

Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Manual Integrations
APPROVED

mohammad
6/28/2017 7:50:06 AM

Quant Time: Jun 26 04:31:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	73471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	329293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	229485	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	593654	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	713384	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	532446	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	503	0.39	ng/uL	0.00
5) Phenol-d5	6.65	99	25422	3.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	14526	3.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	18958	3.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	22028	3.80	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	9978	4.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	12461	4.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	24045	4.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	30594	5.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	86743	4.31	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	96557	4.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	11932	3.37	ng/ul	0.00
57) Fluorene-d10	15.11	176	77866	4.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	12141	3.33	ng/ul	0.00
70) Anthracene-d10	16.96	188	131809m	4.60	ng/ul	0.00
76) Pyrene-d10	19.27	212	159072	4.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	118247	4.59	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	2075326	126.64	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	448811	34.07	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	116670	6.50	ng/ul	99
44) Dimethylphthalate	13.57	163	66424	3.36	ng/ul	98
47) Acenaphthylene	13.83	152	26346	1.18	ng/ul#	94
49) Acenaphthene	14.17	153	343137	22.79	ng/ul	97
53) Dibenzofuran	14.52	168	432154	18.95	ng/ul	91
58) Fluorene	15.17	166	430469	22.55	ng/ul	100
69) Phenanthrene	16.91	178	1967250	62.33	ng/ul	99
71) Anthracene	17.00	178	456817	14.05	ng/ul	96
72) Carbazole	17.27	167	269630	9.50	ng/ul	96
74) Fluoranthene	18.94	202	1223581	30.08	ng/ul	98
77) Pyrene	19.30	202	797851	19.36	ng/ul	98
80) Benzo(a)anthracene	21.06	228	251210	6.05	ng/ul	99
82) Chrysene	21.12	228	194378m	5.25	ng/ul	
85) Benzo(b)fluoranthene	22.59	252	105475m	3.05	ng/ul	
86) Benzo(k)fluoranthene	22.62	252	45250	1.38	ng/ul#	97
88) Benzo(a)pyrene	23.12	252	64770	2.04	ng/ul	99

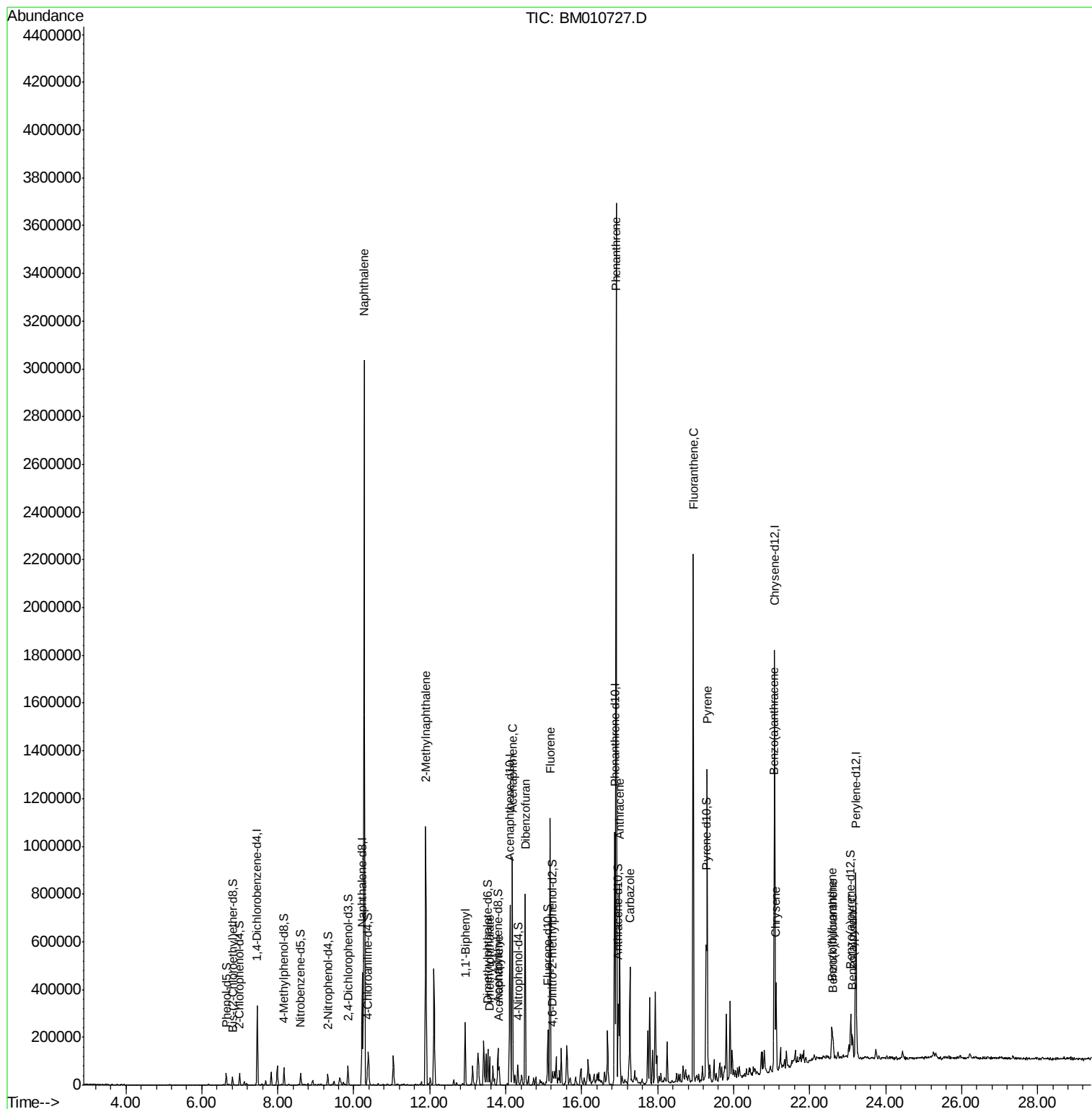
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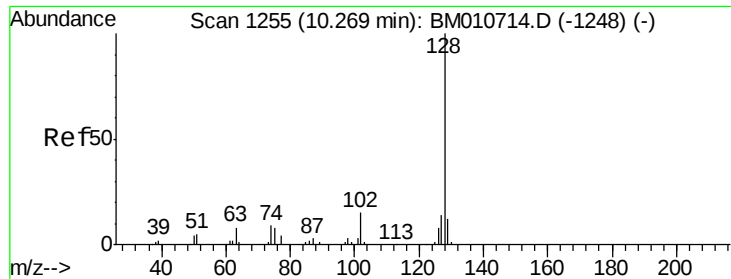
ALS Vial : 43 Sample Multiplier: 1

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Response via : Initial Calibration





