

Data File : BM010741.D
Acq On : 24 Jun 2017 21:52
Operator : SJ/JU
Sample : I3653-05MEDL 100X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B22MEDL

Manual Integrations
APPROVED

mohammad
6/28/2017 7:44:13 AM

Quant Time: Jun 26 08:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	59435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	275370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	189514	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	491968	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	584613	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	466911	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	673	0.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	395	0.12	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	655	0.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.17	113	394	0.08	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	127	0.06	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.85	165	539	0.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	1573	0.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	3542	0.21	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	3478	0.18	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.11	176	4242	0.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.96	188	6491m	0.27	ng/ul	0.00
76) Pyrene-d10	19.27	212	6755	0.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	4968	0.22	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	741773	54.13	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	157337	14.28	ng/ul	93
40) 1,1'-Biphenyl	12.93	154	38793	2.62	ng/ul	100
49) Acenaphthene	14.17	153	115561	9.29	ng/ul	100
53) Dibenzofuran	14.51	168	143958	7.65	ng/ul	94
58) Fluorene	15.16	166	143733	9.12	ng/ul	99
69) Phenanthrene	16.90	178	636916	24.35	ng/ul	99
71) Anthracene	16.99	178	101204	3.76	ng/ul	97
72) Carbazole	17.27	167	47312	2.01	ng/ul	97
74) Fluoranthene	18.93	202	423824	12.57	ng/ul	98
77) Pyrene	19.30	202	285541	8.46	ng/ul	98
80) Benzo(a)anthracene	21.06	228	93421	2.74	ng/ul	98
82) Chrysene	21.12	228	65399	2.15	ng/ul	97
85) Benzo(b)fluoranthene	22.58	252	42569	1.40	ng/ul#	95

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

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Manual Integrations
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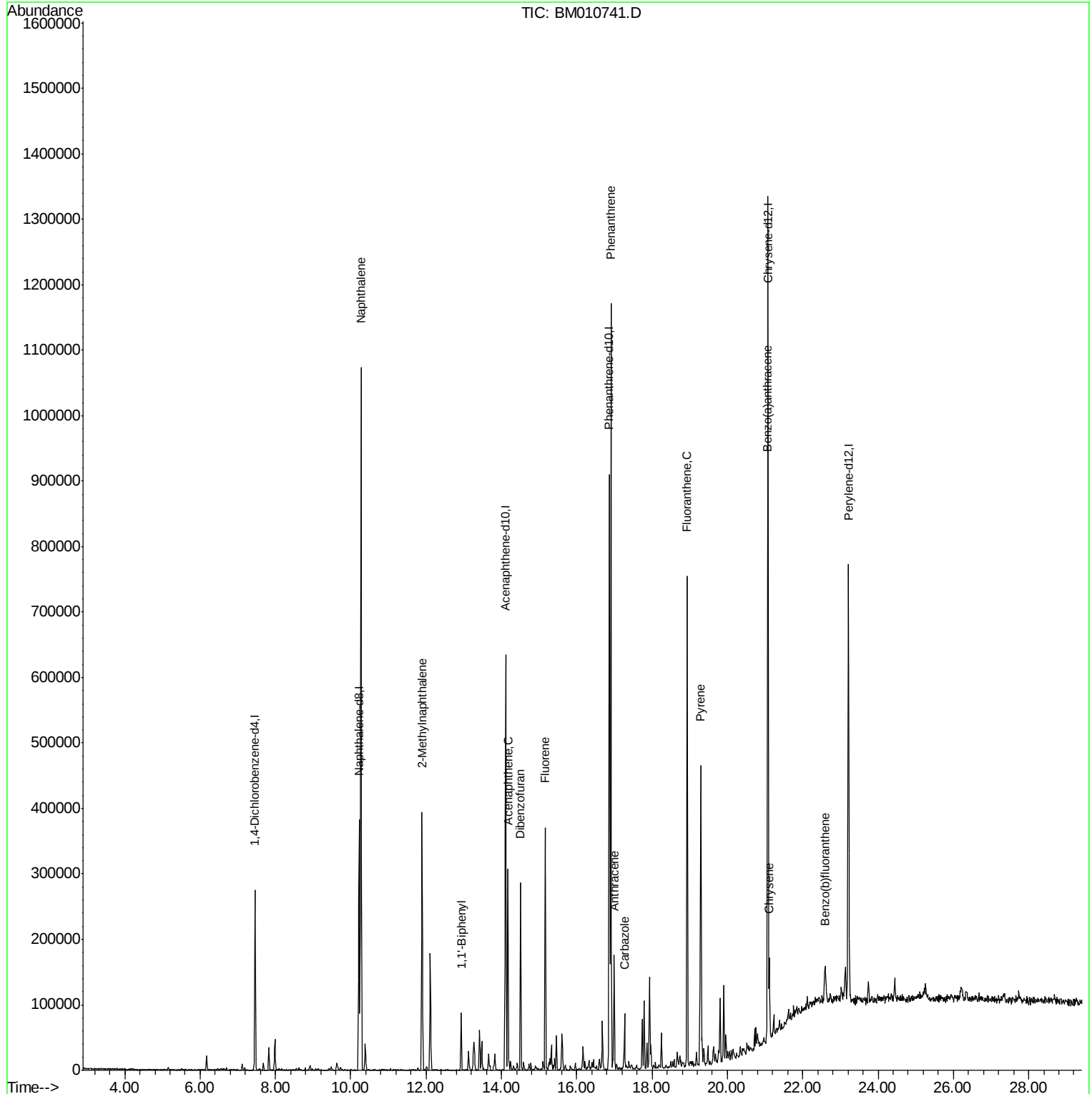
Quant Time: Jun 26 08:32:58 2017

