

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005257.D
 Acq On : 06 May 2016 04:47
 Operator : UM/SJ
 Sample : H2813-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7T5

Manual Integrations
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 5/6/2016 7:15:19 PM

Quant Time: May 06 06:10:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:26:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	464591	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	299866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	705161	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	852913	20.00	ng/ul	-0.01
83) Perylene-d12	23.63	264	833381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2553	1.24	ng/uL	0.00
5) Phenol-d5	6.95	99	53920	6.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	132084	26.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	146295	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	106376	14.71	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	98076	29.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	112995	30.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	186222	26.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	33959m	4.04	ng/ul	0.05
43) Dimethylphthalate-d6	13.83	166	678378	28.22	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	809850	28.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	27409	6.25	ng/ul	0.00
57) Fluorene-d10	15.41	176	599571	28.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	120993	30.50	ng/ul	0.00
70) Anthracene-d10	17.27	188	927100	29.74	ng/ul	0.00
76) Pyrene-d10	19.56	212	1109201	28.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1120940	30.39	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	11095	2.97	ng/uL	98
28) Naphthalene	10.64	128	7399204	316.54	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	2003592	114.60	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	853325	35.92	ng/ul	99
47) Acenaphthylene	14.13	152	139751	4.69	ng/ul#	94
49) Acenaphthene	14.49	153	1688987	85.93	ng/ul	99
53) Dibenzofuran	14.82	168	2132917	74.79	ng/ul	96
58) Fluorene	15.47	166	1385186	62.12	ng/ul	100
69) Phenanthrene	17.22	178	2874130	77.52	ng/ul	99
71) Anthracene	17.30	178	230033	6.22	ng/ul	99
72) Carbazole	17.57	167	683844	21.03	ng/ul	99
74) Fluoranthene	19.23	202	703823	17.13	ng/ul	97
77) Pyrene	19.59	202	441614	8.93	ng/ul	97

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

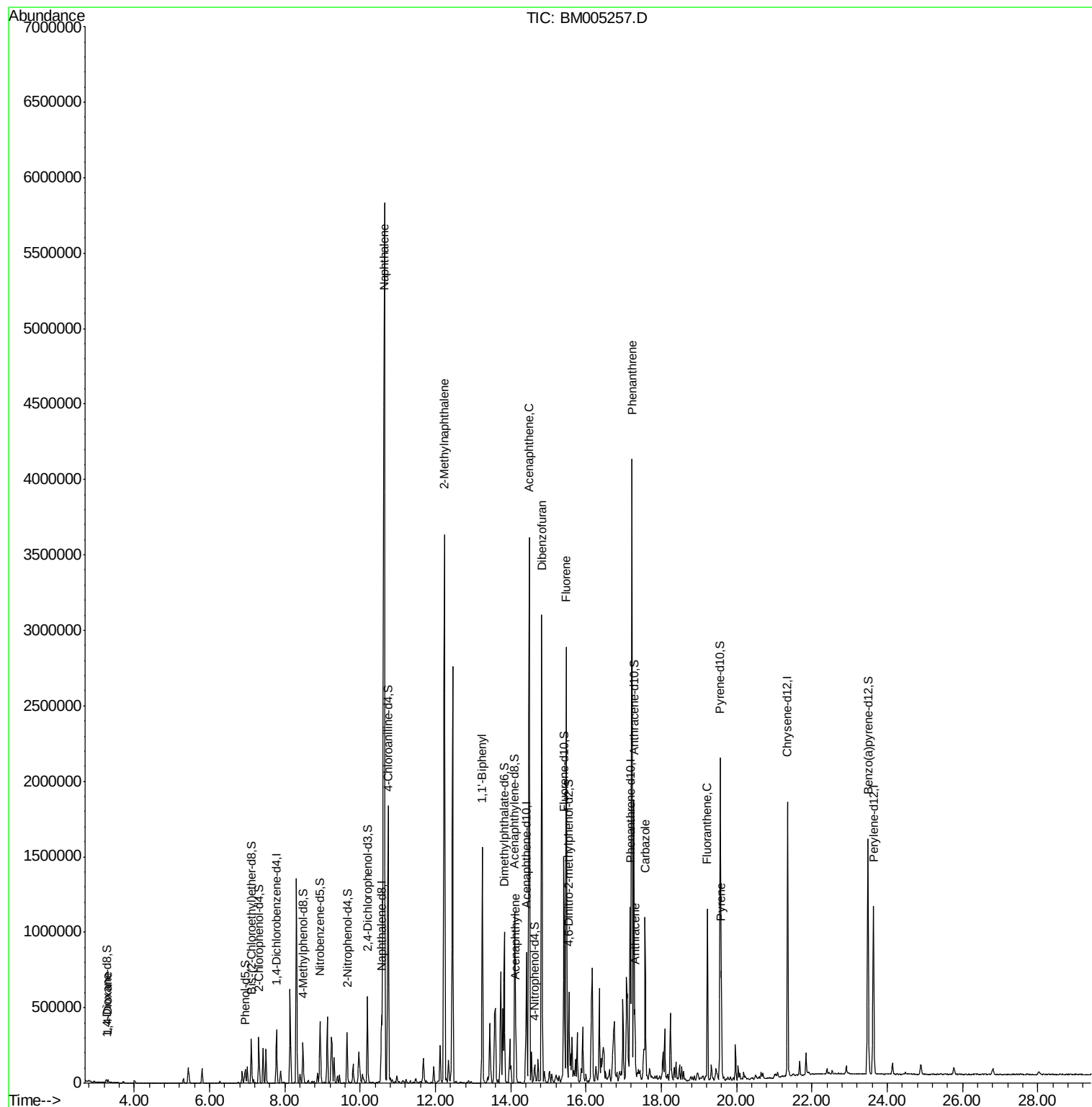
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
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ALS Vial : 29 Sample Multiplier: 1

