

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
 Data File : BM005067.D
 Acq On : 26 Apr 2016 04:21
 Operator : UM/SJ
 Sample : H2584-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q2

Manual Integrations
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 4/26/2016 6:00:18 PM

Quant Time: Apr 26 05:38:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	28952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	139399	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.44	164	101039	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	246996	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	299034	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	280720	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2879m	5.05	ng/uL	0.00
5) Phenol-d5	6.97	99	53625	22.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	91882	67.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	113058	59.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	88406	43.54	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	68158	70.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	79276	73.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	132071	64.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	2275	0.95	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	468898	58.76	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	543675	57.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	32196m	23.08	ng/ul	0.00
57) Fluorene-d10	15.43	176	396497	56.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	92450	65.81	ng/ul	0.00
70) Anthracene-d10	17.29	188	649407	58.63	ng/ul	0.00
76) Pyrene-d10	19.58	212	764327	56.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	781137	62.10	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.33	88	4872	4.61	ng/uL	97
16) 4-Methylphenol	8.56	108	2433	1.12	ng/ul	99
28) Naphthalene	10.68	128	7300270	1038.34	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	505676	97.17	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	91833	11.49	ng/ul	98
47) Acenaphthylene	14.16	152	59081	5.88	ng/ul#	97
49) Acenaphthene	14.50	153	362915	54.86	ng/ul	100
53) Dibenzofuran	14.84	168	404164	41.43	ng/ul	98
58) Fluorene	15.49	166	393178	51.91	ng/ul	100
69) Phenanthrene	17.23	178	866153	65.89	ng/ul	99
71) Anthracene	17.32	178	177735	13.41	ng/ul	99
72) Carbazole	17.59	167	219238	19.29	ng/ul	99
74) Fluoranthene	19.24	202	225537	15.59	ng/ul	97
77) Pyrene	19.61	202	134820	7.80	ng/ul	97

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

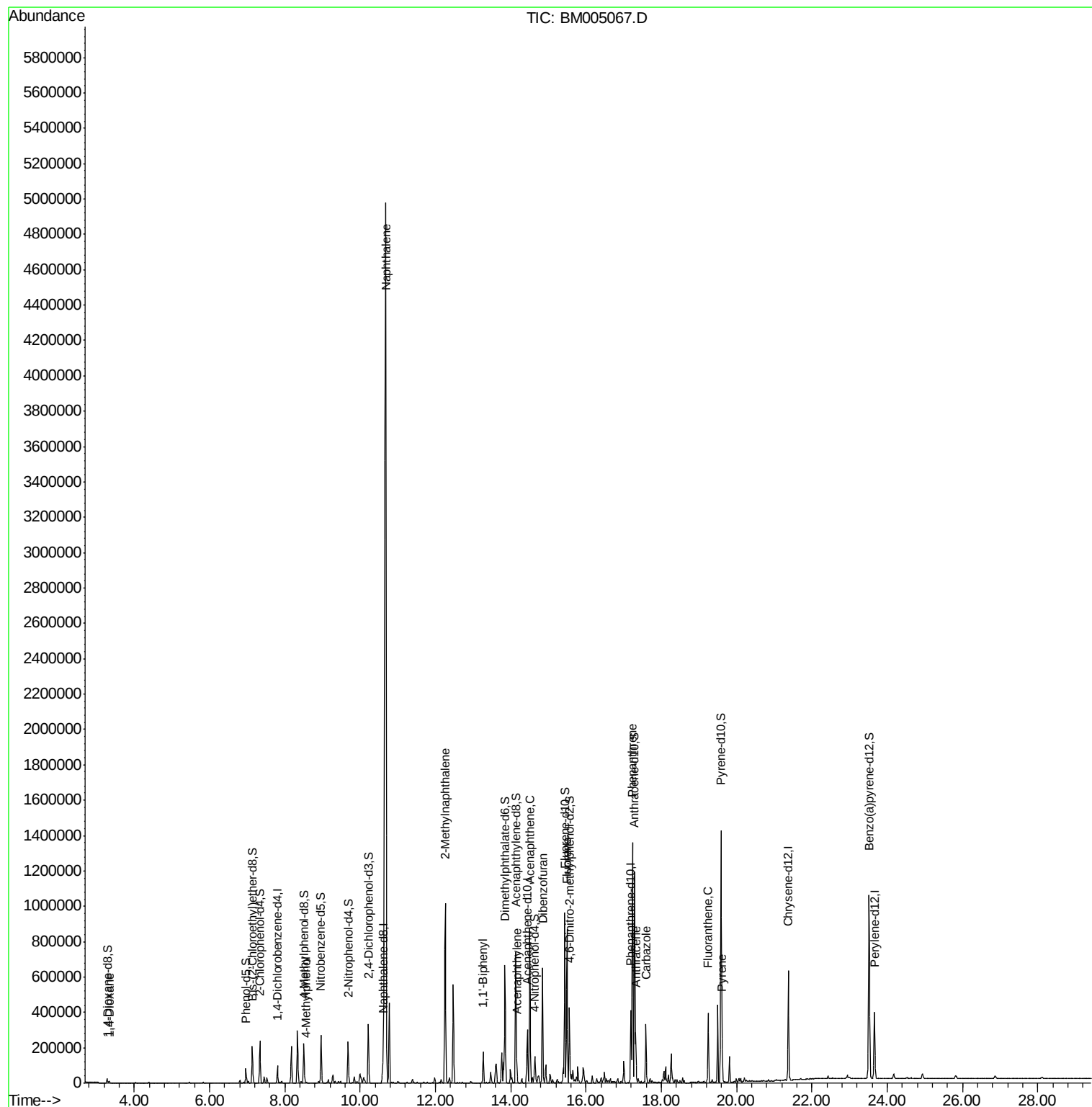
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005067.D
Acq On : 26 Apr 2016 04:21
Operator : UM/SJ
Sample : H2584-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

