

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002791.D
 Acq On : 30 Sep 2015 20:47
 Operator : UM/IZ
 Sample : G3798-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Manual Integrations
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MMDadoda
 10/1/2015 4:42:57 PM

Quant Time: Oct 01 07:47:34 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	87372	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	380748	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	190432	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	345306	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	267703	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	283600	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	5805	3.09	ng/uL	0.00
5) Phenol-d5	7.82	99	120698	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	70439	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	115373	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	86398	15.83	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	55244	19.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	58403	19.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	98899	18.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	83494	12.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	289123	20.18	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	382150	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	15.47	143	36536	14.36	ng/ul	0.00
58) Fluorene-d10	16.27	176	247121	19.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	11379	6.76	ng/ul	0.00
71) Anthracene-d10	18.11	188	329627	20.00	ng/ul	0.00
79) Pyrene-d10	20.34	212	275614	22.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.53	264	292485	20.16	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	11.61	128	40802	2.10 ng/ul	98
34) 2-Methylnaphthalene	13.17	142	24607	1.82 ng/ul	98
35) 1-Methylnaphthalene	13.39	142	17184	1.31 ng/ul	98
45) Dimethylphthalate	14.72	163	188888	12.97 ng/ul	100
48) Acenaphthylene	15.03	152	63991	3.17 ng/ul	99
54) Dibenzofuran	15.69	168	21591	1.20 ng/ul	100
59) Fluorene	16.33	166	17557	1.19 ng/ul#	98
70) Phenanthrene	18.05	178	385519	19.30 ng/ul	99
72) Anthracene	18.14	178	129481	6.37 ng/ul	99
75) Carbazole	18.40	167	39490	2.22 ng/ul	97
77) Fluoranthene	20.01	202	749392	36.34 ng/ul	99
80) Pyrene	20.37	202	680567	40.02 ng/ul	99
83) Benzo(a)anthracene	22.08	228	406887	25.57 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.92	149	21998	1.91 ng/ul#	98
85) Chrysene	22.14	228	372964m	24.85 ng/ul	
88) Benzo(b)fluoranthene	23.90	252	615335	36.12 ng/ul	97
89) Benzo(k)fluoranthene	23.94	252	228673m	14.18 ng/ul	
91) Benzo(a)pyrene	24.59	252	441624	26.99 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.43	276	340517	17.84 ng/ul#	90
93) Dibenzo(a,h)anthracene	27.42	278	88471	5.49 ng/ul#	69
94) Benzo(a,h,i)perylene	28.28	276	317011	19.72 ng/ul	97

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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

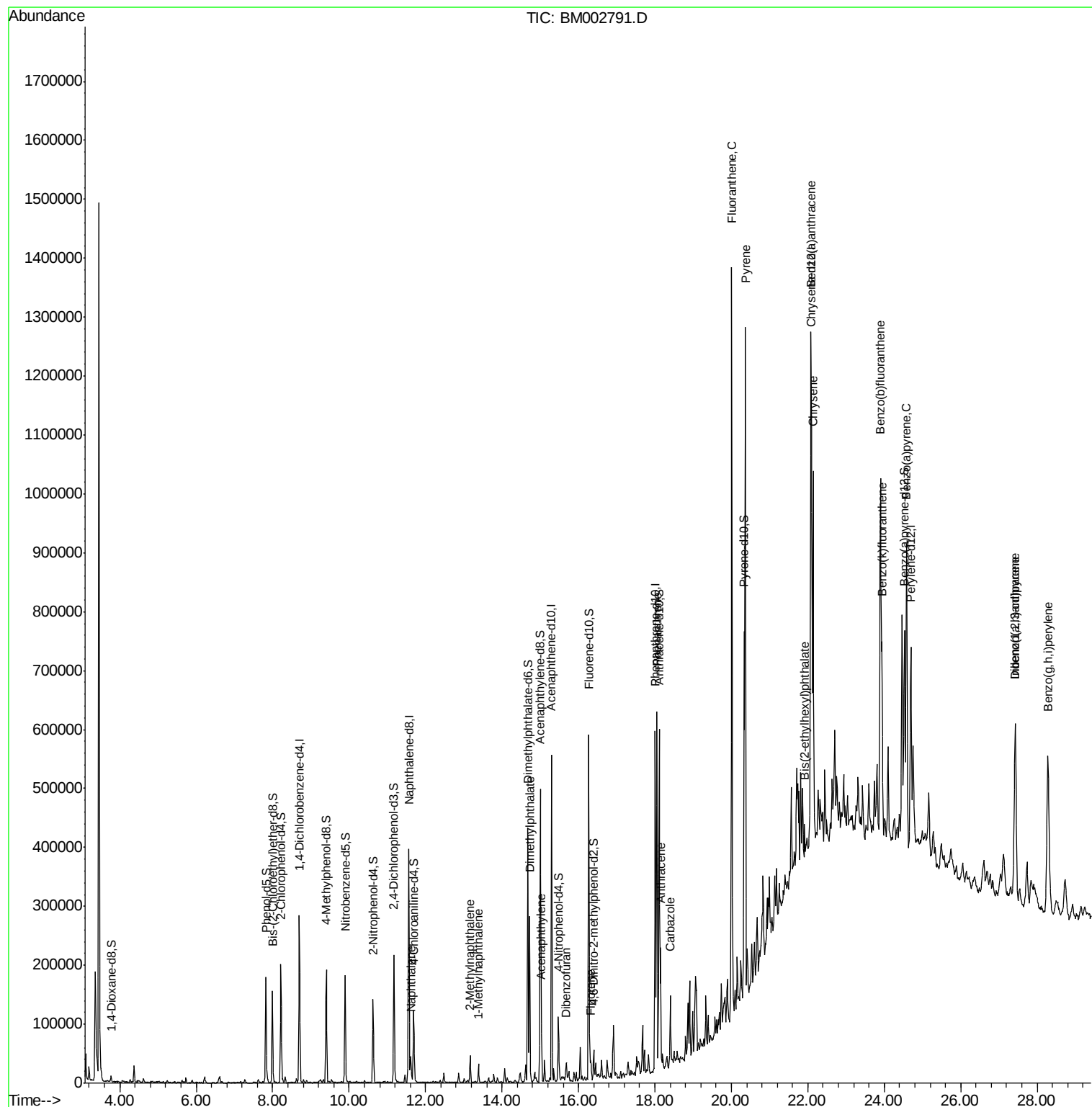
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002791.D
Acq On : 30 Sep 2015 20:47
Operator : UM/IZ
Sample : G3798-12
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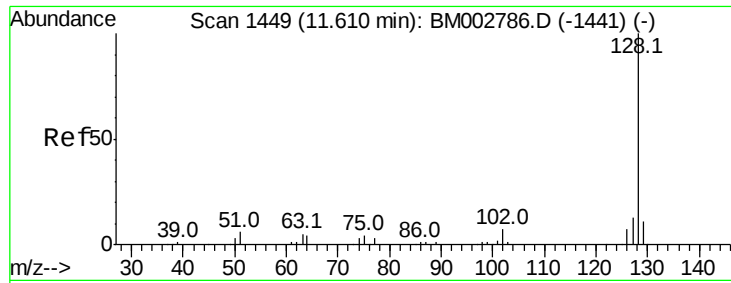
Instrument :
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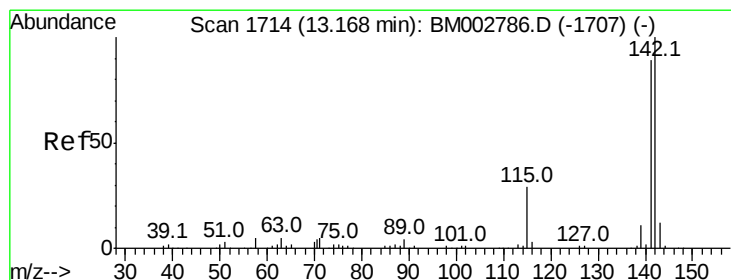
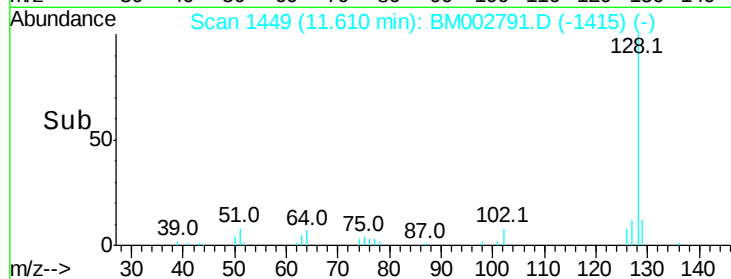
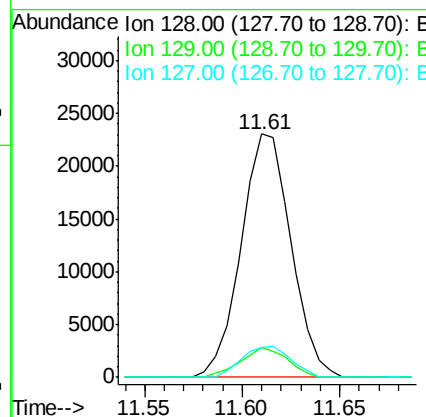
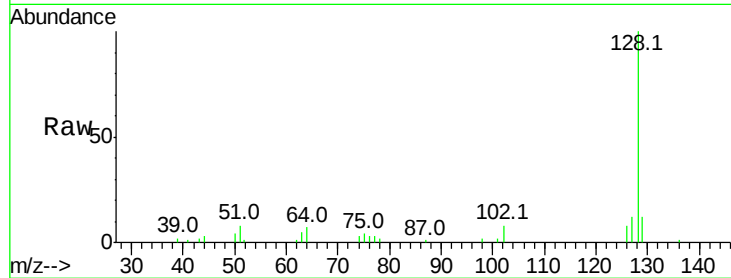
#28
Naphthalene
Concen: 2.10 ng/ul
RT: 11.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Instrument :
BNA_M
ClientSampleId :
D9G66

