

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005244.D
 Acq On : 05 May 2016 20:51
 Operator : UM/SJ
 Sample : H2813-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M7

Quant Time: May 06 05:04:10 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	7.77	152	96899	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	479648	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	309000	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	742290	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	876489	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	877655	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1902	0.92	ng/uL	0.00
5) Phenol-d5	6.95	99	37385	4.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	111883	22.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	115920	17.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	80080	11.02	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	80502	23.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	91871	23.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	151702	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	6334	0.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	569639	23.00	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	666438	22.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	18814	4.16	ng/ul	0.00
57) Fluorene-d10	15.41	176	498170	23.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	97395	23.32	ng/ul	0.00
70) Anthracene-d10	17.26	188	798258	24.33	ng/ul	0.00
76) Pyrene-d10	19.56	212	931442	23.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	944731	24.32	ng/ul	0.00

Target Compounds

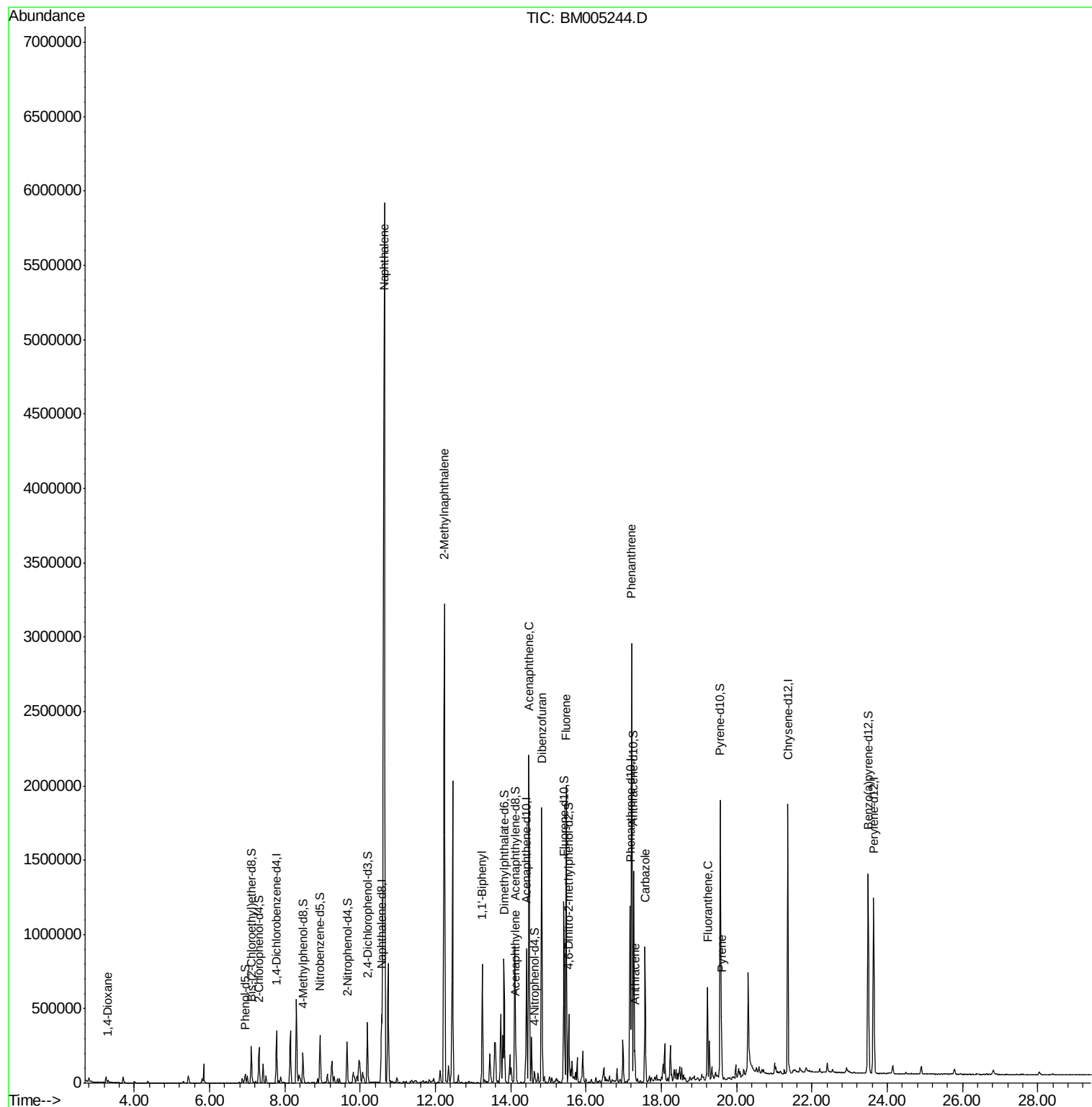
						Qvalue
2) 1,4-Dioxane	3.30	88	8978	2.39	ng/uL	100
28) Naphthalene	10.64	128	7657982	317.33	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	1694107	93.86	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	429947	17.56	ng/ul	99
47) Acenaphthylene	14.13	152	95340	3.10	ng/ul#	94
49) Acenaphthene	14.48	153	957776	47.29	ng/ul	98
53) Dibenzofuran	14.82	168	1224259	41.66	ng/ul	98
58) Fluorene	15.47	166	925514	40.28	ng/ul	99
69) Phenanthrene	17.21	178	1852046	47.45	ng/ul	99
71) Anthracene	17.30	178	133071	3.42	ng/ul	99
72) Carbazole	17.57	167	573960	16.76	ng/ul	99
74) Fluoranthene	19.23	202	376099	8.70	ng/ul	98
77) Pyrene	19.59	202	226688	4.46	ng/ul	99

