

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
 Data File : BM009809.D
 Acq On : 30 Apr 2017 13:35
 Operator : SJ/MA
 Sample : I2849-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST4

Quant Time: May 01 01:41:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 01:17:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	187231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	827288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	559982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1052702	20.00	ng/ul	0.01
75) Chrysene-d12	21.40	240	1116954	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1044392	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	14478	3.56	ng/uL	0.00
5) Phenol-d5	6.98	99	430545	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	397873	28.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	285737	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	300327	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	218513	32.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	180171	25.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	321736	22.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	301483	17.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1081842	22.21	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1340195	22.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	263017	27.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	957685	21.78	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.60	200	144071	19.40	ng/ul	0.01
70) Anthracene-d10	17.32	188	1406319	26.02	ng/ul	0.01
76) Pyrene-d10	19.62	212	1348224	27.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1349465	26.57	ng/ul	0.02

Target Compounds

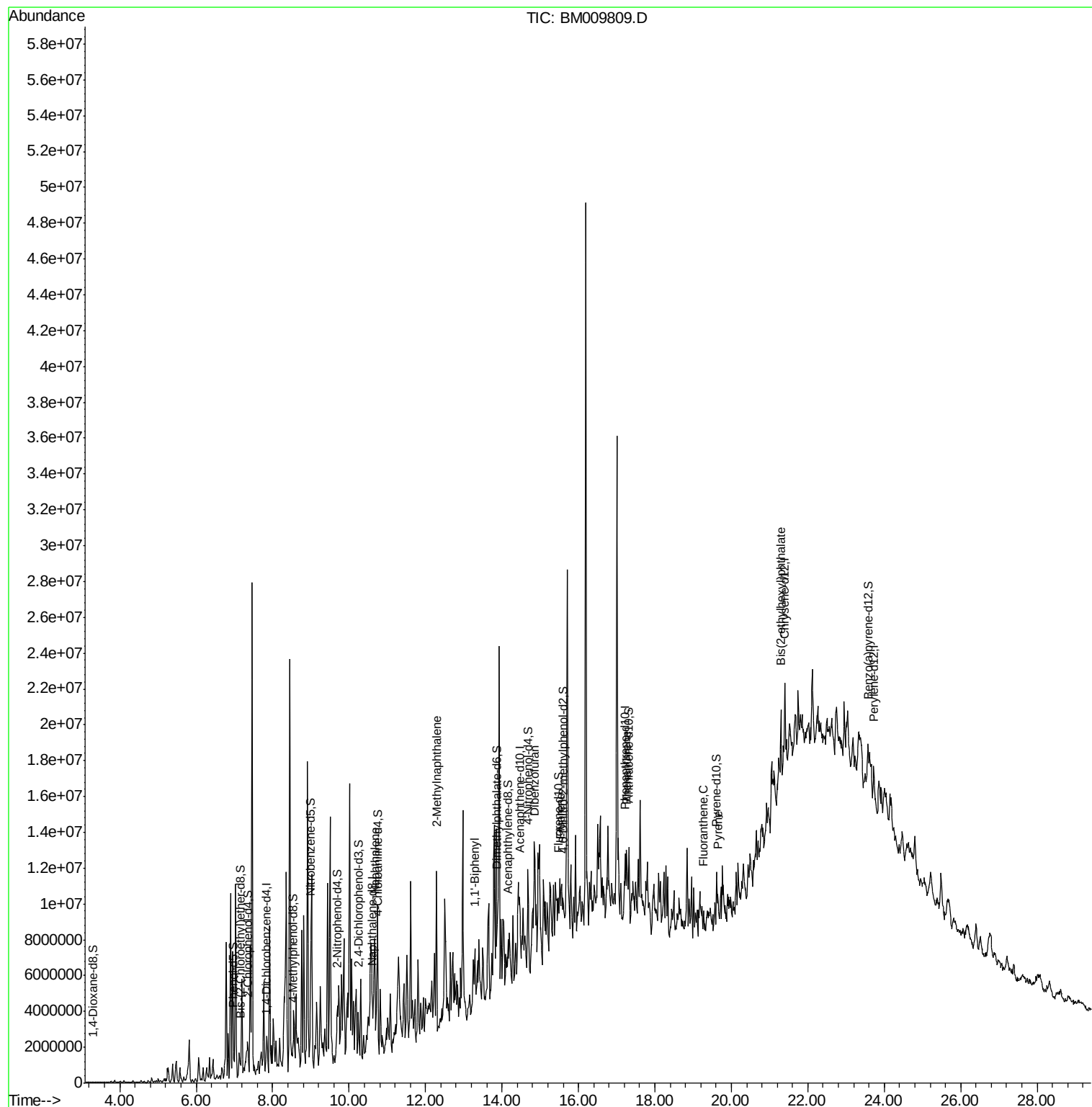
						Ovalue
28) Naphthalene	10.67	128	1651015	37.47	ng/ul#	94
34) 2-Methylnaphthalene	12.29	142	3636577	107.33	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	272356	5.91	ng/ul	94
53) Dibenzofuran	14.87	168	269162	4.66	ng/ul#	46
58) Fluorene	15.52	166	423701	8.60	ng/ul#	88
69) Phenanthrene	17.27	178	1052383	17.39	ng/ul#	92
74) Fluoranthene	19.27	202	113388	1.49	ng/ul#	65
77) Pyrene	19.64	202	263946	4.18	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.29	149	418745	10.57	ng/ul#	89

