

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005252.D
 Acq On : 06 May 2016 01:46
 Operator : UM/SJ
 Sample : H2813-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BC7S7

Manual Integrations
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 5/6/2016 7:15:16 PM

Quant Time: May 06 11:51:15 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	93446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	449537	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	293052	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	678857	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	806889	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	799707	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2425	1.22	ng/uL	0.00
5) Phenol-d5	6.95	99	45756	5.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	127599	26.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	135462	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	93747	13.38	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	91802	28.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	104208	28.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	170968	25.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	46821m	5.76	ng/ul	0.05
43) Dimethylphthalate-d6	13.83	166	619825	26.39	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	733695	26.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	20974	4.89	ng/ul	0.00
57) Fluorene-d10	15.41	176	543319	26.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	106222	27.82	ng/ul	0.00
70) Anthracene-d10	17.27	188	832172	27.73	ng/ul	0.00
76) Pyrene-d10	19.56	212	976287	26.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	966649	27.31	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	10688	2.95	ng/uL	97
28) Naphthalene	10.65	128	7745347	342.44	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	2106953	124.55	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	879140	37.87	ng/ul	99
47) Acenaphthylene	14.14	152	147775	5.07	ng/ul#	94
49) Acenaphthene	14.49	153	1733745	90.26	ng/ul	99
53) Dibenzofuran	14.82	168	2165530	77.70	ng/ul	96
58) Fluorene	15.47	166	1415675	64.97	ng/ul	99
69) Phenanthrene	17.22	178	3023004	84.69	ng/ul	98
71) Anthracene	17.30	178	268791	7.55	ng/ul	99
72) Carbazole	17.57	167	695967	22.23	ng/ul	99
74) Fluoranthene	19.23	202	905023	22.88	ng/ul	98
77) Pyrene	19.59	202	597393	12.76	ng/ul	98
80) Benzo(a)anthracene	21.34	228	86519	1.86	ng/ul	98
82) Chrysene	21.39	228	53687m	1.22	ng/ul	

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

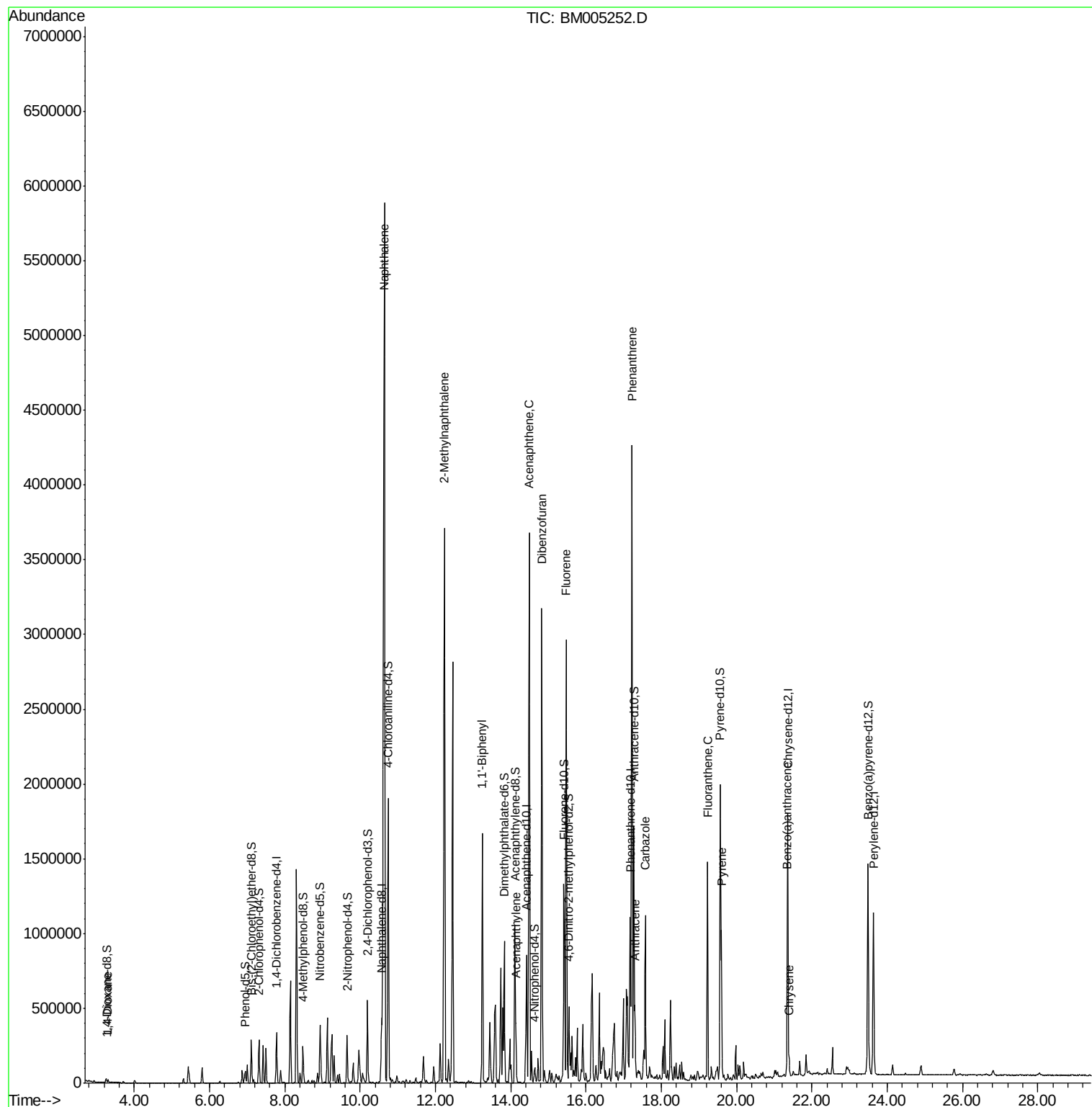
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

