

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005249.D
 Acq On : 05 May 2016 23:53
 Operator : UM/SJ
 Sample : H2813-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7R9

Manual Integrations
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Quant Time: May 06 11:43:08 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	79741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	393964	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	257992	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	616613	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	755291	20.00	ng/ul	-0.01
83) Perylene-d12	23.63	264	742943	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1903	1.12	ng/uL	0.00
5) Phenol-d5	6.95	99	39318	5.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	118910	28.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	123920	22.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	81139	13.57	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	83666	29.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	95039	29.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	153609	25.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	22239m	3.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	581262	28.11	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	699805	28.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	15370	4.07	ng/ul	0.00
57) Fluorene-d10	15.41	176	510914	28.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	92457	26.65	ng/ul	0.00
70) Anthracene-d10	17.26	188	811899	29.79	ng/ul	0.00
76) Pyrene-d10	19.56	212	956541	27.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	977624	29.73	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	7303	2.36	ng/uL	97
28) Naphthalene	10.63	128	4910491	247.73	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	1527487	103.03	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	393984	19.28	ng/ul	100
47) Acenaphthylene	14.13	152	80163	3.12	ng/ul#	96
49) Acenaphthene	14.48	153	1087391	64.30	ng/ul	99
53) Dibenzofuran	14.82	168	1031089	42.02	ng/ul	99
58) Fluorene	15.47	166	745799	38.88	ng/ul	99
69) Phenanthrene	17.21	178	1507195	46.49	ng/ul	100
71) Anthracene	17.30	178	108096	3.34	ng/ul	99
72) Carbazole	17.57	167	330837	11.63	ng/ul	100
73) Di-n-butylphthalate	18.13	149	38130	1.10	ng/ul	99
74) Fluoranthene	19.22	202	242965	6.76	ng/ul	99
77) Pyrene	19.59	202	144144	3.29	ng/ul	99

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

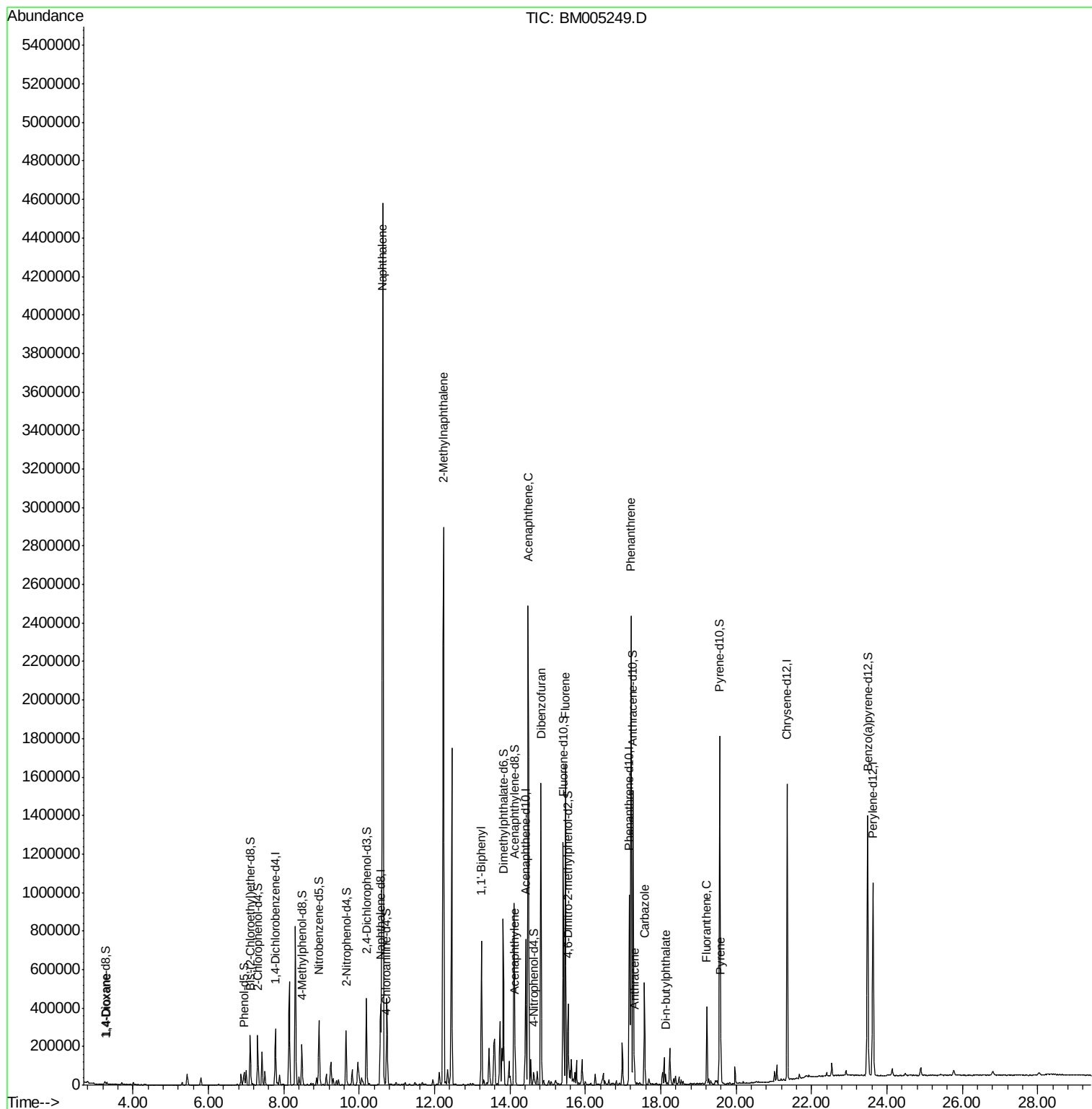
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
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ALS Vial : 22 Sample Multiplier: 1

