

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091141.D
 Acq On : 12 Nov 2015 12:41
 Operator : UM/NP
 Sample : G4322-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS5

Manual Integrations
 APPROVED

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

Quant Time: Nov 13 16:48:18 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	3242	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18372	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11422	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	28293m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	38324	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	43093	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	9120	3.91	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	3139	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	9208	0.12	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	1817	0.04	ng/ul#	84
9) Acenaphthylene	13.14	152	7274	0.13	ng/ul	98
11) Fluorene	14.45	166	1958	0.04	ng/ul#	90
14) Phenanthrene	16.16	178	210421	0.64	ng/ul	97
15) Anthracene	16.25	178	44810m	0.15	ng/ul	
17) Fluoranthene	18.15	202	522786m	1.37	ng/ul	
19) Pyrene	18.53	202	487807	1.12	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	54485	0.55	ng/ul	97
21) Chrysene	20.31	228	72642	0.64	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	61910	0.46	ng/ul	95
24) Benzo(k)fluoranthene	21.65	252	65499	0.47	ng/ul	95
25) Benzo(a)pyrene	22.09	252	66598	0.54	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.83	276	191129m	0.37	ng/ul	
27) Dibenzo(a,h)anthracene	23.78	278	10900	0.09	ng/ul#	72
28) Benzo(a,h,i)perylene	24.39	276	176356	0.32	ng/ul	95

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

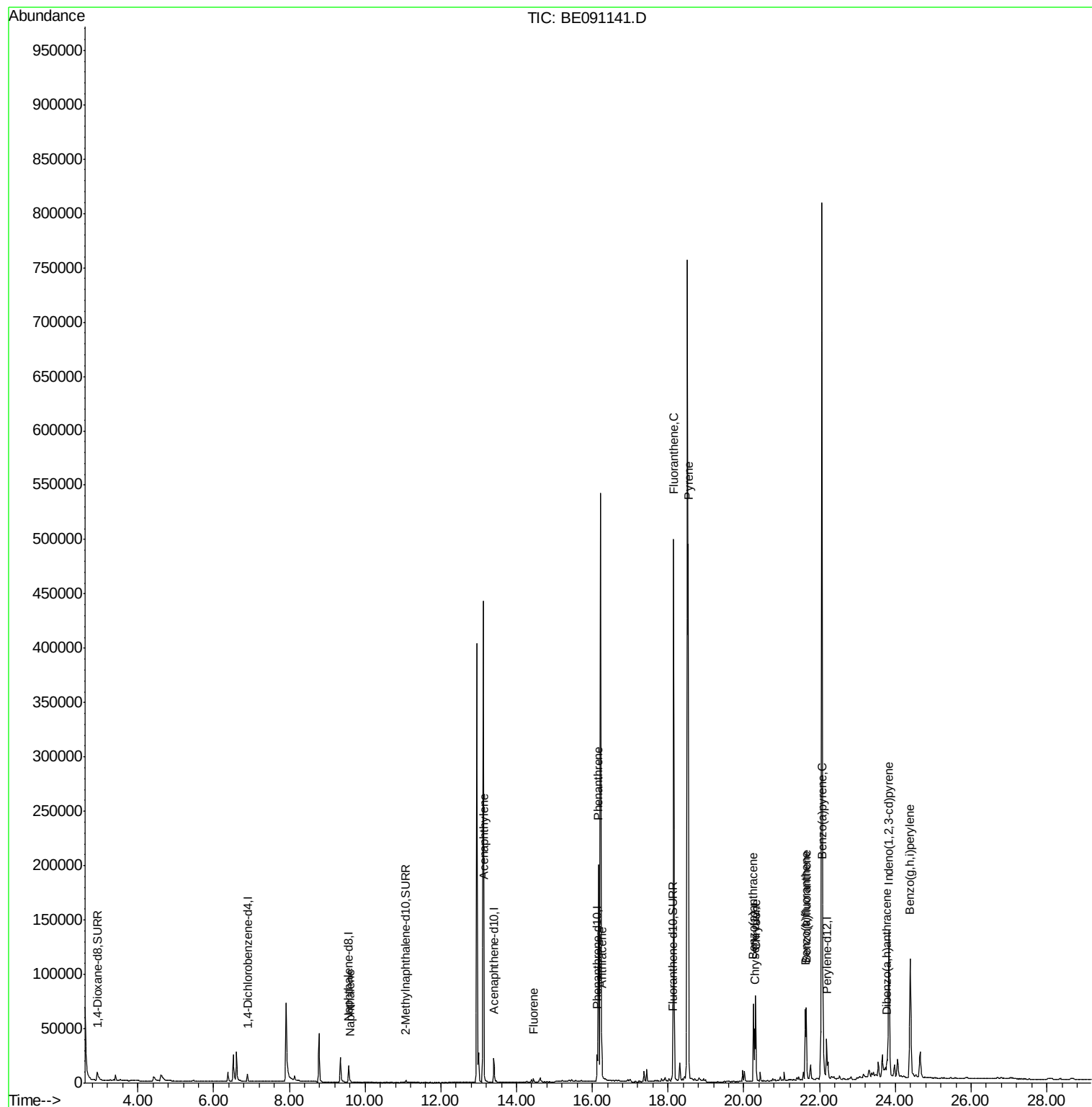
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : G4322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

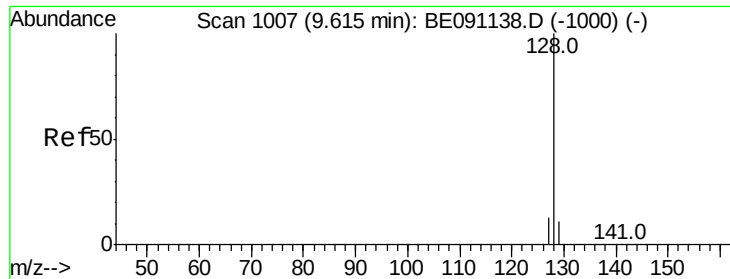
Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations
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Mmdadoda
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Quant Time: Nov 13 16:48:18 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





