

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010522.D
 Acq On : 11 Jun 2017 13:10
 Operator : SJ/MA
 Sample : I3522-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F5C66

Manual Integrations
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 6/12/2017 3:41:39 PM

Quant Time: Jun 12 10:10:07 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	144236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	502608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	349737	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	883262	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1245867	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1306400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	12194	3.47	ng/uL	0.00
5) Phenol-d5	7.07	99	188099	17.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	113268	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	173614	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	169945	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	81398	22.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	100803	23.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	207381	23.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	205243	24.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	711640	24.49	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	775085	22.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	59289	13.64	ng/ul	0.00
57) Fluorene-d10	15.52	176	612618	23.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	100336	16.04	ng/ul	0.00
70) Anthracene-d10	17.37	188	1011013	23.52	ng/ul	0.00
76) Pyrene-d10	19.66	212	1305005	25.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1448178	23.81	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.99	163	362082	12.670	ng/ul	100
47) Acenaphthylene	14.26	152	46584	1.406	ng/ul	97
71) Anthracene	17.41	178	70201	1.426	ng/ul	94
74) Fluoranthene	19.33	202	351186	6.056	ng/ul#	95
77) Pyrene	19.69	202	460817	7.178	ng/ul#	93
80) Benzo(a)anthracene	21.43	228	337362	4.802	ng/ul	92
82) Chrysene	21.48	228	330363	5.202	ng/ul	92
85) Benzo(b)fluoranthene	23.06	252	1717521	22.594	ng/ul	98
86) Benzo(k)fluoranthene	23.10	252	435688m	6.000	ng/ul	
88) Benzo(a)pyrene	23.67	252	695451m	9.230	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.14	276	681221	7.156	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.14	278	186320m	2.272	ng/ul	
91) Benzo(g,h,i)perylene	26.89	276	497976	6.350	ng/ul#	96

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

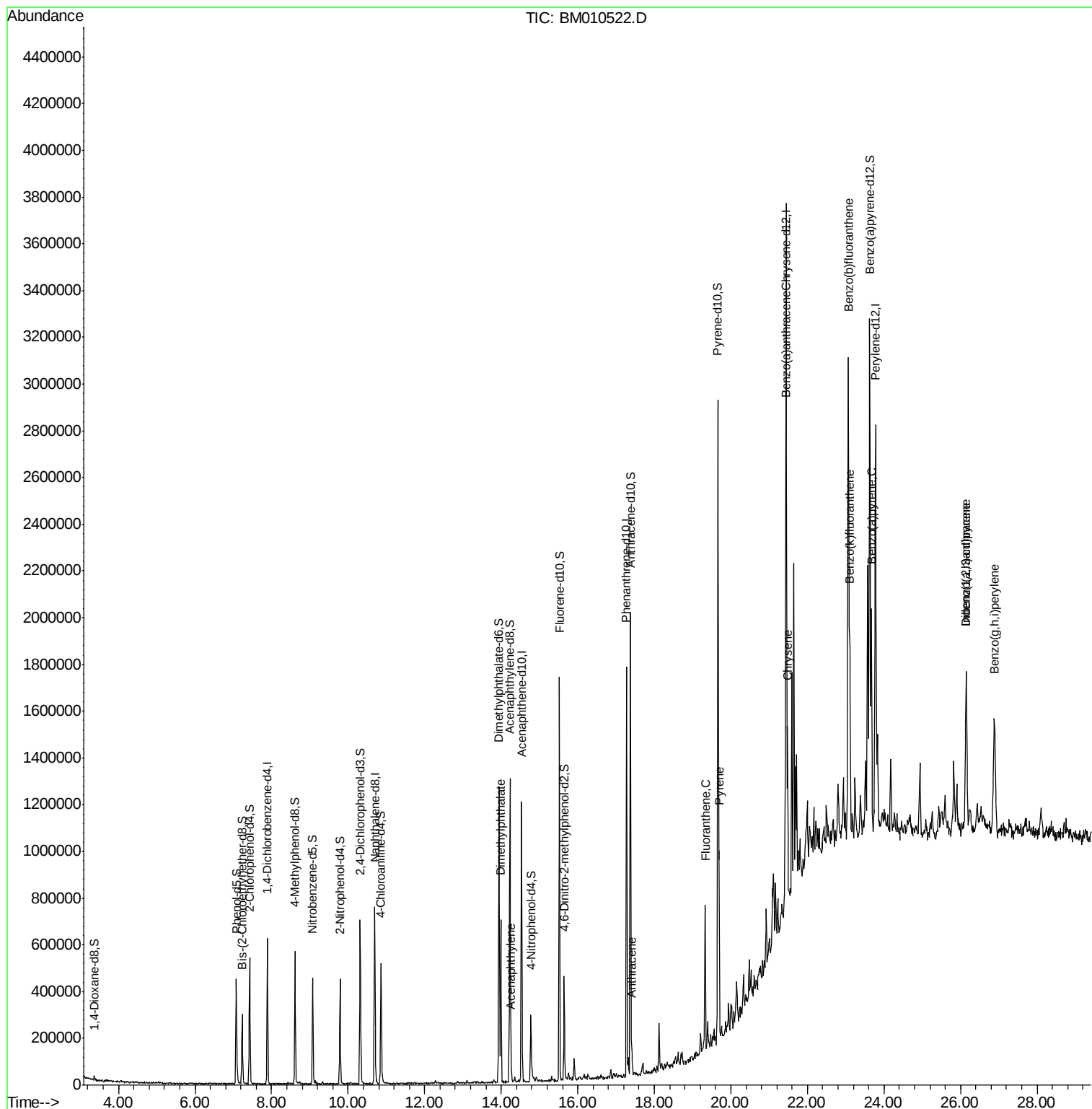
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