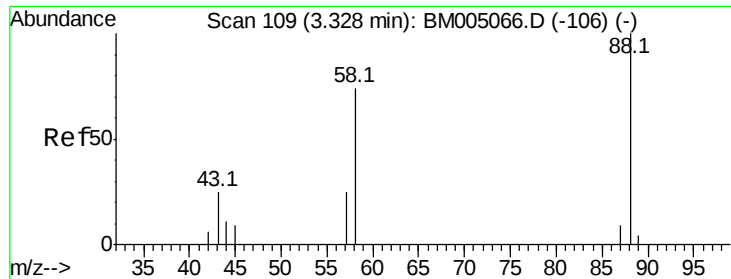
Instrument :
BNA_M
ClientSampleId :
BC7Q2

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Quant Time: Apr 26 05:38:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 26 00:45:11 2016
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 4.61 ng/uL

RT: 3.33 min Scan# 110

Delta R.T. -0.00 min

Lab File: BM005067.D

Acq: 26 Apr 2016 04:21

Instrument :

BNA_M

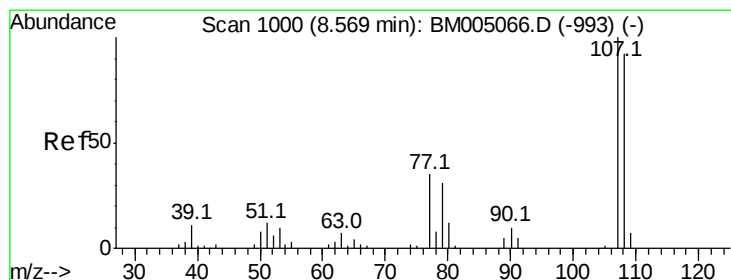
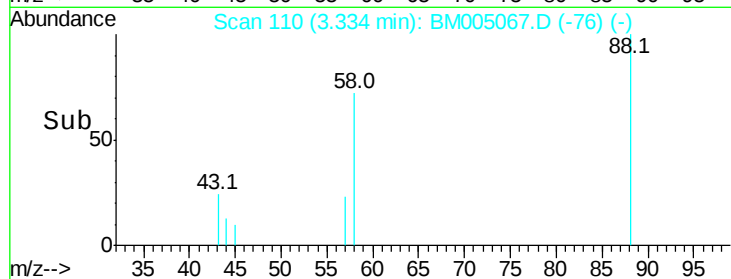
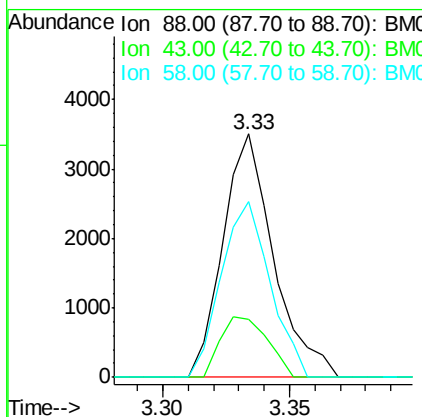
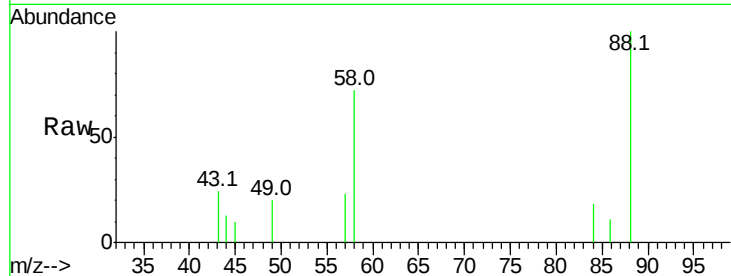
ClientSampleId :

BC7Q2

Tot Ion:	88	Resp:	4872
Ion	Ratio	Lower	Upper
88	100		
43	23.1	23.0	34.4
58	69.4	55.4	83.2

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#16

4-Methylphenol

Concen: 1.12 ng/uL

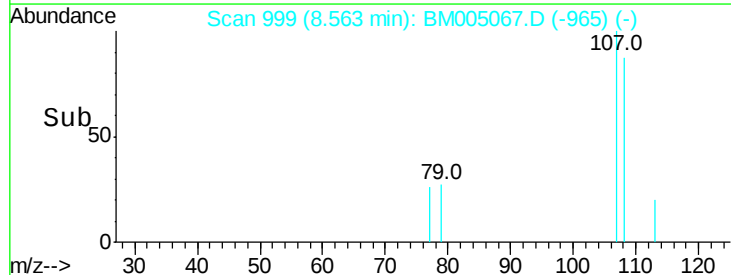
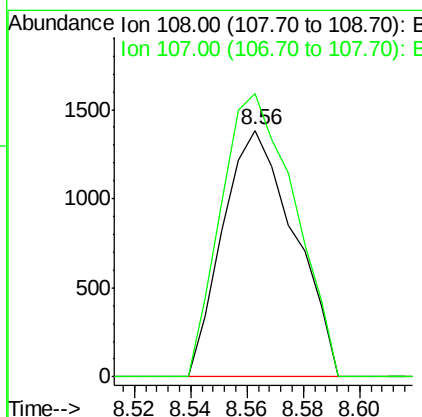
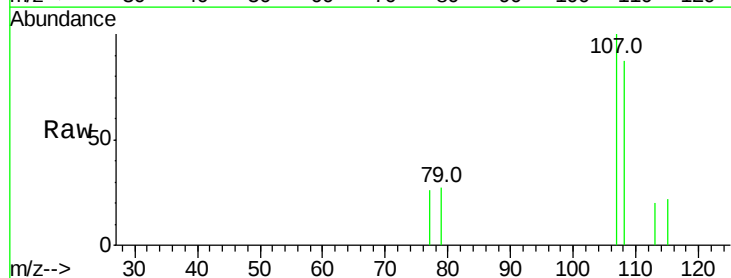
RT: 8.56 min Scan# 999