#5

Naphthalene

Concen: 0.04 ng/ul

RT: 9.61 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Instrument :

BNA_E

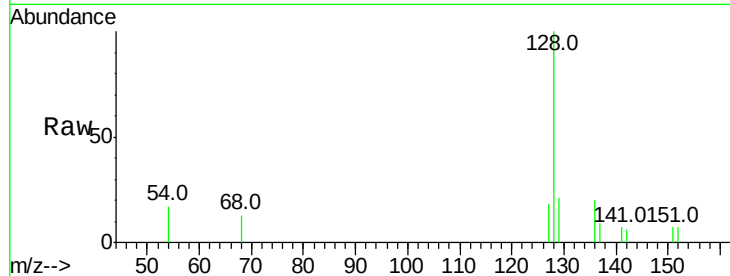
ClientSampleId :

A4HS5

Tot Ion:	128	Resp:	1817
Ion Ratio	Lower	Upper	
128	100		
129	20.6	9.8	14.8#
127	18.3	10.7	16.1#

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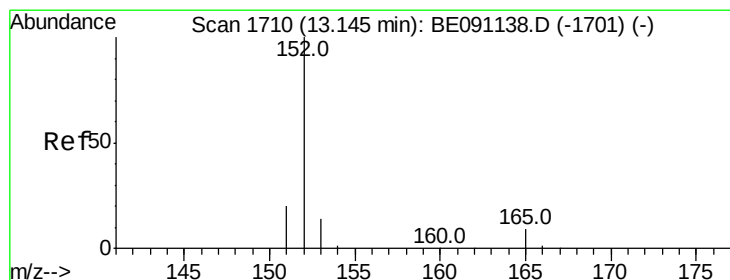
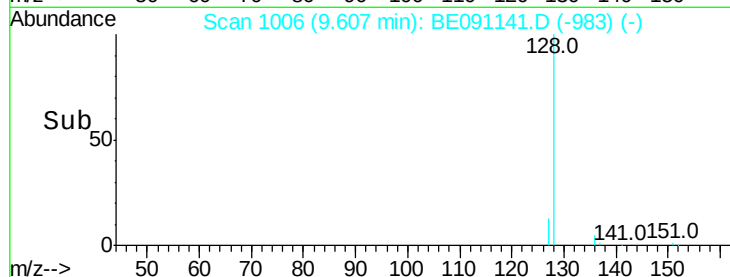
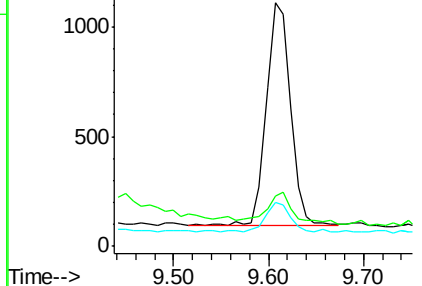
Mmdadoda
11/16/2015 12:42:31 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#9

Acenaphthylene

Concen: 0.13 ng/ul

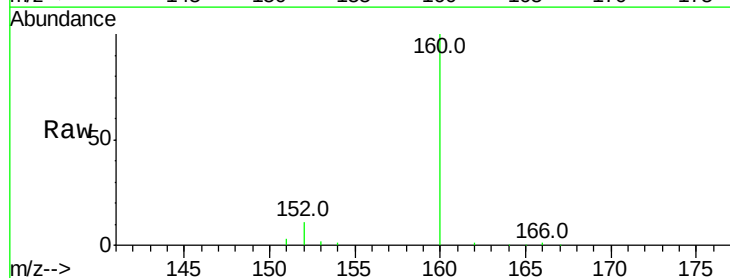
RT: 13.14 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

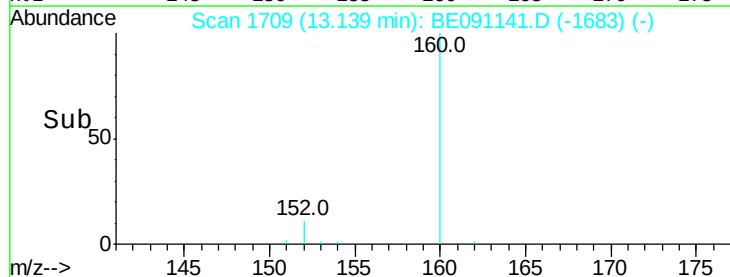
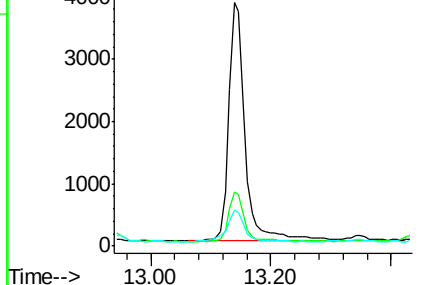
Tgt Ion:	152	Resp:	7274
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.8	25.2
153	14.9	11.3	16.9