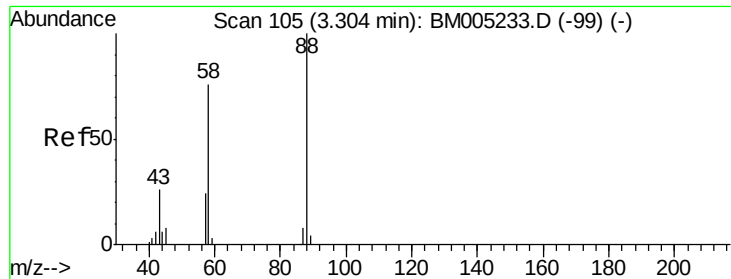
Instrument :
BNA_M
ClientSampleId :
BC7S7

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Quant Time: May 06 11:51:15 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: 2.95 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampled :

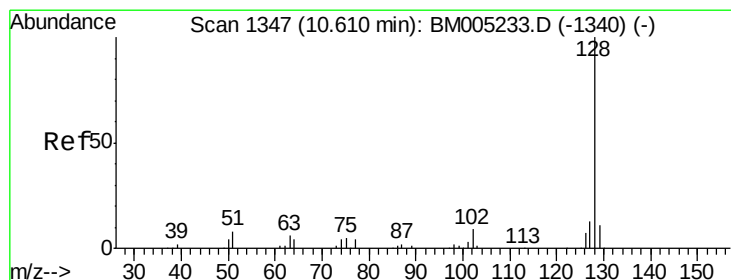
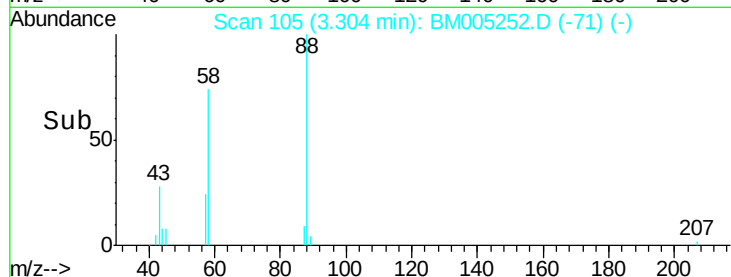
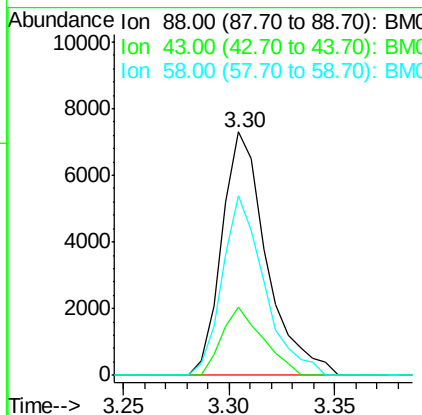
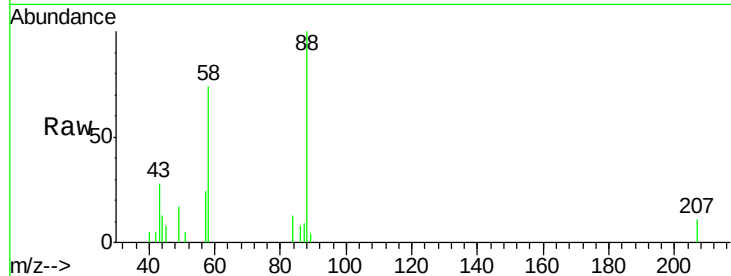
BC7S7

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Tgt Ion	88	Resp	10688
Ion Ratio	Lower	Upper	
88	100		
43	25.6	19.3	28.9
58	69.6	57.9	86.9



#28

Naphthalene

Concen: 342.44 ng/uL

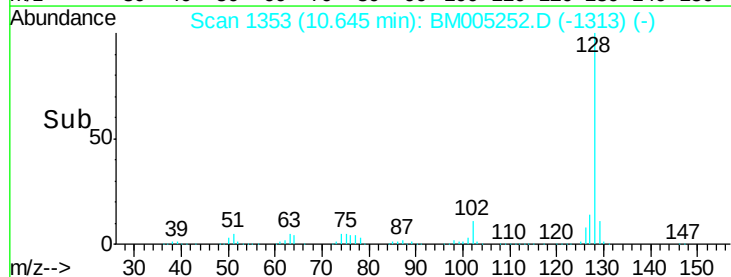
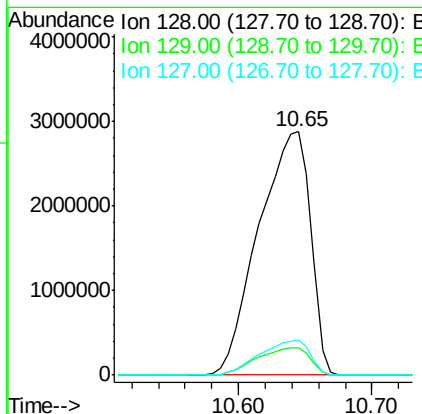
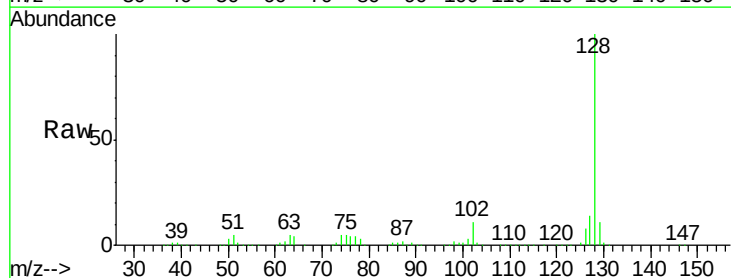
RT: 10.65 min Scan# 1353

