

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
 Data File : BM012543.D
 Acq On : 29 Oct 2017 02:22
 Operator : SJ/JU
 Sample : I5919-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 09:18:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 09:15:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	737380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2868202	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1633566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3393402	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2969759	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	3187254	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.36	96	80937	5.61	ng/uL	0.00
5) Phenol-d5	7.03	99	1502972	24.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	1004530	27.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	1250367	27.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	1128012	21.43	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	622145	34.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	702665	37.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	1279716	26.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	1292791	25.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	3898890	27.32	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	4823420	28.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	420170	19.81	ng/ul	0.00
57) Fluorene-d10	15.49	176	3207724	26.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	420489	25.60	ng/ul	0.00
70) Anthracene-d10	17.33	188	4563035	28.22	ng/ul	0.00
76) Pyrene-d10	19.63	212	4524514	33.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4331501	28.61	ng/ul	0.00

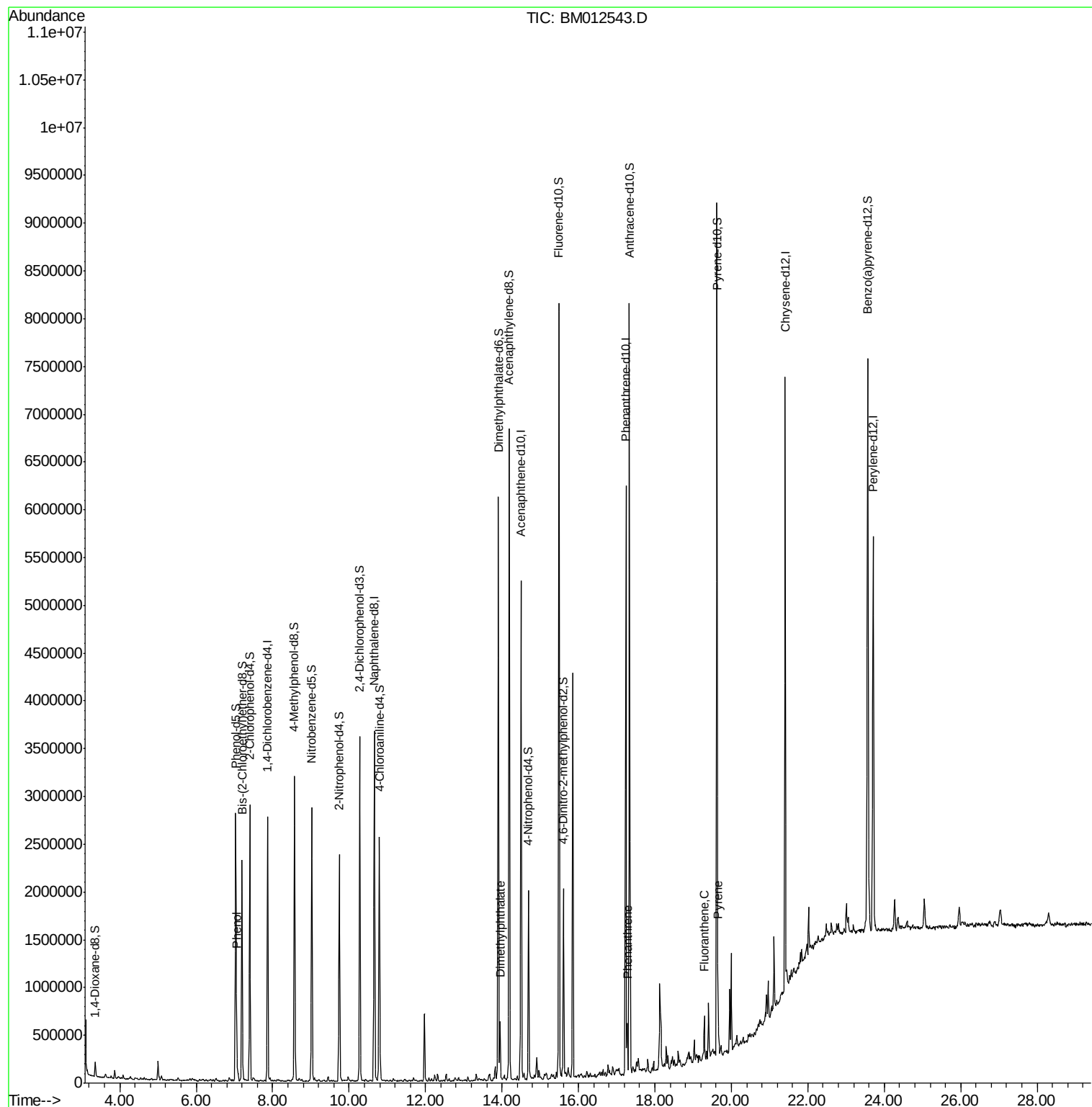
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.06	94	153948	2.40	ng/ul	88
44) Dimethylphthalate	13.95	163	368348	2.61	ng/ul	99
69) Phenanthrene	17.28	178	320262	1.75	ng/ul	100
74) Fluoranthene	19.29	202	225238	1.08	ng/ul#	92
77) Pyrene	19.65	202	231479	1.37	ng/ul#	89

