

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005245.D
 Acq On : 05 May 2016 21:28
 Operator : UM/SJ
 Sample : H2813-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7P2

Quant Time: May 06 05:09:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:17:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	83874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	416303	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	267172	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	631155	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	777500	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	768496	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2620	1.47	ng/uL	0.00
5) Phenol-d5	6.95	99	50505	6.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	129782	29.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	139628	24.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	101030	16.07	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	92664	31.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	106883	31.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	175015	27.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	13150	1.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	625689	29.22	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	749393	29.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	24064	6.16	ng/ul	0.00
57) Fluorene-d10	15.41	176	553814	29.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	110173	31.03	ng/ul	0.00
70) Anthracene-d10	17.27	188	857600	30.74	ng/ul	0.00
76) Pyrene-d10	19.56	212	1023440	28.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1052062	30.93	ng/ul	0.00

Target Compounds

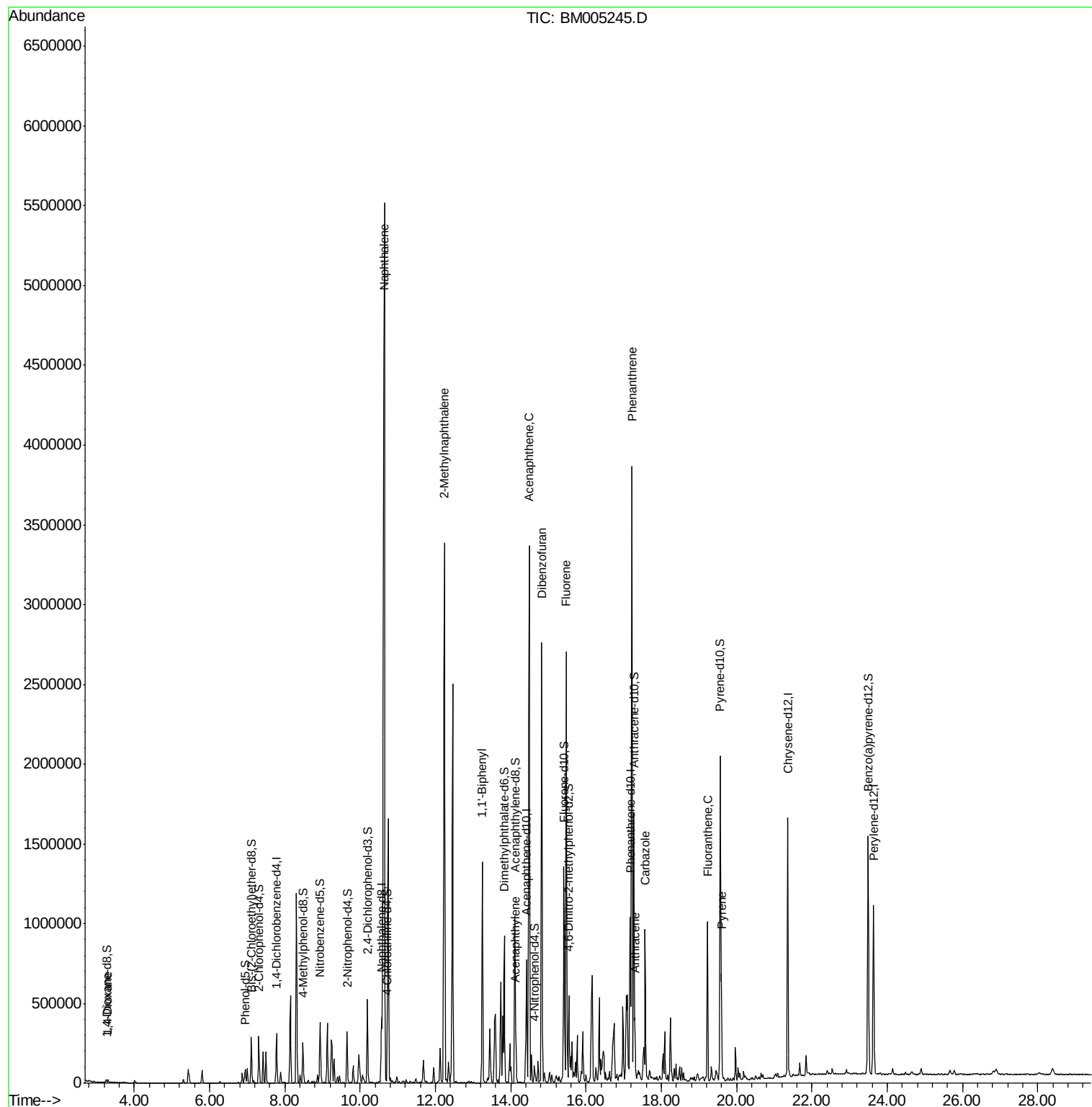
						Qvalue
2) 1,4-Dioxane	3.30	88	10102	3.11	ng/uL	97
28) Naphthalene	10.64	128	6764383	322.95	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	1808051	115.41	ng/ul	100
40) 1,1'-Biphenyl	13.25	154	744853	35.19	ng/ul	100
47) Acenaphthylene	14.13	152	121360	4.57	ng/ul#	95
49) Acenaphthene	14.49	153	1520847	86.84	ng/ul	99
53) Dibenzofuran	14.82	168	1902636	74.88	ng/ul	97
58) Fluorene	15.47	166	1234633	62.15	ng/ul	100
69) Phenanthrene	17.22	178	2617344	78.87	ng/ul	99
71) Anthracene	17.30	178	198390	6.00	ng/ul	100
72) Carbazole	17.57	167	595954	20.47	ng/ul	99
74) Fluoranthene	19.23	202	631059	17.16	ng/ul	98
77) Pyrene	19.59	202	399699	8.86	ng/ul	98