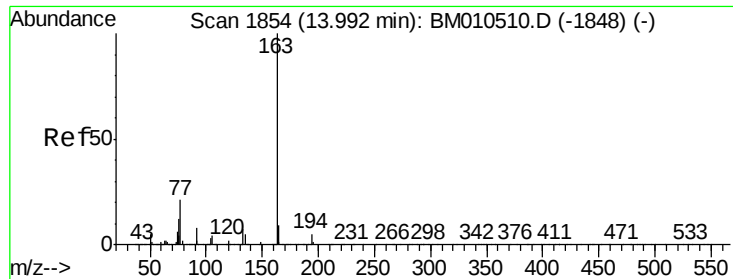
Instrument :
BNA_M
ClientSampleId :
F5C66

Quant Time: Jun 12 10:10:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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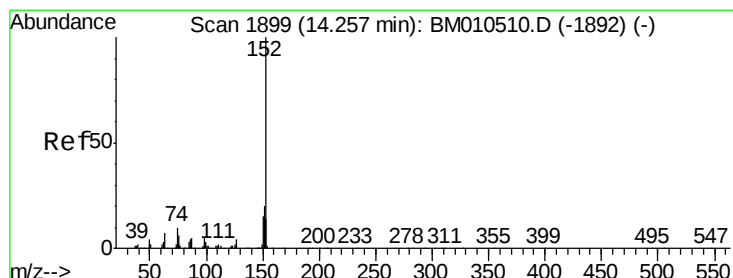
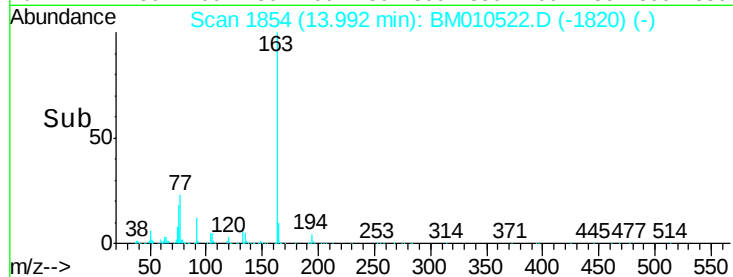
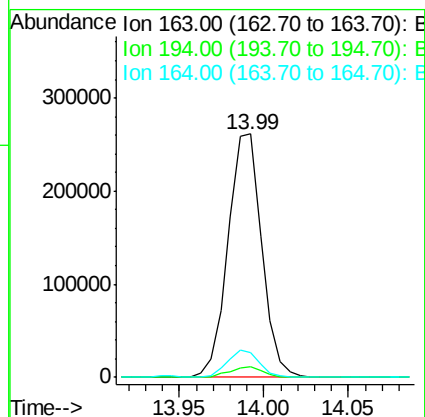
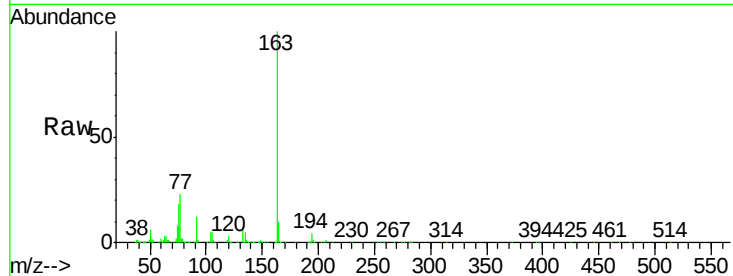
#44
Dimethylphthalate
Concen: 12.670 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

Instrument :
BNA_M
ClientSampleId :
F5C66

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	362082		
194	4.4	3.5	5.3	
164	10.2	8.2	12.4	