Tot Ion	Ratio	Resp	Lower	Upper
128	100	40802		
129	12.1		8.7	13.1
127	12.3		9.9	14.9

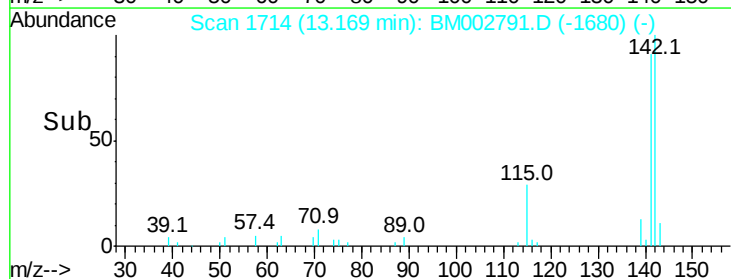
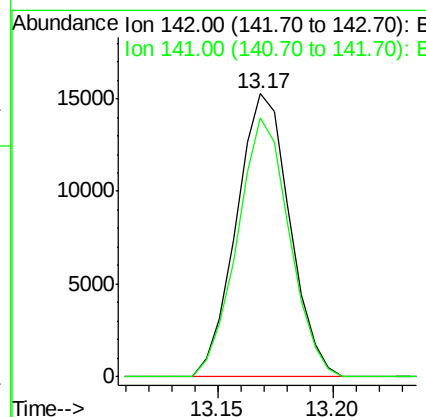
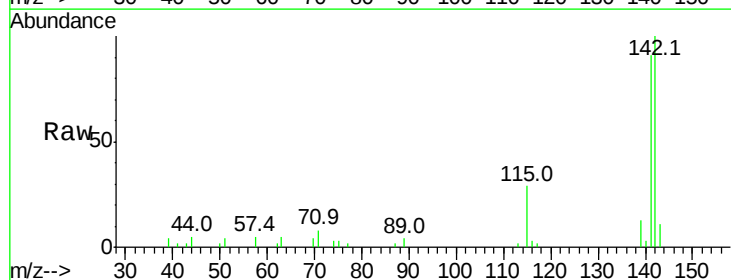
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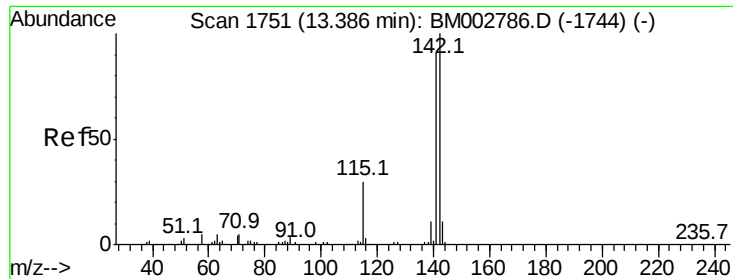
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#34
2-Methylnaphthalene
Concen: 1.82 ng/ul
RT: 13.17 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	24607		
141	91.3		71.2	106.8





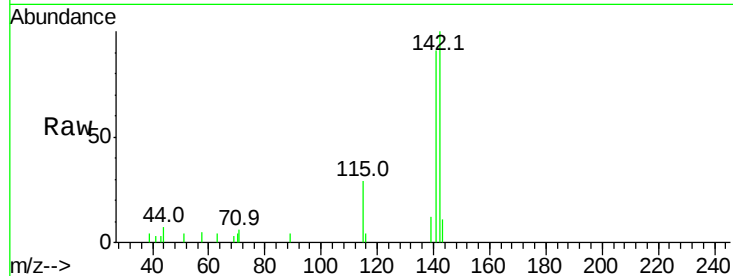
#35
 1-Methylnaphthalene
 Concen: 1.31 ng/ul
 RT: 13.39 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BM002791.D
 Acq: 30 Sep 2015 20:47

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

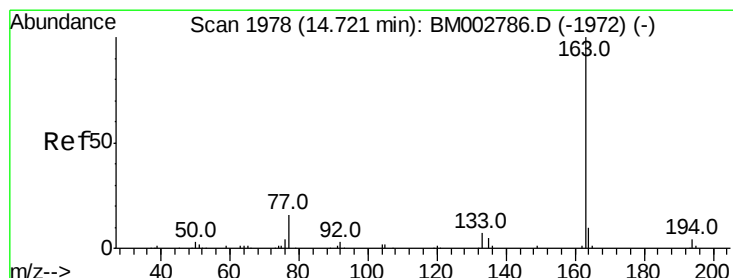
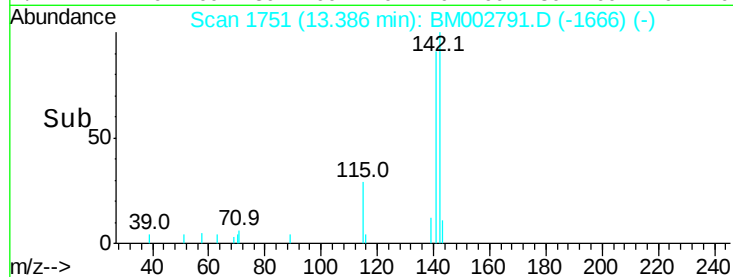
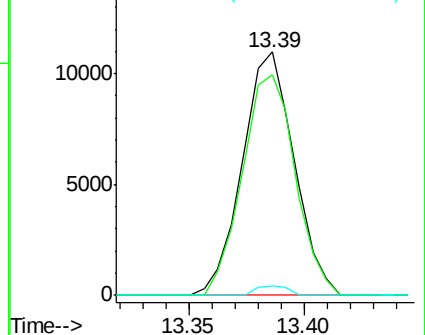
Tot Ion:	142	Resp:	17184
Ion Ratio	Lower	Upper	
142	100		
141	90.8	74.4	111.6
116	3.9	2.6	4.0

