

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
 Data File : BE091232.D
 Acq On : 18 Nov 2015 17:43
 Operator : UM/NP
 Sample : G4273-05DL2 25X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP0DL2

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:46:42 PM

Quant Time: Nov 19 06:16:37 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 : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	2686	0.40	ng/ul	0.00
4) Naphthalene-d8	9.58	136	12801	0.40	ng/ul	0.02
8) Acenaphthene-d10	13.38	164	6576	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	22424	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	37881	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	33743	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng/ul	
16) Fluoranthene-d10	18.08	212	327	0.01	ng/ul	0.00
Target Compounds						
10) Acenaphthene	13.44	153	3642	0.16	ng/ul#	84
11) Fluorene	14.42	166	4874	0.17	ng/ul	93
14) Phenanthrene	16.12	178	62840	0.24	ng/ul	99
15) Anthracene	16.21	178	50292	0.21	ng/ul	99
17) Fluoranthene	18.10	202	84542	0.28	ng/ul	89
19) Pyrene	18.48	202	65782	0.15	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	5344	0.05	ng/ul	96
21) Chrysene	20.26	228	7553	0.07	ng/ul	98
23) Benzo(b)fluoranthene	21.56	252	3539	0.03	ng/ul	92
24) Benzo(k)fluoranthene	21.58	252	3811m	0.04	ng/ul	
25) Benzo(a)pyrene	22.01	252	4538	0.05	ng/ul	96

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

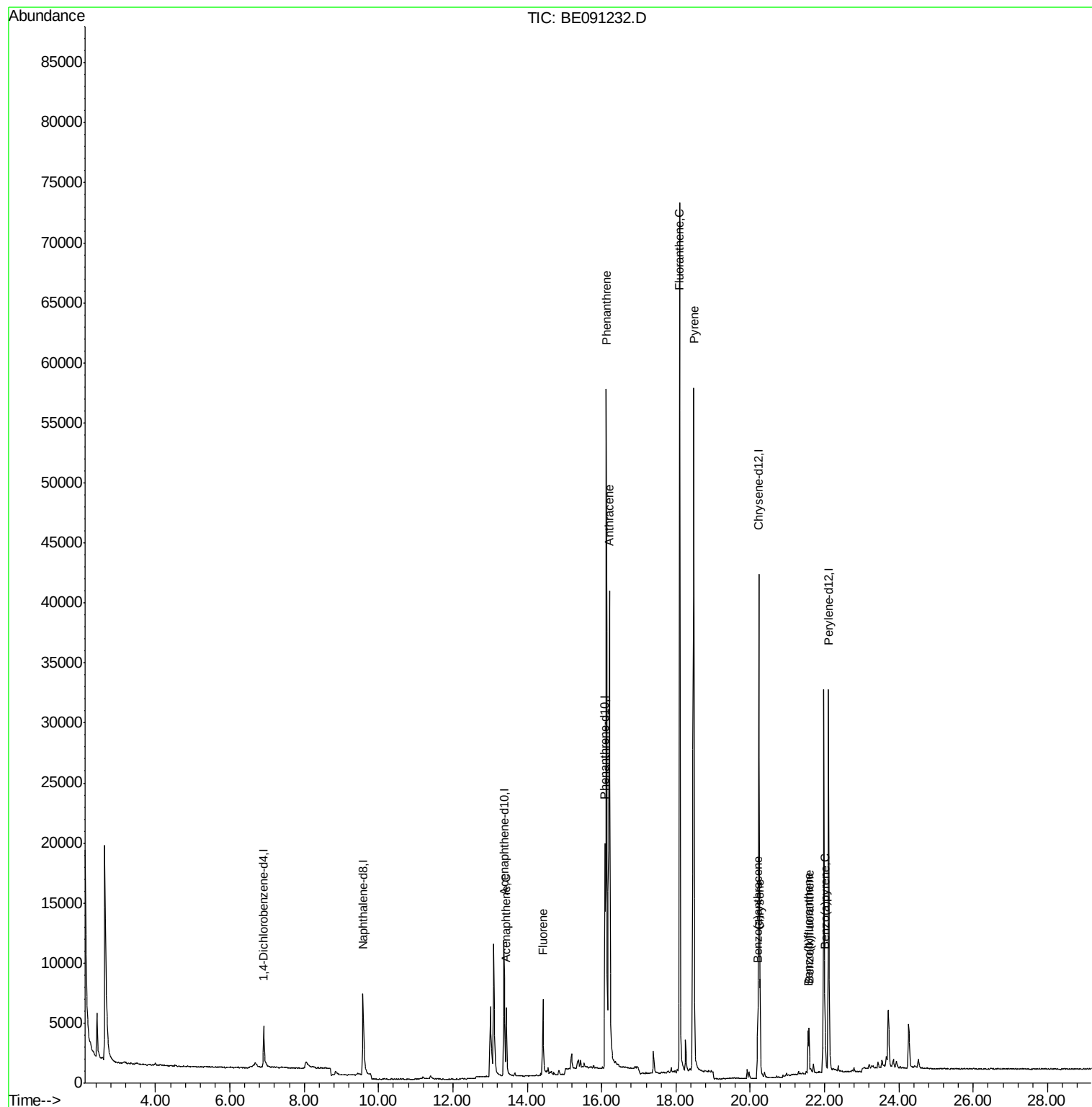
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
Data File : BE091232.D
Acq On : 18 Nov 2015 17:43
Operator : UM/NP
Sample : G4273-05DL2 25X
Misc :
ALS Vial : 38 Sample Multiplier: 1

