

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091133.D
 Acq On : 12 Nov 2015 7:49
 Operator : UM/NP
 Sample : G4322-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR7

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:19 PM

Quant Time: Nov 13 16:21:08 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	6.90	152	3305	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18229	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	10363	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	26524m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.29	240	36199	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	36956	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	11000	4.63	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	2701	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	5913	0.08	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.62	128	92308	2.05	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	9817	0.34	ng/ul	98
9) Acenaphthylene	13.14	152	14751	0.28	ng/ul	99
10) Acenaphthene	13.46	153	3907	0.11	ng/ul	93
11) Fluorene	14.45	166	6739	0.15	ng/ul#	89
14) Phenanthrene	16.16	178	723659	2.36	ng/ul	97
15) Anthracene	16.25	178	151094m	0.54	ng/ul	
17) Fluoranthene	18.15	202	958339m	2.67	ng/ul	
19) Pyrene	18.53	202	782242	1.90	ng/ul#	79
20) Benzo(a)anthracene	20.25	228	103932	1.12	ng/ul#	93
21) Chrysene	20.32	228	121364	1.13	ng/ul#	95
23) Benzo(b)fluoranthene	21.62	252	89794	0.78	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	88232	0.75	ng/ul#	90
25) Benzo(a)pyrene	22.09	252	95921	0.90	ng/ul#	92
26) Indeno(1,2,3-cd)pyrene	23.83	276	262043m	0.59	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	18203	0.17	ng/ul#	66
28) Benzo(g,h,i)perylene	24.40	276	243194	0.52	ng/ul	98

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

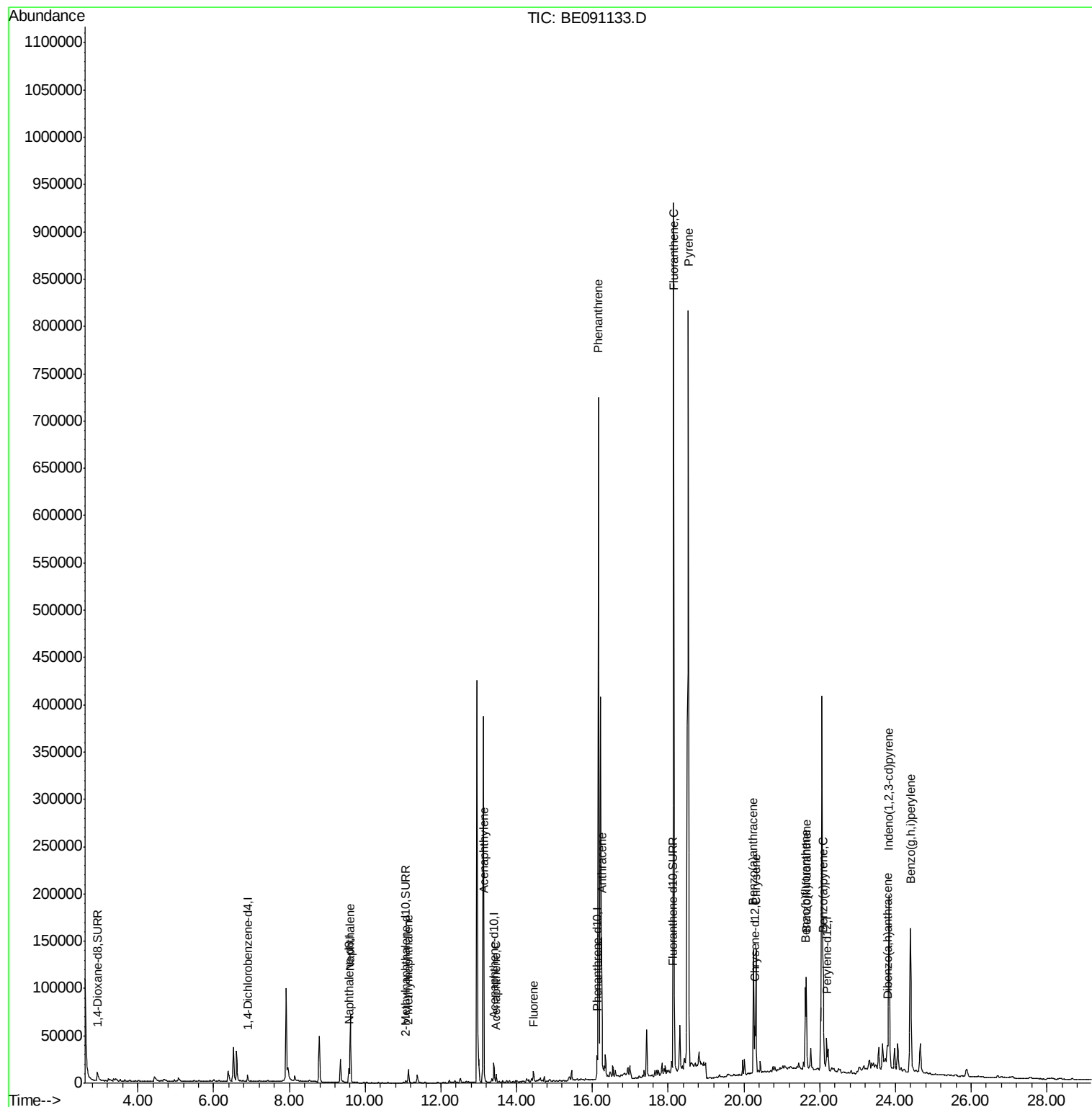
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091133.D
Acq On : 12 Nov 2015 7:49
Operator : UM/NP
Sample : G4322-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

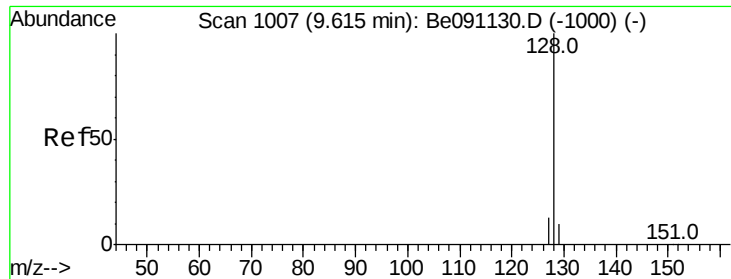
Instrument :
BNA_E
ClientSampleId :
A4HR7

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:19 PM

Quant Time: Nov 13 16:21:08 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: 2.05 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Instrument :

