

Data File : BM010739.D
Acq On : 24 Jun 2017 20:39
Operator : SJ/JU
Sample : I3653-08DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C51DL

Manual Integrations
APPROVED

mohammad
6/28/2017 7:44:02 AM

Quant Time: Jun 26 08:16:52 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	59607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	265913	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	185483	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	471638	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	534761	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	416004	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	6.65	99	2176	0.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1507	0.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	1788	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	1852	0.39	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	876	0.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	931	0.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2107	0.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	1671	0.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	8782	0.54	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	10185	0.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	520	0.18	ng/ul	-0.02
57) Fluorene-d10	15.11	176	9641	0.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	660	0.23	ng/ul	0.00
70) Anthracene-d10	16.96	188	13470m	0.59	ng/ul	0.00
76) Pyrene-d10	19.27	212	16347	0.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	11034	0.55	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	682221	51.55	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	151510	14.24	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	51097	3.52	ng/ul	95
49) Acenaphthene	14.17	153	164573	13.52	ng/ul	100
53) Dibenzofuran	14.51	168	178305	9.68	ng/ul	93
58) Fluorene	15.16	166	187531	12.15	ng/ul	99
69) Phenanthrene	16.91	178	910297	36.30	ng/ul	99
71) Anthracene	16.99	178	166949	6.46	ng/ul	99
72) Carbazole	17.27	167	69539	3.09	ng/ul#	95
74) Fluoranthene	18.93	202	648967	20.08	ng/ul#	97
77) Pyrene	19.30	202	458774	14.85	ng/ul	97
80) Benzo(a)anthracene	21.06	228	153403	4.93	ng/ul	95
82) Chrysene	21.12	228	138667	4.99	ng/ul	98
85) Benzo(b)fluoranthene	22.58	252	101992	3.78	ng/ul#	97
86) Benzo(k)fluoranthene	22.62	252	35346	1.38	ng/ul#	93
88) Benzo(a)pyrene	23.12	252	62245	2.50	ng/ul#	94

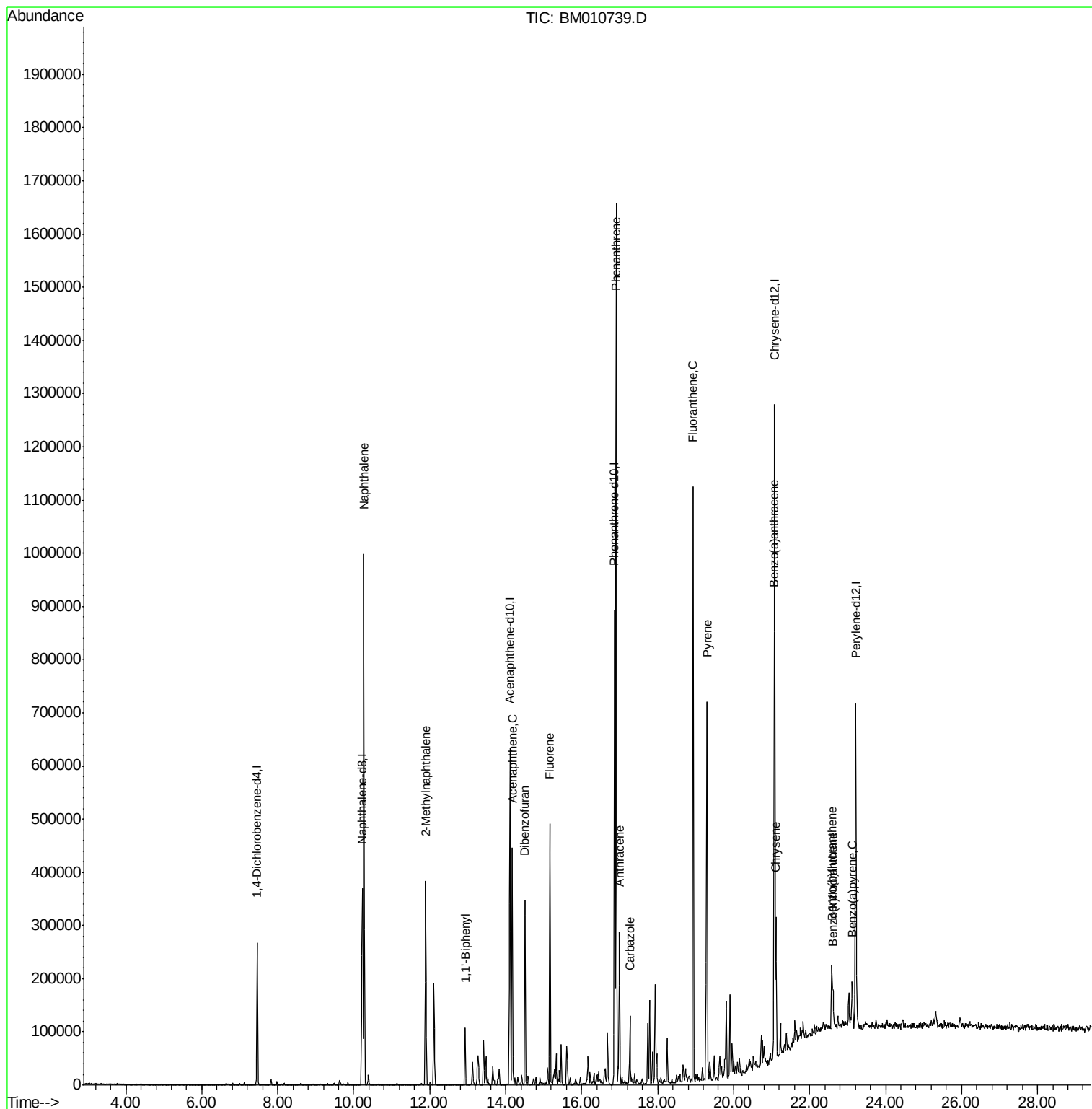
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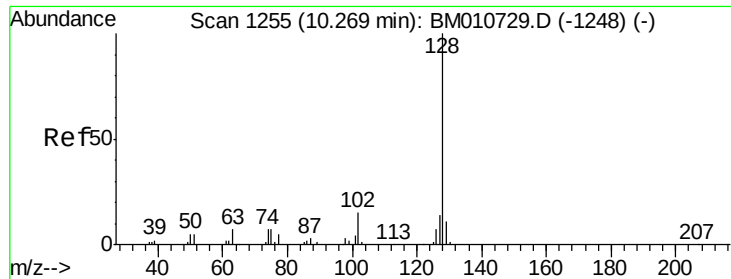
ALS Vial : 54 Sample Multiplier: 1

