

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM

Quant Time: Nov 13 16:45:56 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3653	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20535	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	12280	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	29715m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	40510	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	44905	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	9431	3.59	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	3588	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	10306	0.12	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	1966	0.04	ng/ul#	85
9) Acenaphthylene	13.14	152	9183	0.15	ng/ul	98
11) Fluorene	14.45	166	2272	0.04	ng/ul#	92
14) Phenanthrene	16.16	178	230137	0.67	ng/ul	97
15) Anthracene	16.24	178	52532m	0.17	ng/ul	
17) Fluoranthene	18.15	202	528377m	1.32	ng/ul	
19) Pyrene	18.53	202	528780	1.15	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	54990m	0.53	ng/ul	
21) Chrysene	20.32	228	72569	0.61	ng/ul	97
23) Benzo(b)fluoranthene	21.62	252	56780	0.41	ng/ul	97
24) Benzo(k)fluoranthene	21.65	252	59760	0.42	ng/ul	95
25) Benzo(a)pyrene	22.09	252	60854	0.47	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.83	276	164877m	0.30	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	10296	0.08	ng/ul#	65
28) Benzo(a,h,i)perylene	24.40	276	163888	0.29	ng/ul	97

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

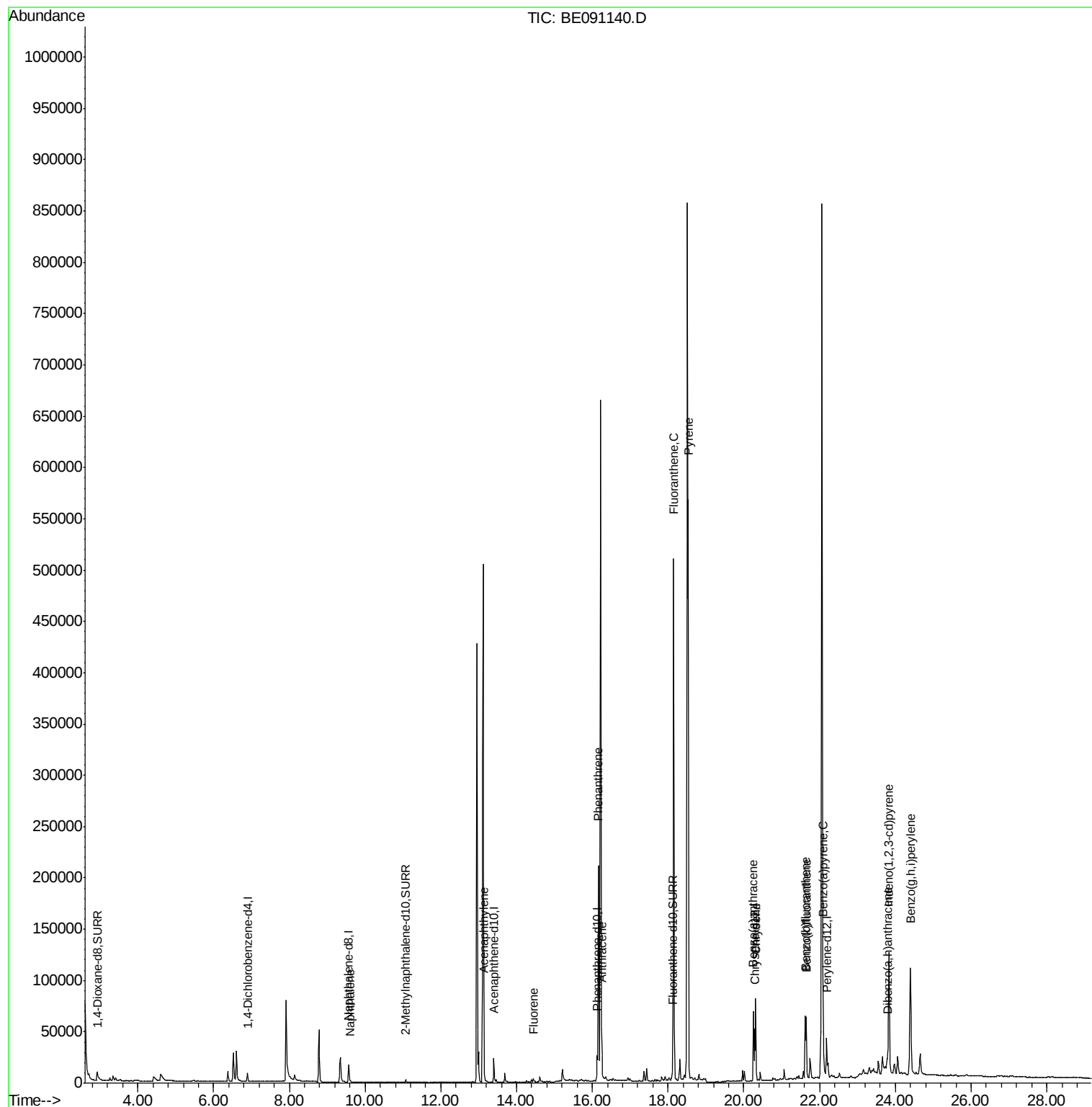
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

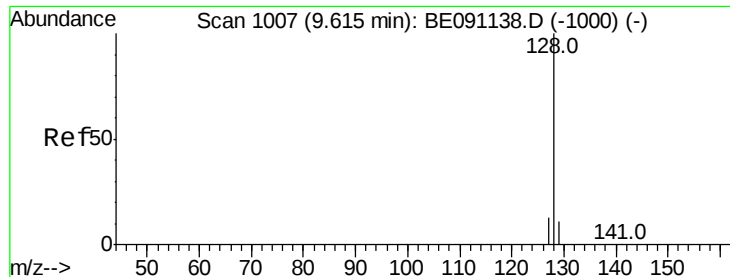
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
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#5

Naphthalene

Concen: 0.04 ng/ul

RT: 9.61 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE091140.D

Acq: 12 Nov 2015 12:05

Instrument :