BNA_E

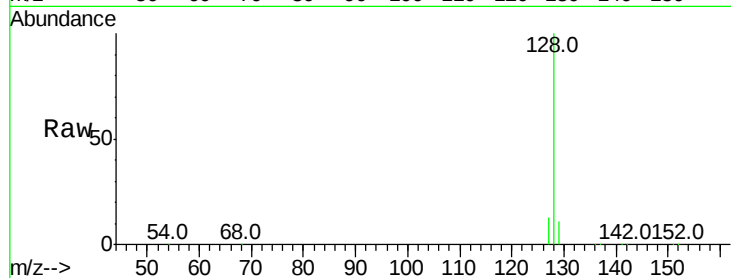
ClientSampleId :

A4HR7

Tot Ion:	128	Resp:	92308
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.8	14.8
127	12.7	10.7	16.1

Manual Integrations
APPROVED

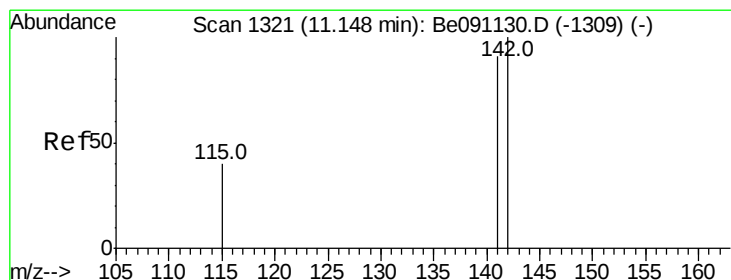
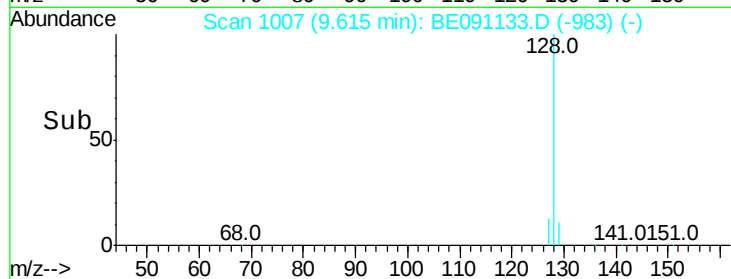
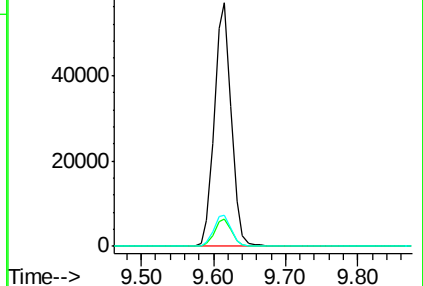
Mmdadoda
11/16/2015 12:42:19 PM



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



#7

2-Methylnaphthalene

Concen: 0.34 ng/ul

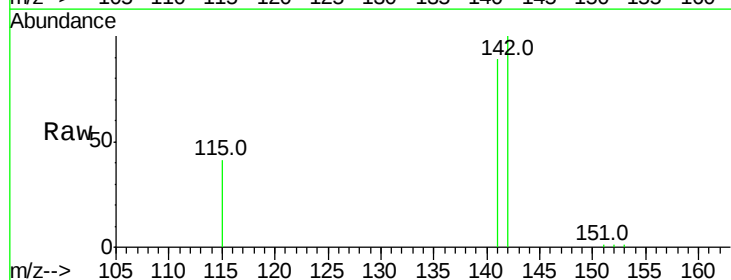
RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091133.D

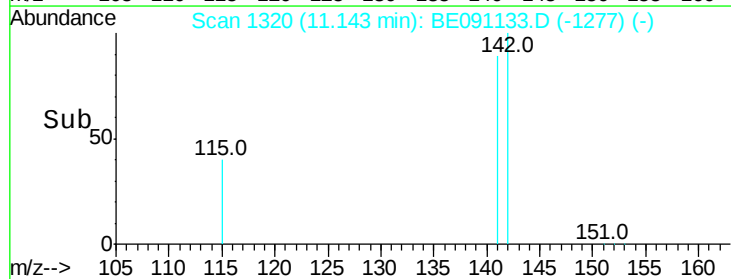
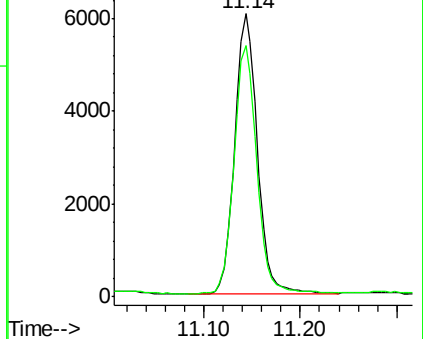
Acq: 12 Nov 2015 7:49

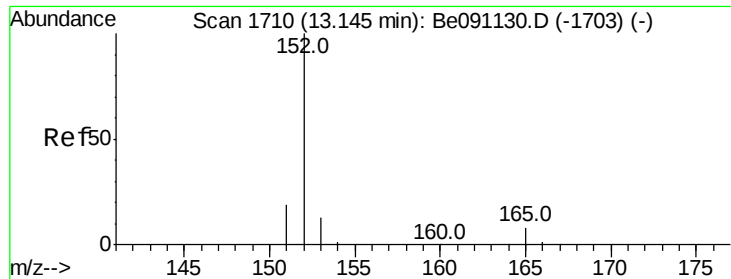
Tgt Ion:	142	Resp:	9817
Ion Ratio	Lower	Upper	
142	100		
141	90.1	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.28 ng/ul

RT: 13.14 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Instrument :

BNA_E

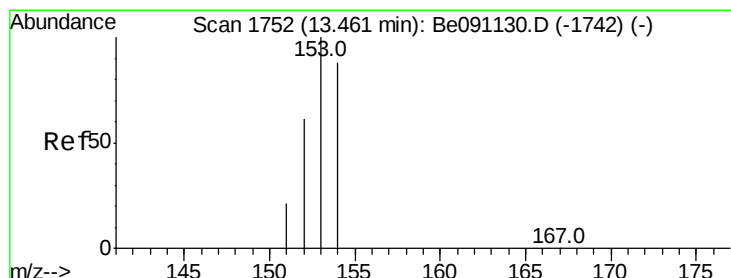
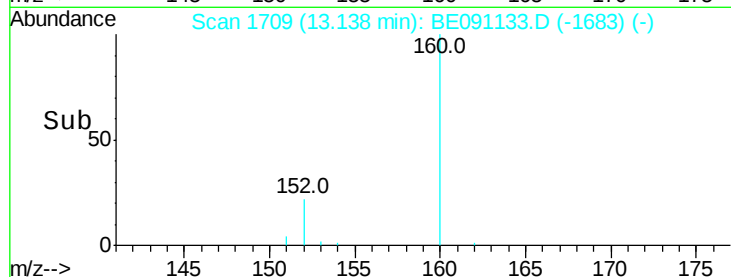
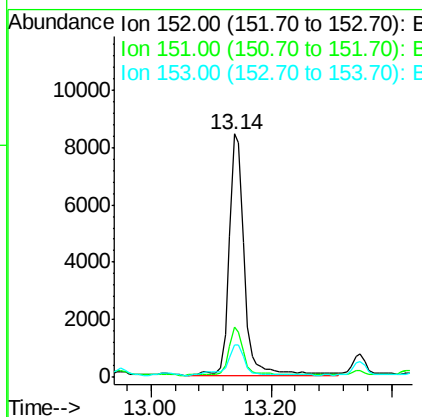
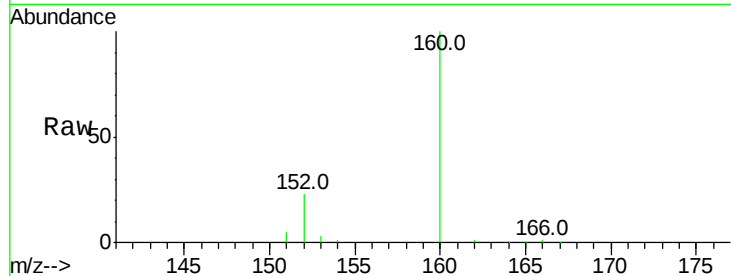
ClientSampleId :