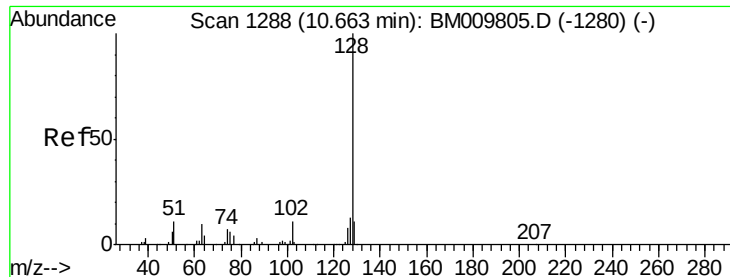
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 37.47 ng/ul

RT: 10.67 min Scan# 1289

Delta R.T. 0.01 min

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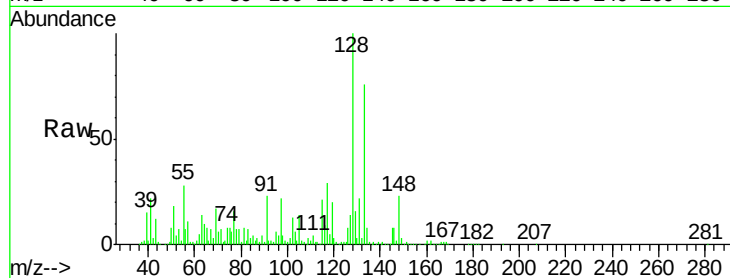
Tot Ion:128 Resp: 1651015

Ion Ratio Lower Upper

128 100

129 15.6 9.7 14.5#

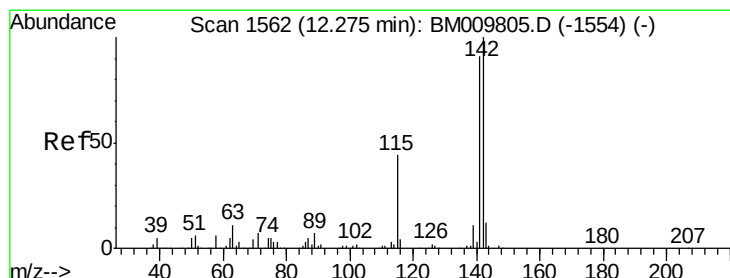
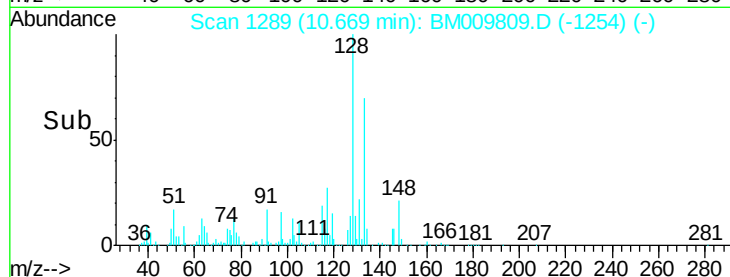
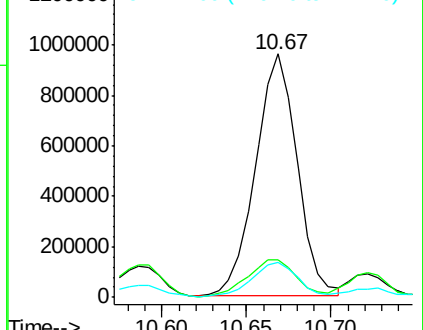
127 14.2 10.2 15.4