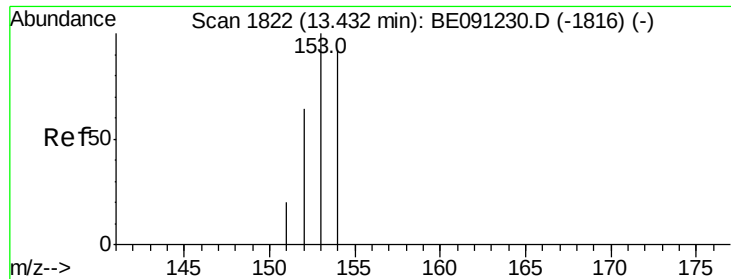
Instrument :
BNA_E
ClientSampleId :
C0AP0DL2

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:42 PM

Quant Time: Nov 19 06:16:37 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 : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration





#10

Acenaphthene

Concen: 0.16 ng/ul

RT: 13.44 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BE091232.D

Acq: 18 Nov 2015 17:43

Instrument :

BNA_E

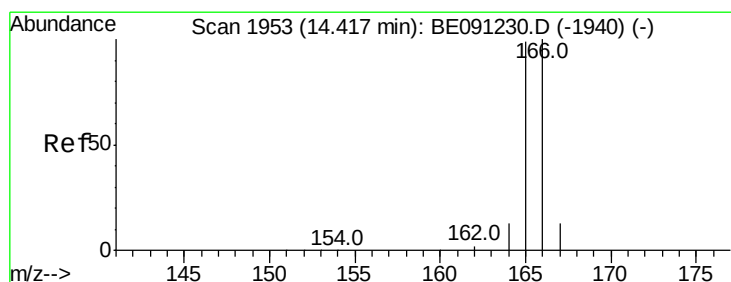
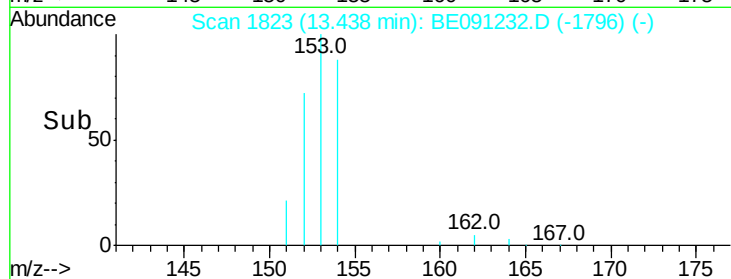
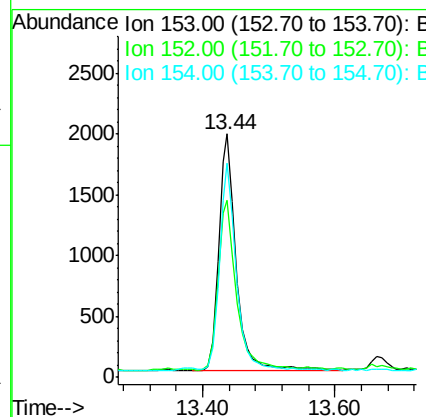
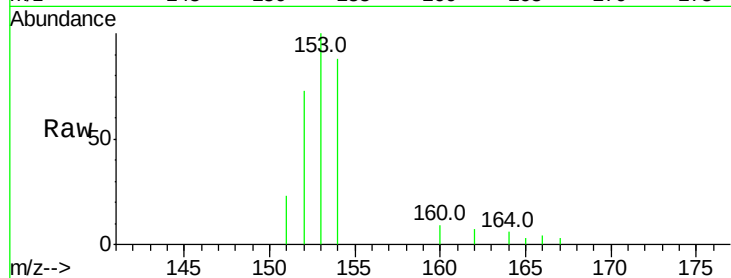
ClientSampleId :