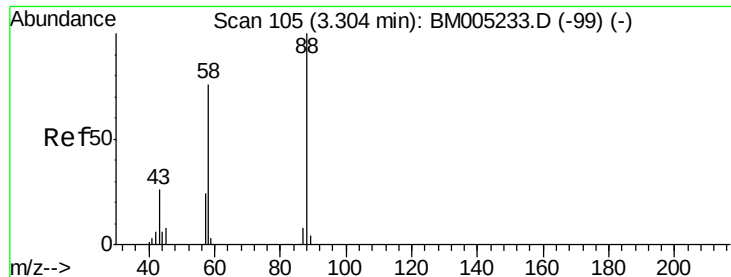
Instrument :
BNA_M
ClientSampleId :
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Quant Time: May 06 06:10:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:26:22 2016
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.97 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. -0.00 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Instrument :

BNA_M

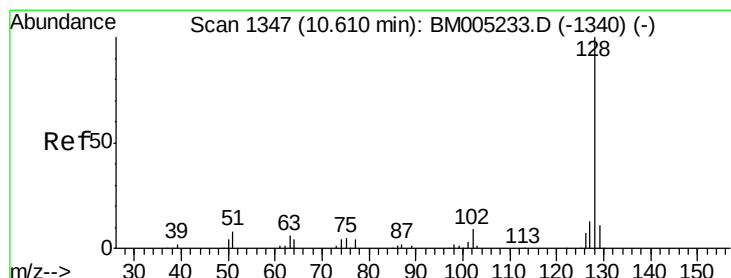
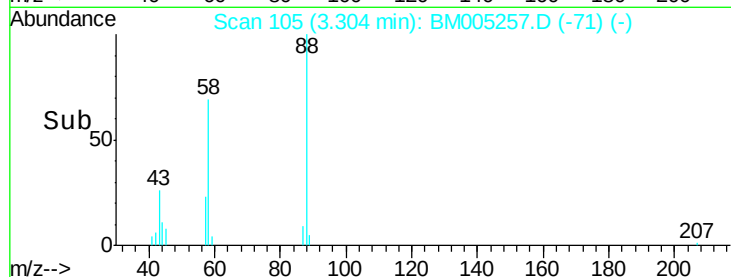
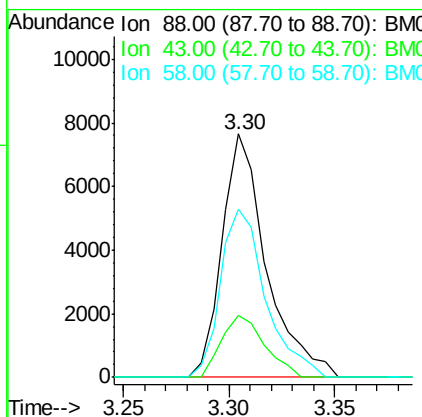
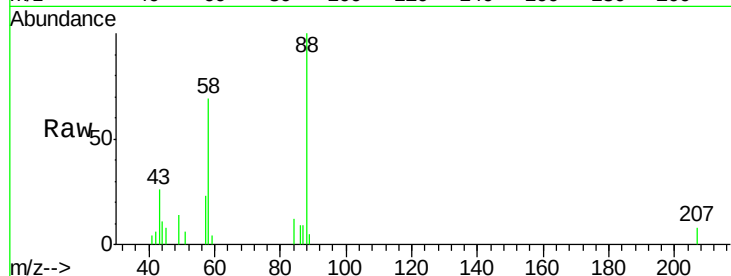
ClientSampled :

BC7T5

Tgt Ion:	88	Resp:	11095
Ion	Ratio	Lower	Upper
88	100		
43	24.8	19.3	28.9
58	70.5	57.9	86.9