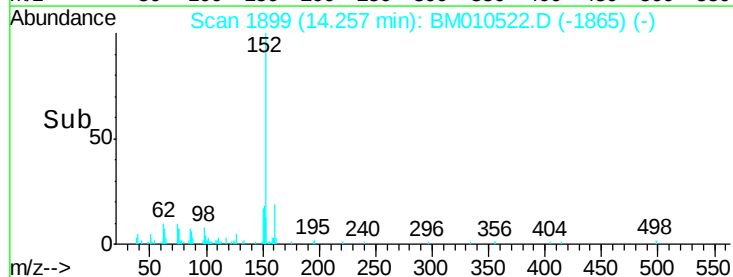
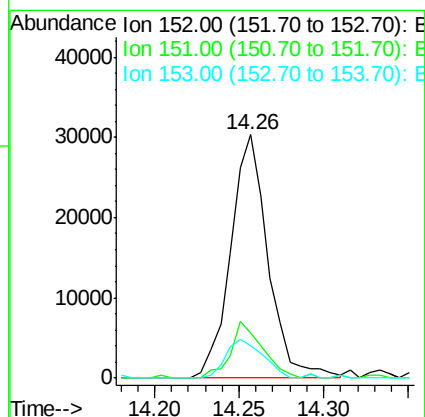
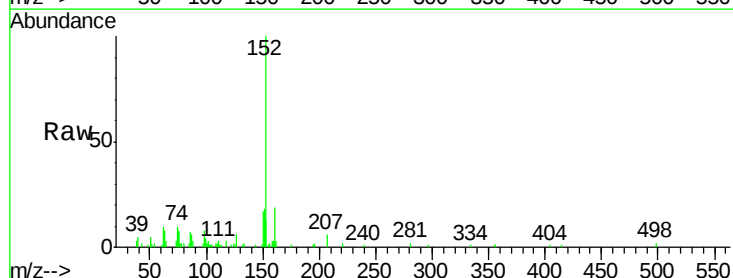
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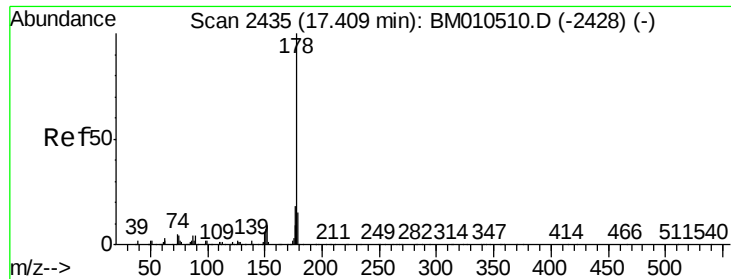
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#47
Acenaphthylene
Concen: 1.406 ng/ul
RT: 14.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	46584		
151	18.5	16.3	24.5	
153	13.2	10.2	15.4	





#71

Anthracene

Concen: 1.426 ng/ul

RT: 17.41 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

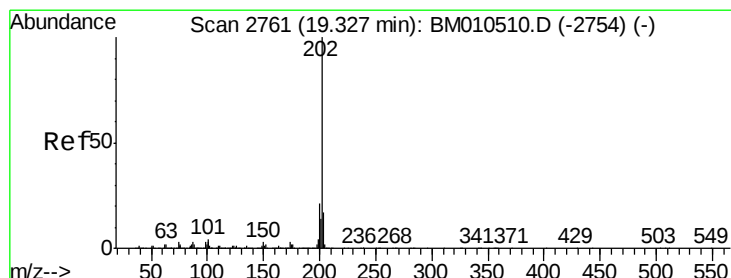
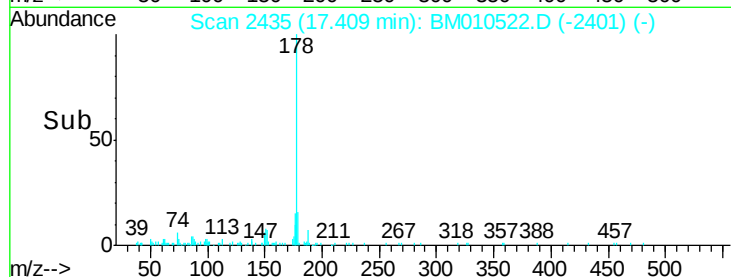
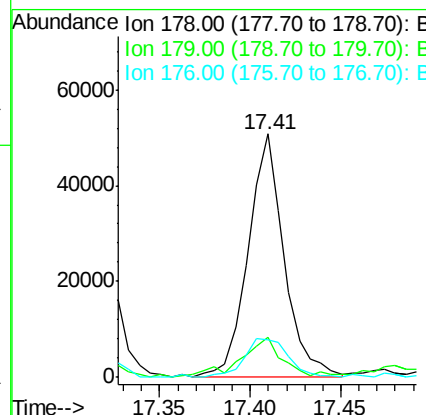
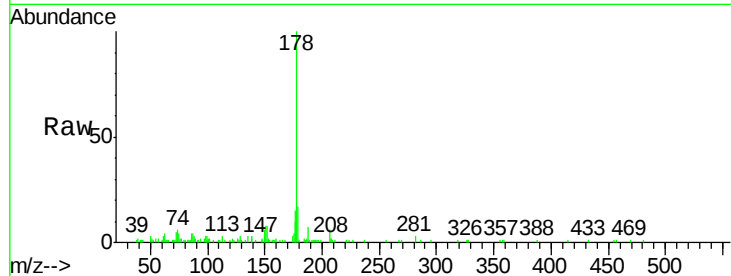
ClientSampleId :

F5C66

Tgt Ion:	178	Resp:	70201
Ion Ratio	Lower	Upper	
178	100		
179	16.6	11.7	17.5
176	15.4	14.6	21.8