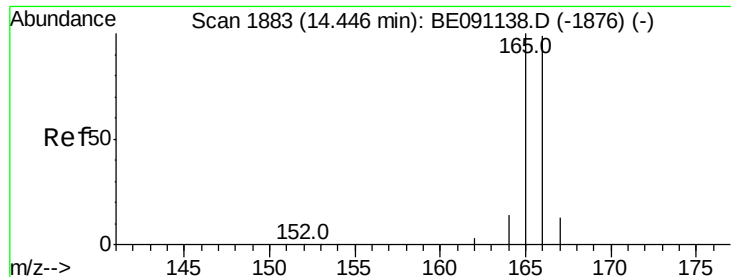


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





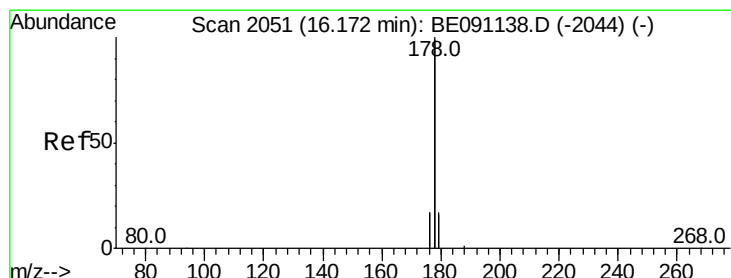
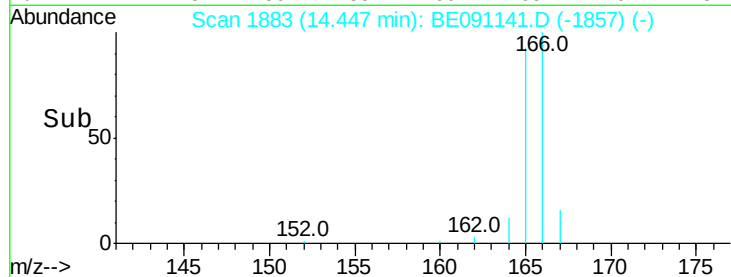
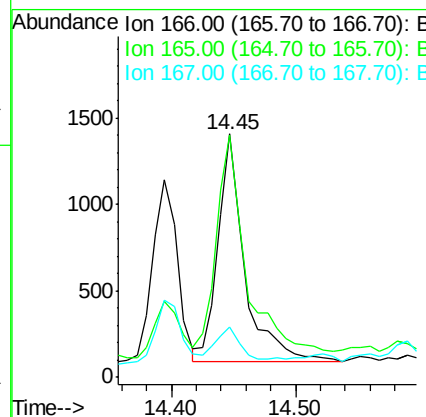
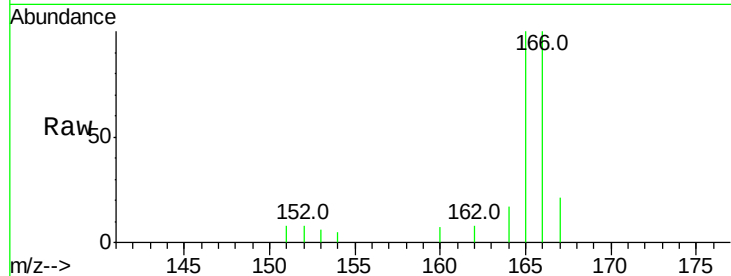
#11
Fluorene
Concen: 0.04 ng/ul
RT: 14.45 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BE091141.D
Acq: 12 Nov 2015 12:41

Instrument :
BNA_E
ClientSampleId :
A4HS5

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	87.6	131.4
167	20.6	11.1	16.7#

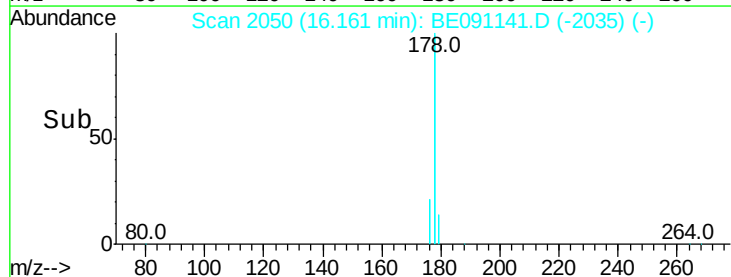
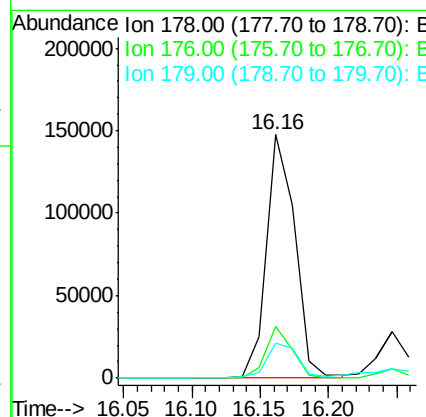
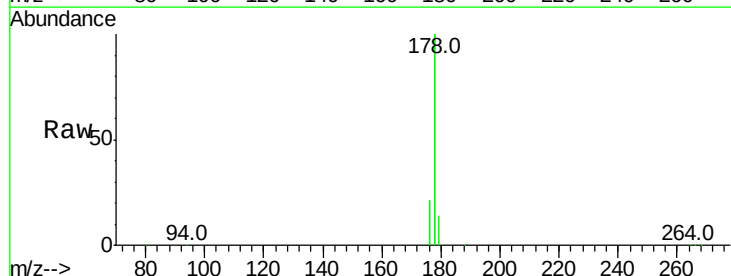
Manual Integrations
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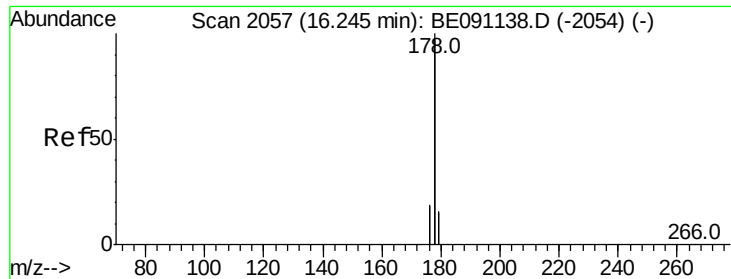
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#14
Phenanthrene
Concen: 0.64 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091141.D
Acq: 12 Nov 2015 12:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	14.4	12.8	19.2