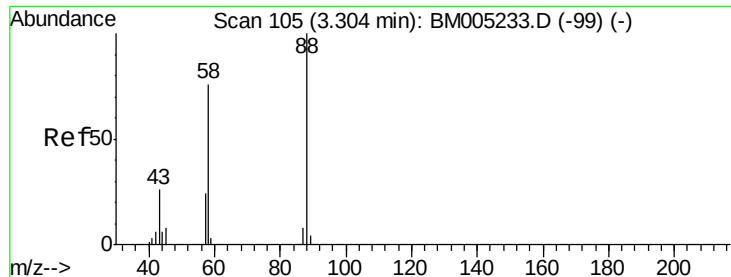
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM005245.D
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Quant Time: May 06 05:09:05 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 3.11 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

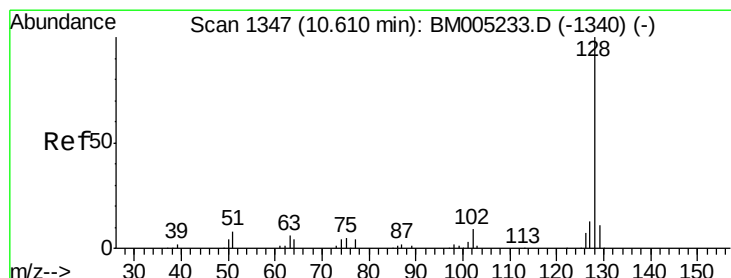
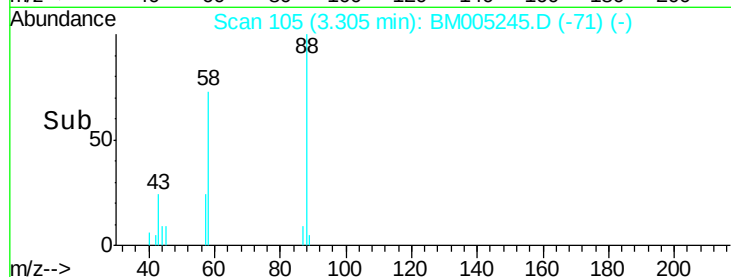
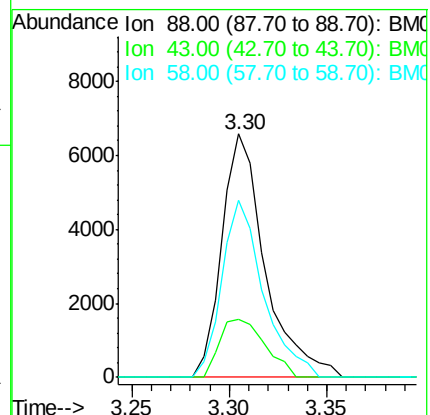
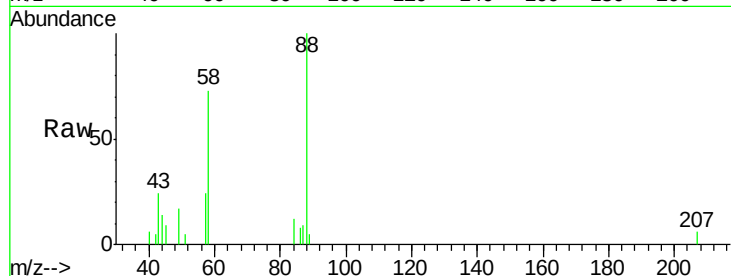
Tgt Ion: 88 Resp: 10102