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#74

Fluoranthene

Concen: 6.056 ng/ul

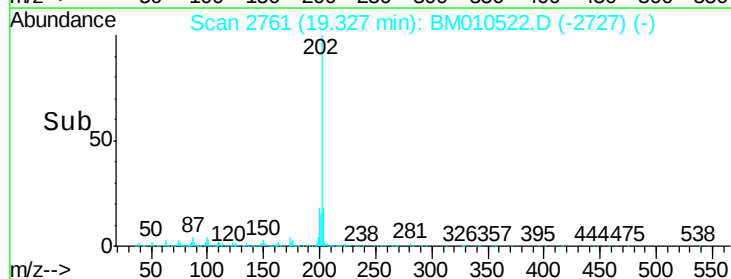
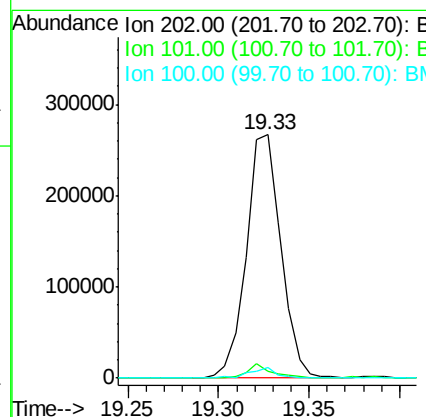
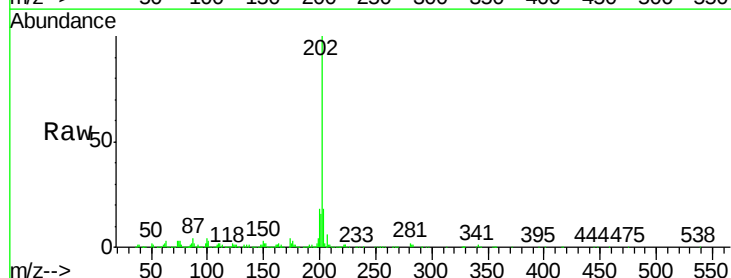
RT: 19.33 min Scan# 2761

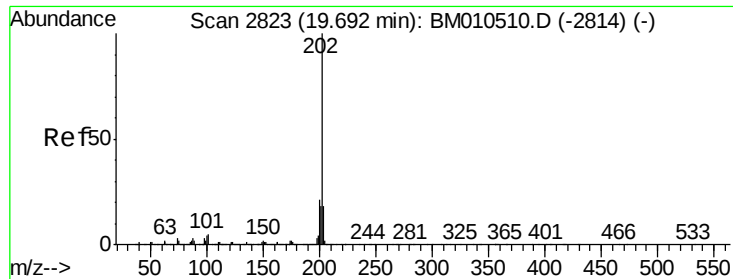
Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Tgt Ion:	202	Resp:	351186
Ion Ratio	Lower	Upper	
202	100		
101	3.0	4.6	7.0#
100	4.3	3.4	5.2





#77

Pyrene

Concen: 7.178 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

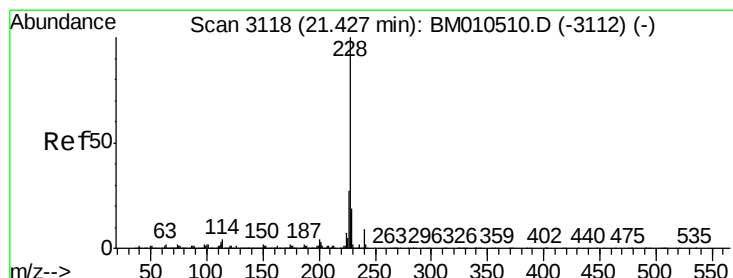
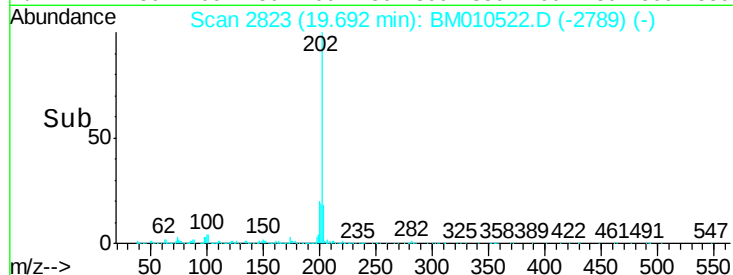
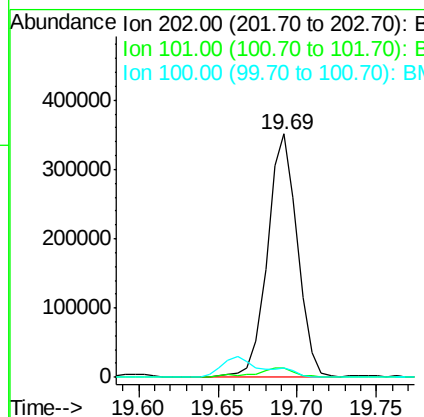
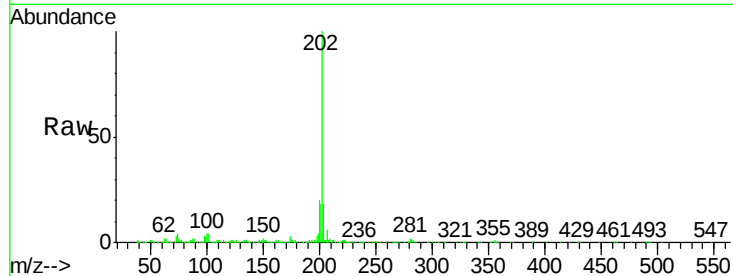
ClientSampleId :