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#28

Naphthalene

Concen: 316.54 ng/uL

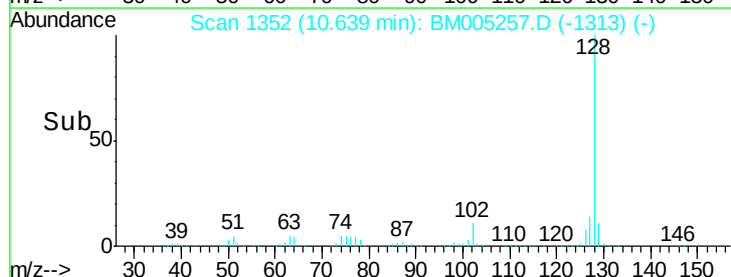
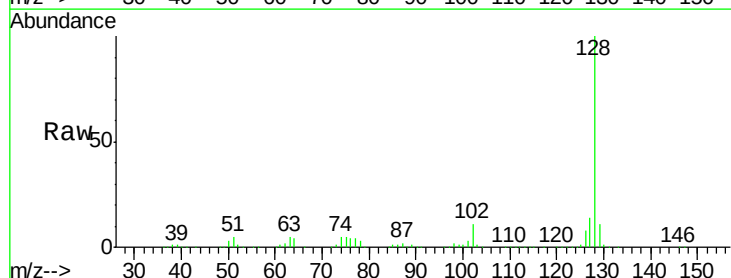
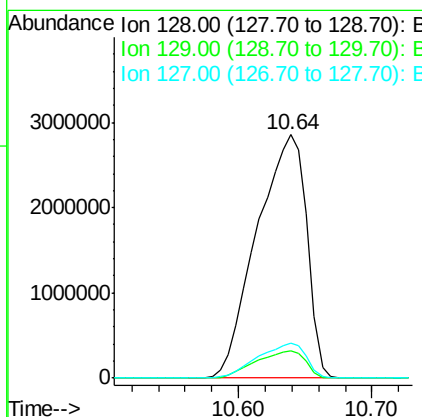
RT: 10.64 min Scan# 1352

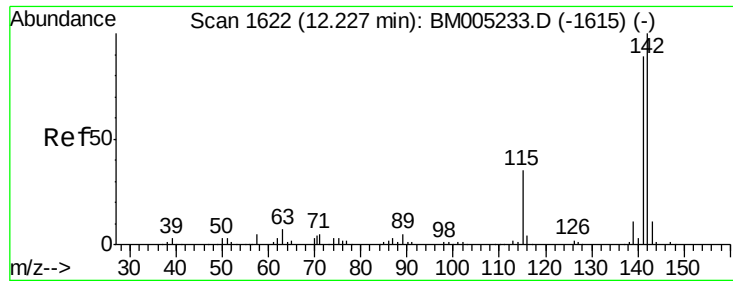
Delta R.T. 0.03 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Tgt Ion:	128	Resp:	7399204
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	14.2	10.8	16.2





#34

2-Methylnaphthalene

Concen: 114.60 ng/ul

RT: 12.23 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:142 Resp: 2003592

Ion Ratio Lower Upper

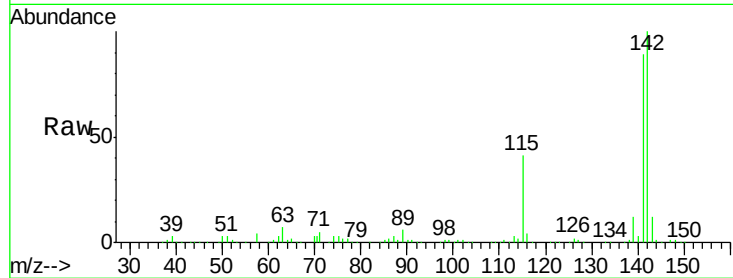
142 100

141 89.4 71.3 106.9

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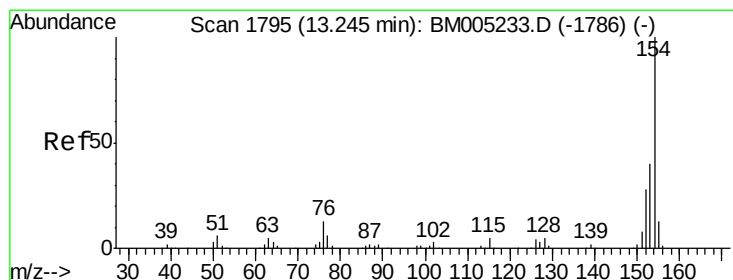
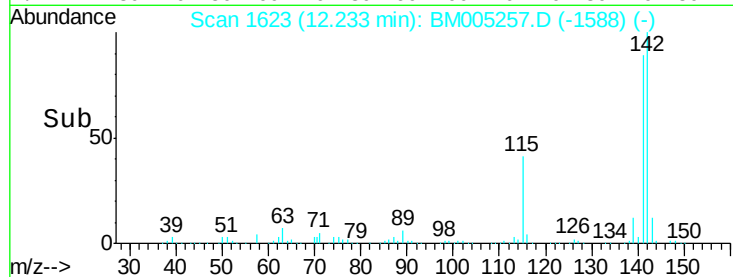
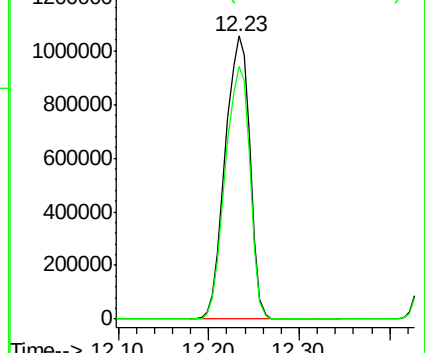
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 35.92 ng/ul