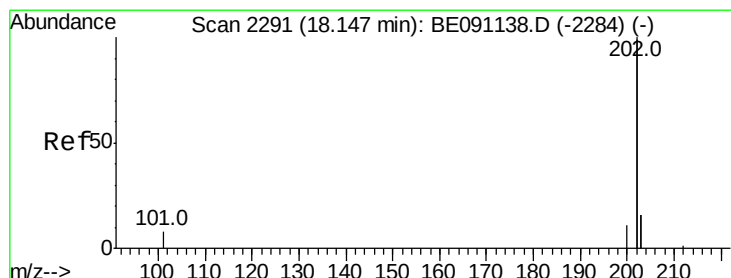
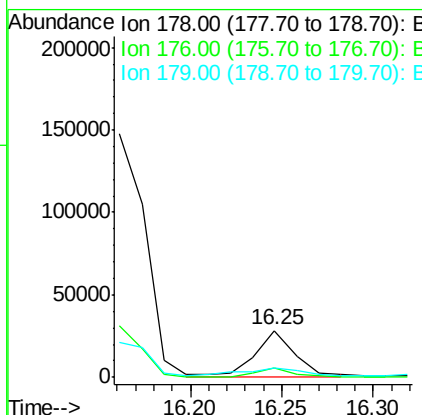
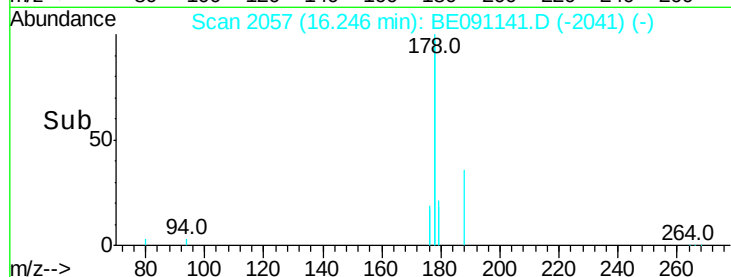
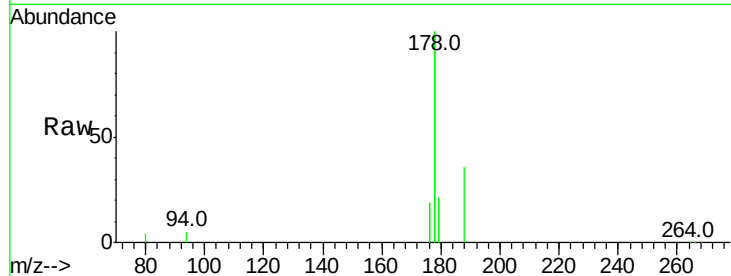
#15
 Anthracene
 Concen: 0.15 ng/ul m
 RT: 16.25 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091141.D
 Acq: 12 Nov 2015 12:41

Instrument :
 BNA_E
 ClientSampleId :
 A4HS5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	20.7	13.3	19.9

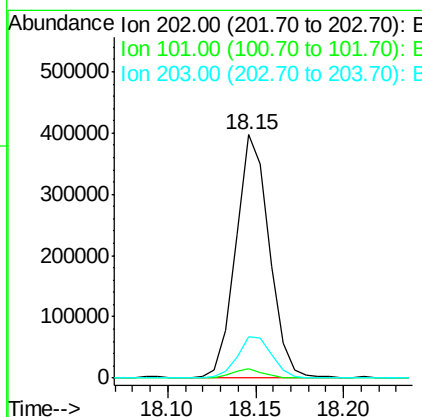
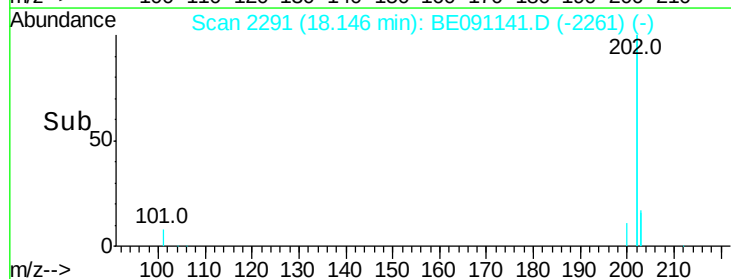
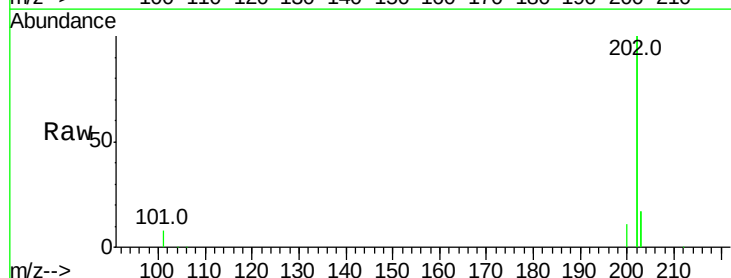
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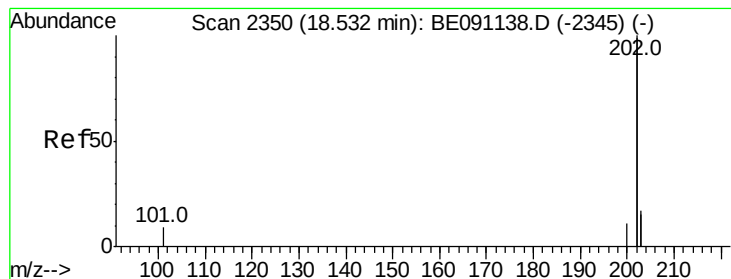
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 11/16/2015 12:42:31 PM



#17
 Fluoranthene
 Concen: 1.37 ng/ul m
 RT: 18.15 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BE091141.D
 Acq: 12 Nov 2015 12:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	33.1
203	16.7	0.0	37.2





#19

Pvrene

Concen: 1.12 ng/ul

RT: 18.53 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Instrument :