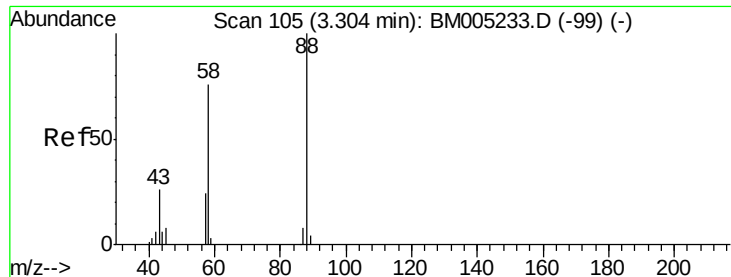
Instrument :
BNA_M
ClientSampleId :
BC7R9

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Quant Time: May 06 11:43:08 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: 2.36 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

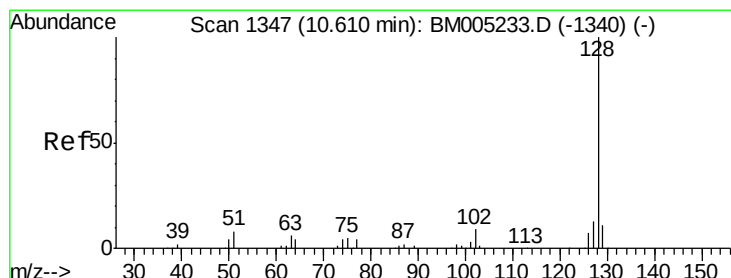
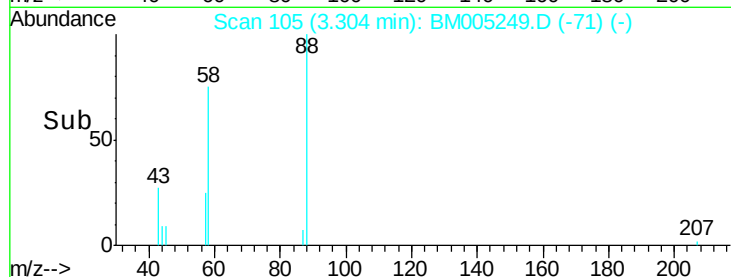
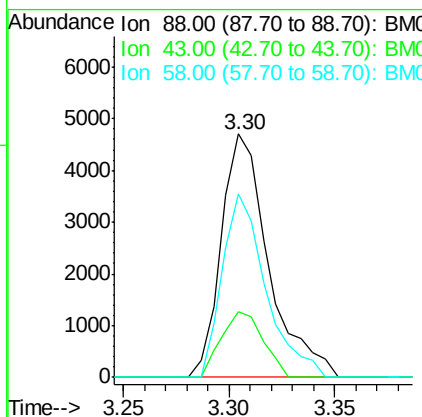
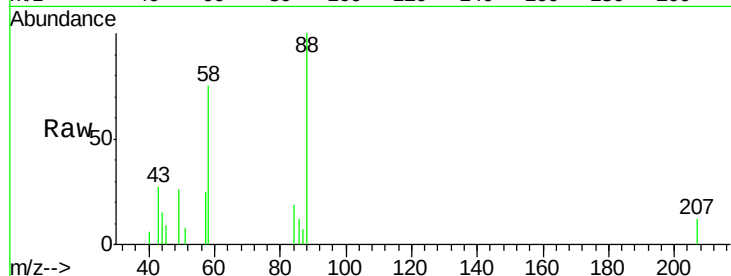
ClientSampleId :

BC7R9

Tgt Ion:	88	Resp:	7303
Ion	Ratio	Lower	Upper
88	100		
43	23.8	19.3	28.9
58	69.3	57.9	86.9

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#28

Naphthalene

Concen: 247.73 ng/uL

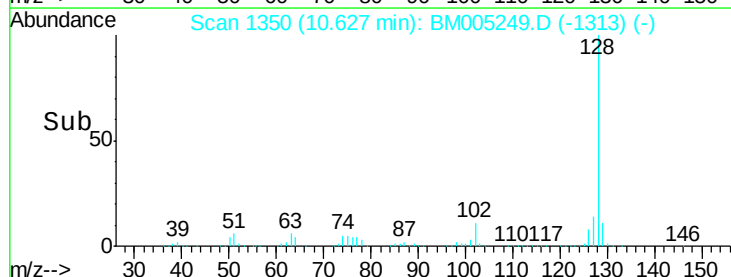
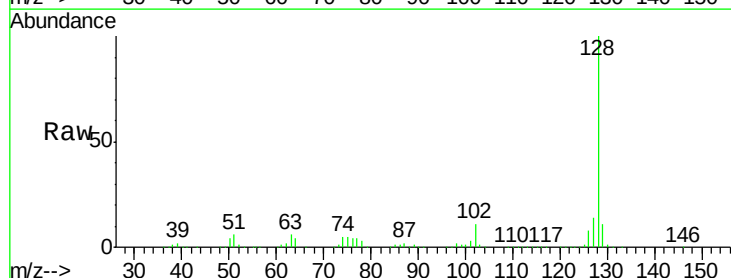
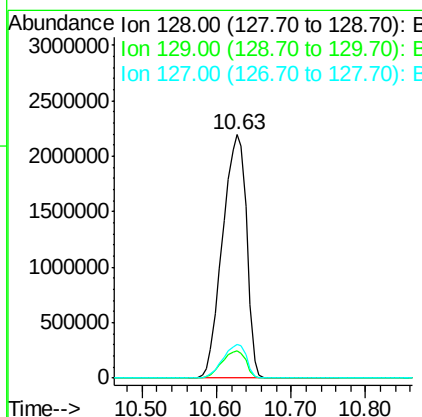
RT: 10.63 min Scan# 1350