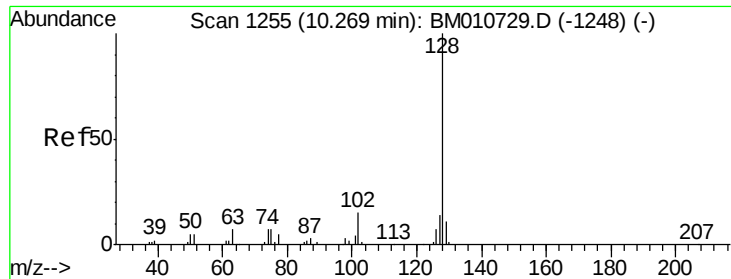
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

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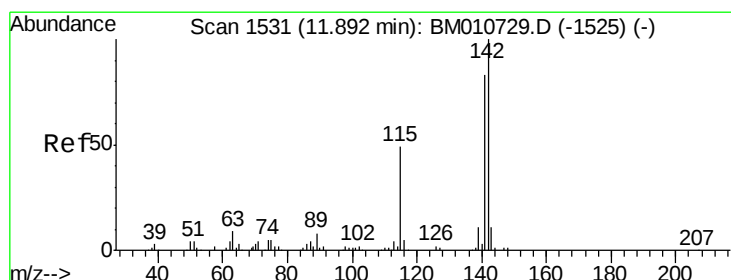
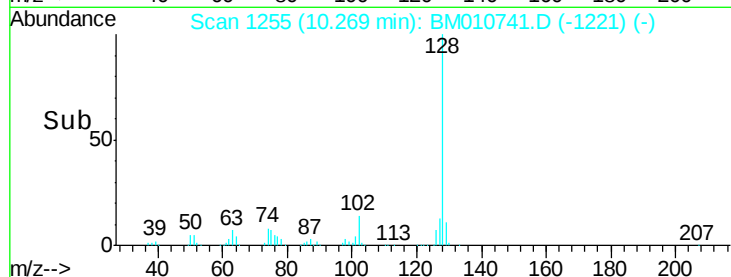
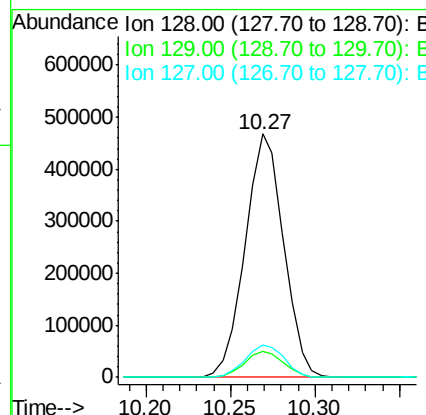
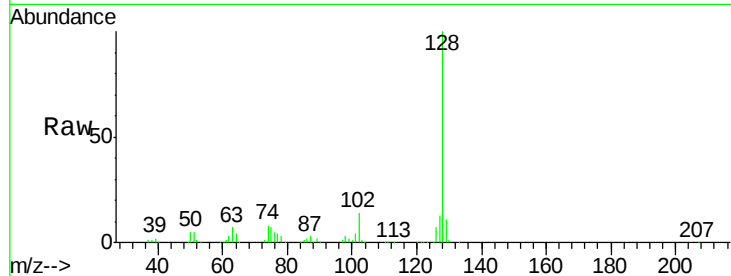
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Naphthalene
Concen: 54.13 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

Instrument :
BNA_M
ClientSampleId :
F5B22MEDL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	10.6	16.0

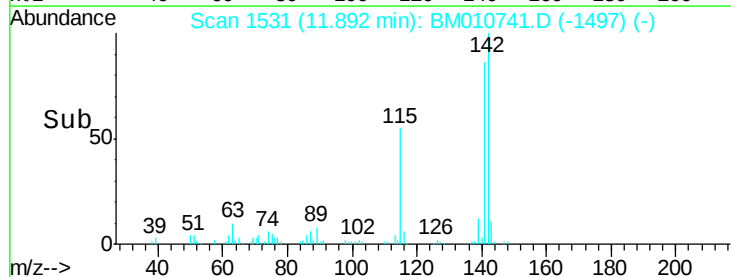
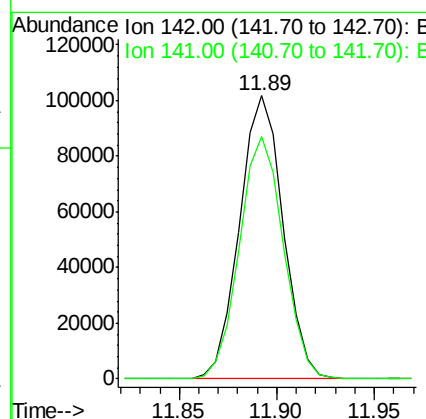
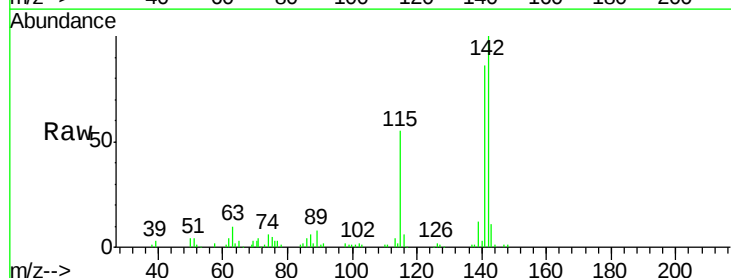
Manual Integrations
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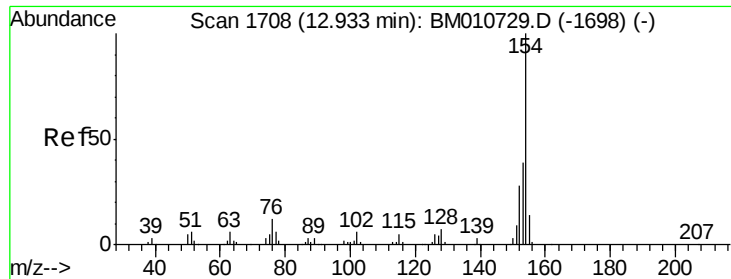
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#34
2-Methylnaphthalene
Concen: 14.28 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010741.D
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.8	74.1	111.1