BNA_E

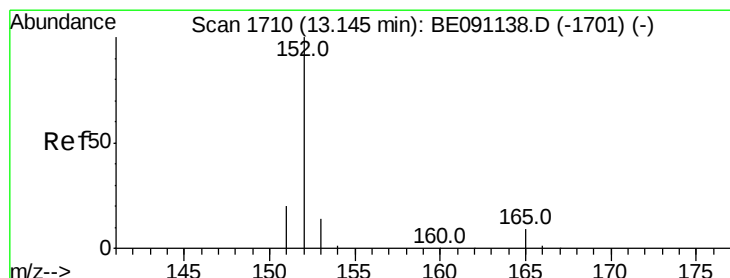
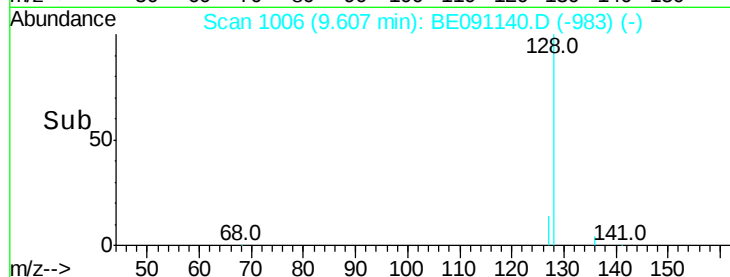
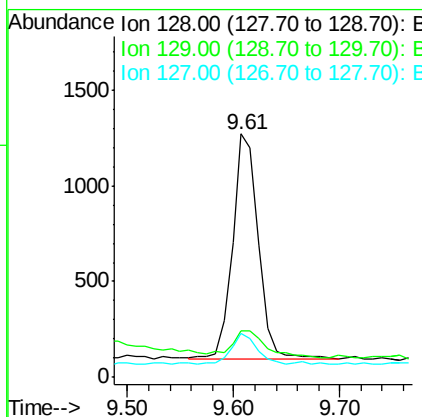
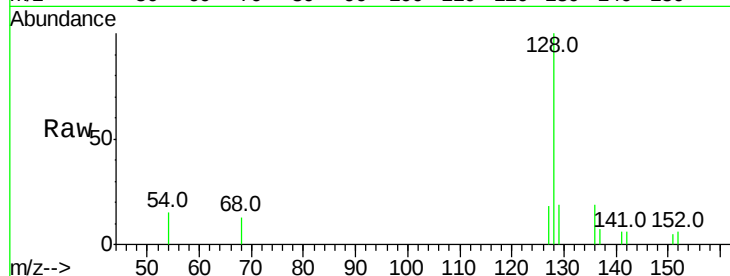
ClientSampleId :

A4HS4

Tot Ion:	128	Resp:	1966
Ion Ratio	Lower	Upper	
128	100		
129	19.4	9.8	14.8#
127	18.2	10.7	16.1#

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#9

Acenaphthylene

Concen: 0.15 ng/ul

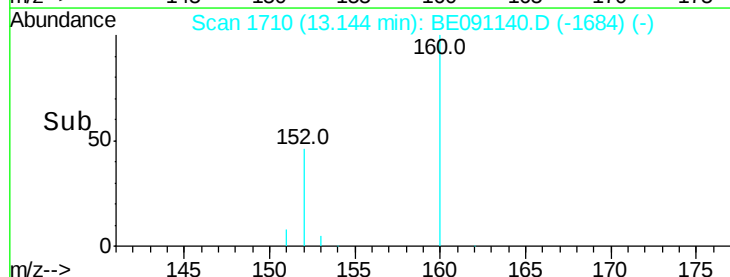
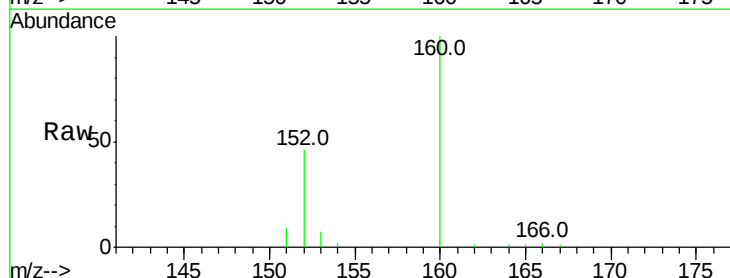
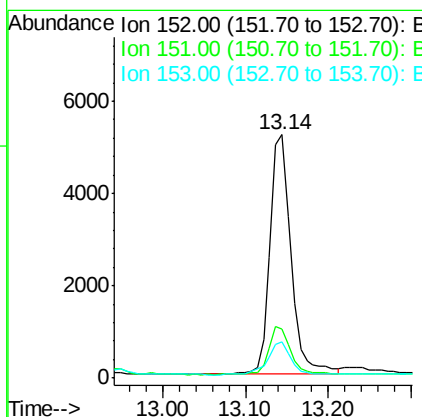
RT: 13.14 min Scan# 1710

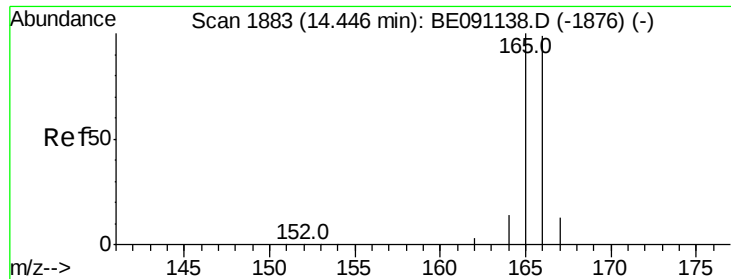
Delta R.T. -0.00 min

Lab File: BE091140.D

Acq: 12 Nov 2015 12:05

Tgt Ion:	152	Resp:	9183
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	14.7	11.3	16.9





