

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005253.D
 Acq On : 06 May 2016 02:22
 Operator : UM/SJ
 Sample : H2813-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7S8

Manual Integrations
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 5/6/2016 7:15:17 PM

Quant Time: May 06 05:51:01 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	97505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	476861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	306924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	732636	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	863790	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	822534	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2469	1.19	ng/uL	0.00
5) Phenol-d5	6.95	99	50604	5.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	144372	28.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	150796	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	102895	14.08	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	103040	30.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	118245	30.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	188693	26.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	21713m	2.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	700857	28.49	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	837011	29.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	22034	4.91	ng/ul	0.00
57) Fluorene-d10	15.41	176	616975	29.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	120295	29.19	ng/ul	0.00
70) Anthracene-d10	17.26	188	963809	29.76	ng/ul	0.00
76) Pyrene-d10	19.56	212	1125224	28.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1115955	30.65	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	9057	2.40	ng/uL	94
28) Naphthalene	10.63	128	5537261	230.79	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	1742911	97.13	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	468572	19.27	ng/ul	99
47) Acenaphthylene	14.13	152	97231	3.18	ng/ul#	96
49) Acenaphthene	14.49	153	1255997	62.43	ng/ul	99
53) Dibenzofuran	14.82	168	1203443	41.23	ng/ul	98
58) Fluorene	15.47	166	878978	38.51	ng/ul	100
69) Phenanthrene	17.21	178	1749175	45.41	ng/ul	99
71) Anthracene	17.30	178	129051	3.36	ng/ul	99
72) Carbazole	17.57	167	398356	11.79	ng/ul	99
73) Di-n-butylphthalate	18.13	149	48834	1.18	ng/ul	100
74) Fluoranthene	19.22	202	289749	6.79	ng/ul	99
77) Pyrene	19.59	202	171979	3.43	ng/ul	99

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

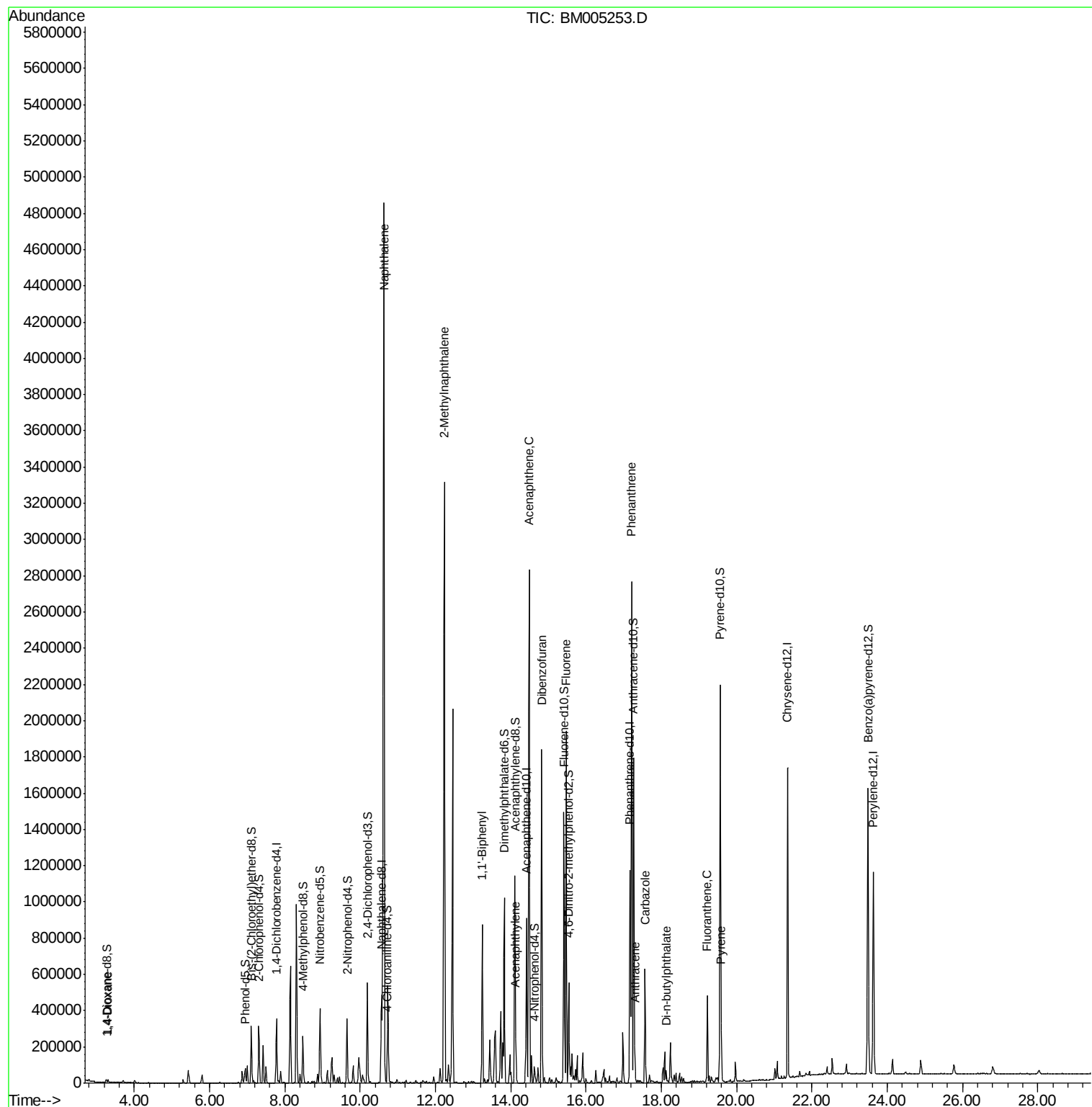
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