Ion Ratio Lower Upper

88 100

43 24.9 19.3 28.9

58 69.9 57.9 86.9



#28

Naphthalene

Concen: 322.95 ng/uL

RT: 10.64 min Scan# 1352

Delta R.T. 0.03 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

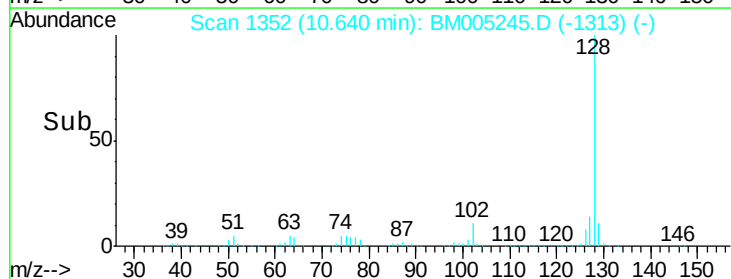
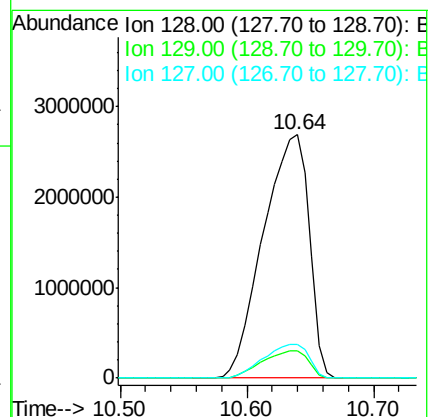
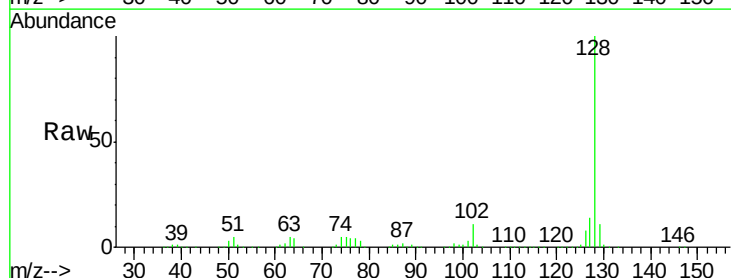
Tgt Ion: 128 Resp: 6764383

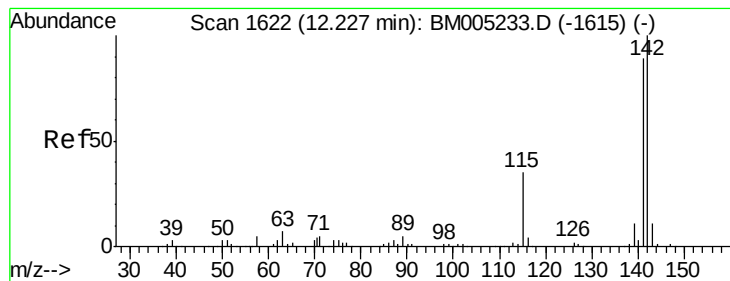
Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

127 14.1 10.8 16.2





#34

2-Methylnaphthalene

Concen: 115.41 ng/ul

RT: 12.23 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampled :

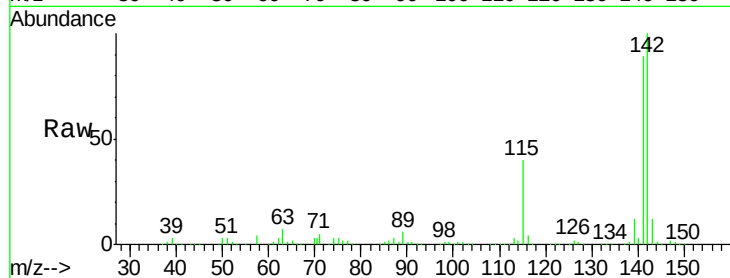
BC7P2

Tgt Ion:142 Resp: 1808051

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.23

1000000

800000

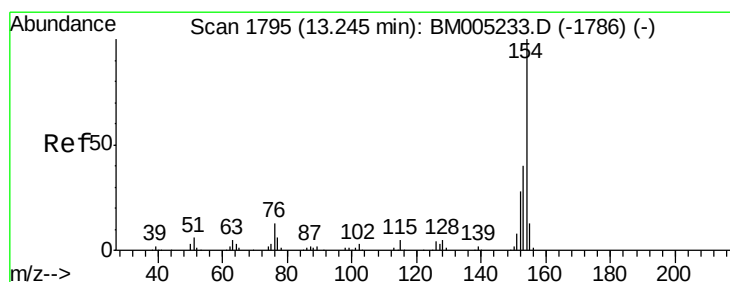
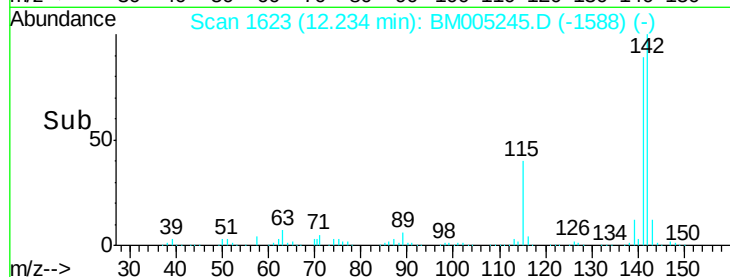
600000