BNA_E

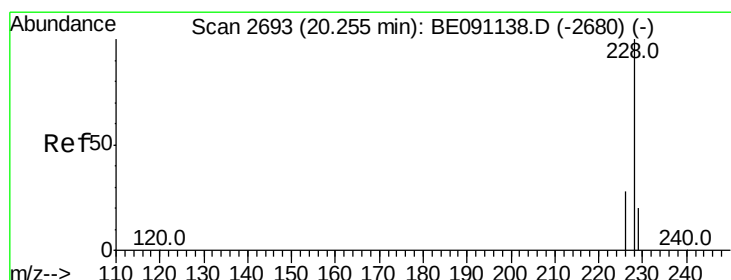
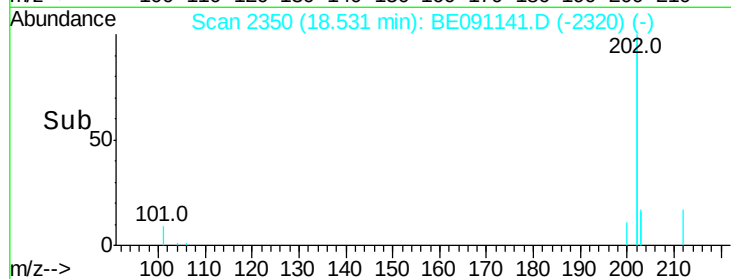
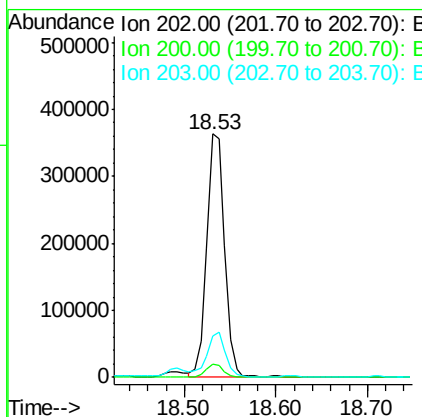
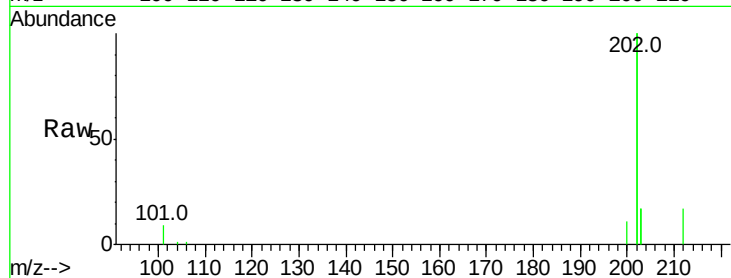
ClientSampleId :

A4HS5

Tot Ion:	202	Resp:	487807
Ion Ratio		Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	16.9	13.8	20.6

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#20

Benzo(a)anthracene

Concen: 0.55 ng/ul

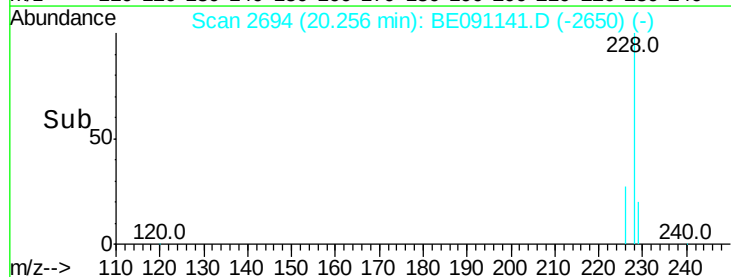
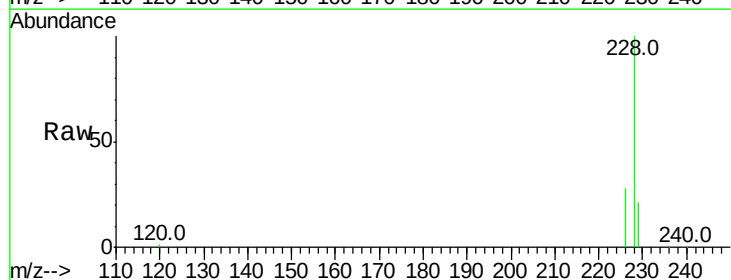
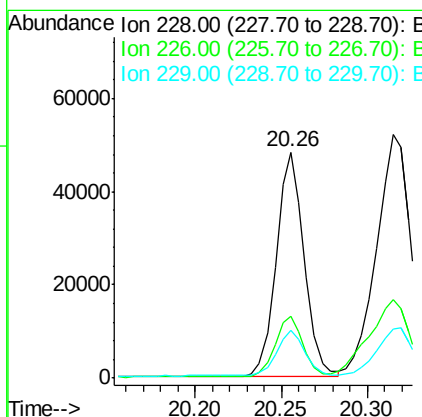
RT: 20.26 min Scan# 2694

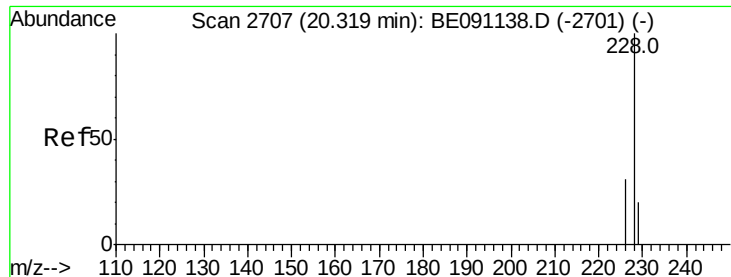
Delta R.T. -0.00 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Tgt Ion:	228	Resp:	54485
Ion Ratio		Lower	Upper
228	100		
226	27.6	23.0	34.4
229	21.1	15.2	22.8





#21

Chrysene

Concen: 0.64 ng/ul

RT: 20.31 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Instrument :