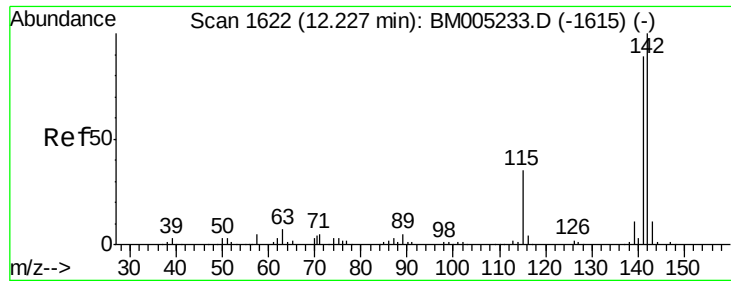
Delta R.T. 0.04 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Tgt Ion	128	Resp	7745347
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.4	12.6
127	14.3	10.8	16.2





#34

2-Methylnaphthalene

Concen: 124.55 ng/ul

RT: 12.23 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

Tgt Ion:142 Resp: 2106953

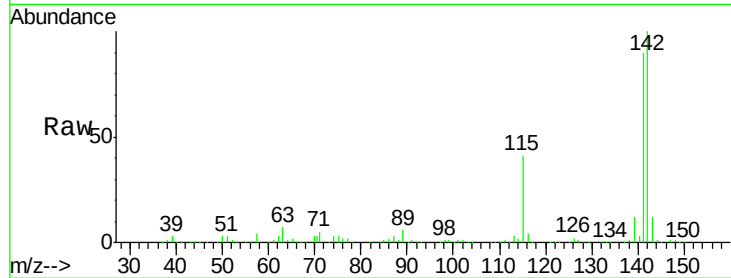
Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9

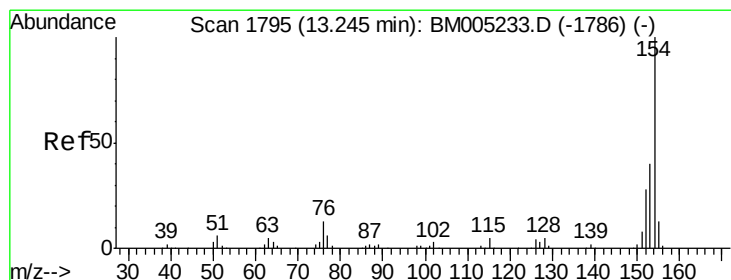
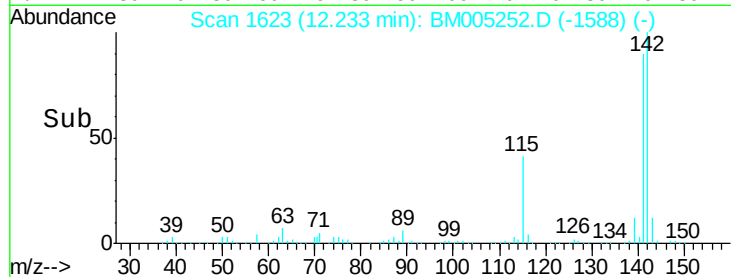
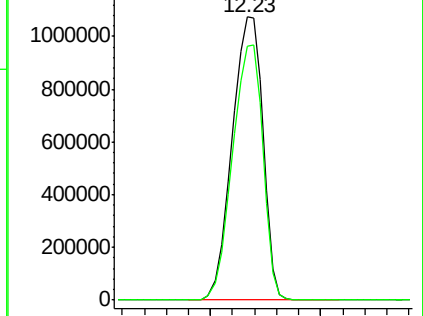
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 37.87 ng/ul

RT: 13.24 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

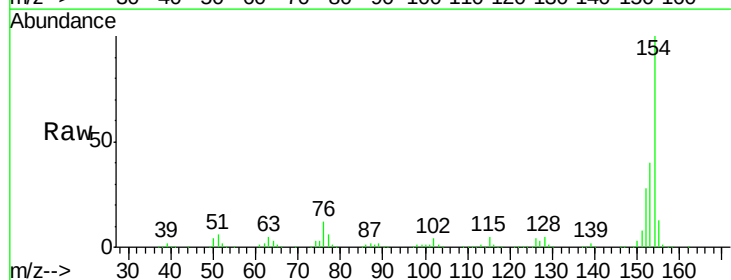
Tgt Ion:154 Resp: 879140

Ion Ratio Lower Upper

154 100

153 40.4 32.1 48.1

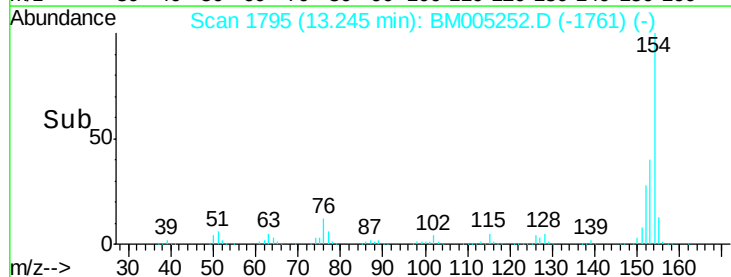
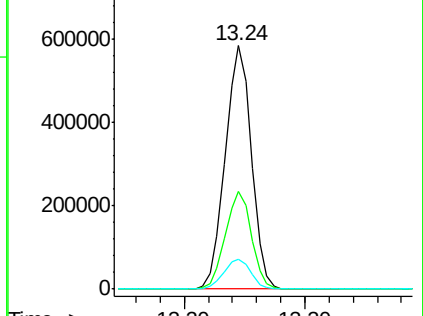
76 12.4 10.6 15.8

