

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010506.D
 Acq On : 11 Jun 2017 03:34
 Operator : SJ/MA
 Sample : I3558-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C89

Manual Integrations
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mohammad
 6/12/2017 3:41:00 PM

Quant Time: Jun 12 08:27:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 07:08:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	135897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	486233	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	340834	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	926993	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1449176	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1473518	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	17295	5.22	ng/uL	0.00
5) Phenol-d5	7.08	99	292759	28.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	161458	27.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	248537	30.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	249877	30.07	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	113982	32.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	146015	35.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	303387	35.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	304061	37.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	1105470	39.04	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1186672	35.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	158949	37.52	ng/ul	0.00
57) Fluorene-d10	15.52	176	966286	38.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	209255	31.87	ng/ul	0.00
70) Anthracene-d10	17.38	188	1702113m	37.74	ng/ul	0.00
76) Pyrene-d10	19.67	212	2268300	37.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	2511239	36.60	ng/ul	0.00
Target Compounds						
6) Phenol	7.10	94	30299	2.870	ng/ul#	83
28) Naphthalene	10.75	128	4911542	201.391	ng/ul	99
34) 2-Methylnaphthalene	12.35	142	875516	47.349	ng/ul	96
40) 1,1'-Biphenyl	13.36	154	229108	8.286	ng/ul	99
44) Dimethylphthalate	13.99	163	465901	16.729	ng/ul	100
47) Acenaphthylene	14.26	152	43049	1.333	ng/ul#	92
49) Acenaphthene	14.59	153	734656	32.448	ng/ul	99
53) Dibenzofuran	14.93	168	979763	29.265	ng/ul	96
58) Fluorene	15.58	166	920022	33.501	ng/ul	99
69) Phenanthrene	17.32	178	4746021	95.903	ng/ul	99
71) Anthracene	17.41	178	1262175	24.431	ng/ul	96
72) Carbazole	17.70	167	1184976	27.098	ng/ul	97
74) Fluoranthene	19.33	202	3165745	52.020	ng/ul#	96
77) Pyrene	19.70	202	2002973	26.822	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	719675	8.806	ng/ul	97
82) Chrysene	21.48	228	520701	7.049	ng/ul	96
85) Benzo(b)fluoranthene	23.06	252	338344	3.946	ng/ul	98
86) Benzo(k)fluoranthene	23.10	252	154538m	1.887	ng/ul	
88) Benzo(a)pyrene	23.67	252	229460	2.700	ng/ul	95

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

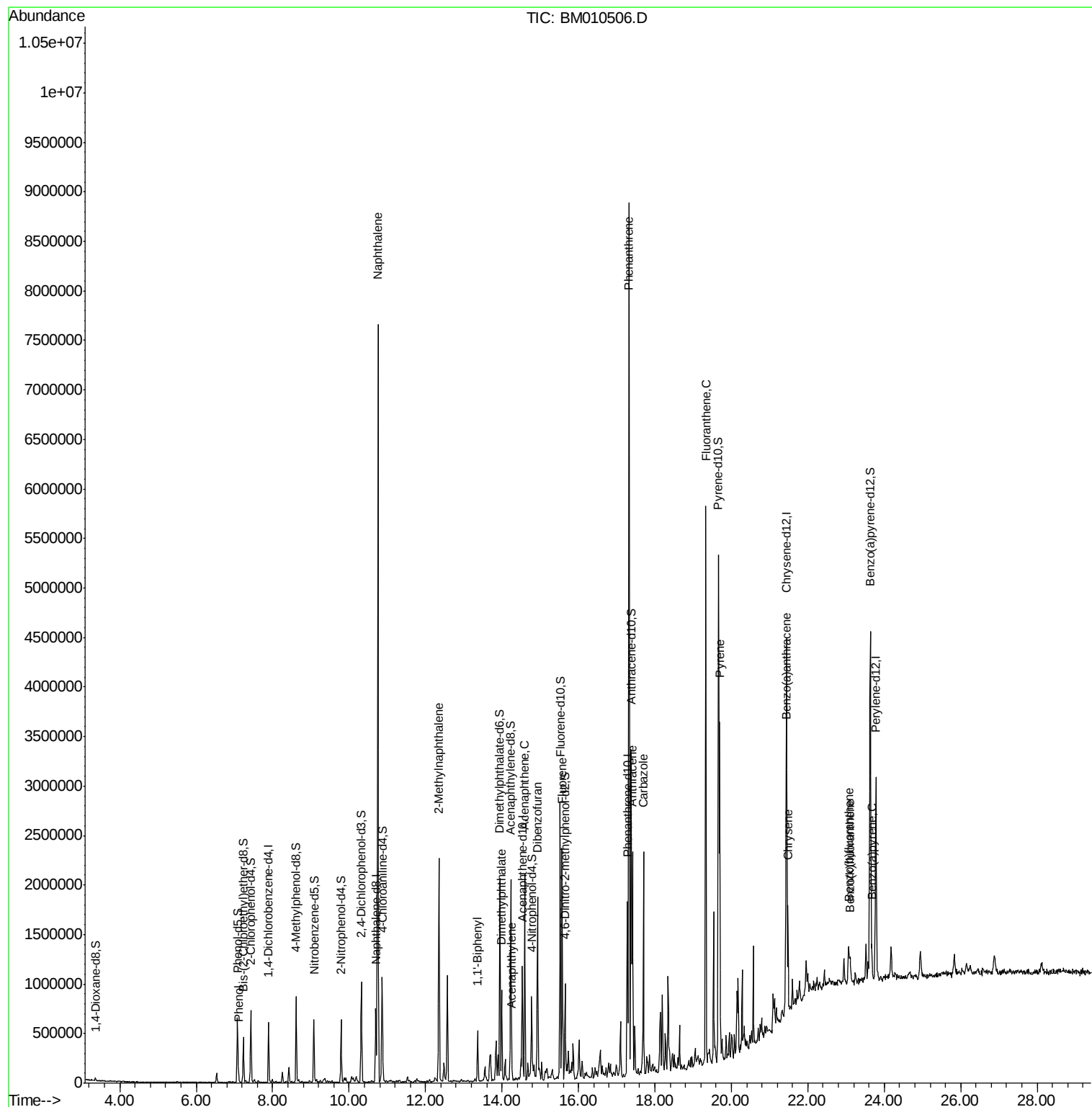
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010506.D
Acq On : 11 Jun 2017 03:34
Operator : SJ/MA
Sample : I3558-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

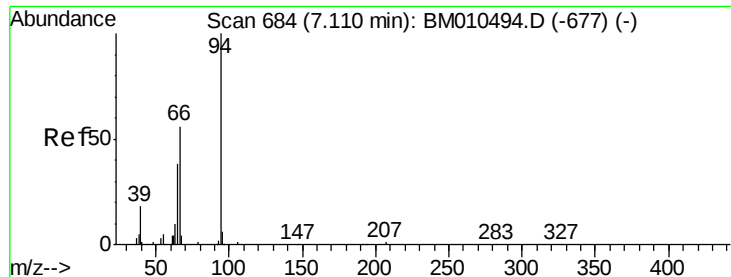
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 12 08:27:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 07:08:51 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.870 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

Instrument :

BNA_M

ClientSampleId :