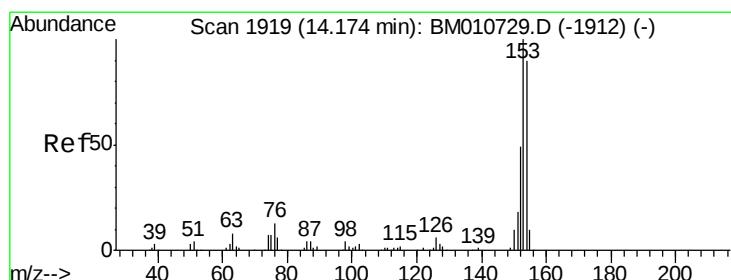
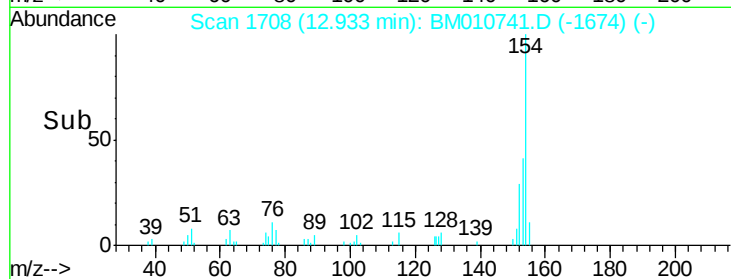
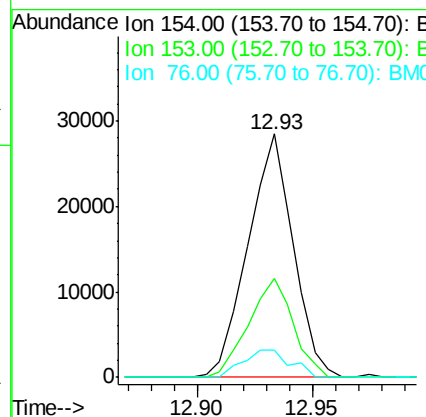
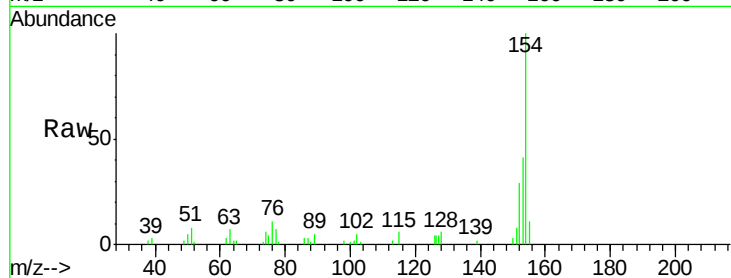
#40
1,1'-Biphenyl
Concen: 2.62 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010741.D
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Instrument :
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F5B22MEDL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	48.8
76	11.1	8.5	12.7

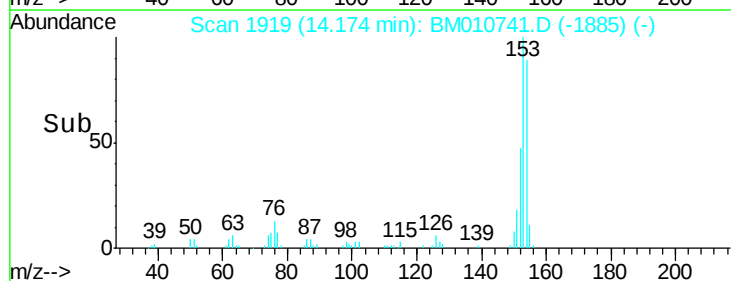
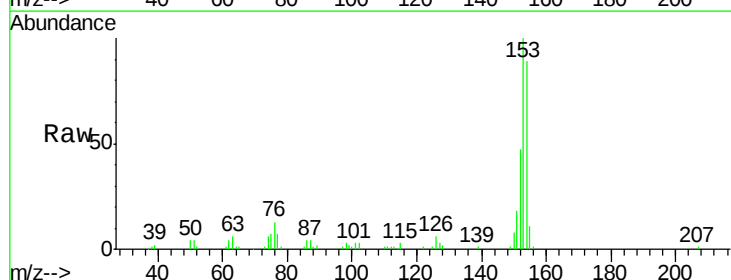
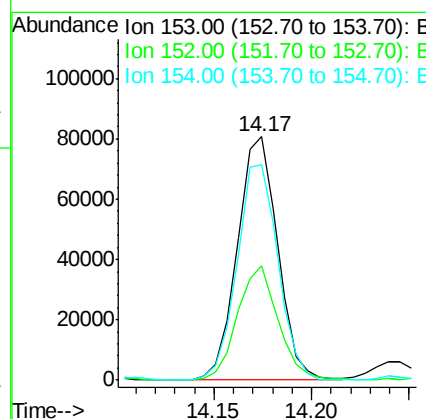
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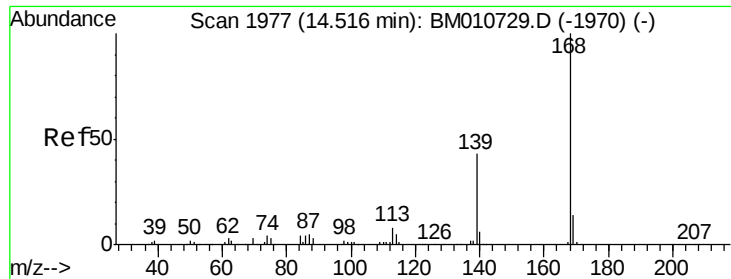
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#49
Acenaphthene
Concen: 9.29 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.6	56.4
154	88.5	70.4	105.6