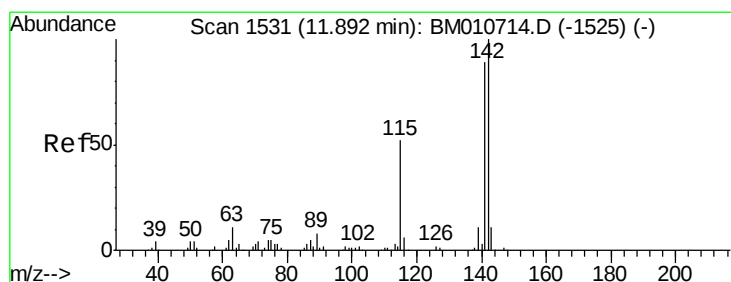
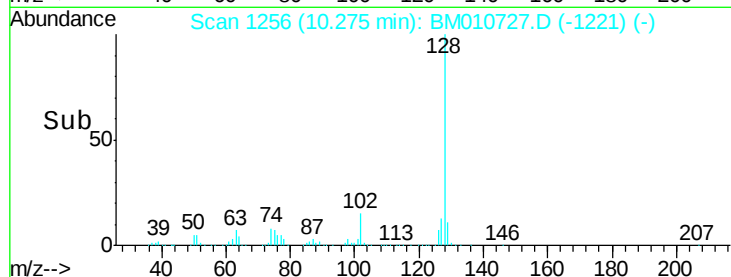
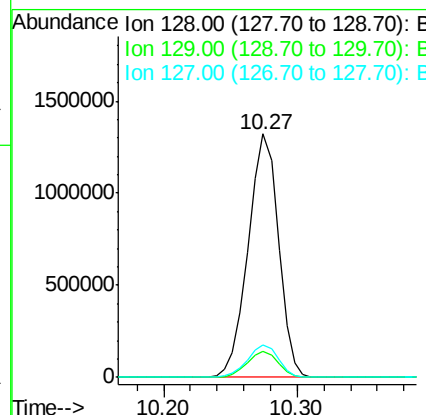
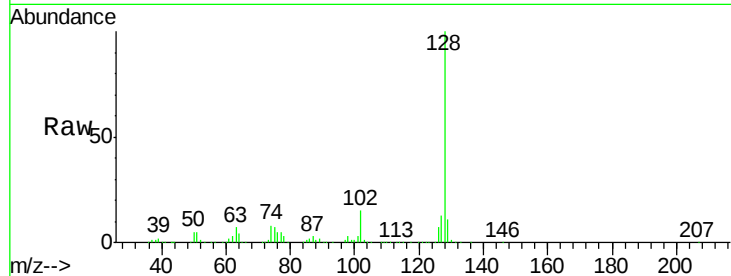
#28
Naphthalene
Concen: 126.64 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:128 Resp: 2075326
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.6 16.0

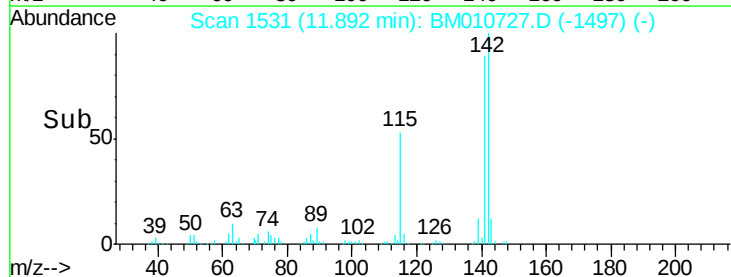
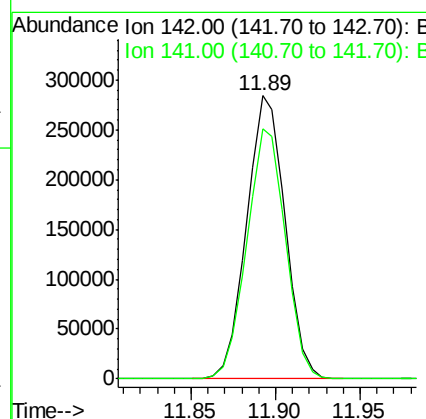
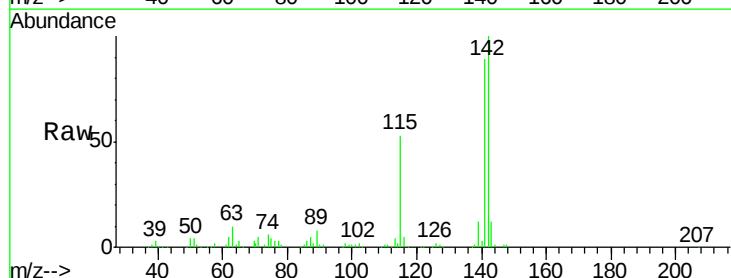
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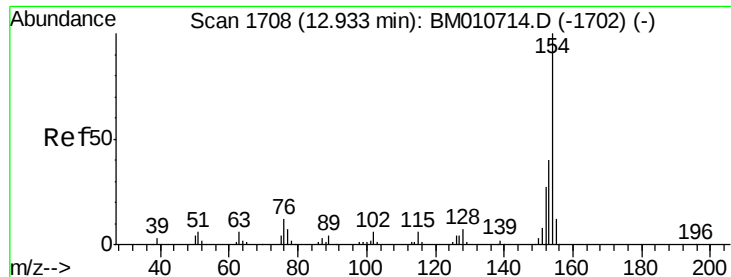
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#34
2-Methylnaphthalene
Concen: 34.07 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:142 Resp: 448811
Ion Ratio Lower Upper
142 100
141 88.6 74.1 111.1





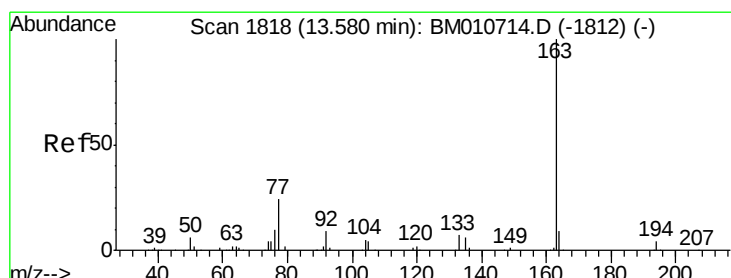
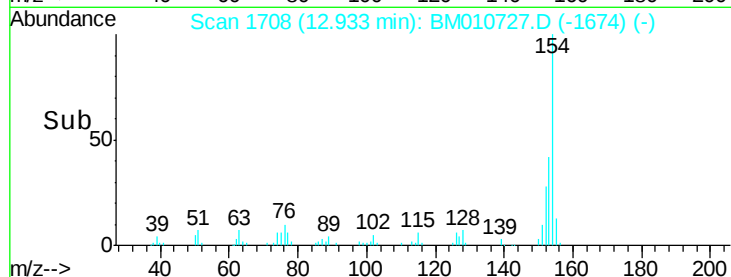
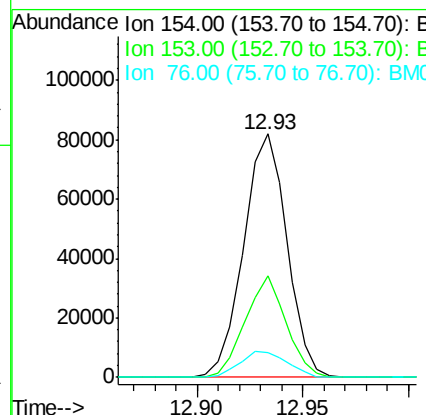
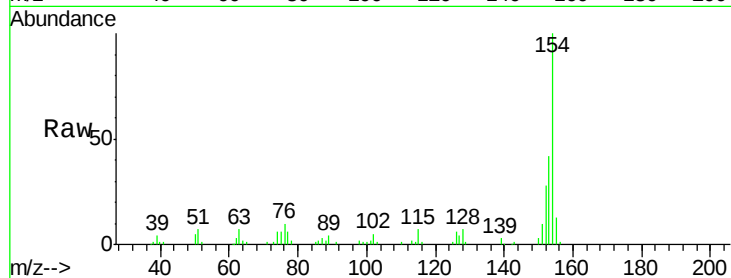
#40
 1,1'-Biphenyl
 Concen: 6.50 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BM010727.D
 Acq: 24 Jun 2017 13:26