F5C89

Tgt Ion: 94 Resp: 30299

Ion Ratio Lower Upper

94 100

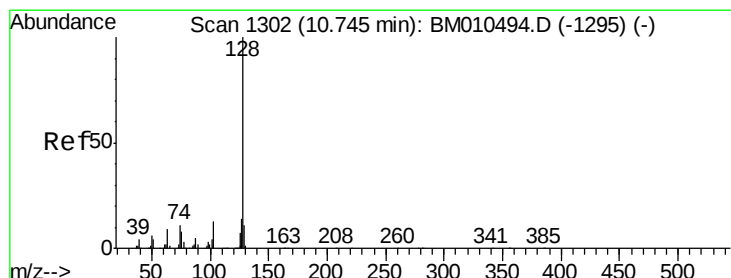
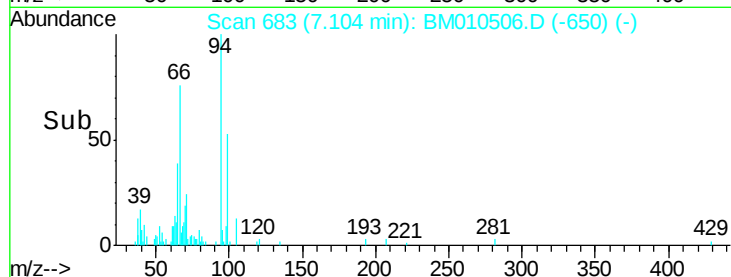
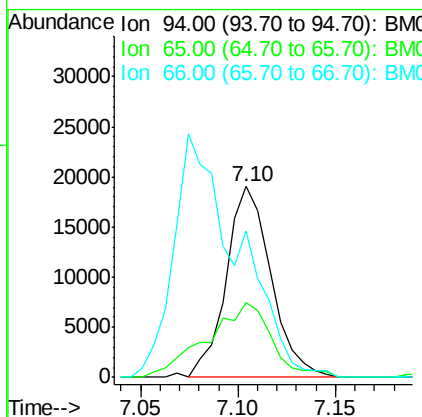
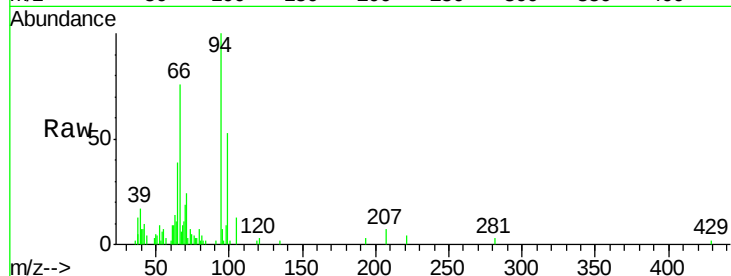
65 39.0 28.2 42.4

66 76.4 47.2 70.8#

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#28

Naphthalene

Concen: 201.391 ng/ul

RT: 10.75 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

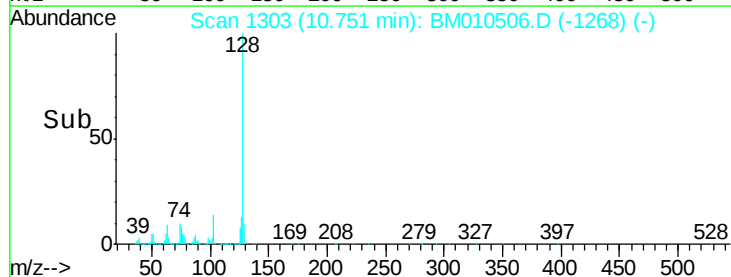
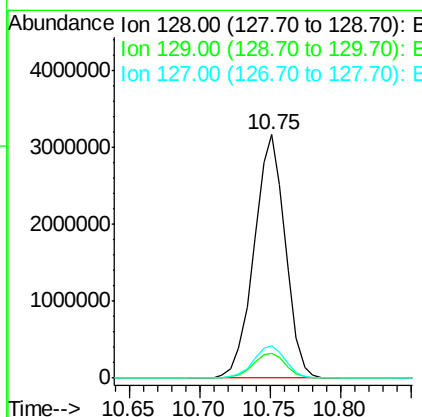
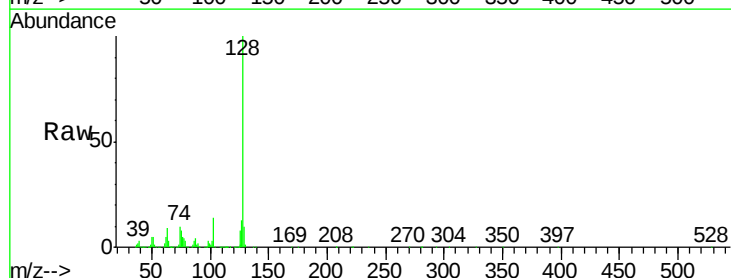
Tgt Ion: 128 Resp: 4911542

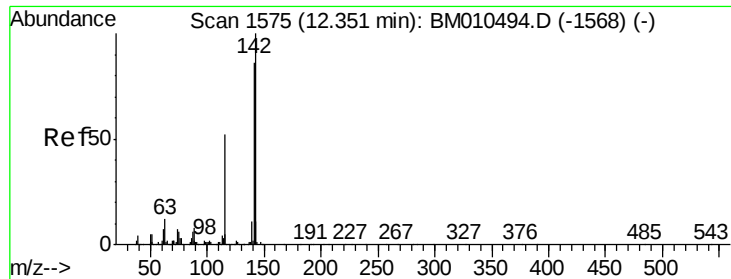
Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

127 13.1 10.6 16.0





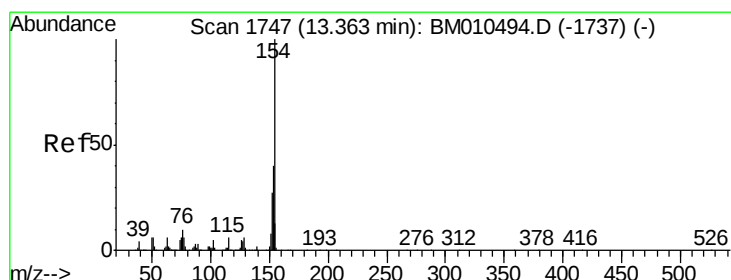
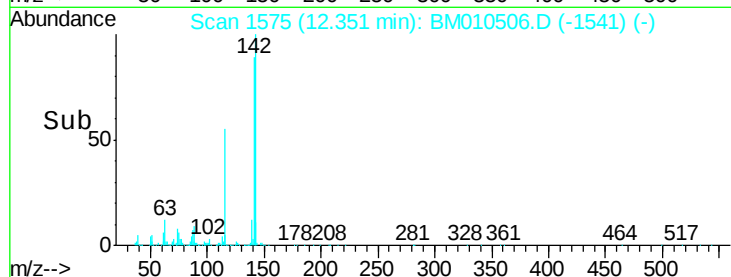
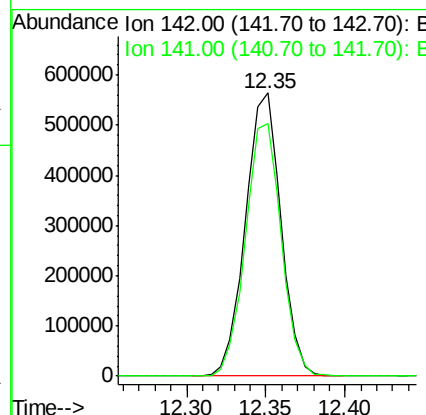
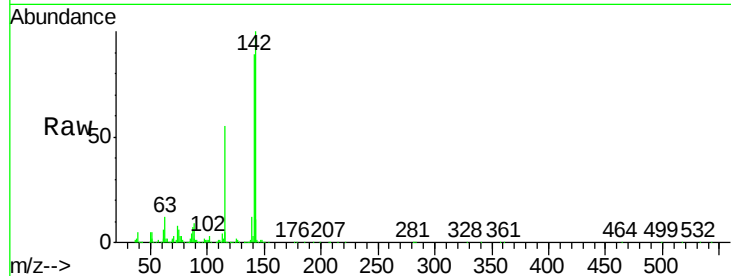
#34
 2-Methylnaphthalene
 Concen: 47.349 ng/ul
 RT: 12.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BM010506.D
 Acq: 11 Jun 2017 03:34

