

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002790.D
 Acq On : 30 Sep 2015 20:10
 Operator : UM/IZ
 Sample : G3798-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G65

Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:42:46 PM

Quant Time: Oct 01 08:08:24 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	64594	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	261157	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	125973	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	248507	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	258987	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	273863	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	2931	2.11	ng/uL	0.00
5) Phenol-d5	7.82	99	48038	9.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	35723	12.97	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	53596	11.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	34390	8.52	ng/ul	0.00
19) Nitrobenzene-d5	9.90	128	26324	13.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	26686	12.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	41398m	11.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	38051	8.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	133611	14.10	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	179322	14.18	ng/ul	0.00
52) 4-Nitrophenol-d4	15.48	143	8637	5.13	ng/ul	0.00
58) Fluorene-d10	16.27	176	120576	14.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	2980	2.46	ng/ul	0.00
71) Anthracene-d10	18.11	188	172170	14.52	ng/ul	0.00
79) Pyrene-d10	20.34	212	176056	14.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.52	264	199126	14.21	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.72	163	57317	5.95	ng/ul	100
48) Acenaphthylene	15.03	152	23342	1.75	ng/ul	100
70) Phenanthrene	18.05	178	106614	7.42	ng/ul	99
72) Anthracene	18.14	178	44143	3.02	ng/ul	99
77) Fluoranthene	20.01	202	337560	22.74	ng/ul	98
80) Pyrene	20.37	202	316516	19.24	ng/ul	99
83) Benzo(a)anthracene	22.08	228	209608	13.62	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.92	149	12666	1.14	ng/ul#	92
85) Chrysene	22.14	228	188810	13.00	ng/ul	95
88) Benzo(b)fluoranthene	23.90	252	302944	18.41	ng/ul	97
89) Benzo(k)fluoranthene	23.94	252	107974m	6.93	ng/ul	
91) Benzo(a)pyrene	24.58	252	215690	13.65	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.42	276	163111	8.85	ng/ul	93
93) Dibenzo(a,h)anthracene	27.41	278	42644	2.74	ng/ul#	72
94) Benzo(g,h,i)perylene	28.27	276	143704	9.26	ng/ul	94

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

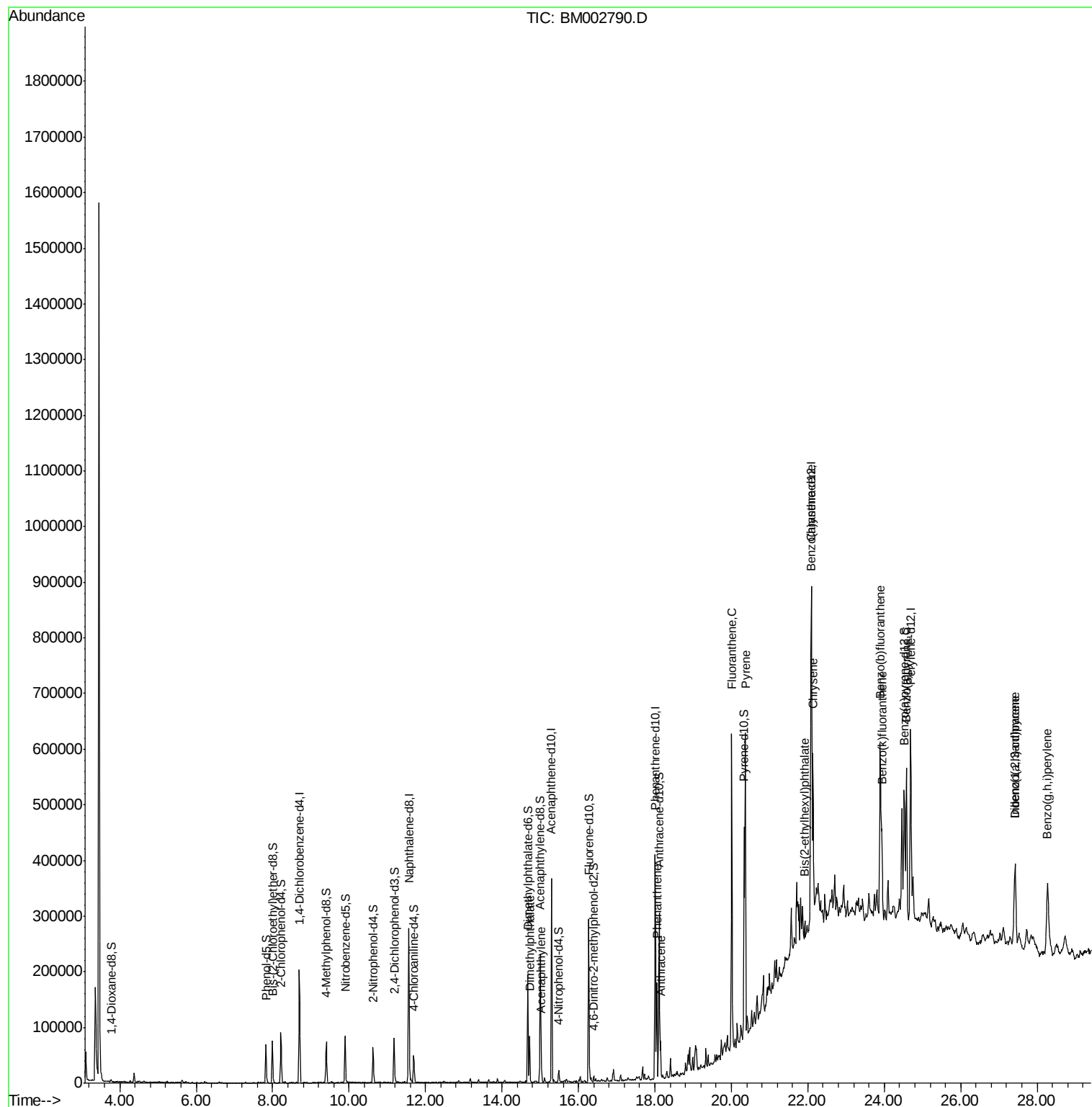
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002790.D
Acq On : 30 Sep 2015 20:10
Operator : UM/IZ
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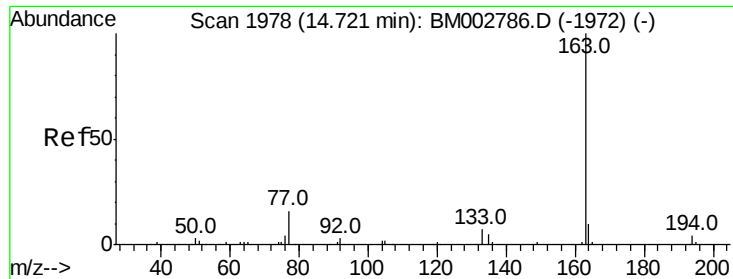
Instrument :
BNA_M
ClientSampleId :
D9G65