Instrument :
 BNA_M
 ClientSampled :
 F5B20ME

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	116670		
153	41.6	32.6	48.8	
76	10.3	8.5	12.7	

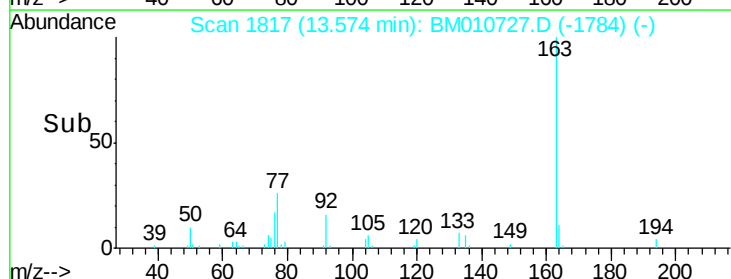
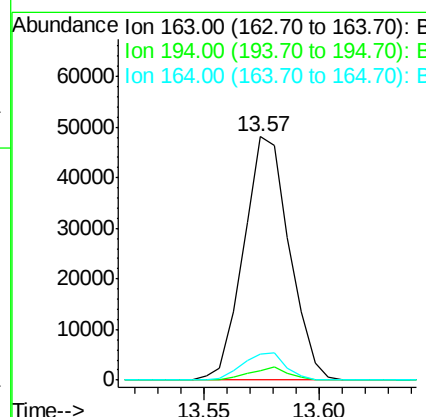
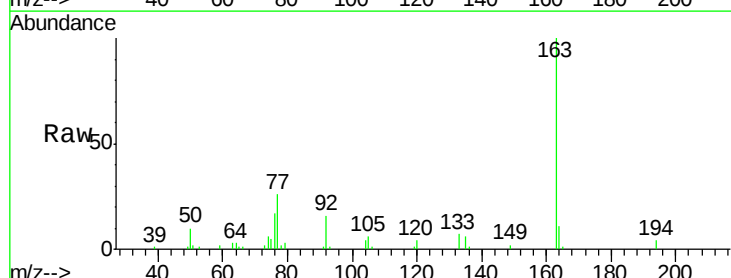
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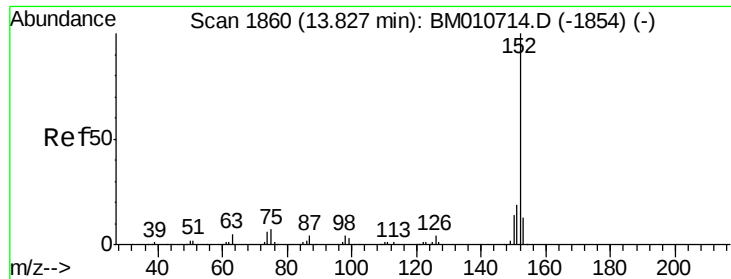
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#44
 Dimethylphthalate
 Concen: 3.36 ng/ul
 RT: 13.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BM010727.D
 Acq: 24 Jun 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	66424		
194	3.7	3.5	5.3	
164	10.9	8.2	12.4	





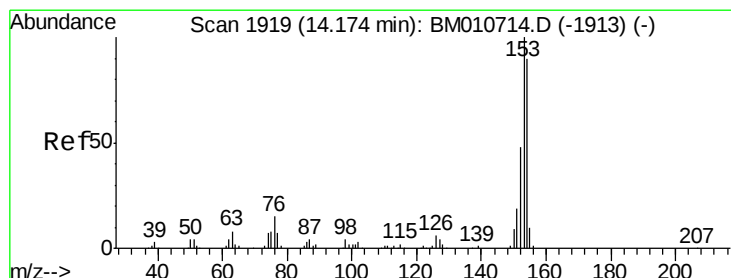
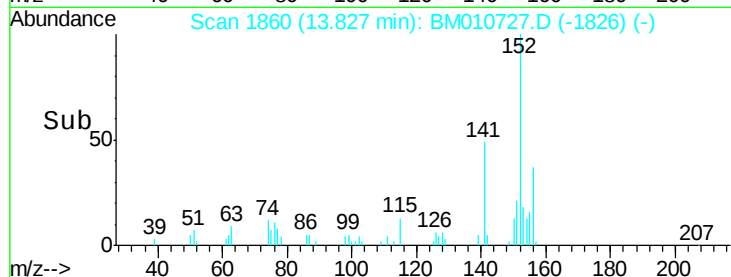
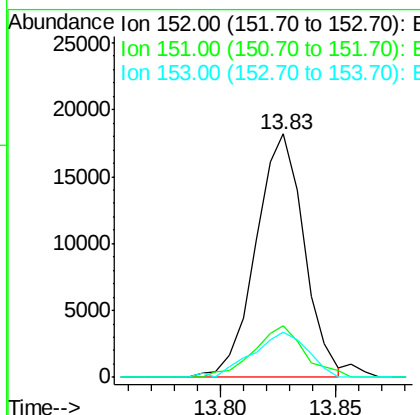
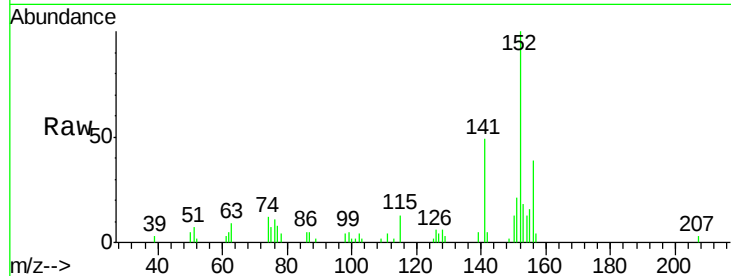
#47
Acenaphthylene
Concen: 1.18 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	26346		
151	21.2	16.3	24.5	
153	18.3	10.2	15.4	

