

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
 Data File : BE089834.D
 Acq On : 25 Mar 2015 6:17
 Operator : TP/JJ
 Sample : G1575-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-24V

Manual Integrations
 APPROVED

mohammad
 3/25/2015 5:42:53 PM

Quant Time: Mar 25 17:21:47 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 16:20:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	208943	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	850500	5.00	ng	0.00
8) Acenaphthene-d10	14.40	164	387700	5.00	ng	0.01
13) Phenanthrene-d10	17.93	188	683738	5.00	ng	0.00
19) Chrysene-d12	24.26	240	658072	5.00	ng	0.00
25) Perylene-d12	27.42	264	611242	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	174784	2.99	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	284261	3.13	ng	0.00
21) Terphenyl-d14	21.87	244	329434	3.39	ng	0.00
Target Compounds						Qvalue
16) Phenanthrene	17.97	178	4783	0.03	ng	96
18) Fluoranthene	20.83	202	8644	0.06	ng	96
20) Pyrene	21.35	202	8406	0.05	ng	96
22) Benzo(a)anthracene	24.25	228	4108m	0.03	ng	
23) Chrysene	24.32	228	5583m	0.04	ng	

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

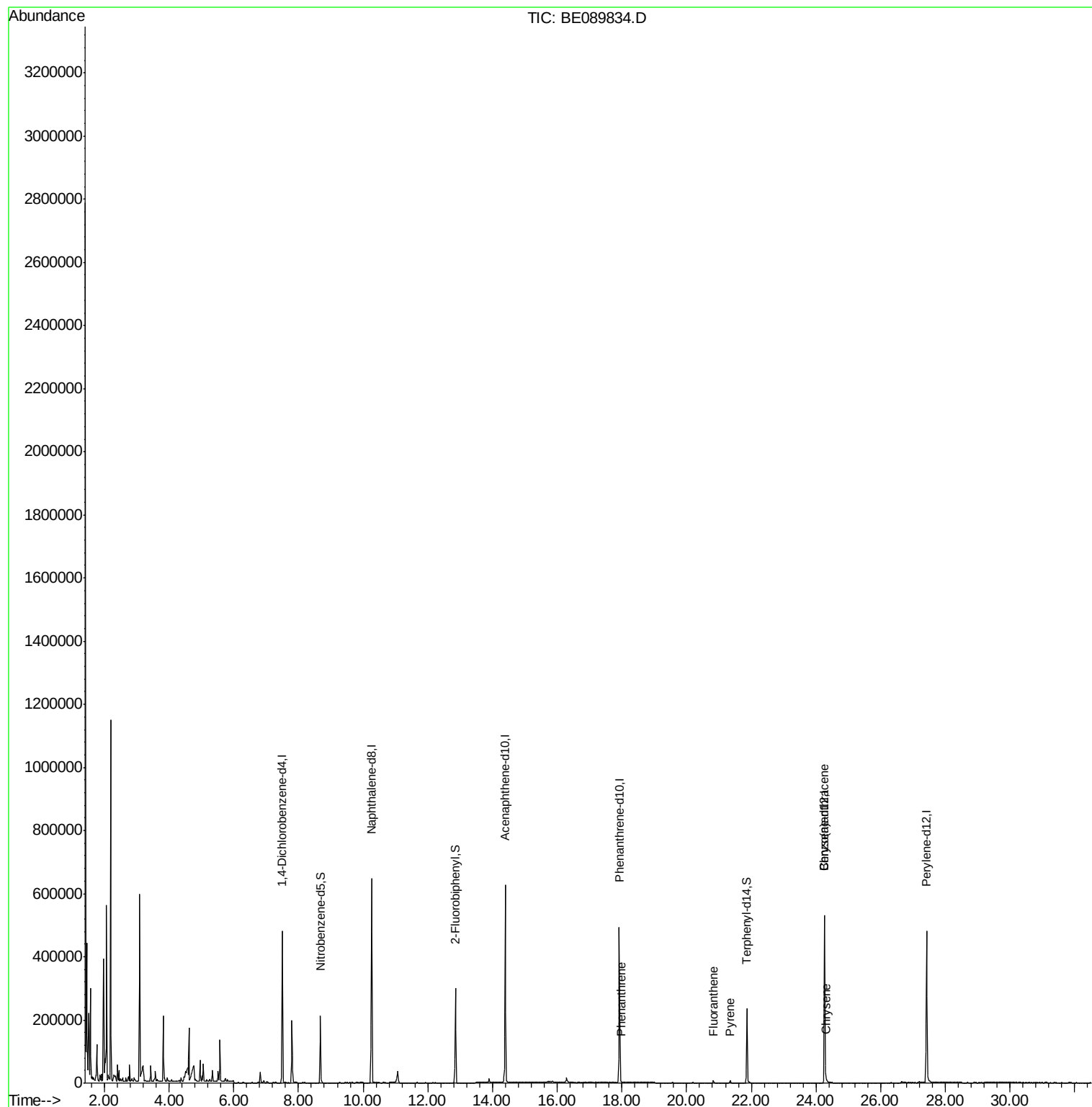
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089834.D
Acq On : 25 Mar 2015 6:17
Operator : TP/JJ
Sample : G1575-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