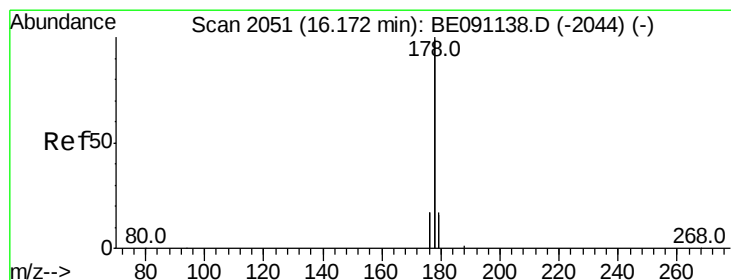
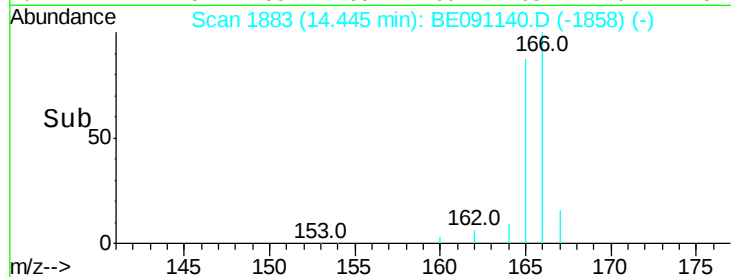
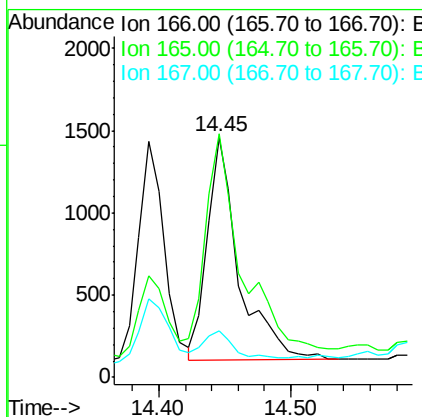
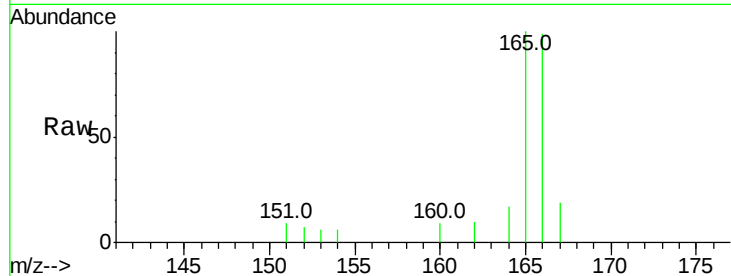
#11
Fluorene
 Concen: 0.04 ng/ul
 RT: 14.45 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BE091140.D
 Acq: 12 Nov 2015 12:05

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	87.6	131.4
167	19.3	11.1	16.7

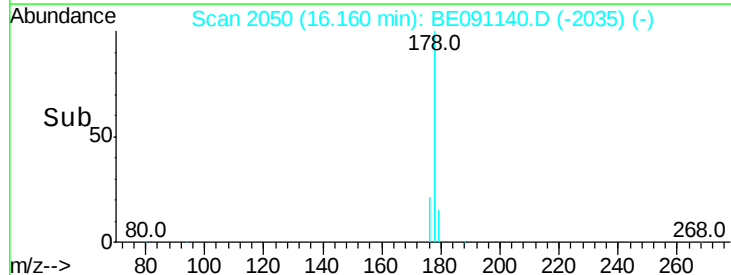
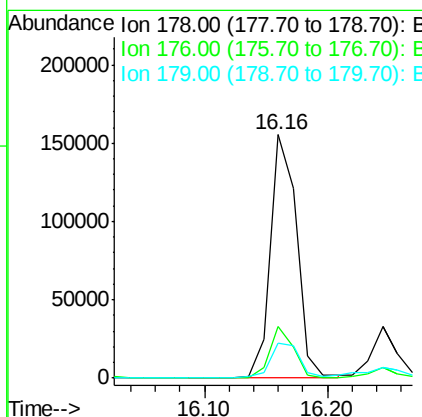
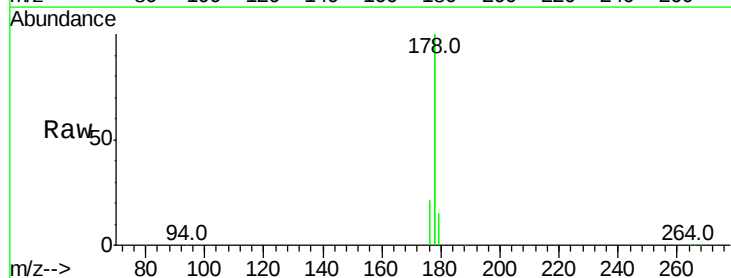
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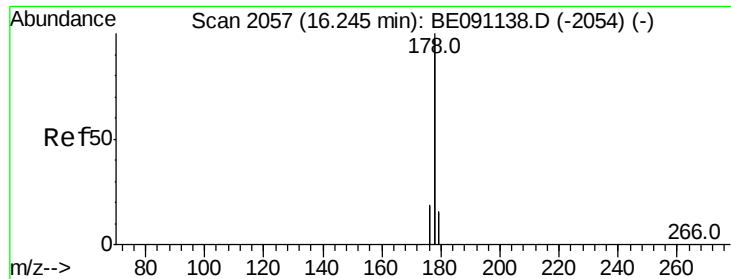
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#14
Phenanthrene
 Concen: 0.67 ng/ul
 RT: 16.16 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BE091140.D
 Acq: 12 Nov 2015 12:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.2	24.4
179	14.5	12.8	19.2





#15

Anthracene

Concen: 0.17 ng/ul m

RT: 16.24 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE091140.D

Acq: 12 Nov 2015 12:05

Instrument :

BNA_E

ClientSampleId :