Instrument :
 BNA_M
 ClientSampleId :
 F5C89

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	74.1	111.1

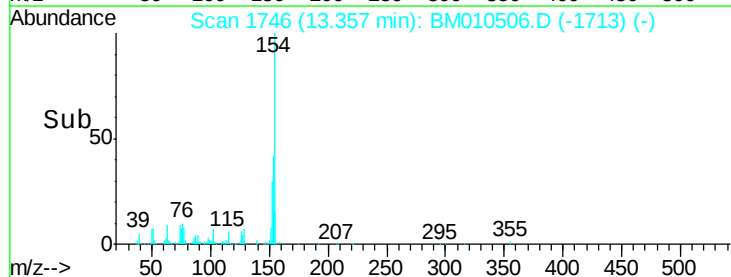
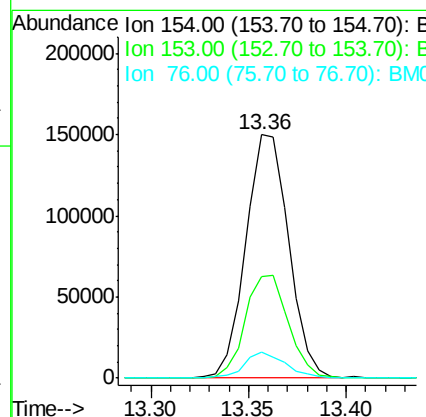
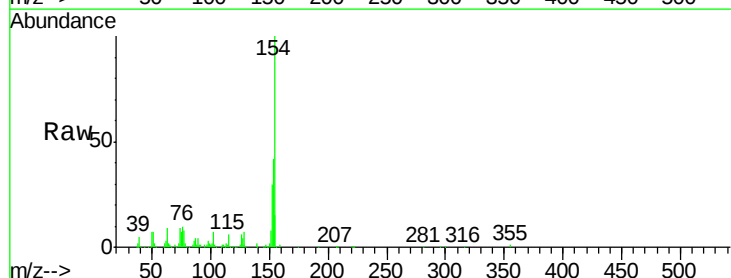
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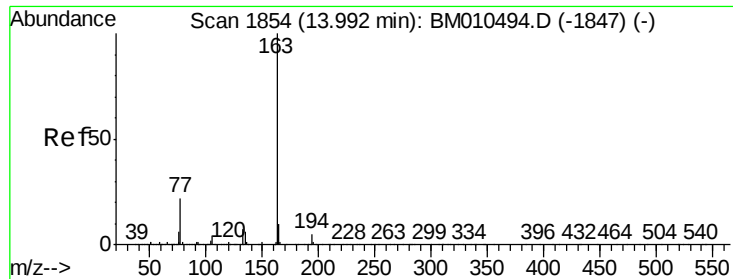
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#40
 1,1'-Biphenyl
 Concen: 8.286 ng/ul
 RT: 13.36 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM010506.D
 Acq: 11 Jun 2017 03:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	32.6	48.8
76	10.5	8.5	12.7





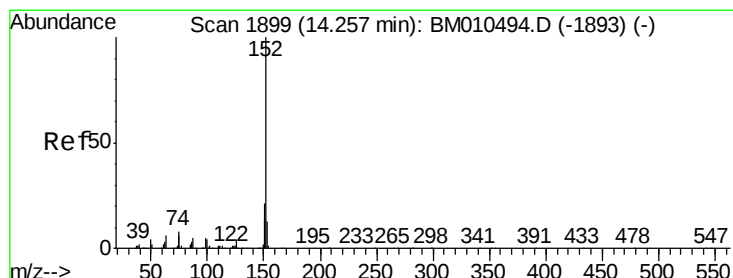
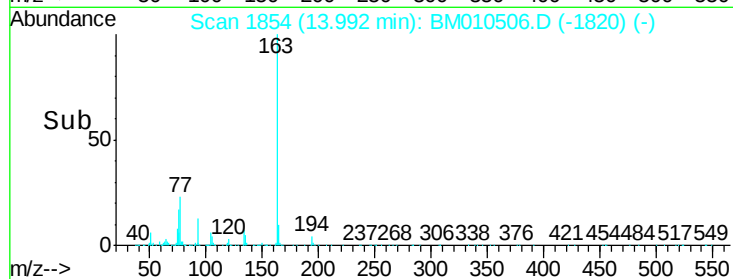
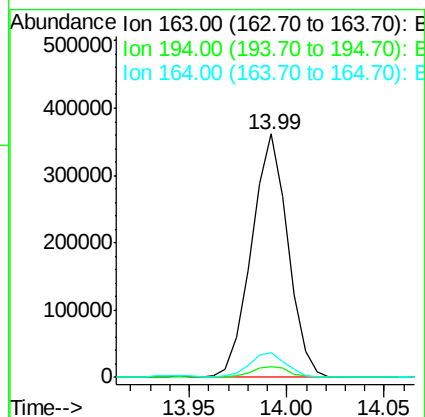
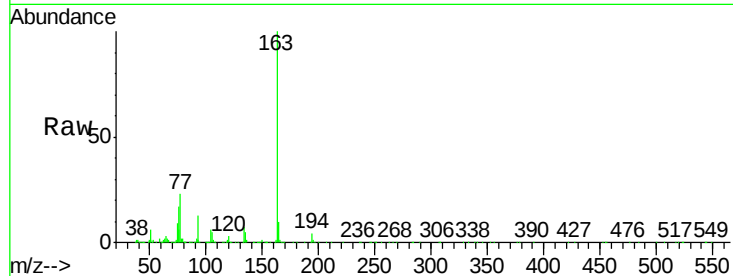
#44
Dimethylphthalate
Concen: 16.729 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM010506.D
Acq: 11 Jun 2017 03:34

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	465901		
194	4.4	3.5	5.3	
164	10.1	8.2	12.4	