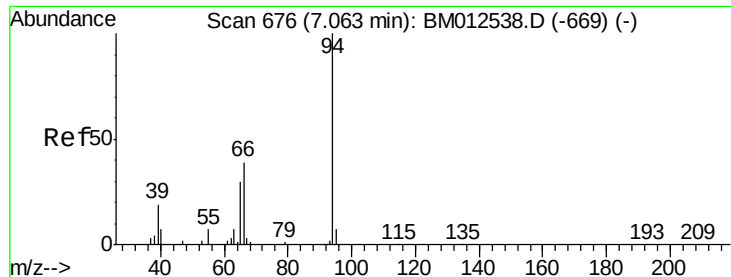
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.40 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM012543.D

Acq: 29 Oct 2017 02:22

Instrument :

BNA_M

ClientSampleId :

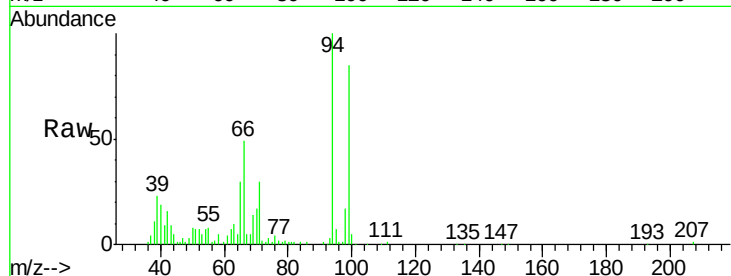
Tot Ion: 94 Resp: 153948

Ion Ratio Lower Upper

94 100

65 29.6 28.2 42.4

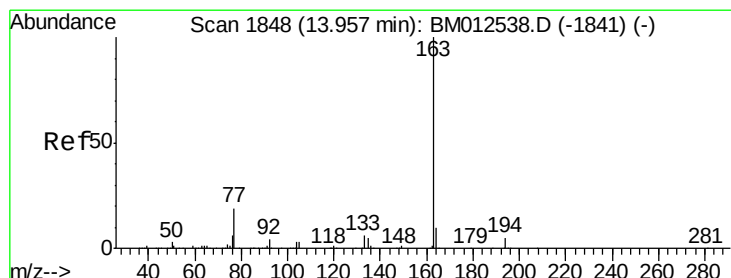
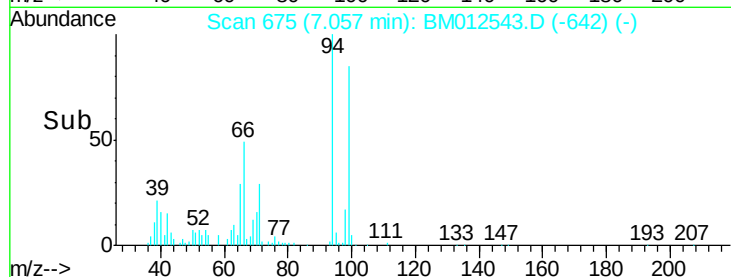
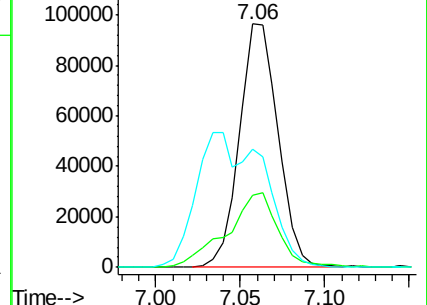
66 48.6 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012538.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012538.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012538.D (-669) (-)