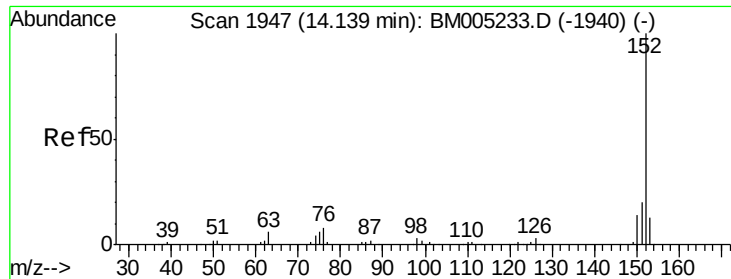


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





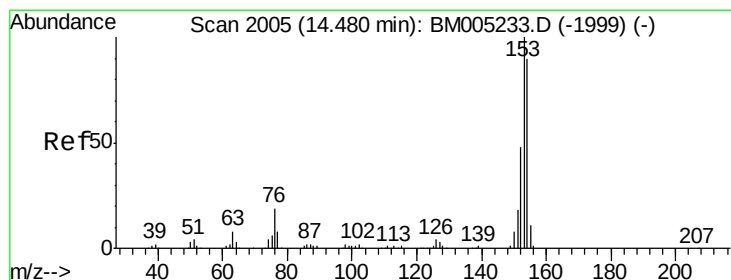
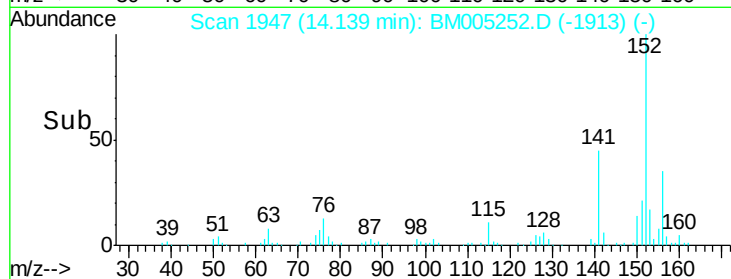
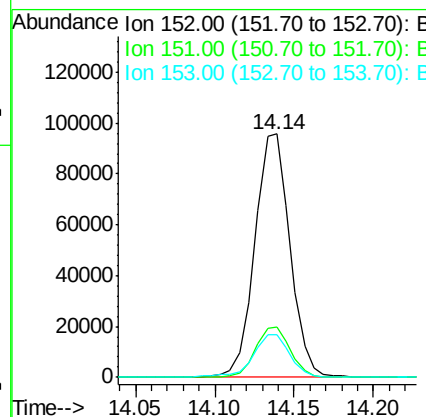
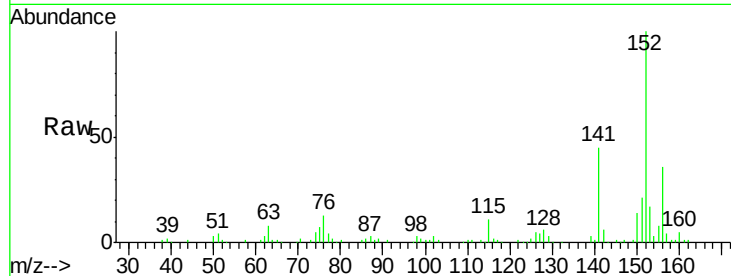
#47
Acenaphthylene
Concen: 5.07 ng/ul
RT: 14.14 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	147775		
151	20.9	16.0	24.0	
153	17.4	10.3	15.5#	

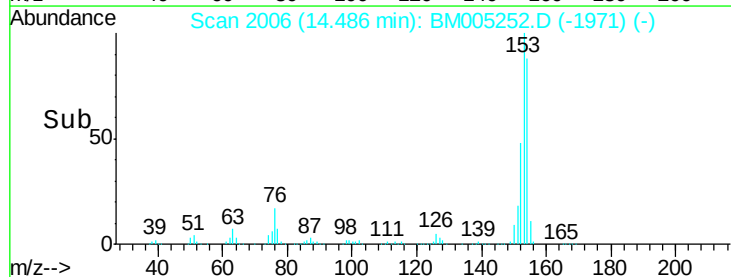
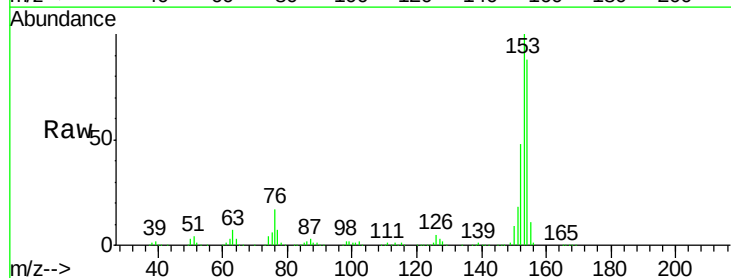
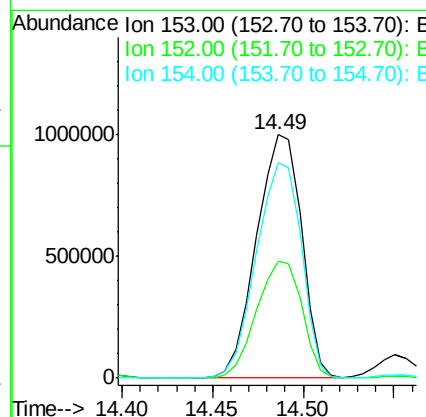
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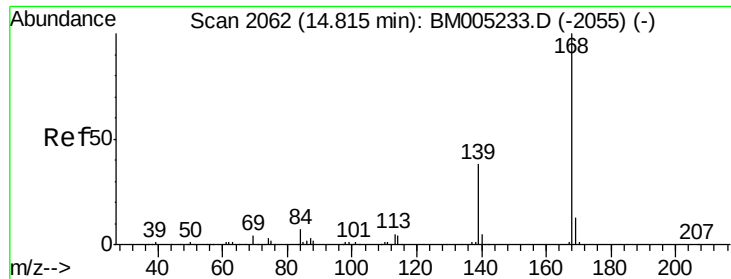
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#49
Acenaphthene
Concen: 90.26 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1733745		
152	48.1	38.9	58.3	
154	88.5	70.3	105.5	