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



#34

2-Methylnaphthalene

Concen: 107.33 ng/ul

RT: 12.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BM009809.D

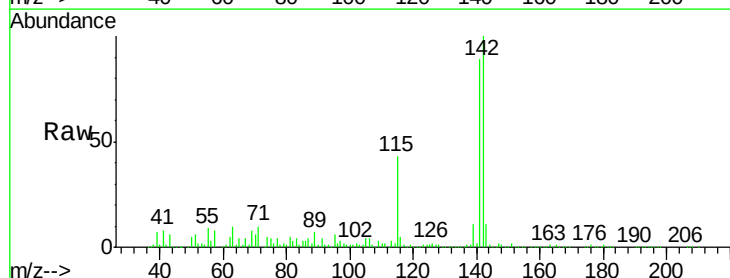
Acq: 30 Apr 2017 13:35

Tgt Ion:142 Resp: 3636577

Ion Ratio Lower Upper

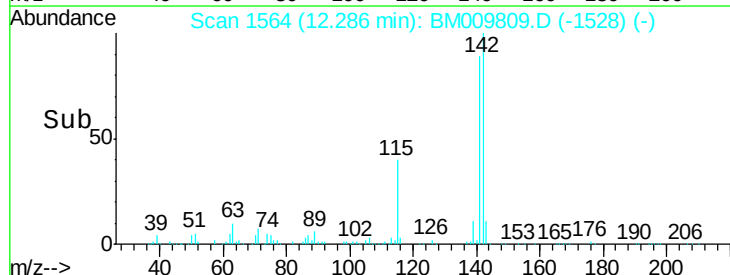
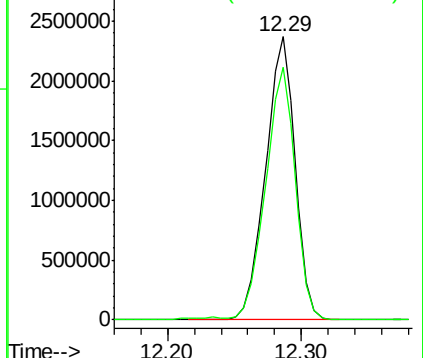
142 100

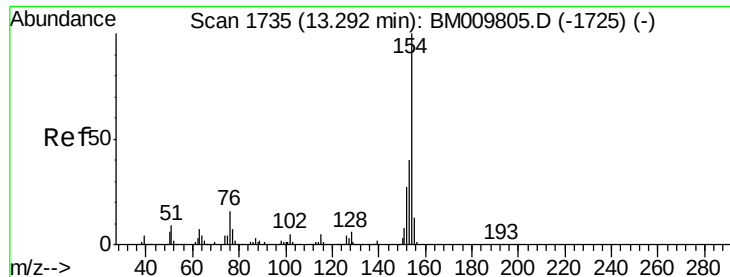
141 89.4 72.6 109.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 5.91 ng/ul

RT: 13.30 min Scan# 1736

Delta R.T. 0.01 min

Lab File: BM009809.D

Acq: 30 Apr 2017 13:35

Instrument :

BNA_M

ClientSampleId :