#44

Dimethylphthalate

Concen: 2.61 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM012543.D

Acq: 29 Oct 2017 02:22

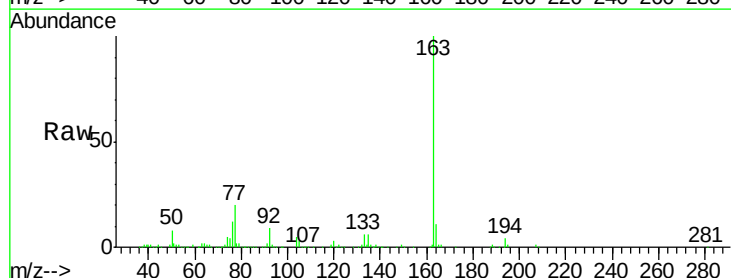
Tgt Ion: 163 Resp: 368348

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

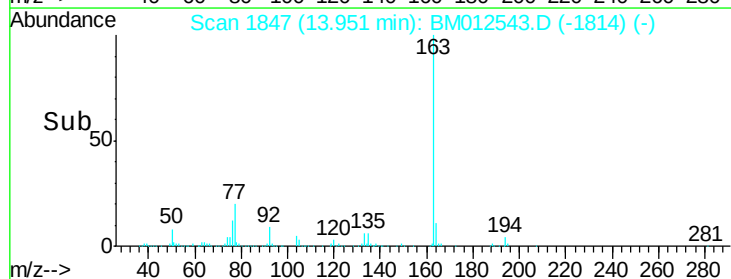
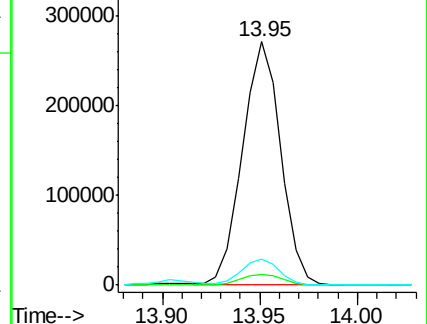
164 10.5 8.2 12.4

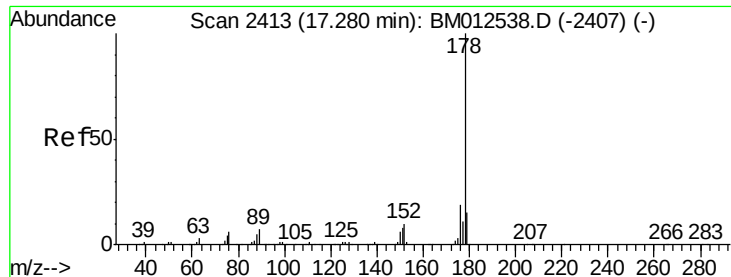


Abundance Ion 163.00 (162.70 to 163.70): BM012538.D (-1841) (-)

Ion 194.00 (193.70 to 194.70): BM012538.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BM012538.D (-1841) (-)





#69

Phenanthrene

Concen: 1.75 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM012543.D

Acq: 29 Oct 2017 02:22

Instrument :

BNA_M

ClientSampleId :

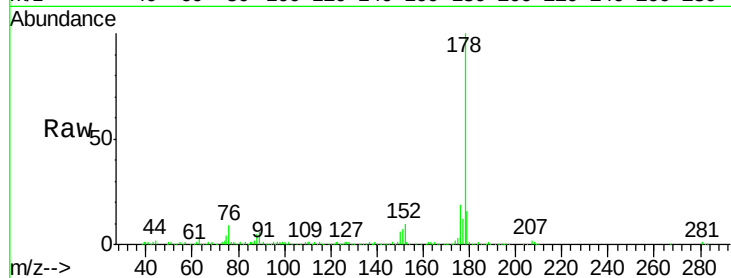
Tot Ion:178 Resp: 320262

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

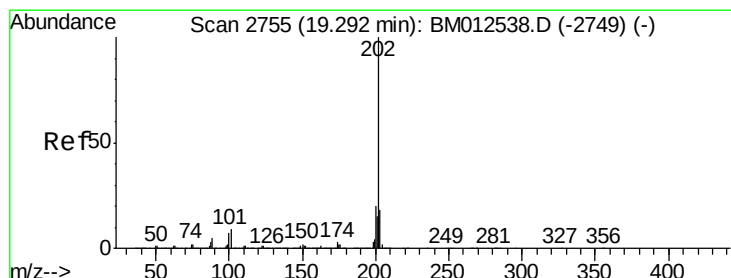
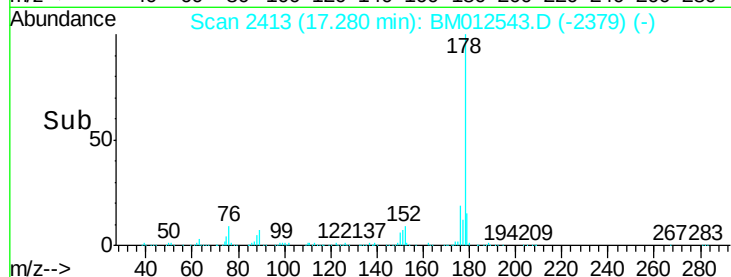
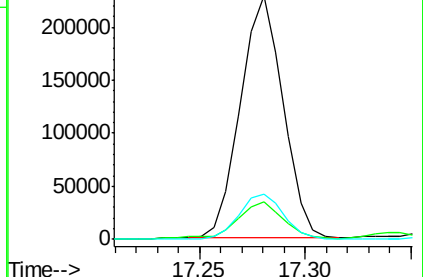
176 18.7 14.9 22.3