A4HS4

Tot Ion:178 Resp: 52532

Ion Ratio Lower Upper

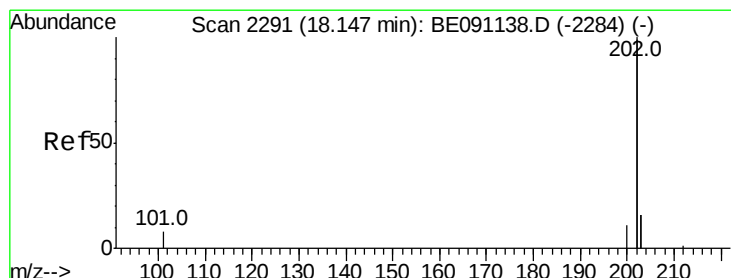
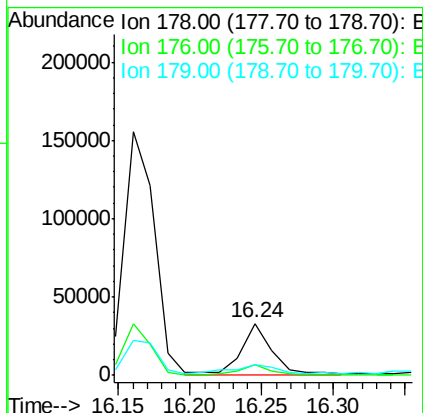
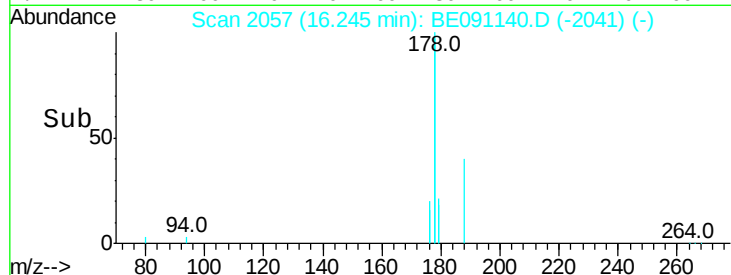
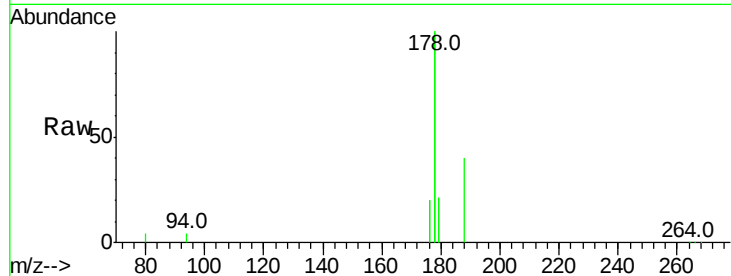
178 100

176 19.7 15.8 23.8

179 20.7 13.3 19.9#

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#17

Fluoranthene

Concen: 1.32 ng/ul m

RT: 18.15 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BE091140.D

Acq: 12 Nov 2015 12:05

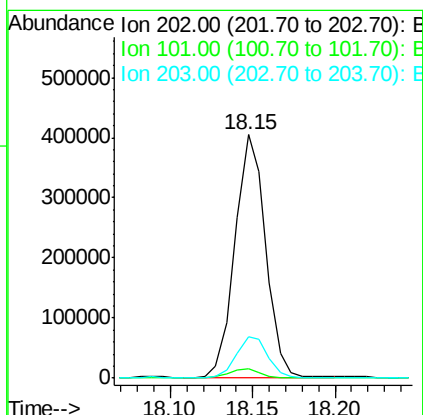
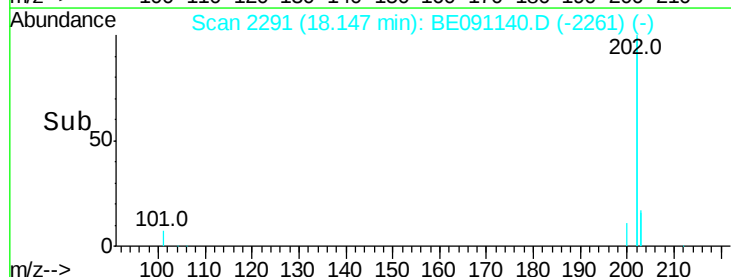
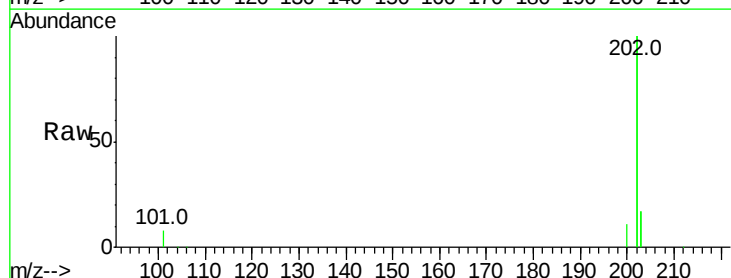
Tgt Ion:202 Resp: 528377