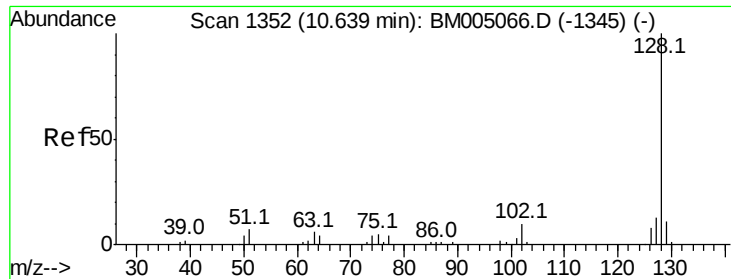
Delta R.T. -0.00 min

Lab File: BM005067.D

Acq: 26 Apr 2016 04:21

Tgt Ion:	108	Resp:	2433
Ion	Ratio	Lower	Upper
108	100		
107	114.8	91.0	136.6





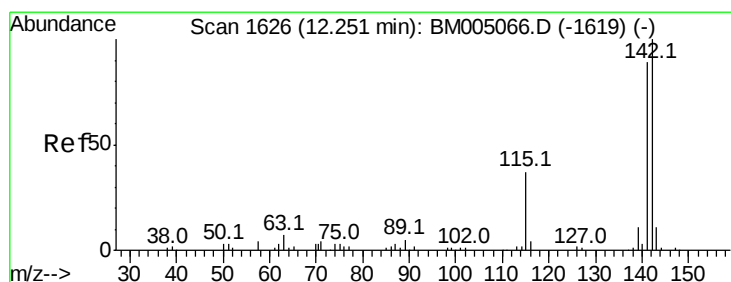
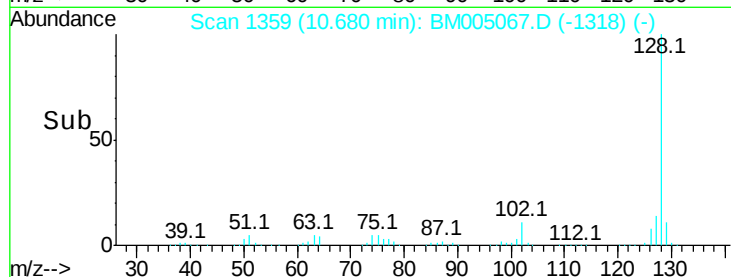
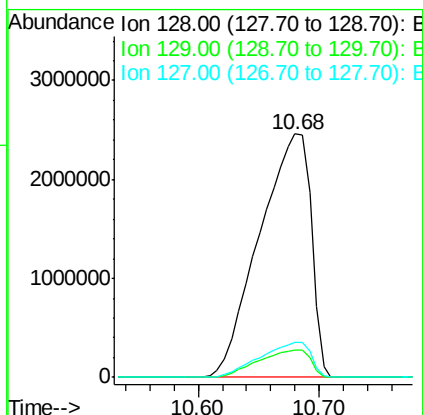
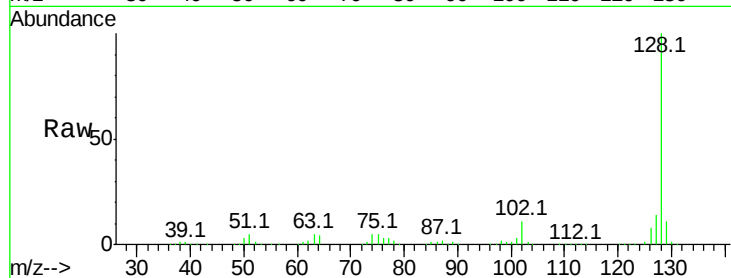
#28
Naphthalene
Concen: 1038.34 ng/ul
RT: 10.68 min Scan# 1359
Delta R.T. 0.04 min
Lab File: BM005067.D
Acq: 26 Apr 2016 04:21

Instrument :
BNA_M
ClientSampleId :
BC7Q2

Tot Ion:128 Resp: 7300270
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 14.3 10.6 15.8