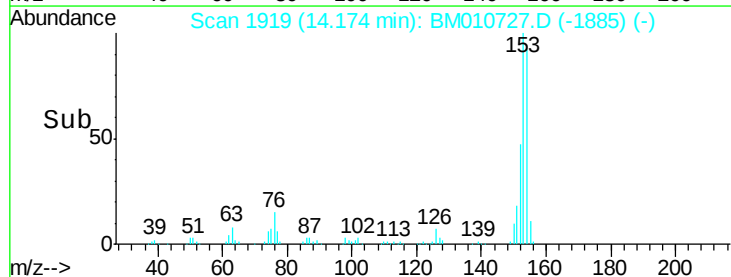
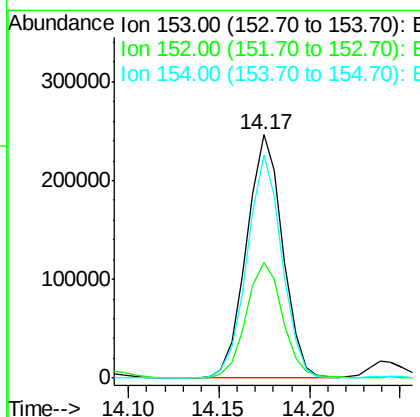
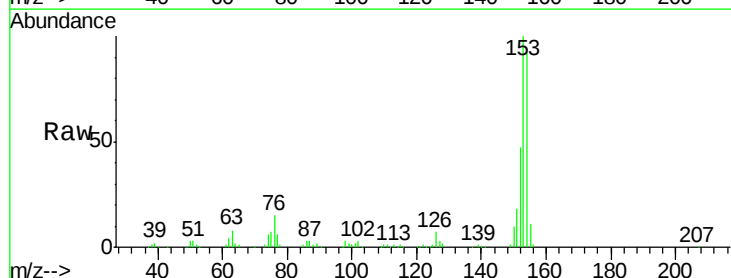
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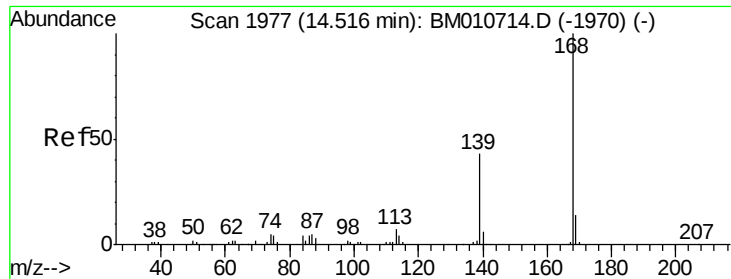
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#49
Acenaphthene
Concen: 22.79 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	343137		
152	47.4	37.6	56.4	
154	91.7	70.4	105.6	





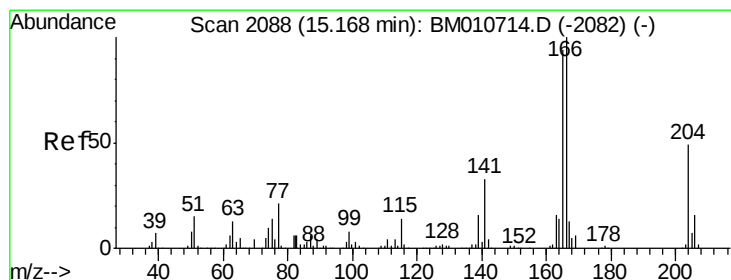
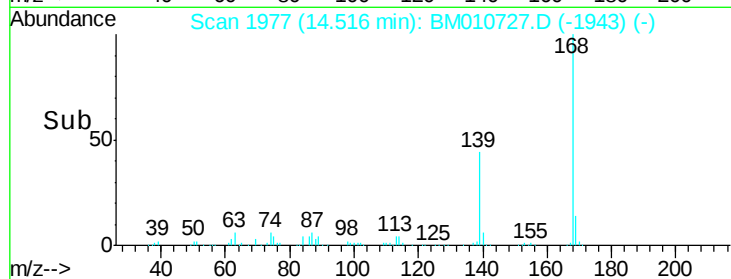
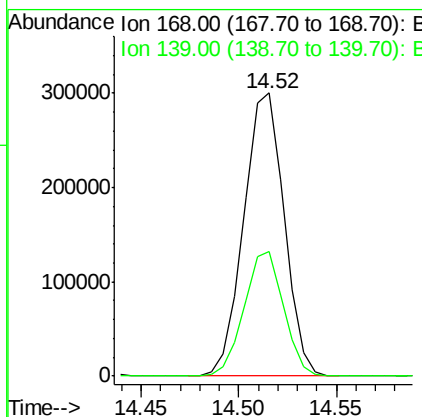
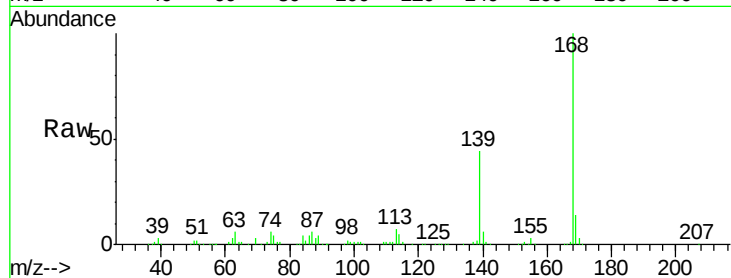
#53
Dibenzenofuran
Concen: 18.95 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:168 Resp: 432154
Ion Ratio Lower Upper
168 100
139 43.8 30.8 46.2