F5C51DL

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Response via : Initial Calibration





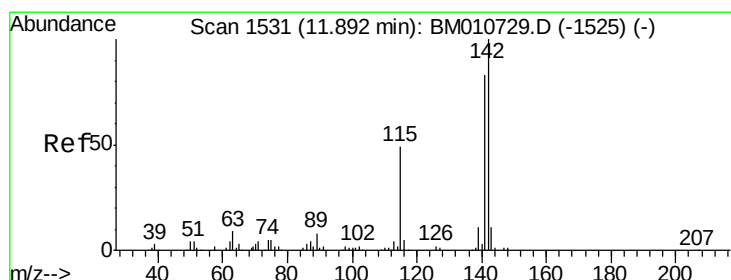
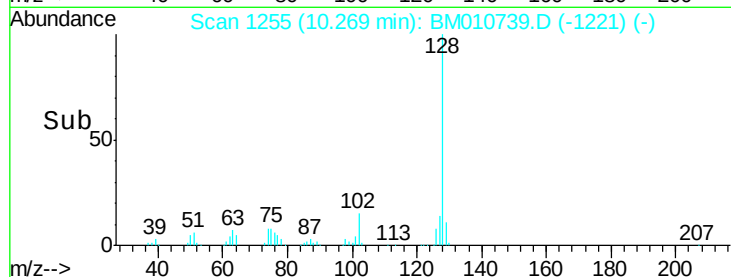
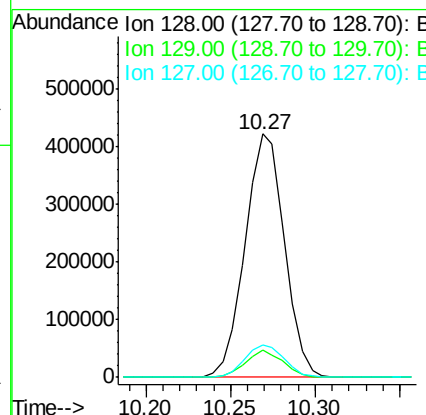
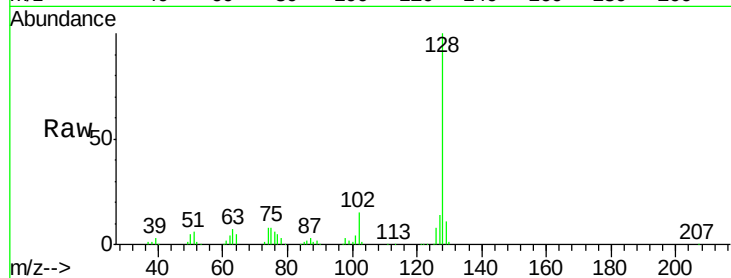
#28
Naphthalene
Concen: 51.55 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Instrument :
BNA_M
ClientSampleId :
F5C51DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.6	16.0

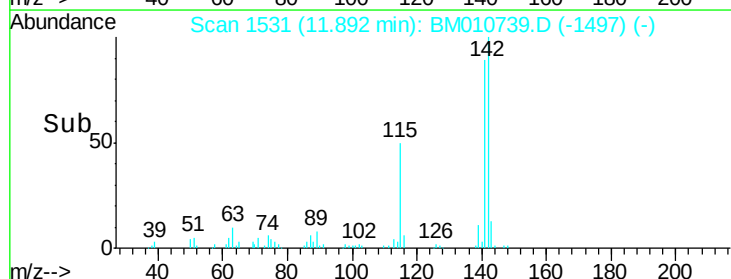
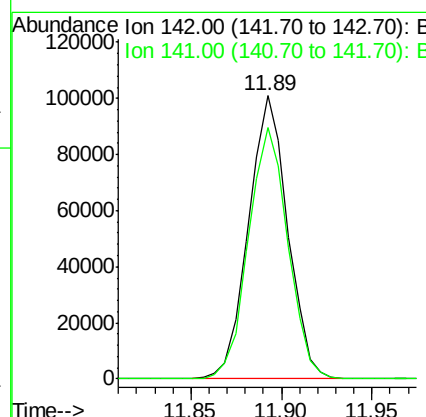
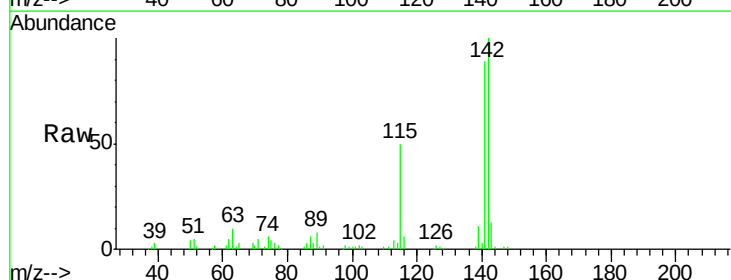
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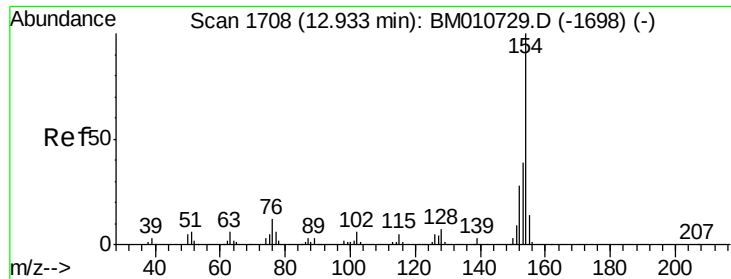
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#34
2-Methylnaphthalene
Concen: 14.24 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.1	111.1