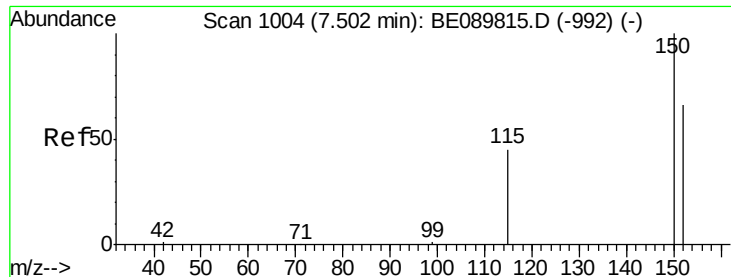
Instrument :
BNA_E
ClientSampleId :
MW-24V

Manual Integrations
APPROVED

mohammad
3/25/2015 5:42:53 PM

Quant Time: Mar 25 17:21:47 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 16:20:31 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.50 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE089834.D

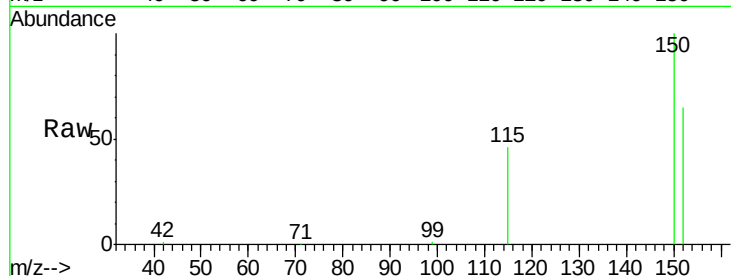
Acq: 25 Mar 2015 6:17

Instrument :

BNA_E

ClientSampleId :

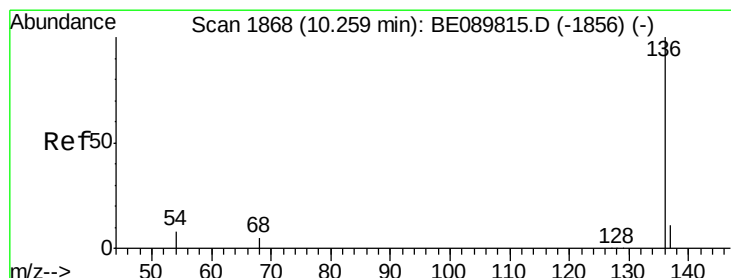
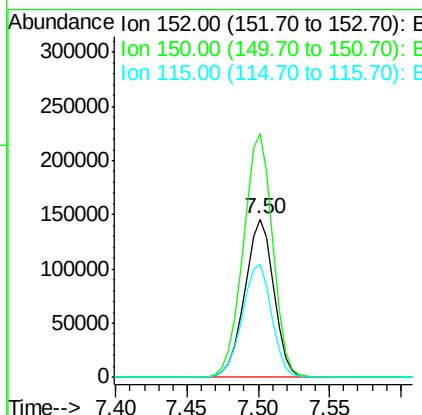
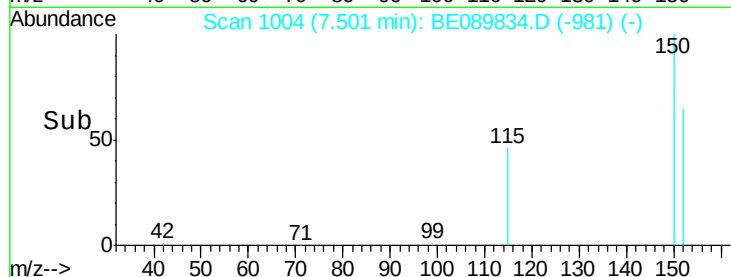
MW-24V