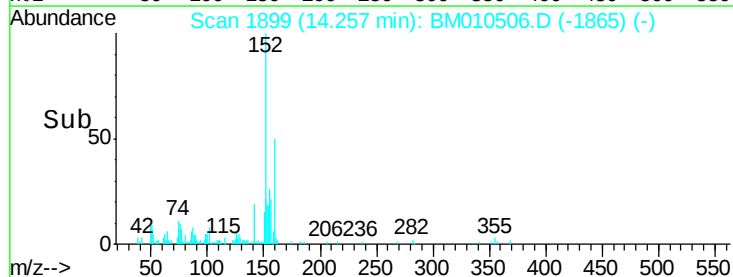
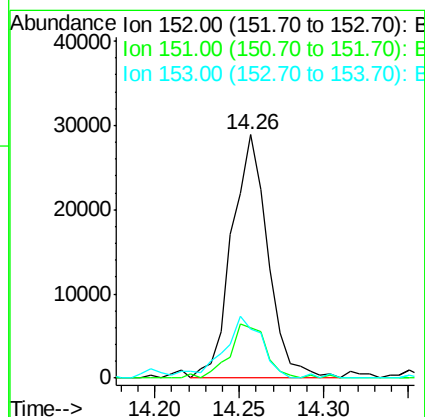
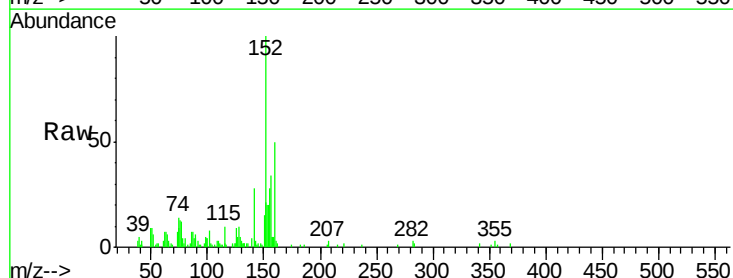
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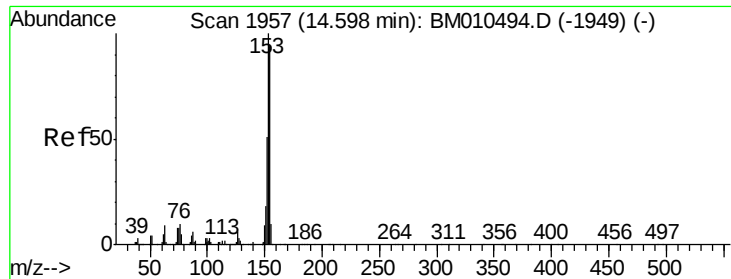
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#47
Acenaphthylene
Concen: 1.333 ng/ul
RT: 14.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM010506.D
Acq: 11 Jun 2017 03:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	43049		
151	20.8	16.3	24.5	
153	20.2	10.2	15.4	





#49

Acenaphthene

Concen: 32.448 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

Instrument :

BNA_M

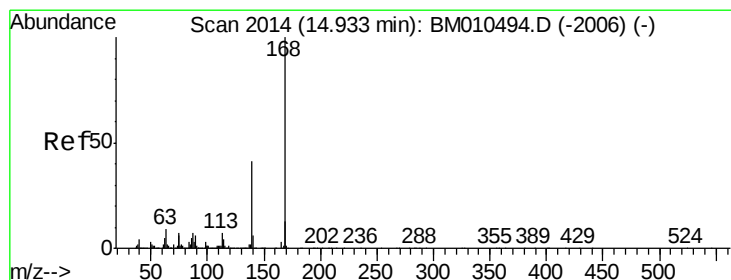
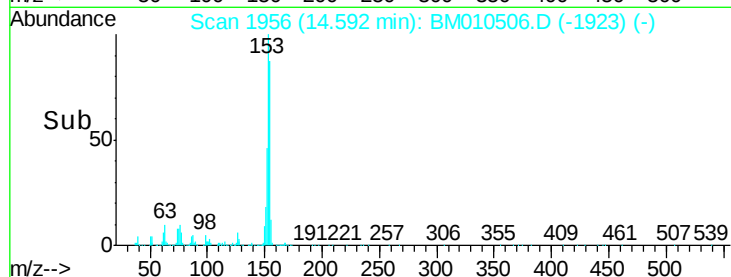
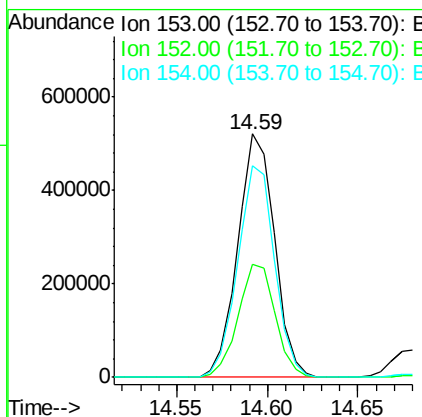
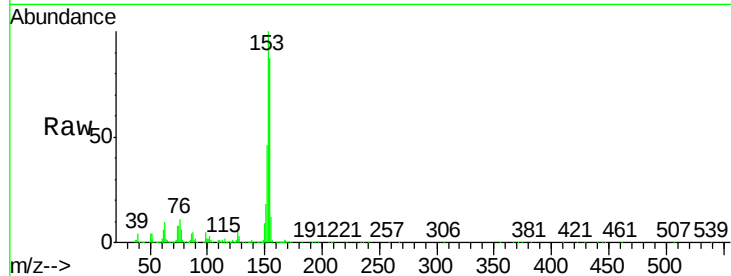
ClientSampleId :

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Tgt Ion:	153	Resp:	734656
Ion Ratio	Lower	Upper	
153	100		
152	46.3	37.6	56.4
154	87.0	70.4	105.6

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#53

Dibenzofuran

Concen: 29.265 ng/ul

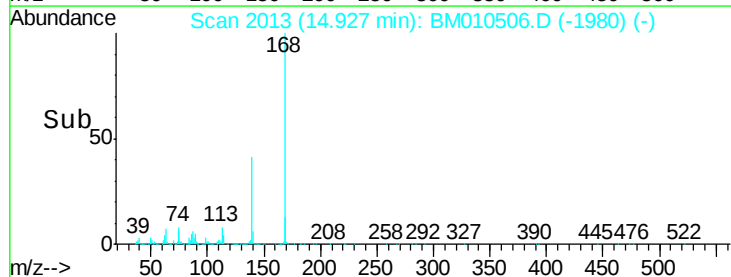
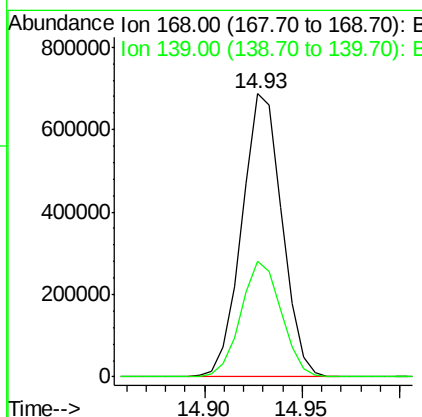
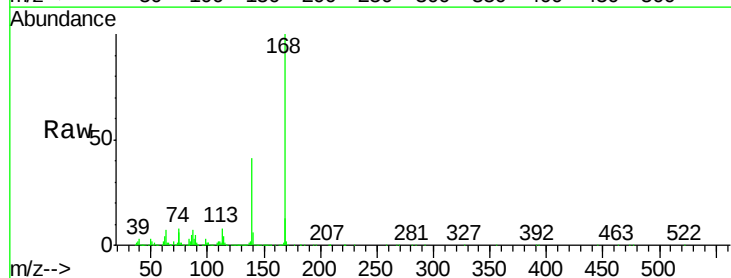
RT: 14.93 min Scan# 2013

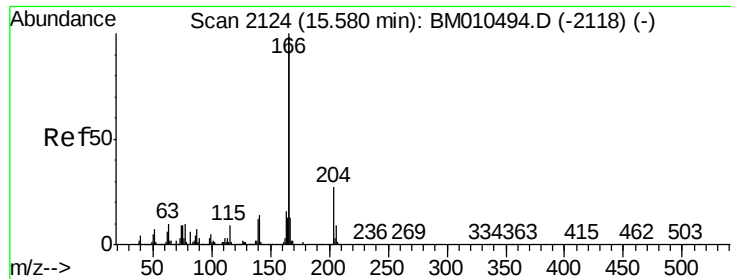
Delta R.T. -0.01 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