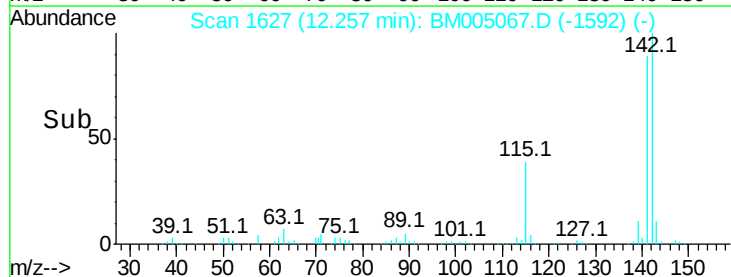
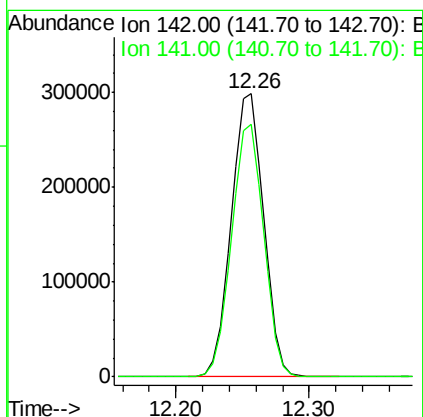
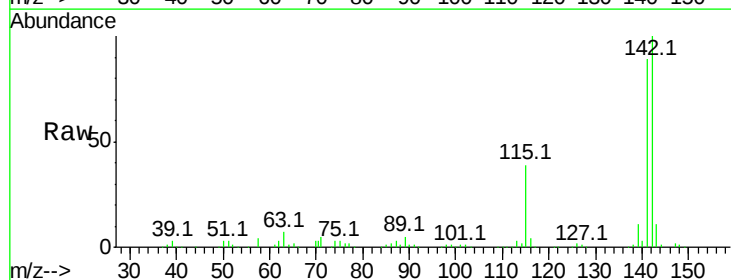
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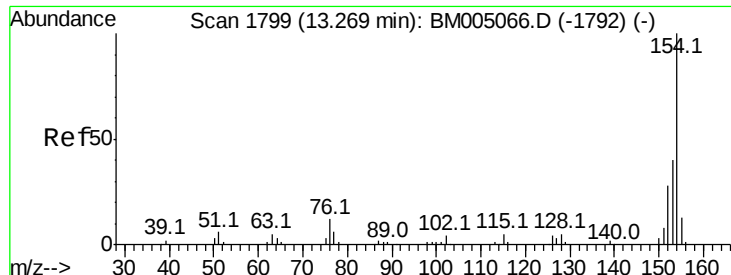
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#34
2-Methylnaphthalene
Concen: 97.17 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BM005067.D
Acq: 26 Apr 2016 04:21

Tgt Ion:142 Resp: 505676
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5





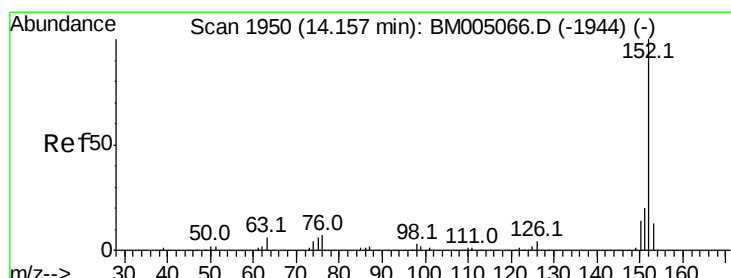
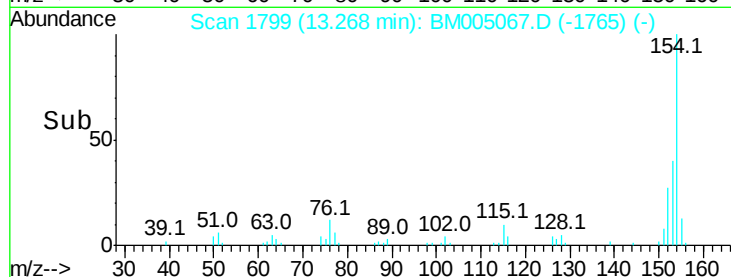
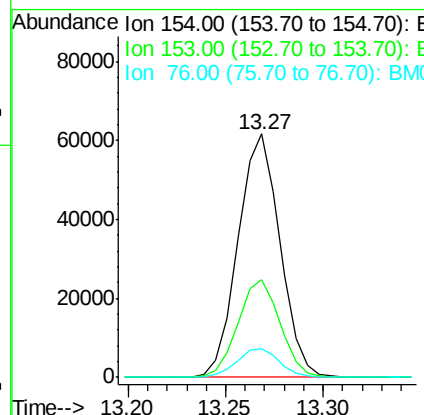
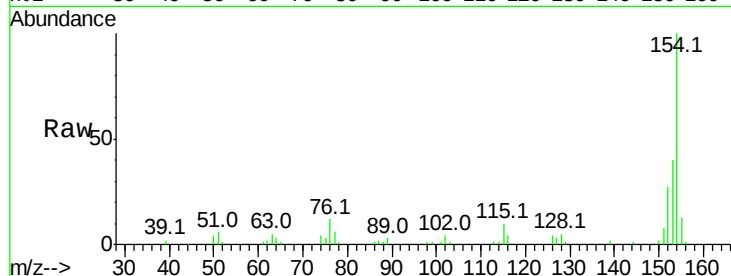
#40
 1,1'-Biphenyl
 Concen: 11.49 ng/ul
 RT: 13.27 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BM005067.D
 Acq: 26 Apr 2016 04:21

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q2

Tot Ion:	154	Resp:	91833
Ion Ratio	Lower	Upper	
154	100		
153	40.3	31.5	47.3
76	11.7	10.1	15.1