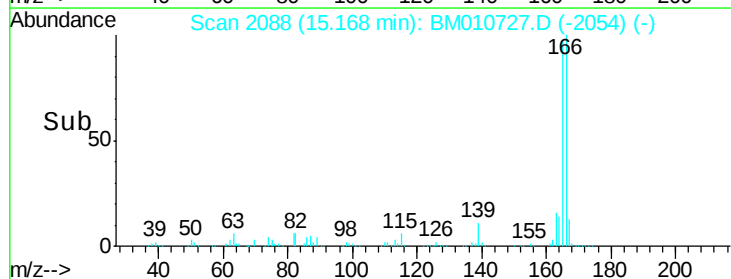
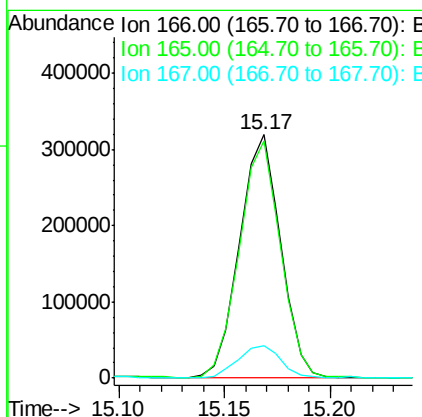
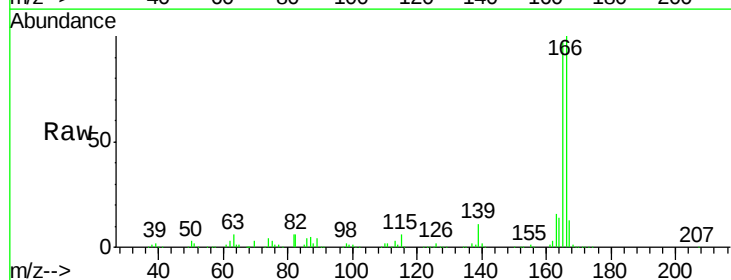
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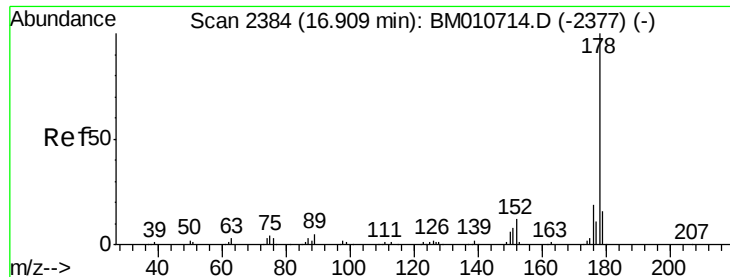
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#58
Fluorene
Concen: 22.55 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:166 Resp: 430469
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.2 10.6 16.0





#69

Phenanthrene

Concen: 62.33 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM010727.D

Acq: 24 Jun 2017 13:26

Instrument :

BNA_M

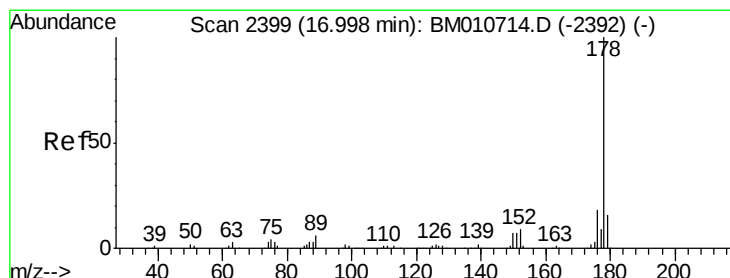
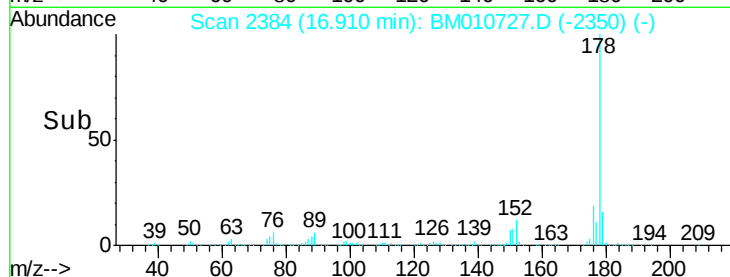
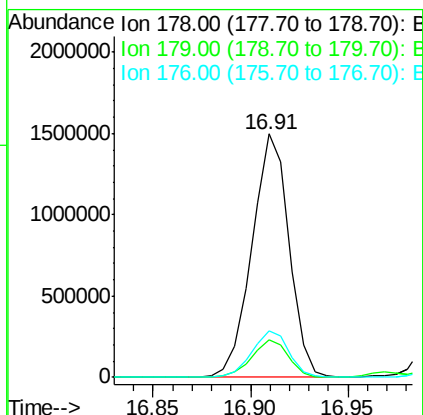
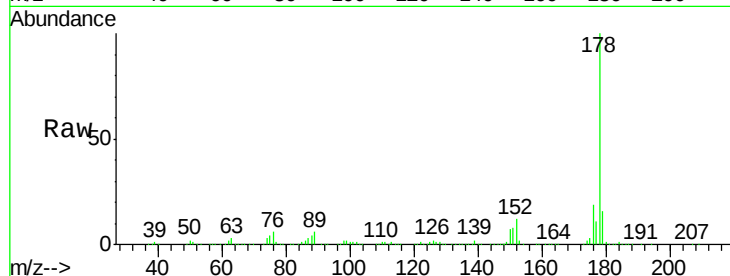
ClientSampleId :

F5B20ME

Tgt Ion:	178	Resp:	1967250
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.2	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 14.05 ng/ul

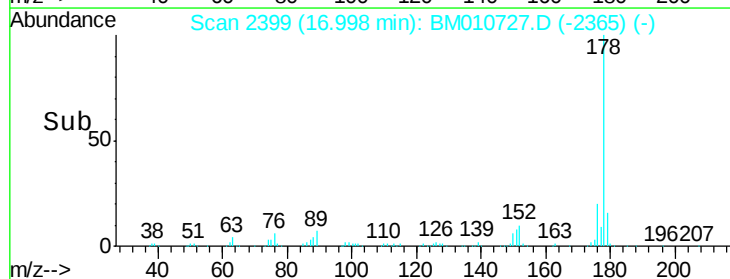
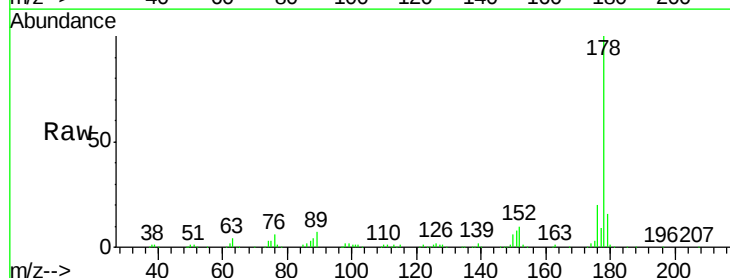
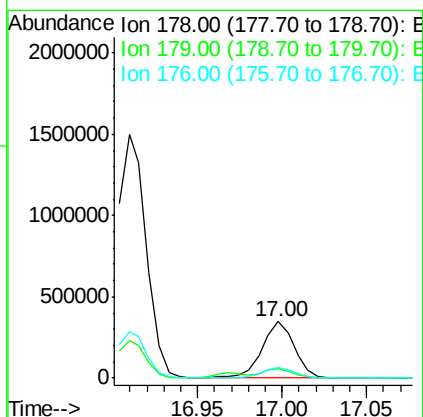
RT: 17.00 min Scan# 2399