Tgt Ion:	168	Resp:	979763
Ion Ratio	Lower	Upper	
168	100		
139	40.9	30.8	46.2





#58

Fluorene

Concen: 33.501 ng/ul

RT: 15.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

Instrument :

BNA_M

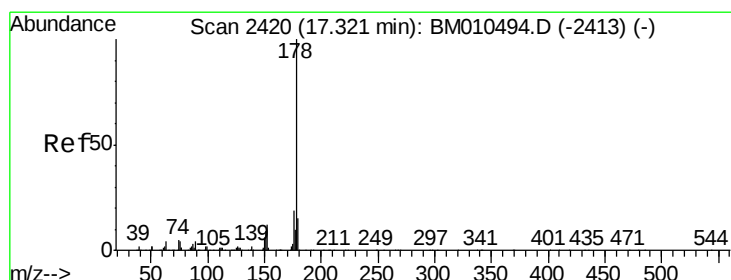
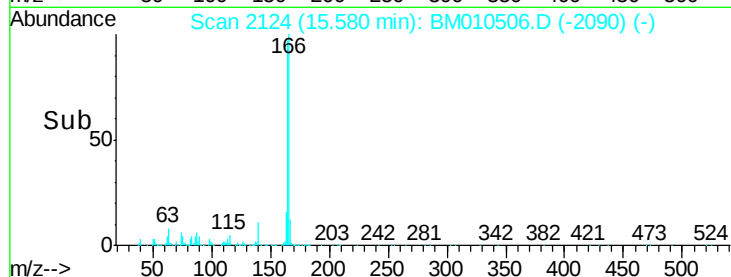
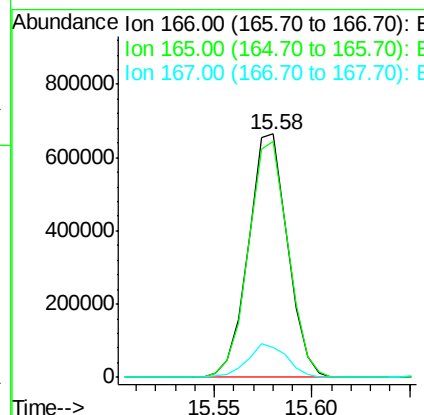
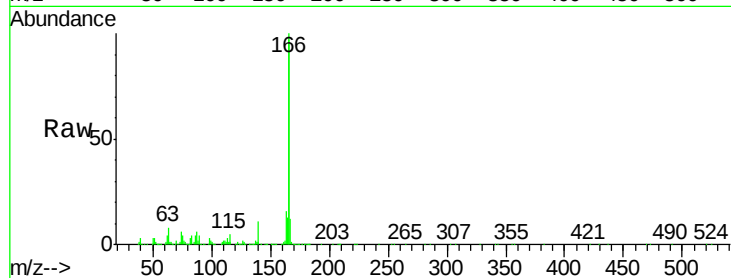
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	12.4	10.6	16.0

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#69

Phenanthrene

Concen: 95.903 ng/ul

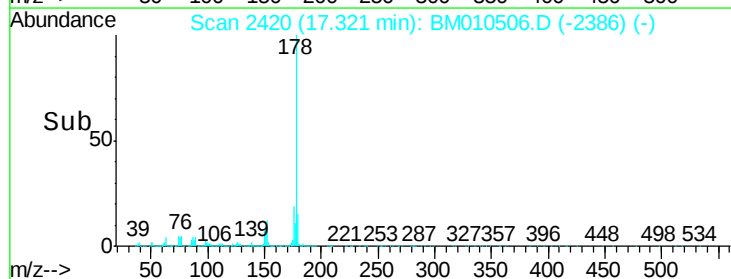
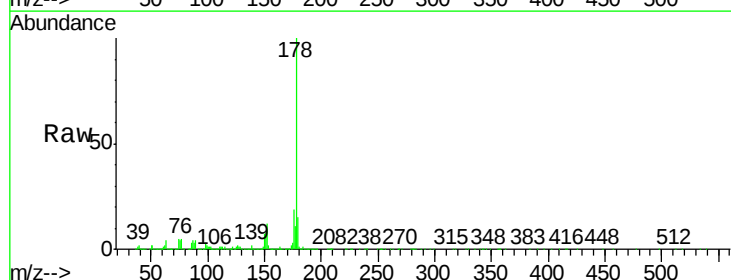
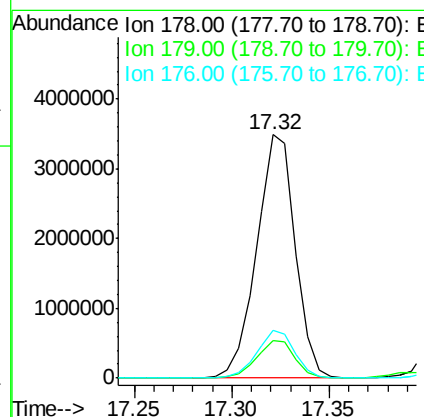
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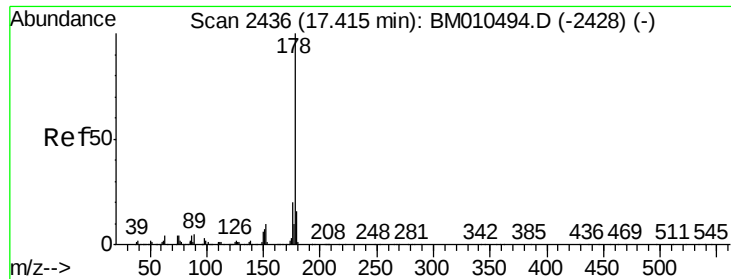
Delta R.T. 0.00 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.5	14.9	22.3





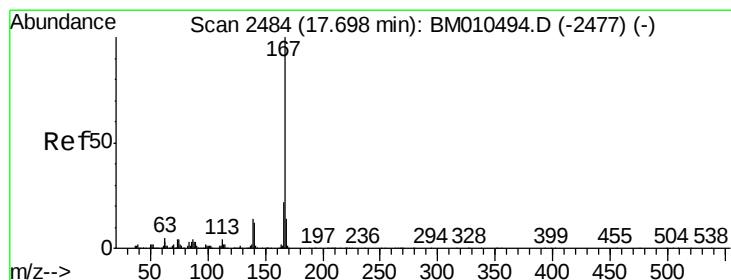
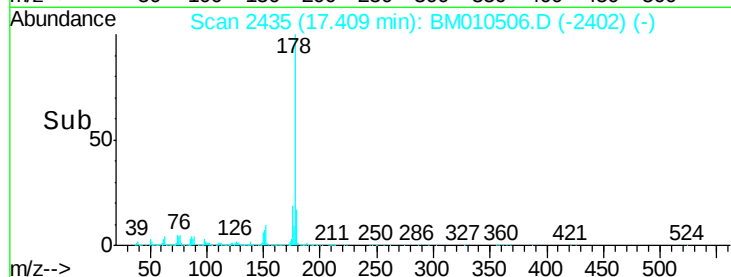
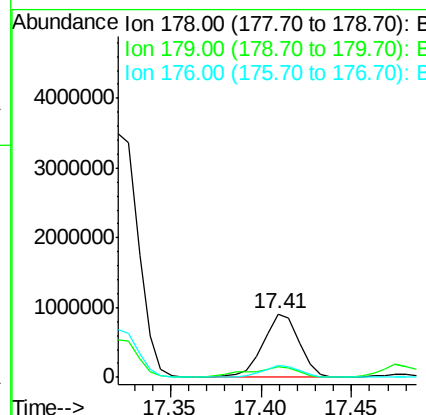
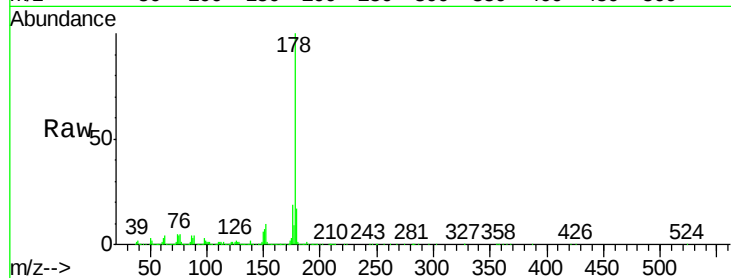
#71
 Anthracene
 Concen: 24.431 ng/ul
 RT: 17.41 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BM010506.D
 Acq: 11 Jun 2017 03:34