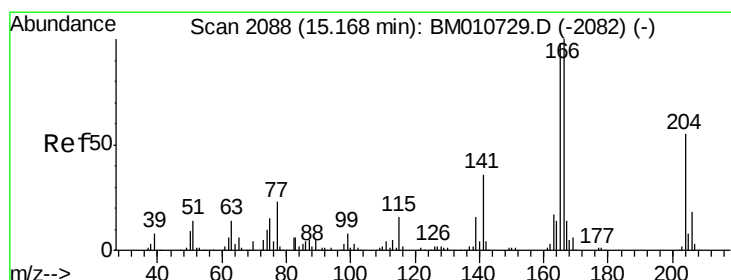
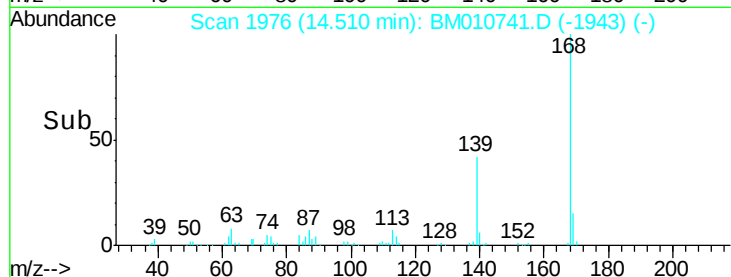
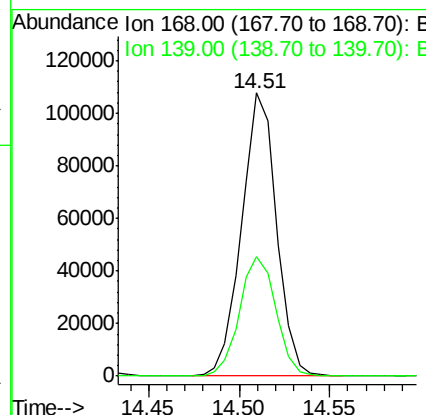
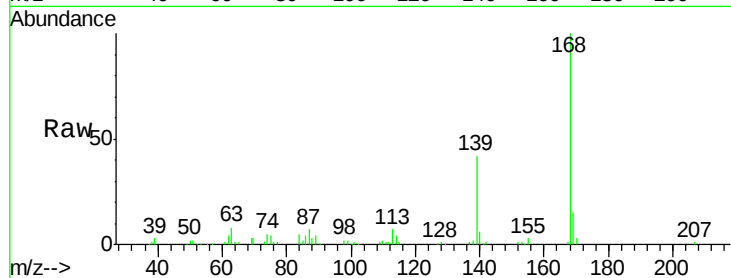
#53
Dibenzofuran
Concen: 7.65 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:168 Resp: 143958
Ion Ratio Lower Upper
168 100
139 42.1 30.8 46.2

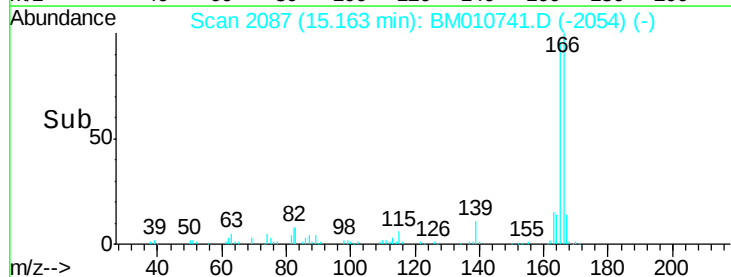
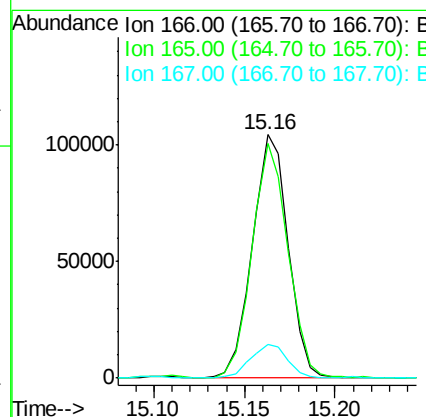
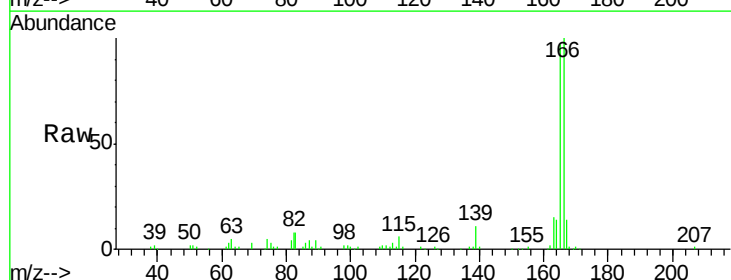
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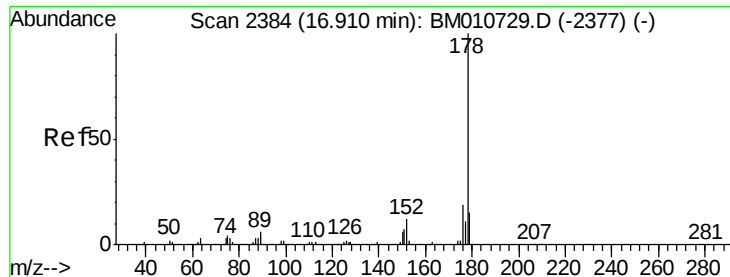
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#58
Fluorene
Concen: 9.12 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