C0AP0DL2

Tot Ion:	153	Resp:	3642
Ion Ratio	Lower	Upper	
153	100		
152	72.9	42.3	63.5#
154	88.2	64.7	97.1

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:42 PM



#11

Fluorene

Concen: 0.17 ng/ul

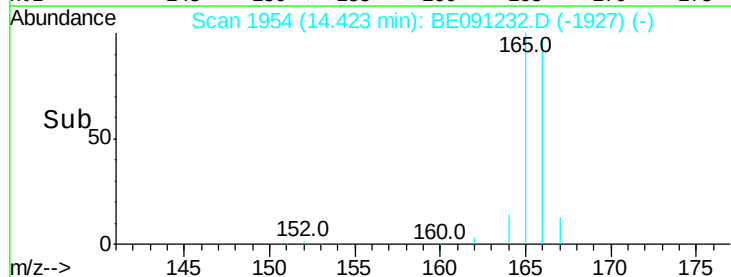
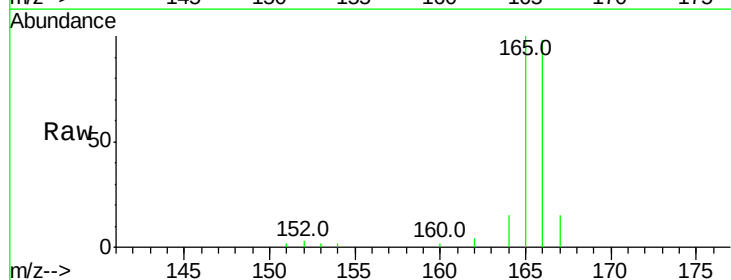
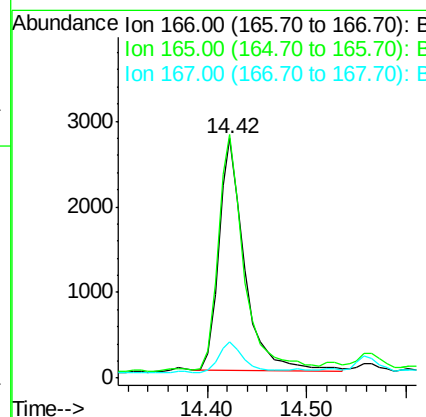
RT: 14.42 min Scan# 1954

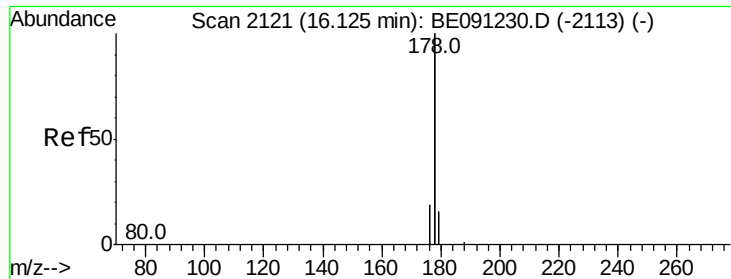
Delta R.T. 0.01 min

Lab File: BE091232.D

Acq: 18 Nov 2015 17:43

Tgt Ion:	166	Resp:	4874
Ion Ratio	Lower	Upper	
166	100		
165	101.6	87.6	131.4
167	15.3	11.1	16.7





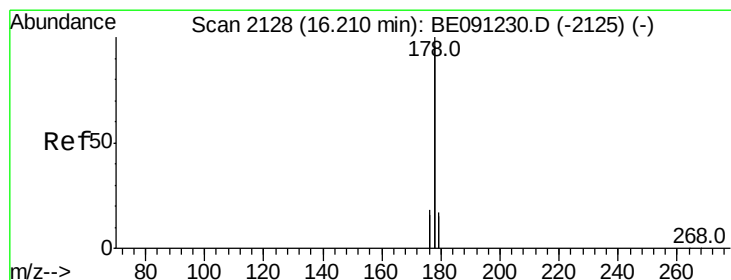
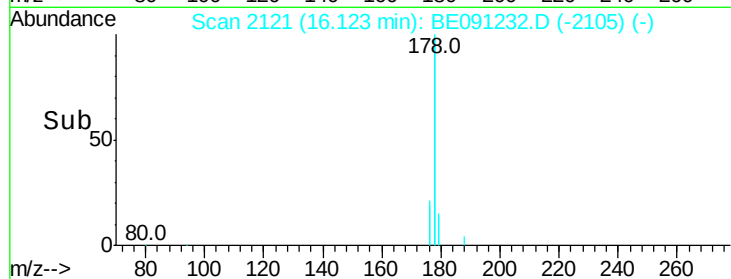
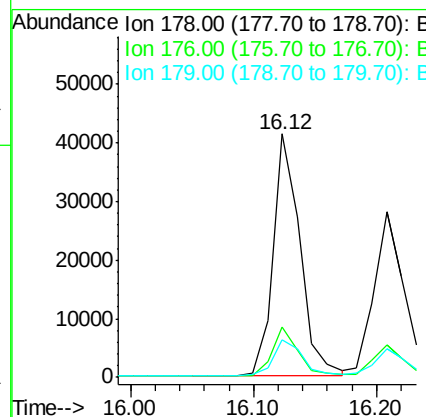
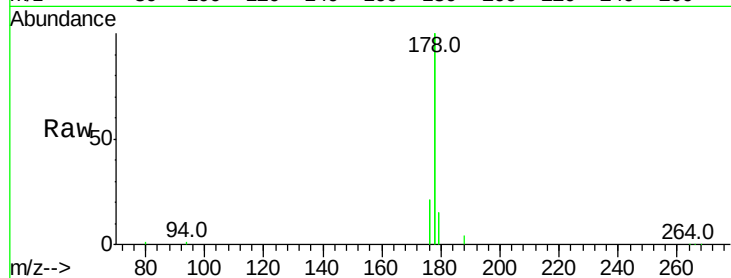
#14
Phenanthrene
Concen: 0.24 ng/ul
RT: 16.12 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE091232.D
Acq: 18 Nov 2015 17:43