400000

200000

0

Time-->



#40

1,1'-Biphenyl

Concen: 35.19 ng/ul

RT: 13.25 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

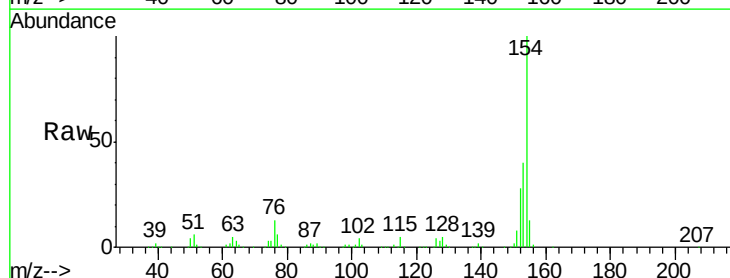
Tgt Ion:154 Resp: 744853

Ion Ratio Lower Upper

154 100

153 40.0 32.1 48.1

76 12.9 10.6 15.8



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

13.25

600000

500000

400000

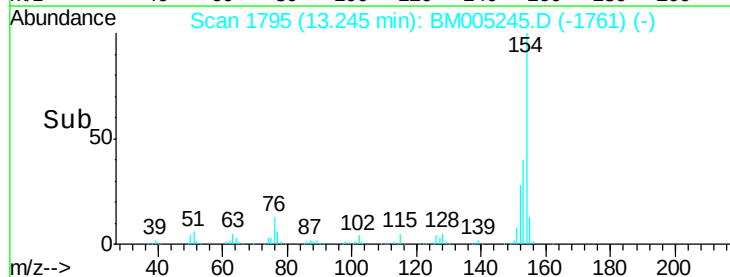
300000

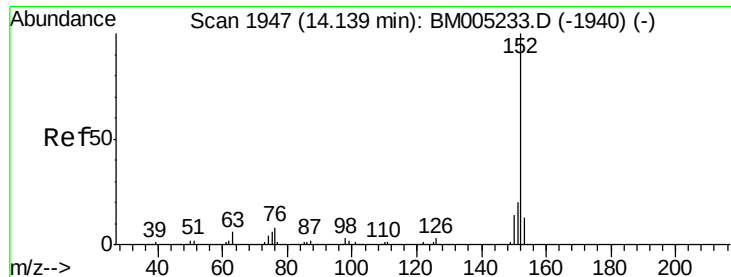
200000

100000

0

Time-->





#47

Acenaphthylene

Concen: 4.57 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

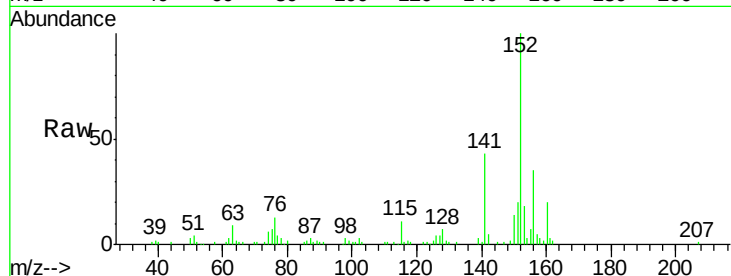
Tgt Ion:152 Resp: 121360

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

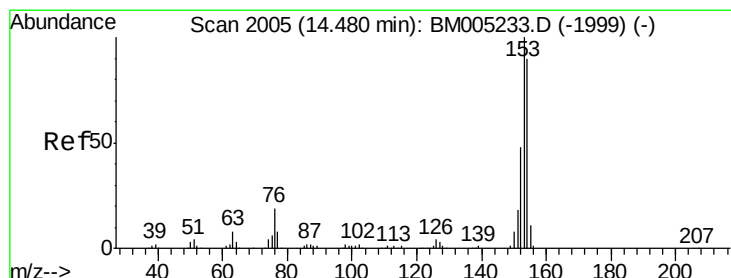
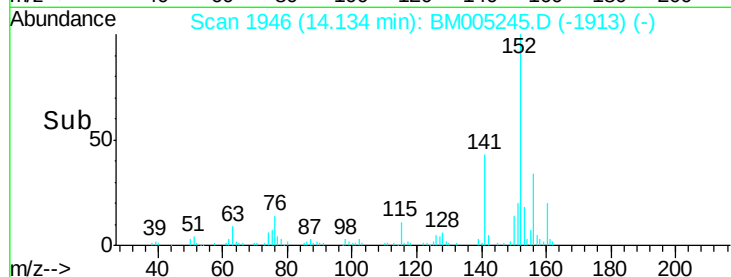
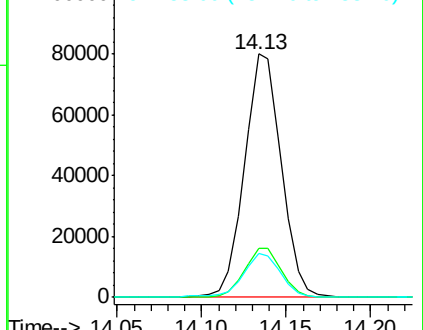
153 17.8 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 86.84 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