Tgt Ion:166 Resp: 143733
Ion Ratio Lower Upper
166 100
165 96.5 77.9 116.9
167 13.9 10.6 16.0





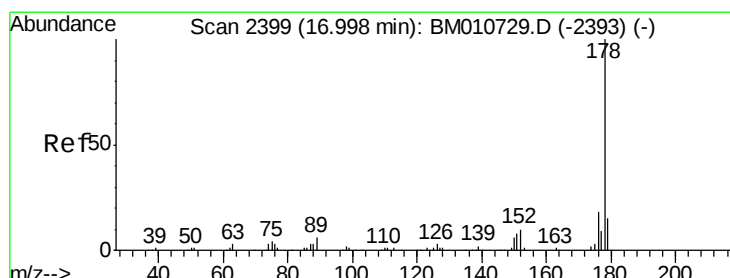
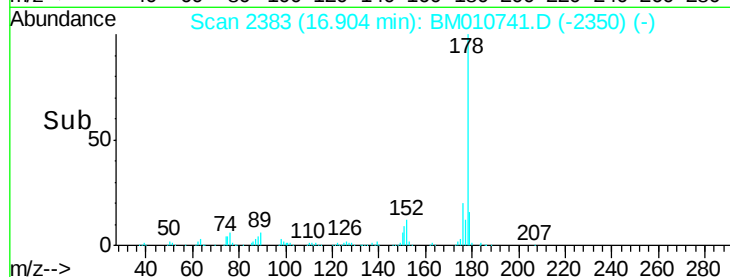
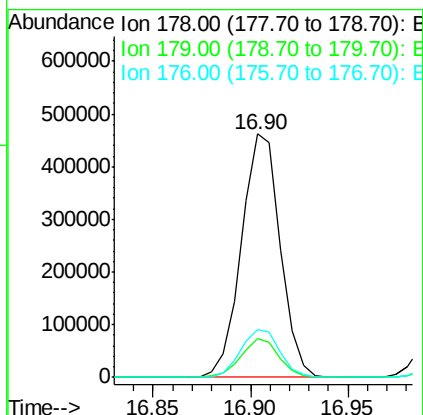
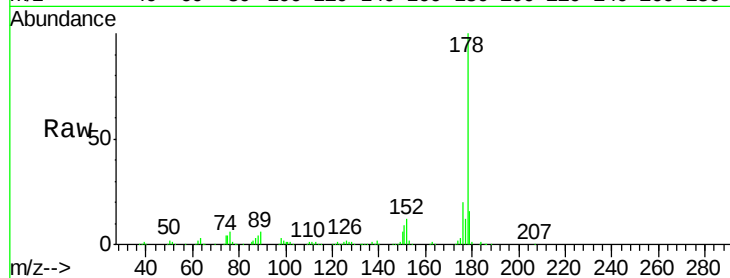
#69
Phenanthrene
Concen: 24.35 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

Instrument :
BNA_M
ClientSampleId :
F5B22MEDL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.7	14.9	22.3

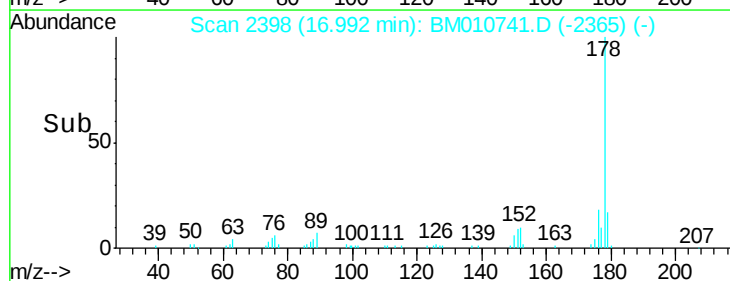
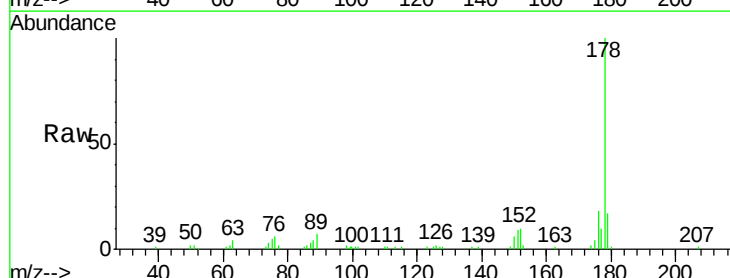
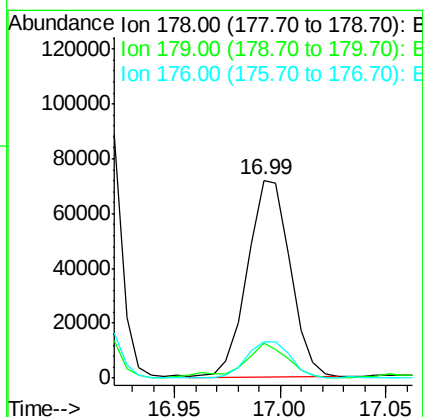
Manual Integrations
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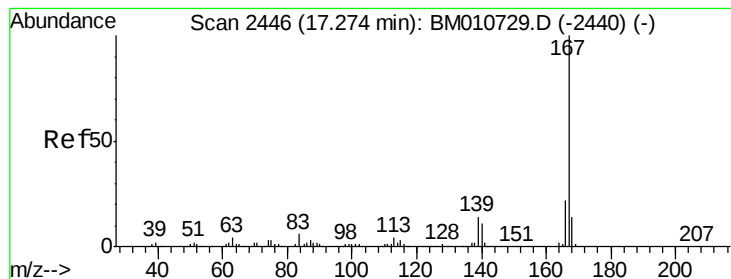
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#71
Anthracene
Concen: 3.76 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	11.7	17.5
176	18.1	14.6	21.8