Tgt	Ion	152	Resp:	208943
Ion	Ratio	Lower	Upper	
152	100			
150	153.9	125.5	188.3	
115	71.2	58.0	87.0	

Manual Integrations
APPROVED

mohammad
3/25/2015 5:42:53 PM



#4

Naphthalene-d8

Concen: 5.00 ng

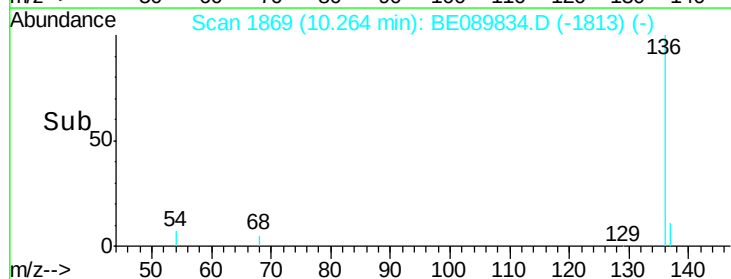
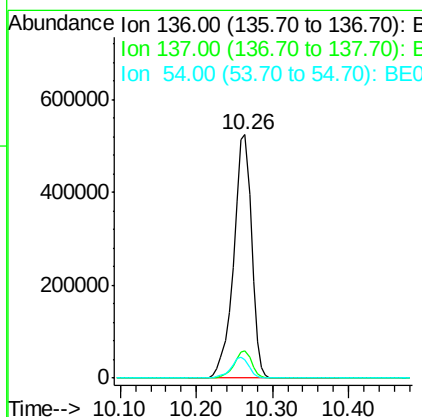
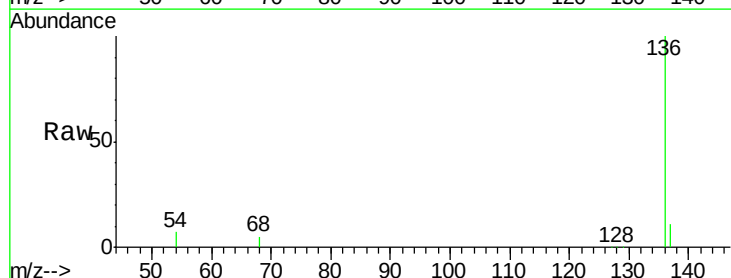
RT: 10.26 min Scan# 1869

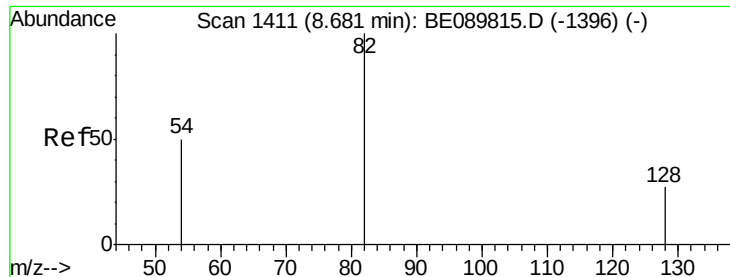
Delta R.T. 0.01 min

Lab File: BE089834.D

Acq: 25 Mar 2015 6:17

Tgt	Ion	136	Resp:	850500
Ion	Ratio	Lower	Upper	
136	100			
137	11.2	8.8	13.2	
54	7.4	7.0	10.4	