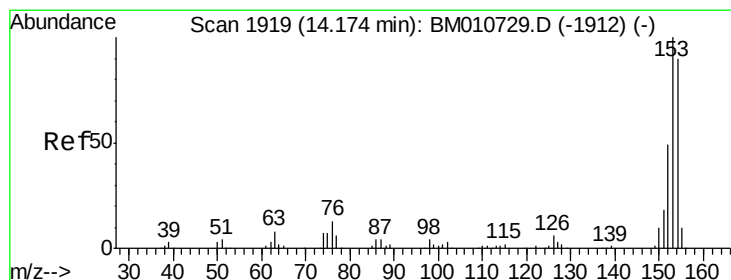
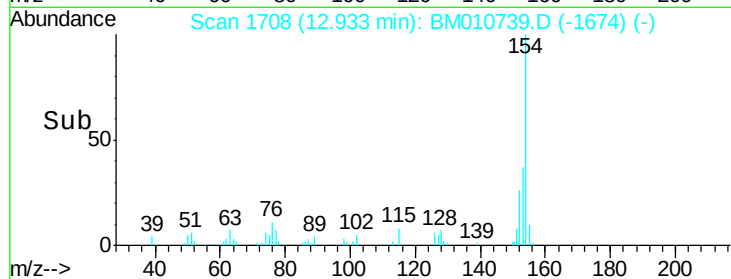
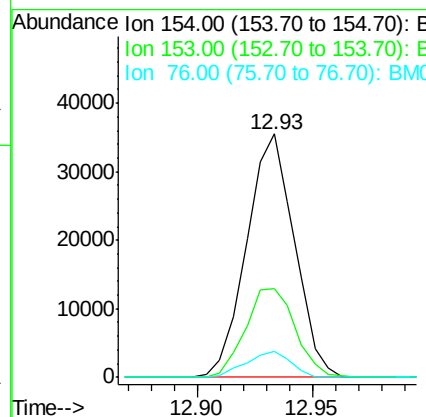
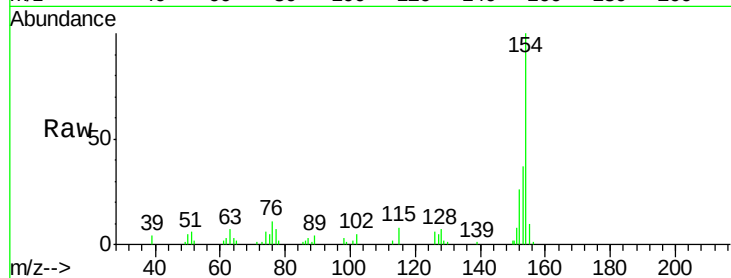
#40
1,1'-Biphenyl
Concen: 3.52 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Instrument :
BNA_M
ClientSampleId :
F5C51DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.6	32.6	48.8
76	10.6	8.5	12.7

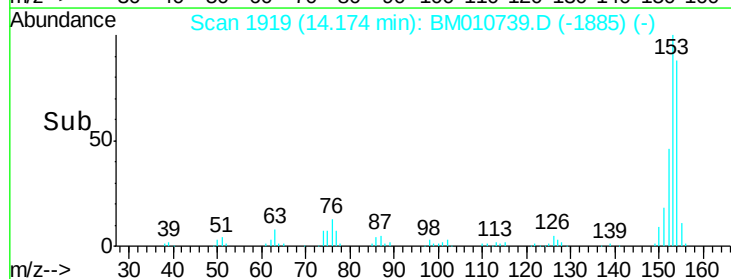
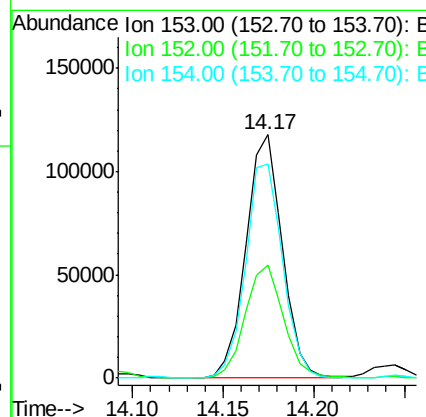
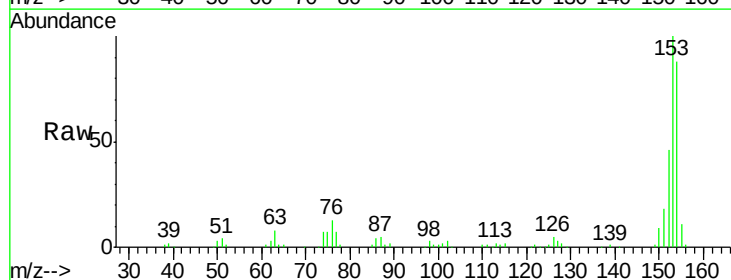
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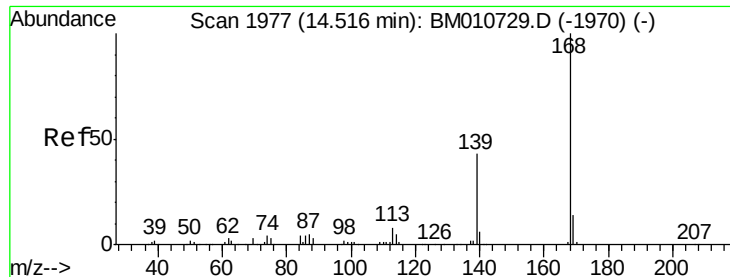
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#49
Acenaphthene
Concen: 13.52 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.6	56.4
154	88.2	70.4	105.6