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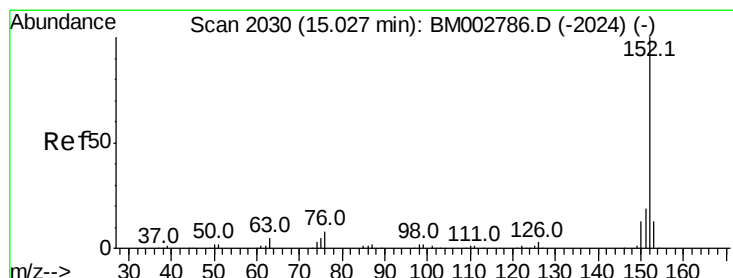
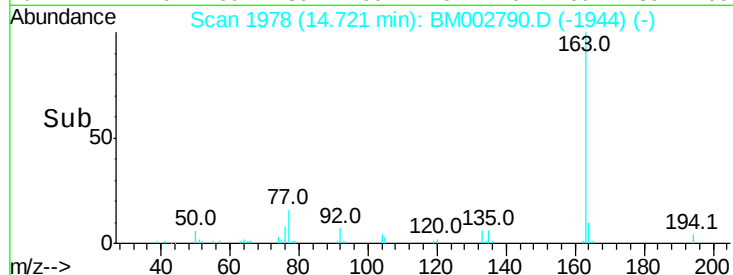
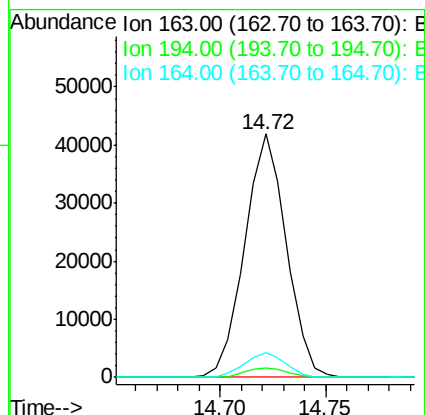
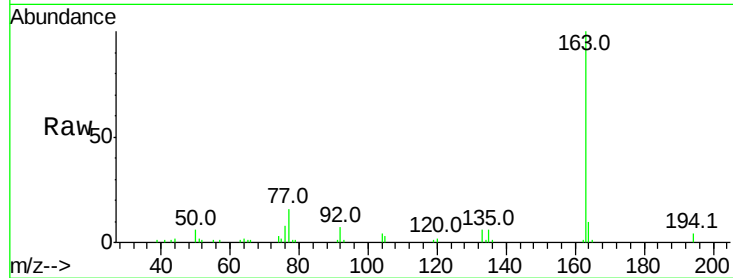
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Dimethylphthalate
Concen: 5.95 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Instrument :
BNA_M
ClientSampled :
D9G65

Tot Ion	Ratio	Resp	Lower	Upper
163	100	57317		
194	4.0		3.2	4.8
164	9.9		8.1	12.1

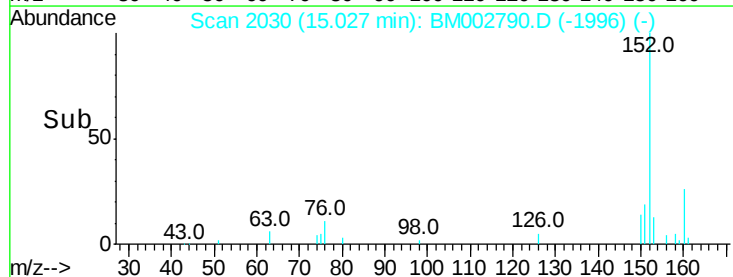
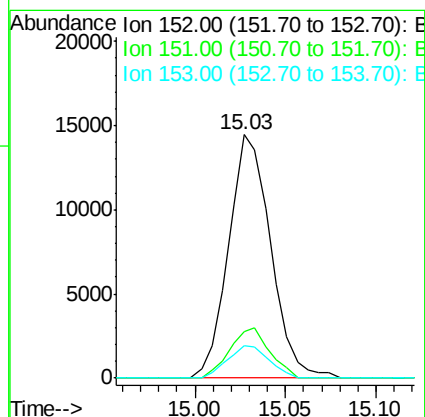
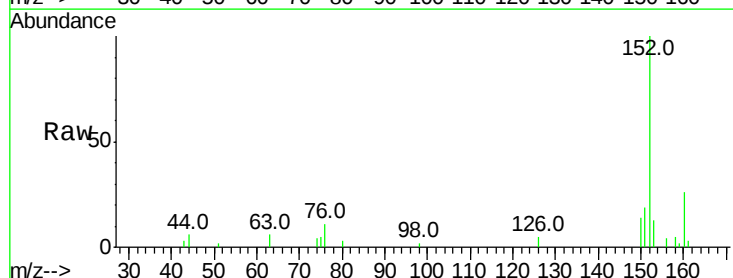
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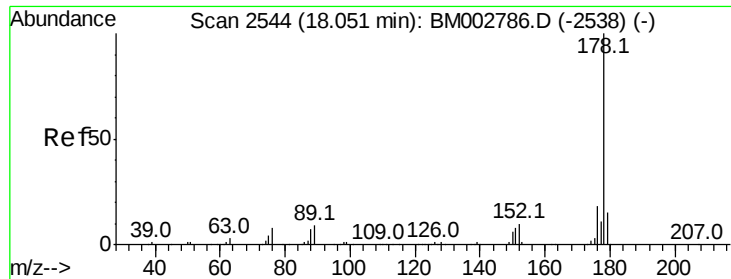
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#48
Acenaphthylene
Concen: 1.75 ng/ul
RT: 15.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	23342		
151	19.3		15.6	23.4
153	13.3		10.4	15.6