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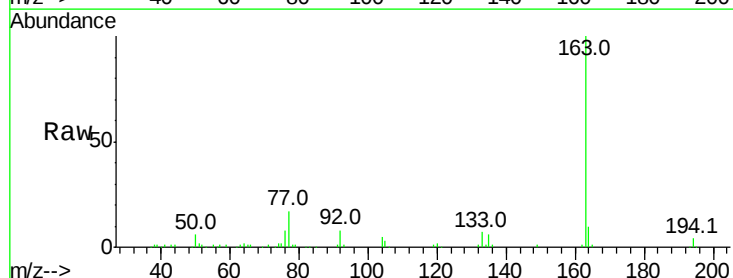


Abundance Ion 142.00 (141.70 to 142.70): E
 15000 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

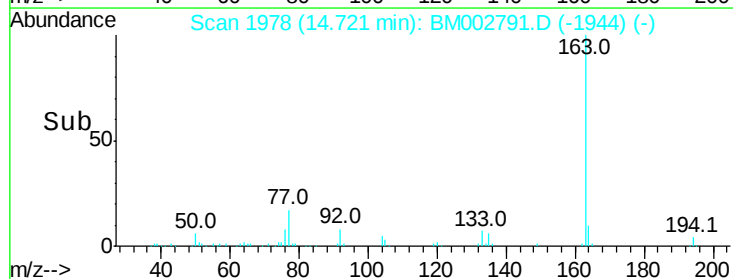
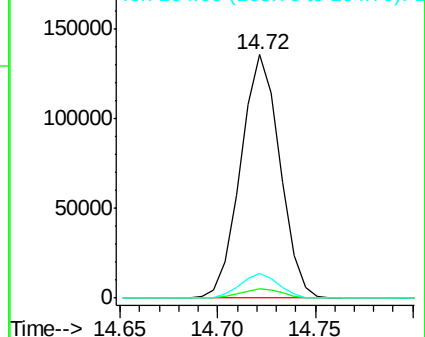


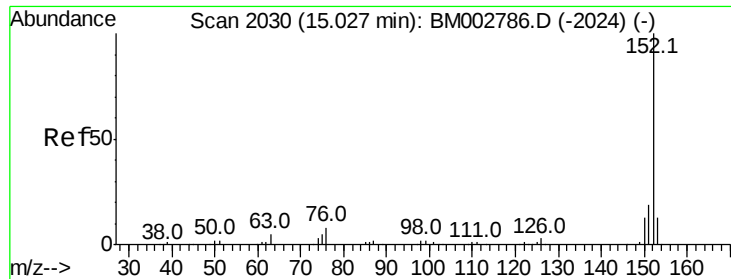
#45
 Dimethylphthalate
 Concen: 12.97 ng/ul
 RT: 14.72 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: BM002791.D
 Acq: 30 Sep 2015 20:47

Tgt Ion:	163	Resp:	188888
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.3	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
 150000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





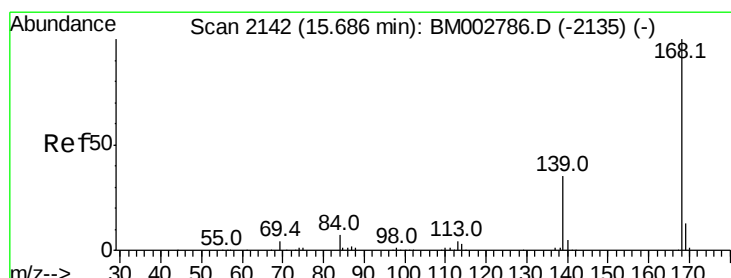
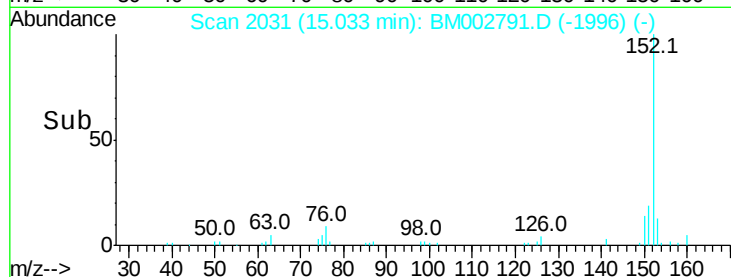
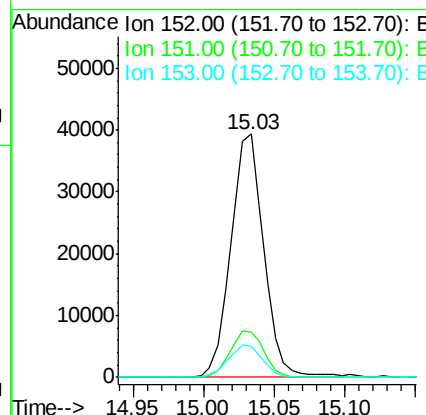
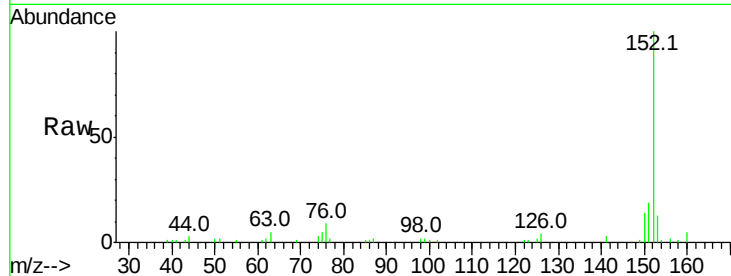
#48
Acenaphthylene
Concen: 3.17 ng/ul
RT: 15.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Instrument :
BNA_M
ClientSampled :
D9G66

Tot Ion	Ratio	Resp	Lower	Upper
152	100	63991		
151	18.8		15.6	23.4
153	12.9		10.4	15.6

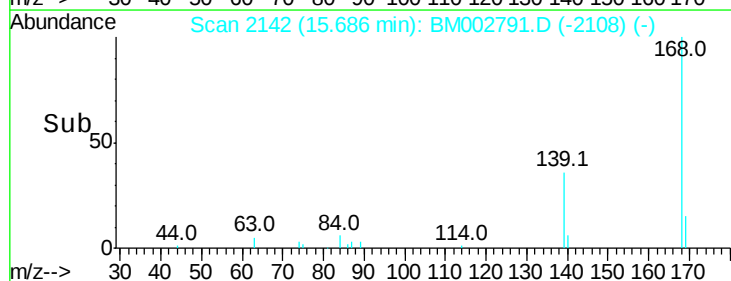
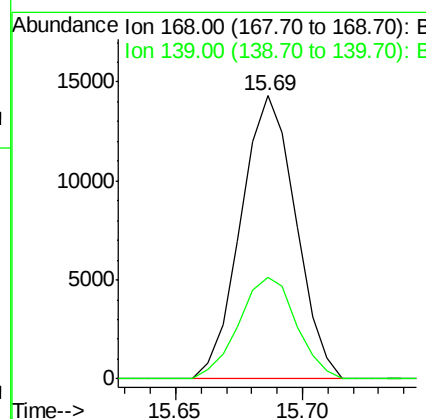
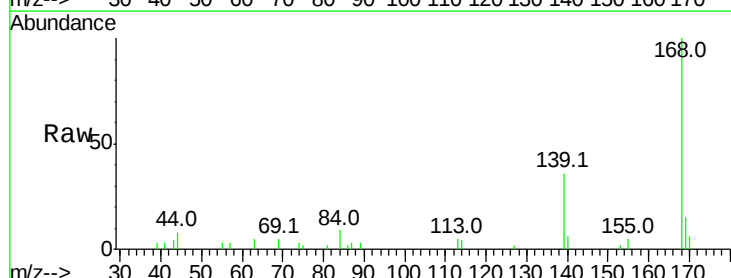
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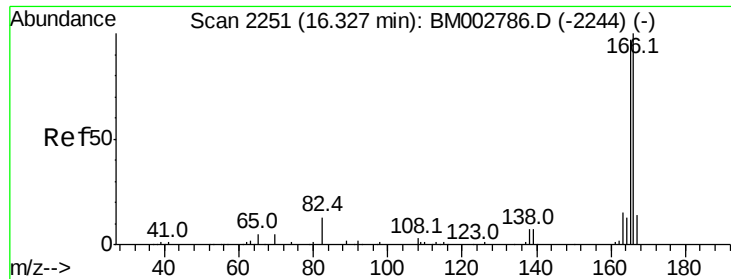
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#54
Dibenzofuran
Concen: 1.20 ng/ul
RT: 15.69 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	21591		
139	35.9		28.7	43.1