#72

Carbazole

Concen: 2.01 ng/ul

RT: 17.27 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BM010741.D

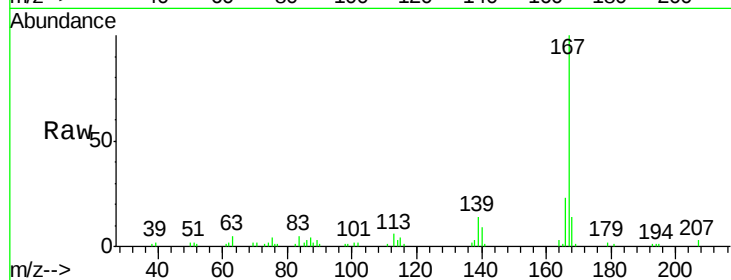
Acq: 24 Jun 2017 21:52

Instrument :

BNA_M

ClientSampleId :

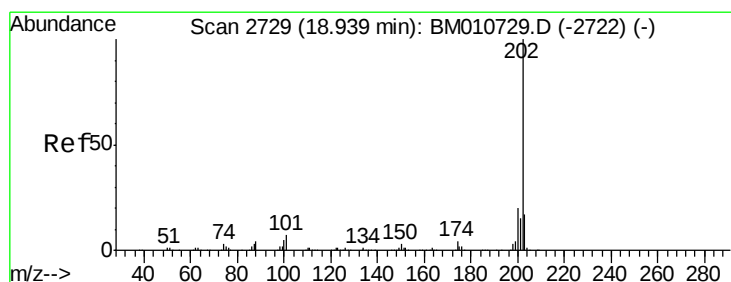
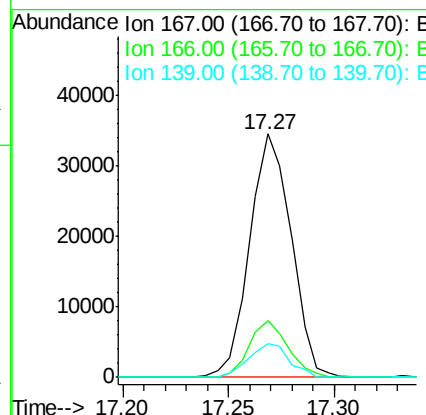
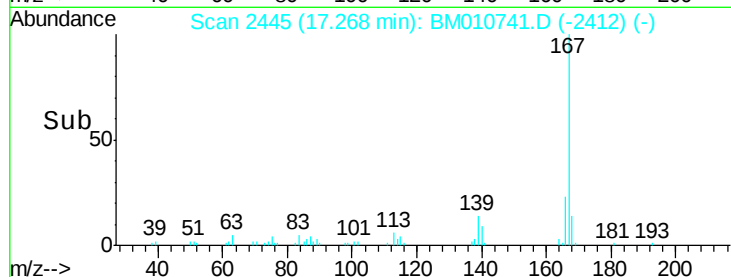
F5B22MEDL



Tgt Ion:	167	Resp:	47312
Ion Ratio	Lower	Upper	
167	100		
166	23.1	17.1	25.7
139	13.7	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 12.57 ng/ul