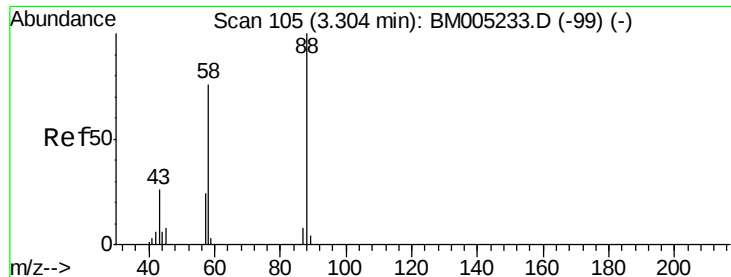
Instrument :
BNA_M
ClientSampleId :
BC7S8

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Quant Time: May 06 05:51:01 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: 2.40 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. -0.00 min

Lab File: BM005253.D

Acq: 06 May 2016 02:22

Instrument :

BNA_M

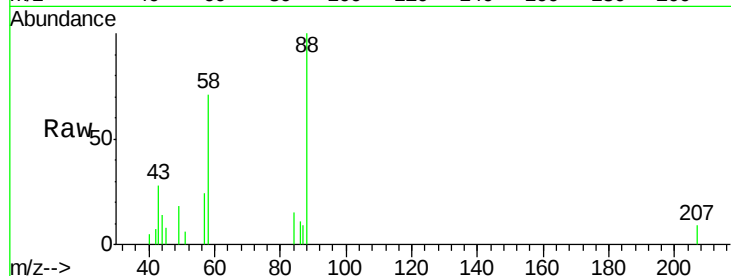
ClientSampleId :

BC7S8

Tgt Ion:	88	Resp:	9057
Ion Ratio	Lower	Upper	
88	100		
43	25.6	19.3	28.9
58	66.4	57.9	86.9

Manual Integrations
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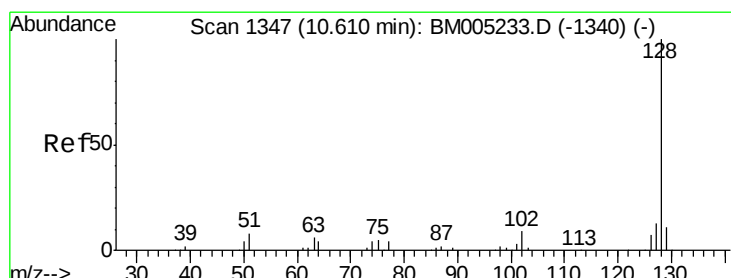
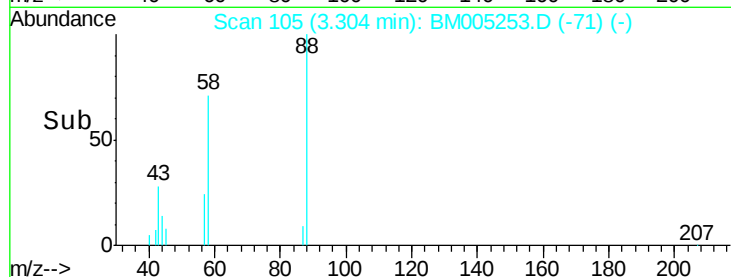
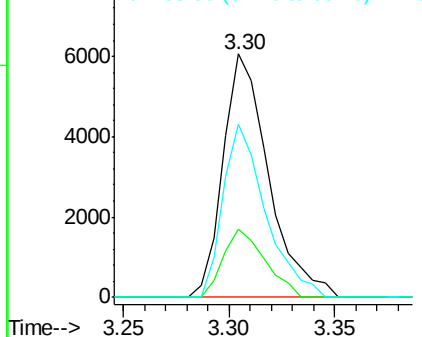


Abundance

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: 230.79 ng/uL

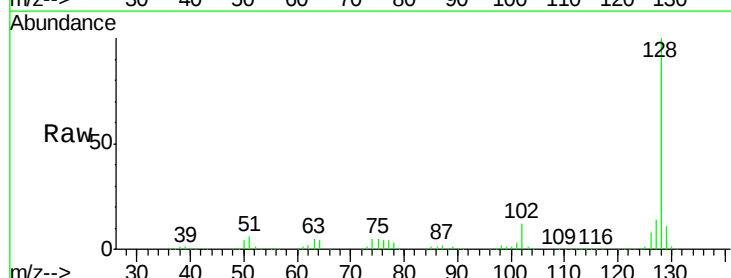
RT: 10.63 min Scan# 1351

Delta R.T. 0.02 min

Lab File: BM005253.D

Acq: 06 May 2016 02:22

Tgt Ion:	128	Resp:	5537261
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	14.0	10.8	16.2

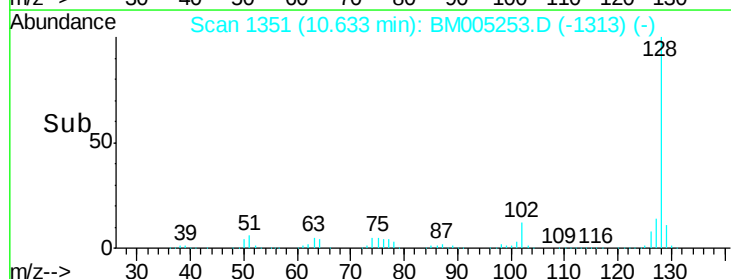
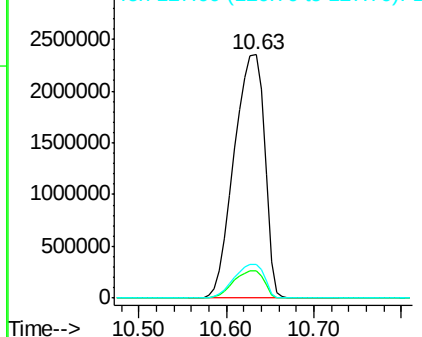