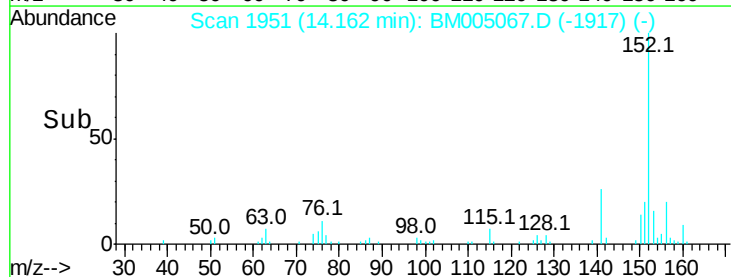
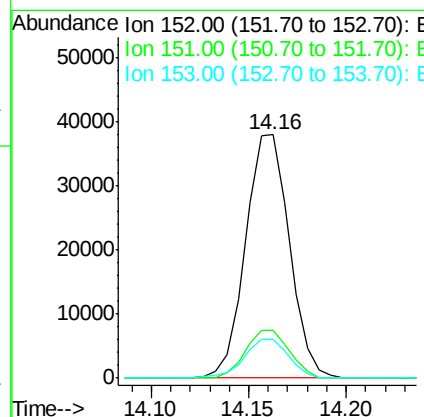
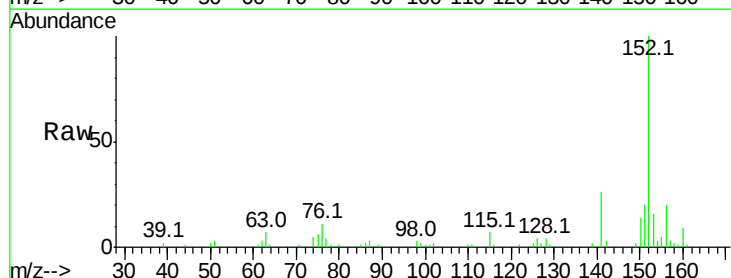
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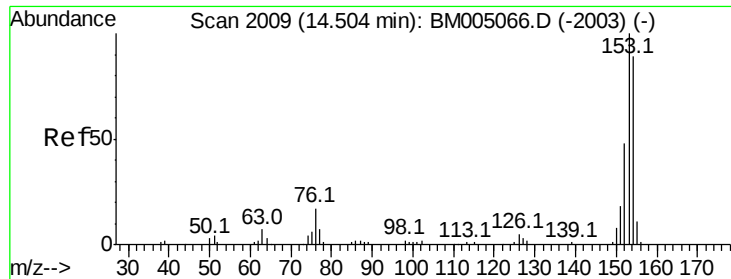
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#47
 Acenaphthylene
 Concen: 5.88 ng/ul
 RT: 14.16 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BM005067.D
 Acq: 26 Apr 2016 04:21

Tgt Ion:	152	Resp:	59081
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.8
153	15.8	10.3	15.5#





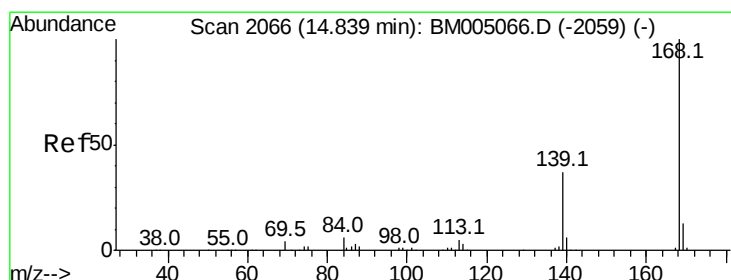
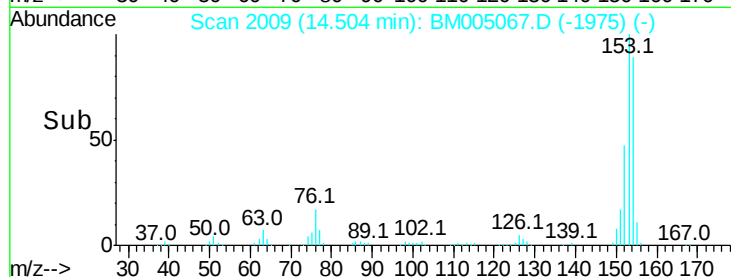
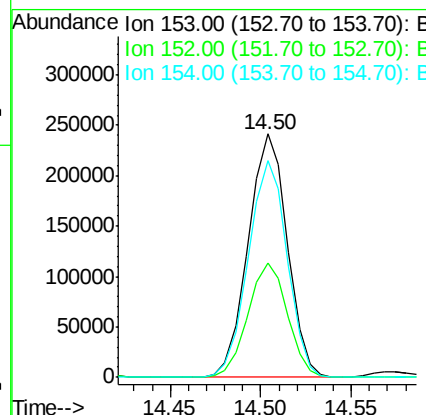
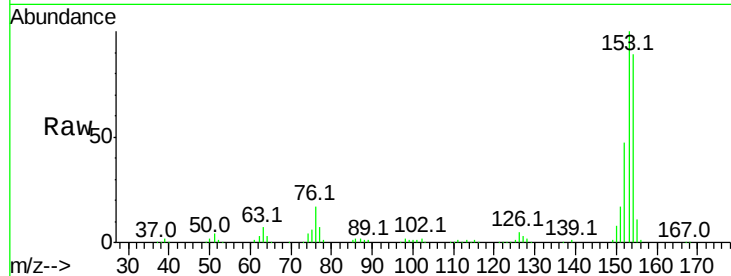
#49
Acenaphthene
Concen: 54.86 ng/ul
RT: 14.50 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM005067.D
Acq: 26 Apr 2016 04:21