JHST4

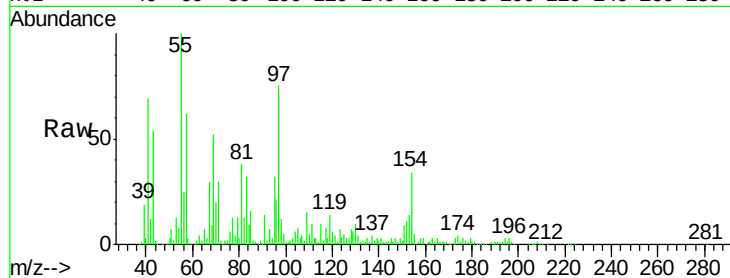
Tot Ion:154 Resp: 272356

Ion Ratio Lower Upper

154 100

153 40.2 35.7 53.5

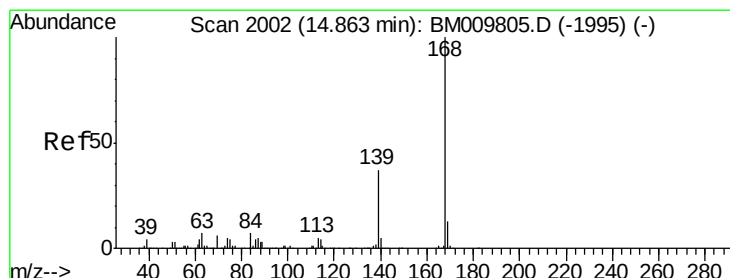
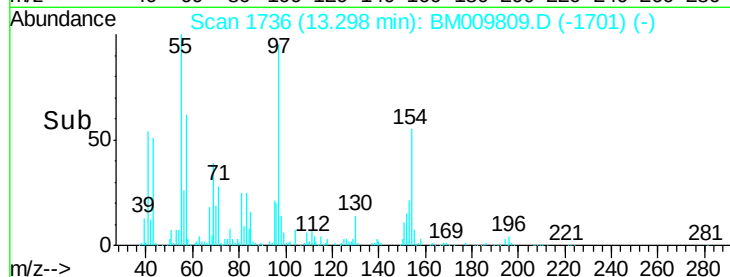
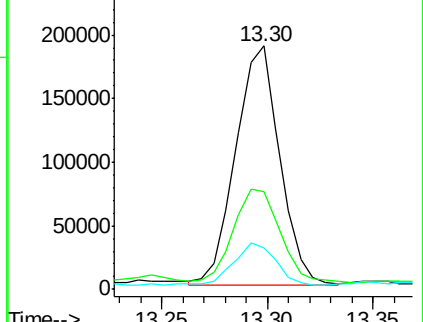
76 16.8 12.4 18.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#53

Dibenzofuran

Concen: 4.66 ng/ul

RT: 14.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BM009809.D

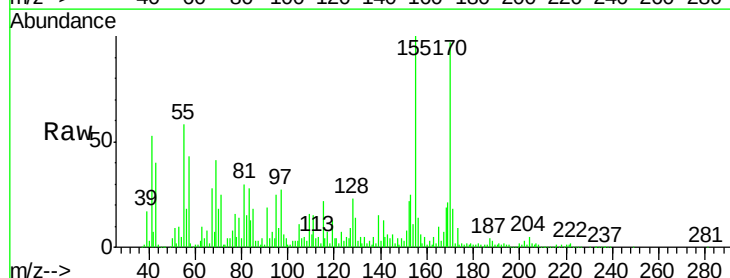
Acq: 30 Apr 2017 13:35

Tgt Ion:168 Resp: 269162

Ion Ratio Lower Upper

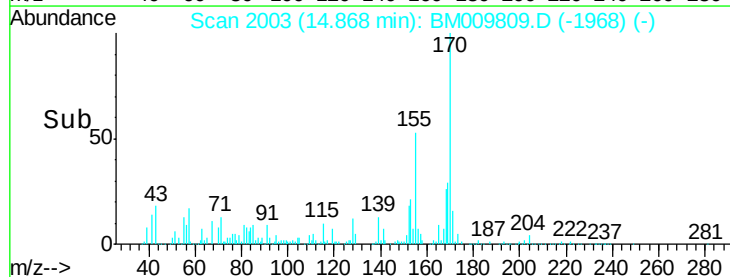
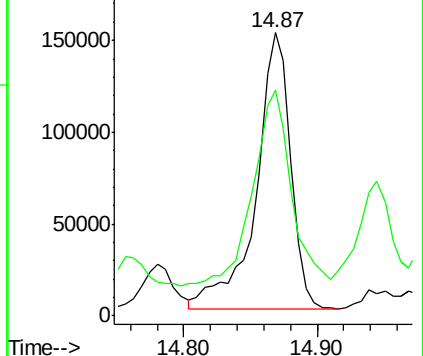
168 100