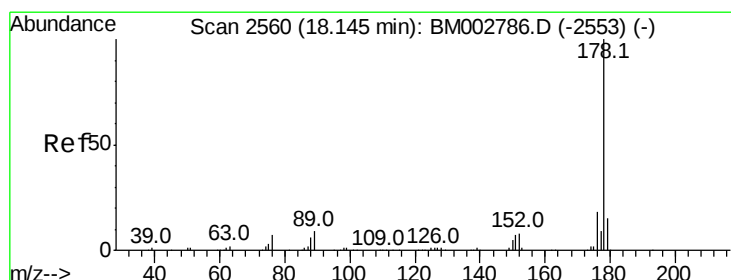
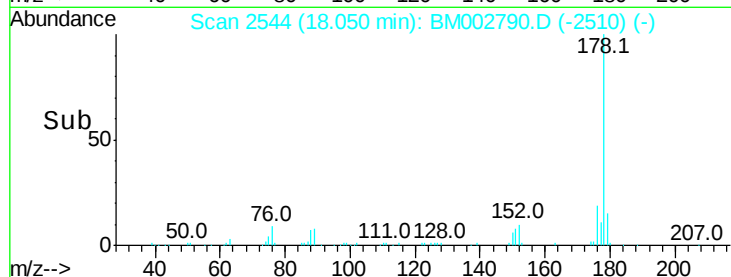
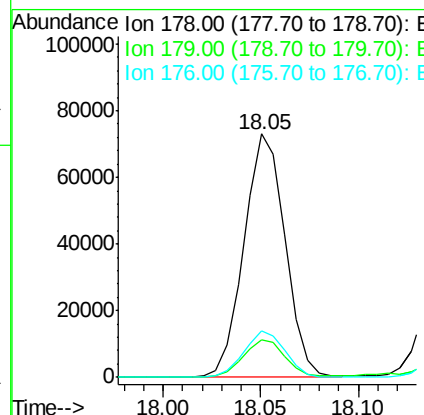
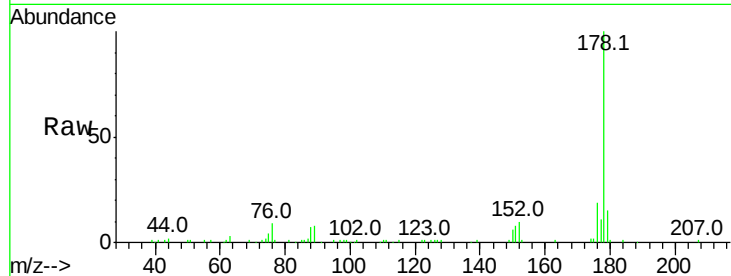
#70
Phenanthrene
Concen: 7.42 ng/ul
RT: 18.05 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Instrument :
BNA_M
ClientSampleId :
D9G65

Tot Ion	Ratio	Resp	Lower	Upper
178	100	106614		
179	15.5		12.0	18.0
176	18.9		14.6	22.0

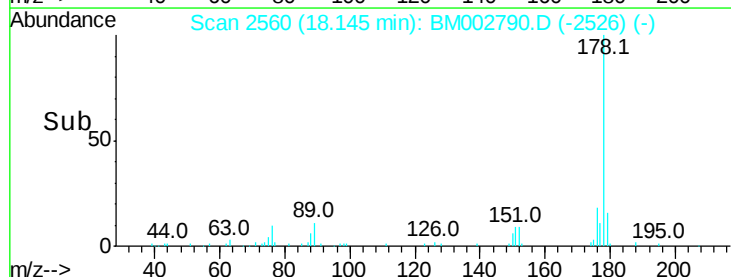
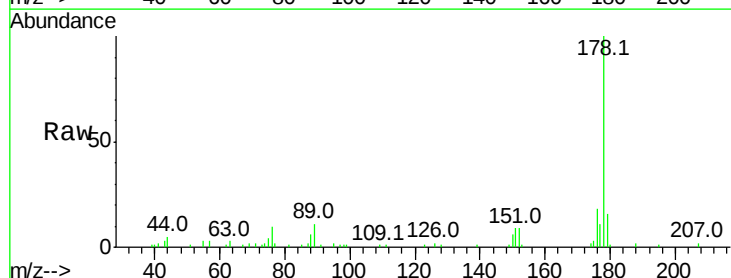
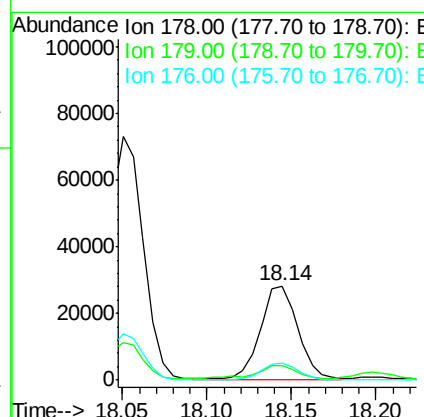
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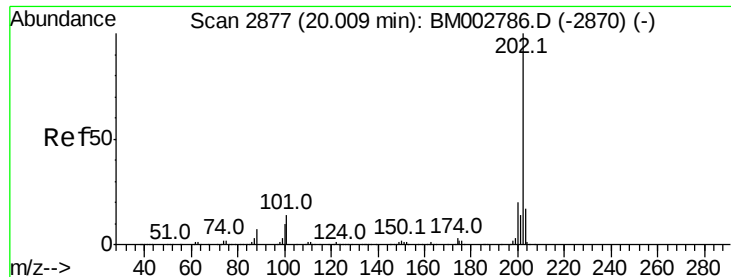
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#72
Anthracene
Concen: 3.02 ng/ul
RT: 18.14 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	44143		
179	15.7		11.9	17.9
176	18.2		14.4	21.6