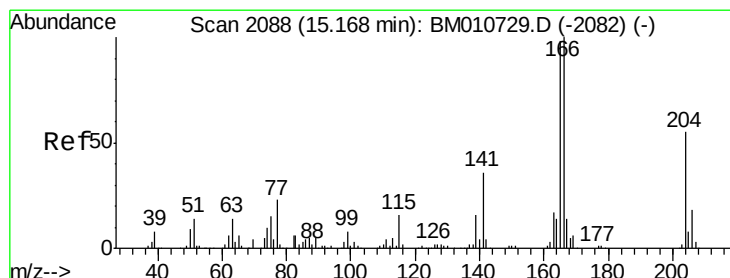
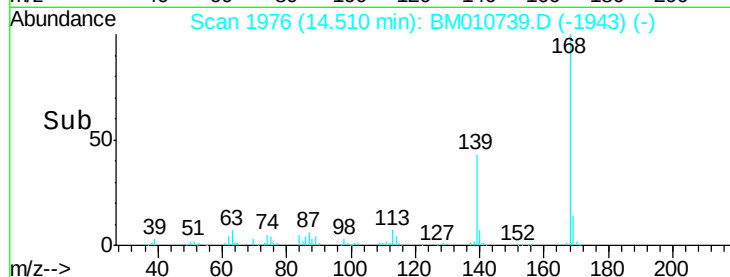
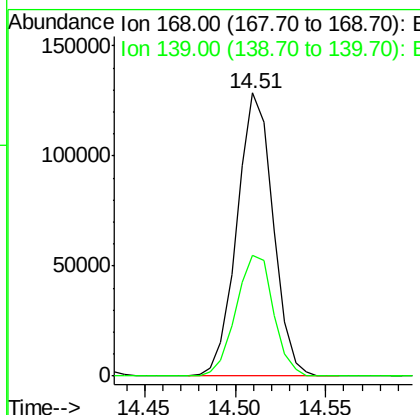
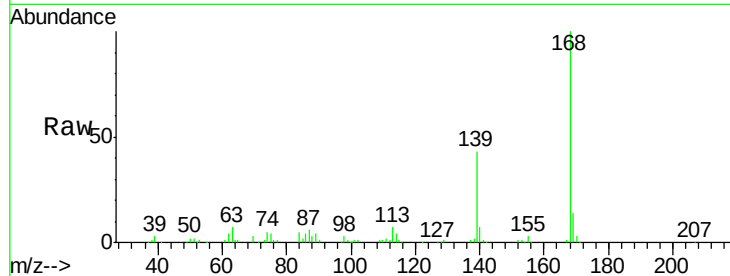
#53
Dibenzofuran
Concen: 9.68 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Instrument :
BNA_M
ClientSampled :
F5C51DL

Tgt Ion:168 Resp: 178305
Ion Ratio Lower Upper
168 100
139 42.8 30.8 46.2

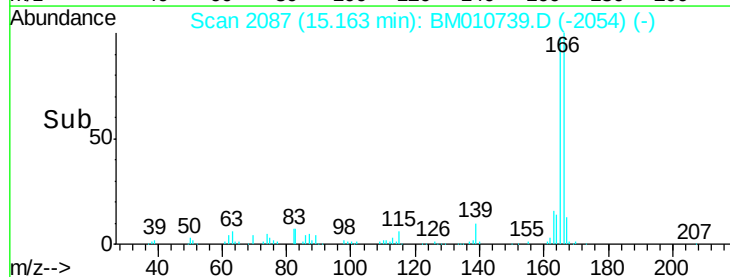
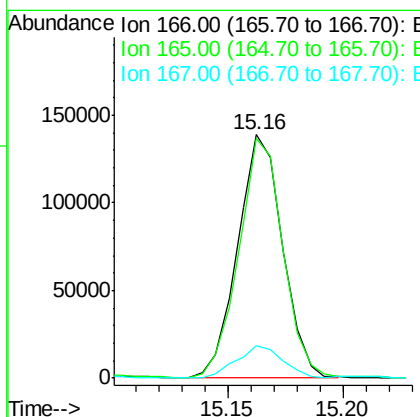
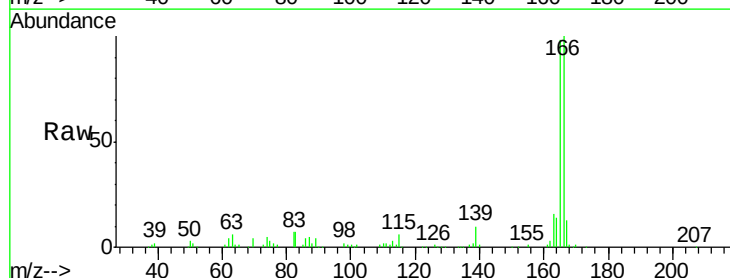
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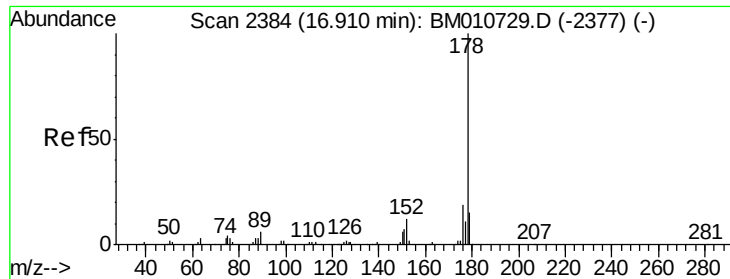
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#58
Fluorene
Concen: 12.15 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Tgt Ion:166 Resp: 187531
Ion Ratio Lower Upper
166 100
165 98.5 77.9 116.9
167 13.1 10.6 16.0





#69

Phenanthrene

Concen: 36.30 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Instrument :

BNA_M

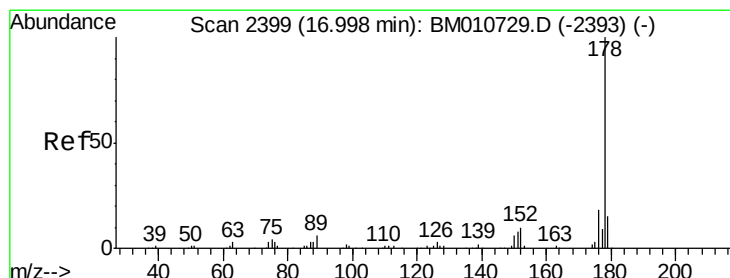
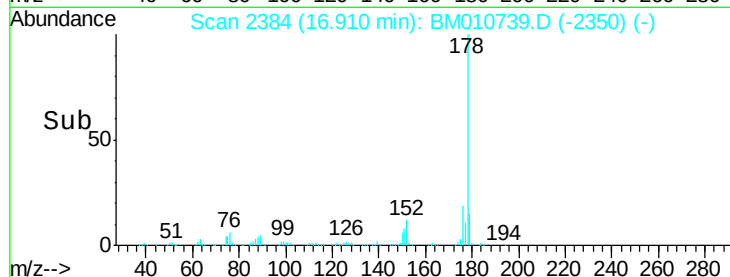
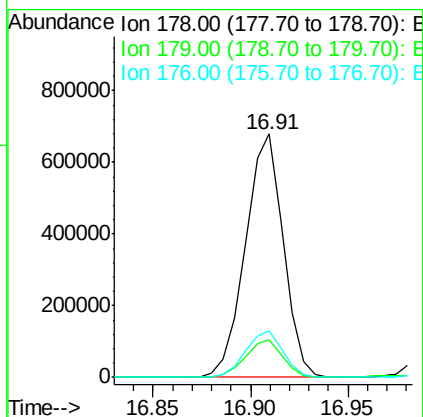
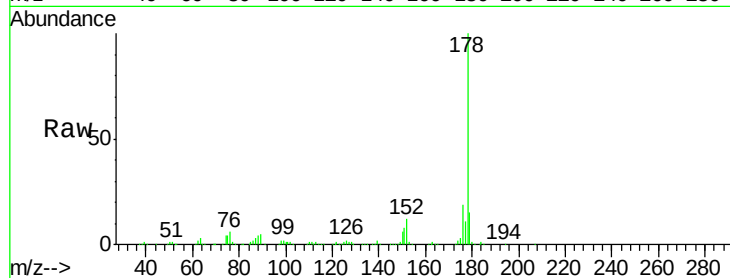
ClientSampleId :