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Tgt Ion:	202	Resp:	460817
Ion Ratio	Lower	Upper	
202	100		
101	3.7	5.1	7.7#
100	3.8	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 4.802 ng/ul

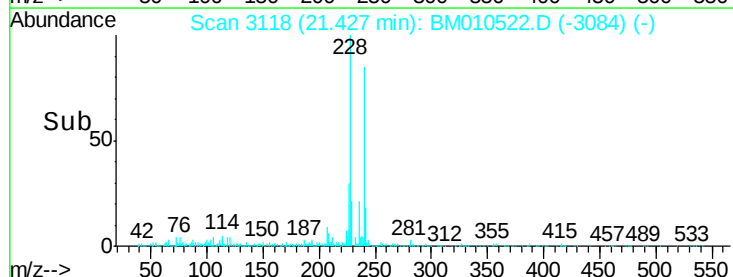
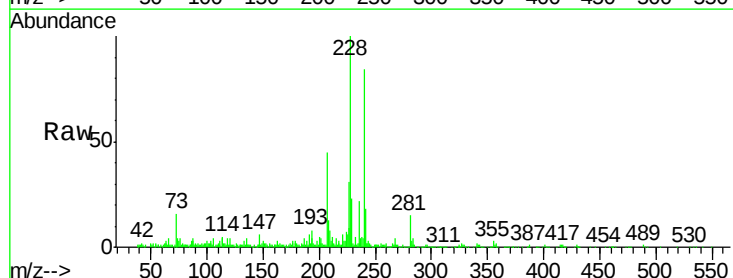
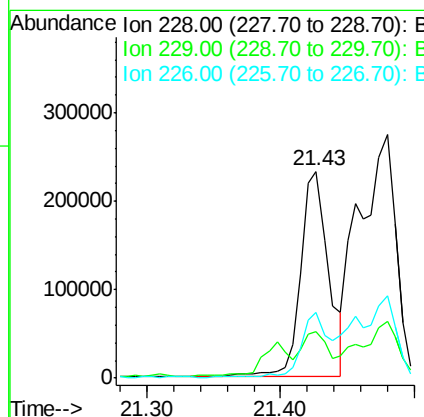
RT: 21.43 min Scan# 3118

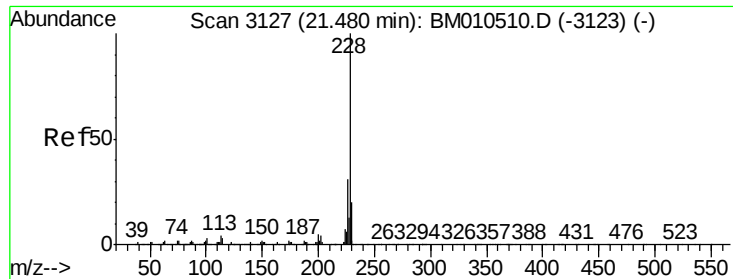
Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Tgt Ion:	228	Resp:	337362
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.4	23.0
226	31.5	21.4	32.0





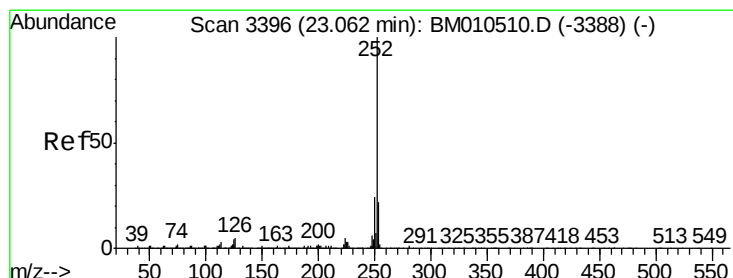
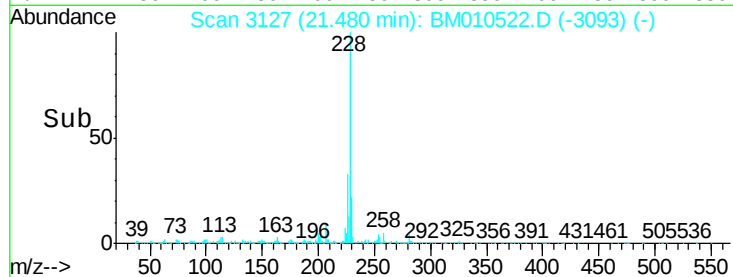
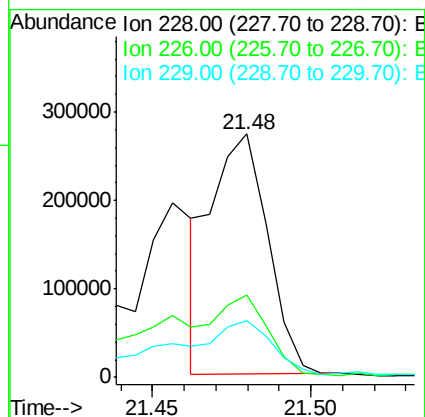
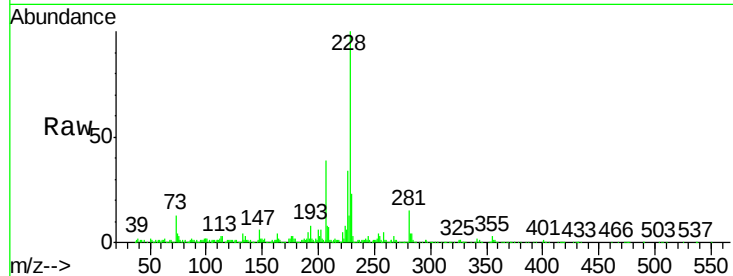
#82
Chrysene
Concen: 5.202 ng/u1
RT: 21.48 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