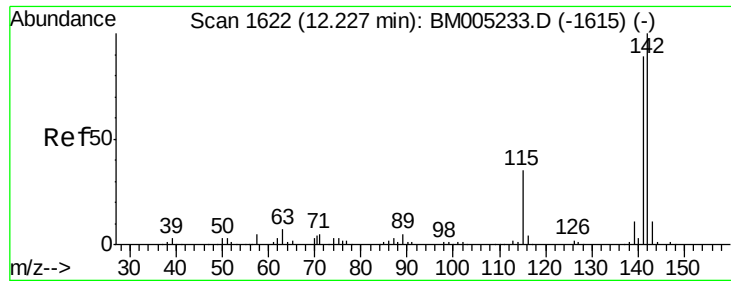
Delta R.T. 0.02 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Tgt Ion:	128	Resp:	4910491
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.4	12.6
127	13.9	10.8	16.2





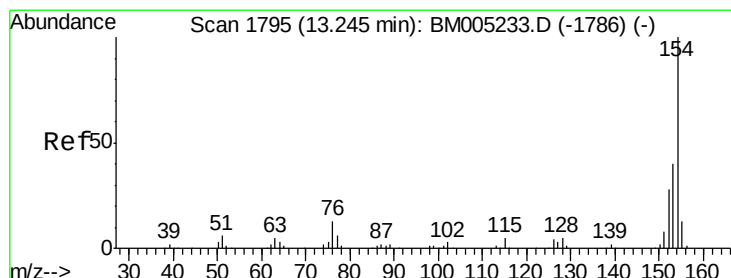
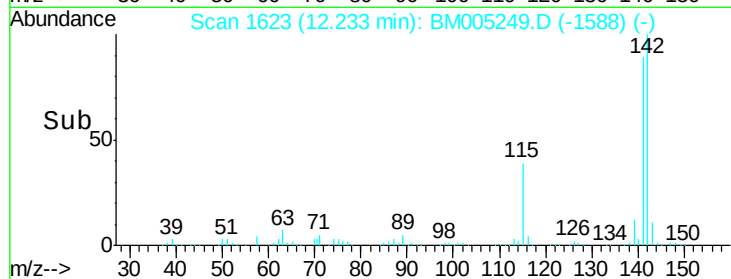
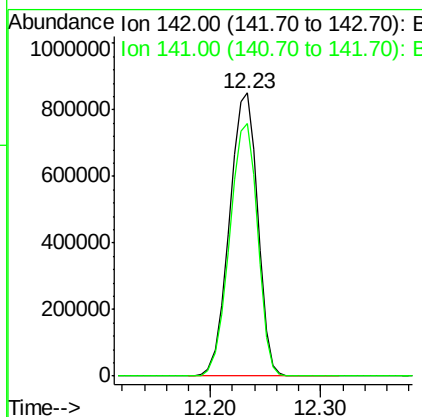
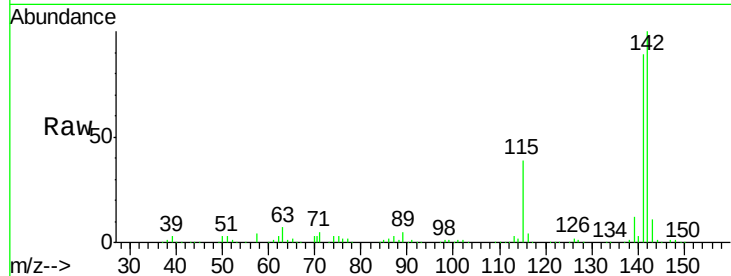
#34
 2-Methylnaphthalene
 Concen: 103.03 ng/ul
 RT: 12.23 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Instrument :
 BNA_M
 ClientSampled :
 BC7R9

Tgt Ion:142 Resp: 1527487
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.3 106.9