RT: 13.24 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

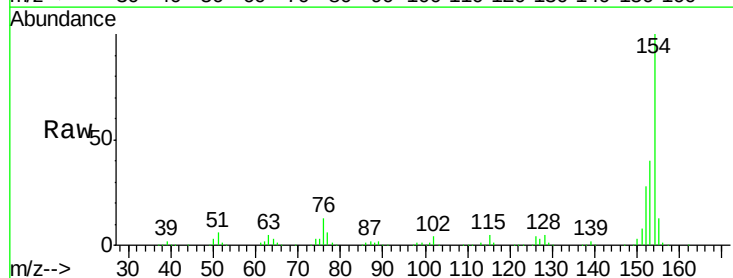
Tgt Ion:154 Resp: 853325

Ion Ratio Lower Upper

154 100

153 40.5 32.1 48.1

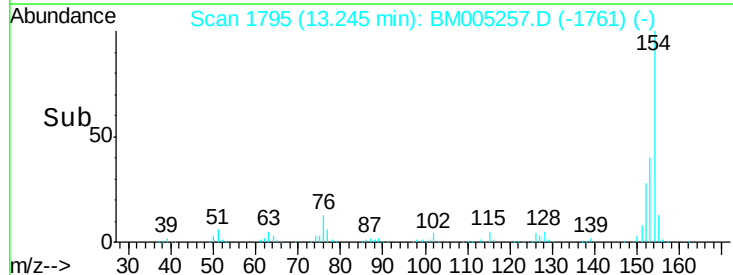
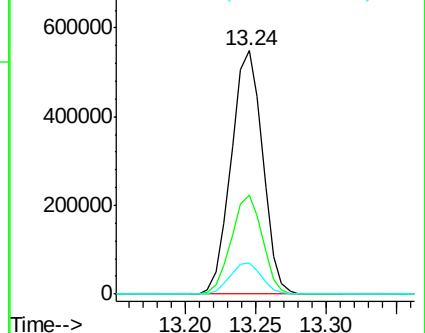
76 13.0 10.6 15.8

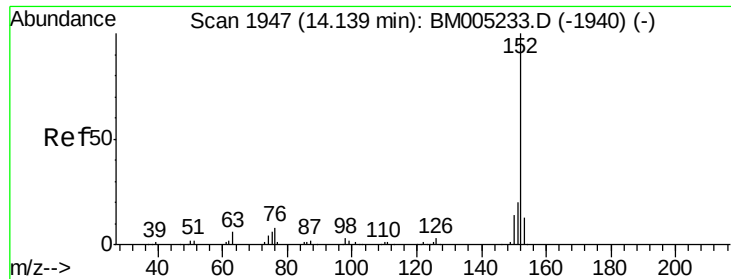


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#47

Acenaphthylene

Concen: 4.69 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM005257.D

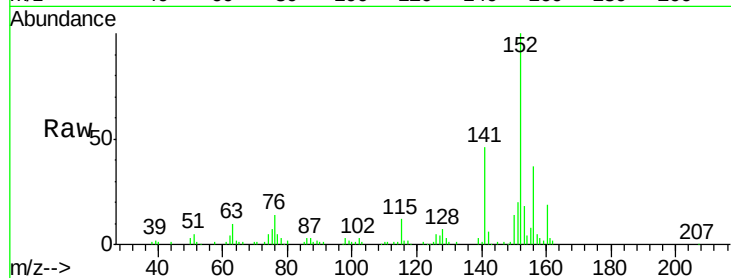
Acq: 06 May 2016 04:47

Instrument :

BNA_M

ClientSampleId :

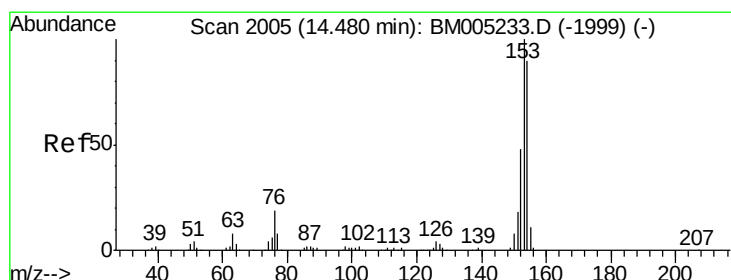
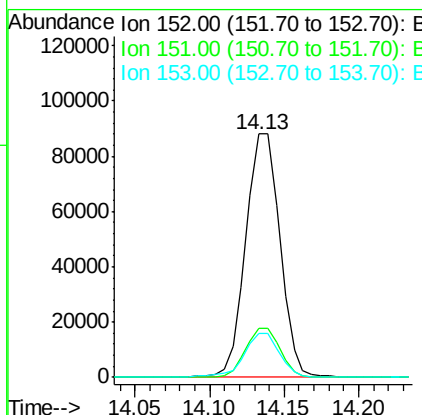
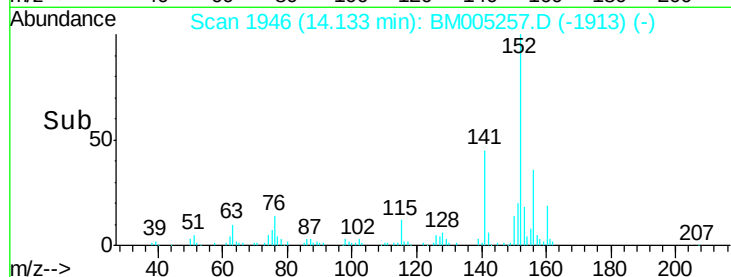
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	139751		
151	20.3	16.0	24.0	
153	18.1	10.3	15.5#	