A4HR7

Tot Ion:	152	Resp:	14751
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.5	11.3	16.9

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:19 PM



#10

Acenaphthene

Concen: 0.11 ng/ul

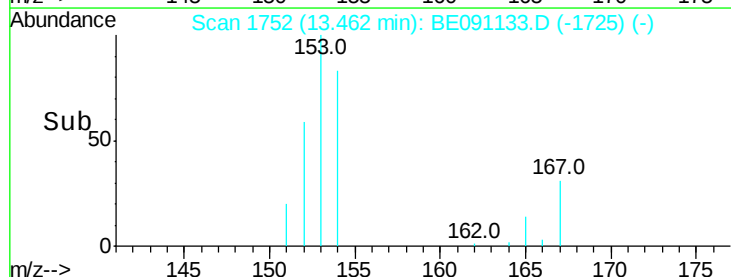
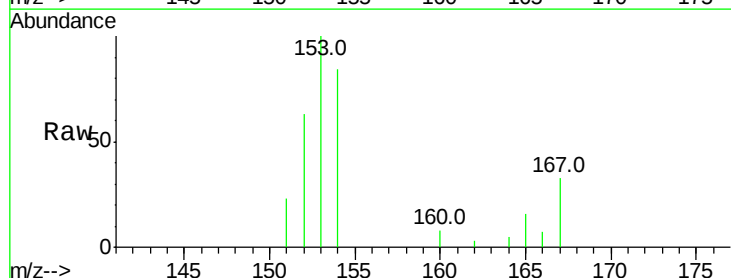
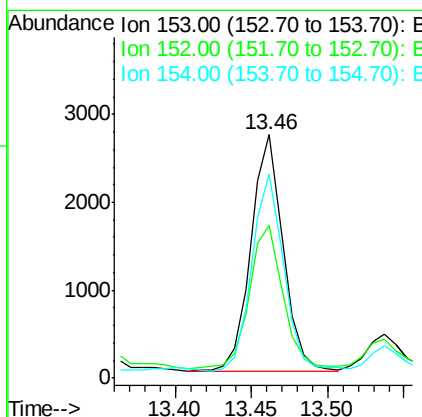
RT: 13.46 min Scan# 1752

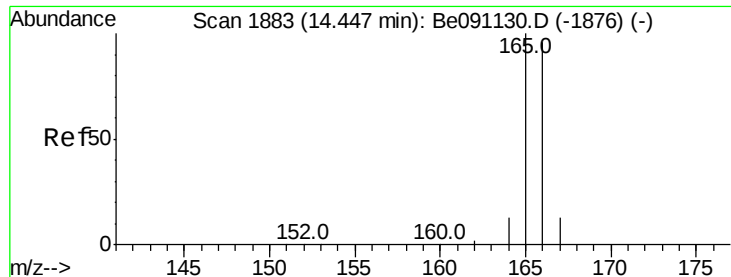
Delta R.T. 0.00 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Tgt Ion:	153	Resp:	3907
Ion Ratio	Lower	Upper	
153	100		
152	62.9	42.3	63.5
154	83.6	64.7	97.1





#11

Fluorene

Concen: 0.15 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Instrument :

BNA_E

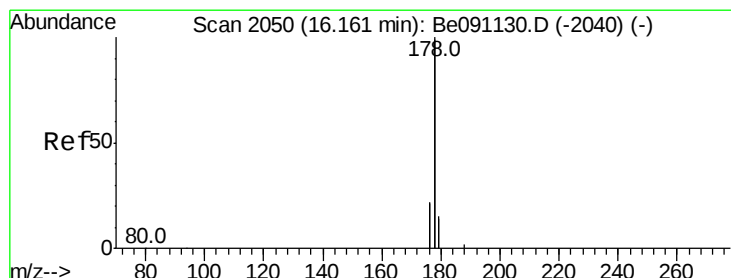
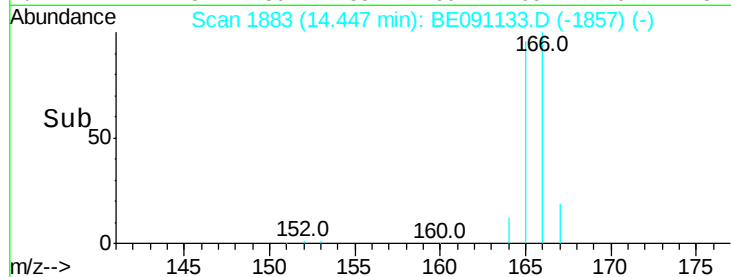
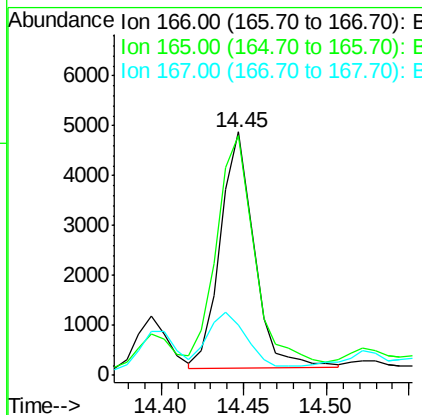
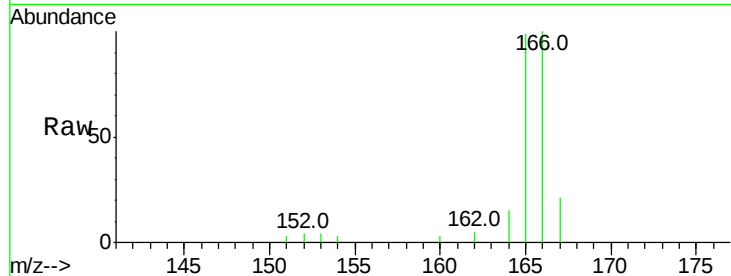
ClientSampleId :