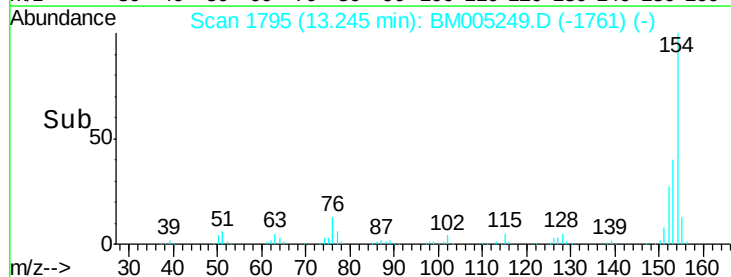
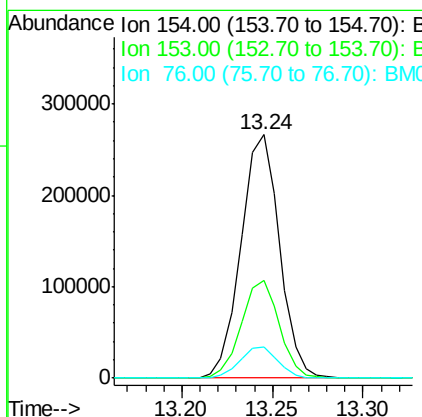
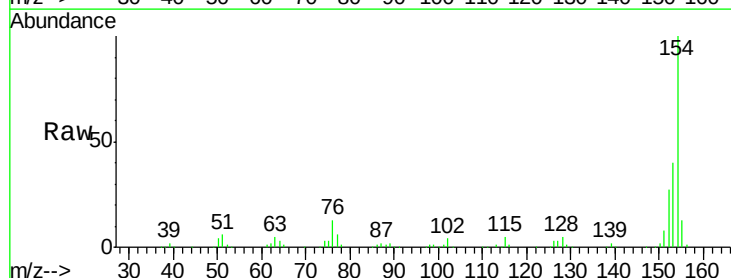
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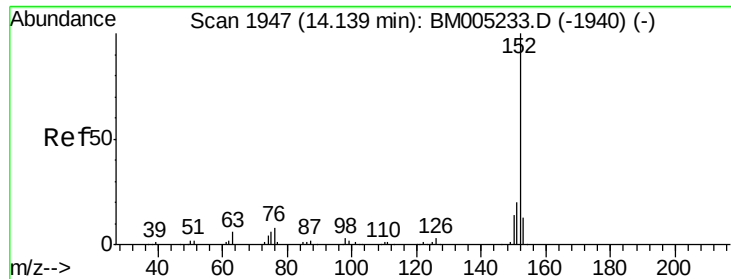
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#40
 1,1'-Biphenyl
 Concen: 19.28 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Tgt Ion:154 Resp: 393984
 Ion Ratio Lower Upper
 154 100
 153 39.9 32.1 48.1
 76 12.8 10.6 15.8





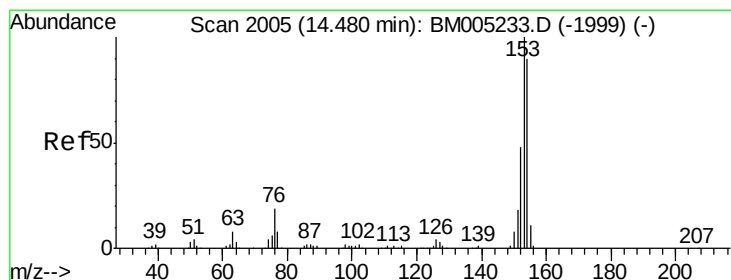
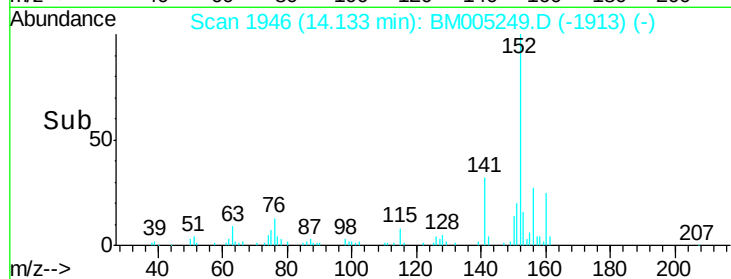
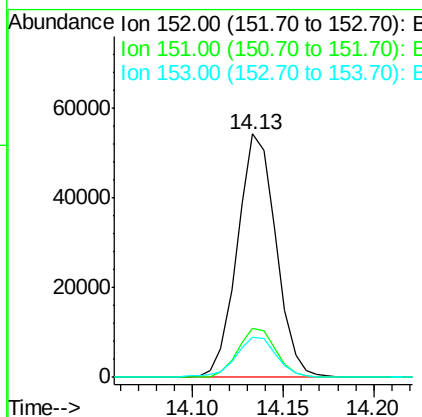
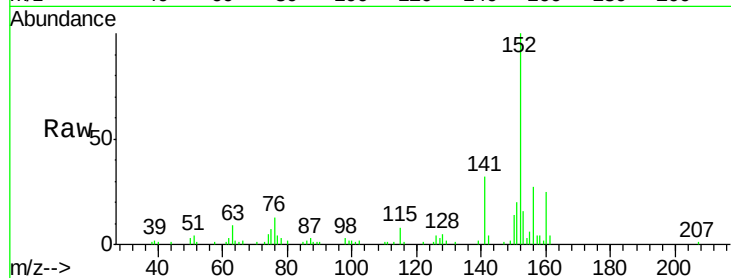
#47
Acenaphthylene
Concen: 3.12 ng/ul
RT: 14.13 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Instrument :
BNA_M
ClientSampleId :
BC7R9

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	80163		
151	20.2	16.0	24.0	
153	16.4	10.3	15.5	