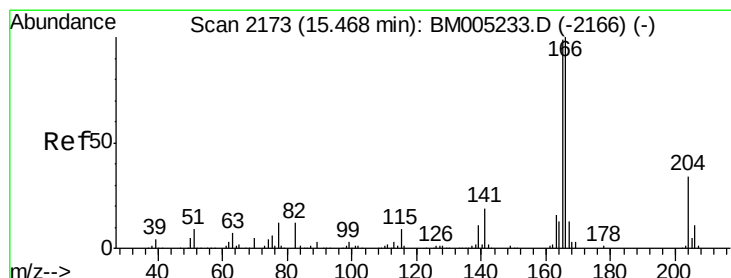
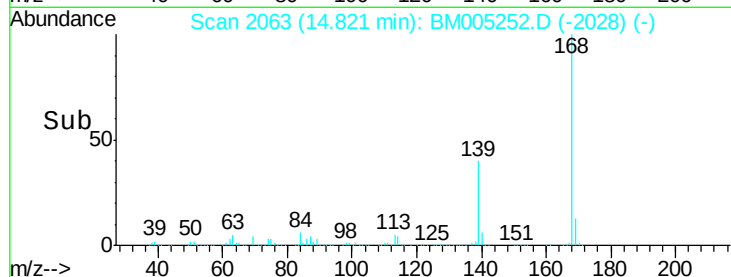
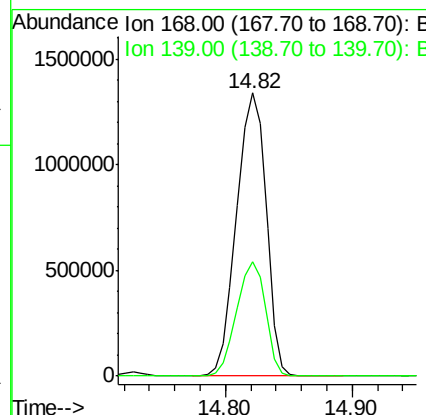
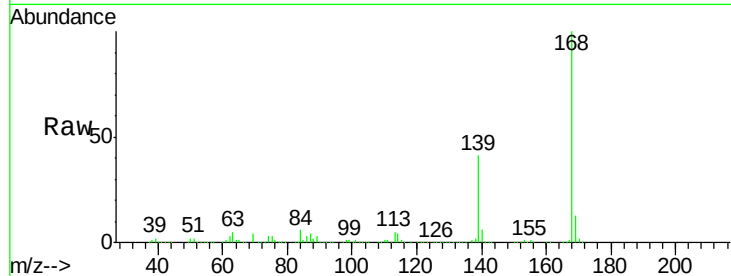
#53
Dibenzenofuran
Concen: 77.70 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Instrument :
BNA_M
ClientSampleId :
BC7S7

Tgt Ion:168 Resp: 2165530
Ion Ratio Lower Upper
168 100
139 40.5 30.3 45.5

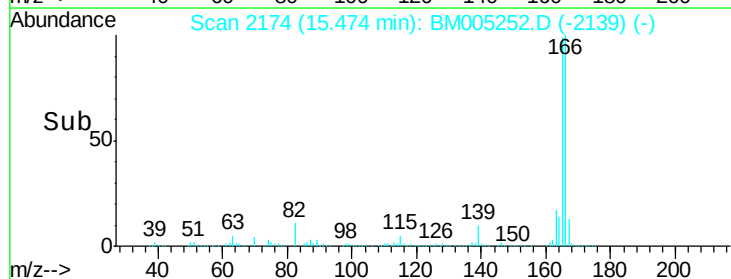
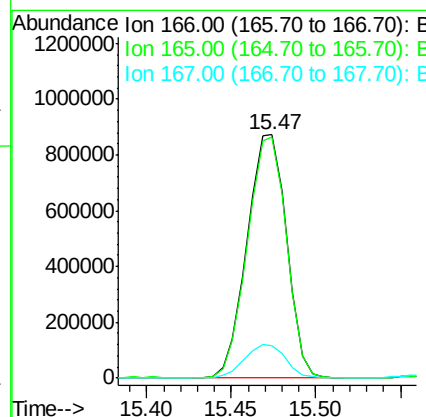
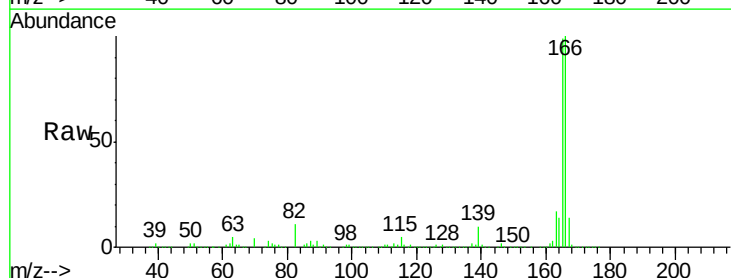
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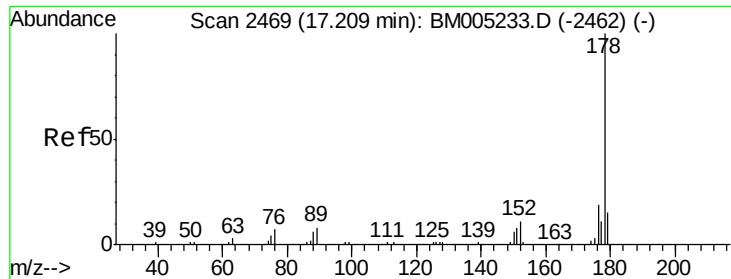
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#58
Fluorene
Concen: 64.97 ng/ul
RT: 15.47 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Tgt Ion:166 Resp: 1415675
Ion Ratio Lower Upper
166 100
165 98.9 77.9 116.9
167 13.5 10.6 16.0





