

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120116\
 Data File : BM008143.D
 Acq On : 01 Dec 2016 18:29
 Operator : UM/SJ
 Sample : H5730-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6

Quant Time: Dec 02 03:17:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 03:12:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	177703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	679966	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	408881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	761801	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	931336	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	959865	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	17396	4.84	ng/uL	0.00
5) Phenol-d5	6.87	99	309753	23.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	187345	24.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	248991	24.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	202572	19.67	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	122501	25.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	131019	23.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	220152	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	225000	22.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	660416	25.06	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	793122	24.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	62529	15.36	ng/ul	0.02
57) Fluorene-d10	15.33	176	572349	25.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	74511	16.47	ng/ul	0.00
70) Anthracene-d10	17.19	188	797535	24.34	ng/ul	0.00
76) Pyrene-d10	19.49	212	968883	25.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1029637	25.75	ng/ul	0.00

Target Compounds

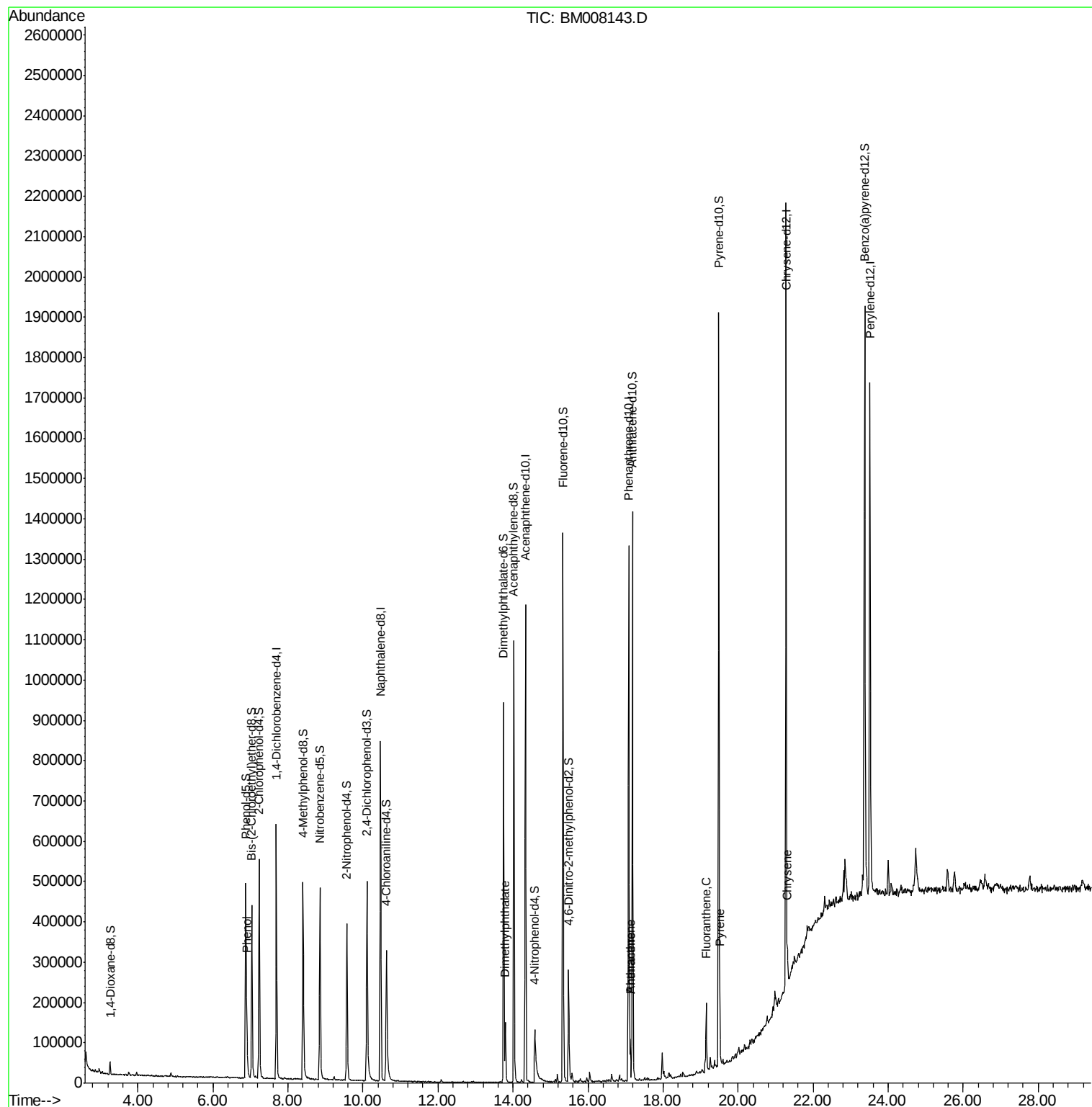
						Qvalue
6) Phenol	6.90	94	68559	5.04	ng/ul	97
44) Dimethylphthalate	13.80	163	95053	3.68	ng/ul	99
69) Phenanthrene	17.13	178	62094	1.63	ng/ul	97
71) Anthracene	17.13	178	62094	1.60	ng/ul	97
74) Fluoranthene	19.15	202	102655	2.32	ng/ul	99
77) Pyrene	19.52	202	89367	1.87	ng/ul	98
82) Chrysene	21.32	228	49456	1.09	ng/ul	98