F5C51DL

Tgt Ion:	178	Resp:	910297
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	19.0	14.9	22.3

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#71

Anthracene

Concen: 6.46 ng/ul

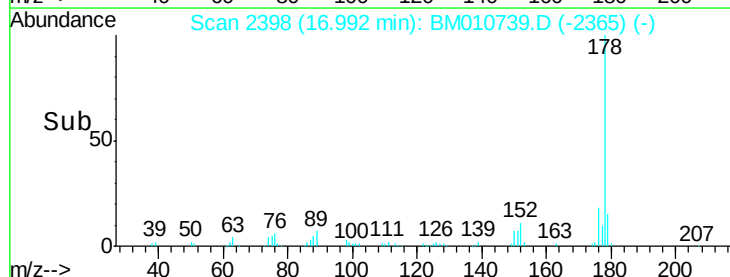
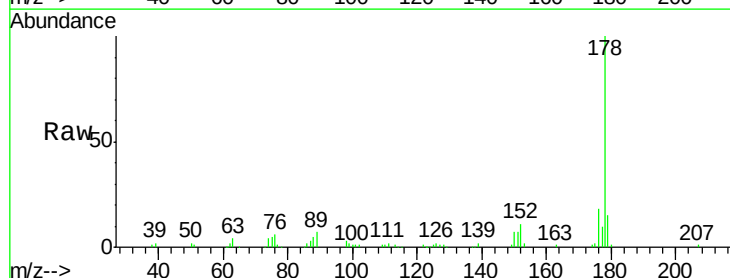
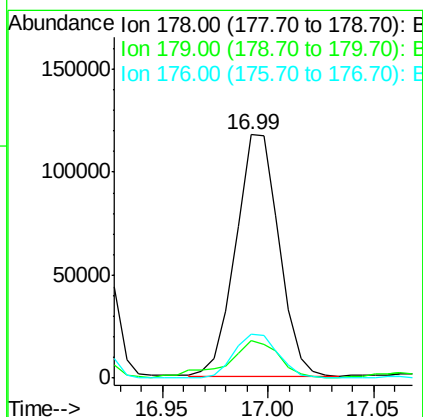
RT: 16.99 min Scan# 2398

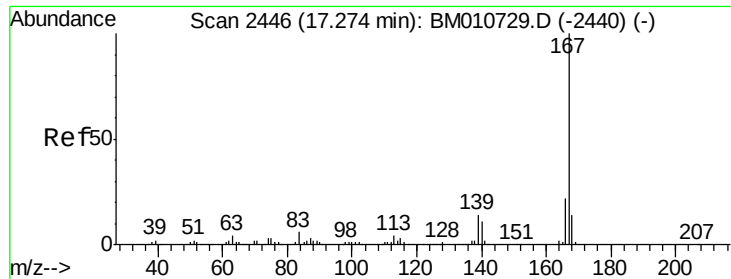
Delta R.T. -0.01 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Tgt Ion:	178	Resp:	166949
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.7	17.5
176	18.2	14.6	21.8





#72

Carbazole

Concen: 3.09 ng/ul

RT: 17.27 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Instrument :

BNA_M

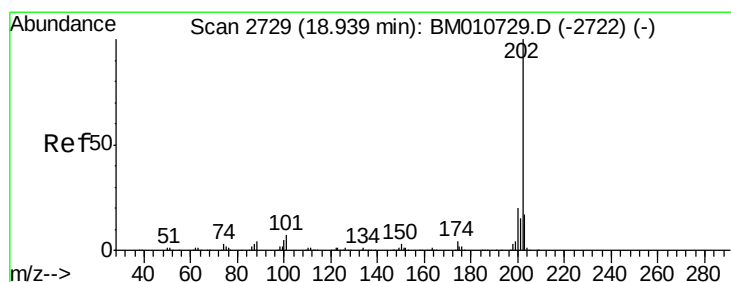
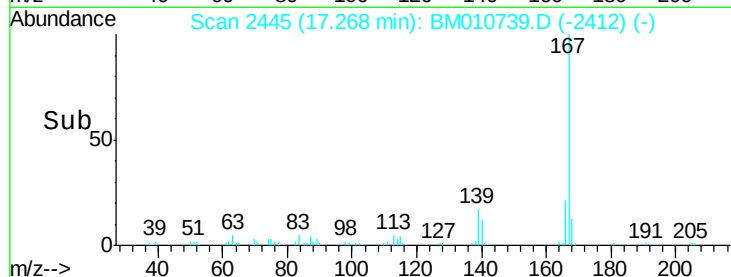
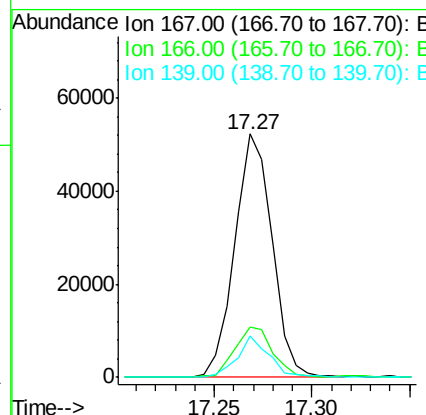
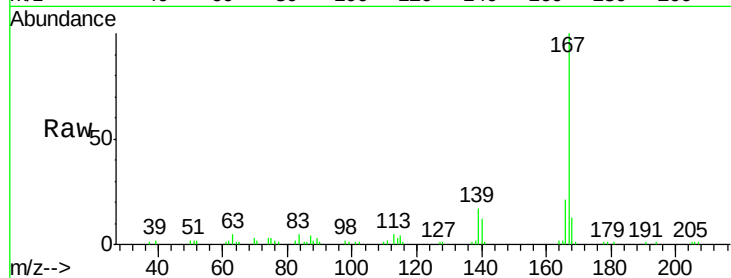
ClientSampleId :