#5

Nitrobenzene-d5

Concen: 2.99 ng

RT: 8.68 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BE089834.D

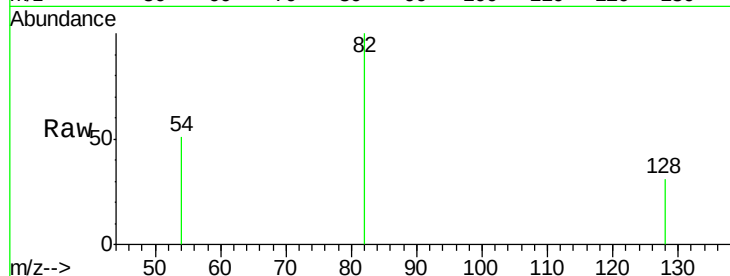
Acq: 25 Mar 2015 6:17

Instrument :

BNA_E

ClientSampleId :

MW-24V



Tgt Ion: 82 Resp: 174784

Ion Ratio Lower Upper

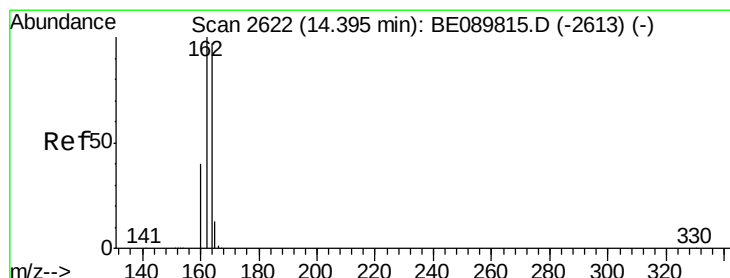
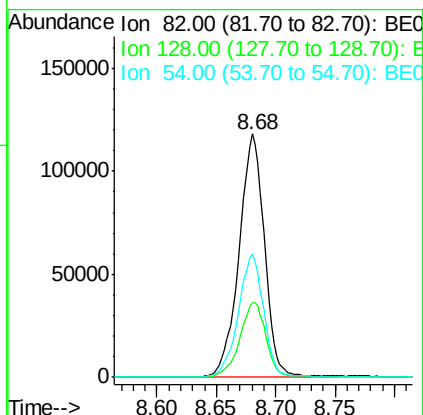
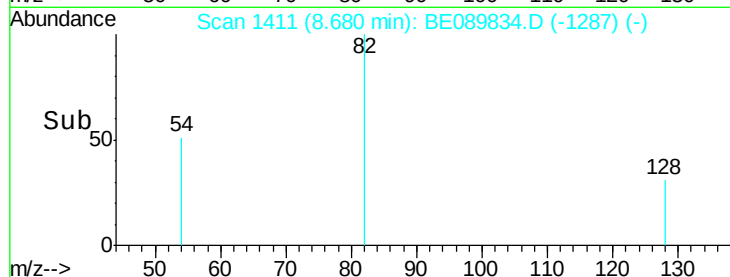
82 100

128 30.7 24.6 37.0

54 50.8 43.0 64.6

Manual Integrations
APPROVED

mohammad
3/25/2015 5:42:53 PM



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BE089834.D

Acq: 25 Mar 2015 6:17

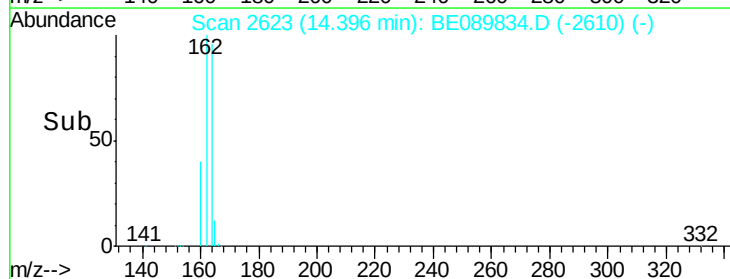
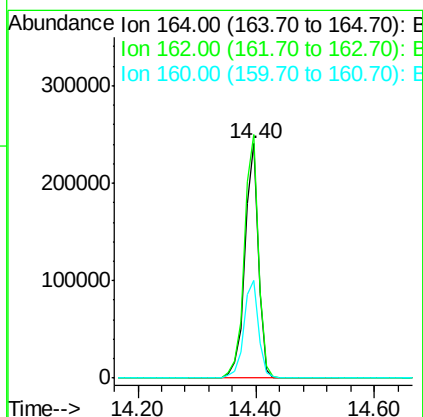
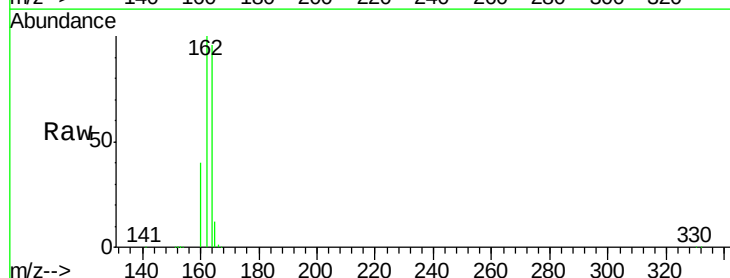
Tgt Ion: 164 Resp: 387700