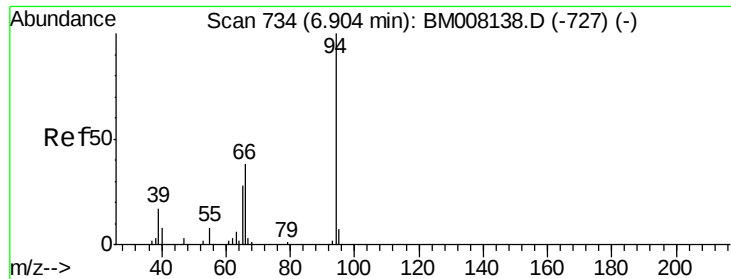
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.04 ng/ul

RT: 6.90 min Scan# 734

Delta R.T. -0.00 min

Lab File: BM008143.D

Acq: 01 Dec 2016 18:29

Instrument :

BNA_M

ClientSampleId :

A4WH6

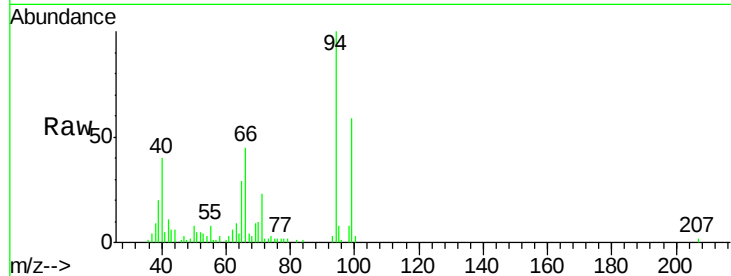
Tgt Ion: 94 Resp: 68559

Ion Ratio Lower Upper

94 100

65 29.4 23.1 34.7

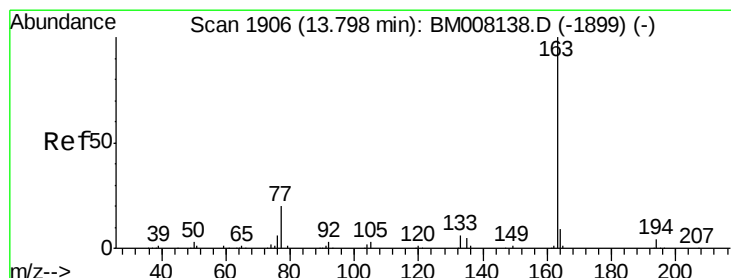
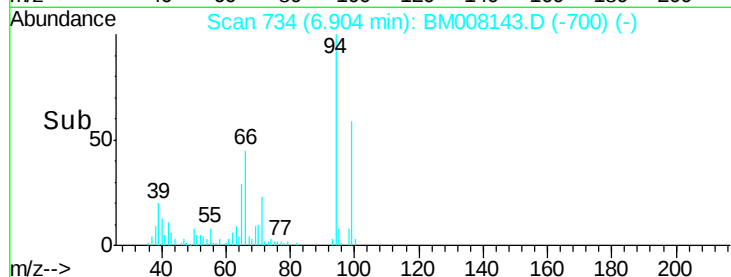
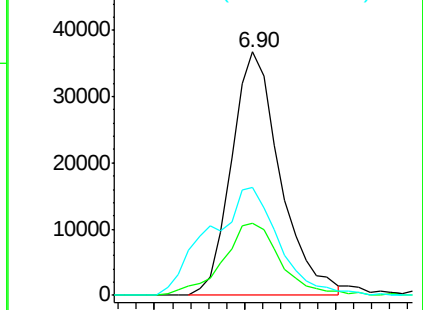
66 44.6 33.7 50.5