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



#74

Fluoranthene

Concen: 1.08 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM012543.D

Acq: 29 Oct 2017 02:22

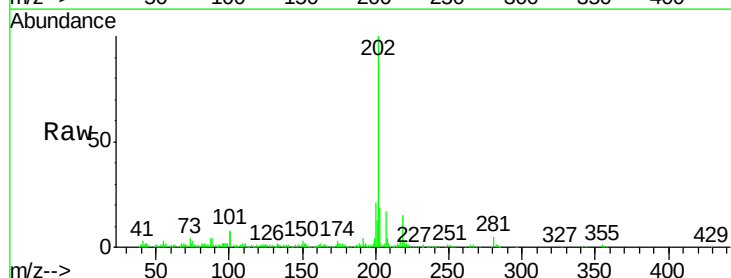
Tgt Ion:202 Resp: 225238

Ion Ratio Lower Upper

202 100

101 8.3 4.6 7.0#

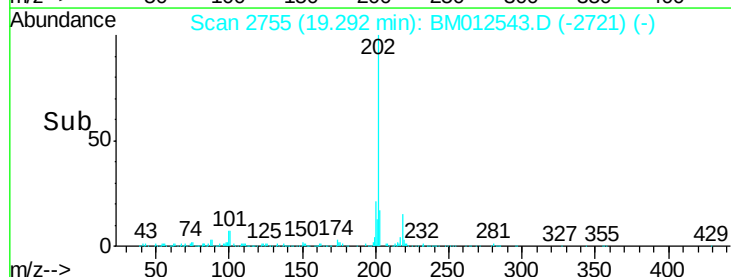
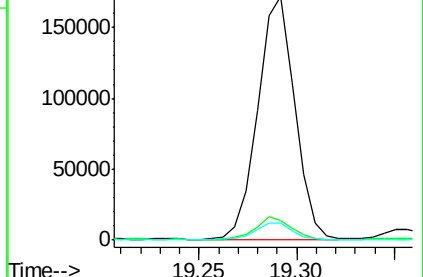
100 7.1 3.4 5.2#

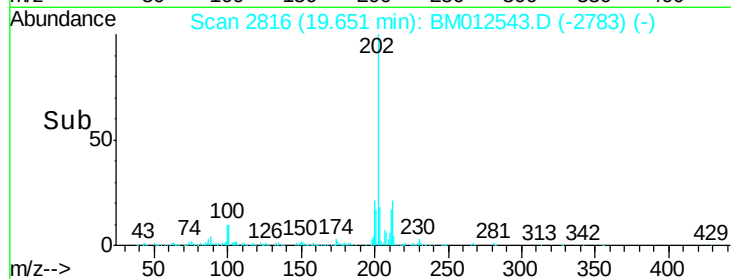
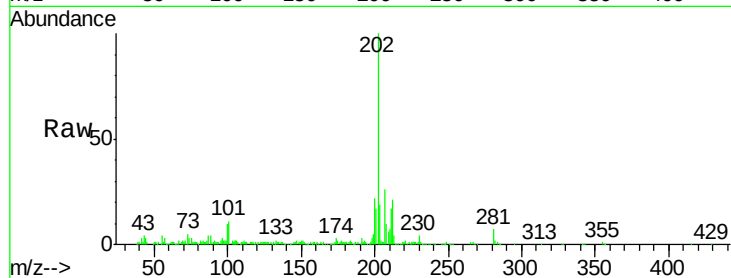
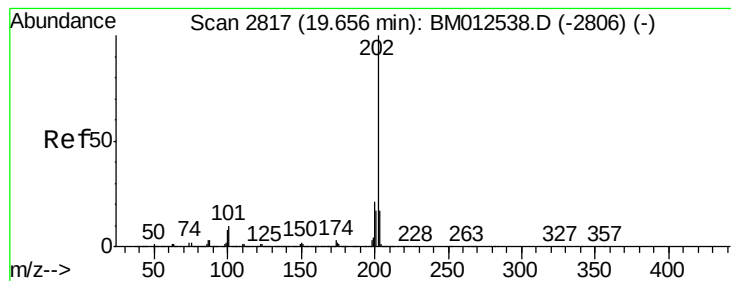


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.37 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012543.D

Acq: 29 Oct 2017 02:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 231479

Ion Ratio Lower Upper

202 100

101 10.5 5.1 7.7#

100 9.6 4.9 7.3#