BNA_E

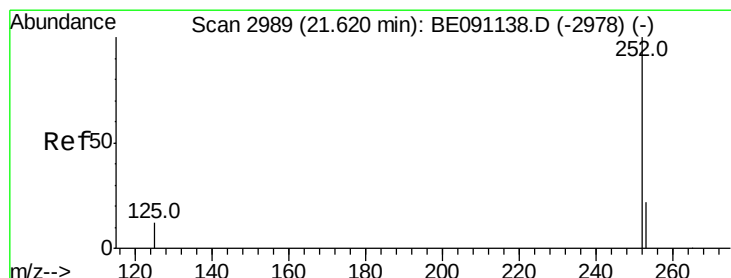
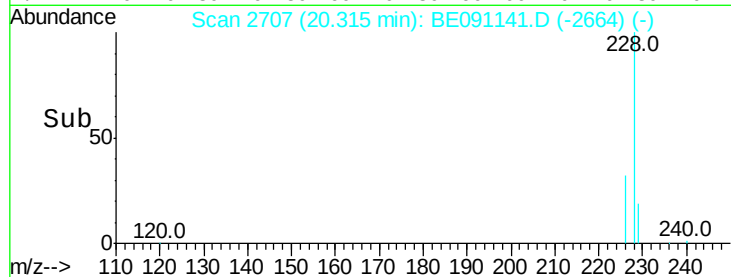
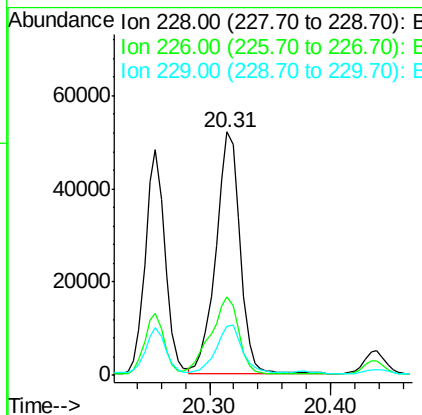
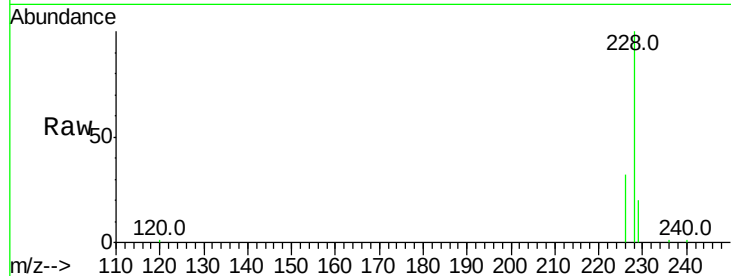
ClientSampleId :

A4HS5

Tot Ion:	228	Resp:	72642
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.7	38.5
229	20.2	15.2	22.8

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 0.46 ng/ul

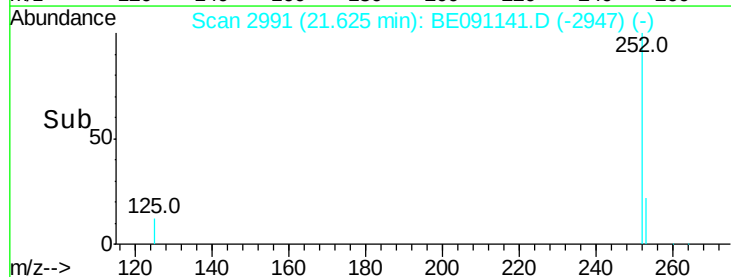
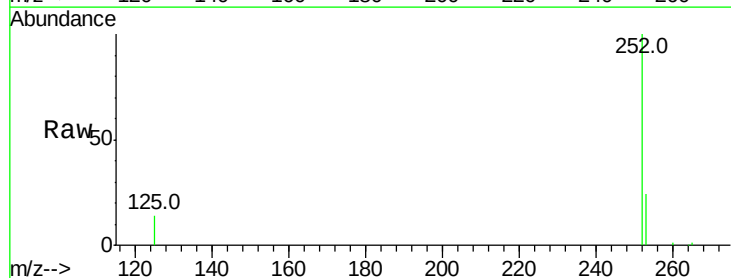
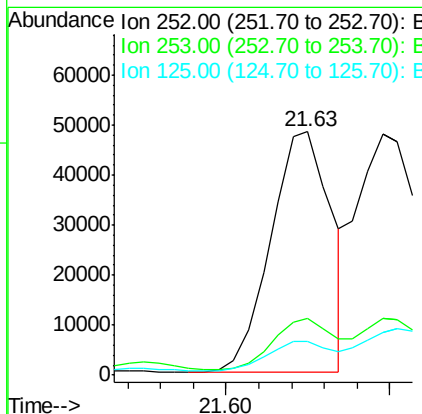
RT: 21.63 min Scan# 2991

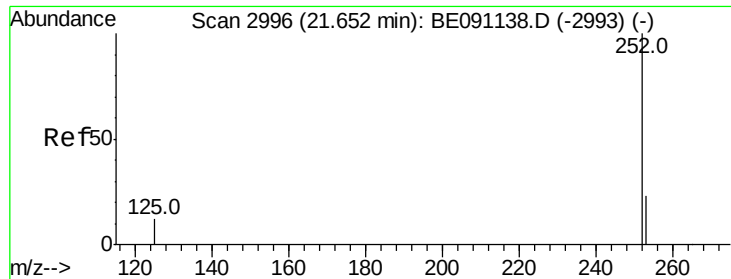
Delta R.T. 0.00 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Tgt Ion:	252	Resp:	61910
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	48.0
125	13.9	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.47 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Instrument :

BNA_E

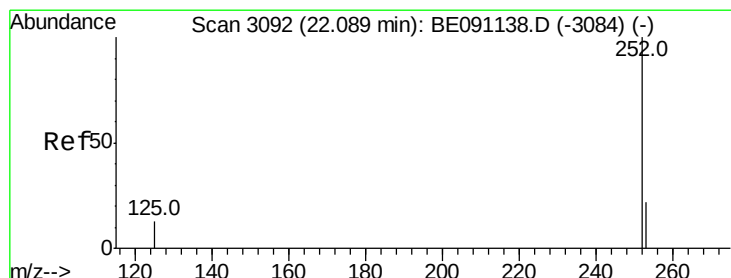
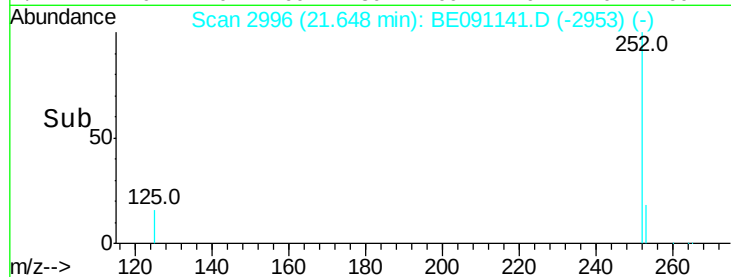
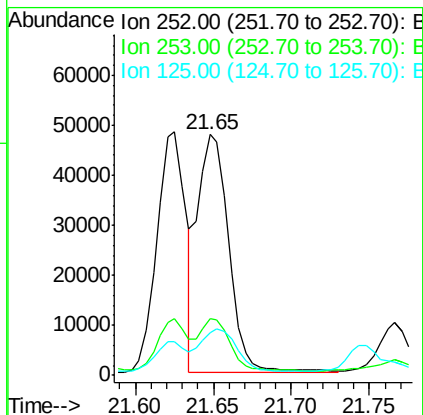
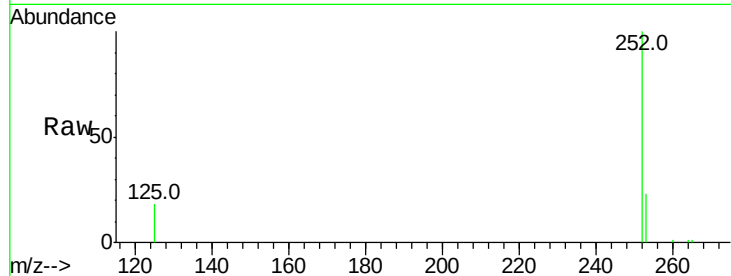
ClientSampleId :