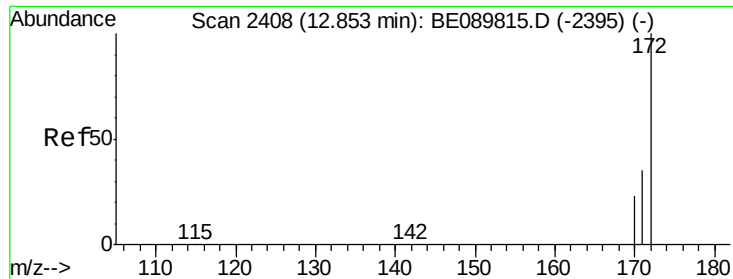
Ion Ratio Lower Upper

164 100

162 103.9 87.6 131.4

160 41.9 36.7 55.1





#9

2-Fluorobiphenyl

Concen: 3.13 ng

RT: 12.85 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BE089834.D

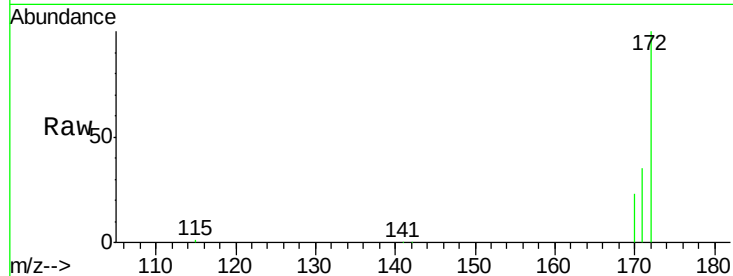
Acq: 25 Mar 2015 6:17

Instrument :

BNA_E

ClientSampled :

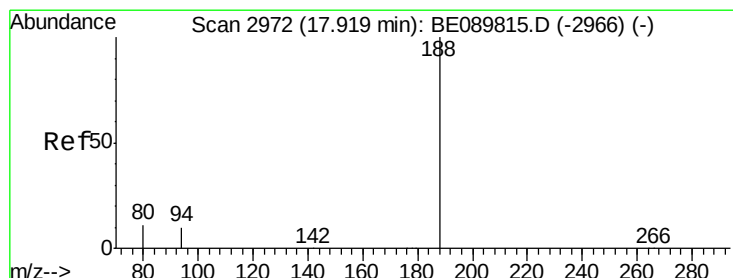
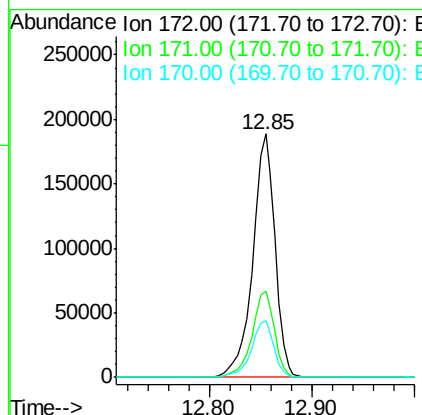
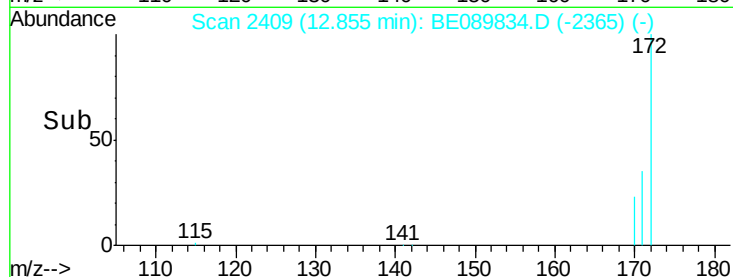
MW-24V