A4HR7

Tot Ion:	166	Resp:	6739
Ion Ratio	Lower	Upper	
166	100		
165	98.5	87.6	131.4
167	20.8	11.1	16.7#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:19 PM



#14

Phenanthrene

Concen: 2.36 ng/ul

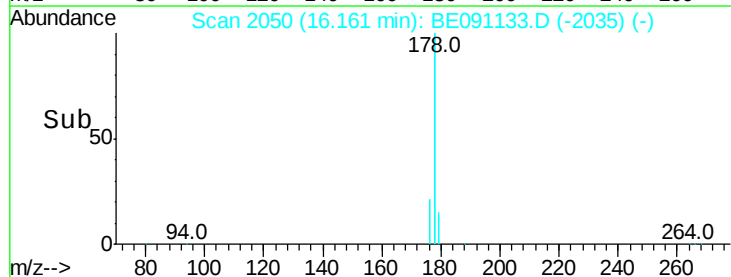
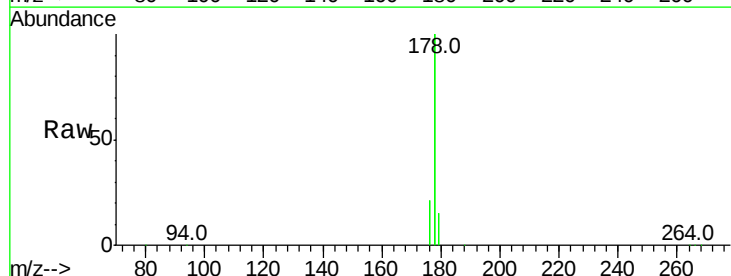
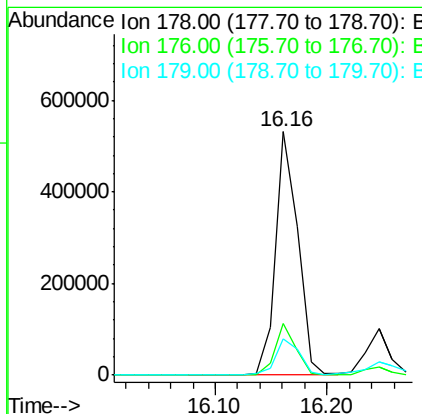
RT: 16.16 min Scan# 2050

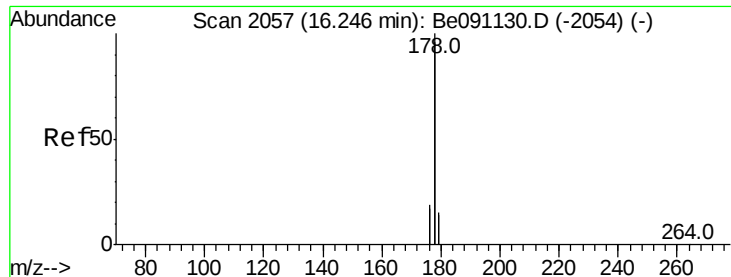
Delta R.T. -0.01 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Tgt Ion:	178	Resp:	723659
Ion Ratio	Lower	Upper	
178	100		
176	21.3	16.2	24.4
179	14.8	12.8	19.2





#15

Anthracene

Concen: 0.54 ng/ul m

RT: 16.25 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Instrument :

BNA_E

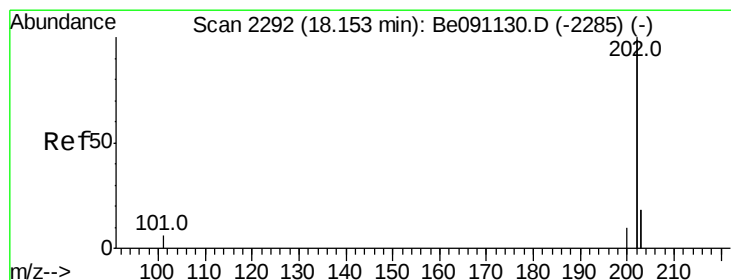
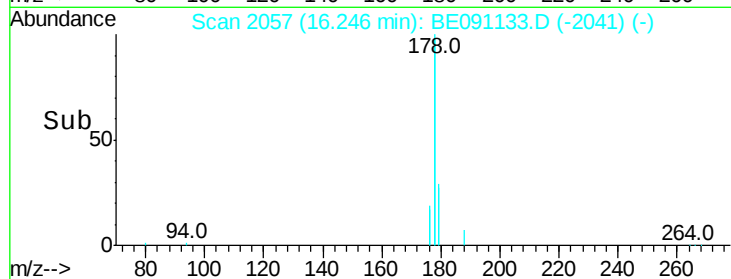
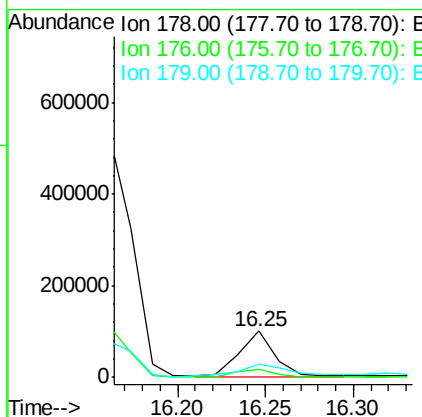
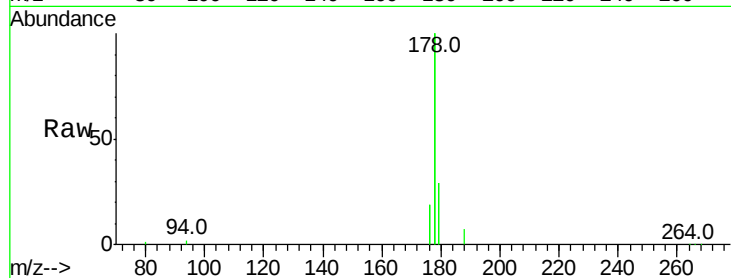
ClientSampleId :

A4HR7

Tot Ion:	178	Resp:	151094
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	28.9	13.3	19.9#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:19 PM