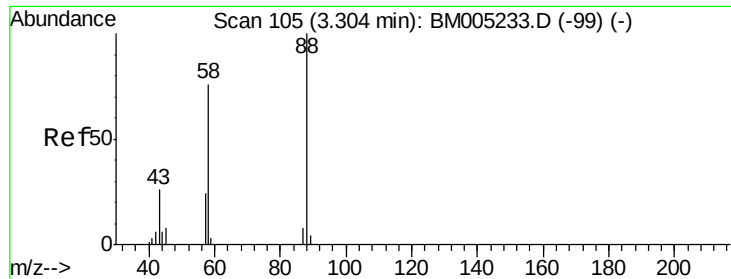
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005244.D
Acq On : 05 May 2016 20:51
Operator : UM/SJ
Sample : H2813-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7M7

Quant Time: May 06 05:04:10 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





#2

1,4-Dioxane

Concen: 2.39 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. -0.00 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

BC7M7

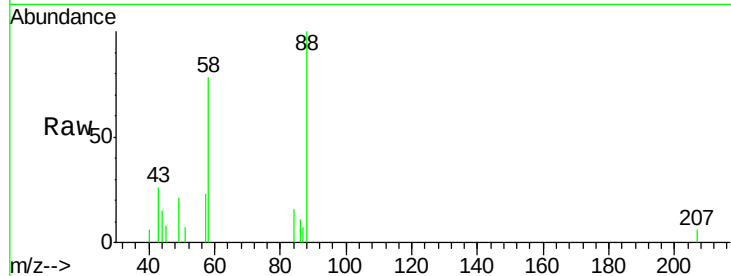
Tgt Ion: 88 Resp: 8978

Ion Ratio Lower Upper

88 100

43 24.2 19.3 28.9

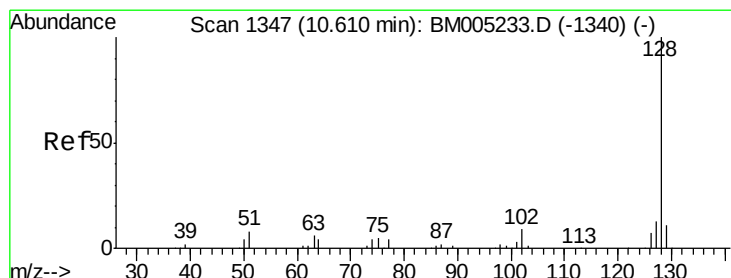
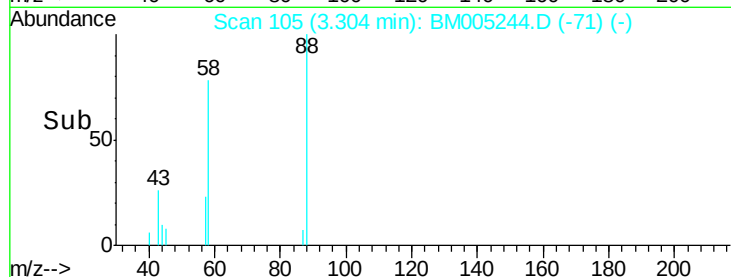
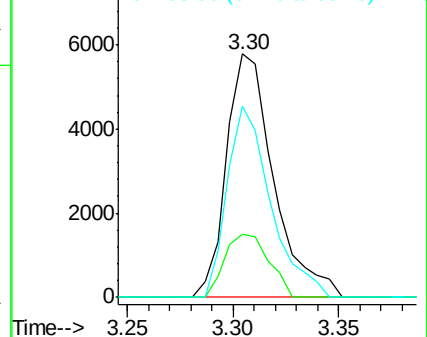
58 72.3 57.9 86.9



Abundance Ion 88.00 (87.70 to 88.70): BM005233.D (-99) (-)

Ion 43.00 (42.70 to 43.70): BM005233.D (-99) (-)

Ion 58.00 (57.70 to 58.70): BM005233.D (-99) (-)