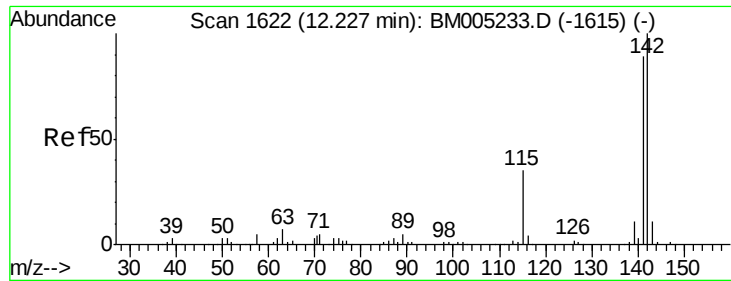
Abundance

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) (-)





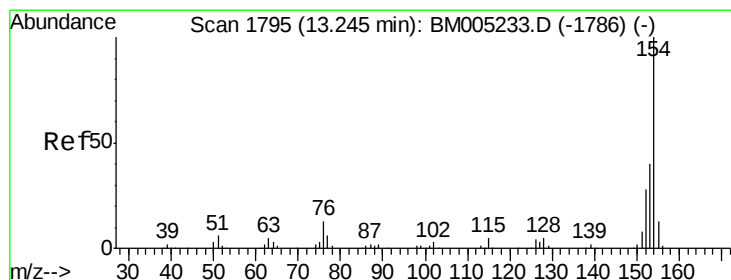
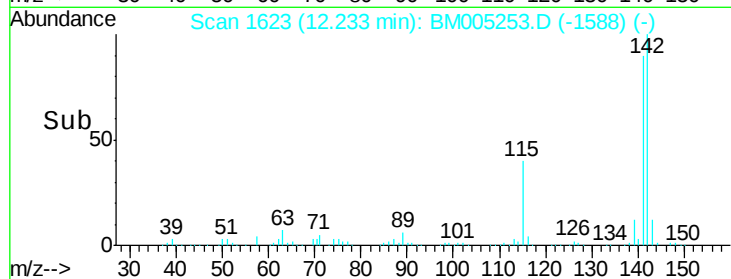
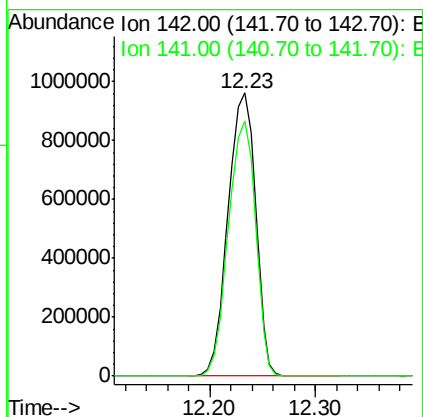
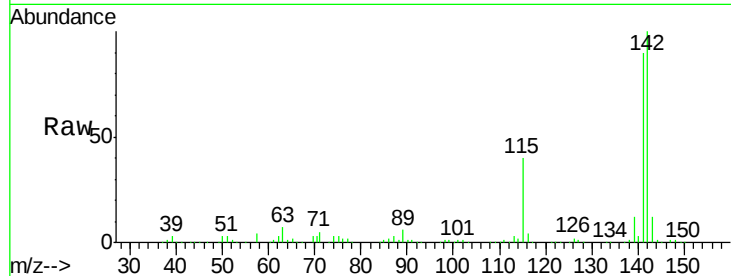
#34
 2-Methylnaphthalene
 Concen: 97.13 ng/ul
 RT: 12.23 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BM005253.D
 Acq: 06 May 2016 02:22