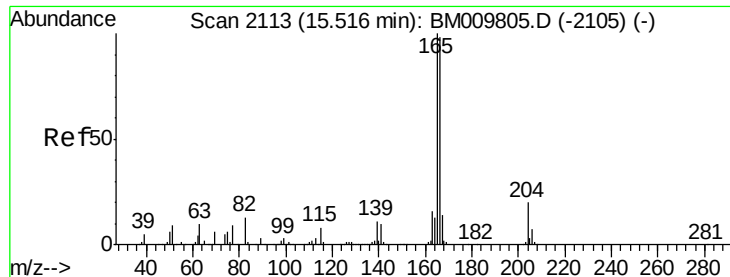
139 79.9 35.6 53.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

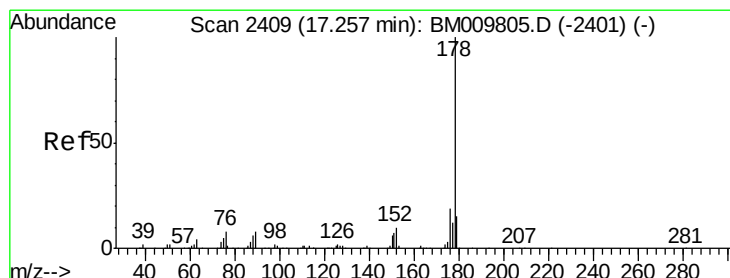
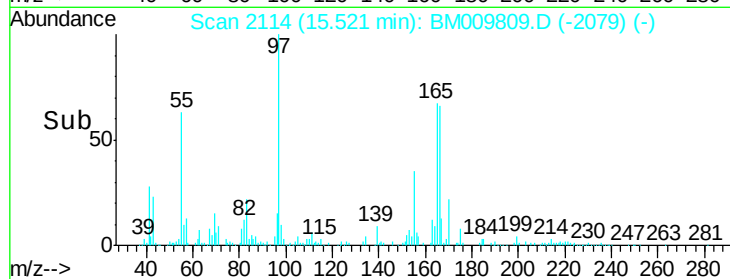
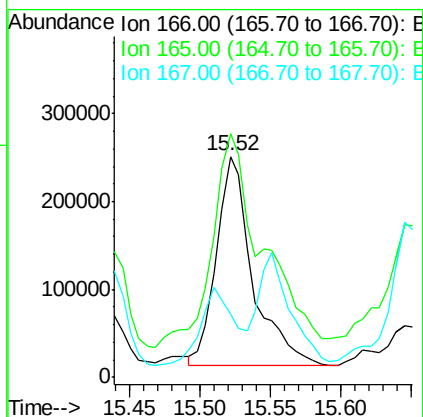
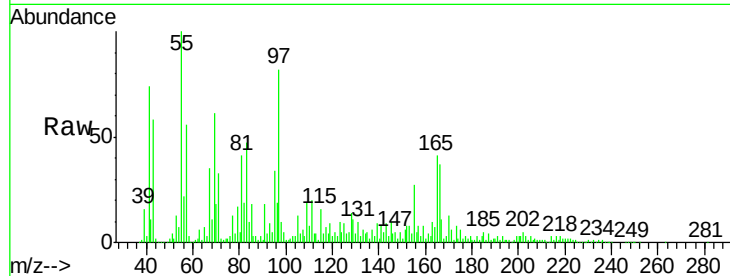