Instrument :
BNA_M
ClientSampleId :
BC7Q2

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.7	56.5
154	88.8	71.4	107.2

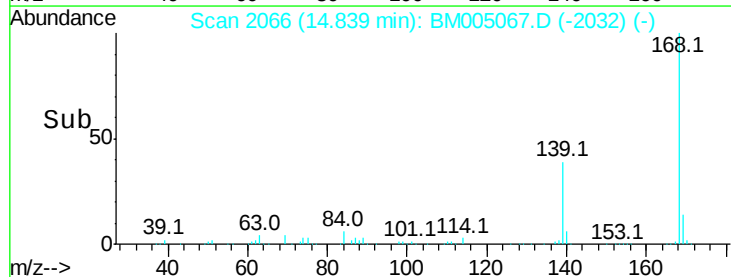
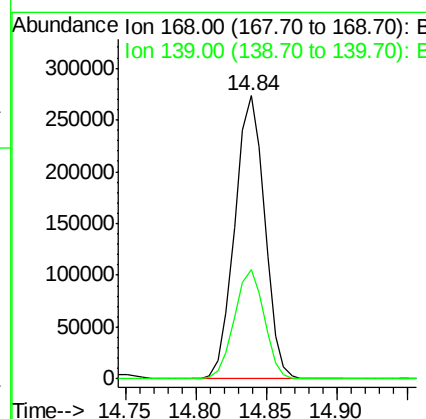
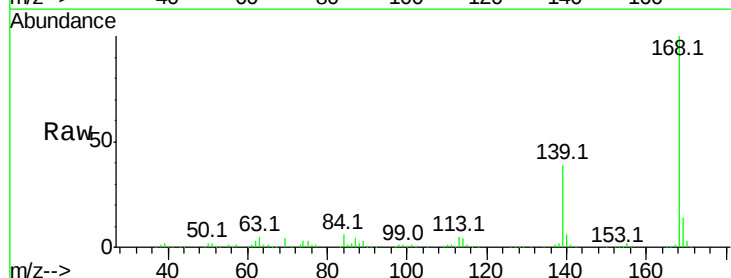
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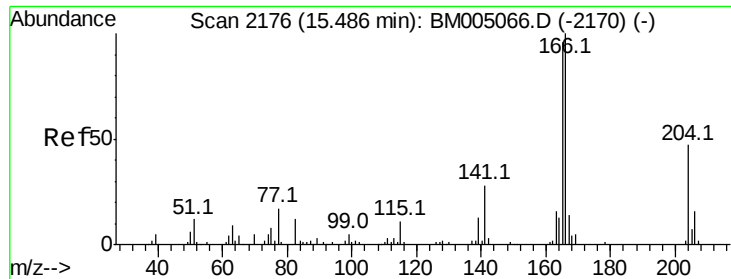
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#53
Dibenzofuran
Concen: 41.43 ng/ul
RT: 14.84 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BM005067.D
Acq: 26 Apr 2016 04:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.9	44.9





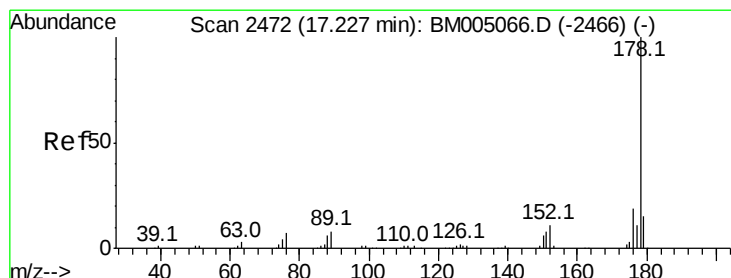
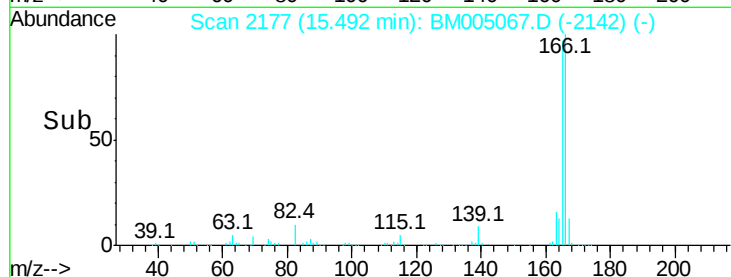
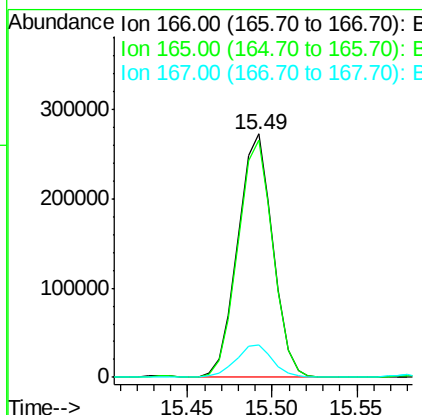
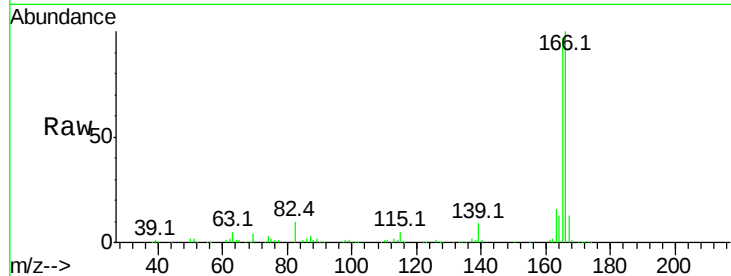
#58
Fluorene
 Concen: 51.91 ng/ul
 RT: 15.49 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: BM005067.D
 Acq: 26 Apr 2016 04:21

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q2

Tot Ion	Ratio	Resp	Lower	Upper
166	100	393178		
165	97.2		77.7	116.5
167	13.3		10.9	16.3