Instrument :
BNA_E
ClientSampleId :
C0AP0DL2

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	15.2	12.8	19.2

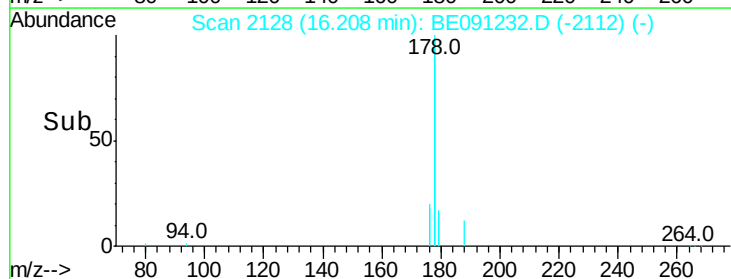
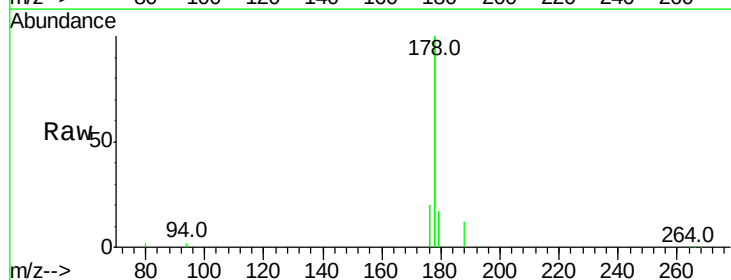
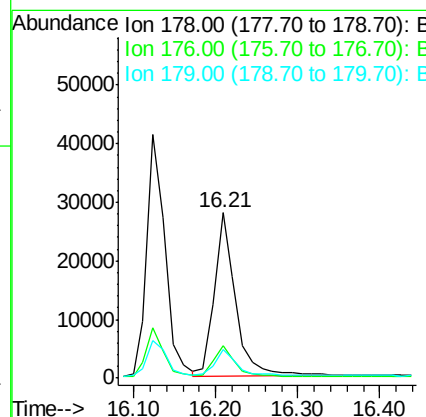
Manual Integrations
APPROVED

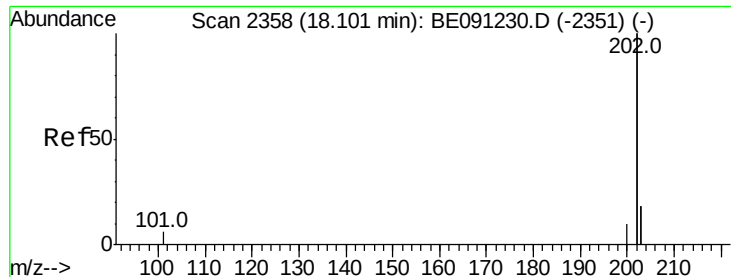
Mmdadoda
11/19/2015 6:46:42 PM



#15
Anthracene
Concen: 0.21 ng/ul
RT: 16.21 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE091232.D
Acq: 18 Nov 2015 17:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	17.0	13.3	19.9