#77

Fluoranthene

Concen: 22.74 ng/ul

RT: 20.01 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BM002790.D

Acq: 30 Sep 2015 20:10

Instrument :

BNA_M

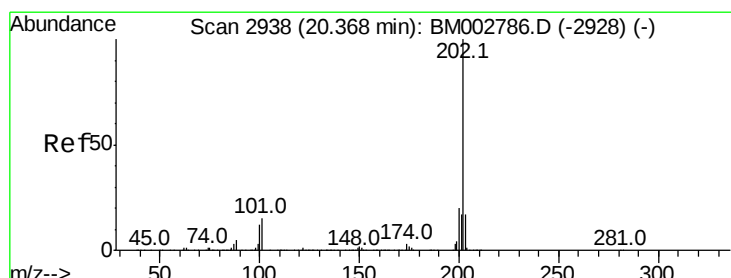
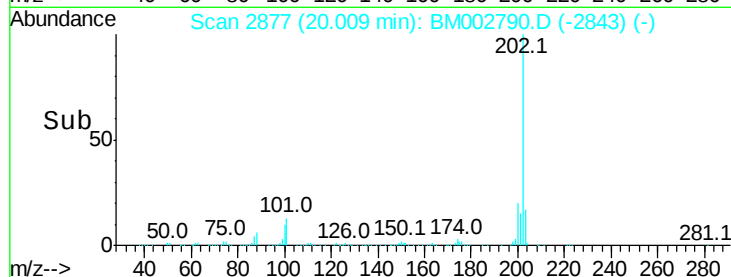
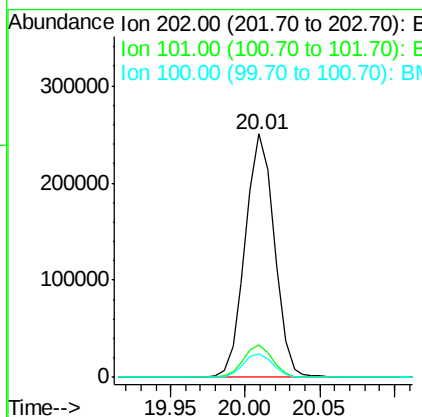
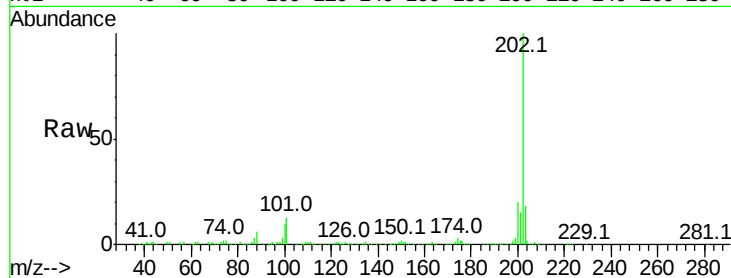
ClientSampleId :

D9G65

Tot Ion:	202	Resp:	337560
Ion Ratio	Lower	Upper	
202	100		
101	13.1	11.0	16.4
100	9.7	8.3	12.5

Manual Integrations
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#80

Pyrene

Concen: 19.24 ng/ul

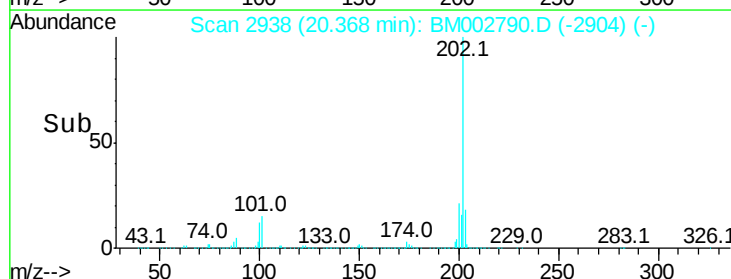
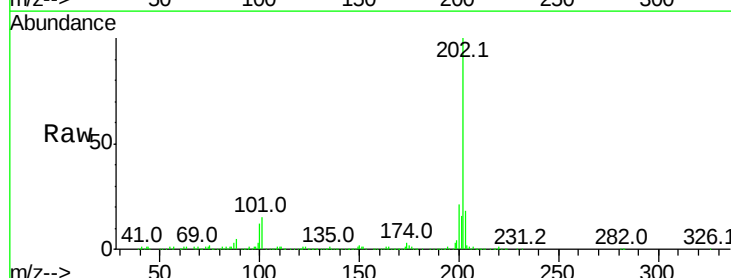
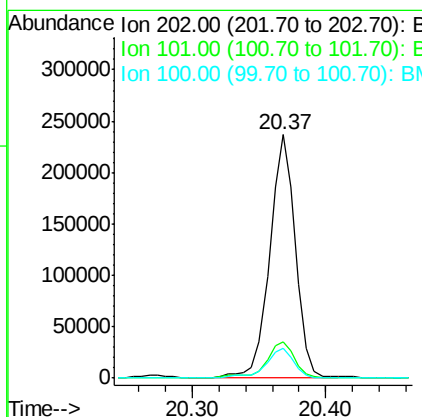
RT: 20.37 min Scan# 2938

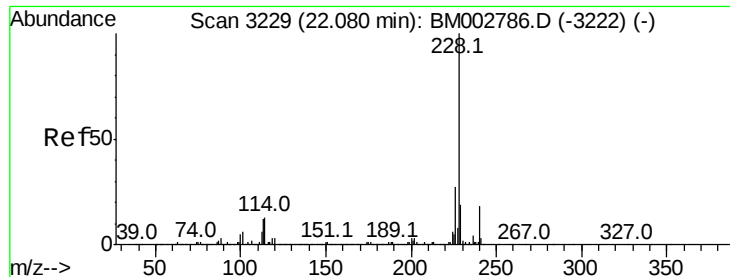
Delta R.T. -0.00 min

Lab File: BM002790.D

Acq: 30 Sep 2015 20:10

Tgt Ion:	202	Resp:	316516
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.1	18.1
100	12.4	10.2	15.4