Instrument :
 BNA_M
 ClientSampled :
 BC7S8

Tgt Ion:142 Resp: 1742911
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9

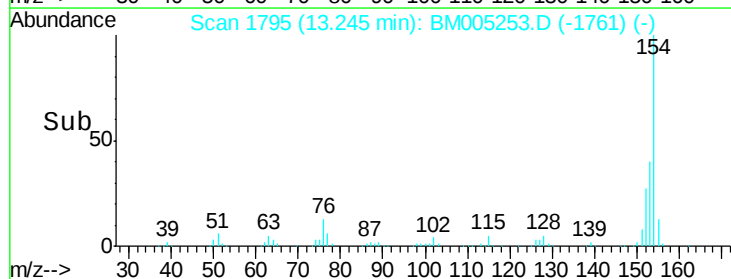
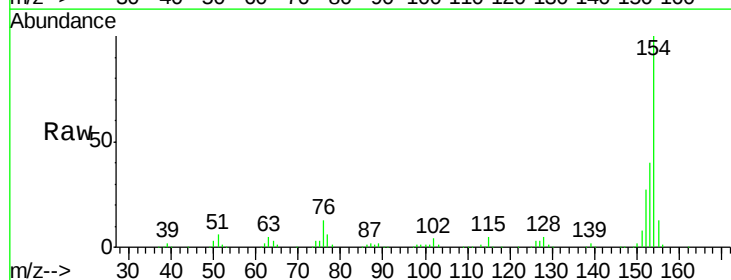
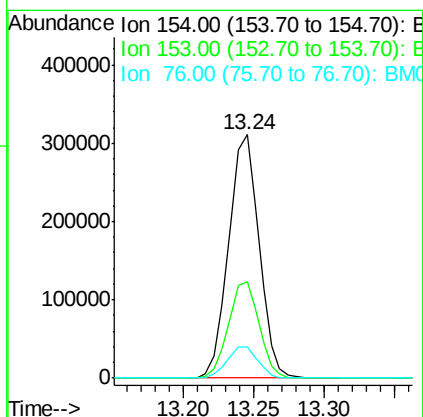
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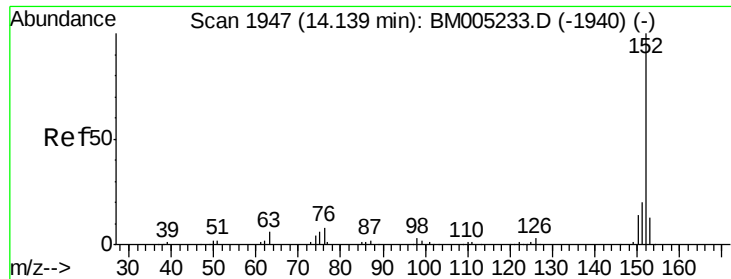
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#40
 1,1'-Biphenyl
 Concen: 19.27 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BM005253.D
 Acq: 06 May 2016 02:22

Tgt Ion:154 Resp: 468572
 Ion Ratio Lower Upper
 154 100
 153 39.6 32.1 48.1
 76 12.9 10.6 15.8





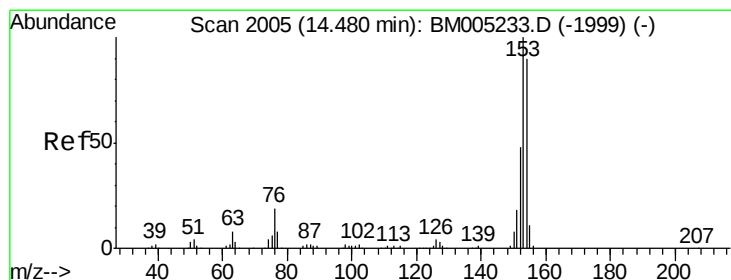
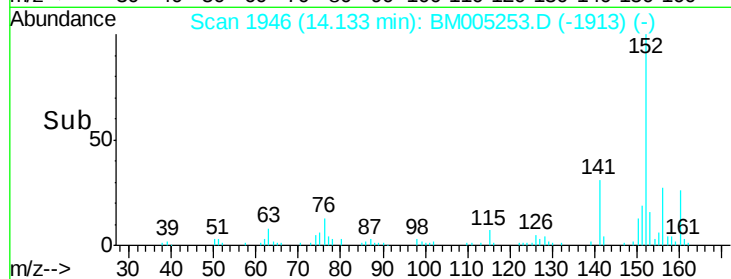
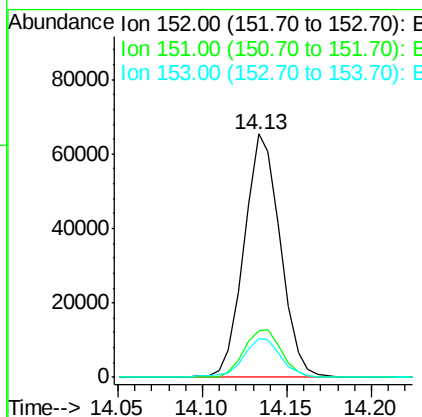
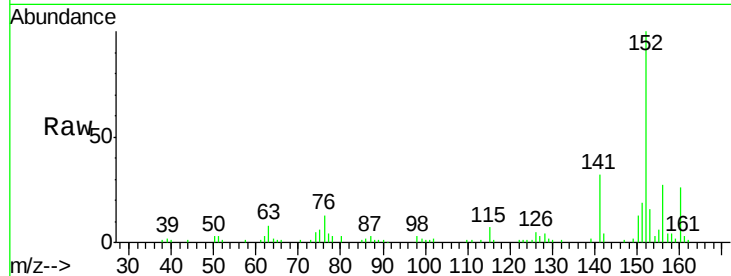
#47
Acenaphthylene
Concen: 3.18 ng/ul
RT: 14.13 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM005253.D
Acq: 06 May 2016 02:22