#17

Fluoranthene

Concen: 2.67 ng/ul m

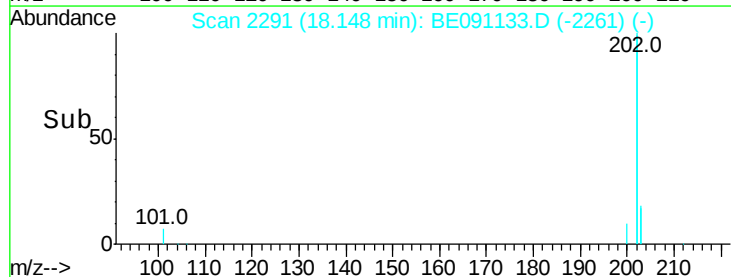
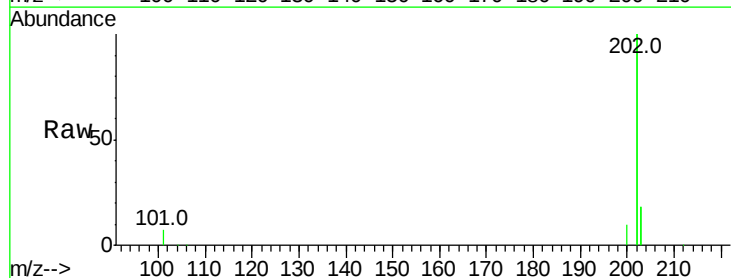
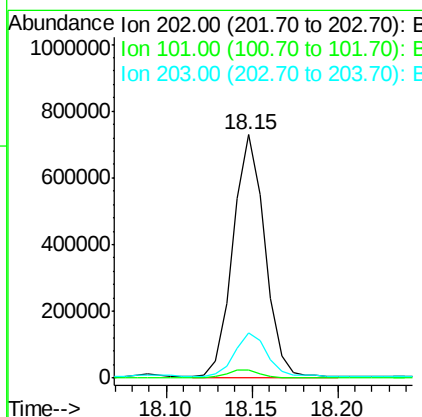
RT: 18.15 min Scan# 2291

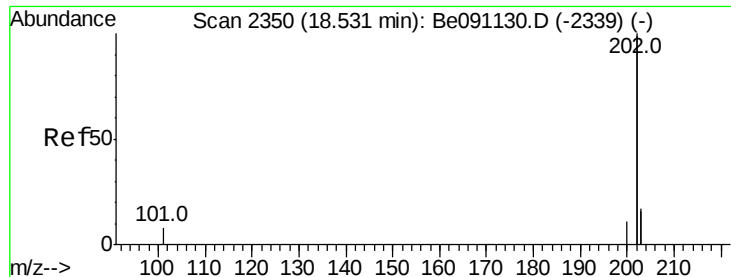
Delta R.T. -0.00 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Tgt Ion:	202	Resp:	958339
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	33.1
203	18.5	0.0	37.2





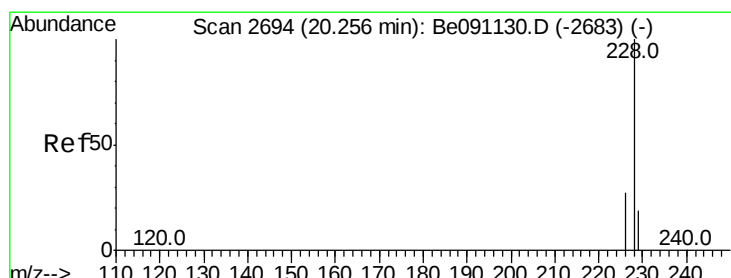
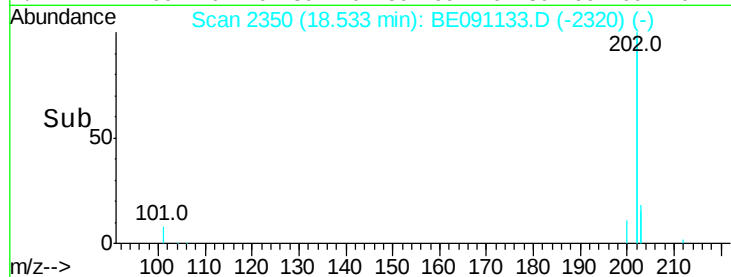
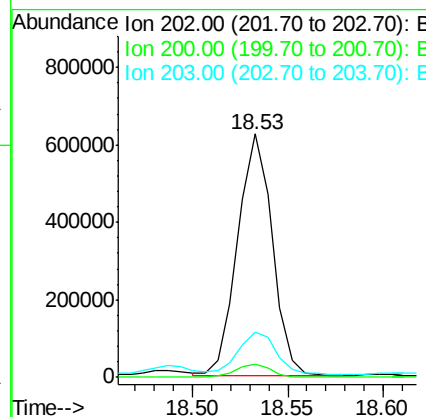
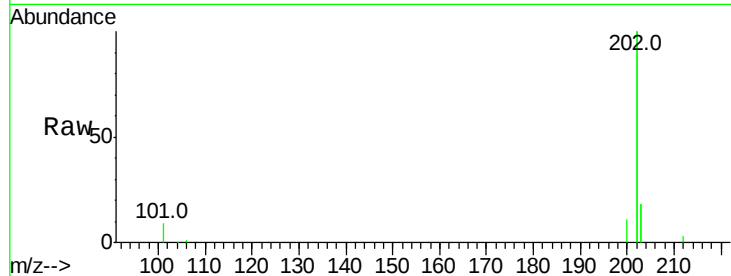
#19
Pvrene
Concen: 1.90 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BE091133.D
Acq: 12 Nov 2015 7:49

Instrument :
BNA_E
ClientSampleId :
A4HR7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	18.3	13.8	20.6

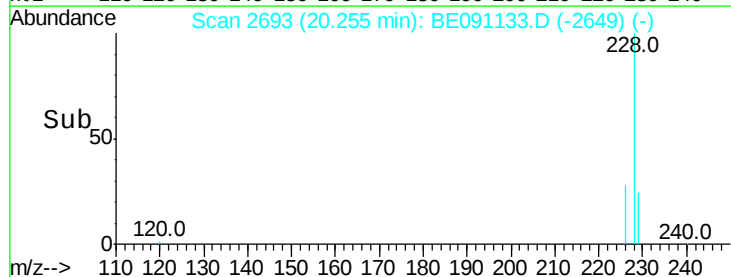
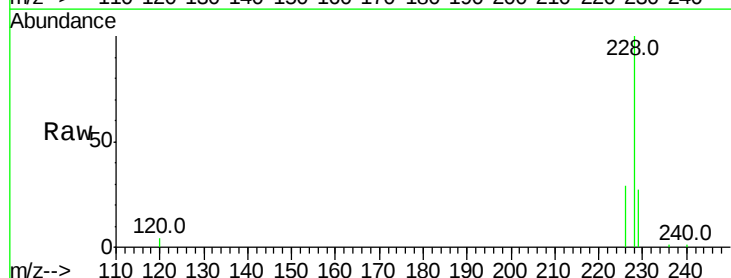
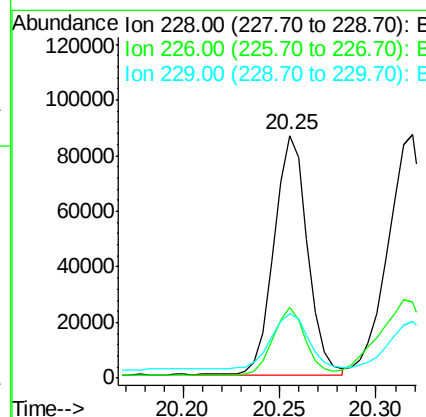
Manual Integrations
APPROVED