#28

Naphthalene

Concen: 317.33 ng/uL

RT: 10.64 min Scan# 1352

Delta R.T. 0.03 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

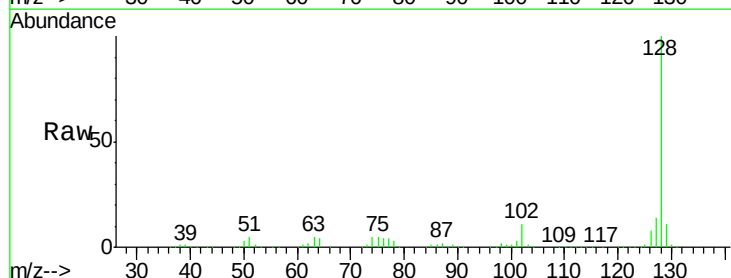
Tgt Ion: 128 Resp: 7657982

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

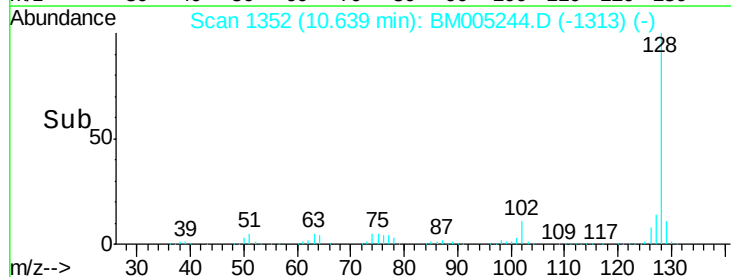
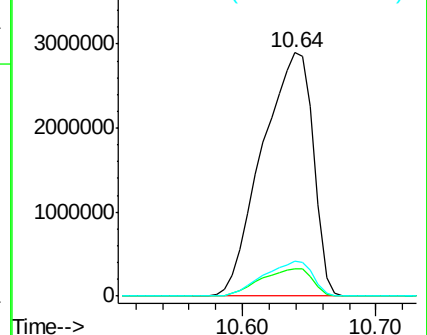
127 14.1 10.8 16.2

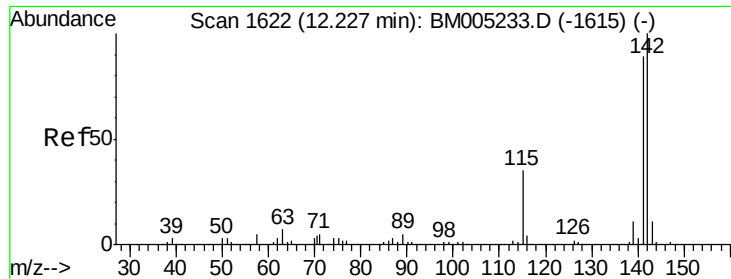


Abundance Ion 128.00 (127.70 to 128.70): BM005233.D (-1340) (-)

Ion 129.00 (128.70 to 129.70): BM005233.D (-1340) (-)

Ion 127.00 (126.70 to 127.70): BM005233.D (-1340) (-)

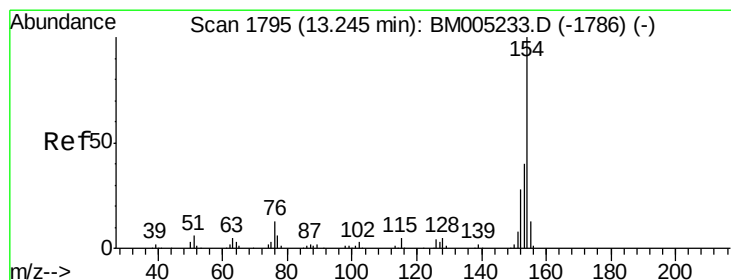
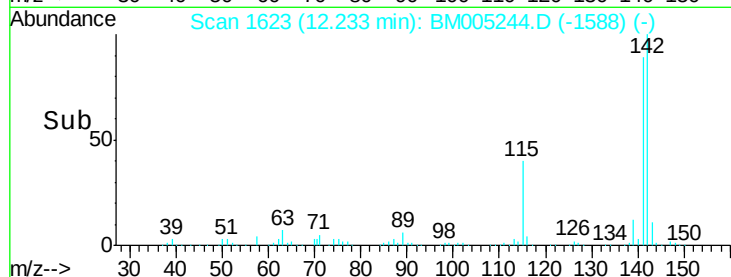
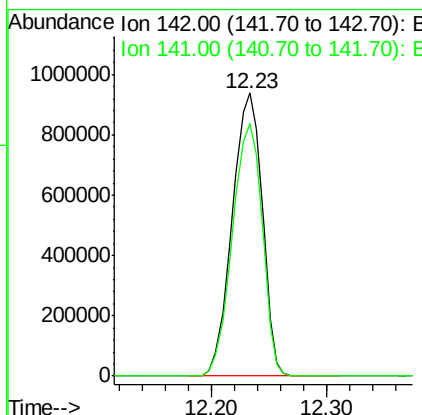
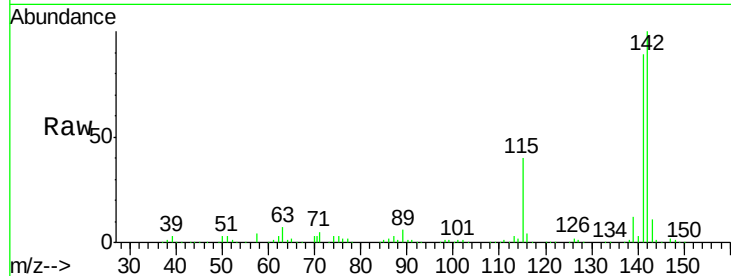




#34
 2-Methylnaphthalene
 Concen: 93.86 ng/ul
 RT: 12.23 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BM005244.D
 Acq: 05 May 2016 20:51