A4HS5

Tot Ion:	252	Resp:	65499
Ion Ratio	Lower	Upper	
252	100		
253	23.5	20.8	31.2
125	17.9	12.2	18.4

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 0.54 ng/ul

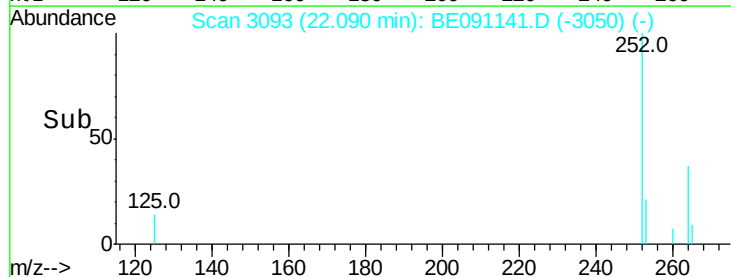
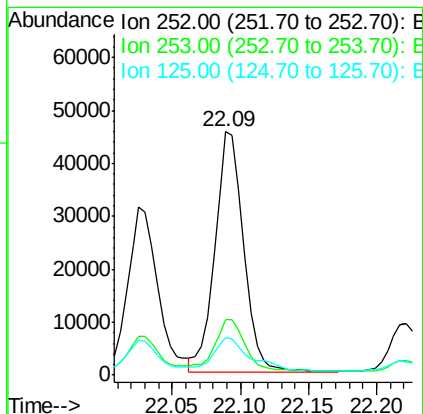
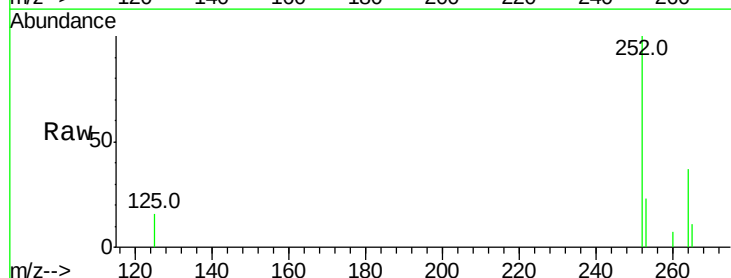
RT: 22.09 min Scan# 3093

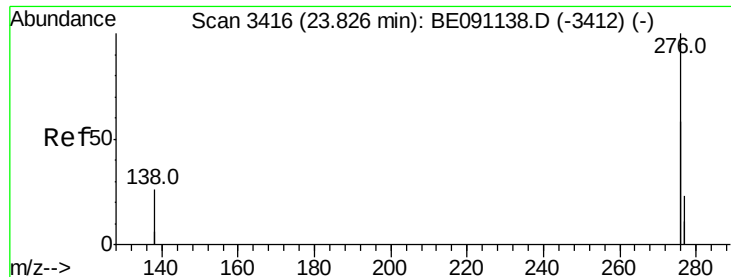
Delta R.T. -0.00 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Tgt Ion:	252	Resp:	66598
Ion Ratio	Lower	Upper	
252	100		
253	22.6	21.8	32.8
125	15.6	14.5	21.7





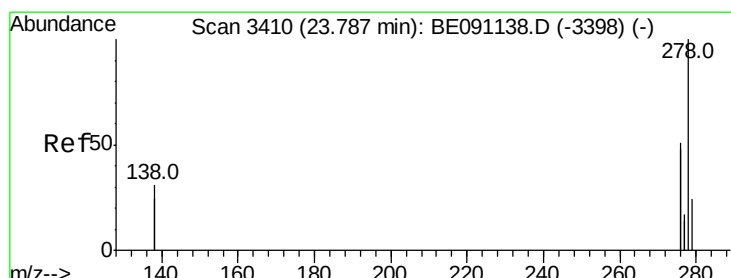
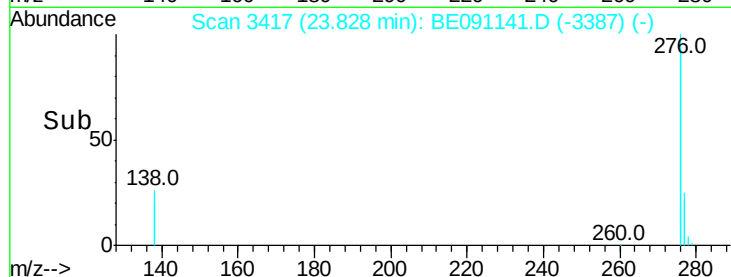
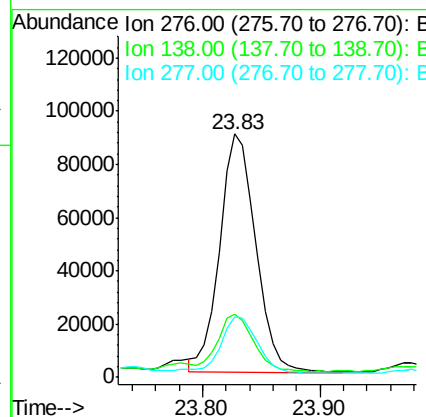
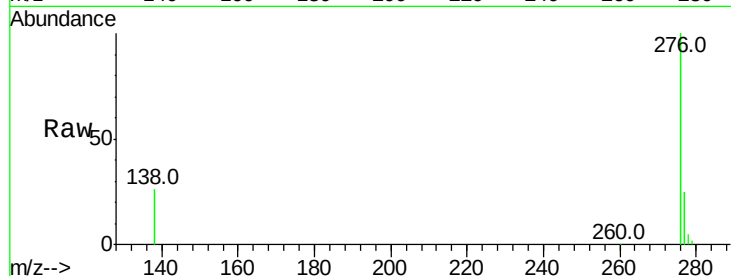
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.37 ng/ul m
 RT: 23.83 min Scan# 3417
 Delta R.T. -0.01 min
 Lab File: BE091141.D
 Acq: 12 Nov 2015 12:41