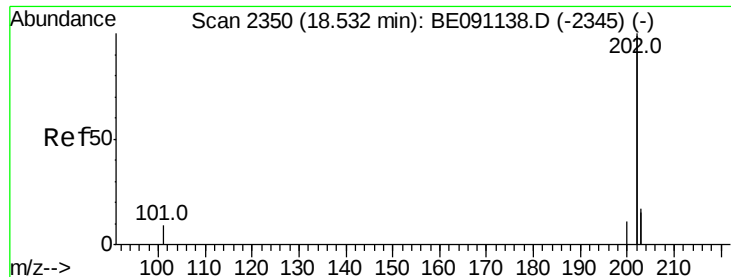
Ion Ratio Lower Upper

202 100

101 7.5 0.0 33.1

203 16.8 0.0 37.2





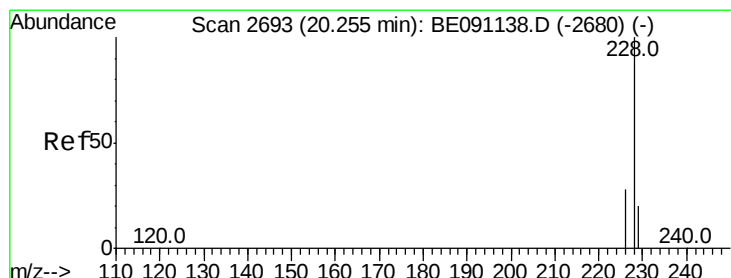
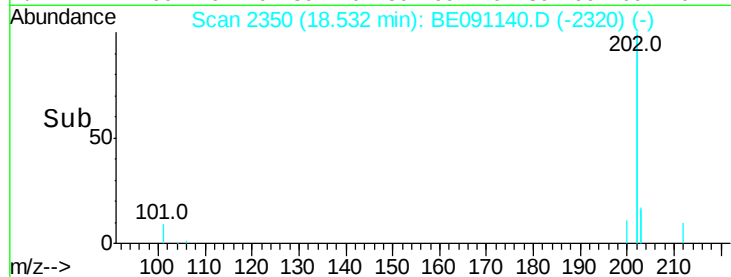
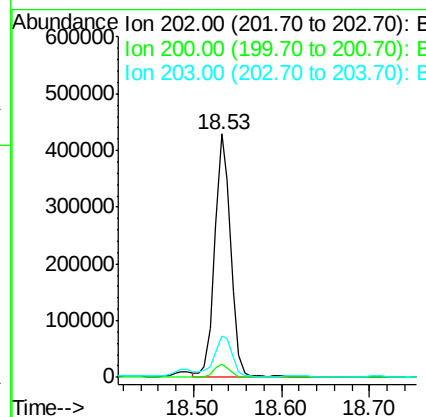
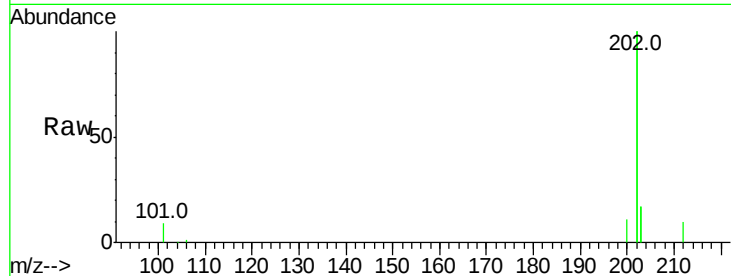
#19
Pvrene
Concen: 1.15 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Instrument :
BNA_E
ClientSampleId :
A4HS4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	17.2	13.8	20.6

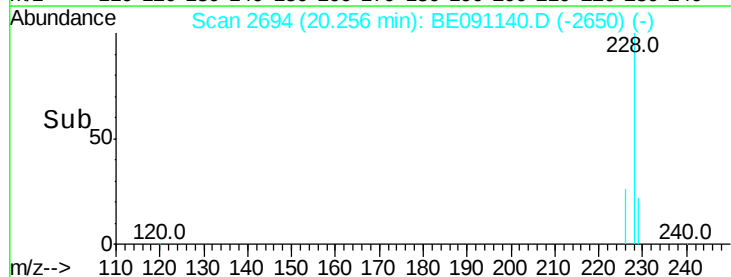
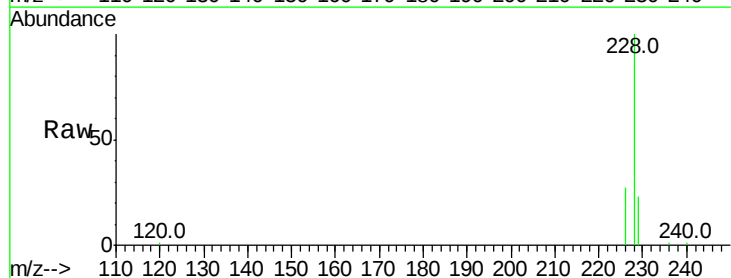
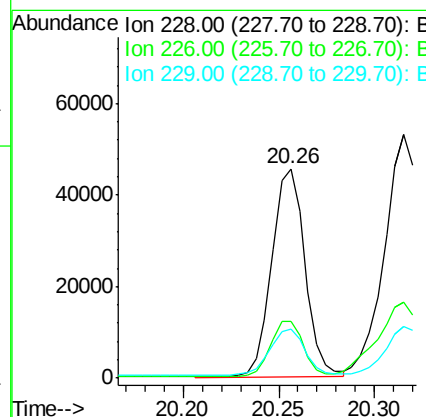
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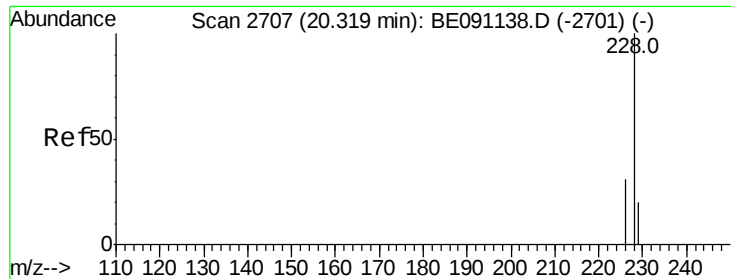
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#20
Benzo(a)anthracene
Concen: 0.53 ng/ul m
RT: 20.26 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.3	23.0	34.4
229	23.4	15.2	22.8#