Instrument :
BNA_M
ClientSampleId :
F5C66

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	330363		
226	33.9	23.4	35.2	
229	23.2	15.5	23.3	

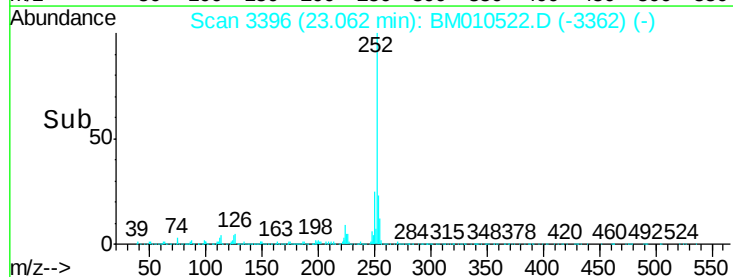
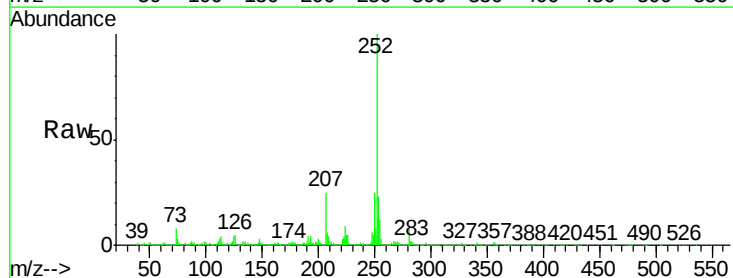
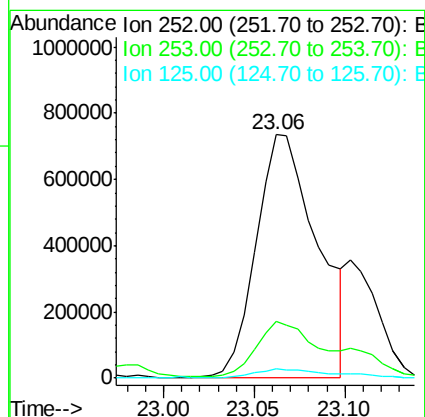
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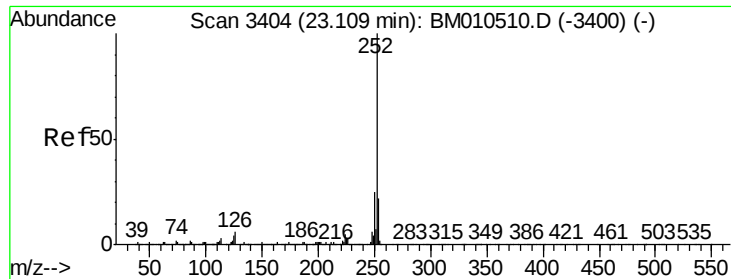
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#85
Benzo(b)fluoranthene
Concen: 22.594 ng/u1
RT: 23.06 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1717521		
253	23.5	17.9	26.9	
125	3.8	3.6	5.4	





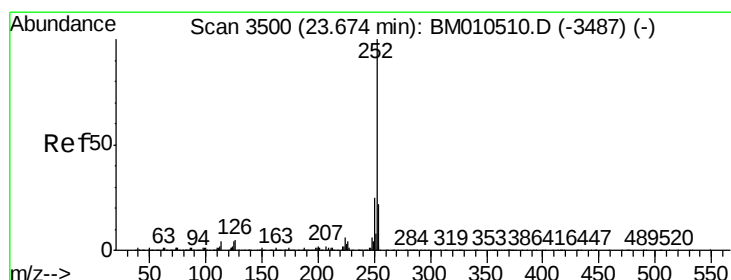
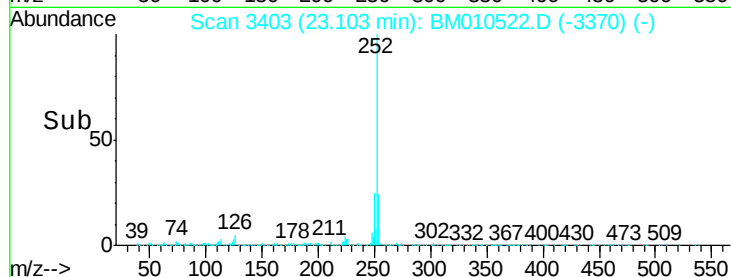
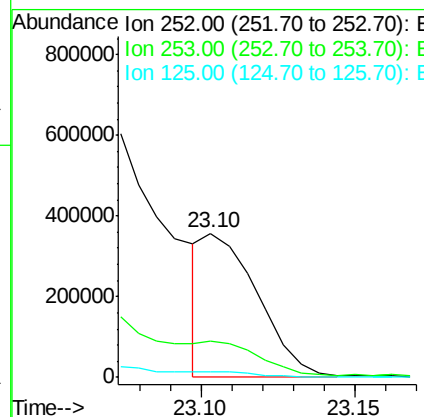
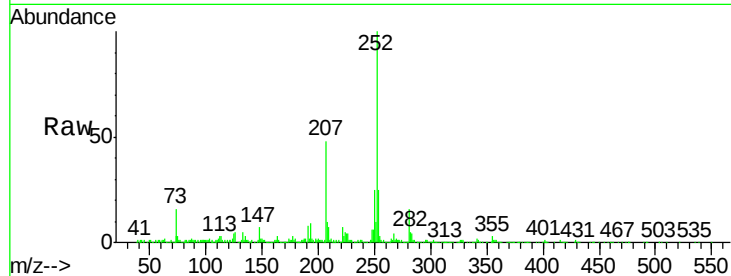
#86
Benzo(k)fluoranthene
Concen: 6.000 ng/ul m
RT: 23.10 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