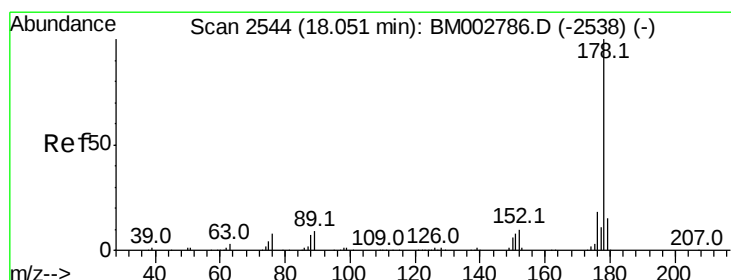
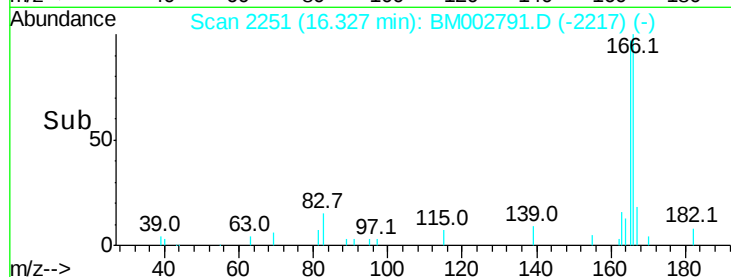
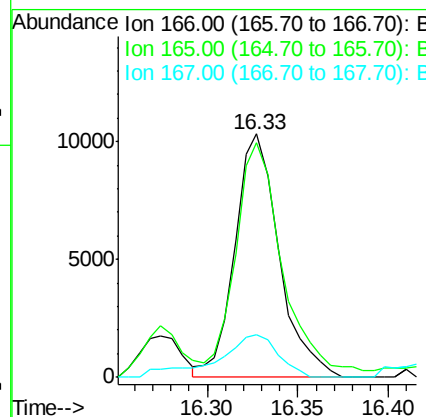
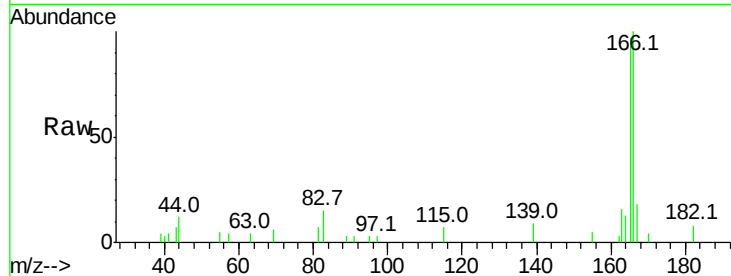
#59
Fluorene
 Concen: 1.19 ng/ul
 RT: 16.33 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BM002791.D
 Acq: 30 Sep 2015 20:47

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.0	117.0
167	17.7	10.6	16.0

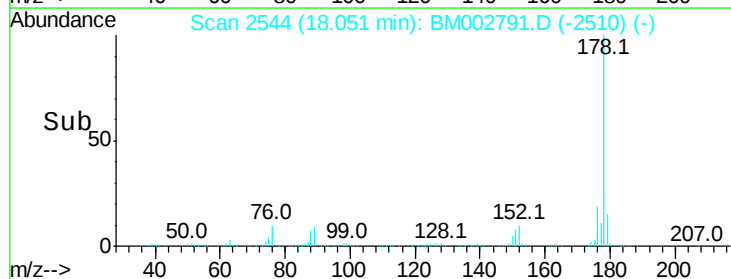
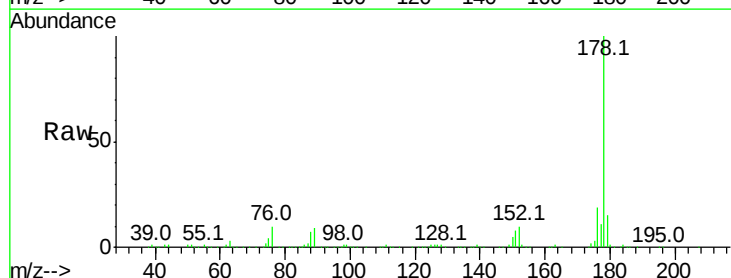
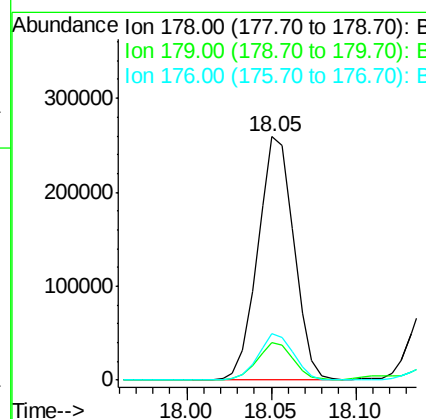
Manual Integrations
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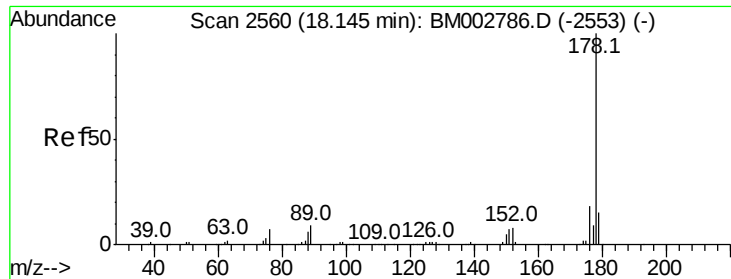
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#70
Phenanthrene
 Concen: 19.30 ng/ul
 RT: 18.05 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: BM002791.D
 Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.8	14.6	22.0





#72

Anthracene

Concen: 6.37 ng/ul

RT: 18.14 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM002791.D

Acq: 30 Sep 2015 20:47

Instrument :

BNA_M

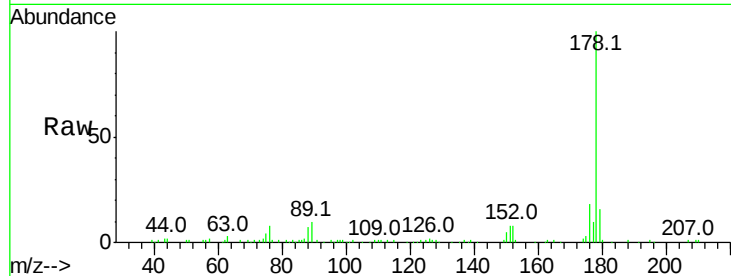
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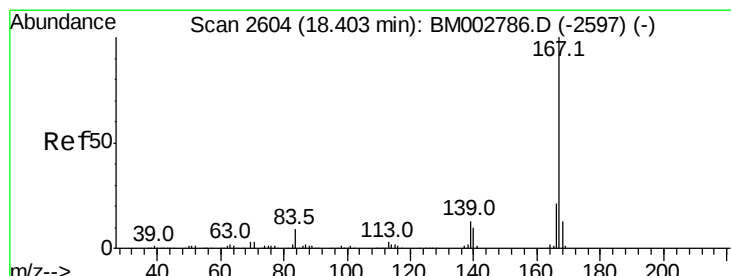
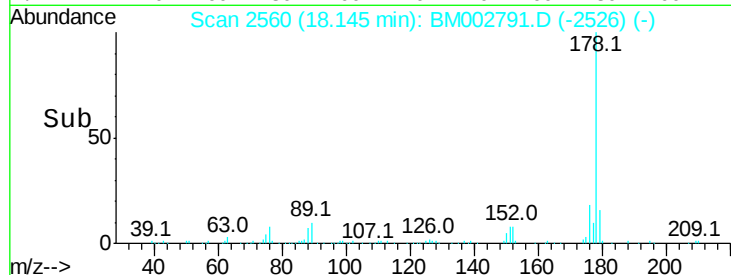
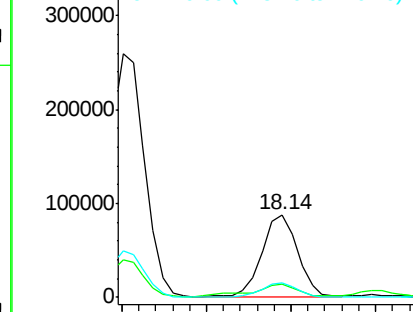
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	18.2	14.4	21.6