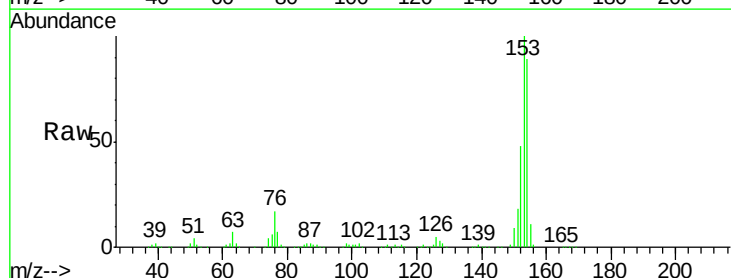
Tgt Ion:153 Resp: 1520847

Ion Ratio Lower Upper

153 100

152 47.6 38.9 58.3

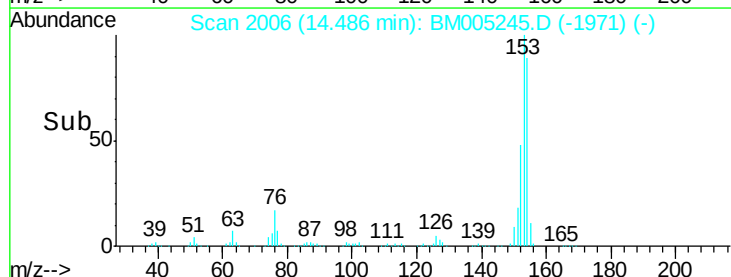
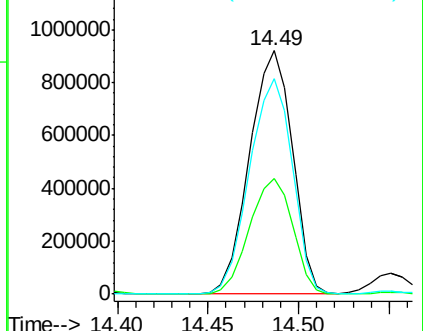
154 88.7 70.3 105.5

