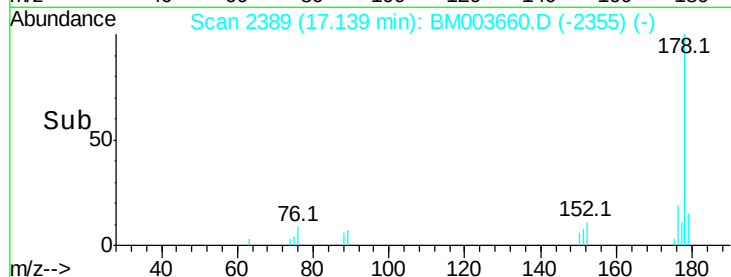
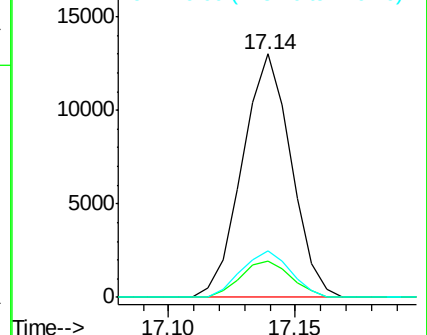
178 100

179 14.7 12.2 18.4

176 19.2 15.6 23.4



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



#77

Fluoranthene

Concen: 1.37 ng/ul

RT: 19.16 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM003660.D

Acq: 20 Dec 2015 18:28

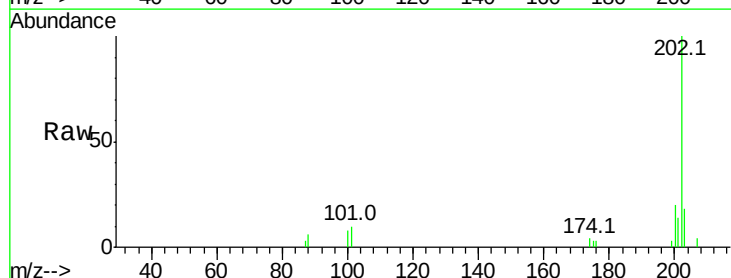
Tgt Ion:202 Resp: 13140

Ion Ratio Lower Upper

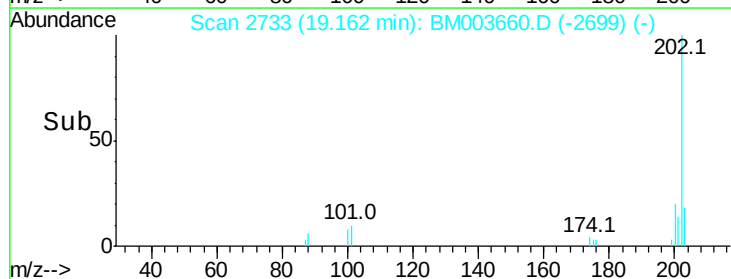
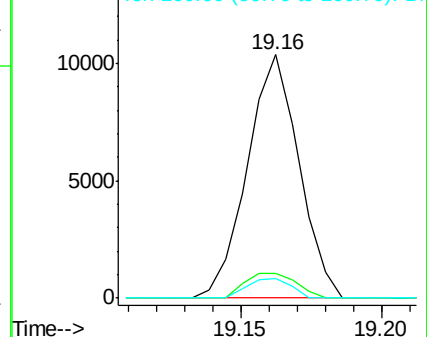
202 100

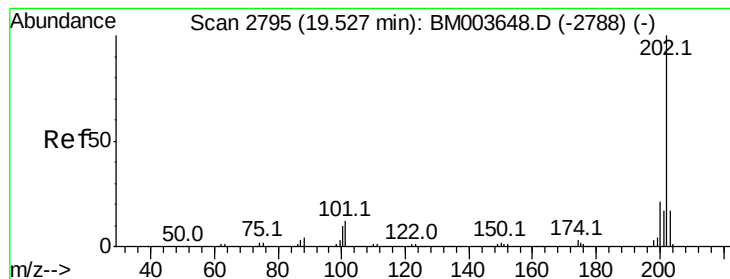
101 10.0 8.8 13.2

100 8.3 6.6 9.8



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





#80

Pvrene

Concen: 1.76 ng/ul

RT: 19.53 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM003660.D

Acq: 20 Dec 2015 18:28

Instrument :