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 2.22 ng/ul

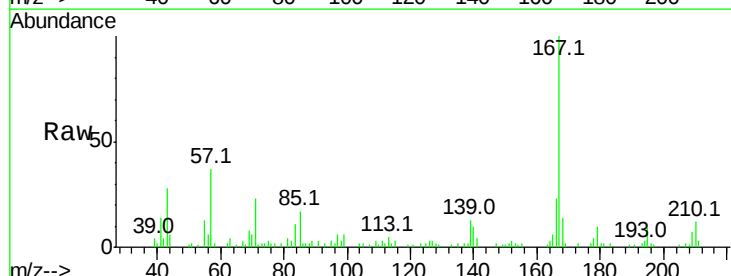
RT: 18.40 min Scan# 2604

Delta R.T. 0.00 min

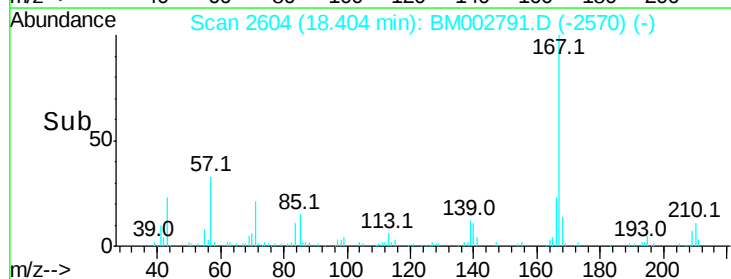
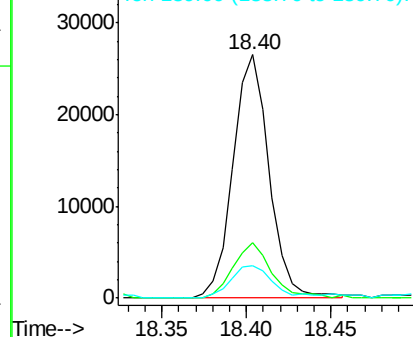
Lab File: BM002791.D

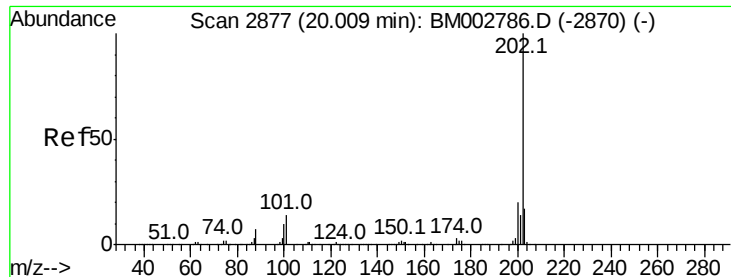
Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	16.8	25.2
139	13.4	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 36.34 ng/ul

RT: 20.01 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BM002791.D

Acq: 30 Sep 2015 20:47

Instrument :

BNA_M

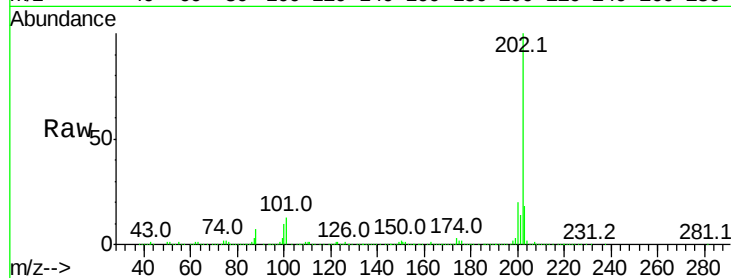
ClientSampleId :

D9G66

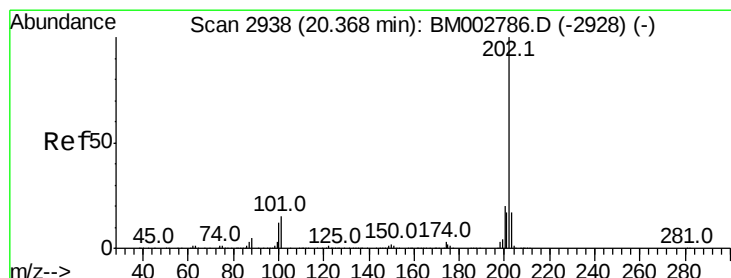
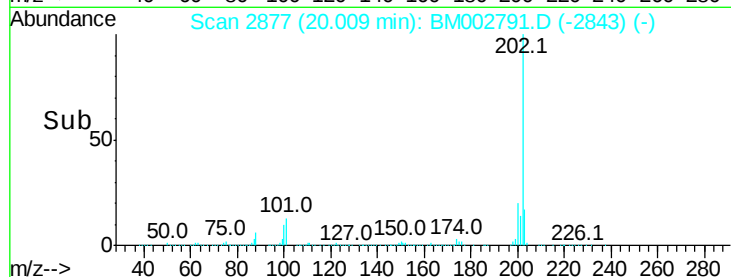
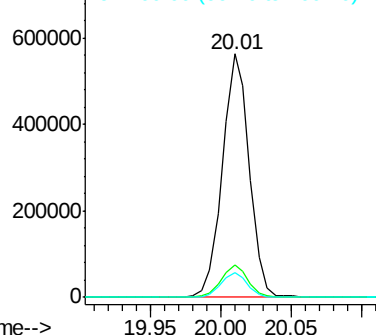
Tot Ion:	202	Resp:	749392
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.0	16.4
100	10.2	8.3	12.5

Manual Integrations
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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

Pyrene

Concen: 40.02 ng/ul

RT: 20.37 min Scan# 2938

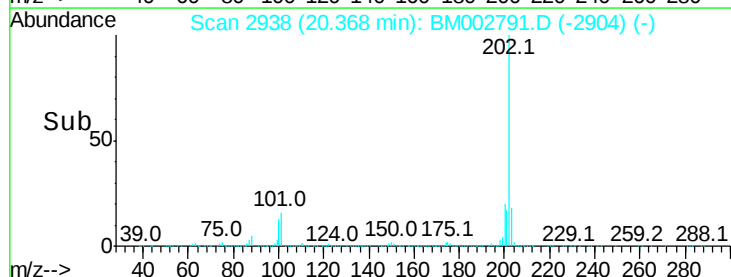
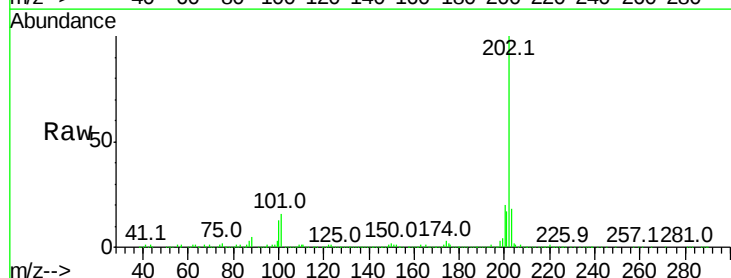
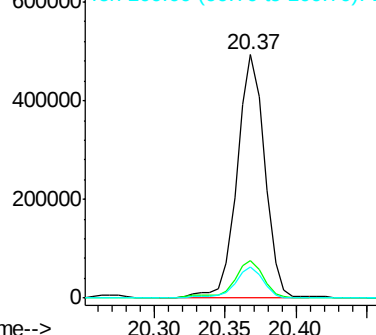
Delta R.T. 0.00 min