Instrument :
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 F5C89

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.7	17.5
176	19.3	14.6	21.8

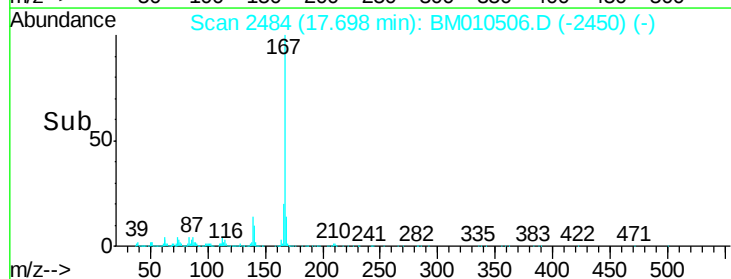
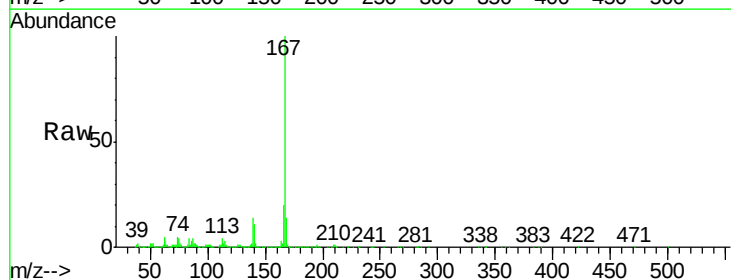
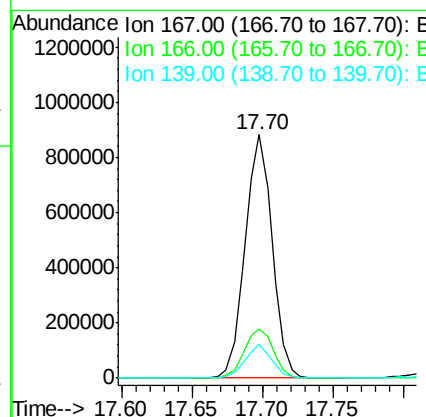
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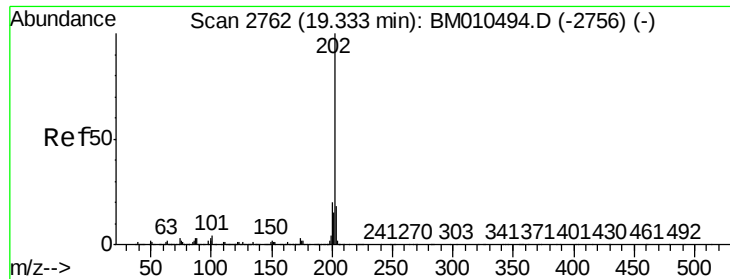
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#72
 Carbazole
 Concen: 27.098 ng/ul
 RT: 17.70 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM010506.D
 Acq: 11 Jun 2017 03:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.1	25.7
139	14.1	10.0	15.0





#74

Fluoranthene

Concen: 52.020 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

Instrument :

BNA_M

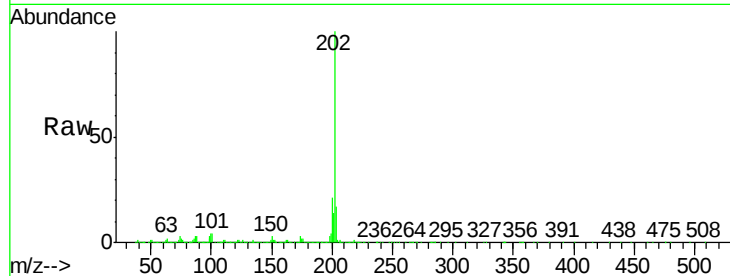
ClientSampleId :

F5C89

Tgt Ion:	202	Resp:	3165745
Ion Ratio	Lower	Upper	
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101	4.2	4.6	7.0#
100	3.6	3.4	5.2

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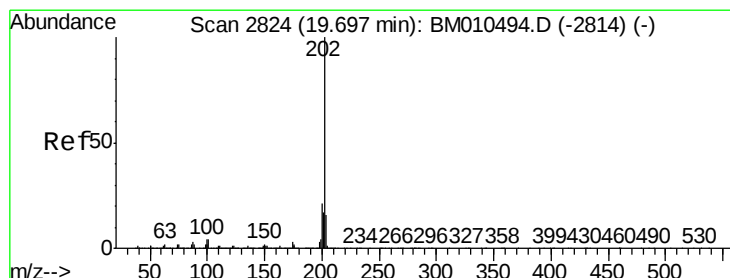
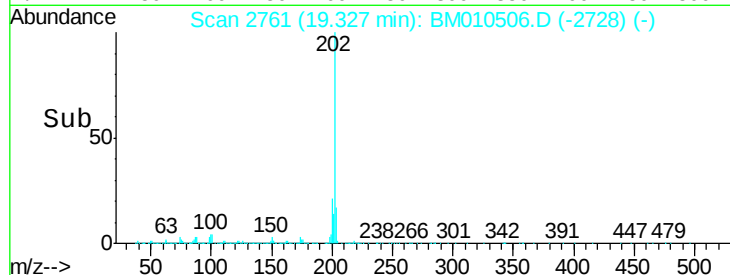
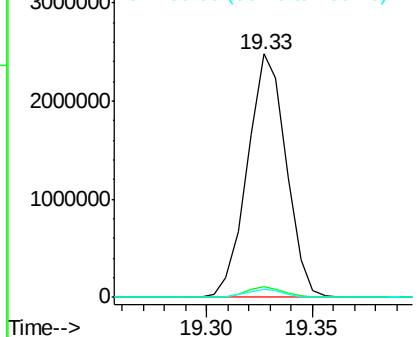
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 26.822 ng/ul

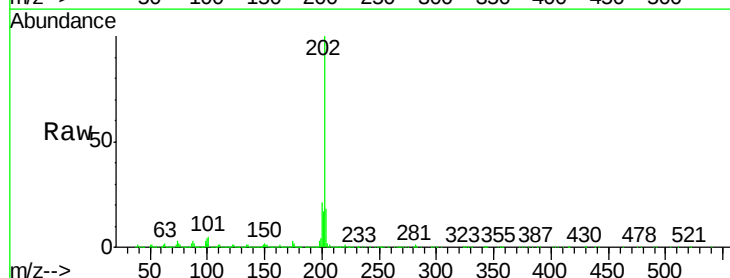
RT: 19.70 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BM010506.D