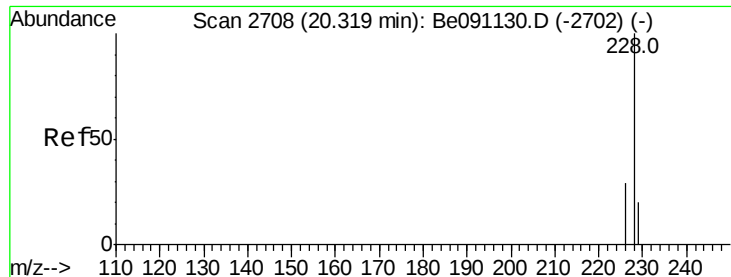
Mmdadoda
11/16/2015 12:42:19 PM



#20
Benzo(a)anthracene
Concen: 1.12 ng/ul
RT: 20.25 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE091133.D
Acq: 12 Nov 2015 7:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.1	23.0	34.4
229	26.7	15.2	22.8#





#21

Chrysene

Concen: 1.13 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Instrument :

BNA_E

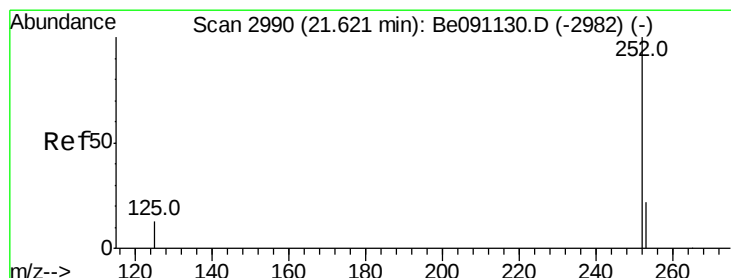
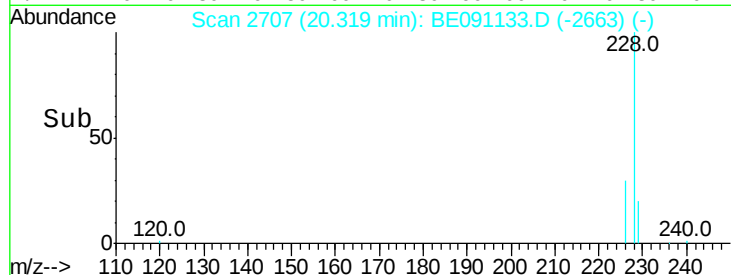
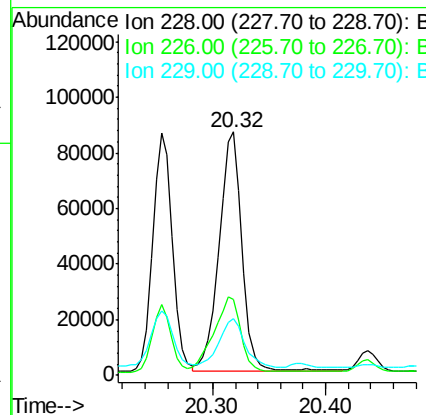
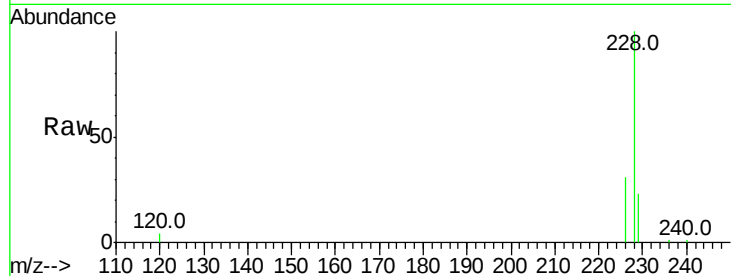
ClientSampleId :

A4HR7

Tot Ion:	228	Resp:	121364
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.7	38.5
229	23.5	15.2	22.8#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:19 PM



#23

Benzo(b)fluoranthene

Concen: 0.78 ng/ul

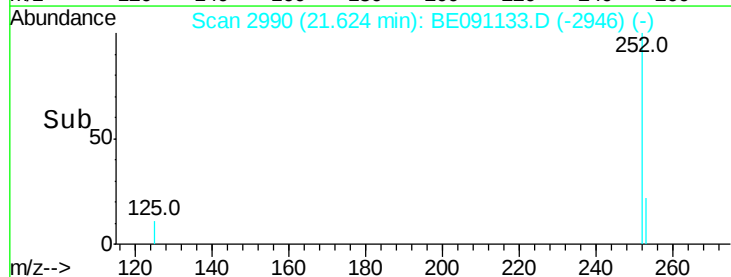
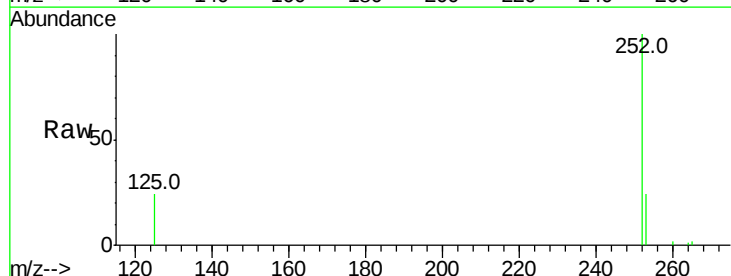
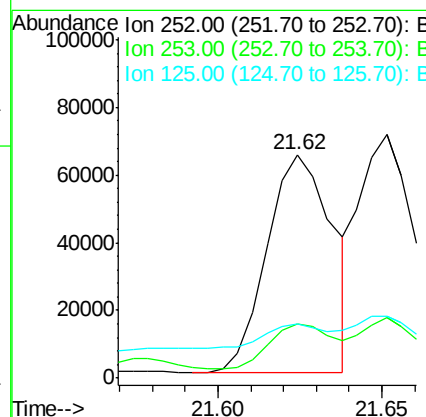
RT: 21.62 min Scan# 2990