Instrument :
BNA_M
ClientSampleId :
F5C66

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	3.5	3.4	5.2

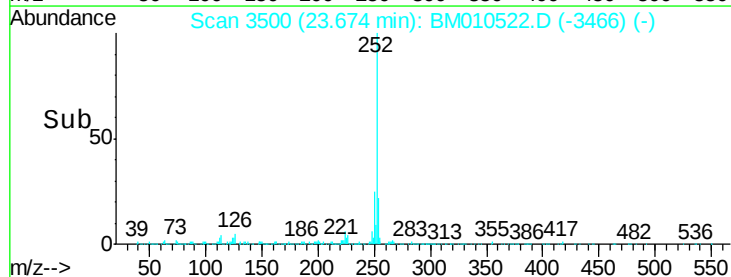
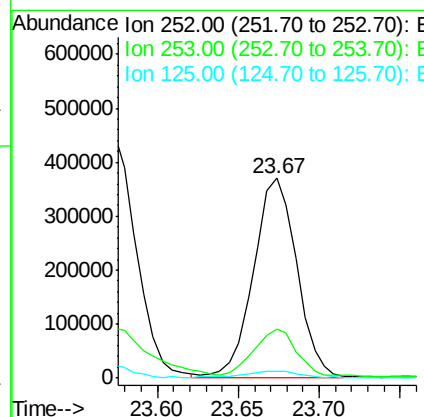
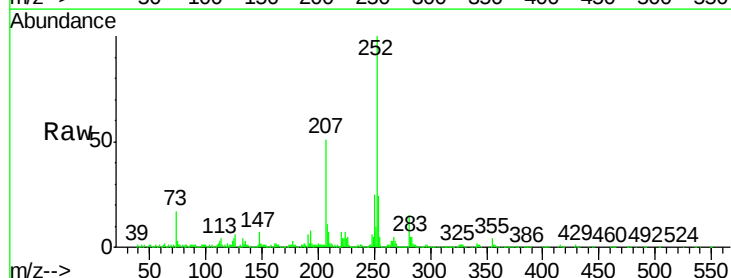
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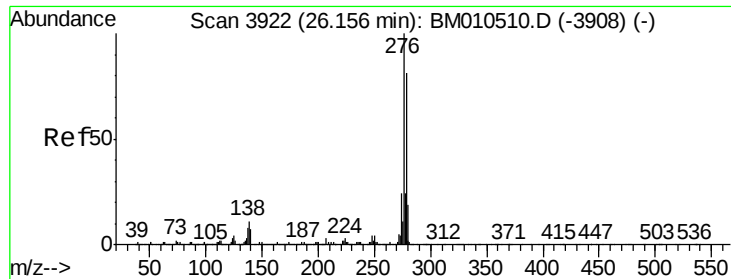
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#88
Benzo(a)pyrene
Concen: 9.230 ng/ul m
RT: 23.67 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	3.5	4.0	6.0