Acq: 11 Jun 2017 03:34

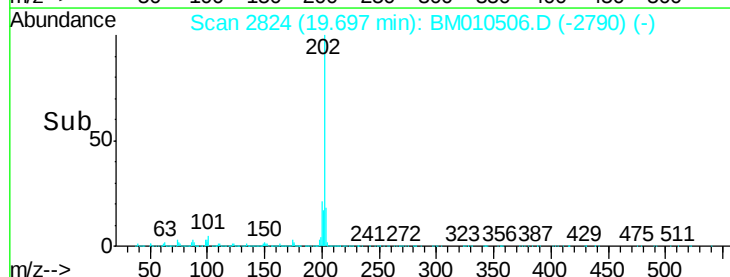
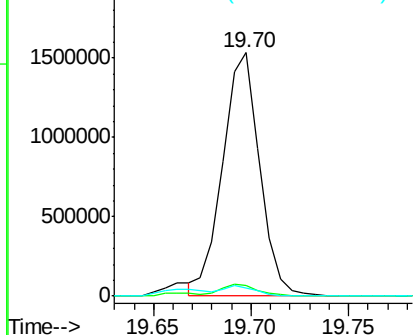
Tgt Ion:	202	Resp:	2002973
Ion Ratio	Lower	Upper	
202	100		
101	4.6	5.1	7.7#
100	3.5	4.9	7.3#

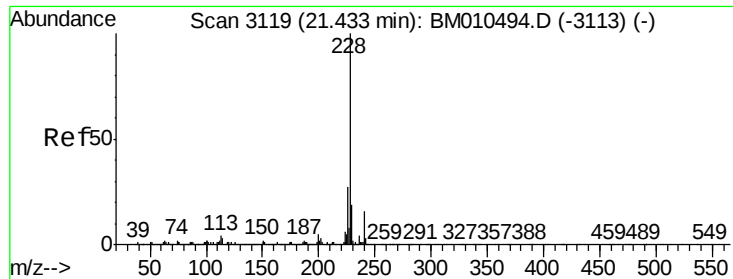


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





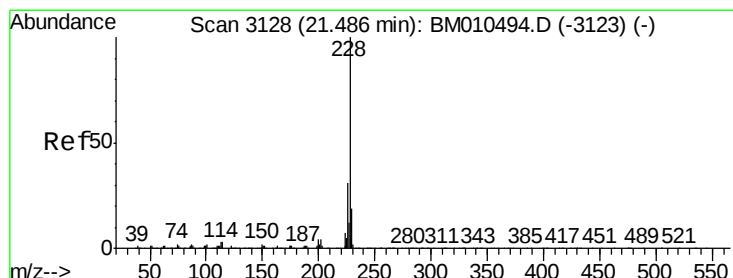
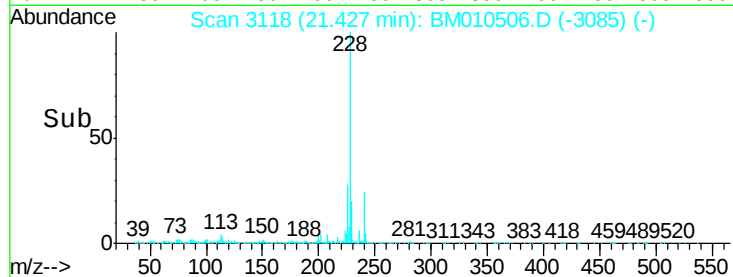
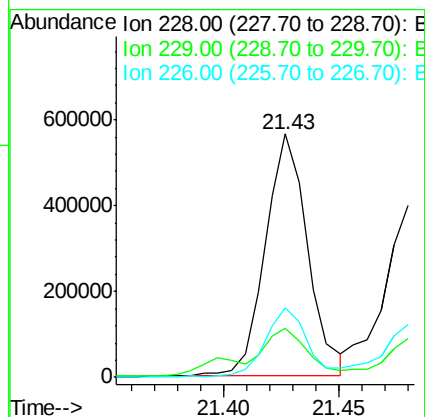
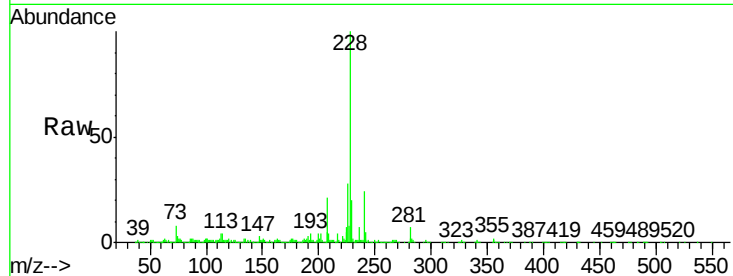
#80
Benzo(a)anthracene
Concen: 8.806 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM010506.D
Acq: 11 Jun 2017 03:34

Instrument :
BNA_M
ClientSampleId :
F5C89

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	28.4	21.4	32.0

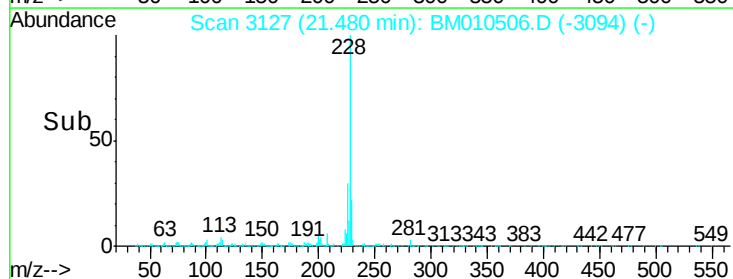
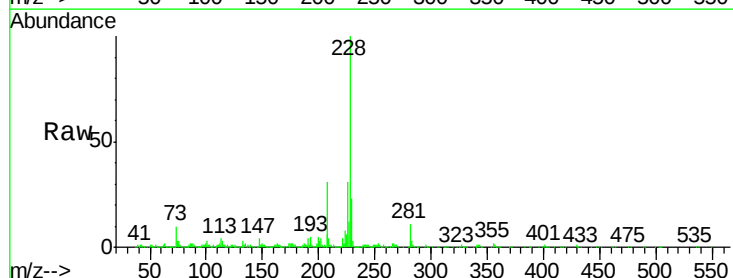
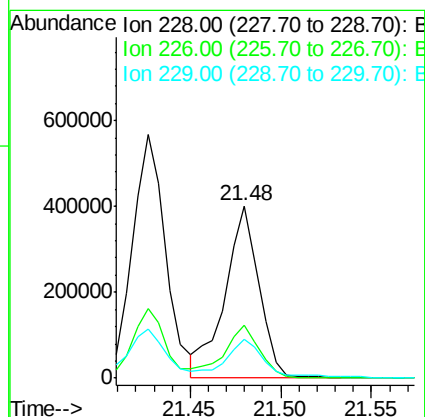
Manual Integrations
APPROVED