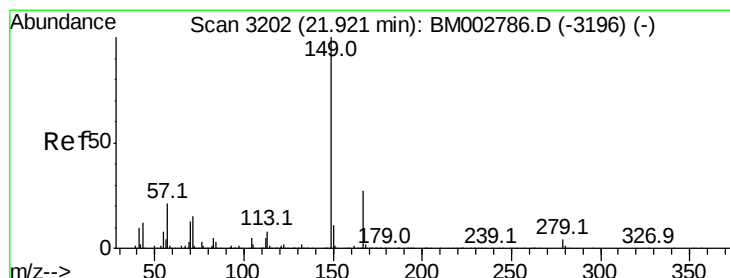
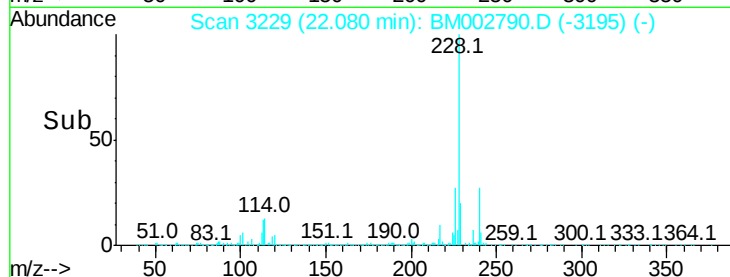
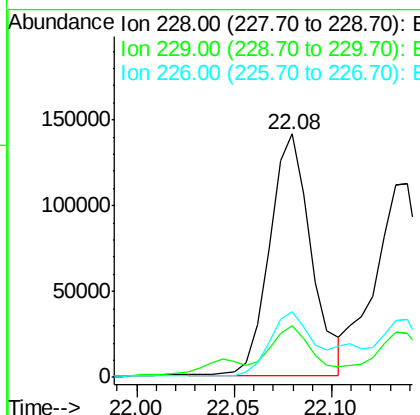
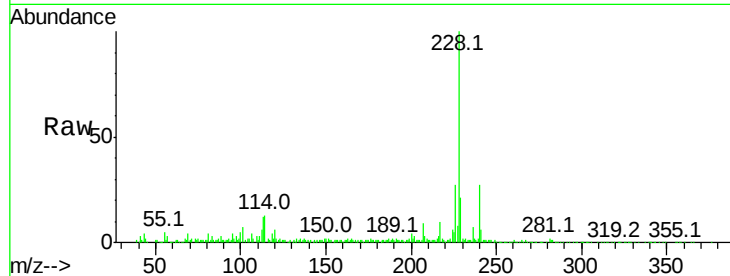
#83
Benzo(a)anthracene
Concen: 13.62 ng/ul
RT: 22.08 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Instrument :
BNA_M
ClientSampleId :
D9G65

Tot Ion	Ratio	Resp	Lower	Upper
228	100	209608		
229	21.0		16.1	24.1
226	27.2		20.9	31.3

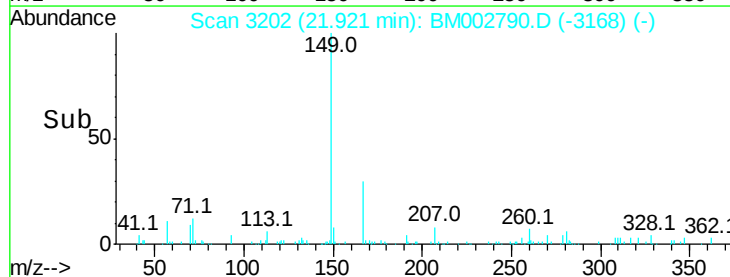
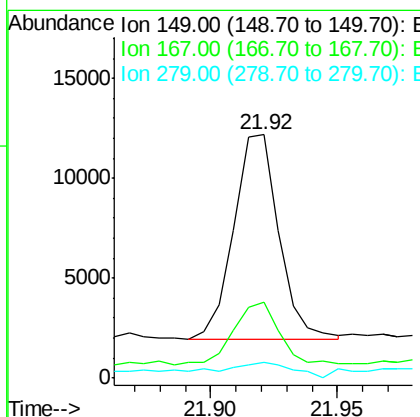
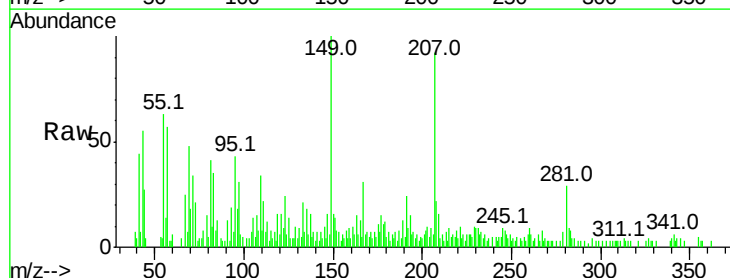
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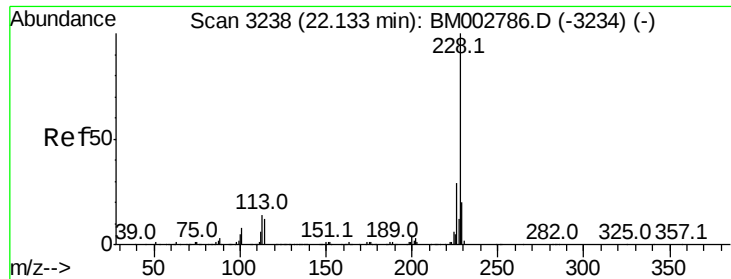
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.14 ng/ul
RT: 21.92 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	12666		
167	31.1		21.7	32.5
279	6.5		3.0	4.6#