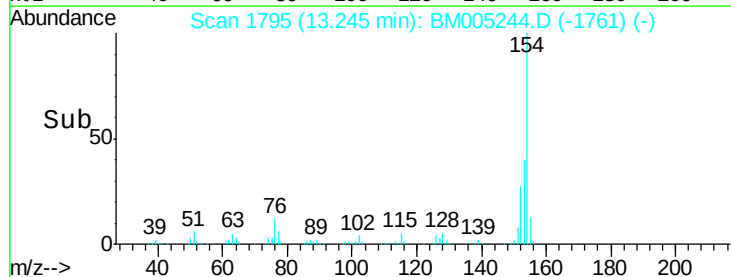
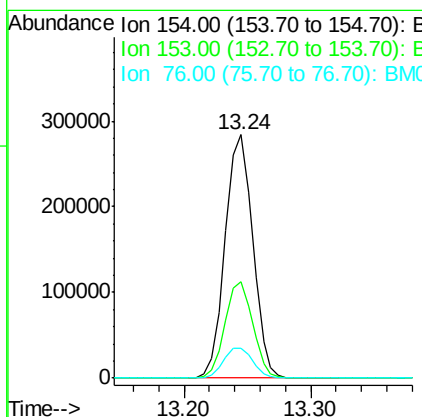
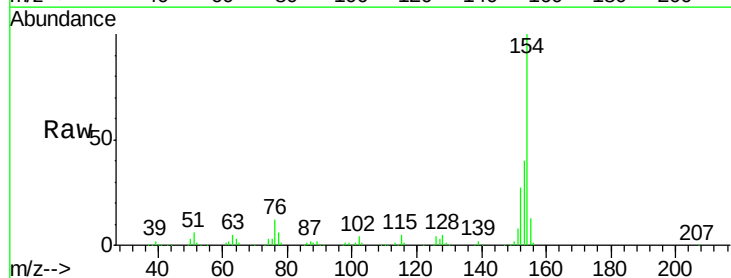
Instrument :
 BNA_M
 ClientSampleId :
 BC7M7

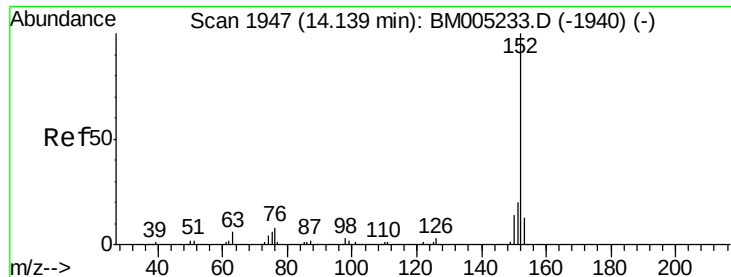
Tgt Ion:142 Resp: 1694107
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.3 106.9



#40
 1,1'-Biphenyl
 Concen: 17.56 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BM005244.D
 Acq: 05 May 2016 20:51

Tgt Ion:154 Resp: 429947
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.1 48.1
 76 12.5 10.6 15.8





#47

Acenaphthylene

Concen: 3.10 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

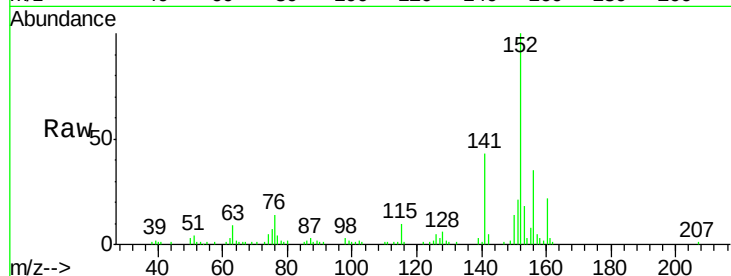
Instrument :

BNA_M

ClientSampleId :

BC7M7

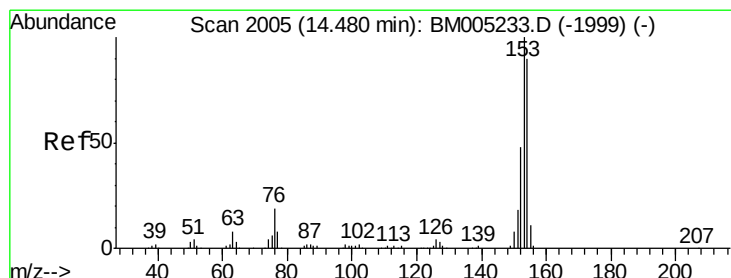
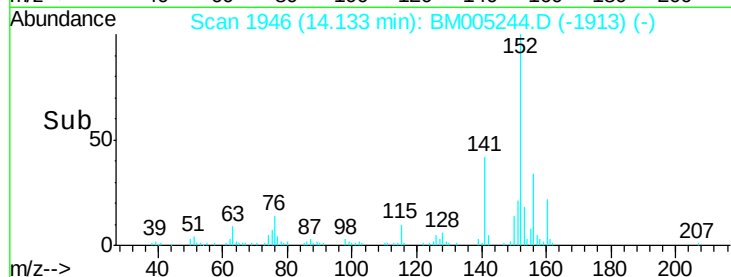
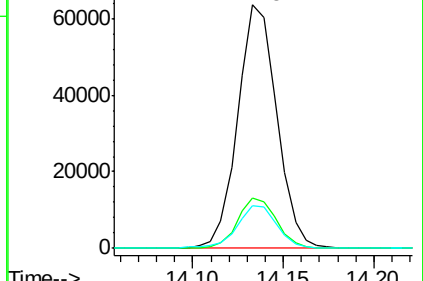
Tgt Ion:	152	Resp:	95340
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.0	24.0
153	17.8	10.3	15.5#