#69

Phenanthrene

Concen: 84.69 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

Tgt Ion:178 Resp: 3023004

Ion Ratio Lower Upper

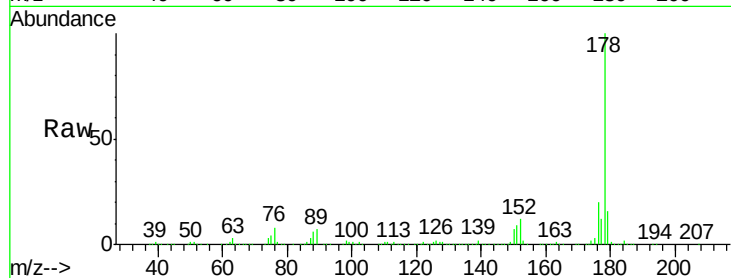
178 100

179 15.8 12.3 18.5

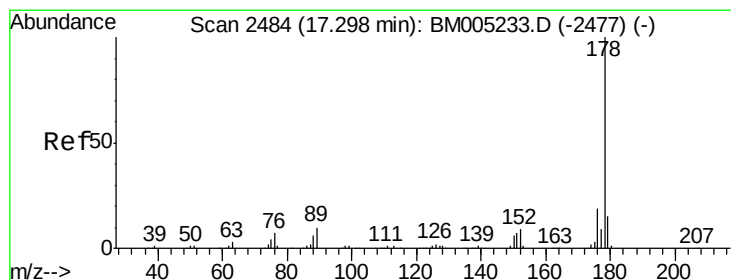
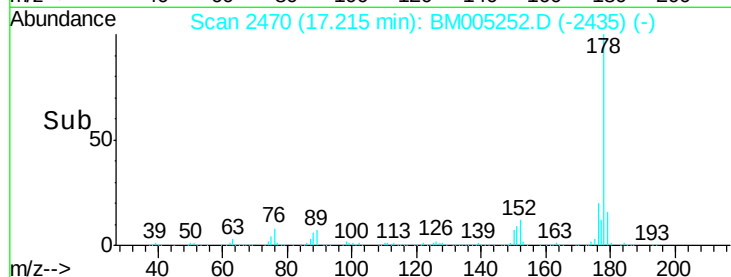
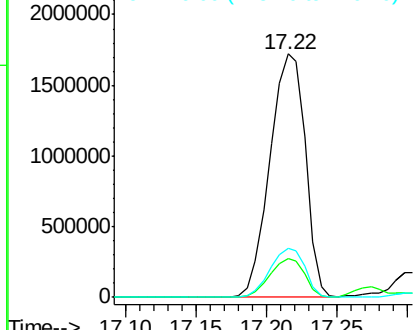
176 20.2 15.2 22.8

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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: 7.55 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

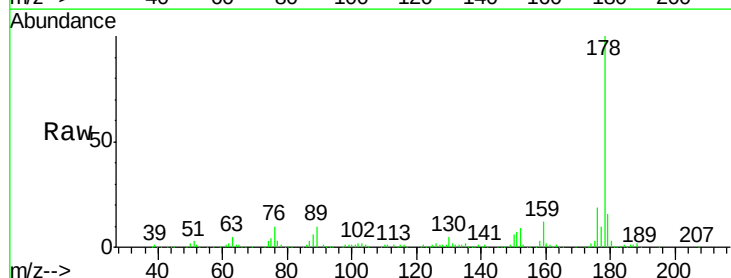
Tgt Ion:178 Resp: 268791

Ion Ratio Lower Upper

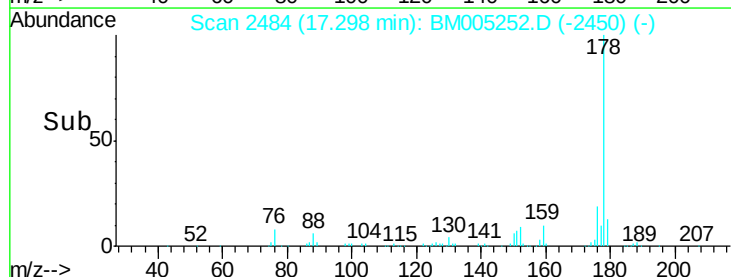
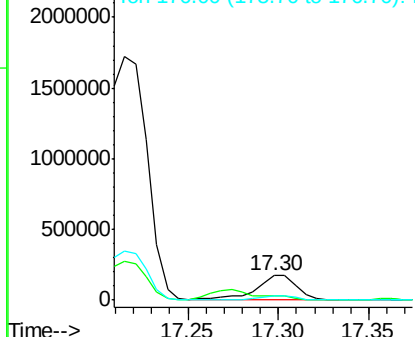
178 100

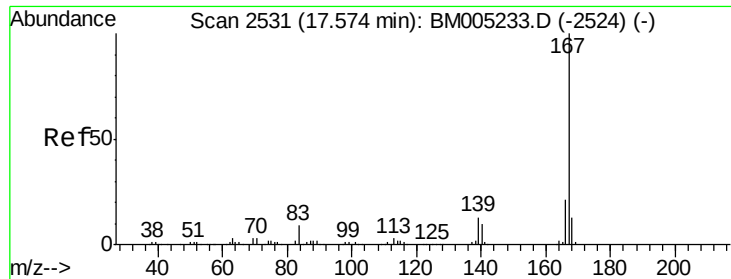
179 16.2 12.4 18.6

176 18.8 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: 22.23 ng/ul

RT: 17.57 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BM005252.D

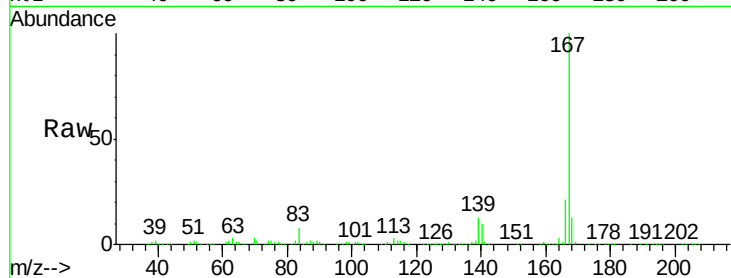
Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