Instrument :
BNA_M
ClientSampleId :
BC7S8

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.0	24.0
153	15.8	10.3	15.5#

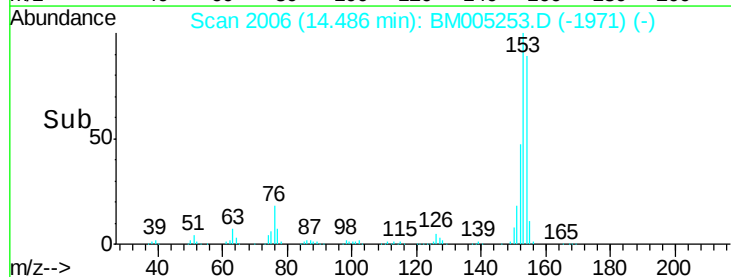
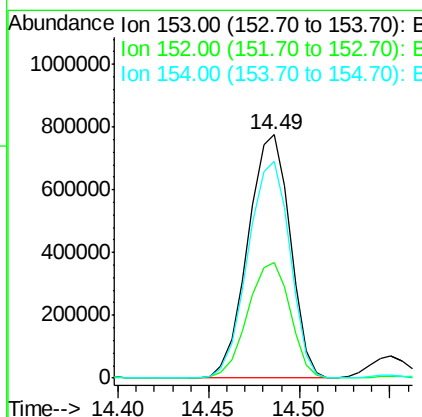
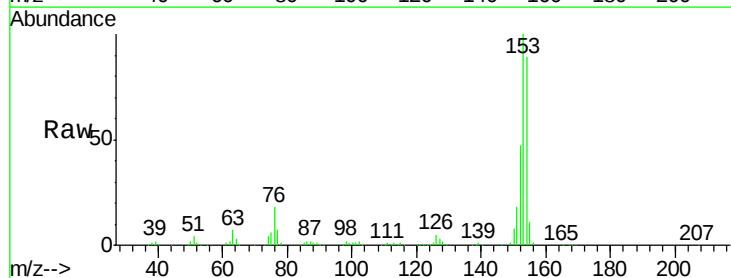
Manual Integrations
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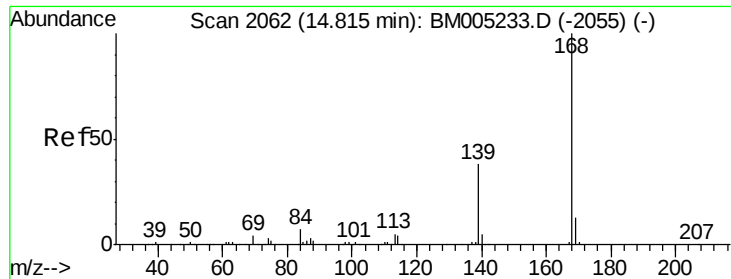
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#49
Acenaphthene
Concen: 62.43 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BM005253.D
Acq: 06 May 2016 02:22

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.9	58.3
154	88.8	70.3	105.5





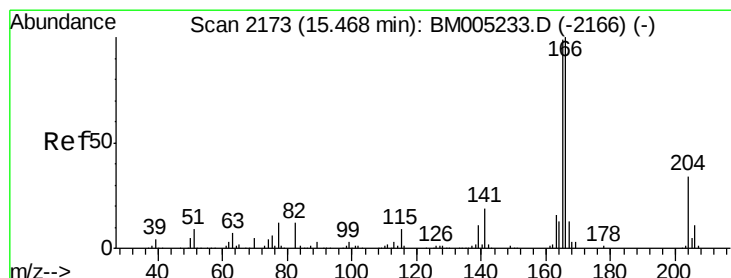
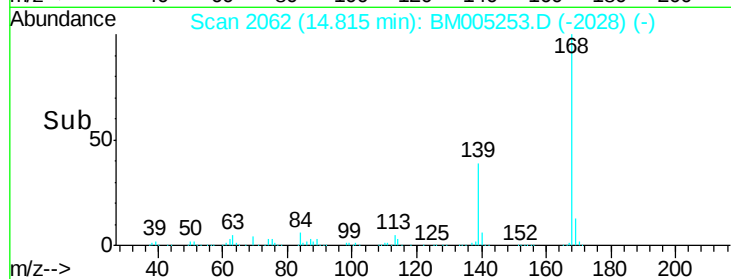
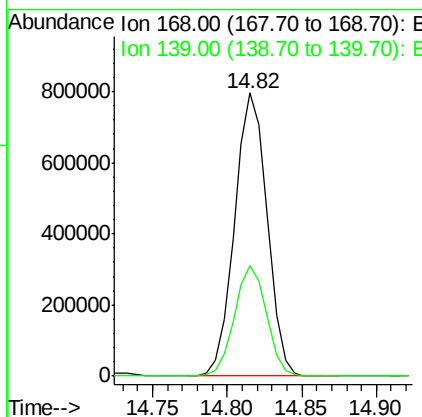
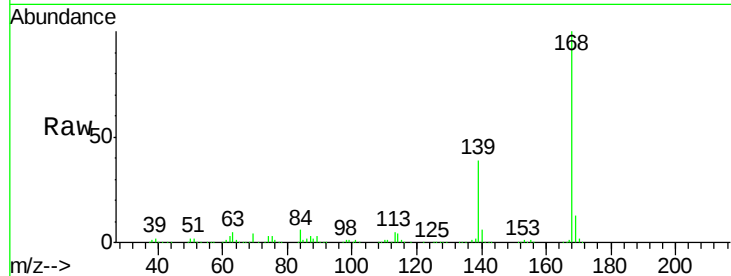
#53
Dibenzenofuran
Concen: 41.23 ng/ul
RT: 14.82 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM005253.D
Acq: 06 May 2016 02:22