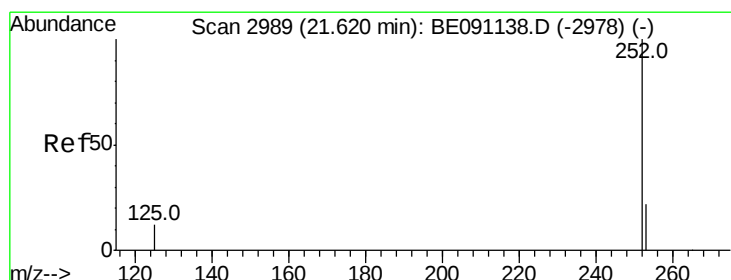
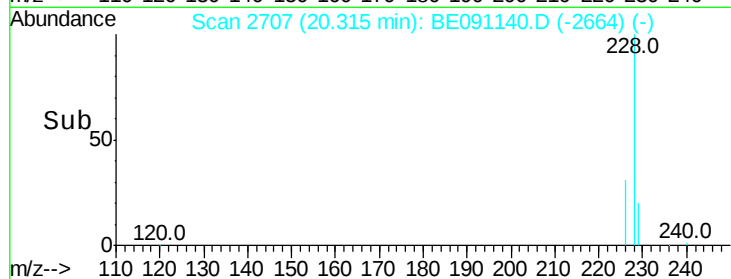
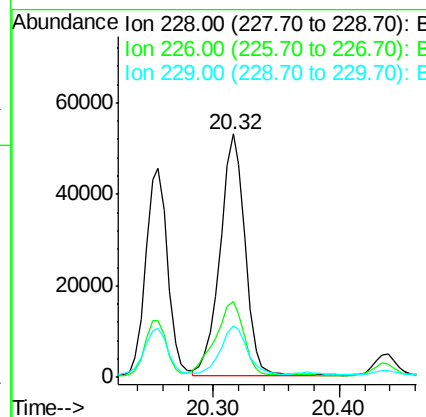
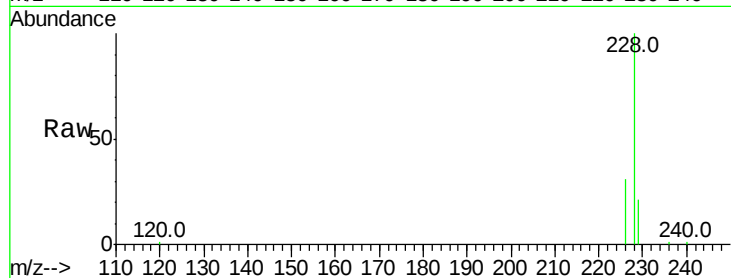
#21
Chrysene
Concen: 0.61 ng/ul
RT: 20.32 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Instrument :
BNA_E
ClientSampleId :
A4HS4

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	21.1	15.2	22.8

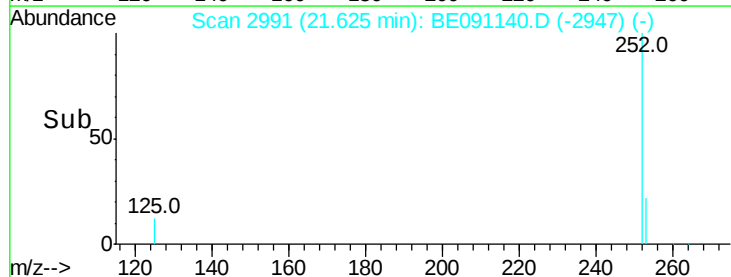
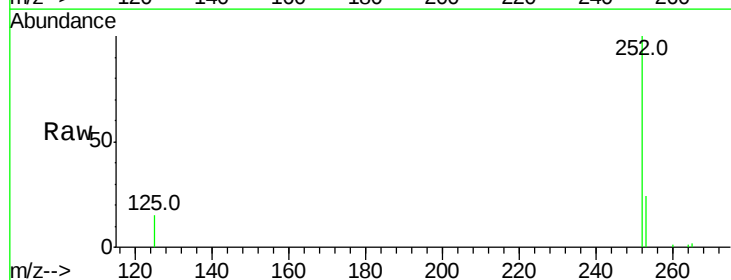
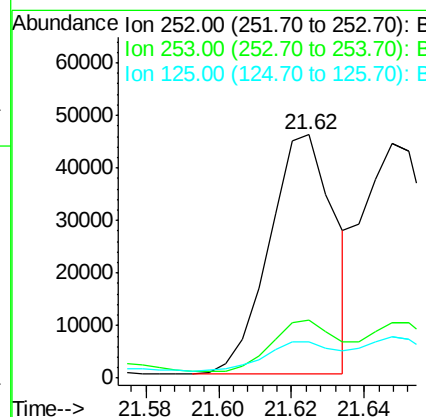
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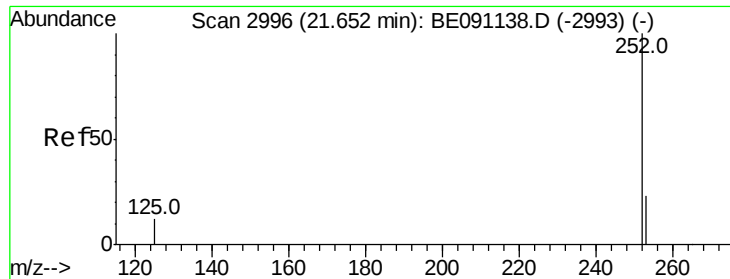
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#23
Benzo(b)fluoranthene
Concen: 0.41 ng/ul
RT: 21.62 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	48.0
125	14.9	0.0	36.6