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: 47.29 ng/ul

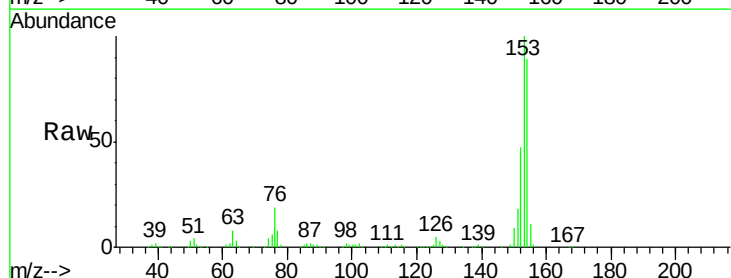
RT: 14.48 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

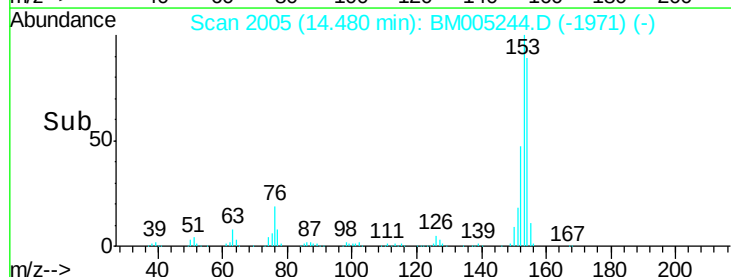
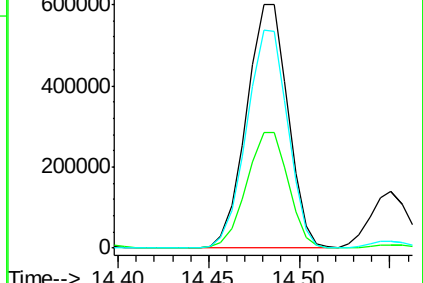
Tgt Ion:	153	Resp:	957776
Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.9	58.3
154	89.4	70.3	105.5

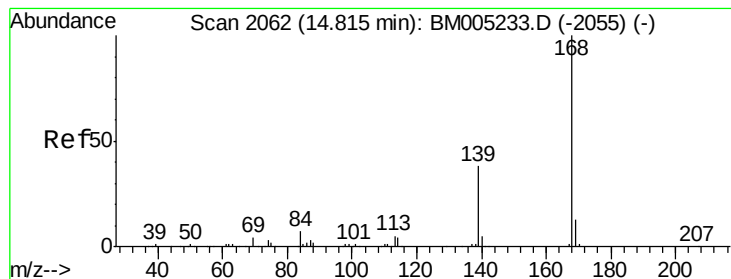


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 41.66 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

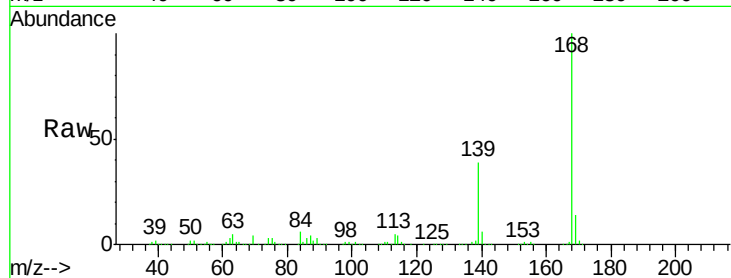
BC7M7

Tgt Ion:168 Resp: 1224259

Ion Ratio Lower Upper

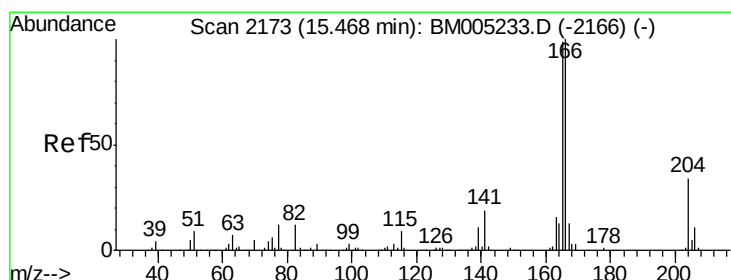
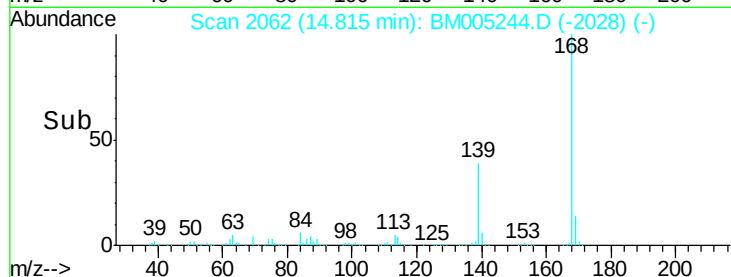
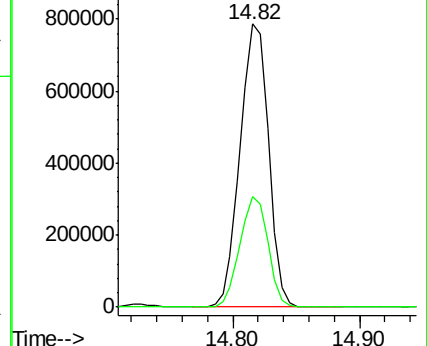
168 100