F5C51DL

Tgt Ion:	167	Resp:	69539
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.1	25.7
139	16.8	10.0	15.0#

Manual Integrations
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#74

Fluoranthene

Concen: 20.08 ng/ul

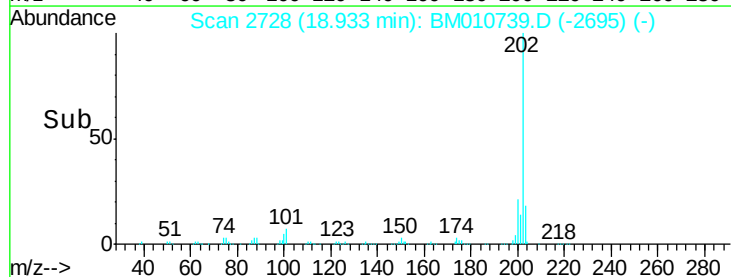
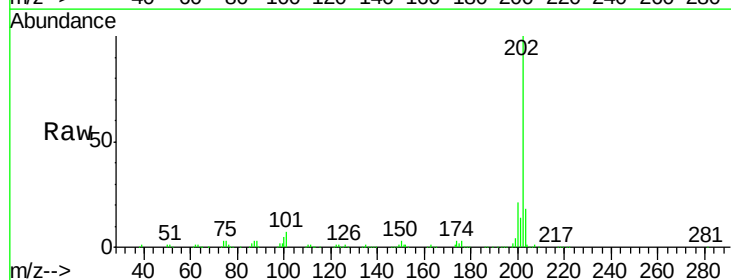
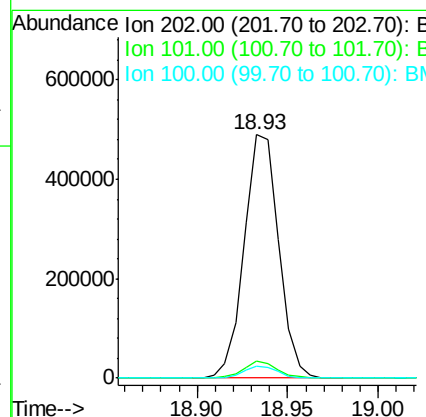
RT: 18.93 min Scan# 2728

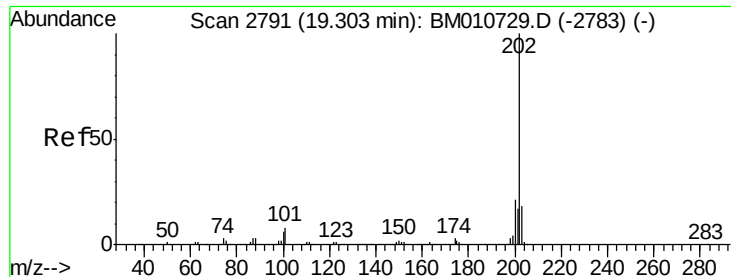
Delta R.T. -0.01 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Tgt Ion:	202	Resp:	648967
Ion Ratio	Lower	Upper	
202	100		
101	7.1	4.6	7.0#
100	4.9	3.4	5.2





#77

Pyrene

Concen: 14.85 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Instrument :

BNA_M

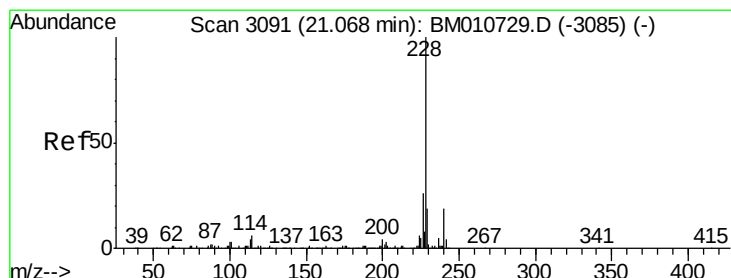
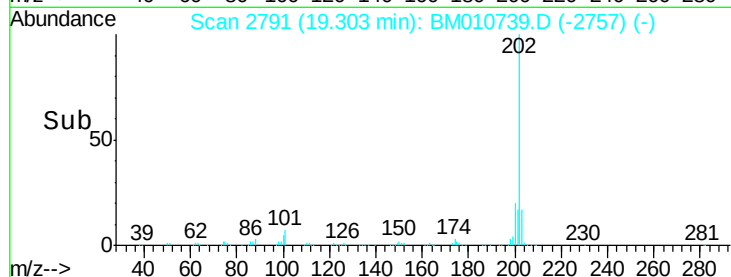
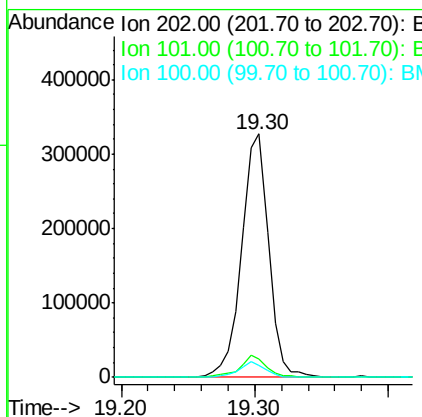
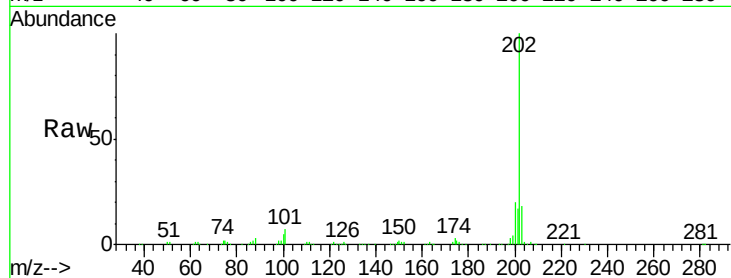
ClientSampleId :