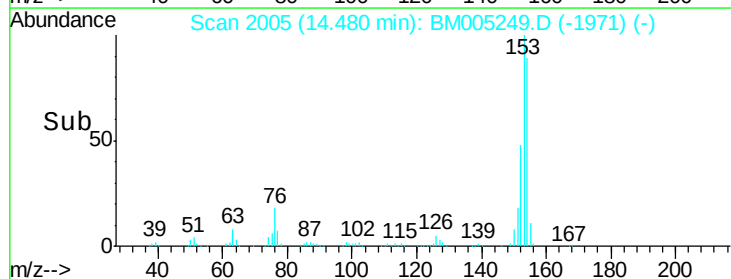
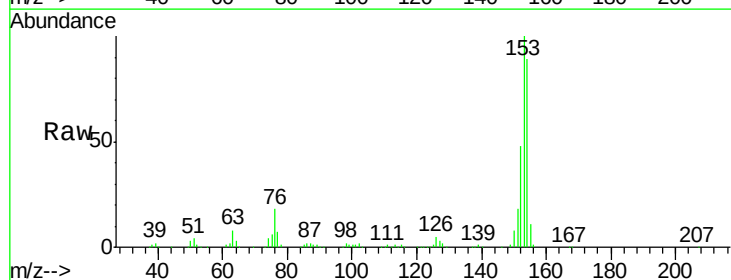
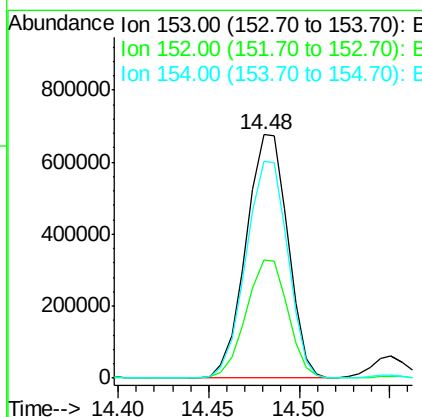
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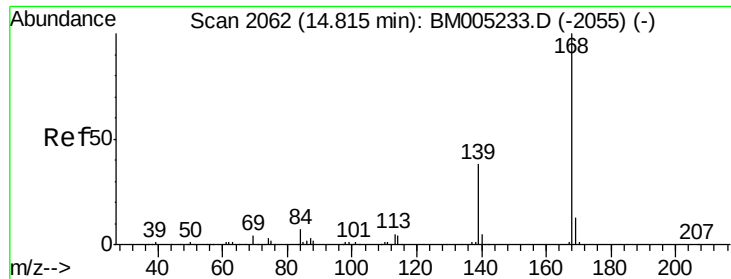
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#49
Acenaphthene
Concen: 64.30 ng/ul
RT: 14.48 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1087391		
152	48.5	38.9	58.3	
154	89.1	70.3	105.5	





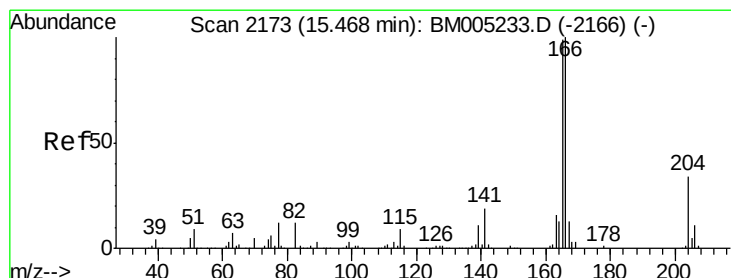
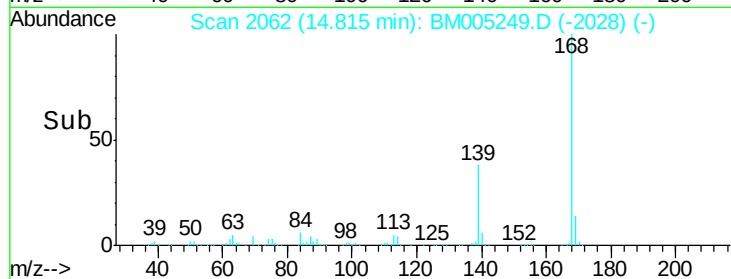
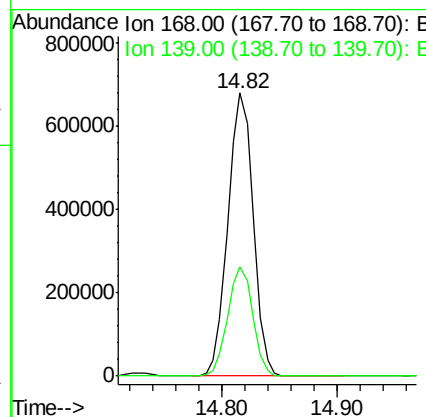
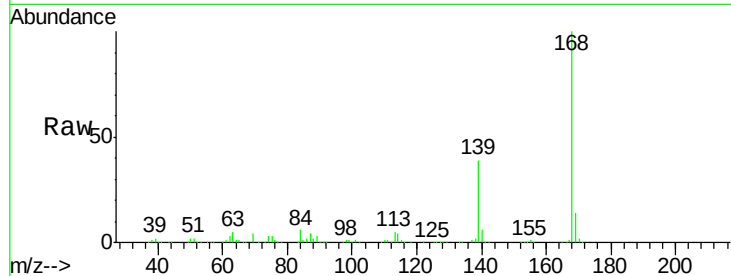
#53
Dibenzenofuran
Concen: 42.02 ng/ul
RT: 14.82 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Instrument :
BNA_M
ClientSampleId :
BC7R9