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#49

Acenaphthene

Concen: 85.93 ng/ul

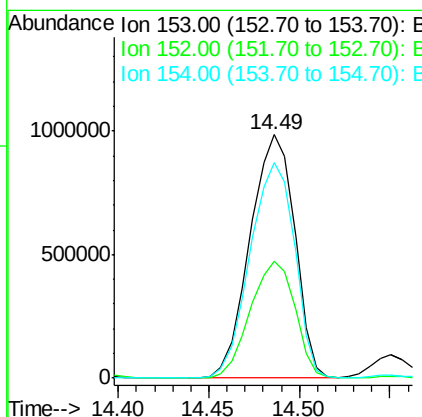
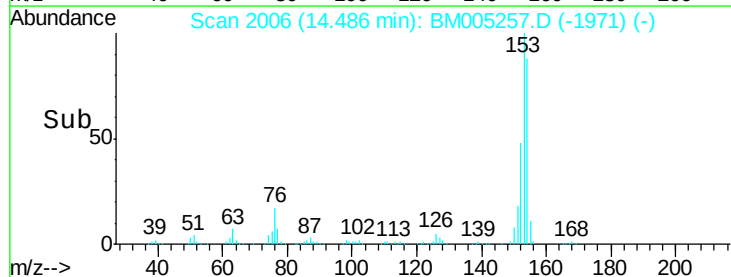
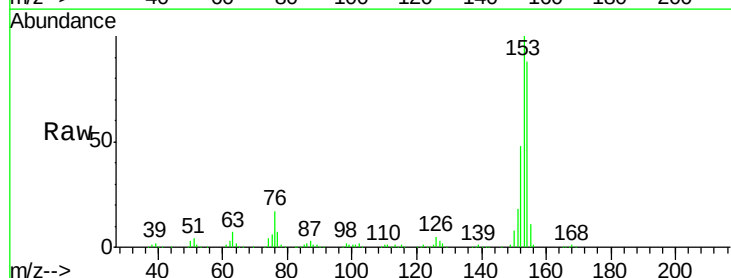
RT: 14.49 min Scan# 2006

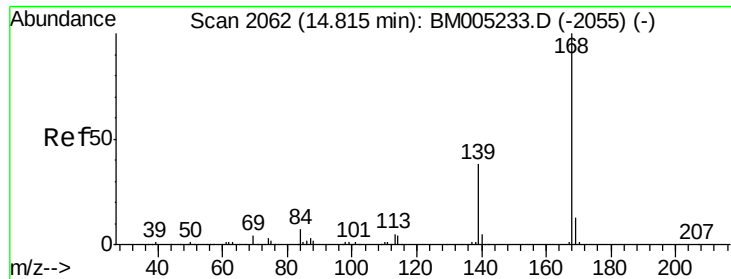
Delta R.T. 0.01 min

Lab File: BM005257.D

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Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1688987		
152	48.1	38.9	58.3	
154	88.3	70.3	105.5	





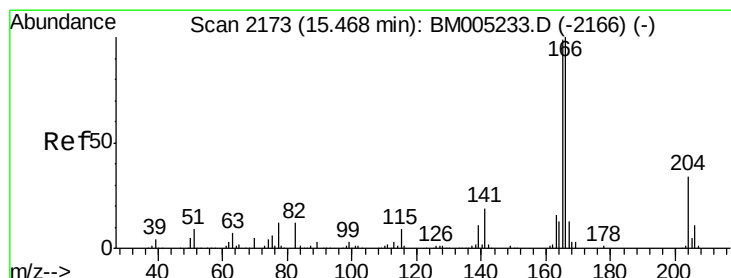
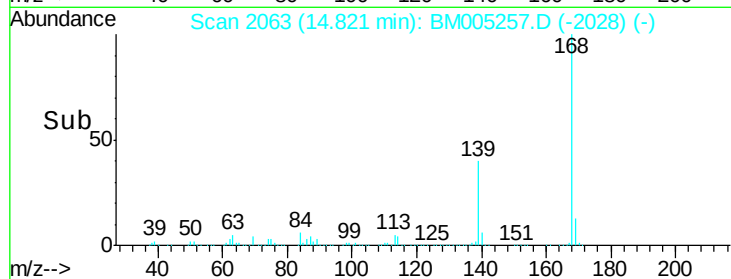
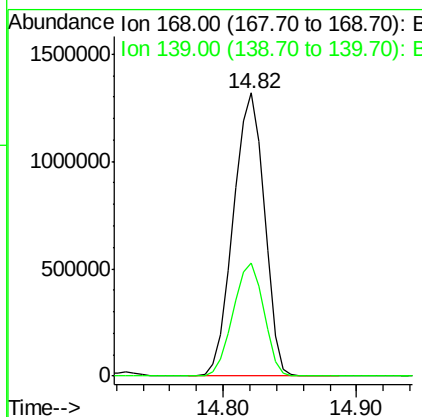
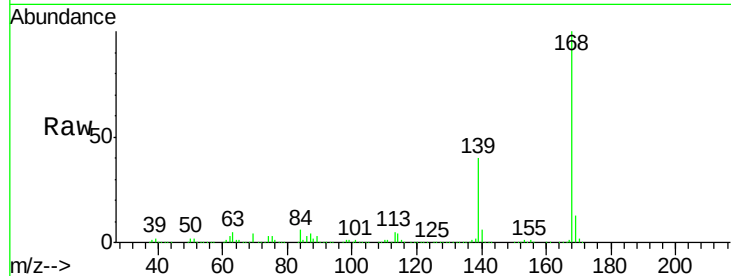
#53
Dibenzenofuran
Concen: 74.79 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM005257.D
Acq: 06 May 2016 04:47