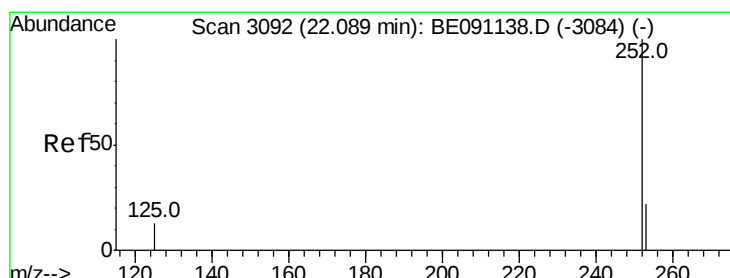
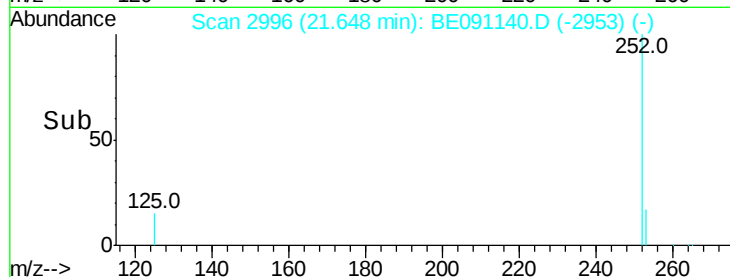
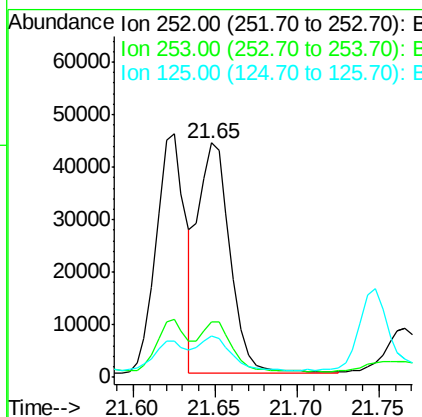
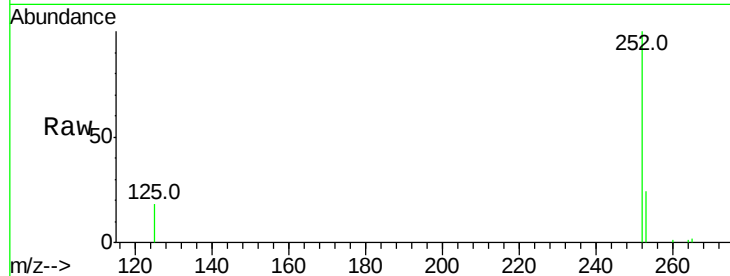
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Benzo(k)fluoranthene
Concen: 0.42 ng/ul
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Instrument :
BNA_E
ClientSampleId :
A4HS4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.8	31.2
125	17.5	12.2	18.4

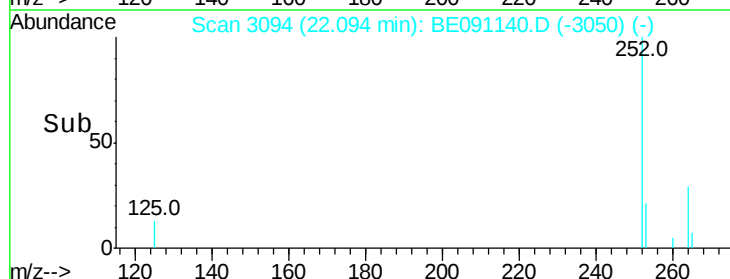
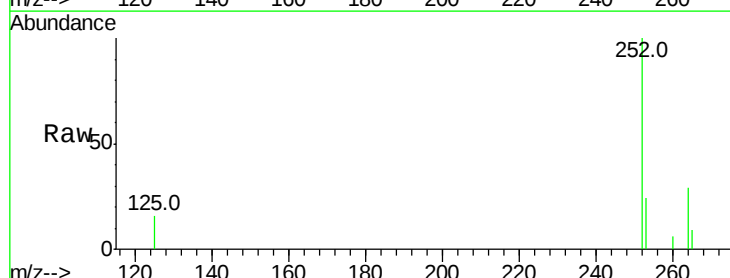
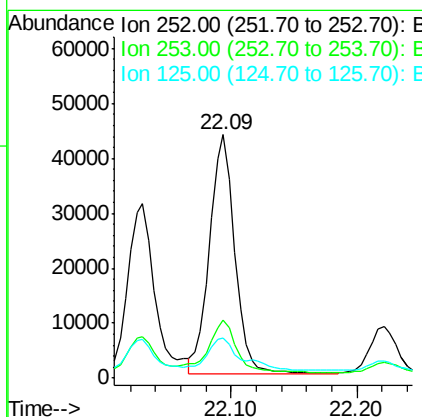
Manual Integrations
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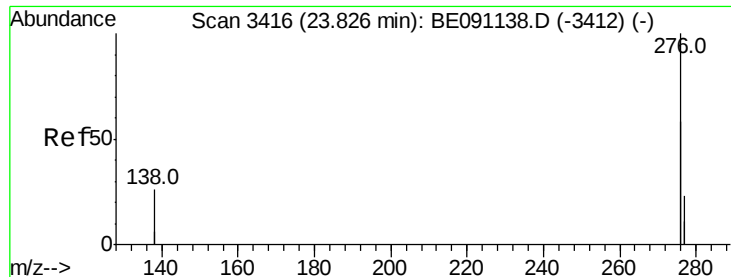
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#25
Benzo(a)pyrene
Concen: 0.47 ng/ul
RT: 22.09 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.8	32.8
125	16.3	14.5	21.7





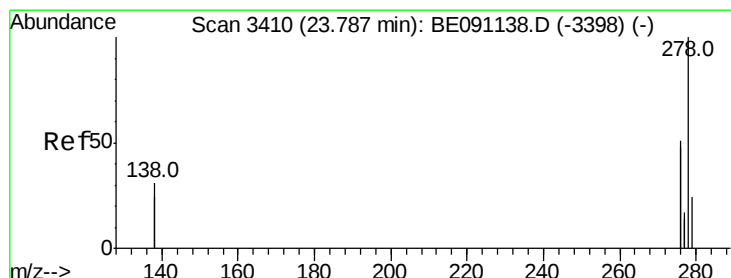
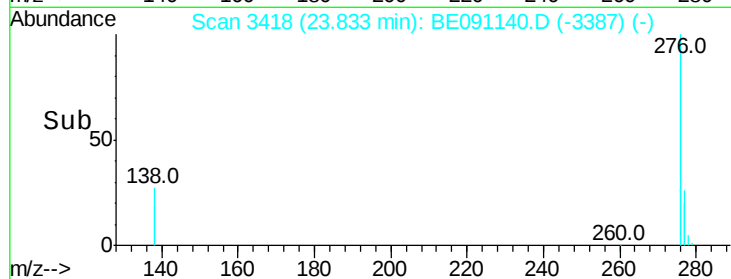
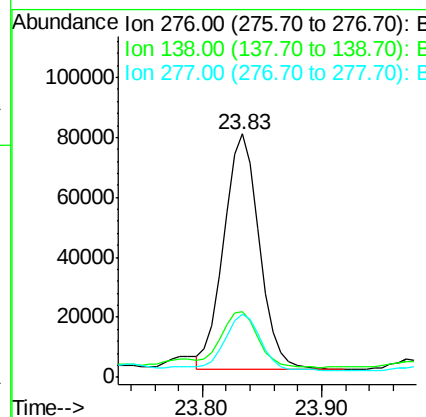
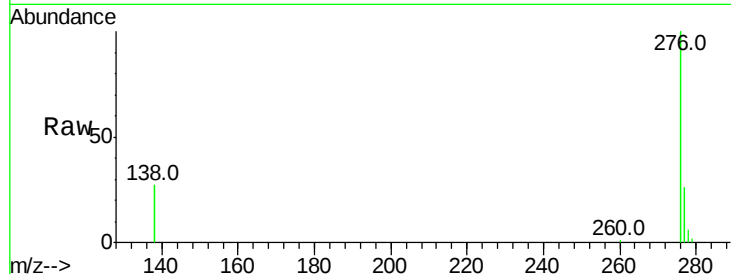
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.30 ng/ul m
RT: 23.83 min Scan# 3418
Delta R.T. -0.00 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Instrument :
BNA_E
ClientSampleId :
A4HS4