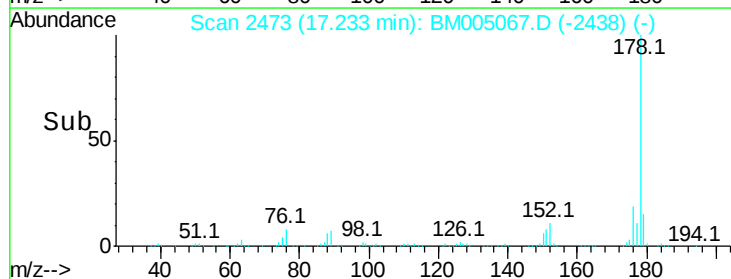
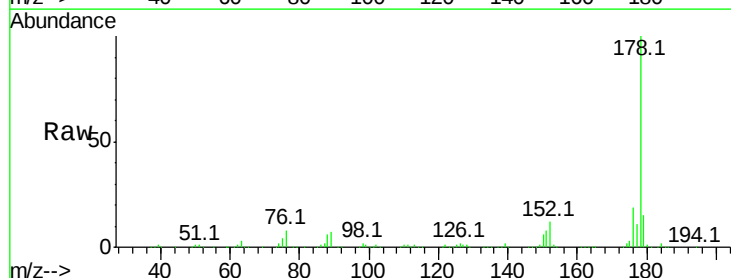
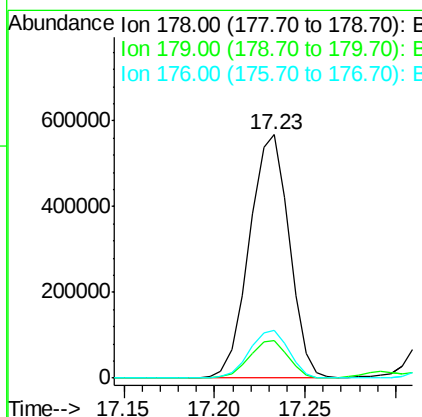
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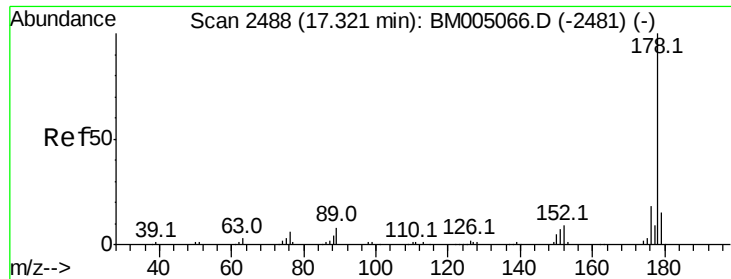
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#69
Phenanthrene
 Concen: 65.89 ng/ul
 RT: 17.23 min Scan# 2473
 Delta R.T. 0.01 min
 Lab File: BM005067.D
 Acq: 26 Apr 2016 04:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	866153		
179	15.5		11.8	17.8
176	19.5		15.2	22.8





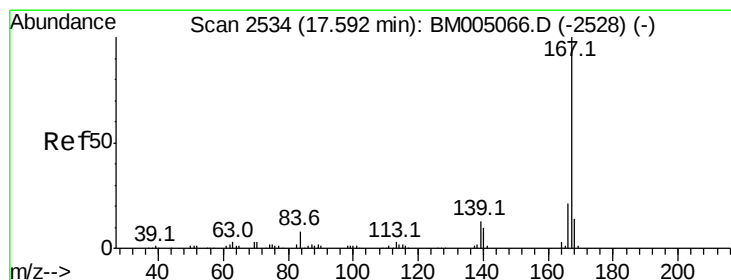
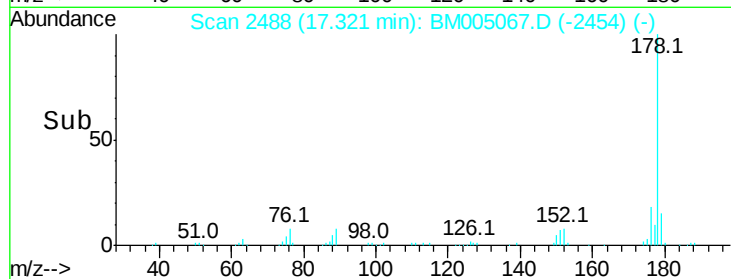
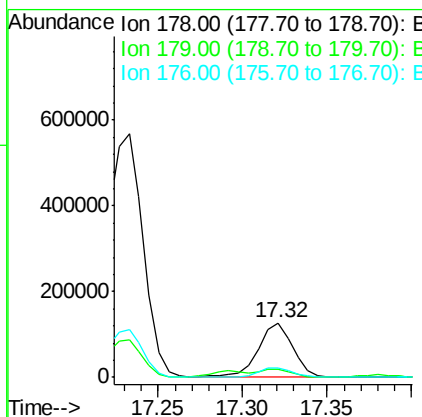
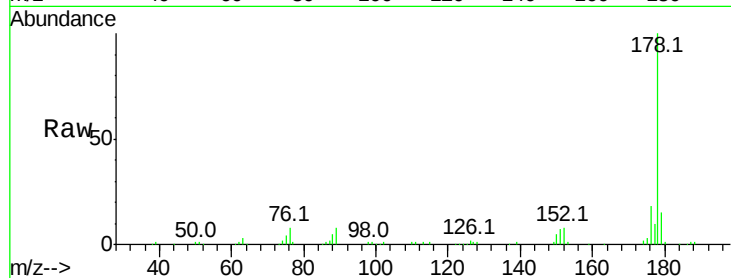
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 Anthracene
 Concen: 13.41 ng/ul
 RT: 17.32 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BM005067.D
 Acq: 26 Apr 2016 04:21