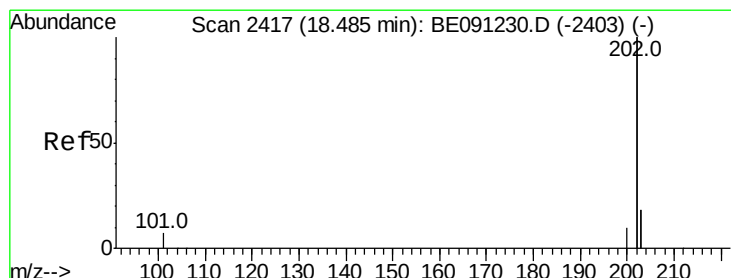
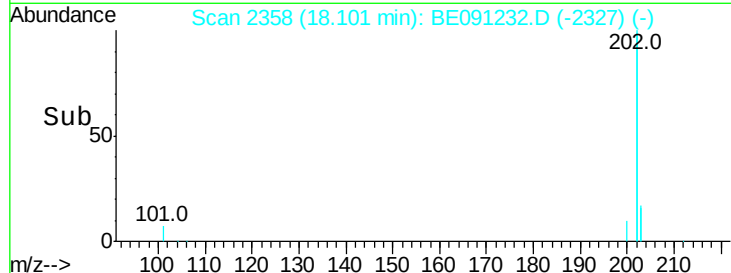
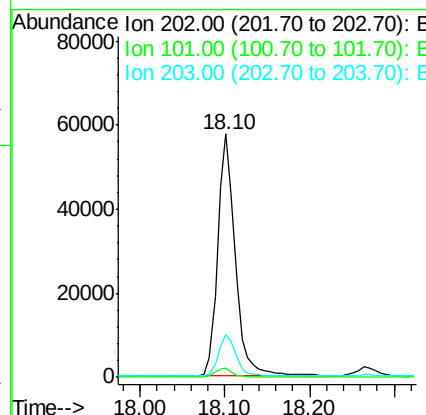
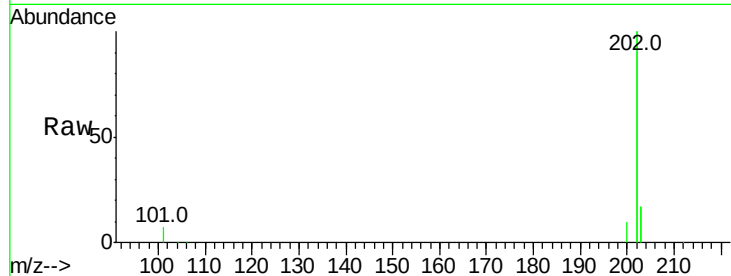
#17
Fluoranthene
Concen: 0.28 ng/ul
RT: 18.10 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BE091232.D
Acq: 18 Nov 2015 17:43

Instrument :
BNA_E
ClientSampleId :
C0AP0DL2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	84542		
101	3.6	0.0	33.1	
203	17.4	0.0	37.2	

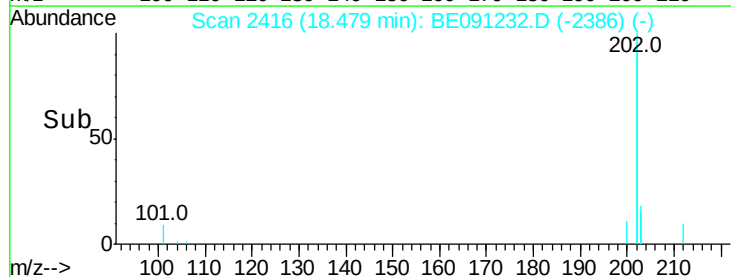
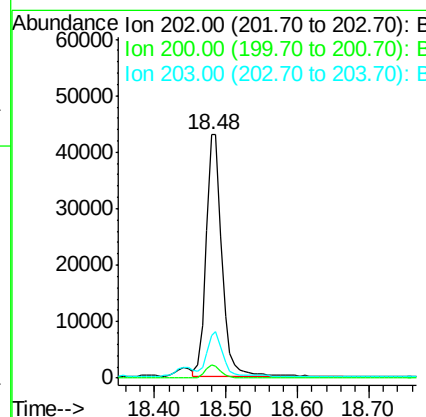
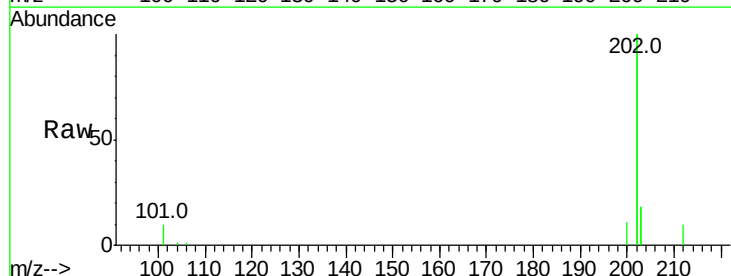
Manual Integrations
APPROVED