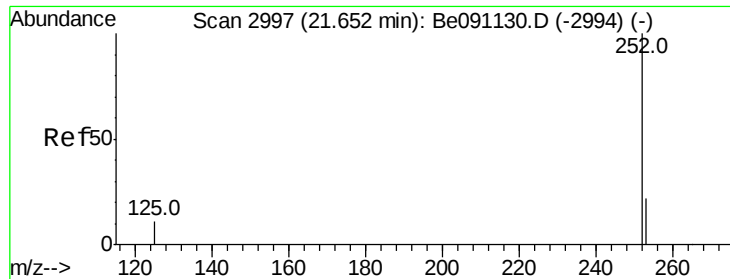
Delta R.T. -0.00 min

Lab File: BE091133.D

Acq: 12 Nov 2015 7:49

Tgt Ion:	252	Resp:	89794
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	48.0
125	24.0	0.0	36.6





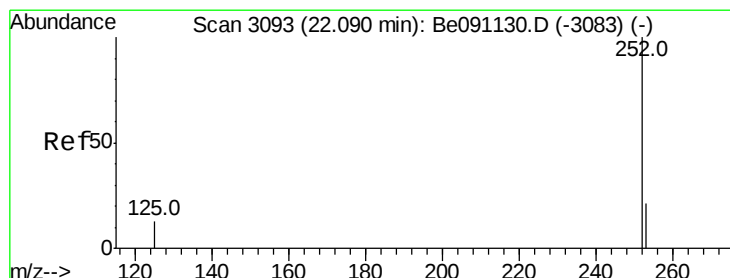
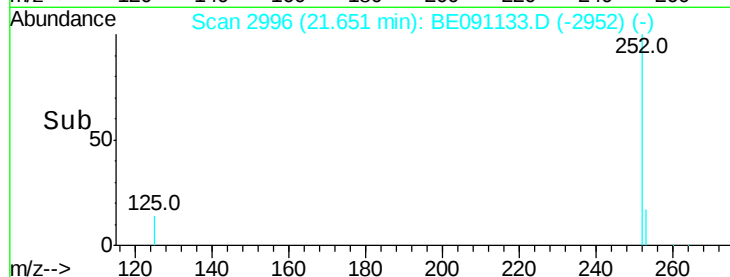
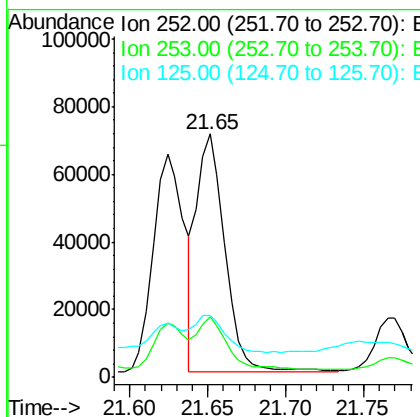
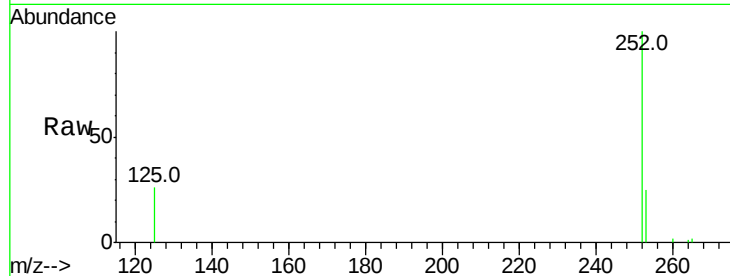
#24
Benzo(k)fluoranthene
Concen: 0.75 ng/ul
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091133.D
Acq: 12 Nov 2015 7:49

Instrument :
BNA_E
ClientSampleId :
A4HR7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	20.8	31.2
125	25.6	12.2	18.4#

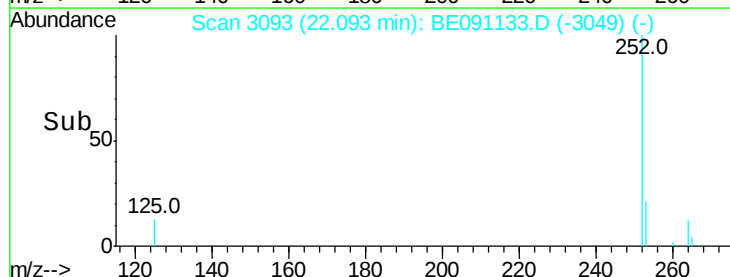
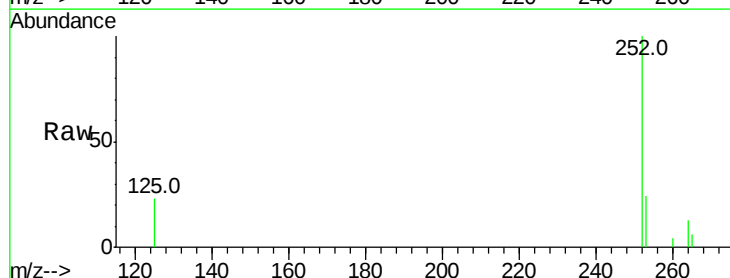
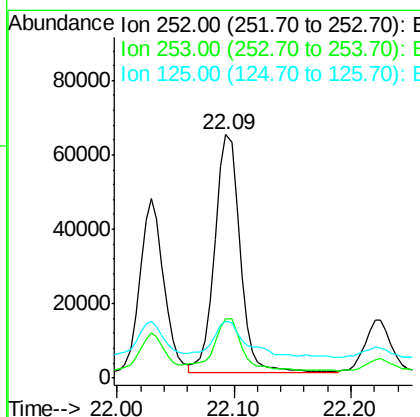
Manual Integrations
APPROVED

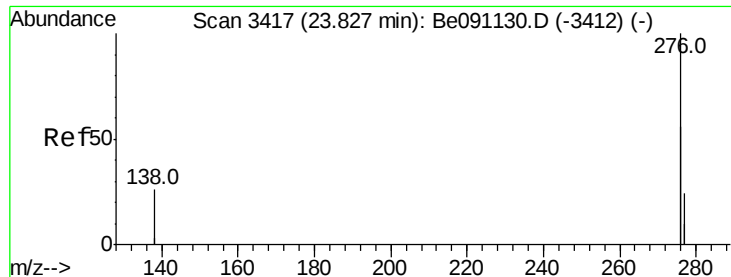
Mmdadoda
11/16/2015 12:42:19 PM



#25
Benzo(a)pyrene
Concen: 0.90 ng/ul
RT: 22.09 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BE091133.D
Acq: 12 Nov 2015 7:49

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.2	21.8	32.8
125	23.1	14.5	21.7#