Instrument :
BNA_M
ClientSampleId :
BC7S8

Tgt Ion:168 Resp: 1203443
Ion Ratio Lower Upper
168 100
139 39.1 30.3 45.5

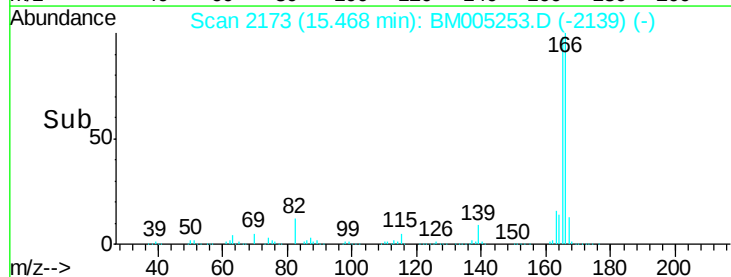
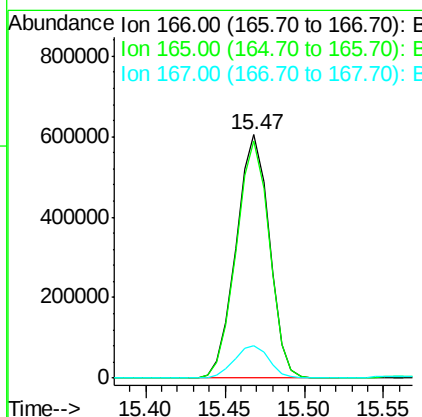
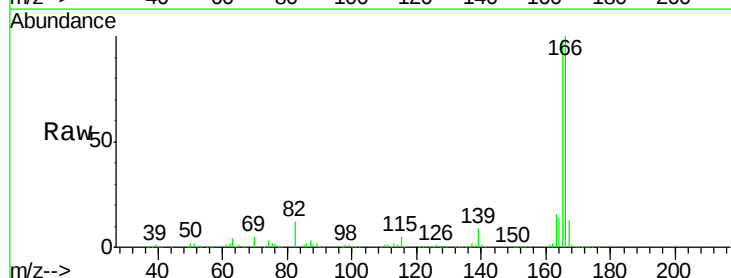
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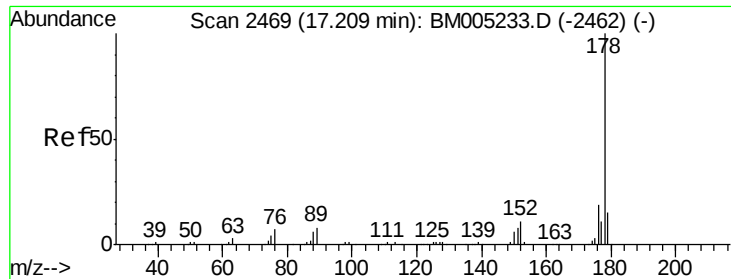
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#58
Fluorene
Concen: 38.51 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM005253.D
Acq: 06 May 2016 02:22

Tgt Ion:166 Resp: 878978
Ion Ratio Lower Upper
166 100
165 97.6 77.9 116.9
167 13.4 10.6 16.0





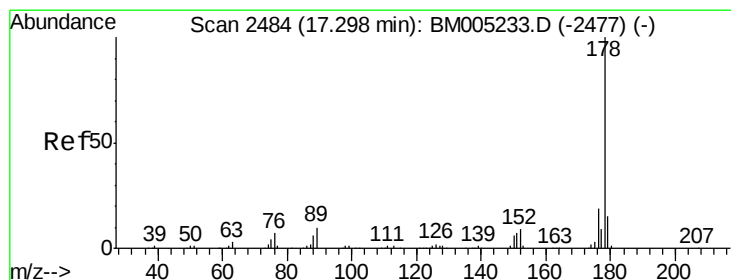
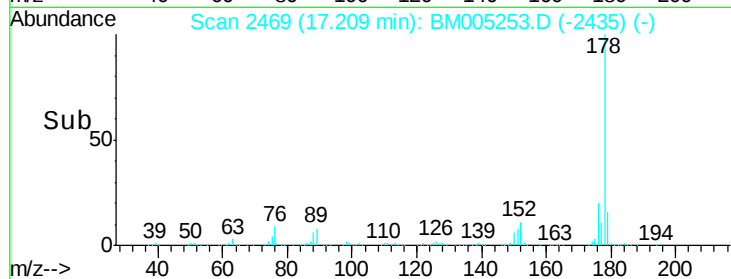
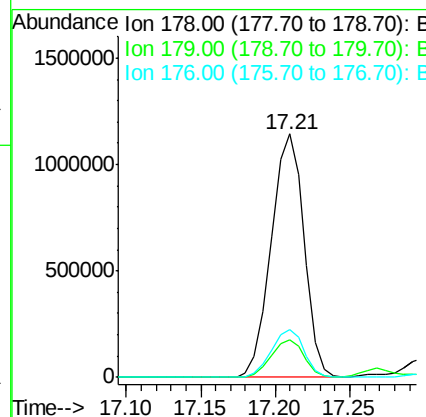
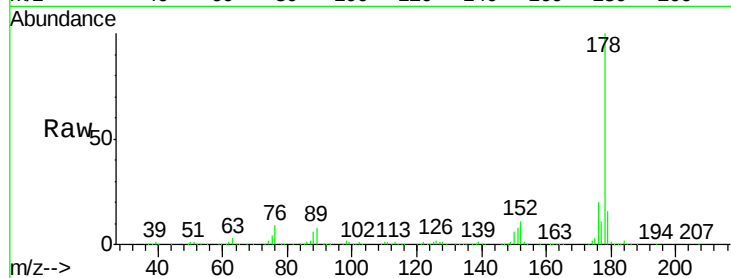
#69
Phenanthrene
Concen: 45.41 ng/u1
RT: 17.21 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BM005253.D
Acq: 06 May 2016 02:22