Tgt Ion:168 Resp: 1031089
Ion Ratio Lower Upper
168 100
139 38.5 30.3 45.5

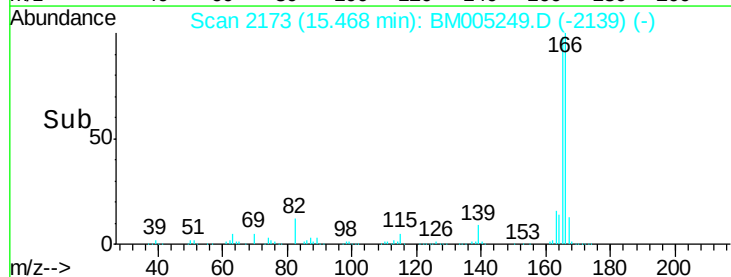
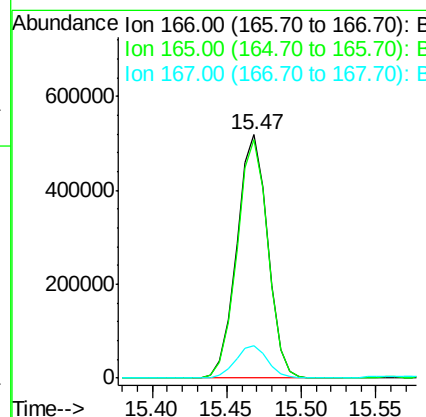
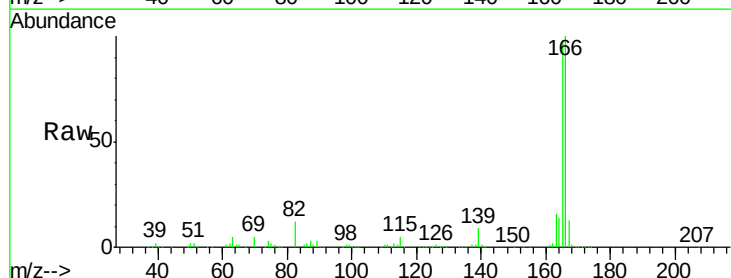
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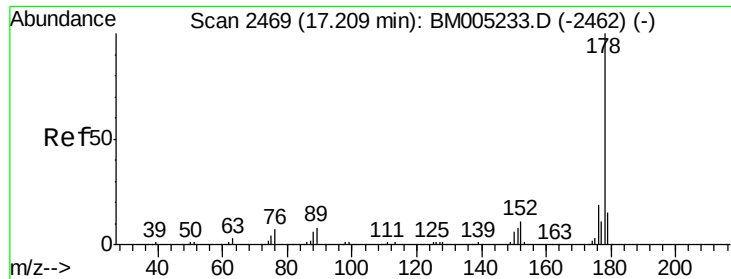
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#58
Fluorene
Concen: 38.88 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion:166 Resp: 745799
Ion Ratio Lower Upper
166 100
165 98.0 77.9 116.9
167 13.4 10.6 16.0





#69

Phenanthrene

Concen: 46.49 ng/ul

RT: 17.21 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

Tgt Ion:178 Resp: 1507195

Ion Ratio Lower Upper

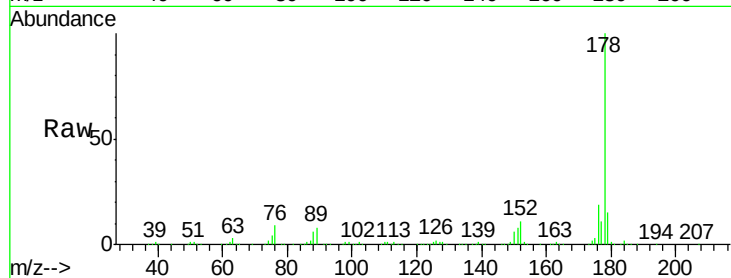
178 100

179 15.4 12.3 18.5

176 19.2 15.2 22.8

Manual Integrations
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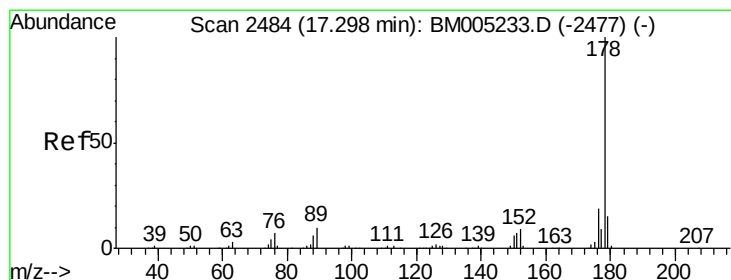
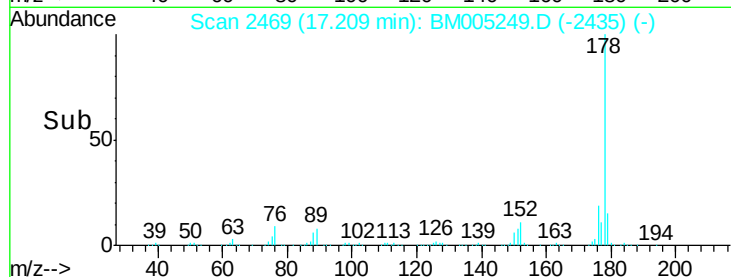
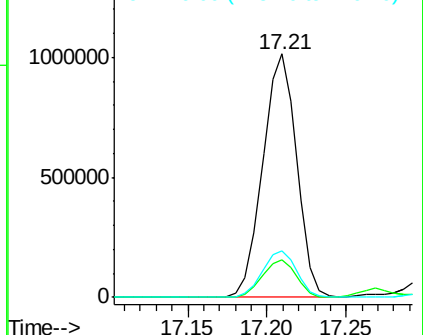
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 3.34 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Tgt Ion:178 Resp: 108096