Abundance Ion 94.00 (93.70 to 94.70): BM008143.D (-727) (-)

Ion 65.00 (64.70 to 65.70): BM008143.D (-727) (-)

Ion 66.00 (65.70 to 66.70): BM008143.D (-727) (-)



#44

Dimethylphthalate

Concen: 3.68 ng/ul

RT: 13.80 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM008143.D

Acq: 01 Dec 2016 18:29

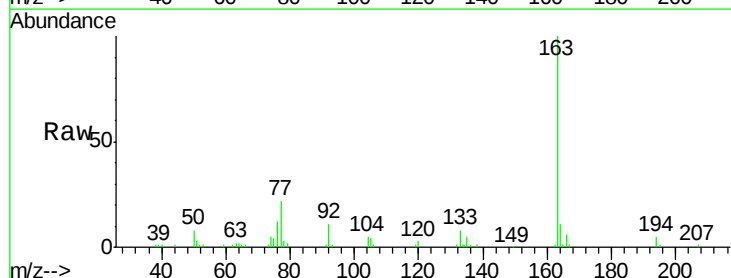
Tgt Ion: 163 Resp: 95053

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

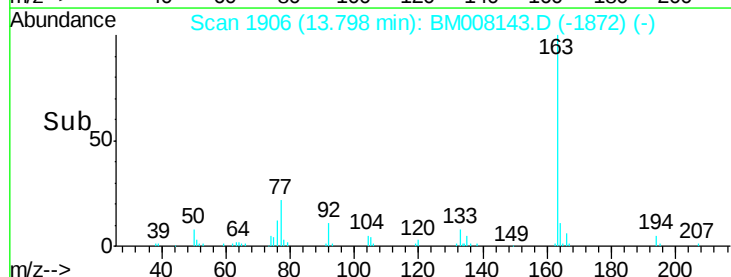
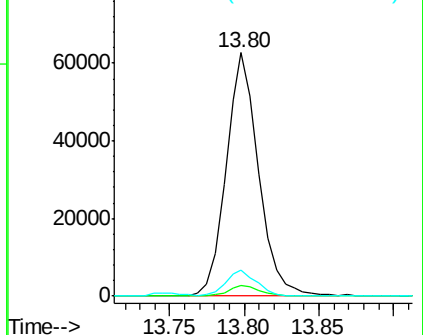
164 10.5 8.2 12.4

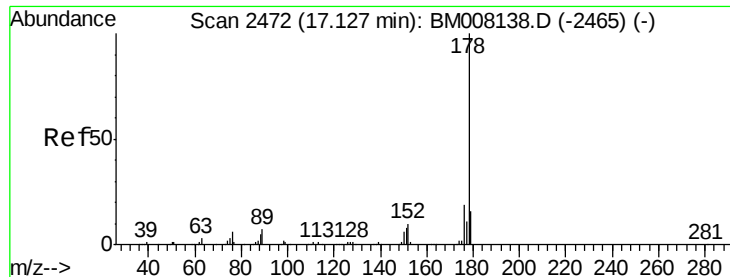


Abundance Ion 163.00 (162.70 to 163.70): BM008143.D (-1899) (-)

Ion 194.00 (193.70 to 194.70): BM008143.D (-1899) (-)

Ion 164.00 (163.70 to 164.70): BM008143.D (-1899) (-)





#69

Phenanthrene

Concen: 1.63 ng/ul

RT: 17.13 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BM008143.D

Acq: 01 Dec 2016 18:29

Instrument :