F5C51DL

Tgt Ion:	202	Resp:	458774
Ion Ratio	Lower	Upper	
202	100		
101	7.4	5.1	7.7
100	5.2	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 4.93 ng/ul

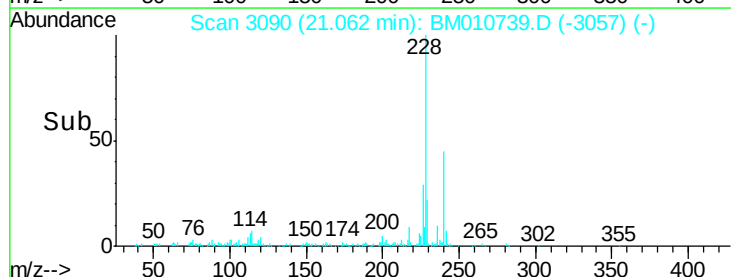
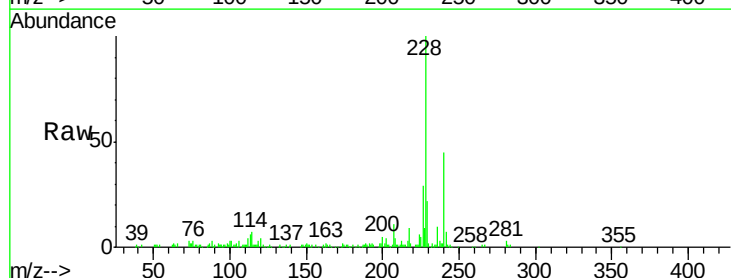
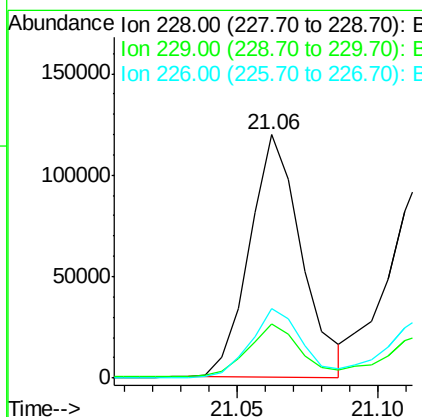
RT: 21.06 min Scan# 3090

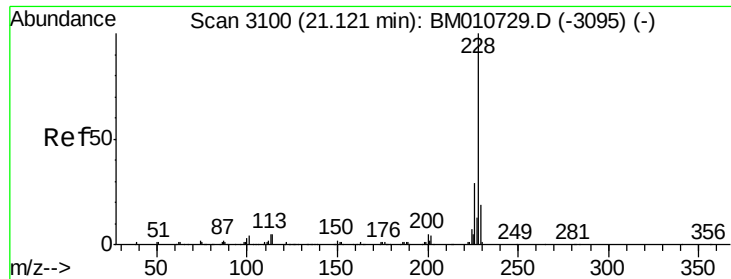
Delta R.T. -0.01 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Tgt Ion:	228	Resp:	153403
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.4	23.0
226	28.7	21.4	32.0





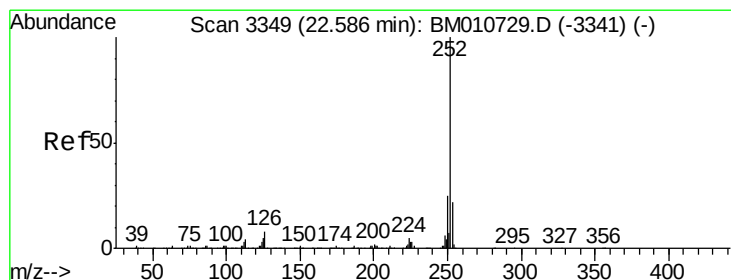
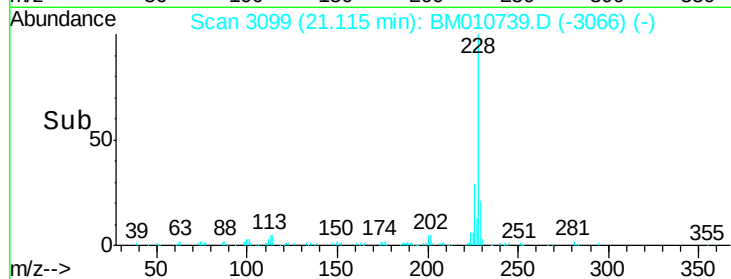
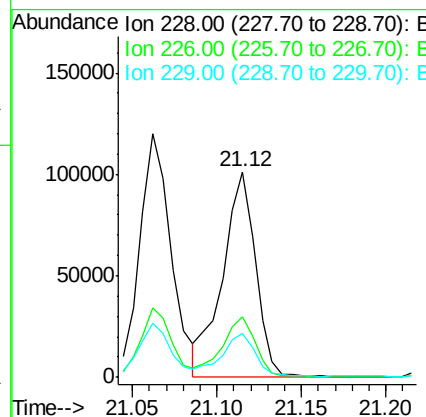
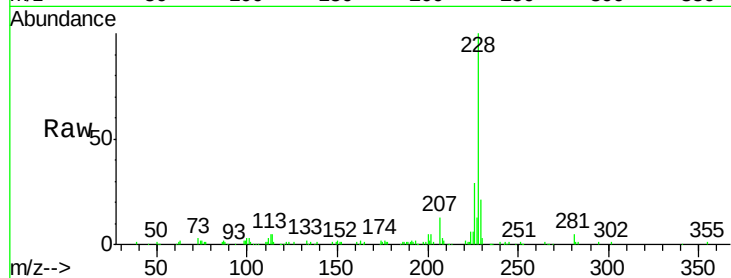
#82
Chrysene
Concen: 4.99 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Instrument :
BNA_M
ClientSampleId :
F5C51DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	138667		
226	29.2		23.4	35.2
229	21.2		15.5	23.3