Instrument :
 BNA_E
 ClientSampleId :
 A4HS5

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	27.5	41.3#
277	25.5	19.3	28.9

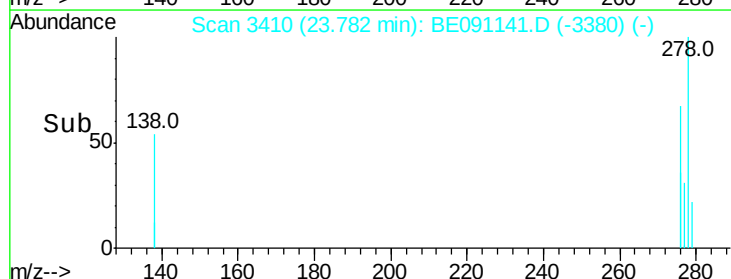
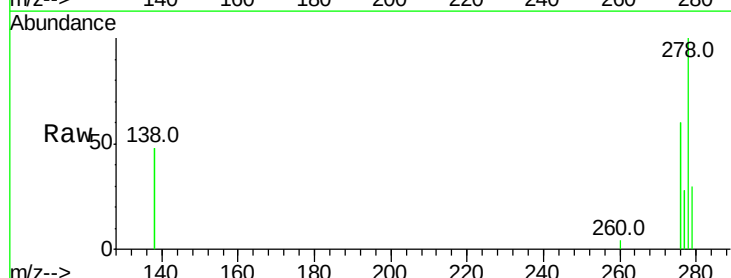
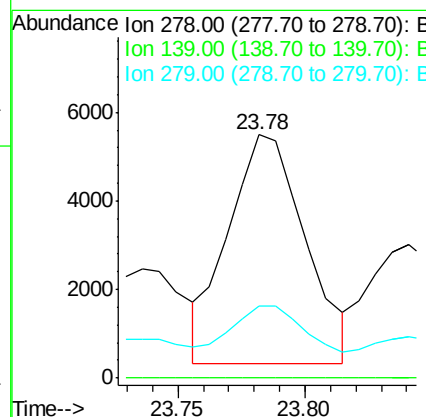
Manual Integrations
 APPROVED

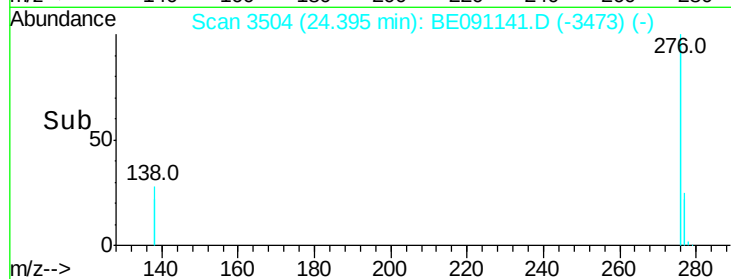
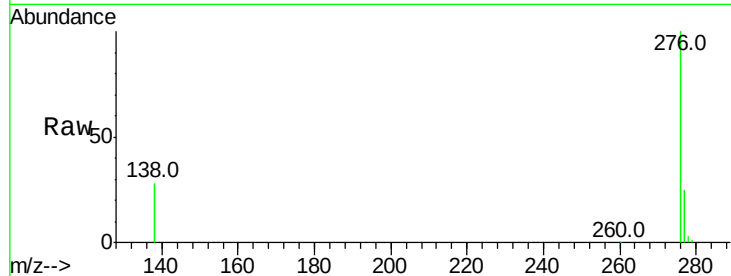
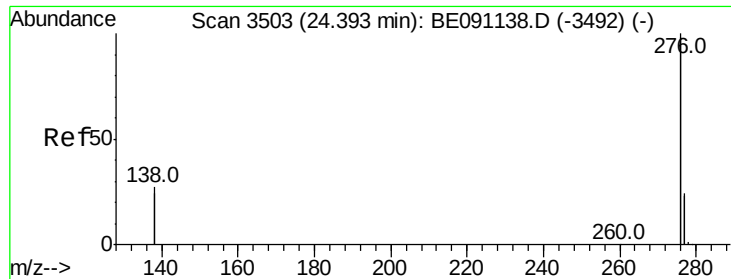
Mmdadoda
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.09 ng/ul
 RT: 23.78 min Scan# 3410
 Delta R.T. -0.01 min
 Lab File: BE091141.D
 Acq: 12 Nov 2015 12:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	29.6	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 0.32 ng/ul

RT: 24.39 min Scan# 3504

Delta R.T. 0.00 min

Lab File: BE091141.D

Acq: 12 Nov 2015 12:41

Tot Ion:	276	Resp:	176356
Ion Ratio	Lower	Upper	
276	100		
277	25.3	21.3	31.9
138	28.3	25.5	38.3

Instrument :

BNA_E

ClientSampleId :

A4HS5

Manual Integrations
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