139 39.1 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: 40.28 ng/ul

RT: 15.47 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

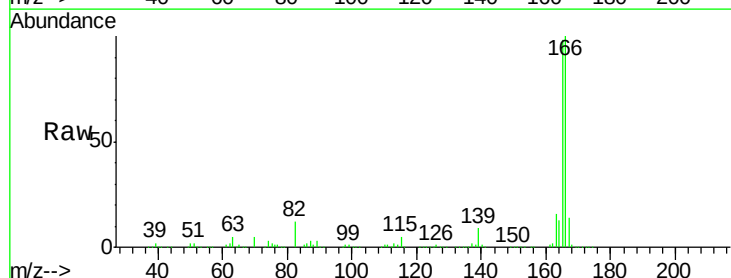
Tgt Ion:166 Resp: 925514

Ion Ratio Lower Upper

166 100

165 98.1 77.9 116.9

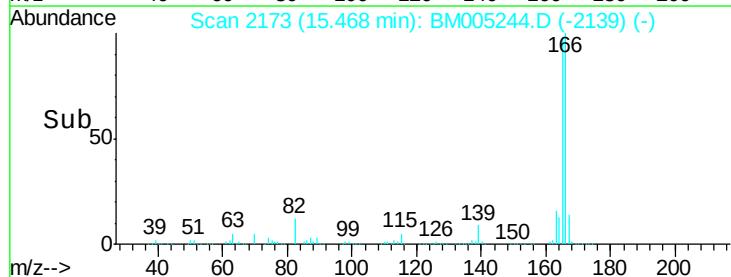
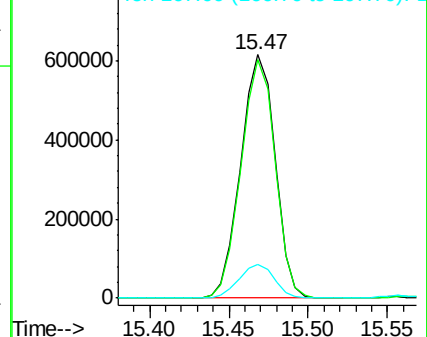
167 13.8 10.6 16.0

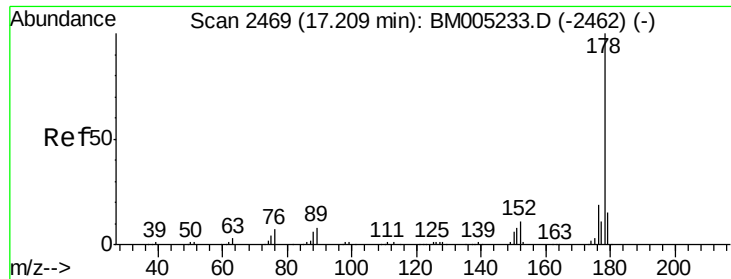


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 47.45 ng/ul

RT: 17.21 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

BC7M7

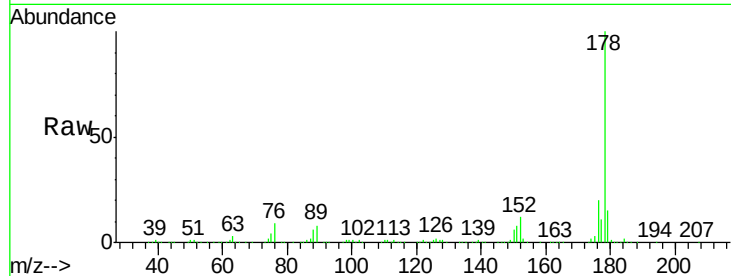
Tgt Ion:178 Resp: 1852046

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

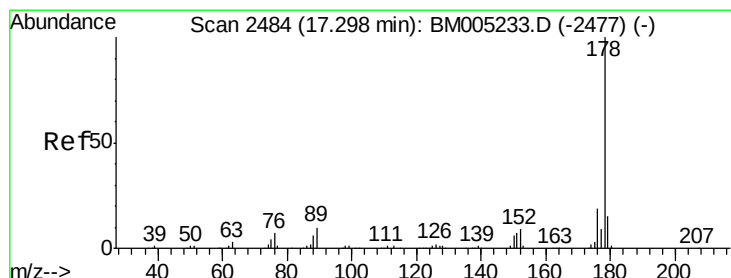
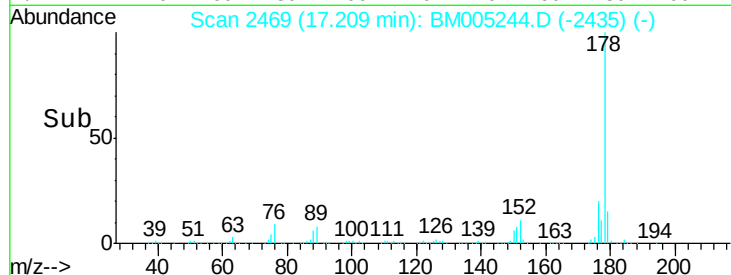
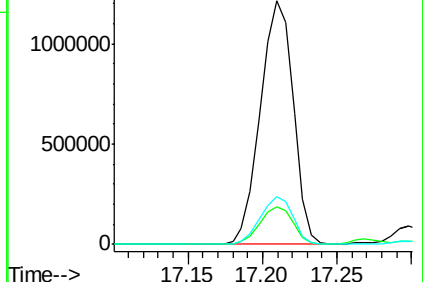
176 19.8 15.2 22.8