#58
Fluorene
Concen: 8.60 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

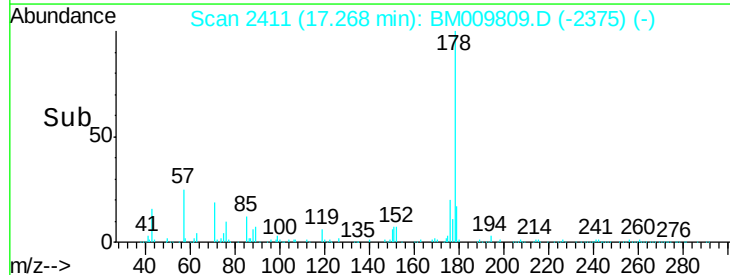
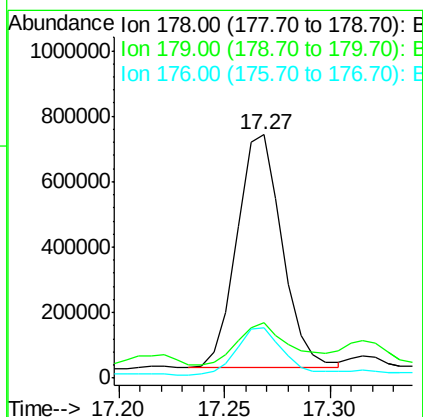
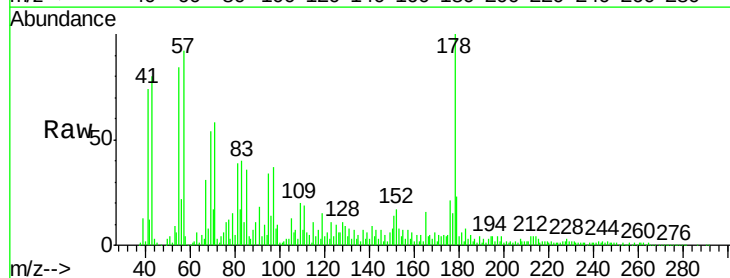
Instrument :
BNA_M
ClientSampleId :
JHST4

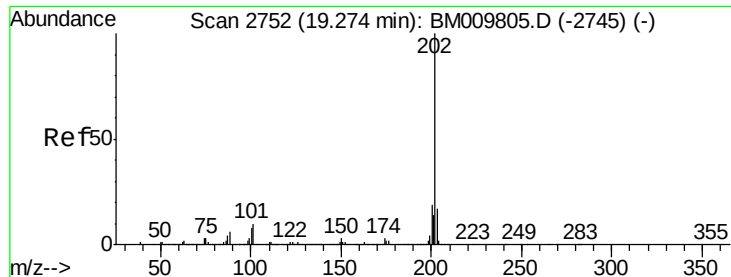
Tot Ion:166 Resp: 423701
Ion Ratio Lower Upper
166 100
165 110.3 81.0 121.6
167 28.6 10.5 15.7#



#69
Phenanthrene
Concen: 17.39 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:178 Resp: 1052383
Ion Ratio Lower Upper
178 100
179 22.5 12.6 19.0#
176 20.6 15.8 23.6





#74

Fluoranthene

Concen: 1.49 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BM009809.D

Acq: 30 Apr 2017 13:35

Instrument :

BNA_M

ClientSampleId :