BNA_M

ClientSampleId :

A4WH6

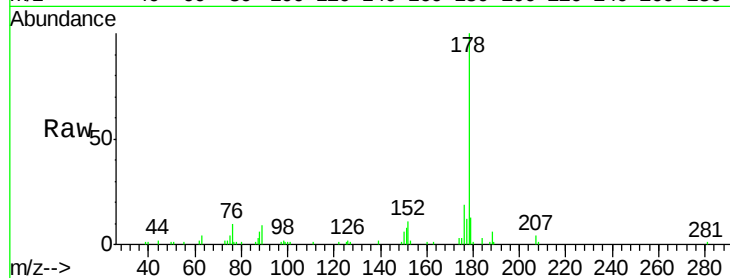
Tgt Ion:178 Resp: 62094

Ion Ratio Lower Upper

178 100

179 12.8 12.2 18.2

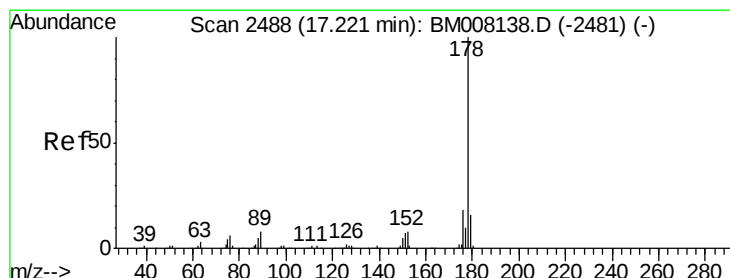
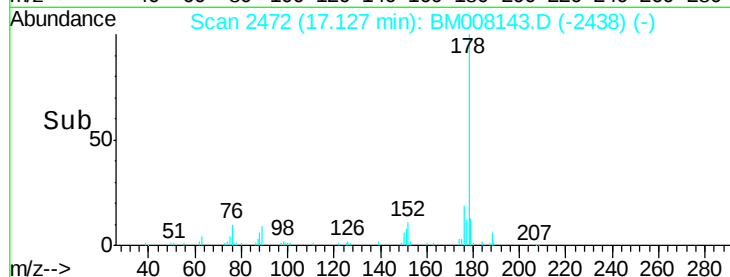
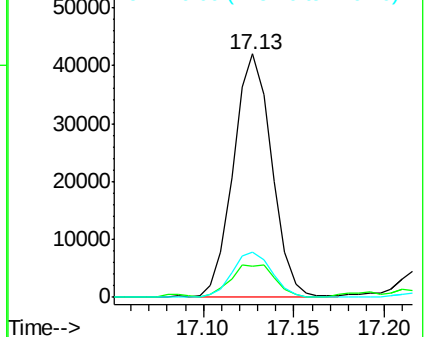
176 18.6 14.7 22.1