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: 3.42 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

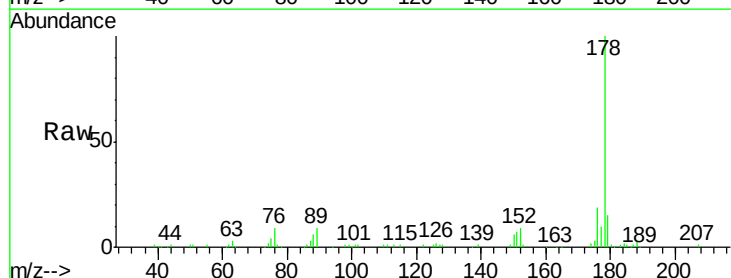
Tgt Ion:178 Resp: 133071

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

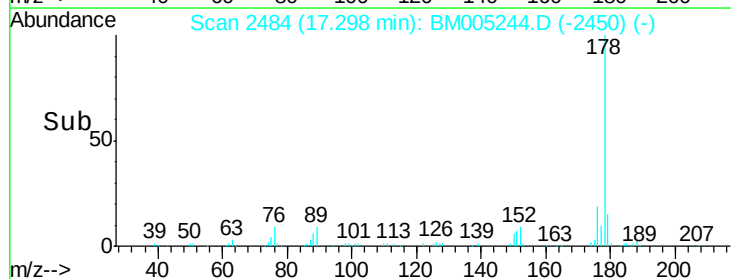
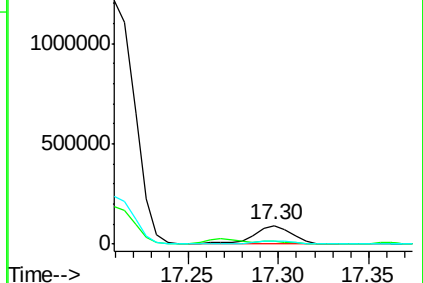
176 18.6 15.1 22.7

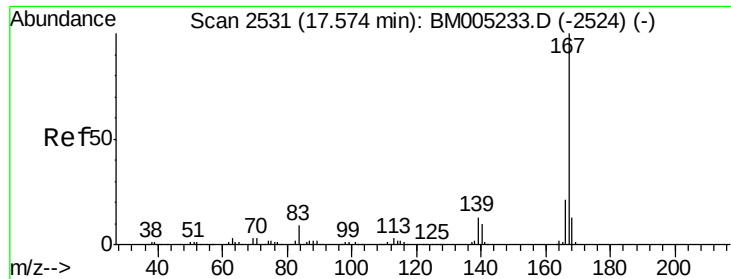


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 16.76 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

Instrument :

BNA_M

ClientSampled :

BC7M7

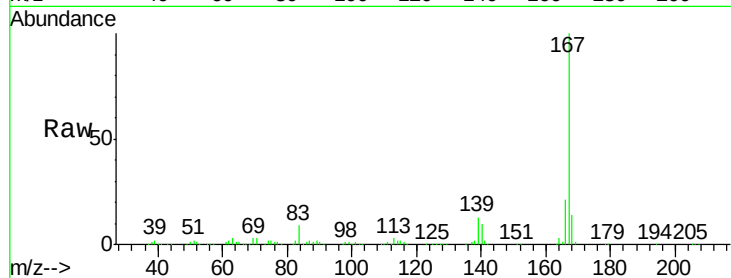
Tgt Ion:167 Resp: 573960

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

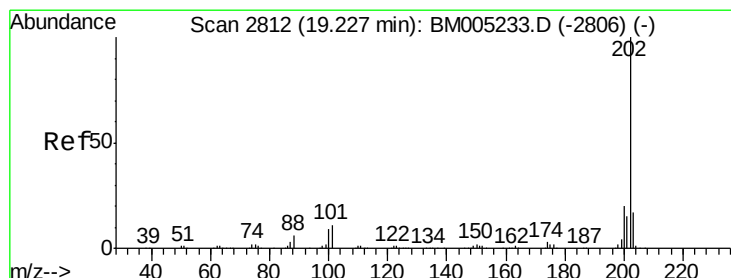
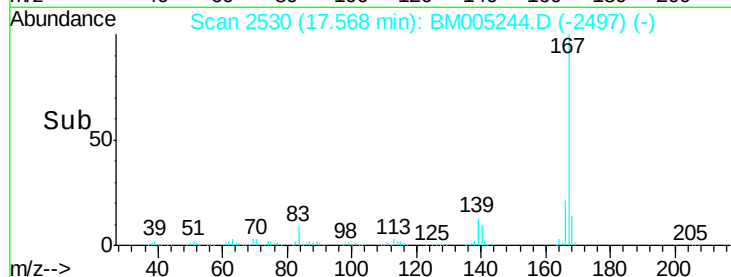
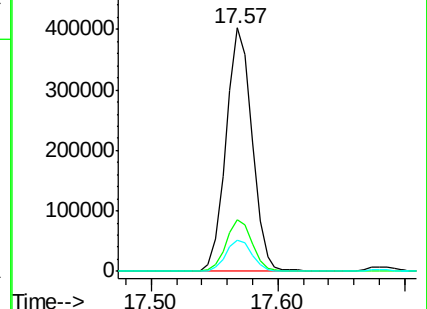
139 12.8 10.2 15.2