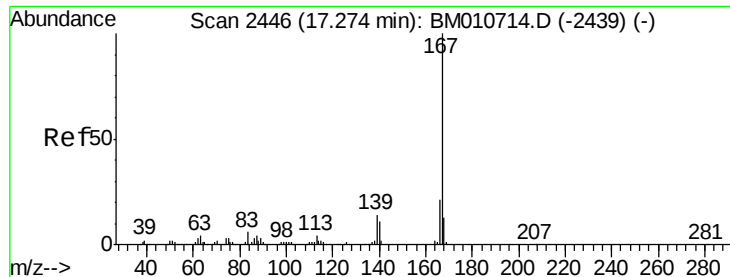
Delta R.T. 0.00 min

Lab File: BM010727.D

Acq: 24 Jun 2017 13:26

Tgt Ion:	178	Resp:	456817
Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	19.7	14.6	21.8





#72

Carbazole

Concen: 9.50 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BM010727.D

Acq: 24 Jun 2017 13:26

Instrument :

BNA_M

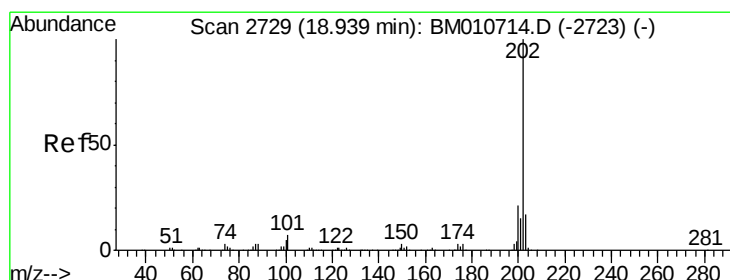
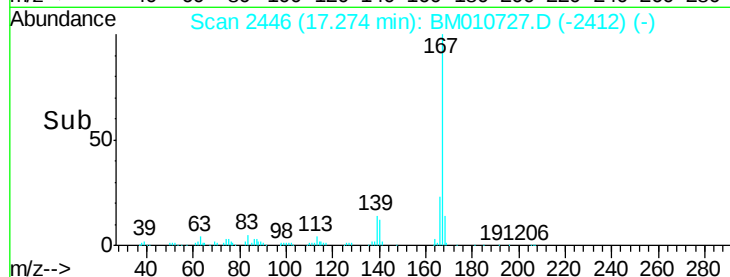
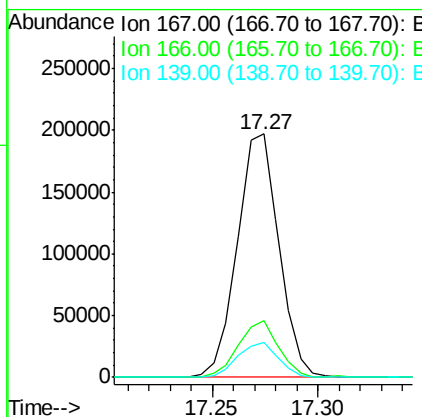
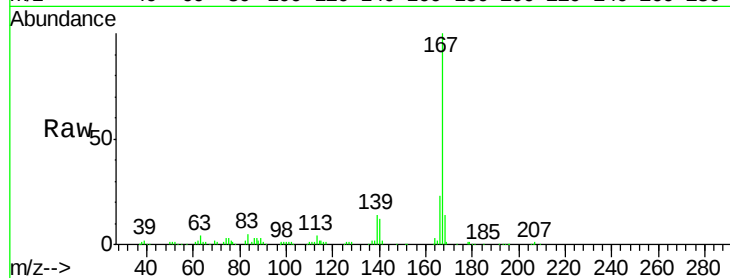
ClientSampleId :

F5B20ME

Tgt Ion:	167	Resp:	269630
Ion Ratio	Lower	Upper	
167	100		
166	23.2	17.1	25.7
139	14.4	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 30.08 ng/ul

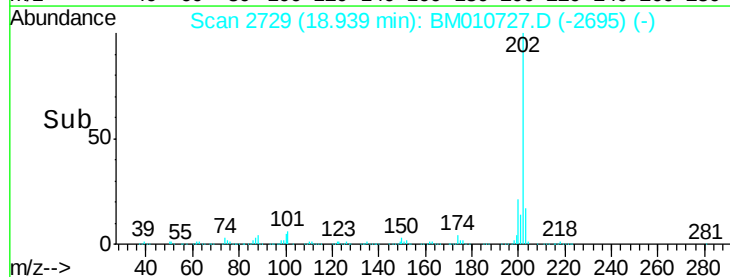
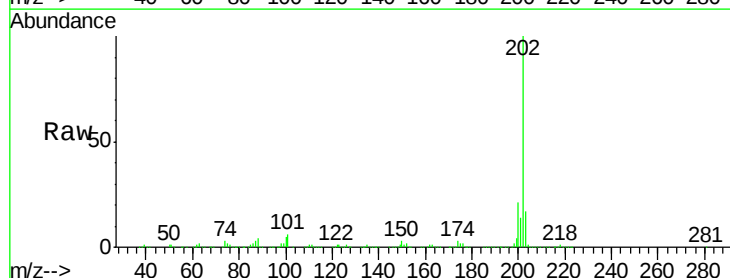
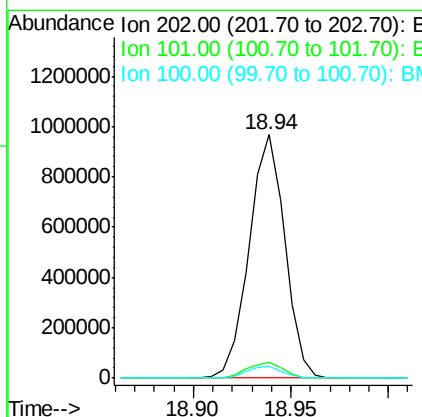
RT: 18.94 min Scan# 2729

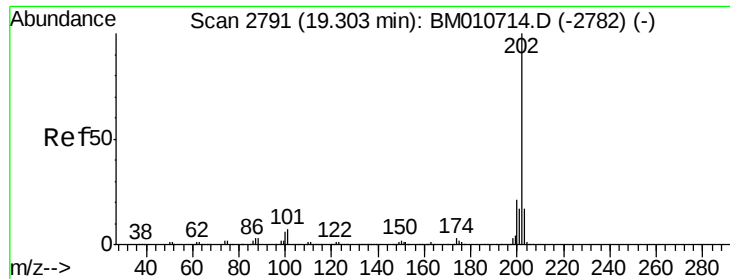
Delta R.T. 0.00 min

Lab File: BM010727.D

Acq: 24 Jun 2017 13:26

Tgt Ion:	202	Resp:	1223581
Ion Ratio	Lower	Upper	
202	100		
101	6.3	4.6	7.0
100	4.9	3.4	5.2





#77

Pyrene

Concen: 19.36 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM010727.D

Acq: 24 Jun 2017 13:26

Instrument :