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



#71

Anthracene

Concen: 1.60 ng/ul

RT: 17.13 min Scan# 2472

Delta R.T. -0.09 min

Lab File: BM008143.D

Acq: 01 Dec 2016 18:29

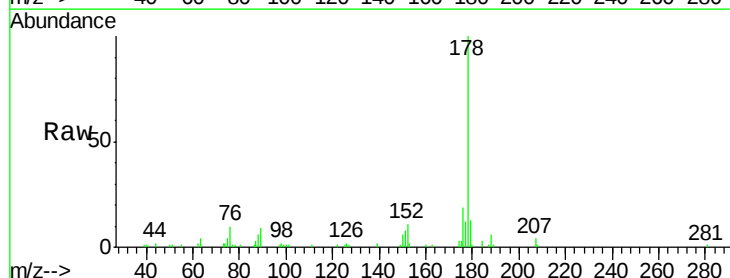
Tgt Ion:178 Resp: 62094

Ion Ratio Lower Upper

178 100

179 12.8 11.8 17.8

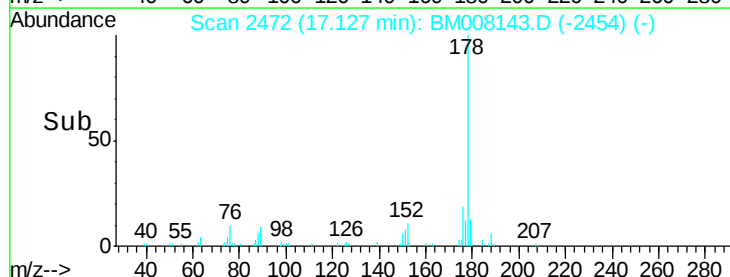
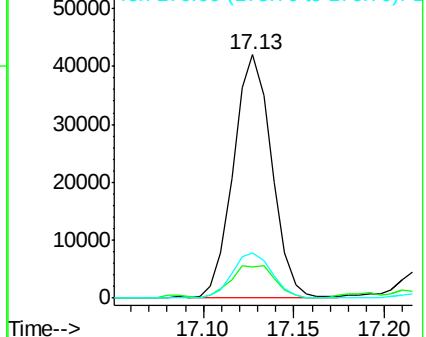
176 18.6 14.6 21.8

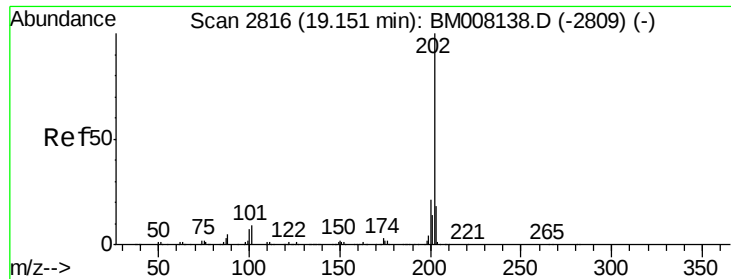


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.32 ng/ul

RT: 19.15 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM008143.D

Acq: 01 Dec 2016 18:29

Instrument :

BNA_M

ClientSampleId :

A4WH6

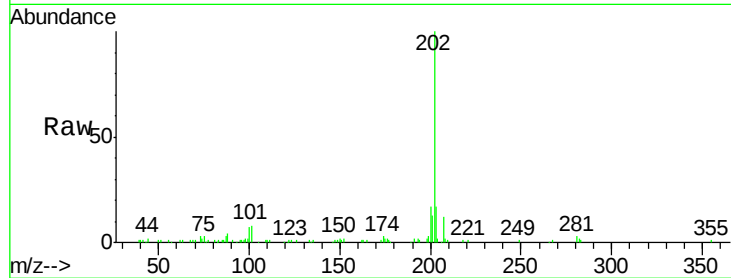
Tgt Ion:202 Resp: 102655

Ion Ratio Lower Upper

202 100

101 8.5 7.1 10.7

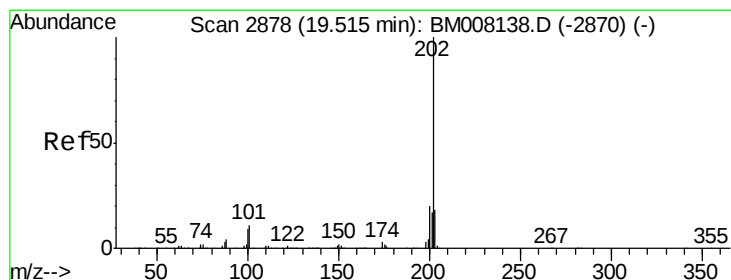
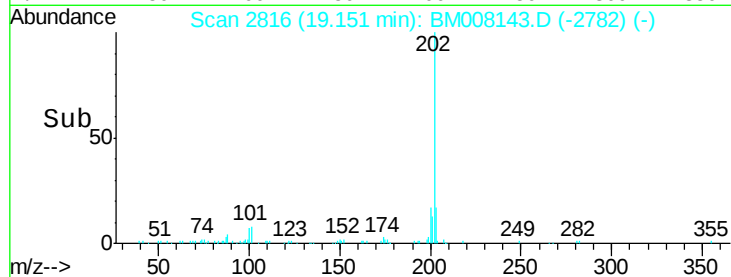
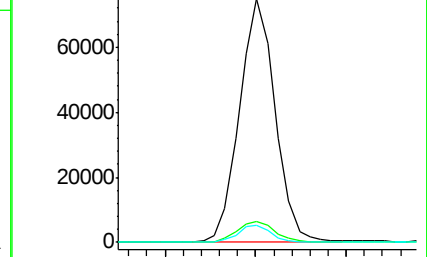
100 7.2 5.4 8.0