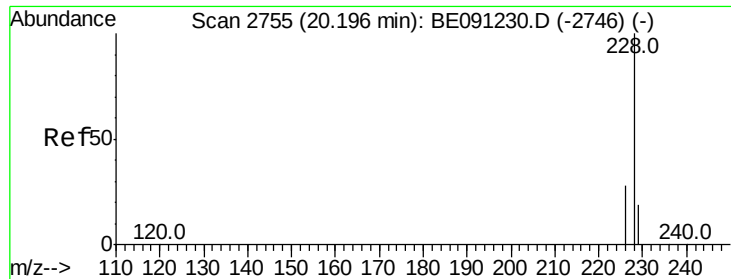
Mmdadoda
11/19/2015 6:46:42 PM



#19
Pyrene
Concen: 0.15 ng/ul
RT: 18.48 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BE091232.D
Acq: 18 Nov 2015 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	65782		
200	5.5	18.0	27.0#	
203	17.6	13.8	20.6	





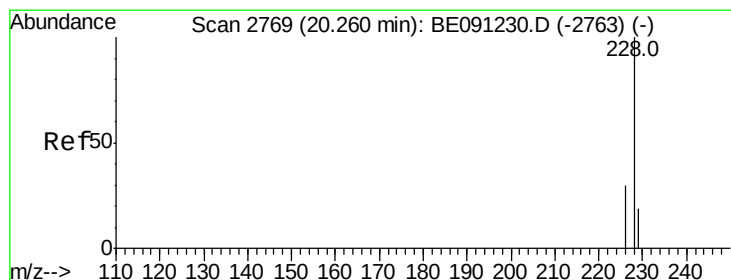
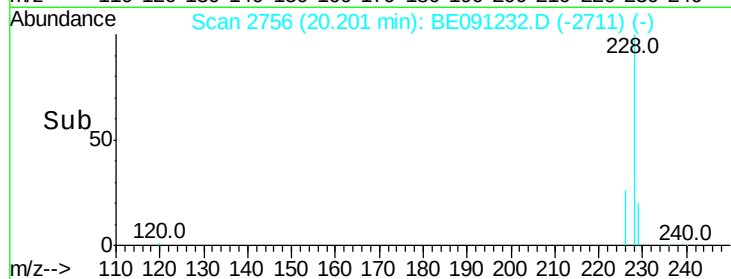
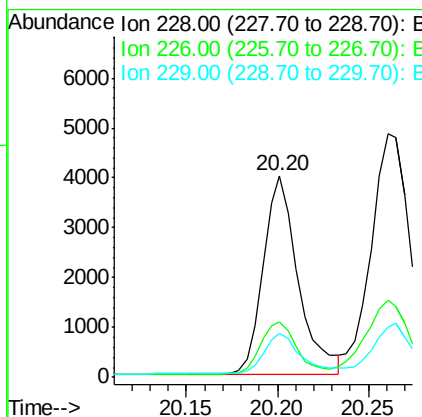
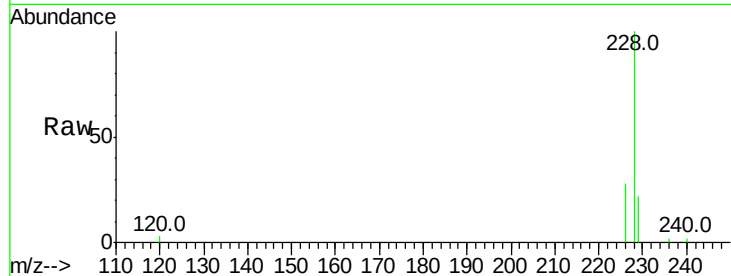
#20
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 20.20 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BE091232.D
Acq: 18 Nov 2015 17:43