Ion Ratio Lower Upper

178 100

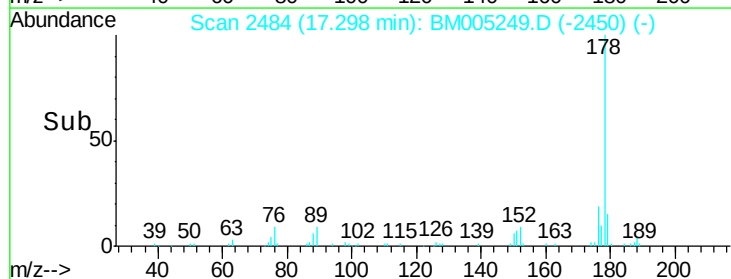
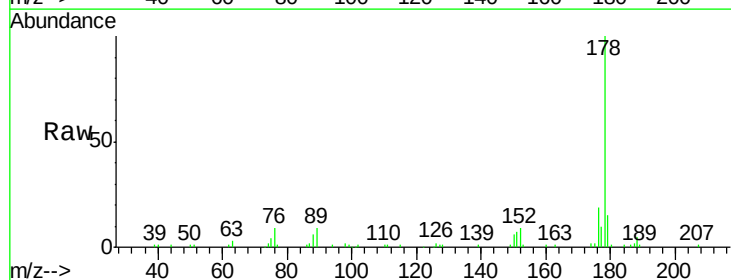
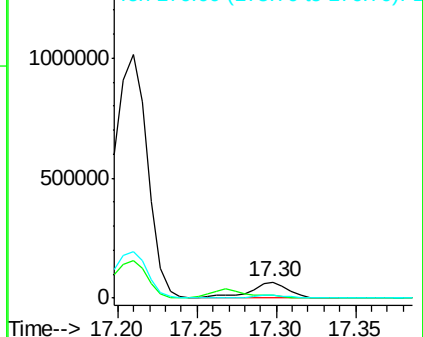
179 15.3 12.4 18.6

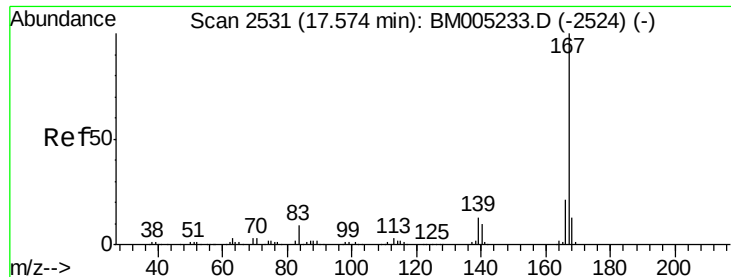
176 18.5 15.1 22.7

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: 11.63 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

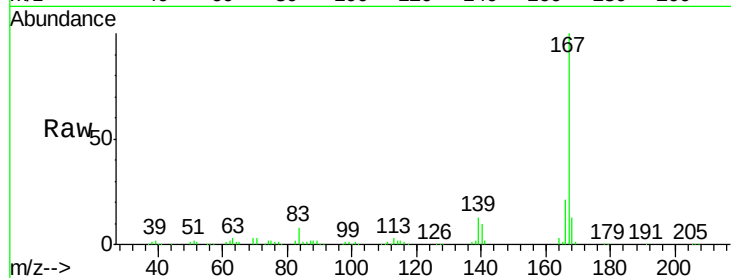
ClientSampleId :

BC7R9

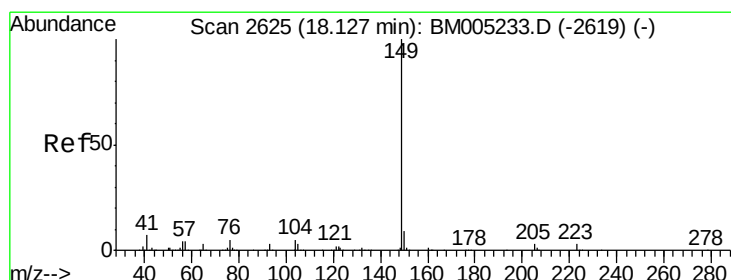
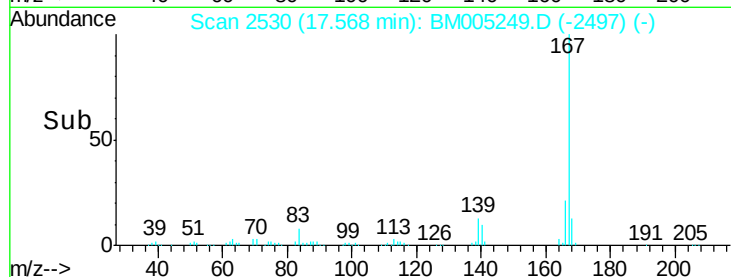
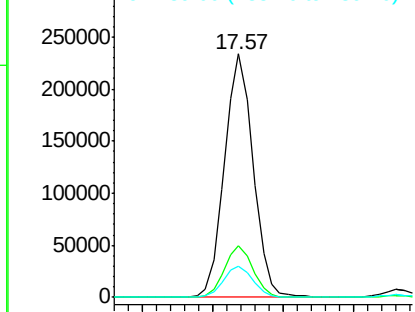
Tgt Ion:	167	Resp:	330837
Ion Ratio		Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.9	10.2	15.2

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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