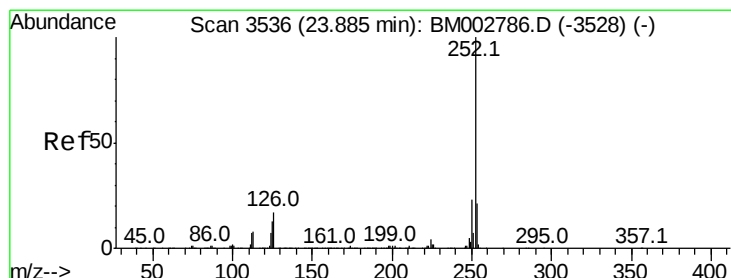
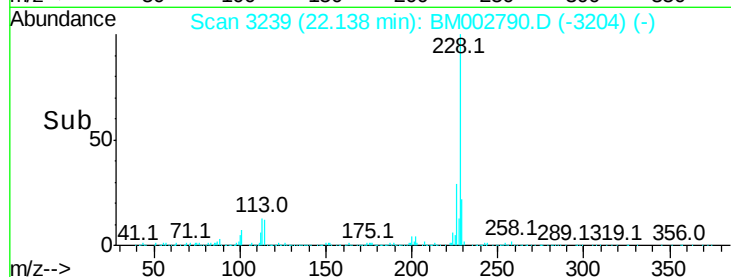
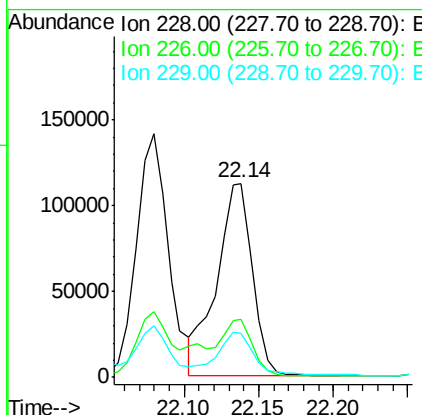
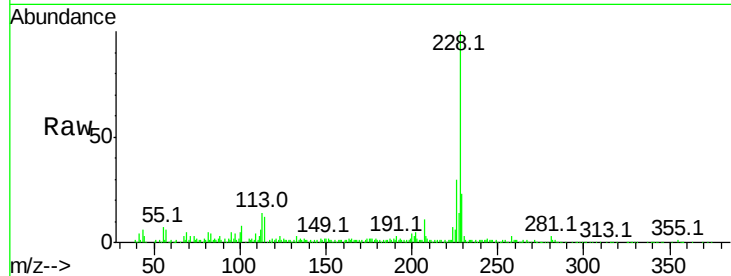
#85
Chrysene
Concen: 13.00 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Instrument :
BNA_M
ClientSampleId :
D9G65

Tot Ion	Ratio	Resp	Lower	Upper
228	100	188810		
226	29.7		22.4	33.6
229	22.8		15.4	23.2

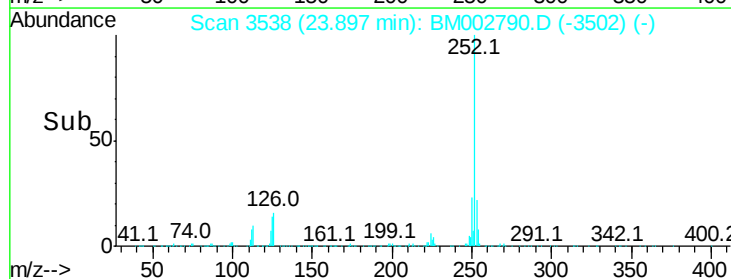
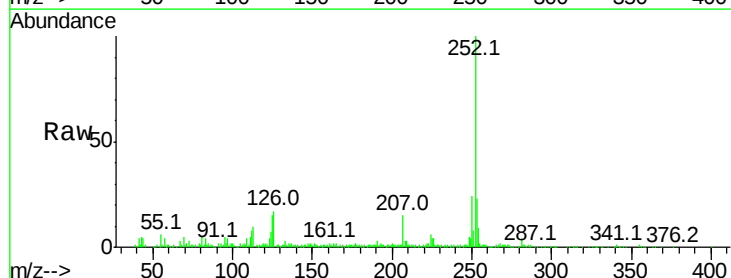
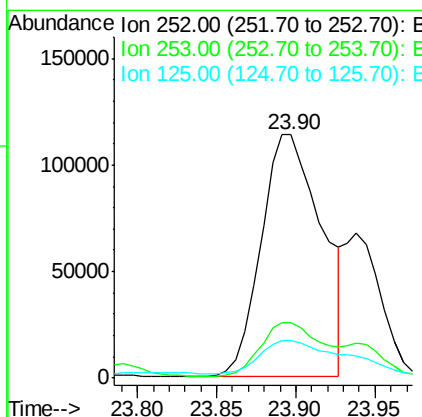
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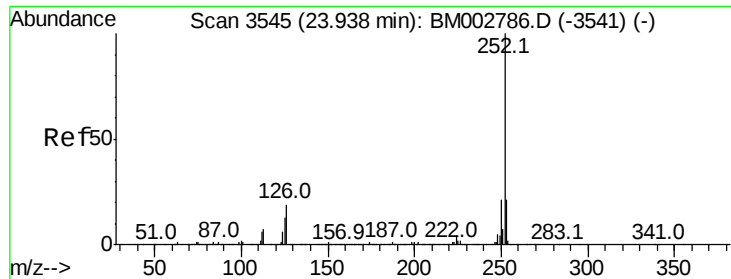
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#88
Benzo(b)fluoranthene
Concen: 18.41 ng/ul
RT: 23.90 min Scan# 3538
Delta R.T. 0.01 min
Lab File: BM002790.D
Acq: 30 Sep 2015 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	302944		
253	22.6		17.6	26.4
125	15.4		10.6	15.8





#89

Benzo(k)fluoranthene

Concen: 6.93 ng/ul m

RT: 23.94 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BM002790.D

Acq: 30 Sep 2015 20:10

Instrument :