JHST4

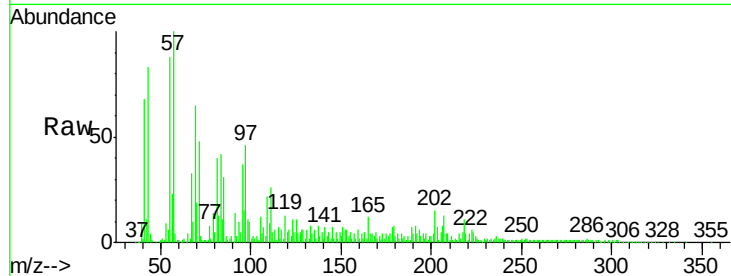
Tot Ion:202 Resp: 113388

Ion Ratio Lower Upper

202 100

101 21.9 5.7 8.5#

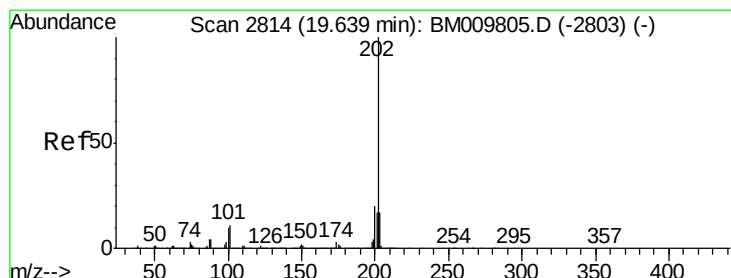
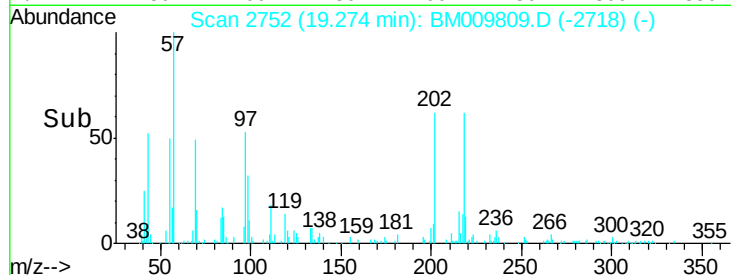
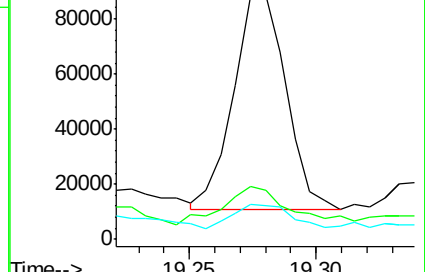
100 14.4 4.6 7.0#



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: 4.18 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM009809.D

Acq: 30 Apr 2017 13:35

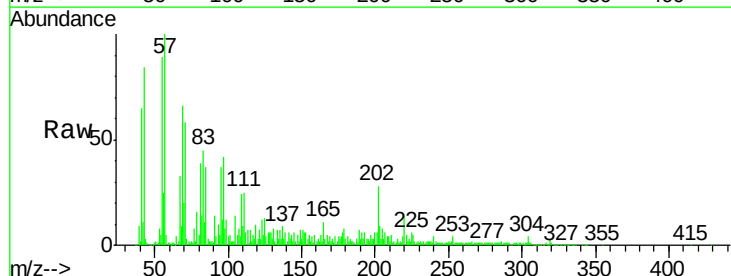
Tgt Ion:202 Resp: 263946

Ion Ratio Lower Upper

202 100

101 16.7 6.2 9.4#

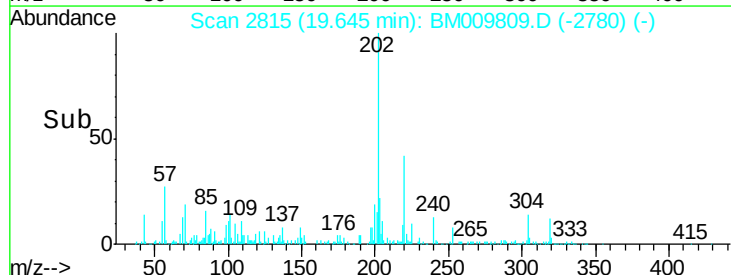
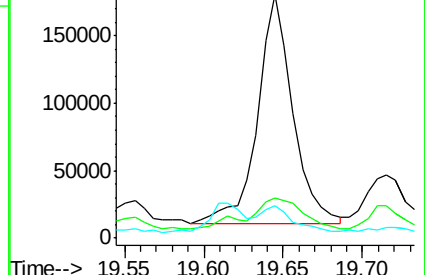
100 13.1 6.4 9.6#

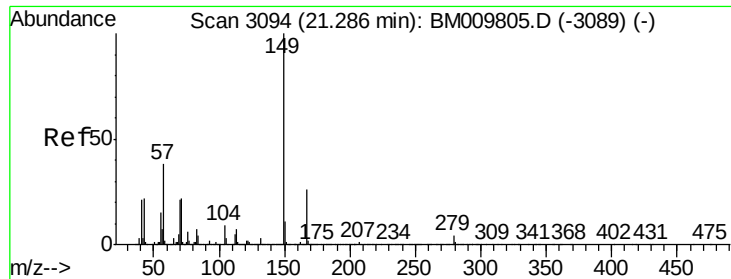


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 10.57 ng/ul
 RT: 21.29 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM009809.D
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Instrument :
 BNA_M
 ClientSampleId :
 JHST4

Tot Ion:149 Resp: 418745
 Ion Ratio Lower Upper
 149 100
 167 31.7 20.2 30.2#
 279 4.6 4.0 6.0