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): B



#77

Pyrene

Concen: 1.87 ng/ul

RT: 19.52 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BM008143.D

Acq: 01 Dec 2016 18:29

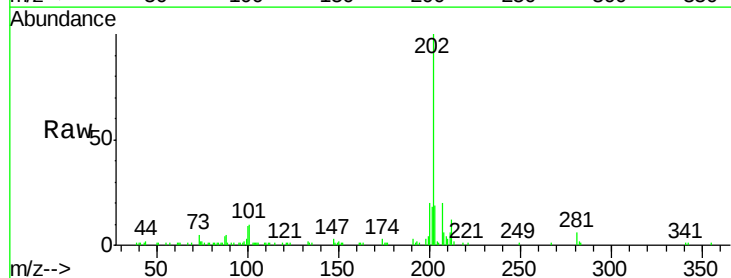
Tgt Ion:202 Resp: 89367

Ion Ratio Lower Upper

202 100

101 10.1 8.6 12.8

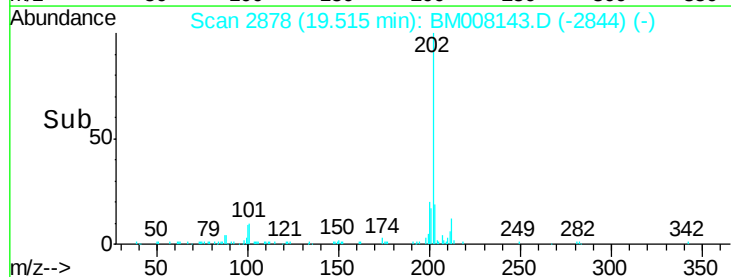
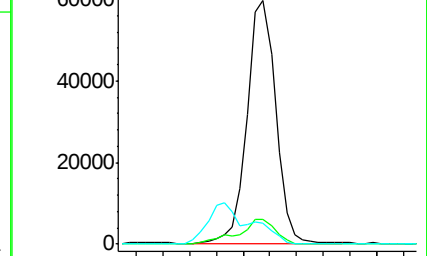
100 8.7 6.5 9.7

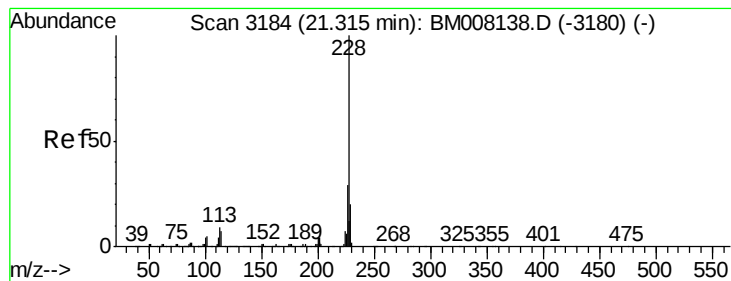


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.09 ng/ul

RT: 21.32 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BM008143.D

Acq: 01 Dec 2016 18:29

Instrument :

BNA_M

ClientSampleId :

A4WH6

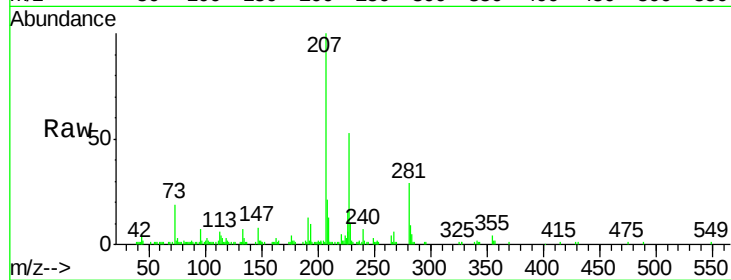
Tgt Ion:228 Resp: 49456

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.0

229 19.7 15.4 23.0



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