BNA_M

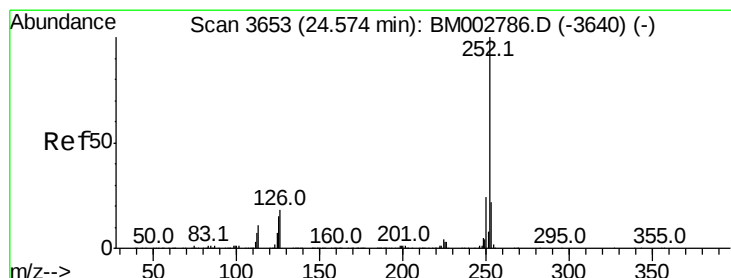
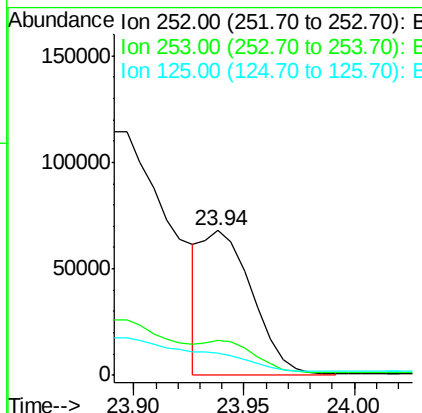
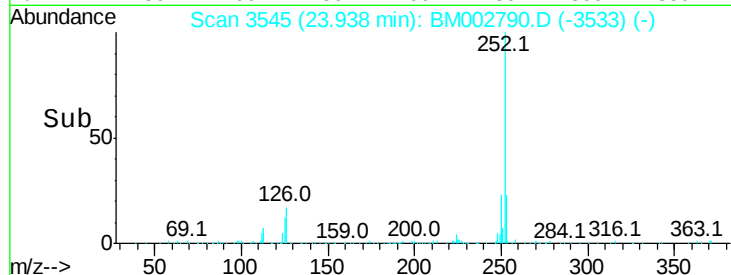
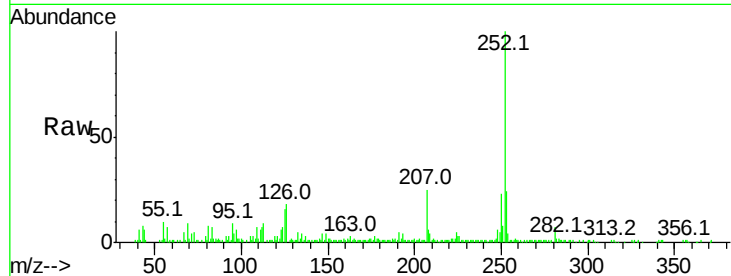
ClientSampleId :

D9G65

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	15.7	10.0	15.0

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 13.65 ng/ul

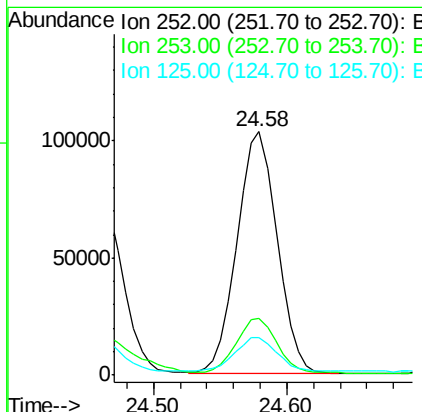
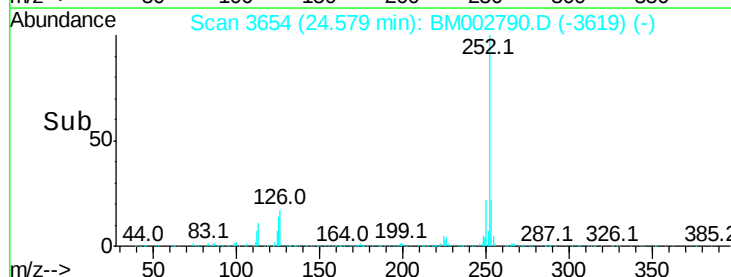
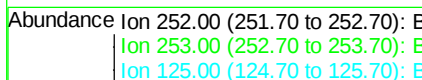
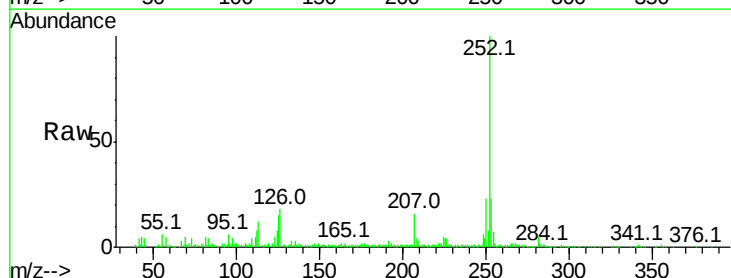
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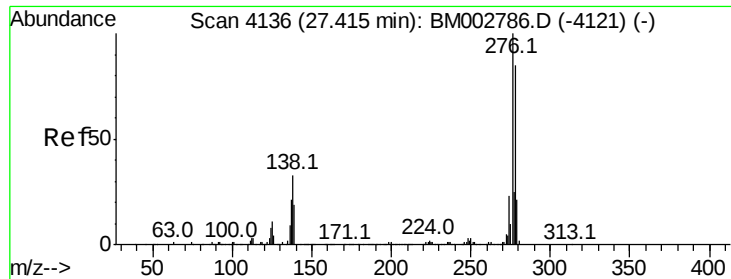
Delta R.T. 0.01 min

Lab File: BM002790.D

Acq: 30 Sep 2015 20:10

Tgt Ion	Ratio	Lower	Upper
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253	23.1	17.4	26.0
125	15.4	11.4	17.2