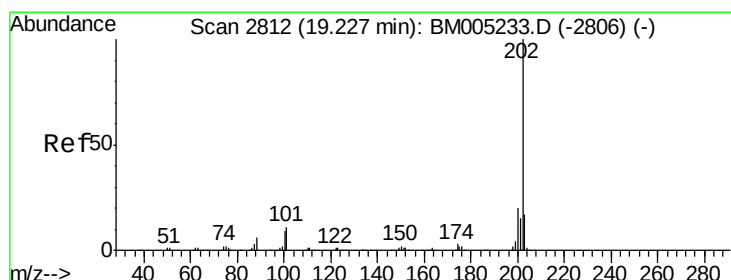
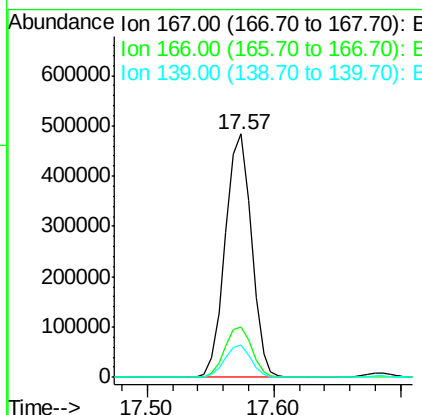
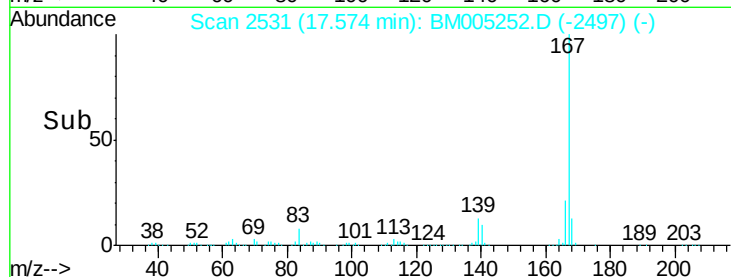
BC7S7



Tgt Ion:	167	Resp:	695967
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.1	25.7
139	13.2	10.2	15.2

Manual Integrations
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#74

Fluoranthene

Concen: 22.88 ng/ul

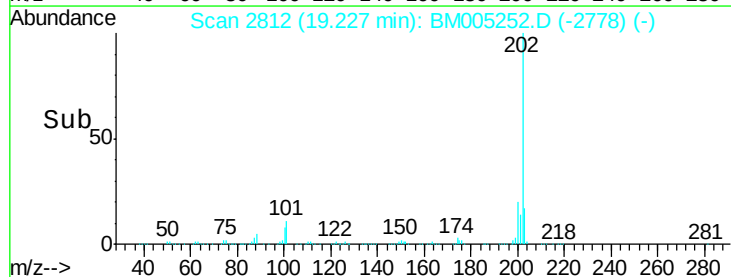
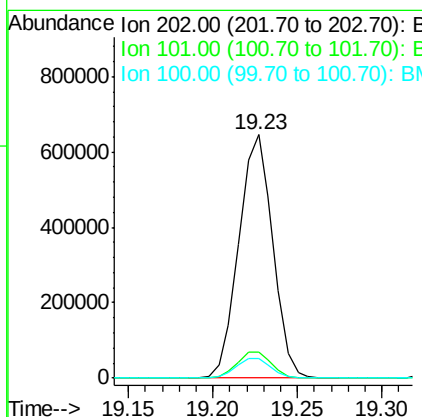
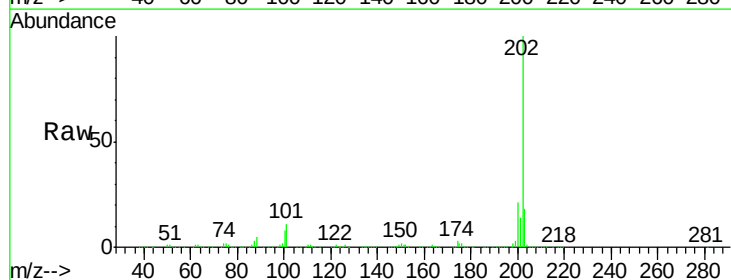
RT: 19.23 min Scan# 2812

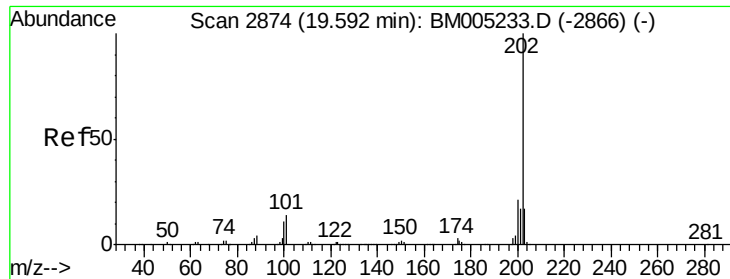
Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Tgt Ion:	202	Resp:	905023
Ion Ratio	Lower	Upper	
202	100		
101	10.9	9.2	13.8
100	8.2	7.1	10.7