BNA_M

ClientSampleId :

G9DA3

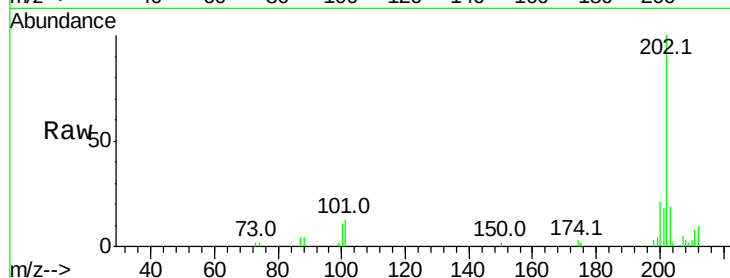
Tot Ion:202 Resp: 21362

Ion Ratio Lower Upper

202 100

101 12.6 10.2 15.2

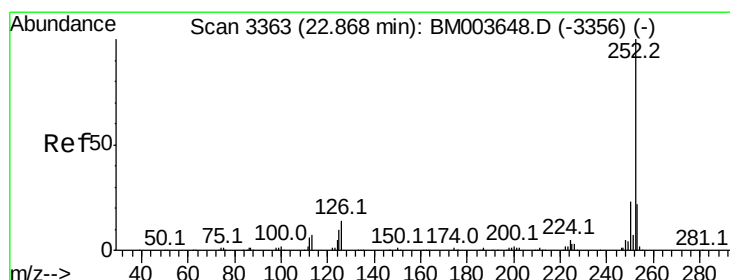
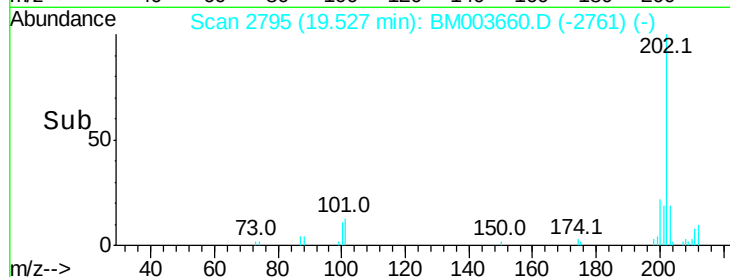
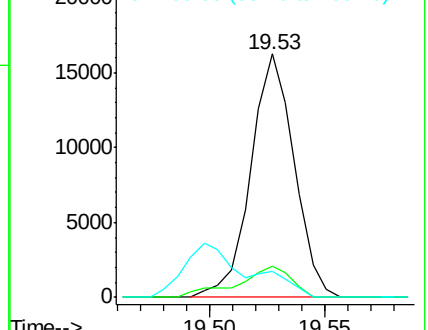
100 10.9 8.5 12.7



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: 1.03 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BM003660.D

Acq: 20 Dec 2015 18:28

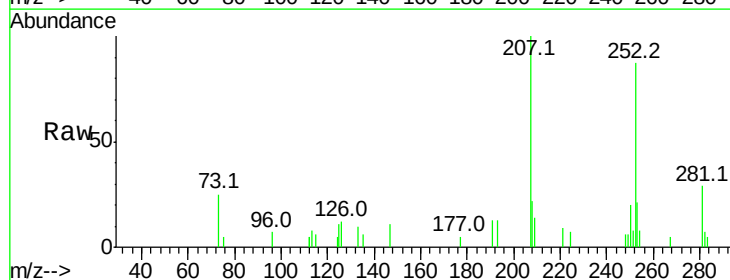
Tgt Ion:252 Resp: 13086

Ion Ratio Lower Upper

252 100

253 24.4 17.5 26.3

125 12.2 8.5 12.7



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