Instrument :
BNA_M
ClientSampleId :
BC7S8

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.7	15.2	22.8

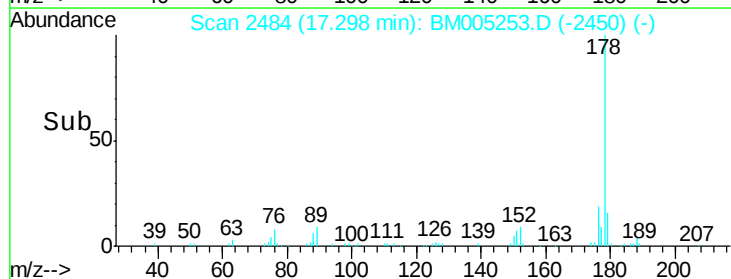
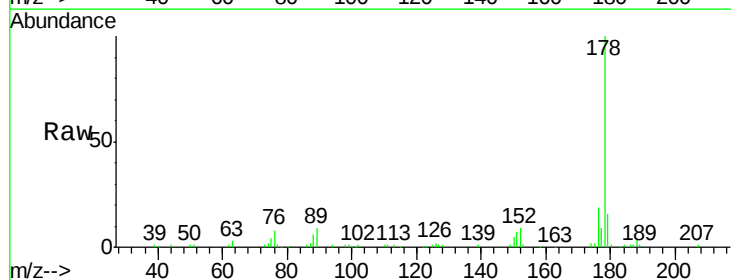
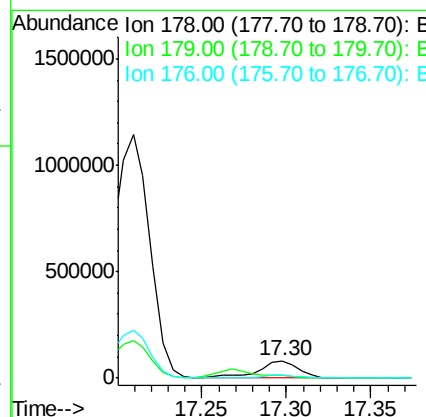
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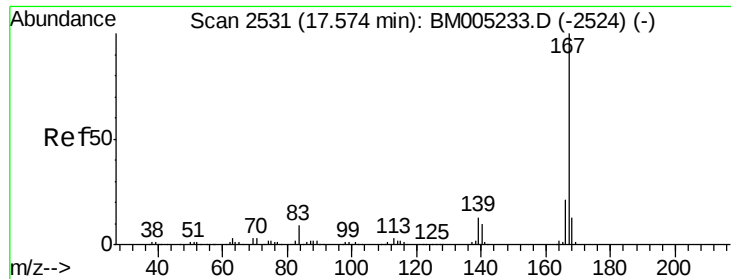
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#71
Anthracene
Concen: 3.36 ng/u1
RT: 17.30 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BM005253.D
Acq: 06 May 2016 02:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	18.6	15.1	22.7





#72

Carbazole

Concen: 11.79 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005253.D

Acq: 06 May 2016 02:22

Instrument :

BNA_M

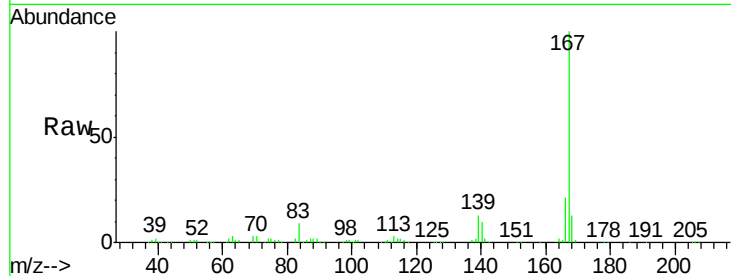
ClientSampled :

BC7S8

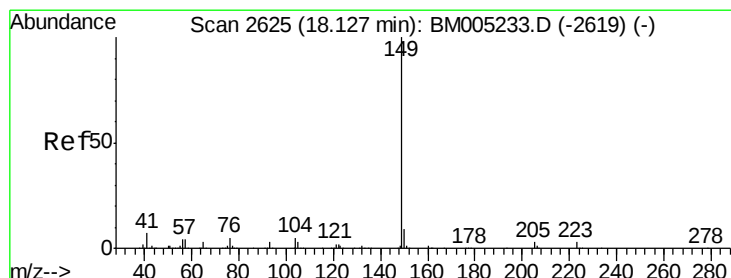
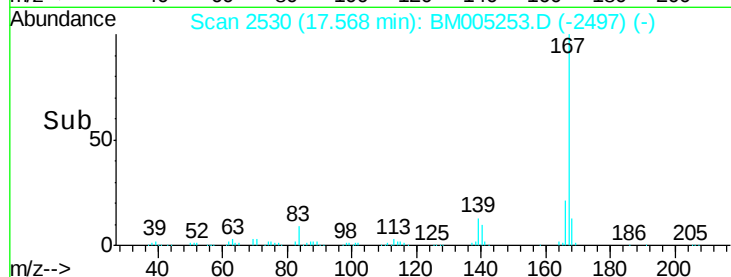
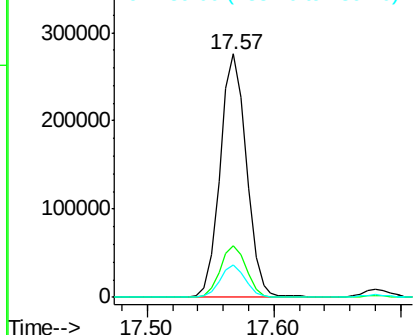
Tgt Ion:	167	Resp:	398356
Ion Ratio		Lower	Upper
167	100		
166	21.0	17.1	25.7
139	13.2	10.2	15.2

Manual Integrations
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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: 1.18 ng/ul