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.5	41.3#
277	25.0	19.3	28.9

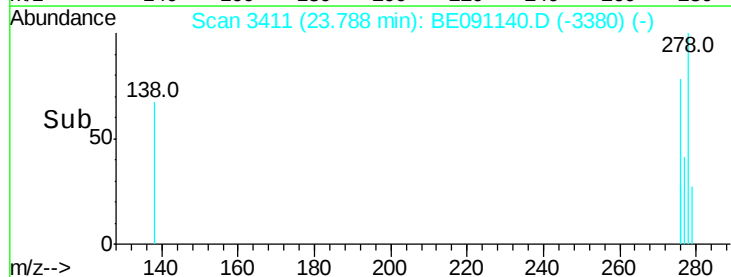
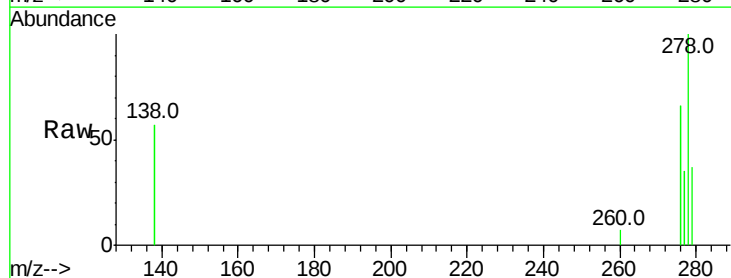
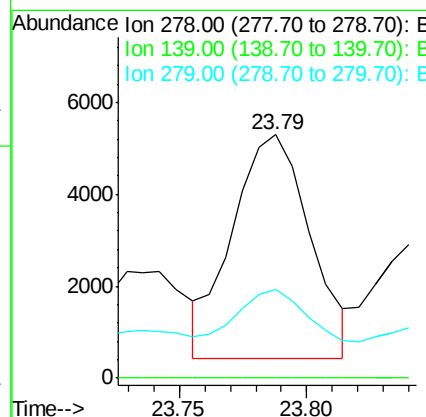
Manual Integrations
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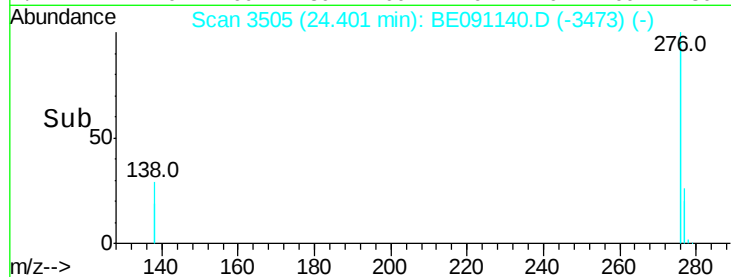
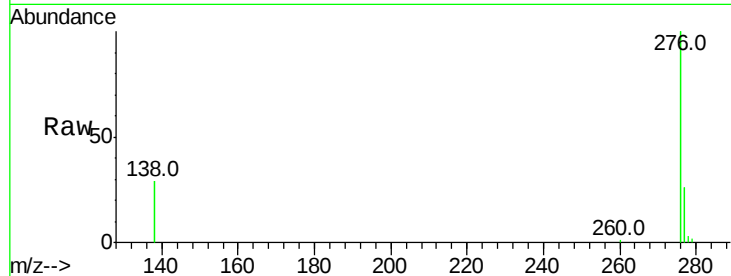
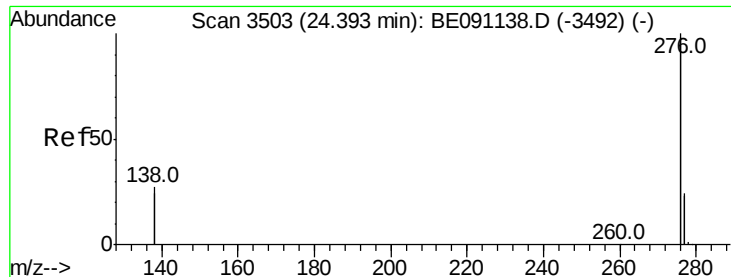
Mmdadoda
11/16/2015 12:42:31 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 23.79 min Scan# 3411
Delta R.T. -0.00 min
Lab File: BE091140.D
Acq: 12 Nov 2015 12:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	36.6	21.9	32.9#





#28

Benzo(a,h,i)perylene

Concen: 0.29 ng/ul

RT: 24.40 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BE091140.D

Acq: 12 Nov 2015 12:05

Tot Ion:	276	Resp:	163888
Ion Ratio	Lower	Upper	
276	100		
277	26.2	21.3	31.9
138	28.9	25.5	38.3

Instrument :

BNA_E

ClientSampleId :

A4HS4

Manual Integrations
APPROVED

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11/16/2015 12:42:31 PM