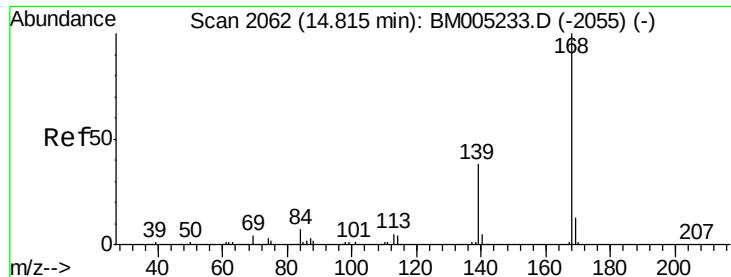


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 74.88 ng/ul

RT: 14.82 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

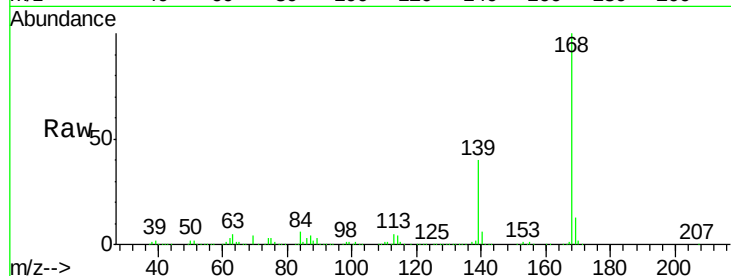
BC7P2

Tgt Ion:168 Resp: 1902636

Ion Ratio Lower Upper

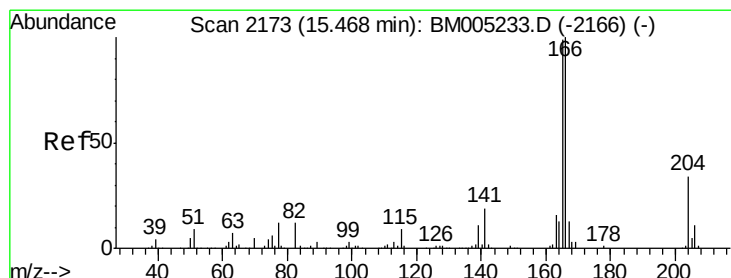
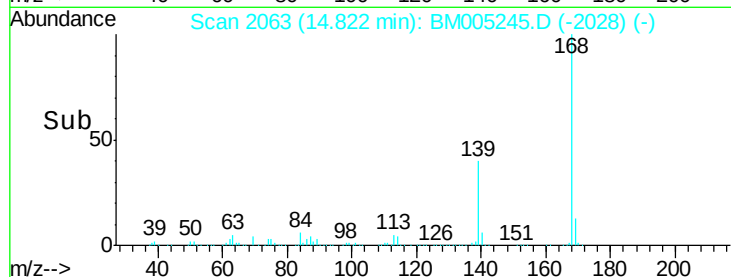
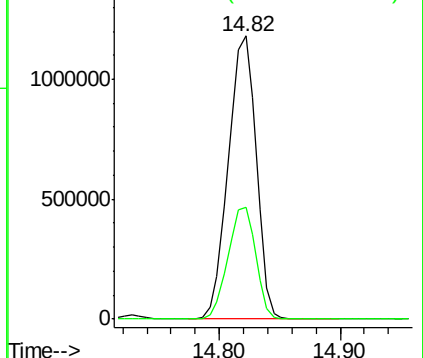
168 100

139 39.6 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 62.15 ng/ul

RT: 15.47 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

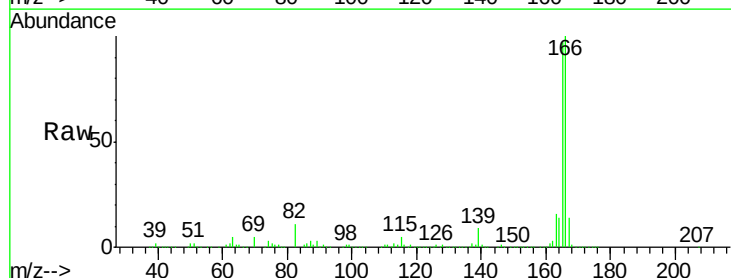
Tgt Ion:166 Resp: 1234633

Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

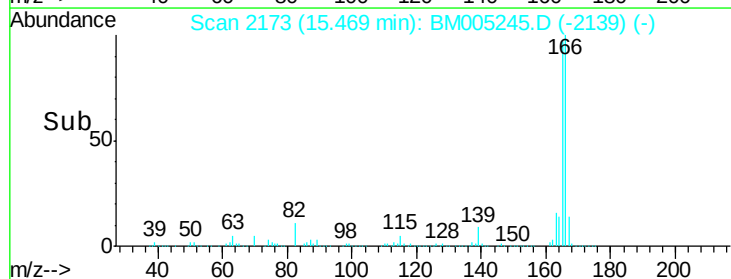
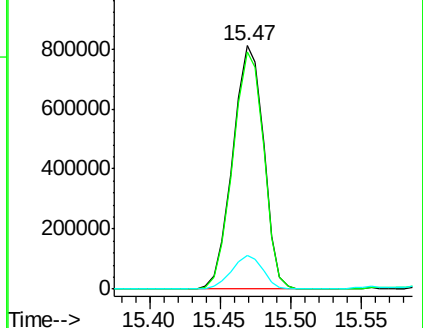
167 13.9 10.6 16.0

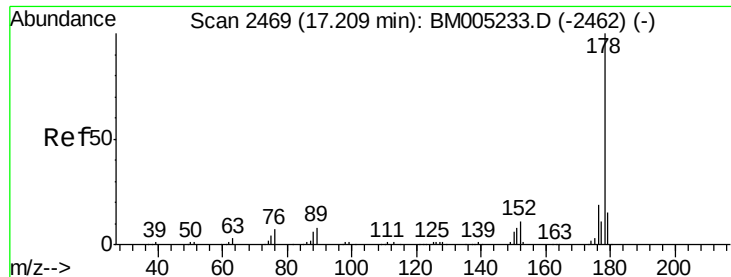


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 78.87 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