Instrument :
BNA_E
ClientSampleId :
C0AP0DL2

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	21.8	15.2	22.8

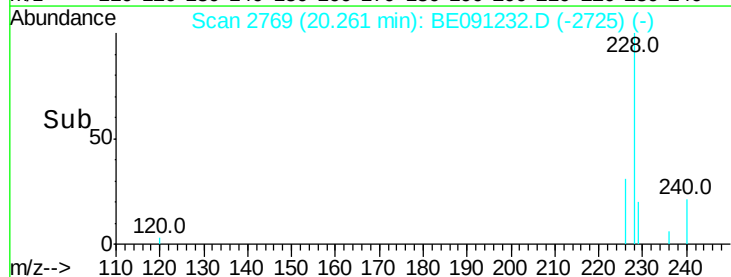
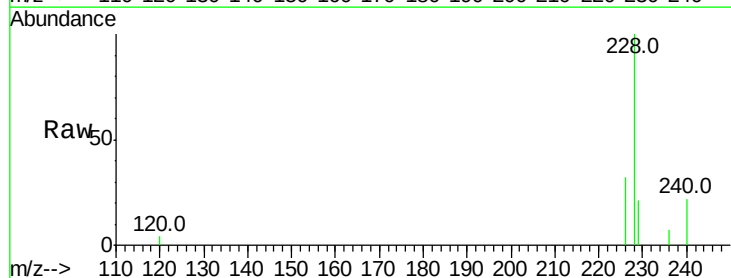
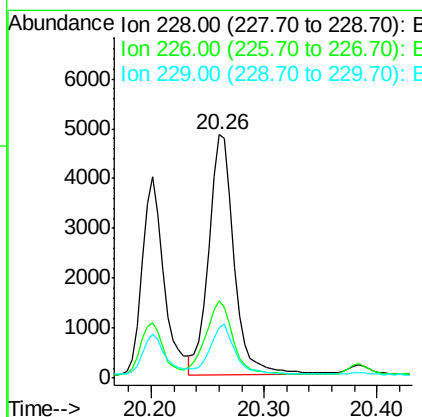
Manual Integrations
APPROVED

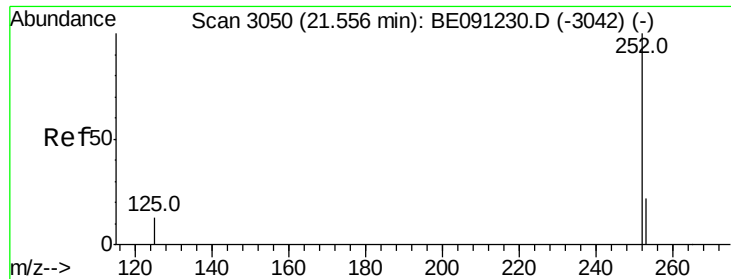
Mmdadoda
11/19/2015 6:46:42 PM



#21
Chrysene
Concen: 0.07 ng/ul
RT: 20.26 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BE091232.D
Acq: 18 Nov 2015 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.7	38.5
229	20.6	15.2	22.8





#23

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 21.56 min Scan# 3051

Delta R.T. 0.01 min

Lab File: BE091232.D

Acq: 18 Nov 2015 17:43

Instrument :

BNA_E

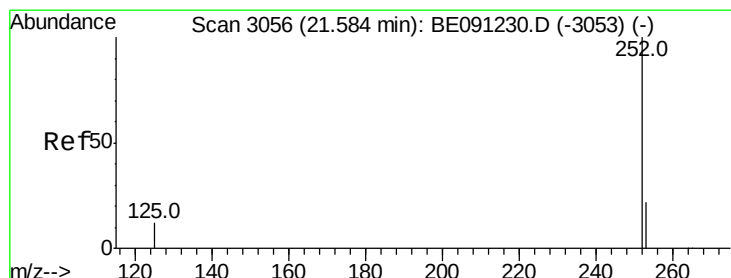
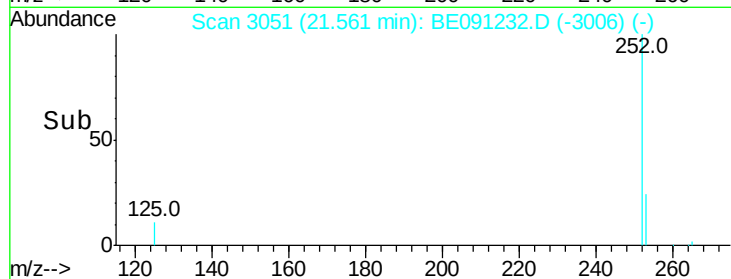
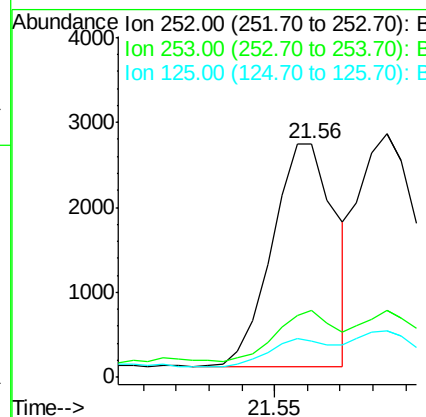
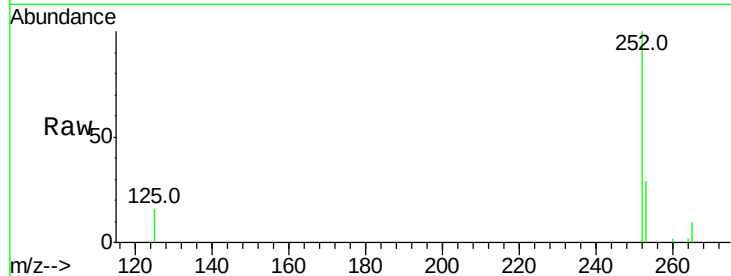
ClientSampleId :