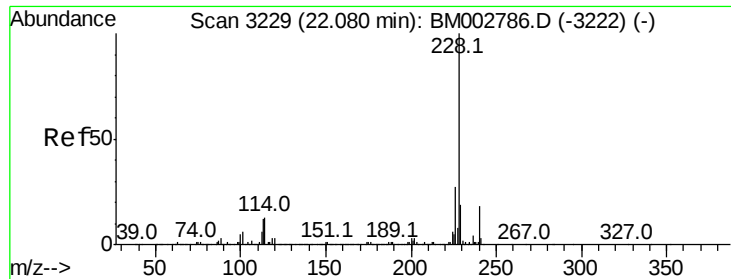
Lab File: BM002791.D

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Tgt Ion:	202	Resp:	680567
Ion Ratio	Lower	Upper	
202	100		
101	15.6	12.1	18.1
100	12.8	10.2	15.4

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





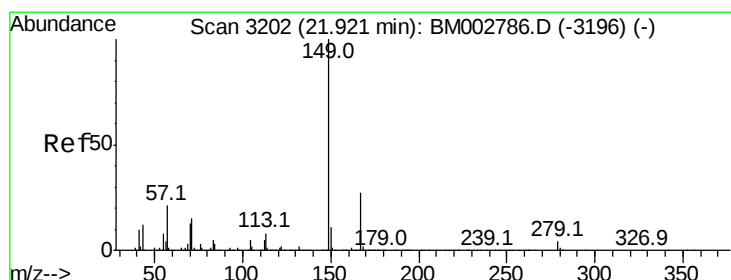
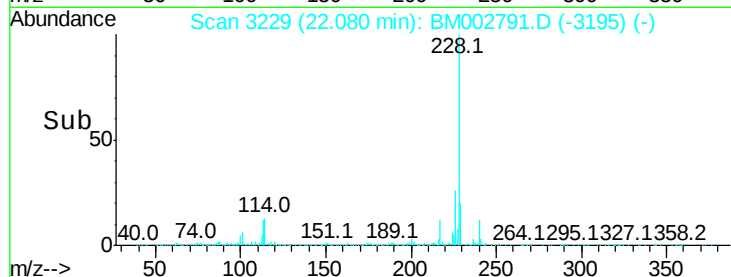
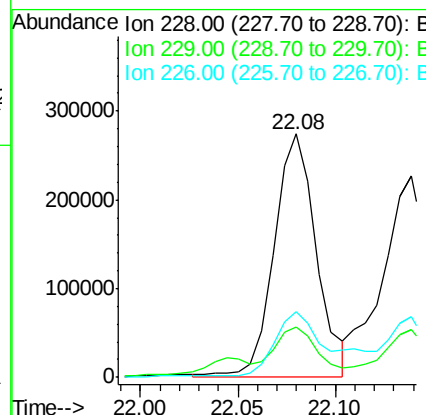
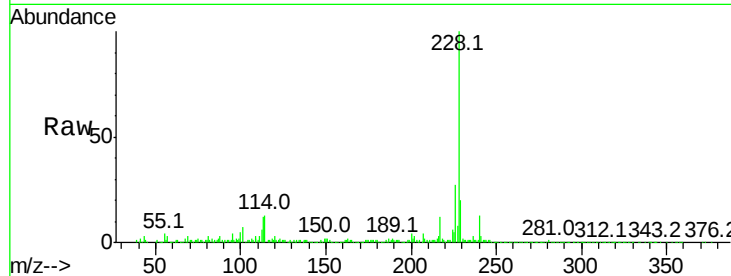
#83
Benzo(a)anthracene
Concen: 25.57 ng/ul
RT: 22.08 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Instrument :
BNA_M
ClientSampleId :
D9G66

Tot Ion	Ratio	Resp	Lower	Upper
228	100	406887		
229	20.5		16.1	24.1
226	26.9		20.9	31.3

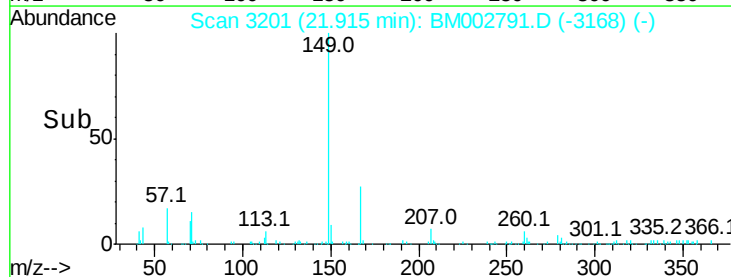
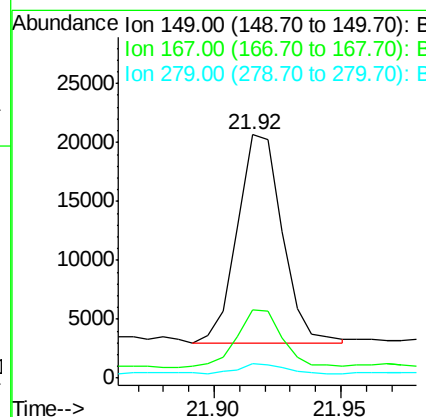
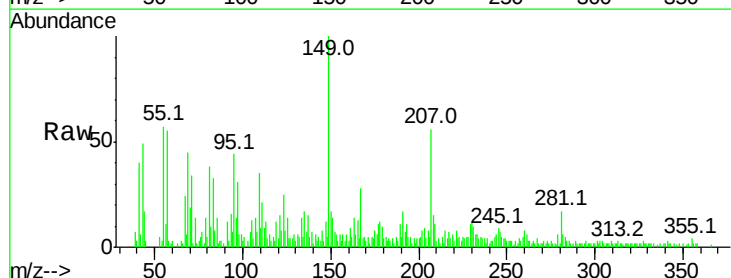
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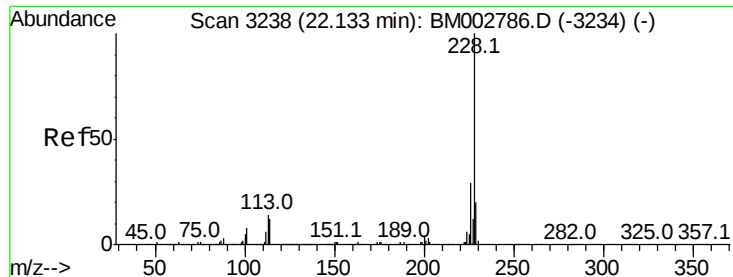
MMDadoda
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.91 ng/ul
RT: 21.92 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	21998		
167	28.1		21.7	32.5
279	5.8		3.0	4.6#





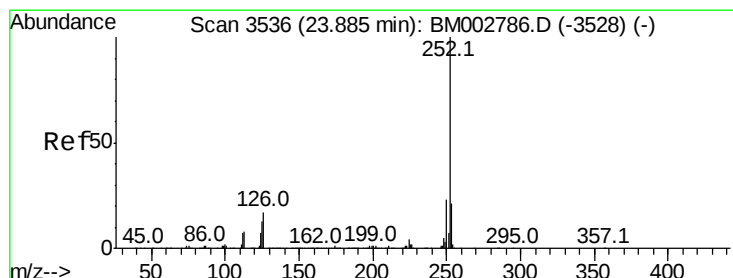
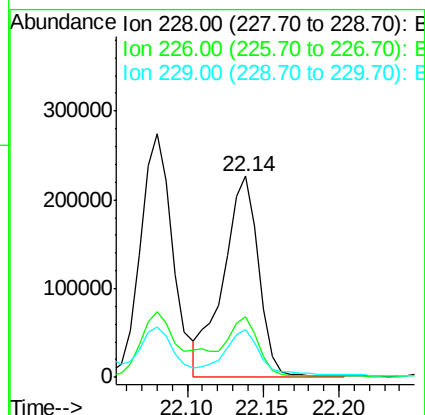
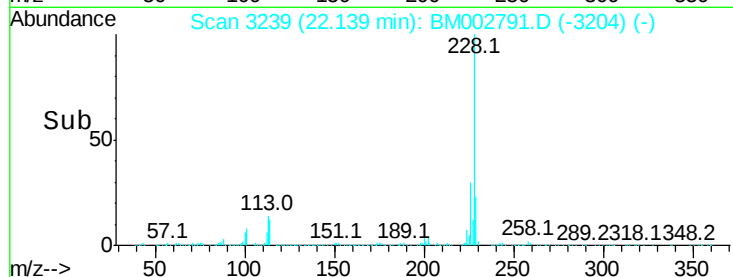
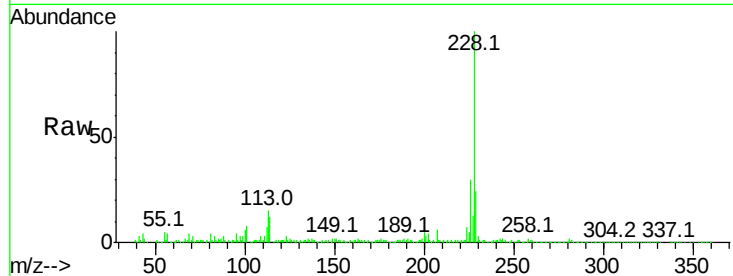
#85
Chrysene
Concen: 24.85 ng/ul m
RT: 22.14 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Instrument :
BNA_M
ClientSampleId :
D9G66