#73

Di-n-butylphthalate

Concen: 1.10 ng/ul

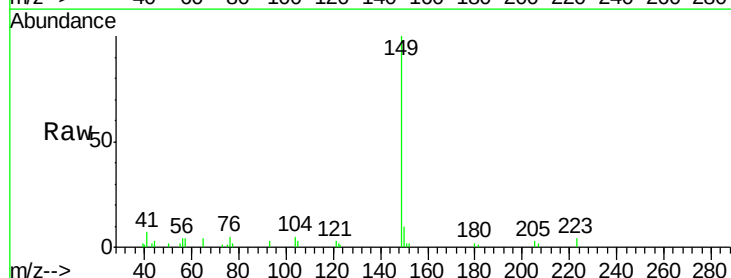
RT: 18.13 min Scan# 2625

Delta R.T. 0.00 min

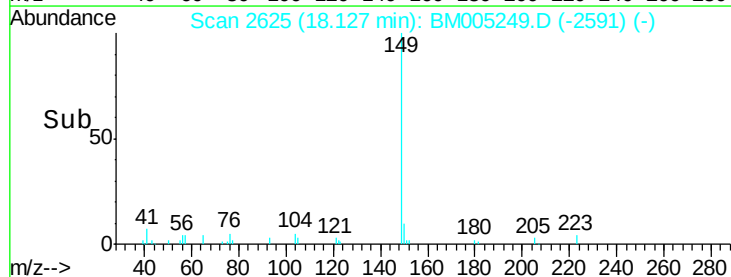
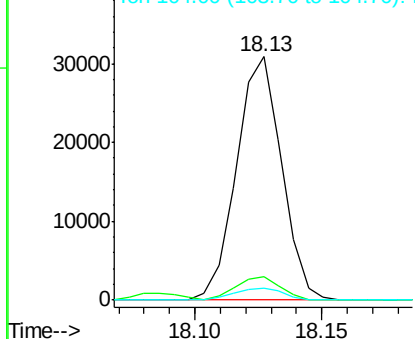
Lab File: BM005249.D

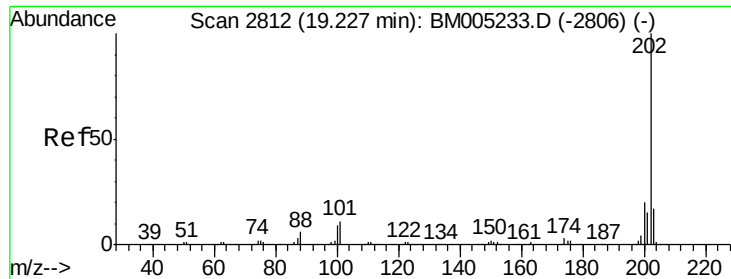
Acq: 05 May 2016 23:53

Tgt Ion:	149	Resp:	38130
Ion Ratio		Lower	Upper
149	100		
150	9.5	7.3	10.9
104	5.1	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 6.76 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

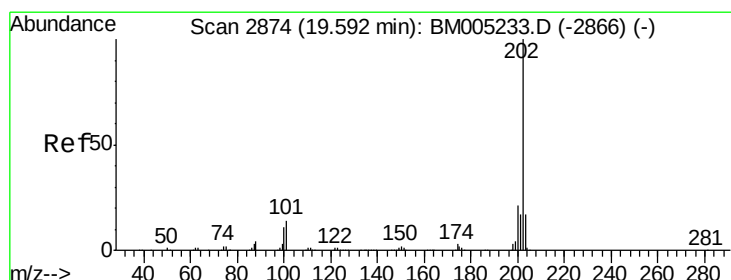
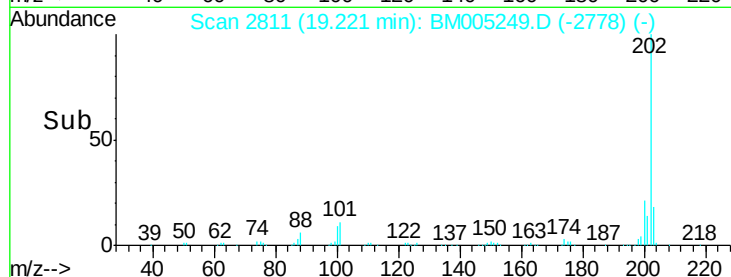
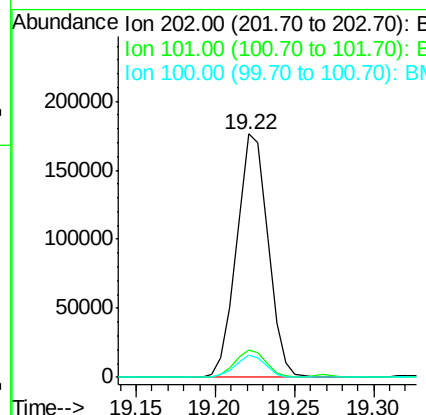
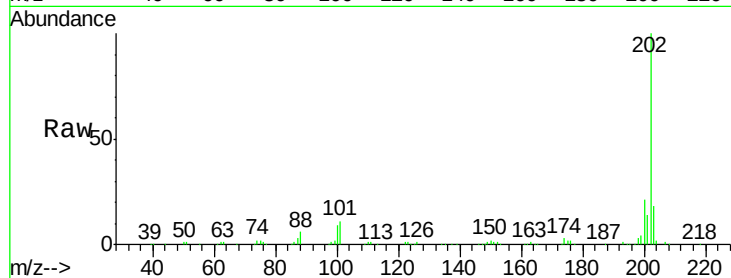
ClientSampleId :

BC7R9

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		242965		
101	11.1	9.2	13.8		
100	8.8	7.1	10.7		

Manual Integrations
APPROVED

sohil
5/6/2016 7:15:13 PM



#77

Pyrene

Concen: 3.29 ng/ul

RT: 19.59 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		144144		
101	13.4	10.8	16.2		
100	11.3	8.4	12.6		