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	17.9	14.6	22.0

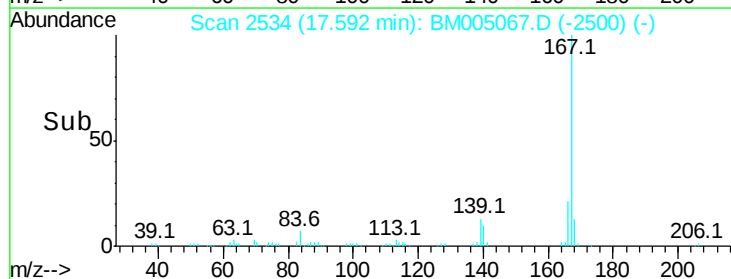
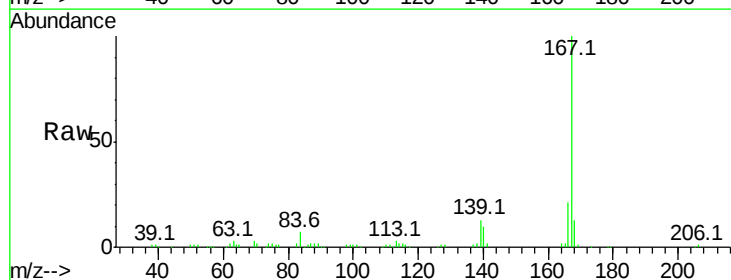
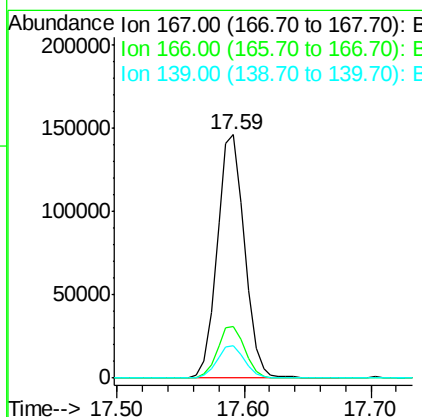
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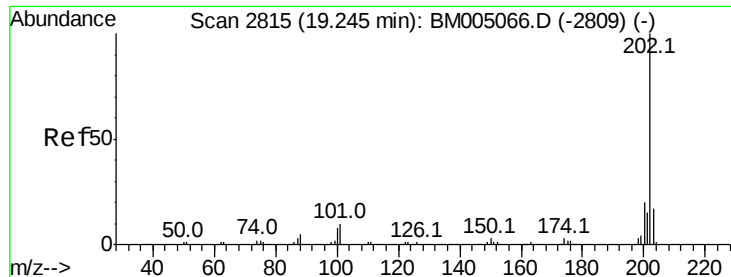
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#72
 Carbazole
 Concen: 19.29 ng/ul
 RT: 17.59 min Scan# 2534
 Delta R.T. -0.00 min
 Lab File: BM005067.D
 Acq: 26 Apr 2016 04:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.6	25.0
139	13.1	10.2	15.4





#74

Fluoranthene

Concen: 15.59 ng/ul

RT: 19.24 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM005067.D

Acq: 26 Apr 2016 04:21

Instrument :

BNA_M

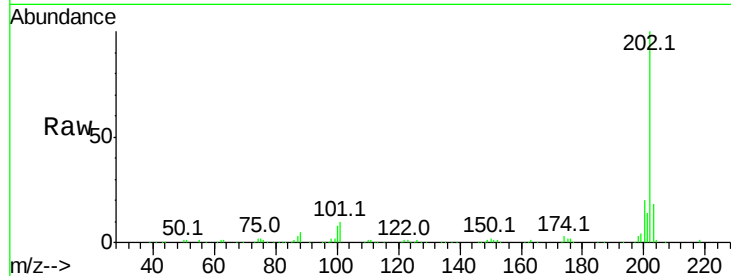
ClientSampleId :

BC7Q2

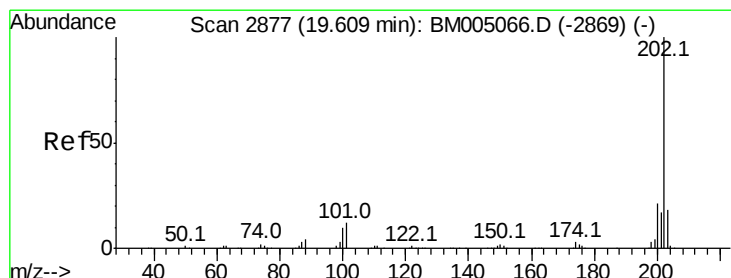
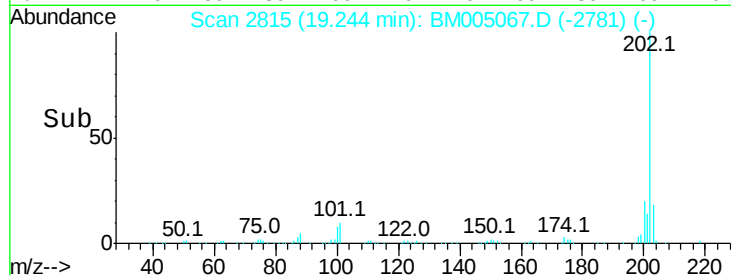
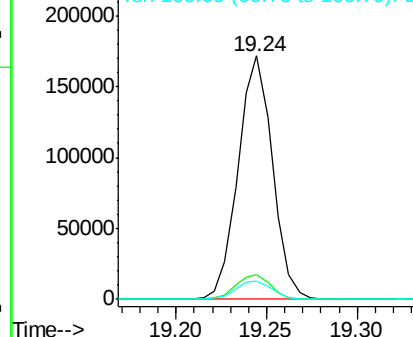
Tot Ion:	202	Resp:	225537
Ion Ratio	Lower	Upper	
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101	10.1	9.0	13.4
100	7.5	6.6	10.0

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4/26/2016 6:00:18 PM



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: 7.80 ng/ul

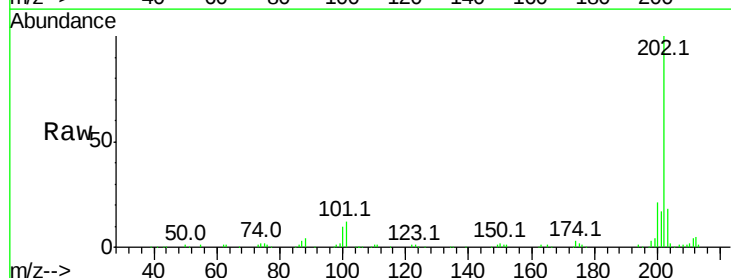
RT: 19.61 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BM005067.D

Acq: 26 Apr 2016 04:21

Tgt Ion:	202	Resp:	134820
Ion Ratio	Lower	Upper	
202	100		
101	11.6	10.5	15.7
100	9.6	8.2	12.2



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