C0AP0DL2

Tot Ion:	252	Resp:	3539
Ion Ratio	Lower	Upper	
252	100		
253	28.8	0.0	48.0
125	15.6	0.0	36.6

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:42 PM



#24

Benzo(k)fluoranthene

Concen: 0.04 ng/ul m

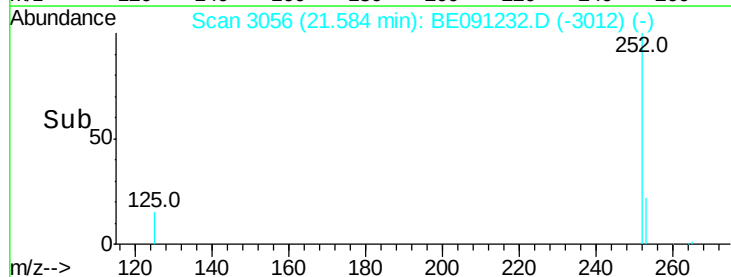
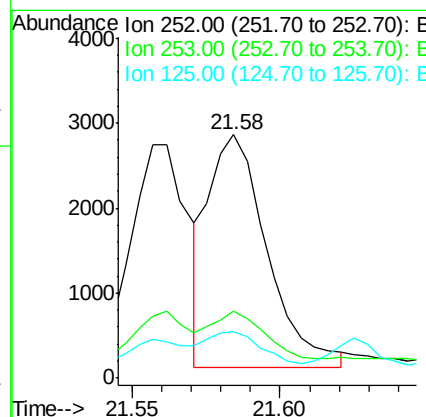
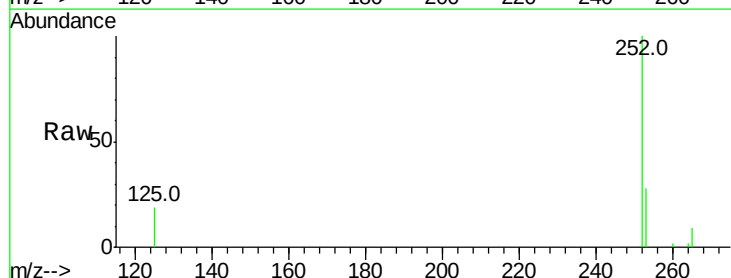
RT: 21.58 min Scan# 3056

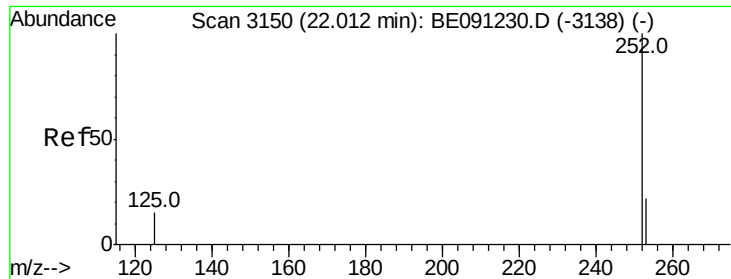
Delta R.T. 0.00 min

Lab File: BE091232.D

Acq: 18 Nov 2015 17:43

Tgt Ion:	252	Resp:	3811
Ion Ratio	Lower	Upper	
252	100		
253	27.5	20.8	31.2
125	19.0	12.2	18.4#





#25

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 22.01 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BE091232.D

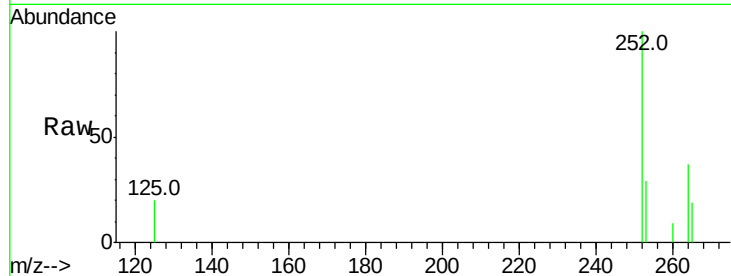
Acq: 18 Nov 2015 17:43

Instrument :

BNA_E

ClientSampleId :

C0AP0DL2



Tot Ion:	252	Resp:	4538
Ion Ratio	Lower	Upper	
252	100		
253	29.2	21.8	32.8
125	20.0	14.5	21.7

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:42 PM