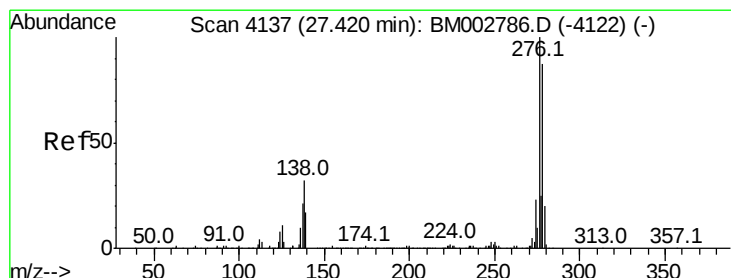
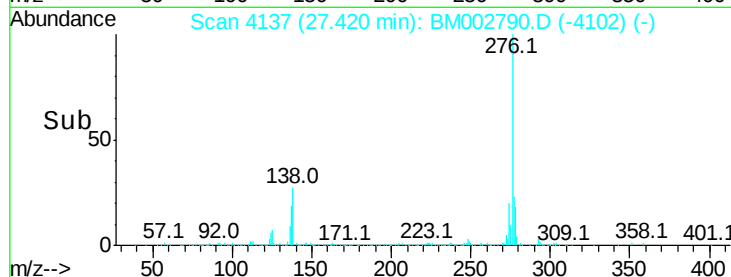
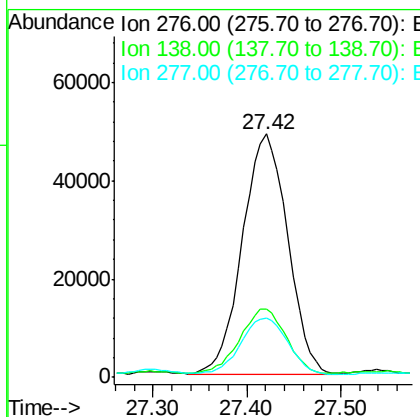
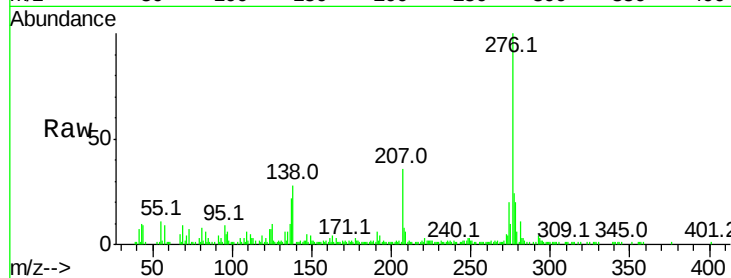
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.85 ng/ul
 RT: 27.42 min Scan# 4137
 Delta R.T. 0.01 min
 Lab File: BM002790.D
 Acq: 30 Sep 2015 20:10

Instrument :
 BNA_M
 ClientSampleId :
 D9G65

Tot Ion	Ratio	Resp	Lower	Upper
276	100	163111		
138	28.2		27.7	41.5
277	24.3		20.2	30.4

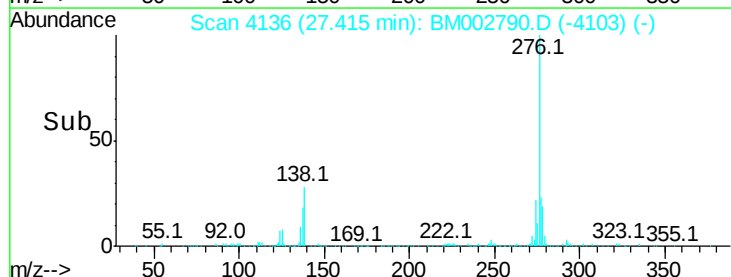
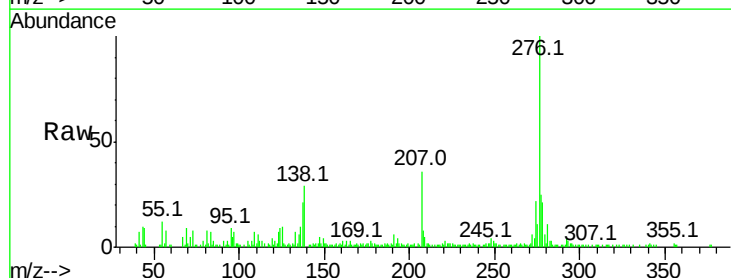
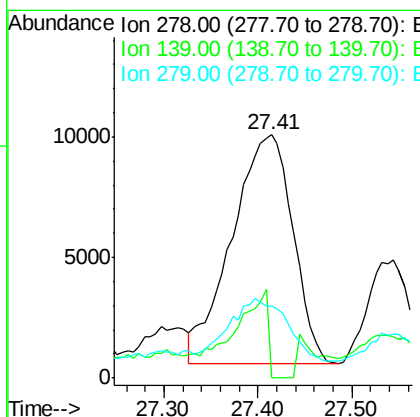
Manual Integrations
 APPROVED

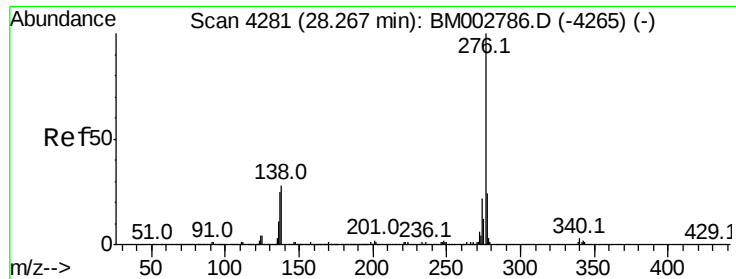
MMDadoda
 10/1/2015 4:42:46 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.74 ng/ul
 RT: 27.41 min Scan# 4136
 Delta R.T. -0.01 min
 Lab File: BM002790.D
 Acq: 30 Sep 2015 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	42644		
139	0.0		17.0	25.6#
279	29.8		19.0	28.6#





#94
 Benzo(a,h,i)perylene
 Concen: 9.26 ng/ul
 RT: 28.27 min Scan# 4282
 Delta R.T. 0.01 min
 Lab File: BM002790.D
 Acq: 30 Sep 2015 20:10

Instrument :
 BNA_M
 ClientSampleId :
 D9G65

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	21.8	32.8
277	26.1	18.9	28.3

Manual Integrations
 APPROVED

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