BNA_M

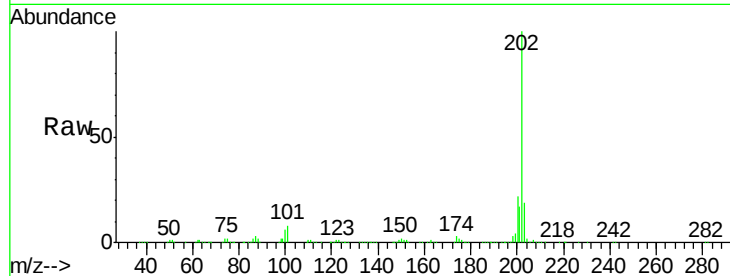
ClientSampleId :

F5B20ME

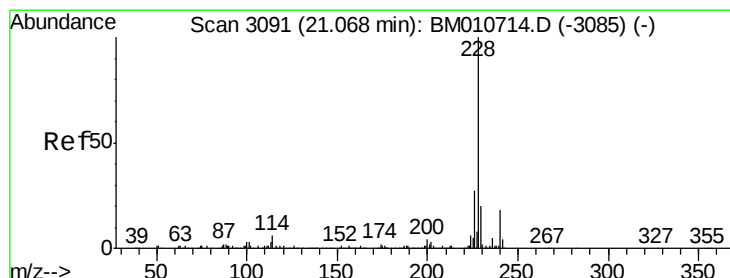
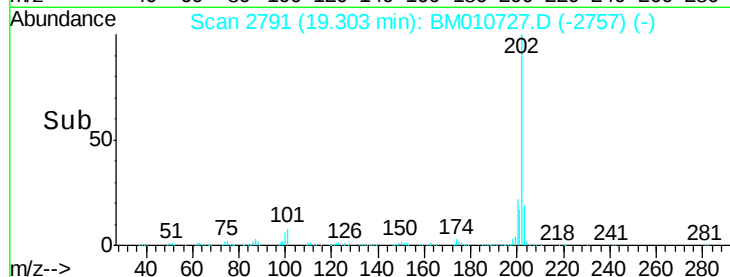
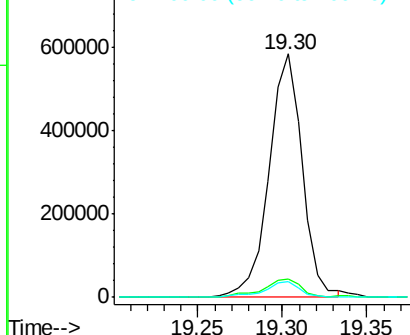
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.7	5.1	7.7
100	6.4	4.9	7.3

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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



#80

Benzo(a)anthracene

Concen: 6.05 ng/ul

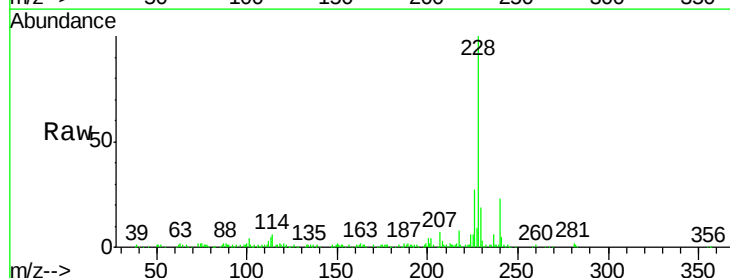
RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

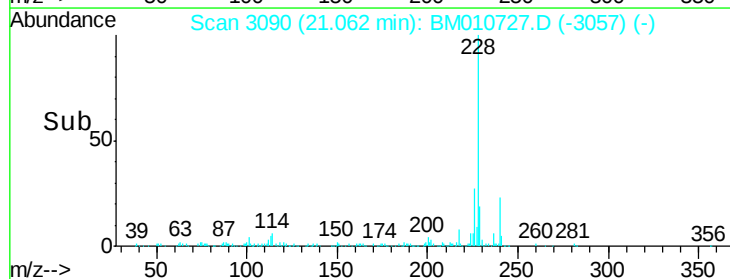
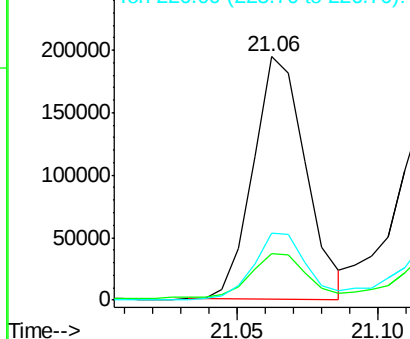
Lab File: BM010727.D

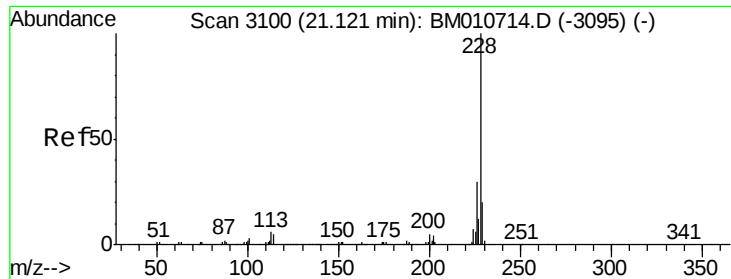
Acq: 24 Jun 2017 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	18.9	15.4	23.0
226	27.4	21.4	32.0



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





#82

Chrysene

Concen: 5.25 ng/ul m

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010727.D

Acq: 24 Jun 2017 13:26

Instrument :

BNA_M

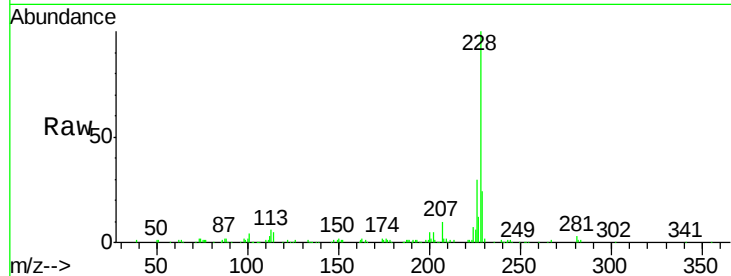
ClientSampleId :