Instrument :
BNA_M
ClientSampleId :
BC7T5

Tgt Ion:168 Resp: 2132917
Ion Ratio Lower Upper
168 100
139 40.2 30.3 45.5

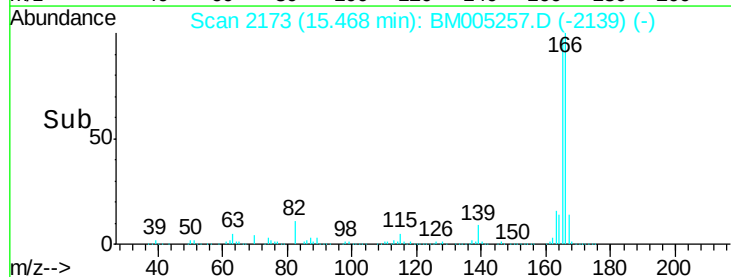
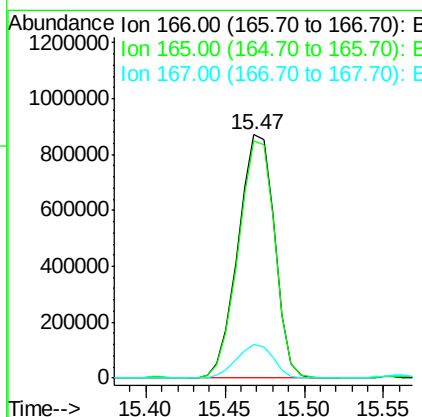
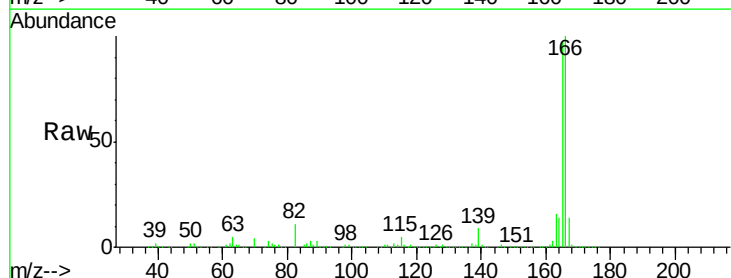
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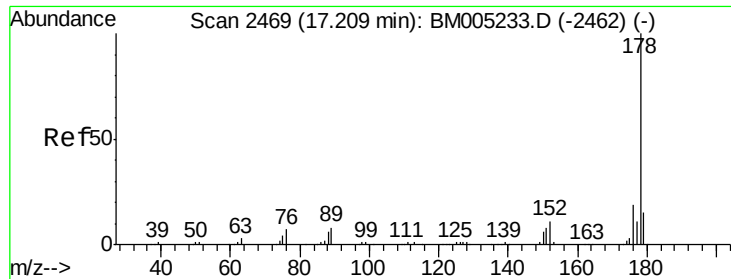
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#58
Fluorene
Concen: 62.12 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM005257.D
Acq: 06 May 2016 04:47

Tgt Ion:166 Resp: 1385186
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.6 10.6 16.0





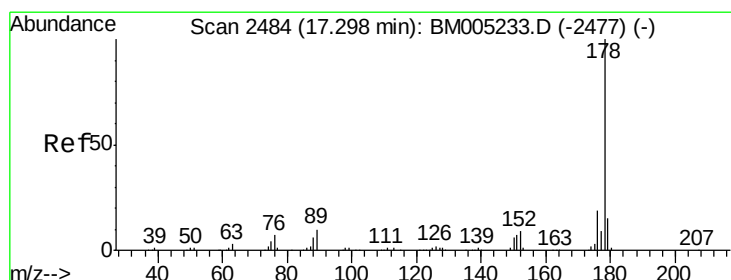
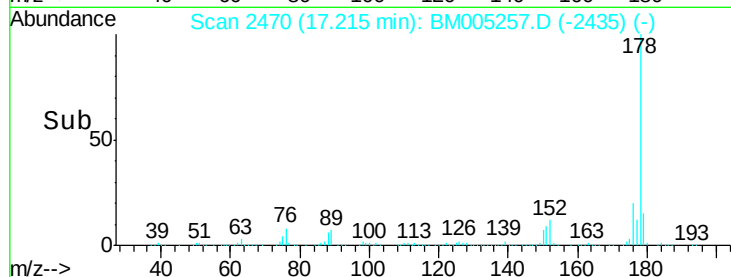
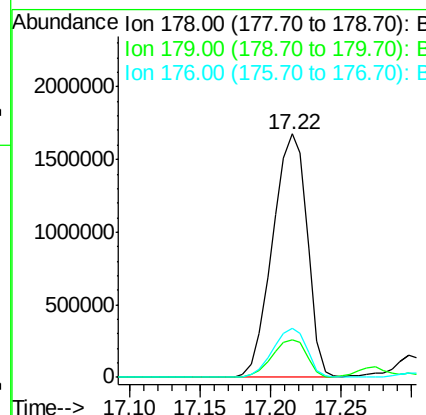
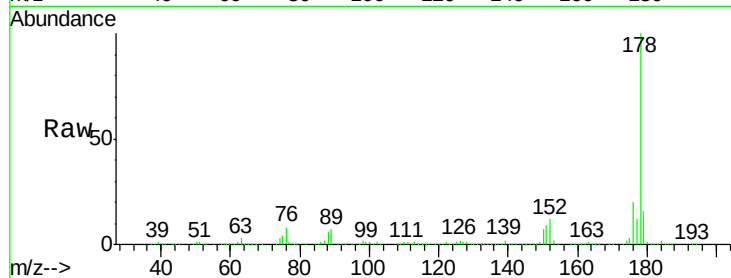
#69
 Phenanthrene
 Concen: 77.52 ng/ul
 RT: 17.22 min Scan# 2470
 Delta R.T. 0.01 min
 Lab File: BM005257.D
 Acq: 06 May 2016 04:47