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BC7P2

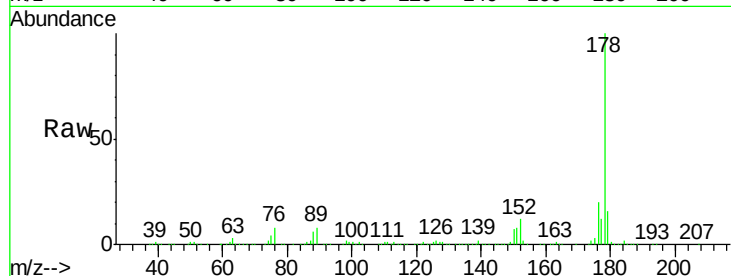
Tgt Ion:178 Resp: 2617344

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

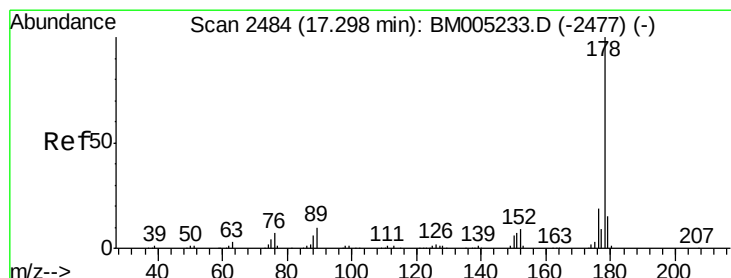
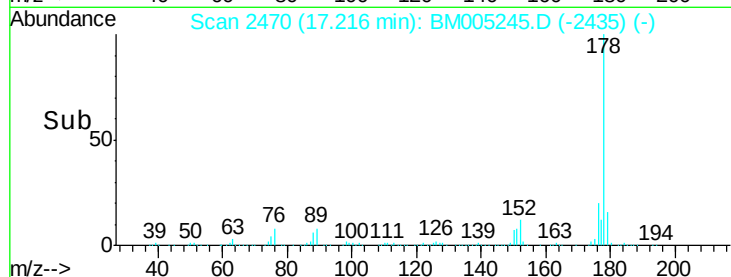
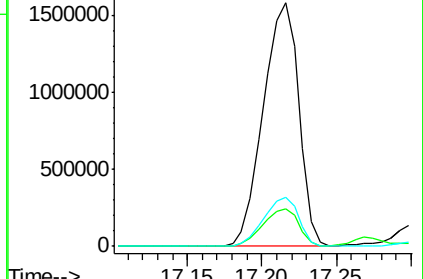
176 19.9 15.2 22.8



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



#71

Anthracene

Concen: 6.00 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

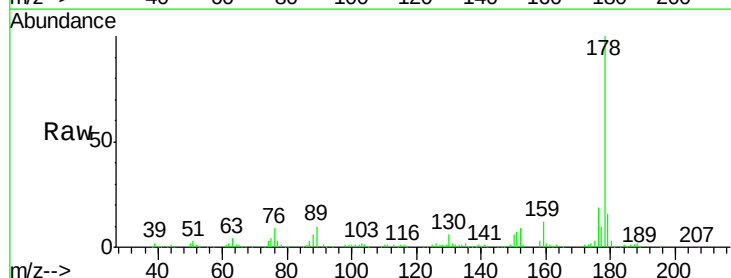
Tgt Ion:178 Resp: 198390

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

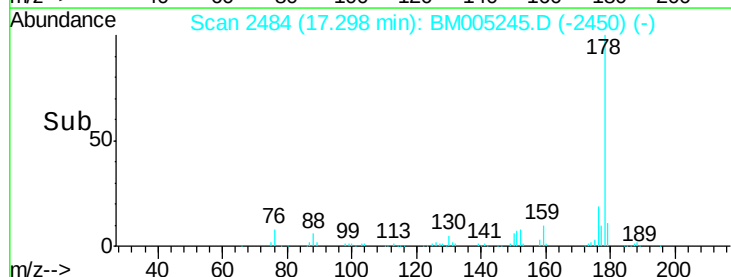
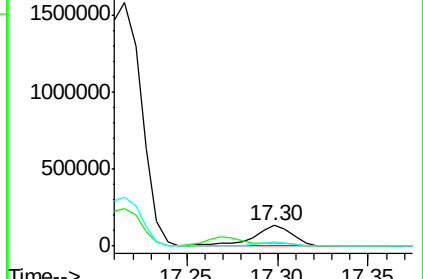
176 18.9 15.1 22.7

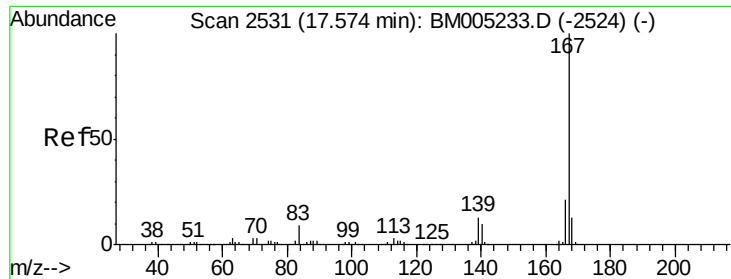


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.47 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