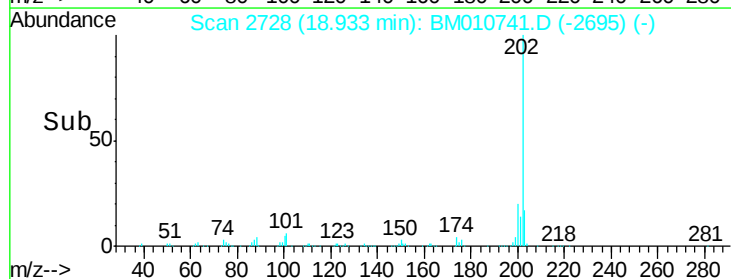
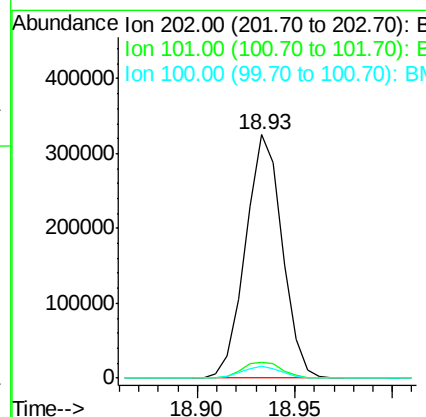
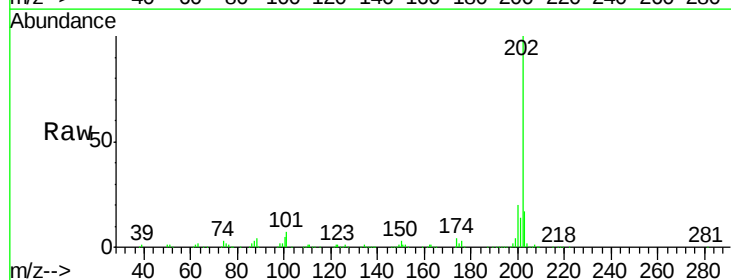
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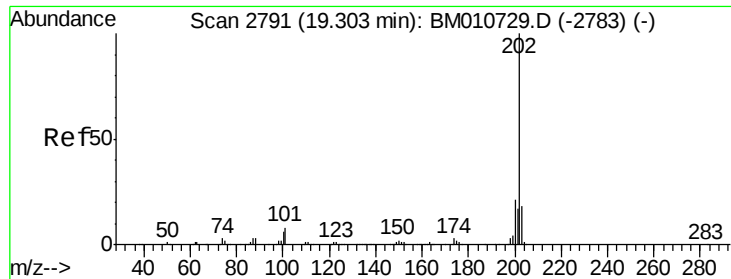
Delta R.T. -0.01 min

Lab File: BM010741.D

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Tgt Ion:	202	Resp:	423824
Ion Ratio	Lower	Upper	
202	100		
101	6.7	4.6	7.0
100	4.9	3.4	5.2





#77

Pyrene

Concen: 8.46 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Instrument :

BNA_M

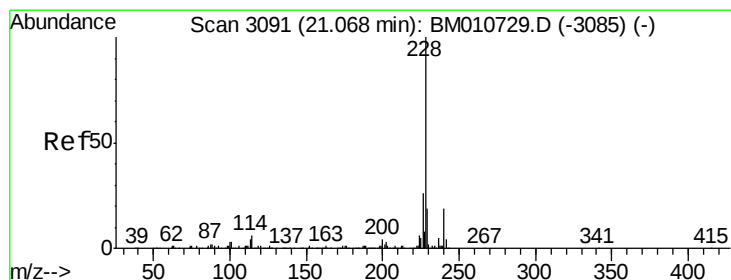
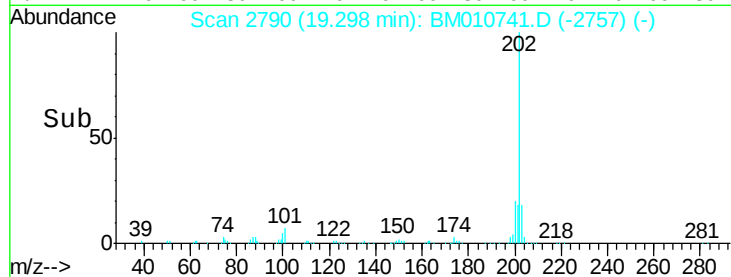
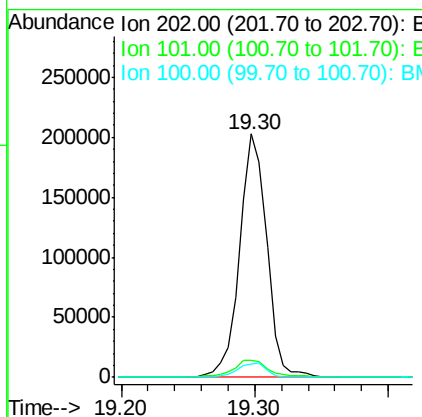
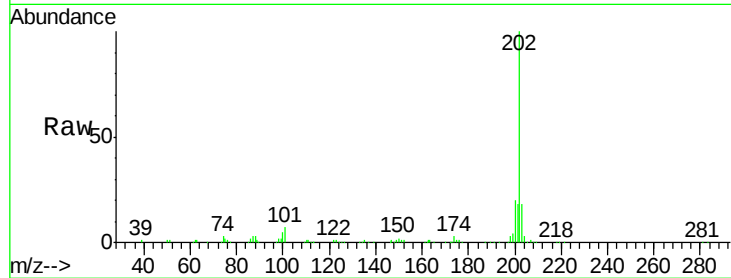
ClientSampleId :

F5B22MEDL

Tgt Ion:	202	Resp:	285541
Ion Ratio	Lower	Upper	
202	100		
101	7.1	5.1	7.7
100	5.4	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 2.74 ng/ul