Tgt Ion:	172	Resp:	284261
Ion Ratio	Lower	Upper	
172	100		
171	35.4	30.8	46.2
170	23.1	21.0	31.4

Manual Integrations
APPROVED

mohammad
3/25/2015 5:42:53 PM



#13

Phenanthrene-d10

Concen: 5.00 ng

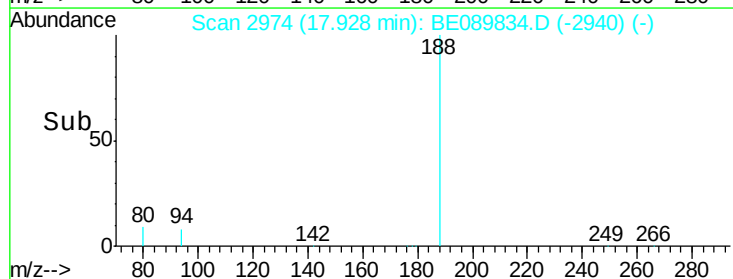
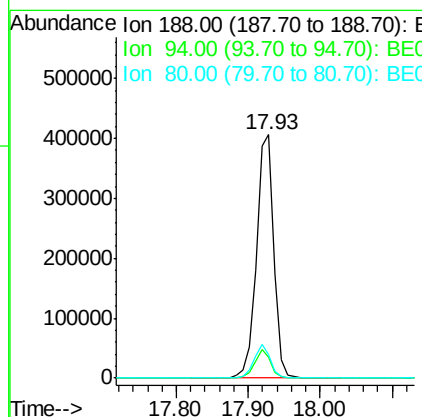
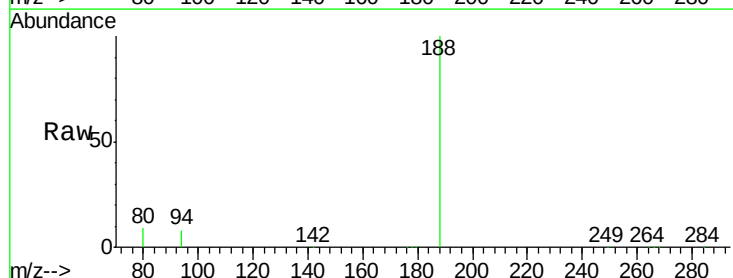
RT: 17.93 min Scan# 2974

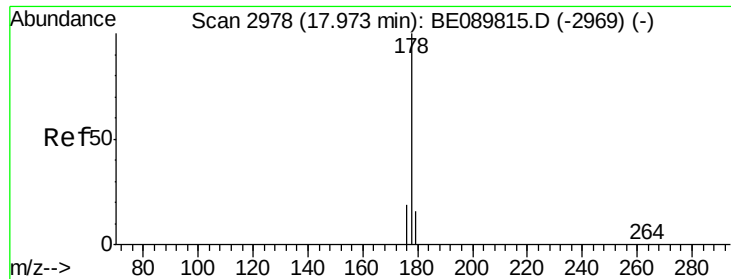
Delta R.T. 0.01 min

Lab File: BE089834.D

Acq: 25 Mar 2015 6:17

Tgt Ion:	188	Resp:	683738
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.5	12.7#
80	9.5	10.0	15.0#





#16

Phenanthrene

Concen: 0.03 ng

RT: 17.97 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BE089834.D

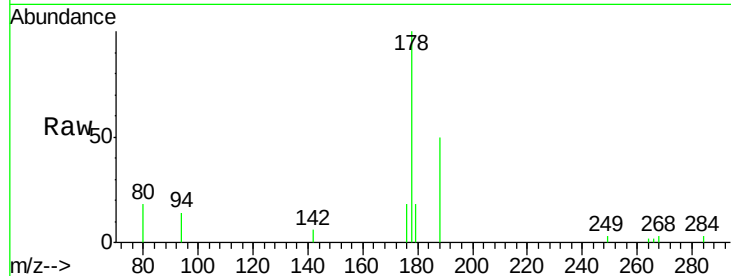
Acq: 25 Mar 2015 6:17

Instrument :