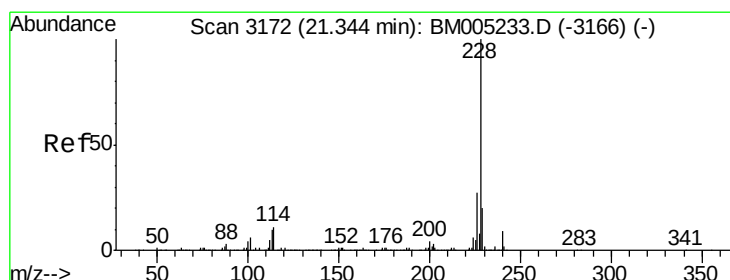
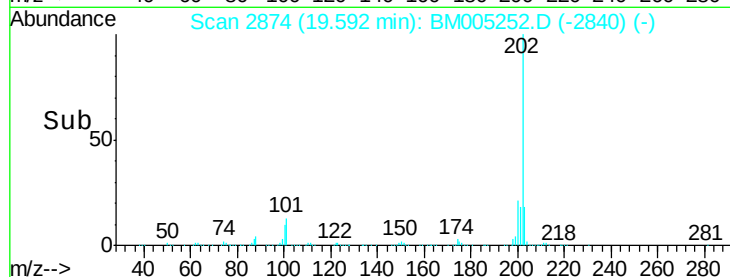
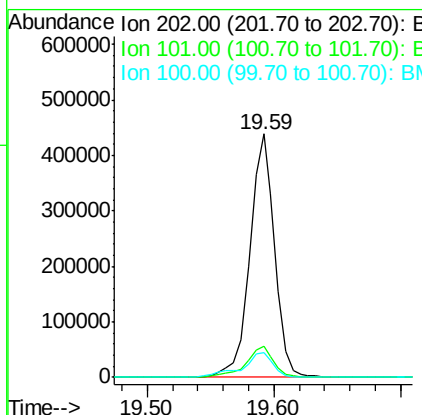
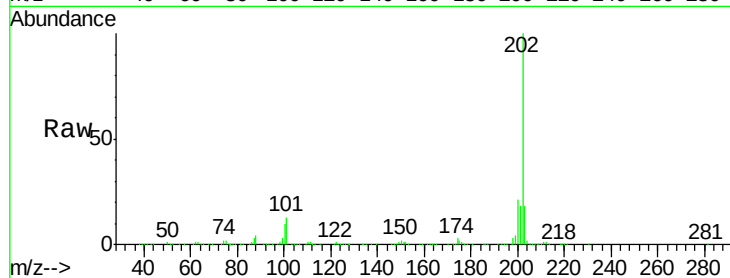
#77
 Pyrene
 Concen: 12.76 ng/ul
 RT: 19.59 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

Instrument :
 BNA_M
 ClientSampled :
 BC7S7

Tgt Ion:	202	Resp:	597393
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.8	16.2
100	10.1	8.4	12.6

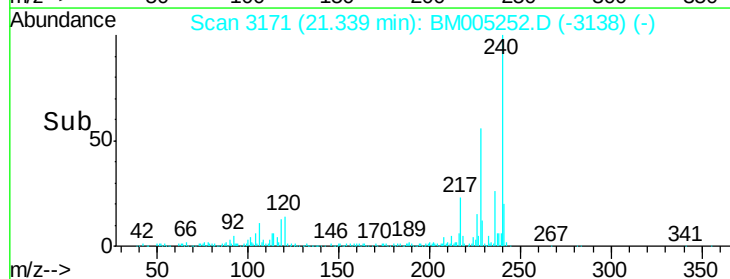
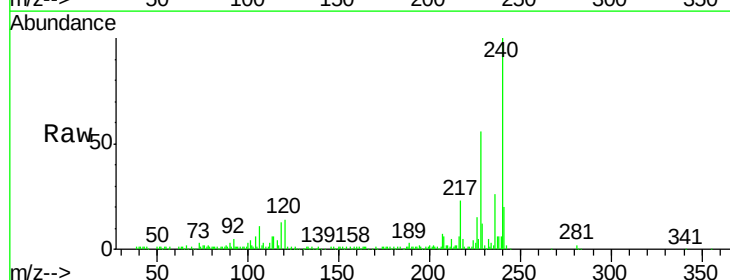
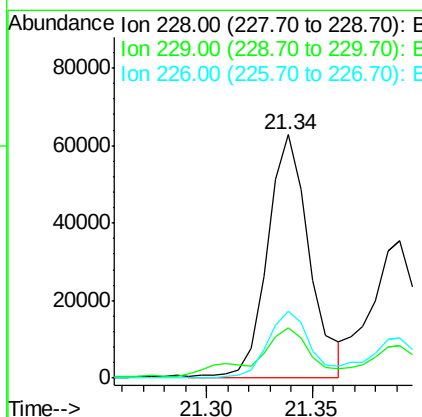
Manual Integrations
 APPROVED

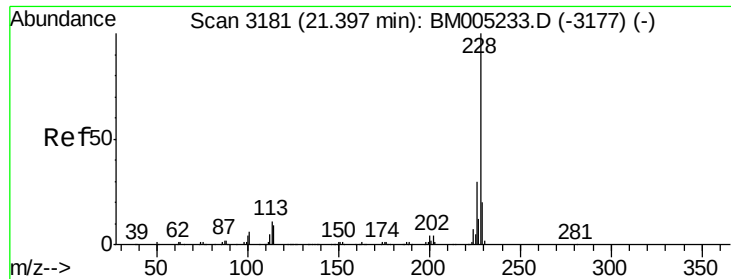
sohil
 5/6/2016 7:15:16 PM



#80
 Benzo(a)anthracene
 Concen: 1.86 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

Tgt Ion:	228	Resp:	86519
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.5	23.3
226	27.5	21.8	32.8





#82

Chrysene

Concen: 1.22 ng/ul m

RT: 21.39 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BM005252.D

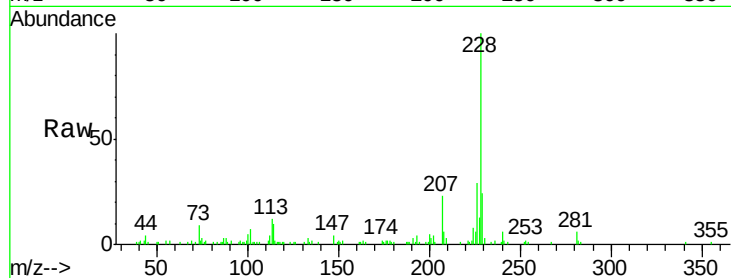
Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7



Tgt Ion: 228 Resp: 53687

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

229 24.0 15.4 23.0#

Manual Integrations
APPROVED

sohil
5/6/2016 7:15:16 PM