Instrument :
 BNA_M
 ClientSampleId :
 BC7T5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	20.0	15.2	22.8

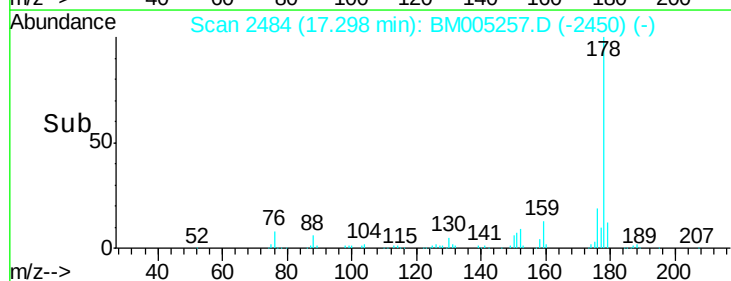
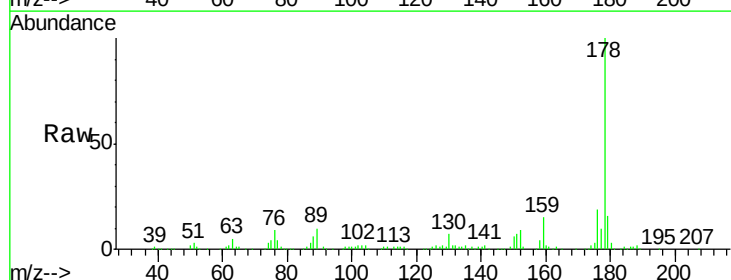
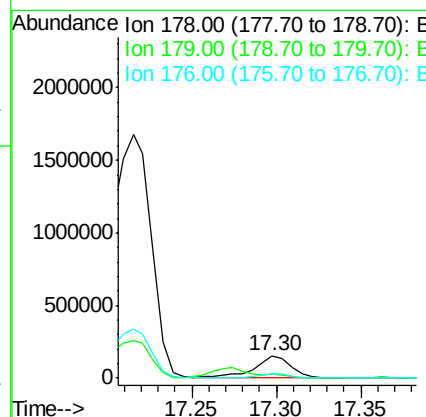
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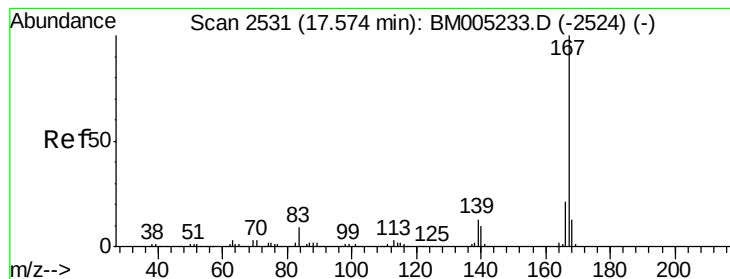
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#71
 Anthracene
 Concen: 6.22 ng/ul
 RT: 17.30 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM005257.D
 Acq: 06 May 2016 04:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	19.1	15.1	22.7





#72

Carbazole

Concen: 21.03 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005257.D

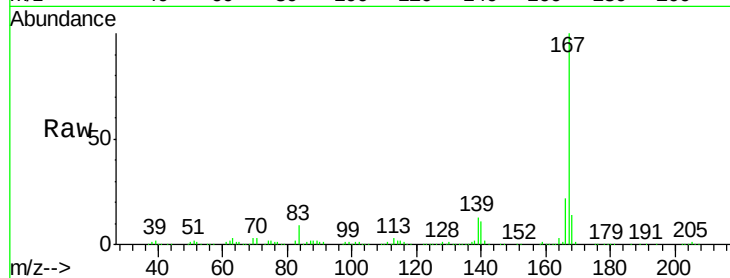
Acq: 06 May 2016 04:47

Instrument :

BNA_M

ClientSampleId :