BNA_E

ClientSampleId :

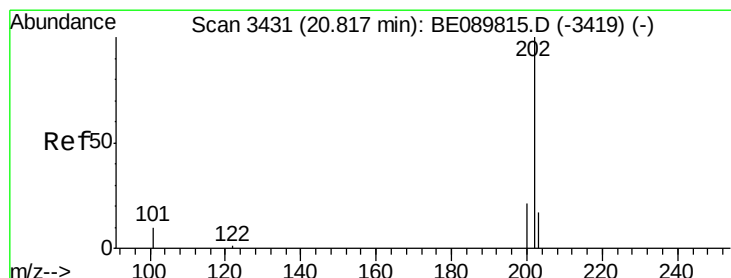
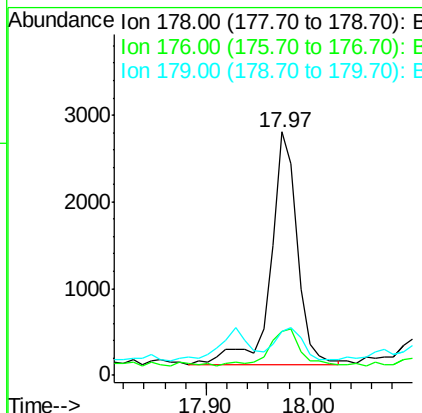
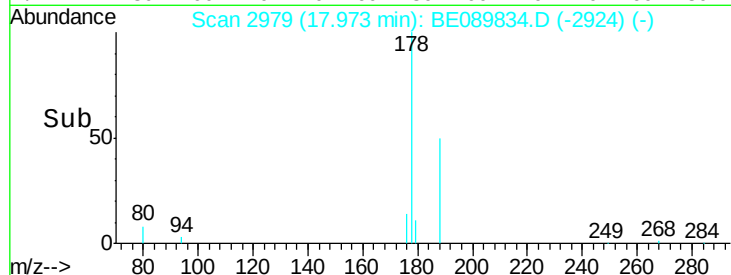
MW-24V



Tgt Ion:	178	Resp:	4783
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.4	23.0
179	13.0	12.2	18.4

Manual Integrations
APPROVED

mohammad
3/25/2015 5:42:53 PM



#18

Fluoranthene

Concen: 0.06 ng

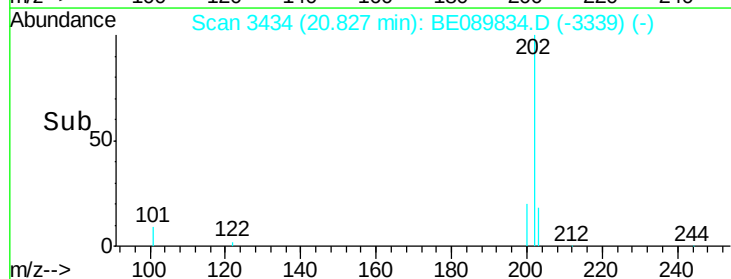
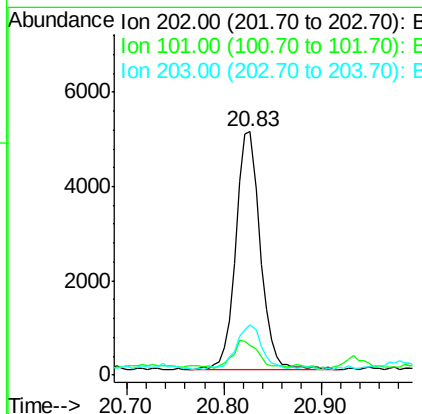
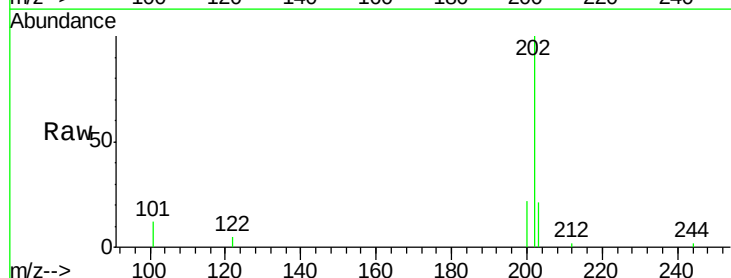
RT: 20.83 min Scan# 3434