F5B20ME

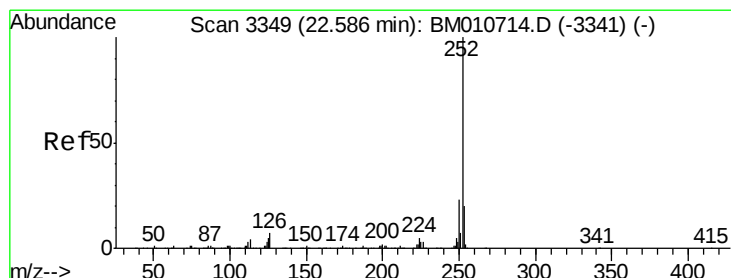
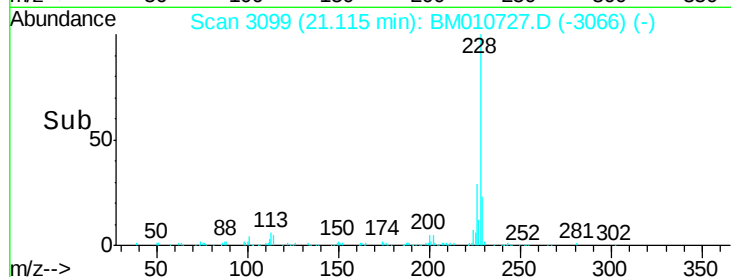
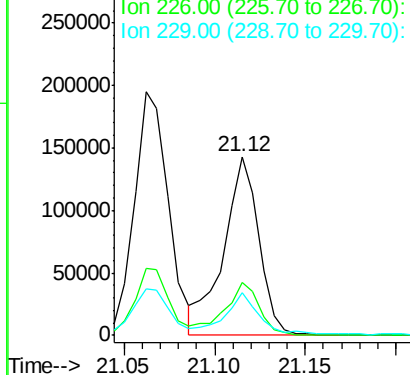
Tgt Ion:	228	Resp:	194378
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	23.7	15.5	23.3#

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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: 3.05 ng/ul m

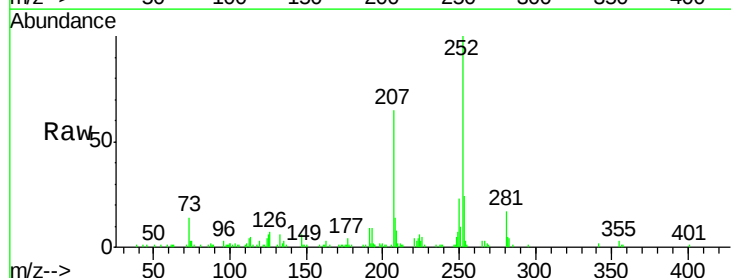
RT: 22.59 min Scan# 3349

Delta R.T. 0.00 min

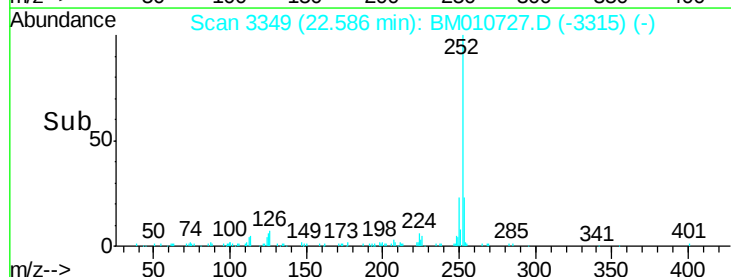
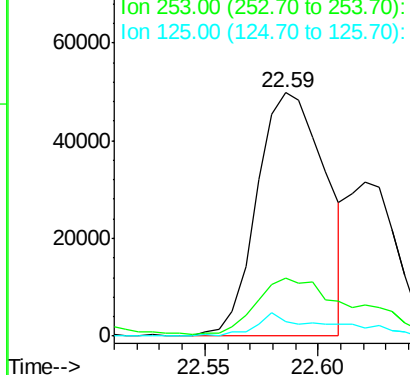
Lab File: BM010727.D

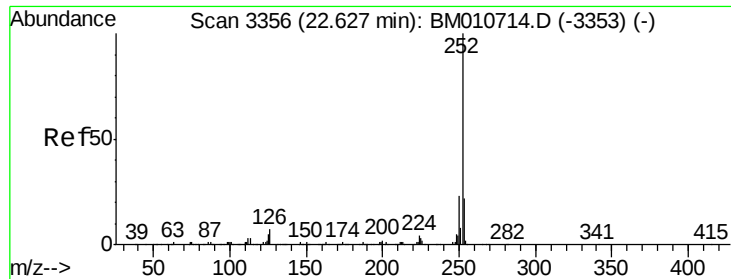
Acq: 24 Jun 2017 13:26

Tgt Ion:	252	Resp:	105475
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.9	26.9
125	6.0	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





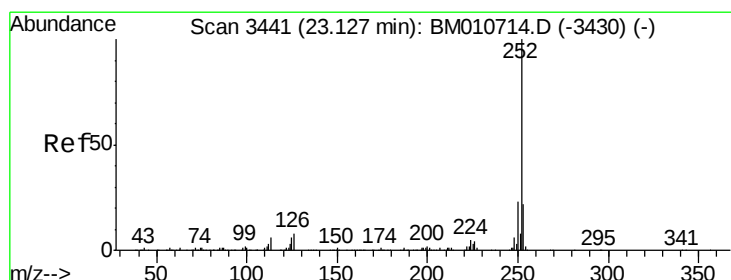
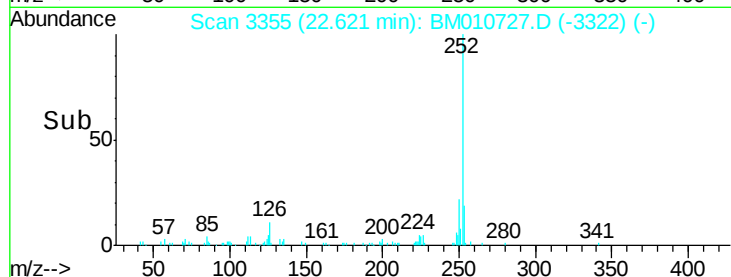
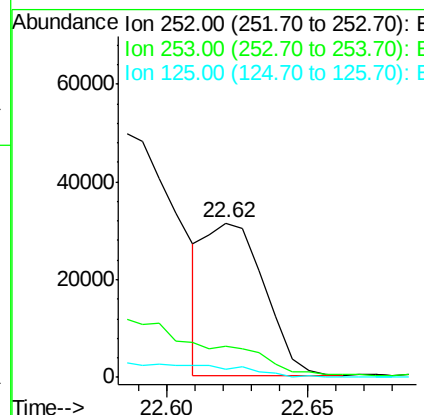
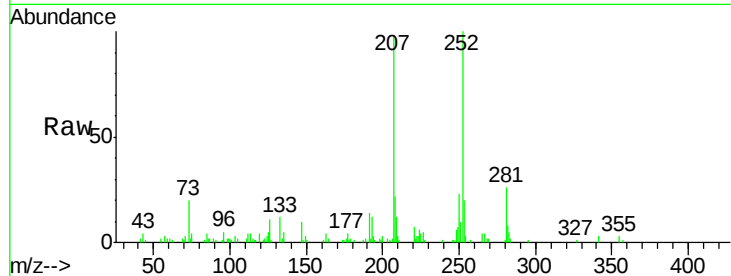
#86
Benzo(k)fluoranthene
Concen: 1.38 ng/u1
RT: 22.62 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.1	25.7
125	5.4	3.4	5.2

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#88
Benzo(a)pyrene
Concen: 2.04 ng/u1
RT: 23.12 min Scan# 3440
Delta R.T. -0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.0	4.0	6.0