Tot Ion	Ratio	Resp	Lower	Upper
228	100	372964		
226	30.1		22.4	33.6
229	23.8		15.4	23.2#

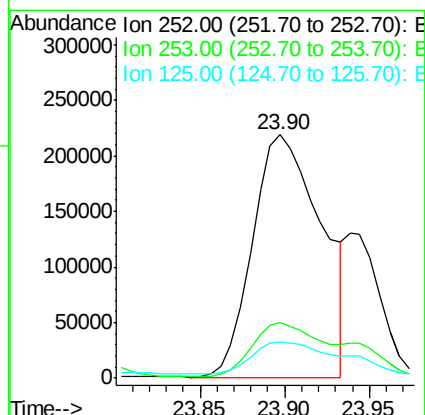
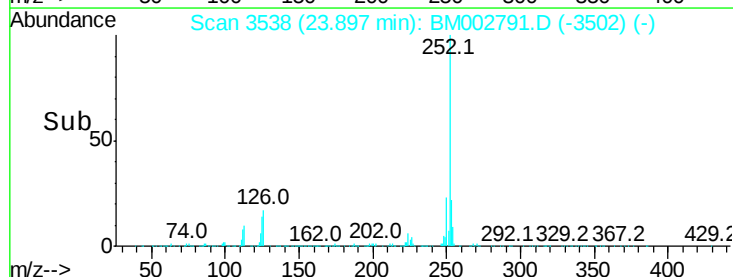
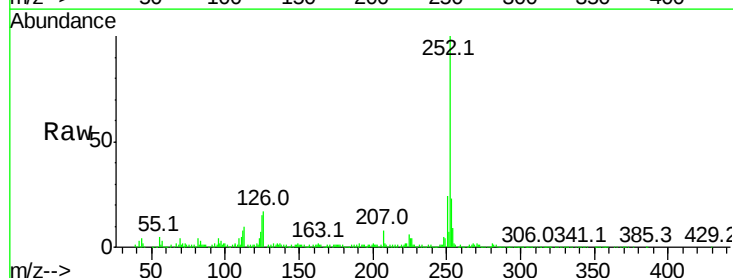
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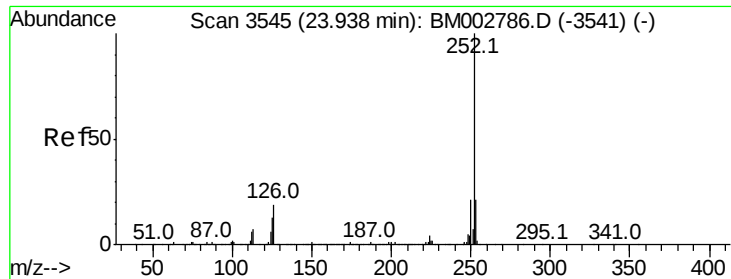
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#88
Benzo(b)fluoranthene
Concen: 36.12 ng/ul
RT: 23.90 min Scan# 3538
Delta R.T. 0.01 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	615335		
253	22.7		17.6	26.4
125	15.1		10.6	15.8





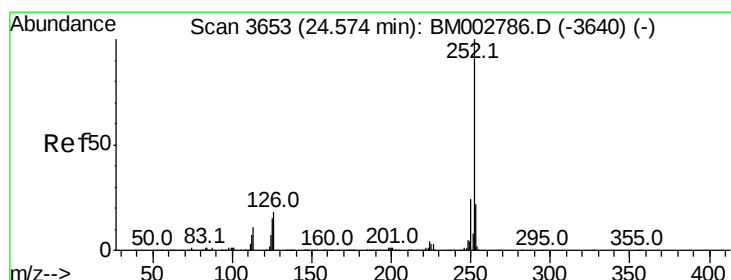
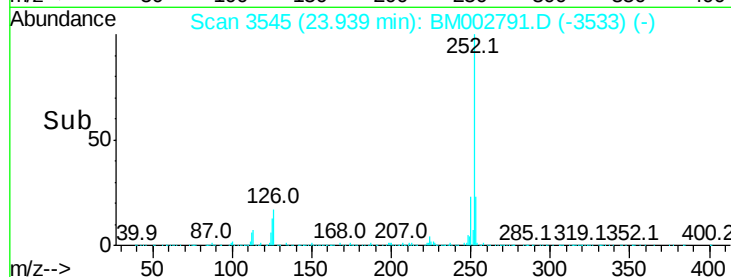
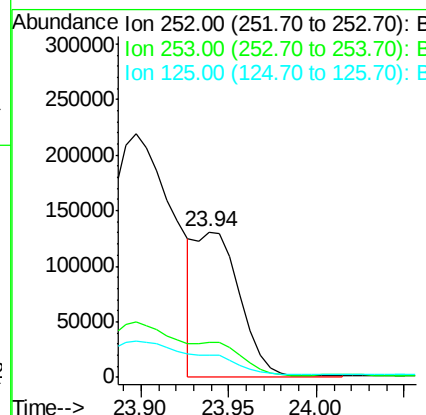
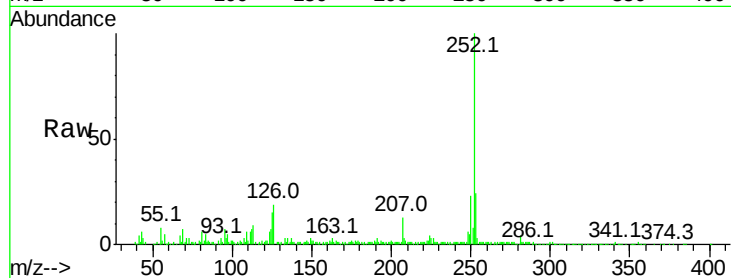
#89
Benzo(k)fluoranthene
Concen: 14.18 ng/ul m
RT: 23.94 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Instrument :
BNA_M
ClientSampled :
D9G66

Tot Ion	Ratio	Resp	Lower	Upper
252	100	228673		
253	24.3		17.3	25.9
125	15.4		10.0	15.0#