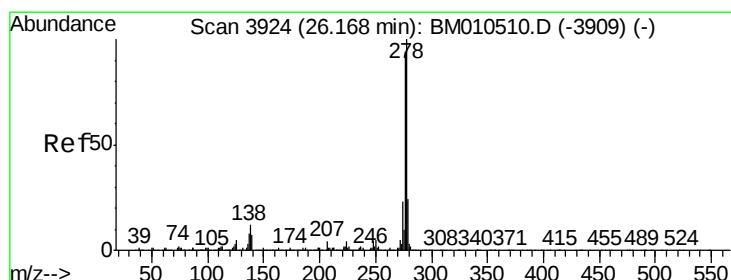
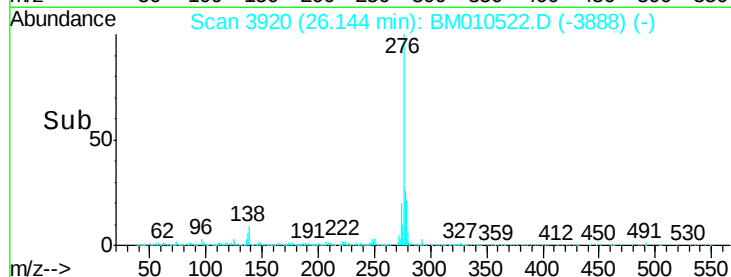
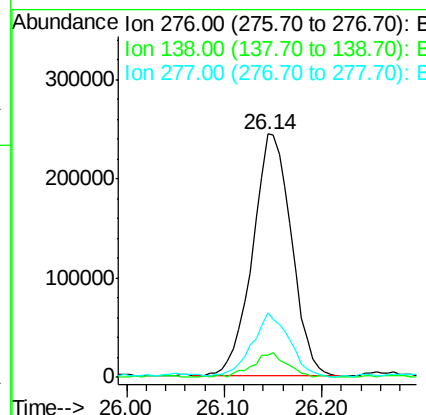
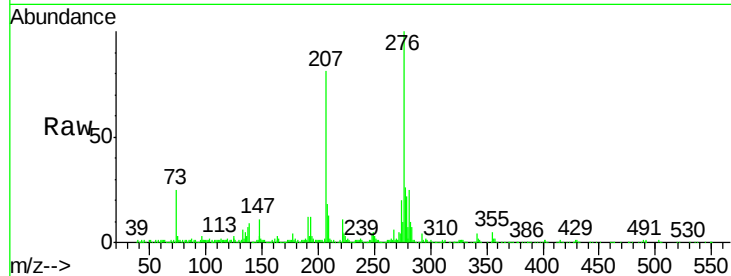
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 Indeno(1,2,3-cd)pyrene
 Concen: 7.156 ng/ul
 RT: 26.14 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BM010522.D
 Acq: 11 Jun 2017 13:10

Instrument :
 BNA_M
 ClientSampleId :
 F5C66

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	9.1	9.3	13.9#
277	26.2	19.9	29.9

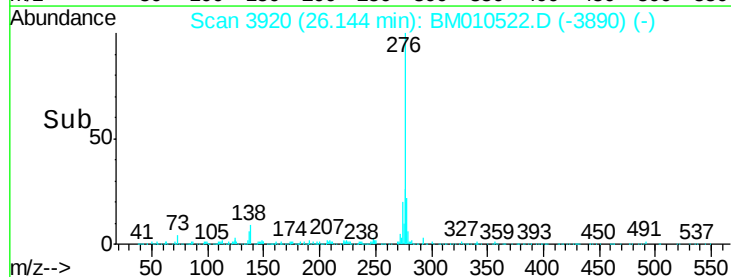
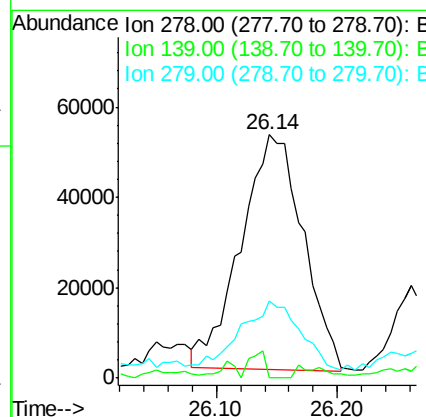
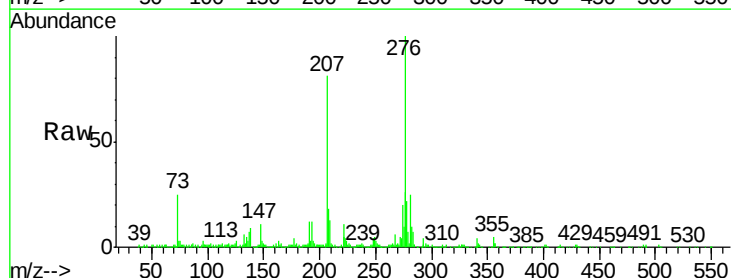
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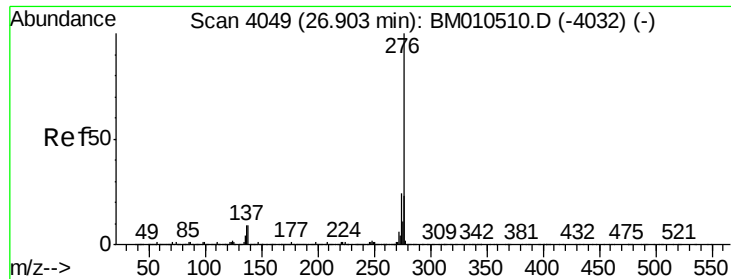
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#90
 Dibenzo(a,h)anthracene
 Concen: 2.272 ng/ul m
 RT: 26.14 min Scan# 3920
 Delta R.T. -0.02 min
 Lab File: BM010522.D
 Acq: 11 Jun 2017 13:10

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	31.8	18.6	27.8#





#91
 Benzo(g,h,i)perylene
 Concen: 6.350 ng/ul
 RT: 26.89 min Scan# 4047
 Delta R.T. -0.01 min
 Lab File: BM010522.D
 Acq: 11 Jun 2017 13:10

Instrument :
 BNA_M
 ClientSampleId :
 F5C66

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	7.6	8.5	12.7#
277	24.2	18.6	28.0

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