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



#74

Fluoranthene

Concen: 8.70 ng/ul

RT: 19.23 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BM005244.D

Acq: 05 May 2016 20:51

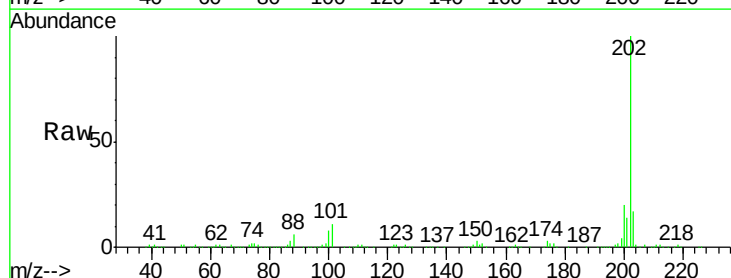
Tgt Ion:202 Resp: 376099

Ion Ratio Lower Upper

202 100

101 10.9 9.2 13.8

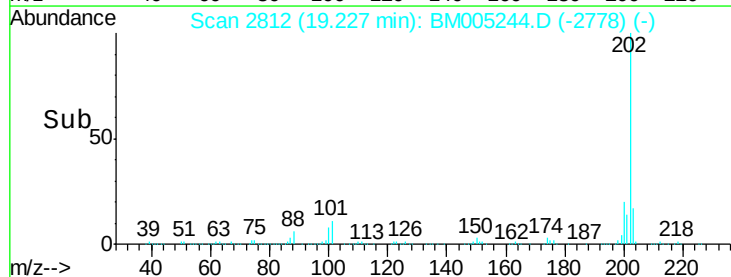
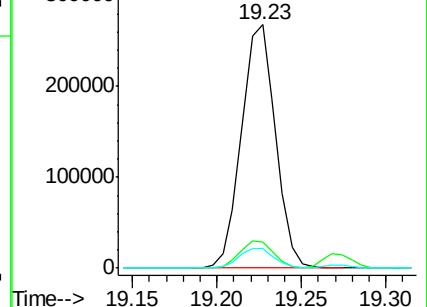
100 8.3 7.1 10.7

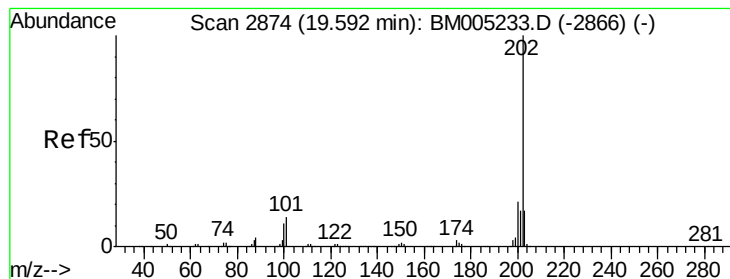


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 4.46 ng/ul

RT: 19.59 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BM005244.D

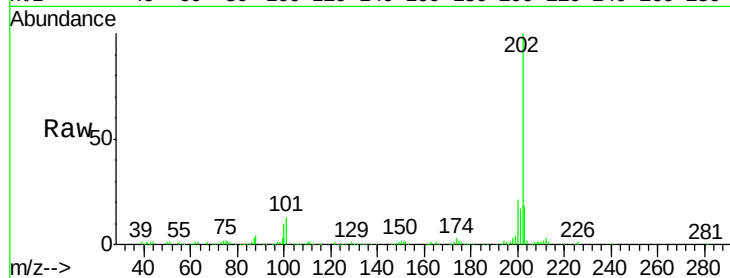
Acq: 05 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

BC7M7



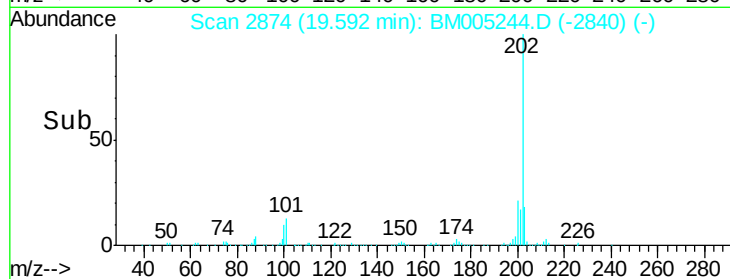
Tgt Ion:202 Resp: 226688

Ion Ratio Lower Upper

202 100

101 13.1 10.8 16.2

100 10.3 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