#26

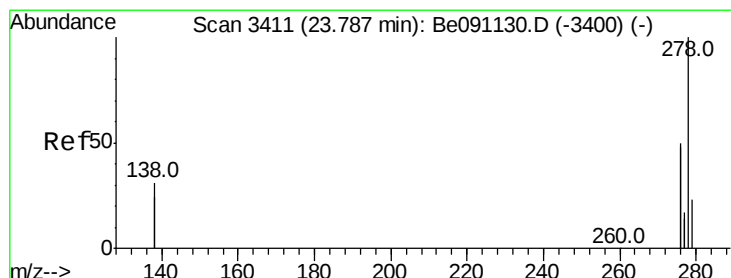
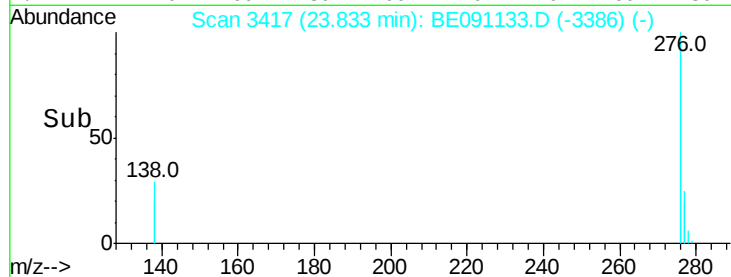
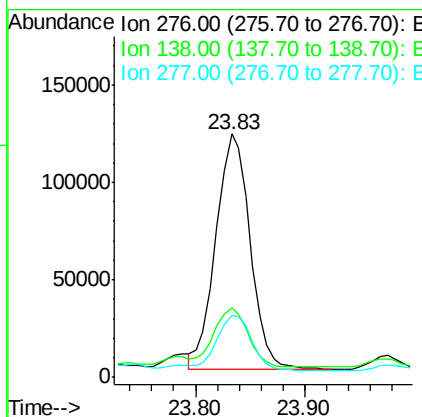
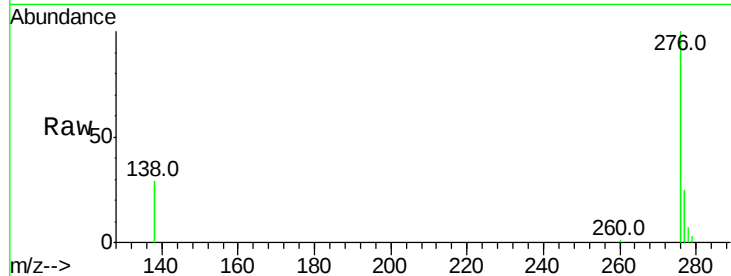
Indeno(1,2,3-cd)pyrene
Concen: 0.59 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091133.D
Acq: 12 Nov 2015 7:49

Instrument :
BNA_E
ClientSampleId :
A4HR7

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	27.5	41.3#
277	26.1	19.3	28.9

Manual Integrations
APPROVED

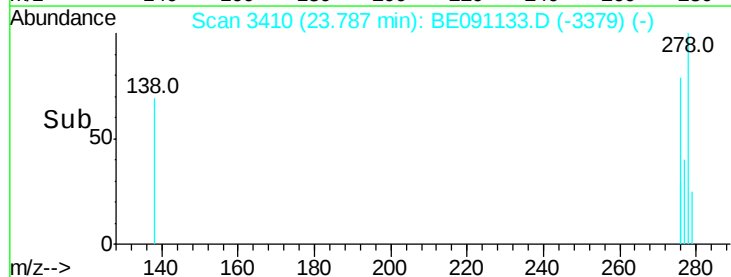
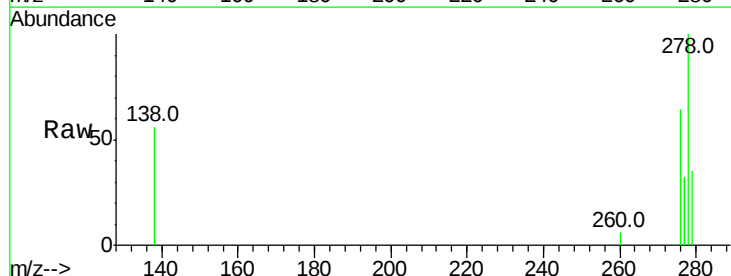
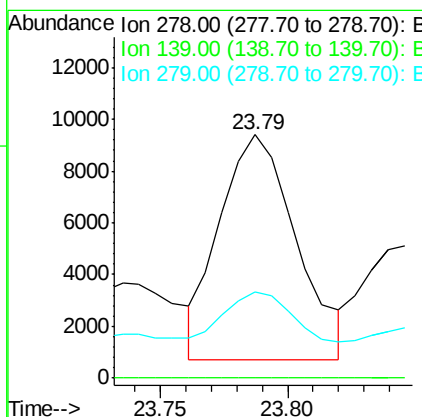
Mmdadoda
11/16/2015 12:42:19 PM

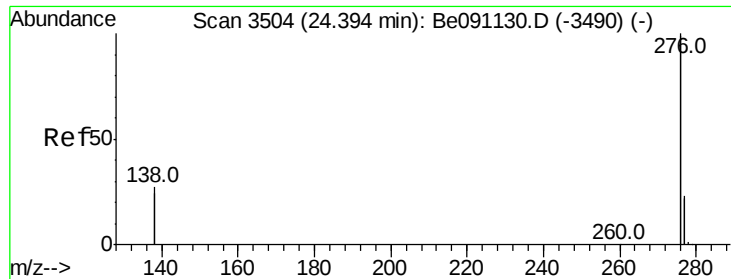


#27

Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091133.D
Acq: 12 Nov 2015 7:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	35.3	21.9	32.9#





#28

Benzo(a,h,i)perylene

Concen: 0.52 ng/ul

RT: 24.40 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BE091133.D

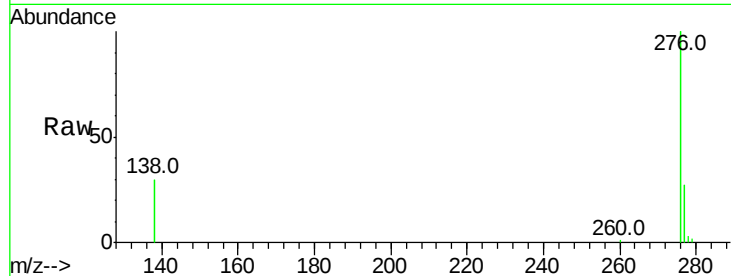
Acq: 12 Nov 2015 7:49

Instrument :

BNA_E

ClientSampleId :

A4HR7



Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	21.3	31.9
138	30.2	25.5	38.3

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:19 PM