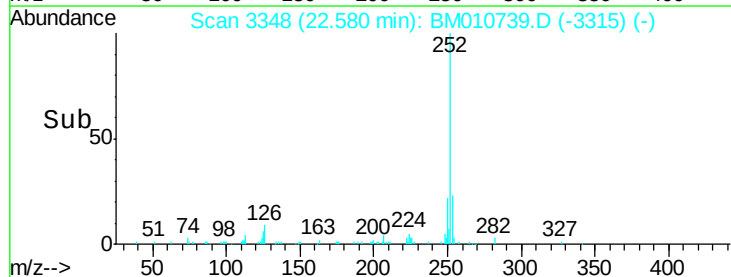
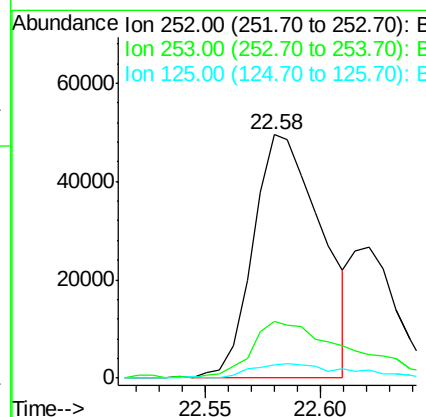
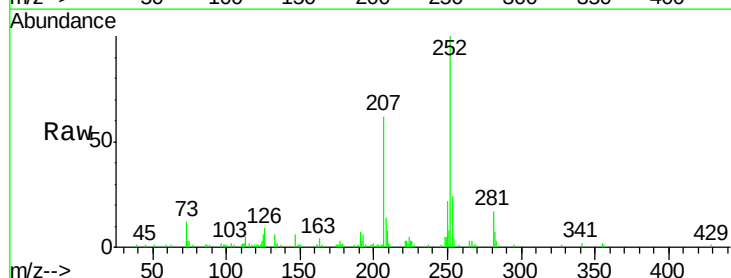
Manual Integrations
APPROVED

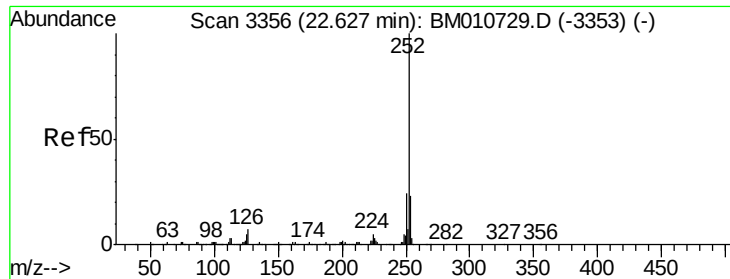
mohammad
6/28/2017 7:44:02 AM



#85
Benzo(b)fluoranthene
Concen: 3.78 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM010739.D
Acq: 24 Jun 2017 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	101992		
253	23.6		17.9	26.9
125	5.6		3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 1.38 ng/ul

RT: 22.62 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Instrument :

BNA_M

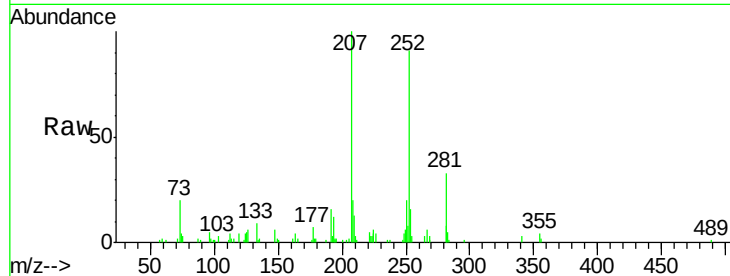
ClientSampleId :

F5C51DL

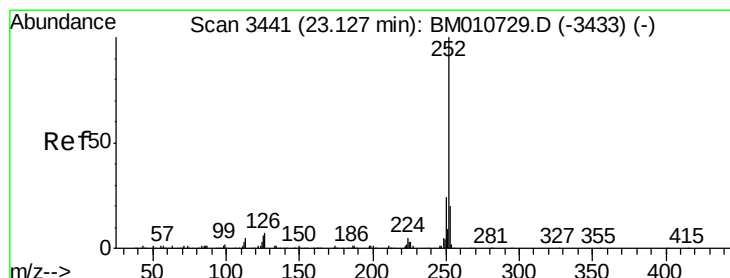
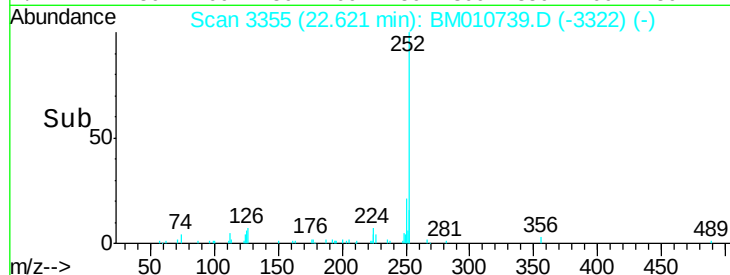
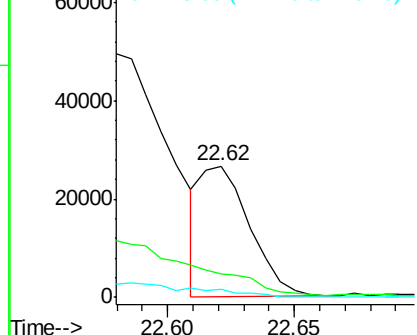
Tgt Ion:	252	Resp:	35346
Ion Ratio	Lower	Upper	
252	100		
253	18.1	17.1	25.7
125	6.0	3.4	5.2#

Manual Integrations
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mohammad
6/28/2017 7:44:02 AM



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



#88

Benzo(a)pyrene

Concen: 2.50 ng/ul

RT: 23.12 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM010739.D

Acq: 24 Jun 2017 20:39

Tgt Ion:	252	Resp:	62245
Ion Ratio	Lower	Upper	
252	100		
253	19.8	18.2	27.2
125	6.4	4.0	6.0#

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