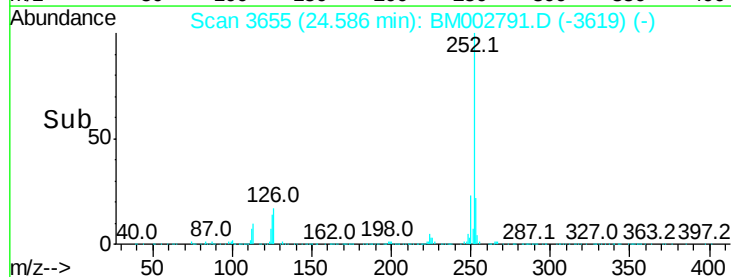
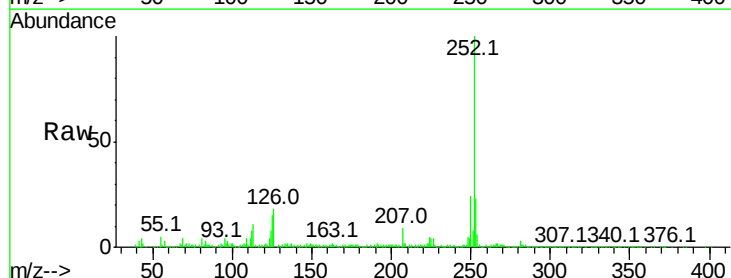
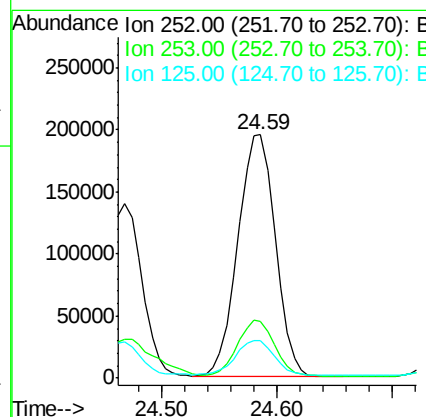
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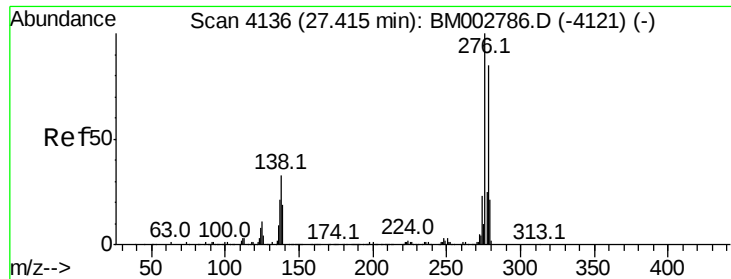
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#91
Benzo(a)pyrene
Concen: 26.99 ng/ul
RT: 24.59 min Scan# 3655
Delta R.T. 0.01 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	441624		
253	23.3		17.4	26.0
125	15.4		11.4	17.2





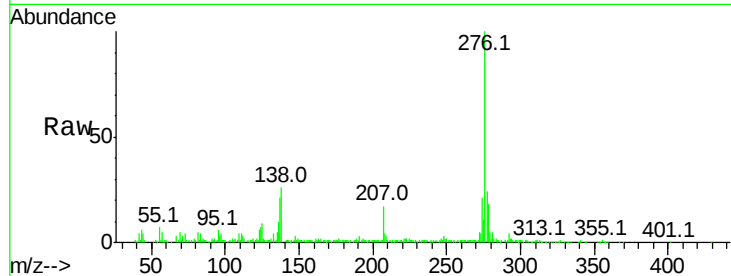
#92
Indeno(1,2,3-cd)pyrene
Concen: 17.84 ng/ul
RT: 27.43 min Scan# 4139
Delta R.T. 0.02 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Instrument :
BNA_M
ClientSampleId :
D9G66

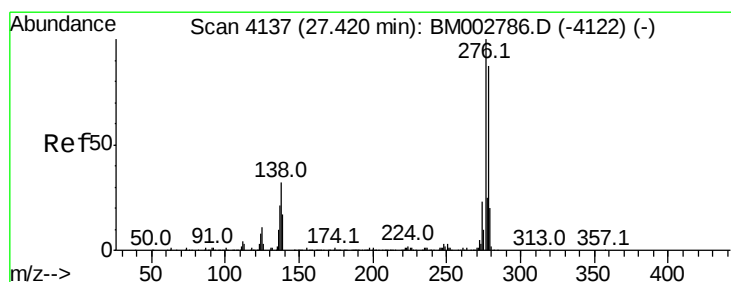
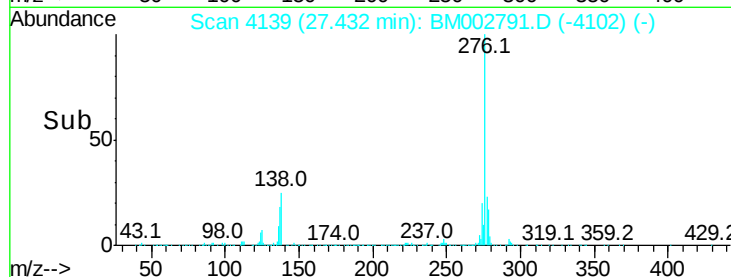
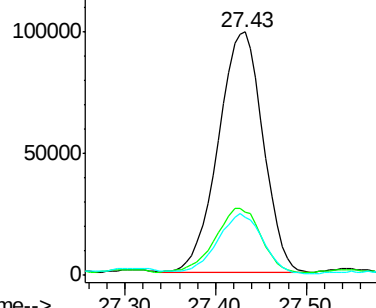
Tot Ion	Ratio	Resp	Lower	Upper
276	100	340517		
138	26.1		27.7	41.5#
277	23.8		20.2	30.4

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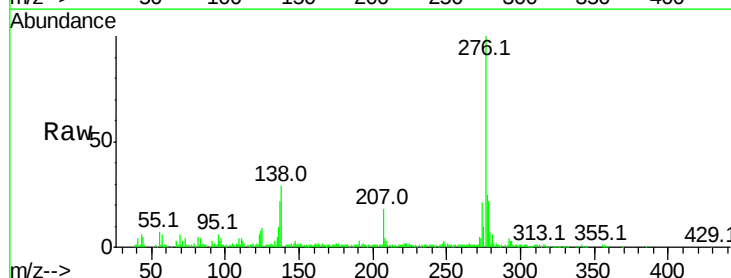


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

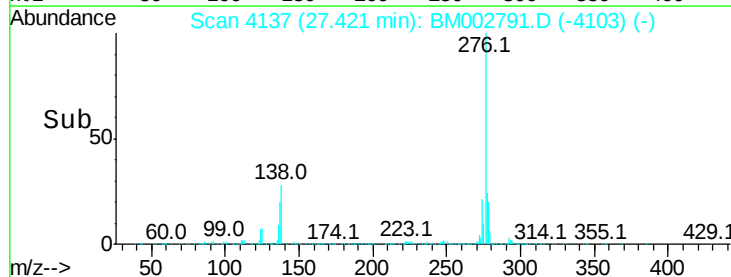
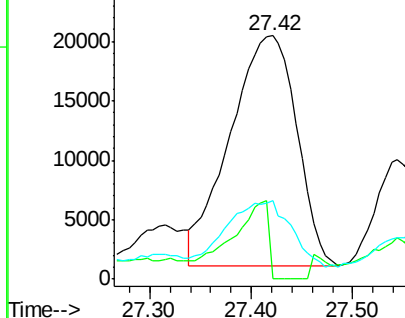


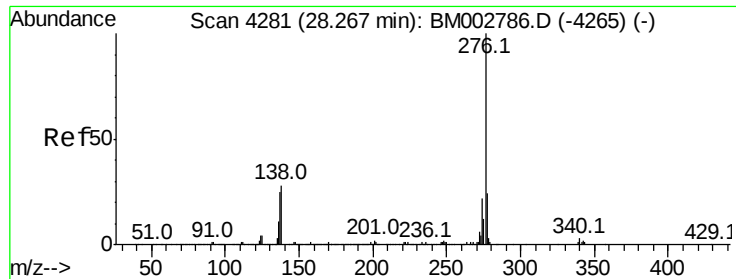
#93
Dibenzo(a,h)anthracene
Concen: 5.49 ng/ul
RT: 27.42 min Scan# 4137
Delta R.T. 0.00 min
Lab File: BM002791.D
Acq: 30 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	88471		
139	0.0		17.0	25.6#
279	32.3		19.0	28.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94
 Benzo(a,h,i)perylene
 Concen: 19.72 ng/ul
 RT: 28.28 min Scan# 4283
 Delta R.T. 0.01 min
 Lab File: BM002791.D
 Acq: 30 Sep 2015 20:47

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Tot Ion	Ratio	Resp	Lower	Upper
276	100	317011		
138	28.7		21.8	32.8
277	24.8		18.9	28.3

Manual Integrations
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