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BC7P2

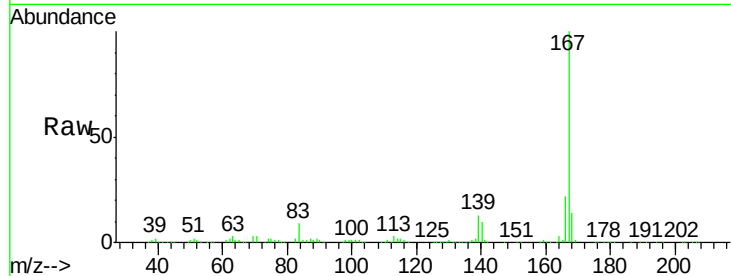
Tgt Ion:167 Resp: 595954

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.2 10.2 15.2

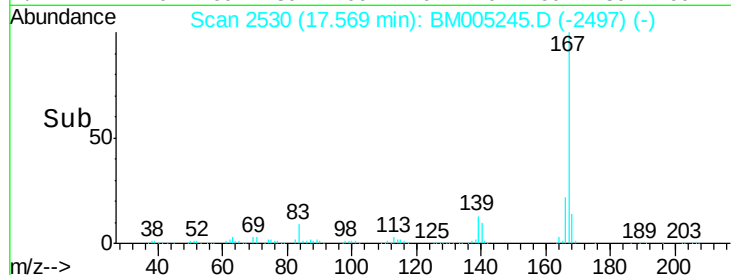


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



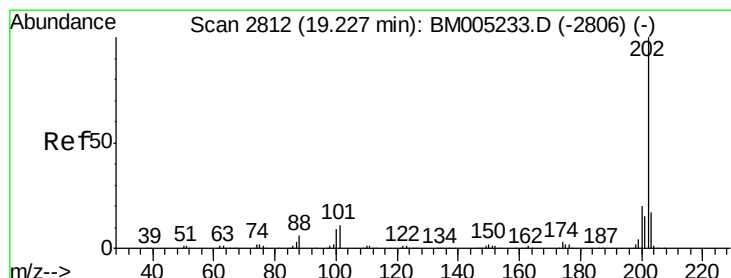
Abundance

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

Time-->



#74

Fluoranthene

Concen: 17.16 ng/ul

RT: 19.23 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

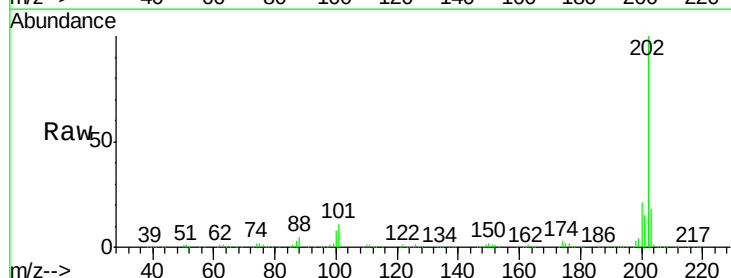
Tgt Ion:202 Resp: 631059

Ion Ratio Lower Upper

202 100

101 10.9 9.2 13.8

100 8.2 7.1 10.7

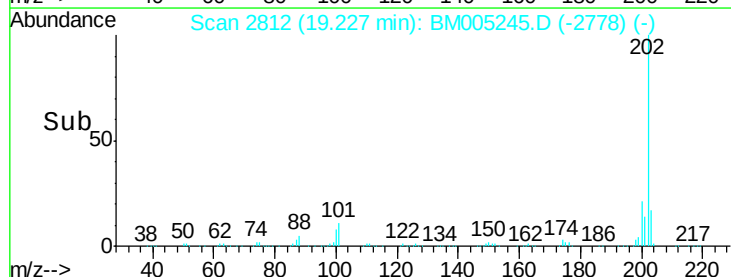


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



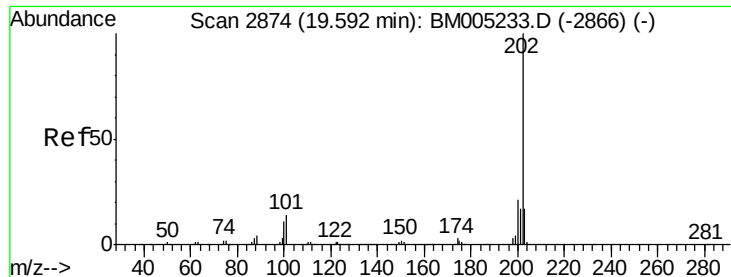
Abundance

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

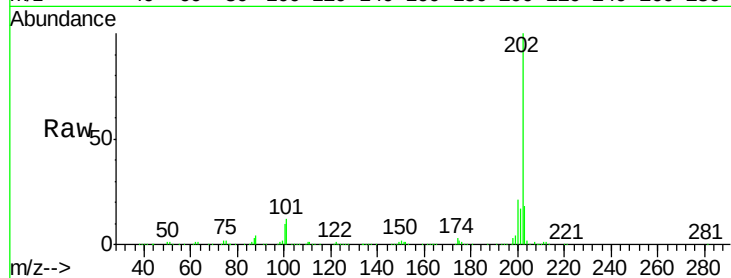
Time-->



#77
 Pyrene
 Concen: 8.86 ng/ul
 RT: 19.59 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: BM005245.D
 Acq: 05 May 2016 21:28

Instrument :
 BNA_M
 ClientSampleId :
 BC7P2

Tgt Ion:	202	Resp:	399699
Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.8	16.2
100	10.2	8.4	12.6



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