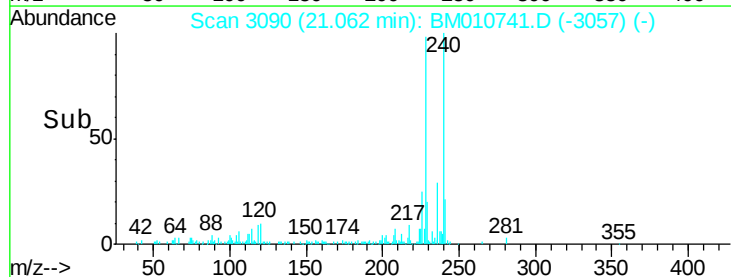
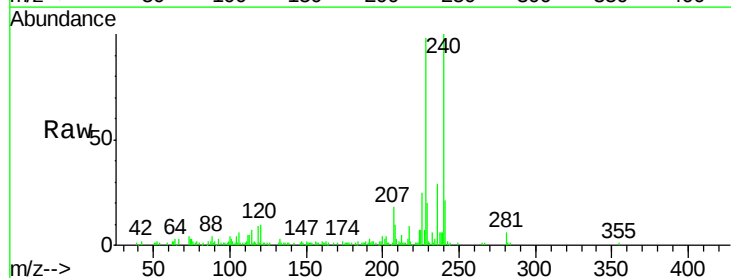
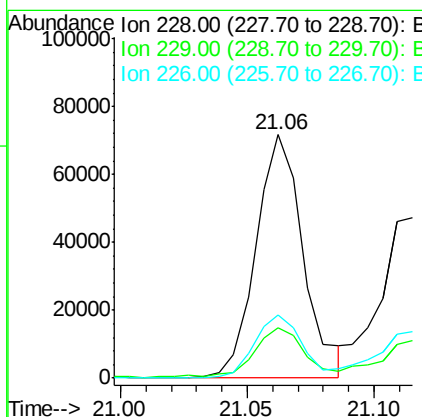
RT: 21.06 min Scan# 3090

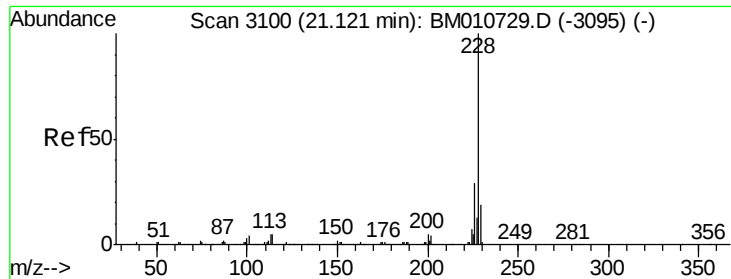
Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Tgt Ion:	228	Resp:	93421
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.4	23.0
226	26.1	21.4	32.0





#82

Chrysene

Concen: 2.15 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Instrument :

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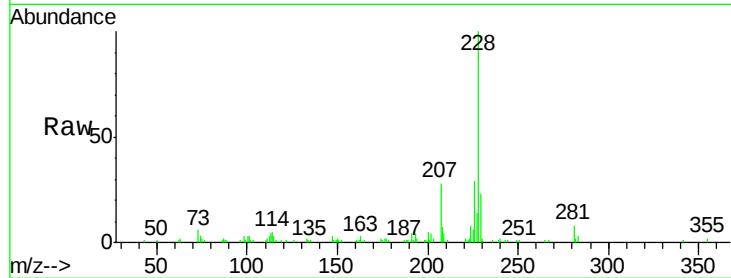
ClientSampleId :

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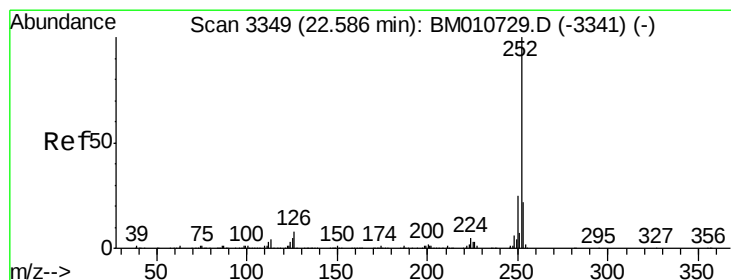
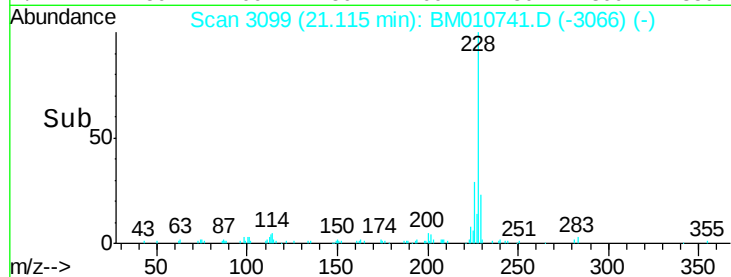
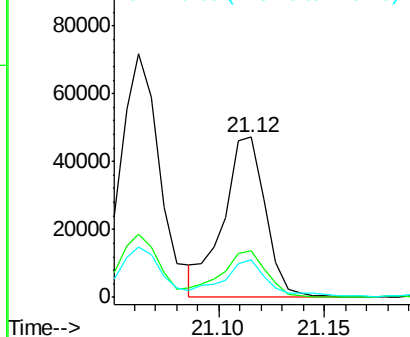
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Ion Ratio		Lower	Upper
228	100		
226	29.4	23.4	35.2
229	23.2	15.5	23.3

Manual Integrations
APPROVED

mohammad
6/28/2017 7:44:13 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.40 ng/ul

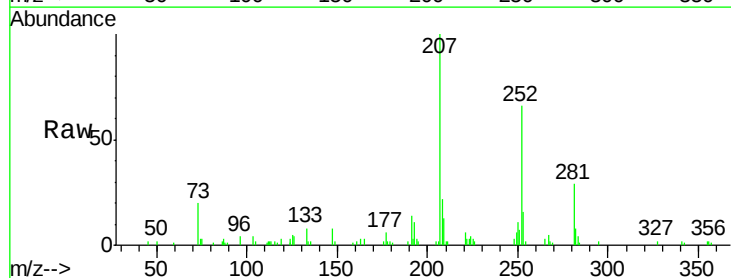
RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Tgt Ion:	252	Resp:	42569
Ion Ratio		Lower	Upper
252	100		
253	24.7	17.9	26.9
125	7.1	3.6	5.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