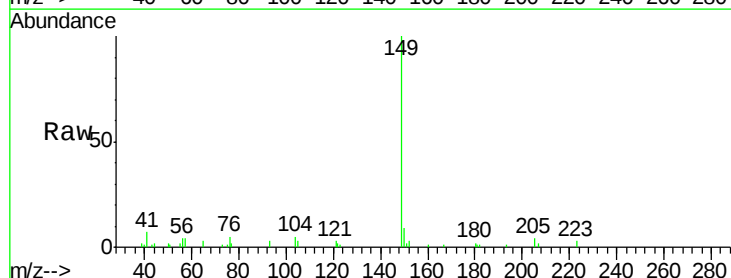
RT: 18.13 min Scan# 2625

Delta R.T. -0.00 min

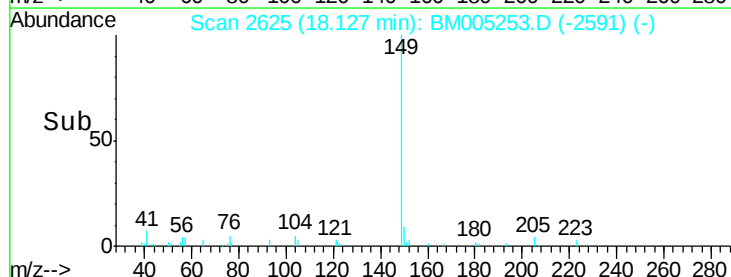
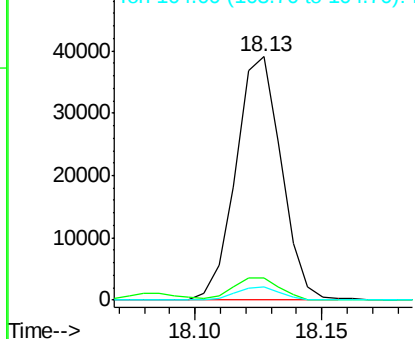
Lab File: BM005253.D

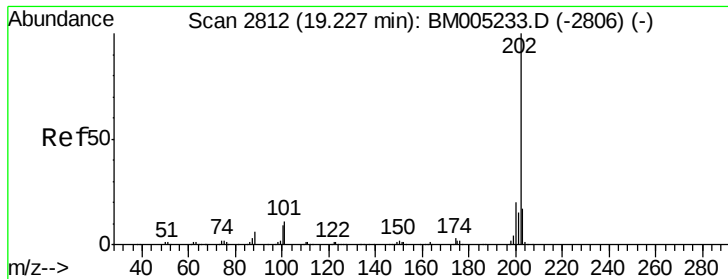
Acq: 06 May 2016 02:22

Tgt Ion:	149	Resp:	48834
Ion Ratio		Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.5	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: 6.79 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM005253.D

Acq: 06 May 2016 02:22

Instrument :

BNA_M

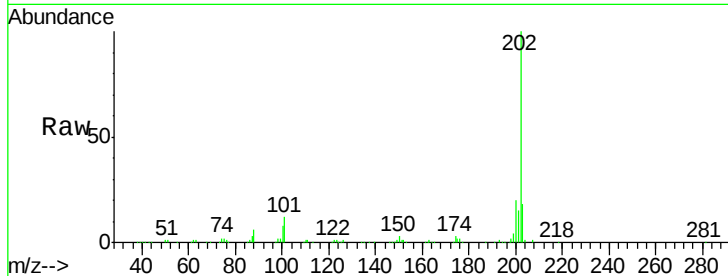
ClientSampleId :

BC7S8

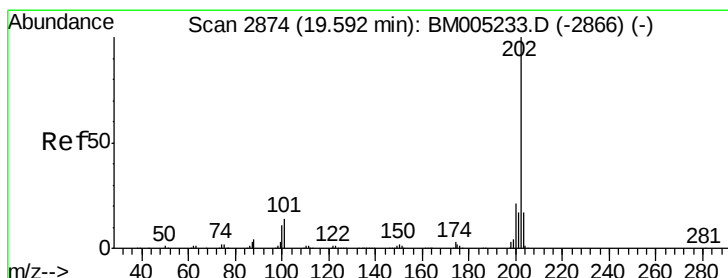
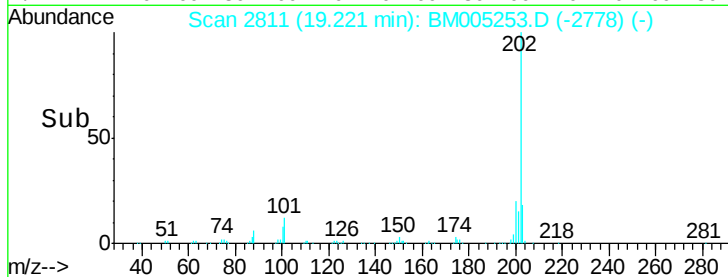
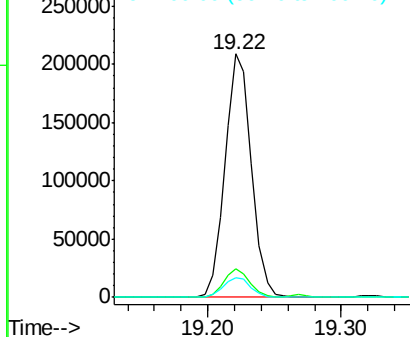
Tgt	Ion	202	Resp:	289749
Ion	Ratio	Lower	Upper	
202	100			
101	11.6	9.2	13.8	
100	8.1	7.1	10.7	

Manual Integrations
APPROVED

sohil
5/6/2016 7:15:17 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: 3.43 ng/ul

RT: 19.59 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BM005253.D

Acq: 06 May 2016 02:22

Tgt	Ion	202	Resp:	171979
Ion	Ratio	Lower	Upper	
202	100			
101	13.3	10.8	16.2	
100	11.3	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