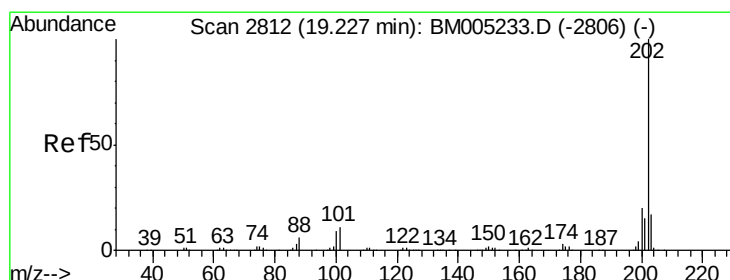
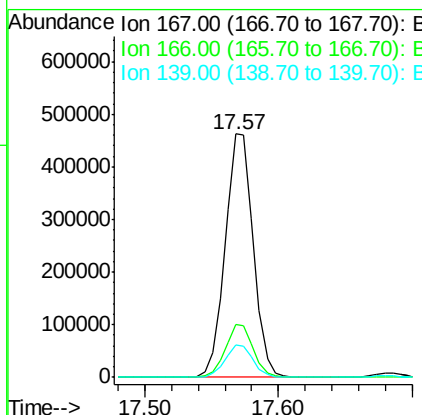
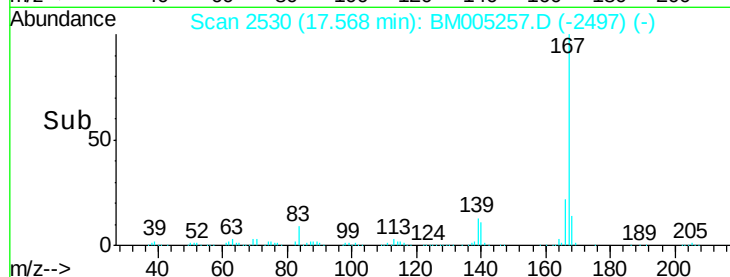
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Tgt Ion:	167	Resp:	683844
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.1	25.7
139	13.5	10.2	15.2

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#74

Fluoranthene

Concen: 17.13 ng/ul

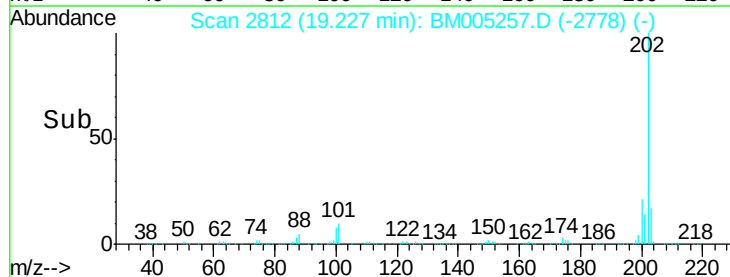
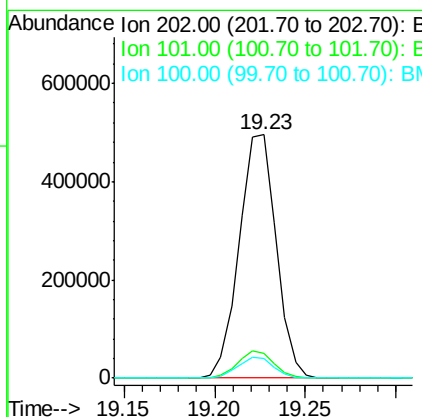
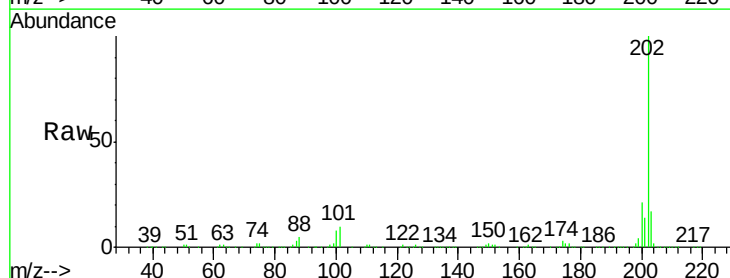
RT: 19.23 min Scan# 2812

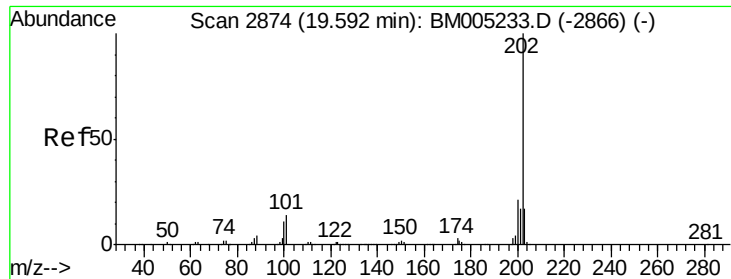
Delta R.T. -0.00 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Tgt Ion:	202	Resp:	703823
Ion Ratio	Lower	Upper	
202	100		
101	10.4	9.2	13.8
100	8.1	7.1	10.7





#77
 Pyrene
 Concen: 8.93 ng/ul
 RT: 19.59 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BM005257.D
 Acq: 06 May 2016 04:47

Instrument :
 BNA_M
 ClientSampleId :
 BC7T5

Tgt	Ion	202	Resp	441614
Ion	Ratio	Lower	Upper	
202	100			
101	12.0	10.8	16.2	
100	9.9	8.4	12.6	

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