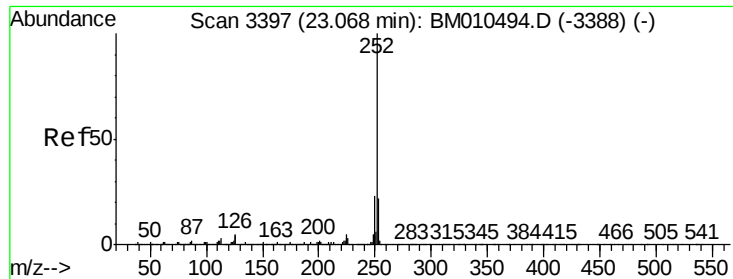
mohammad
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#82
Chrysene
Concen: 7.049 ng/ul
RT: 21.48 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM010506.D
Acq: 11 Jun 2017 03:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.7	15.5	23.3





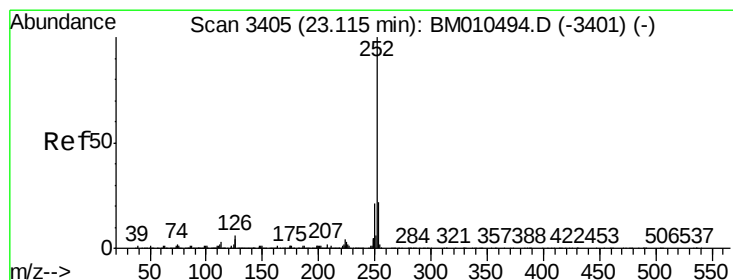
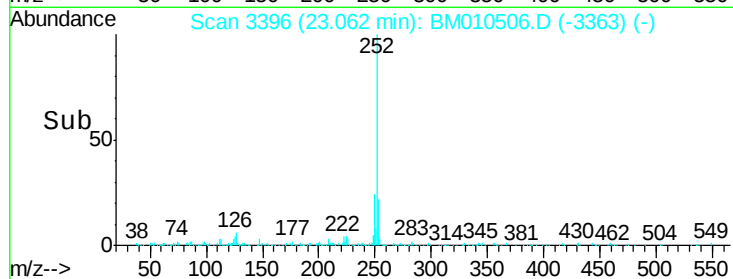
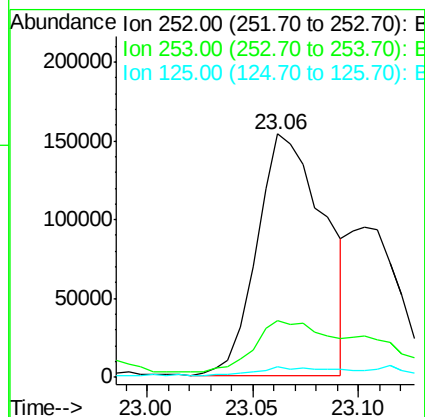
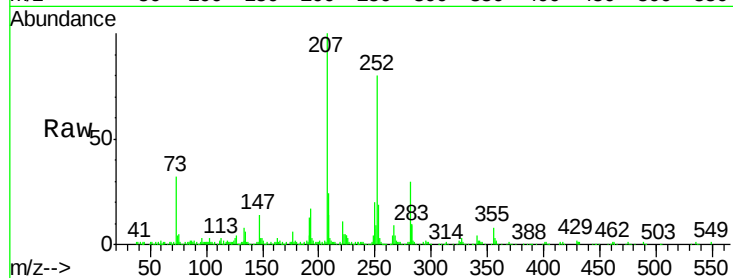
#85
Benzo(b)fluoranthene
Concen: 3.946 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM010506.D
Acq: 11 Jun 2017 03:34

Instrument :
BNA_M
ClientSampleId :
F5C89

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	338344		
253	23.5	17.9	26.9	
125	4.3	3.6	5.4	

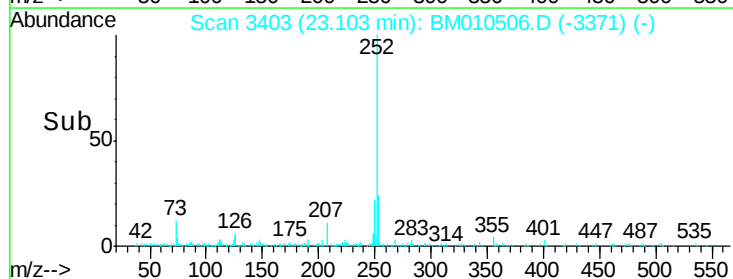
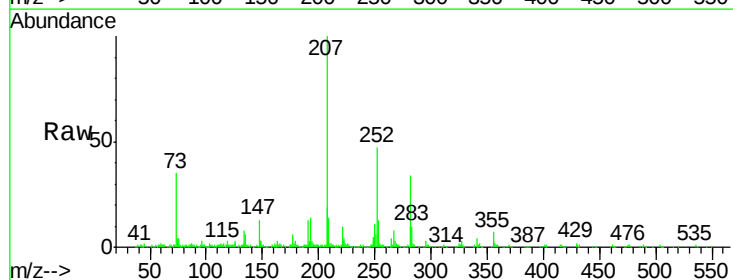
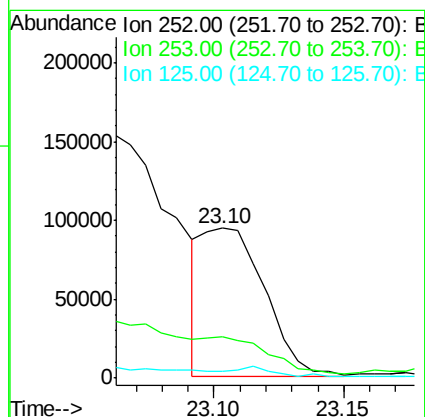
Manual Integrations
APPROVED

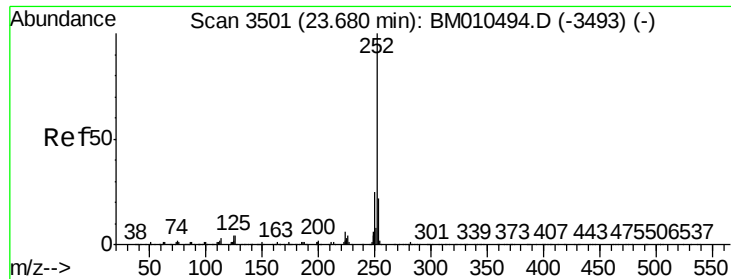
mohammad
6/12/2017 3:41:00 PM



#86
Benzo(k)fluoranthene
Concen: 1.887 ng/ul m
RT: 23.10 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM010506.D
Acq: 11 Jun 2017 03:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	154538		
253	27.4	17.1	25.7#	
125	4.8	3.4	5.2	





#88

Benzo(a)pyrene

Concen: 2.700 ng/ul

RT: 23.67 min Scan# 3500

Delta R.T. -0.01 min

Lab File: BM010506.D

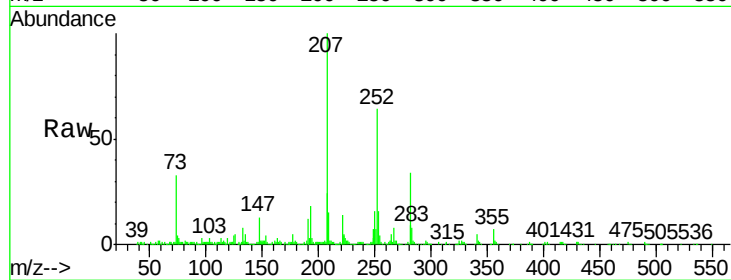
Acq: 11 Jun 2017 03:34

Instrument :

BNA_M

ClientSampleId :

F5C89



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	229460		
253	25.5	18.2	27.2	
125	5.6	4.0	6.0	

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:00 PM