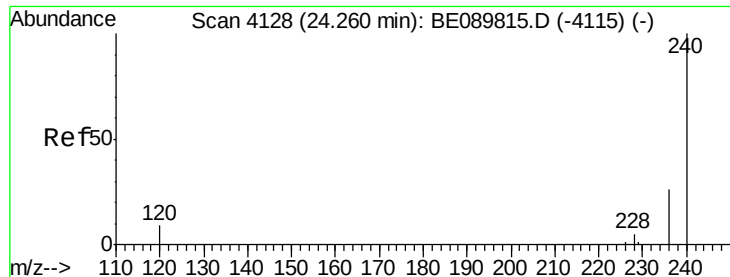
Delta R.T. 0.01 min

Lab File: BE089834.D

Acq: 25 Mar 2015 6:17

Tgt Ion:	202	Resp:	8644
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.2	12.2
203	19.8	14.2	21.4





#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.26 min Scan# 4130

Delta R.T. 0.00 min

Lab File: BE089834.D

Acq: 25 Mar 2015 6:17

Instrument :

BNA_E

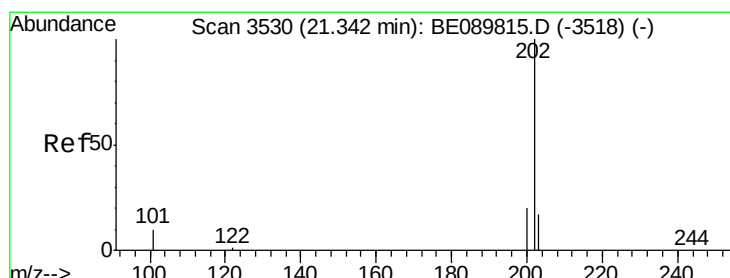
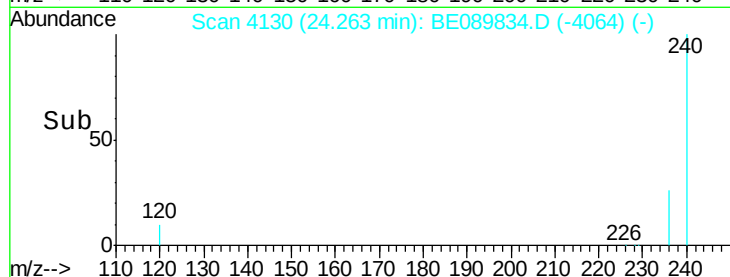
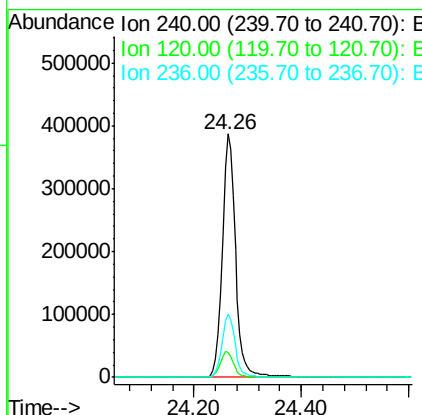
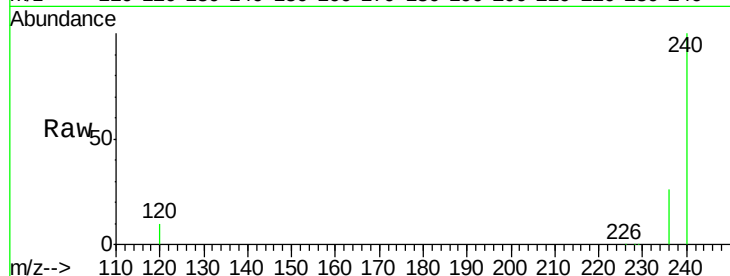
ClientSampleId :

MW-24V

Tgt Ion:	240	Resp:	658072
Ion Ratio	Lower	Upper	
240	100		
120	10.4	7.5	11.3
236	26.1	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/25/2015 5:42:53 PM



#20

Pyrene

Concen: 0.05 ng

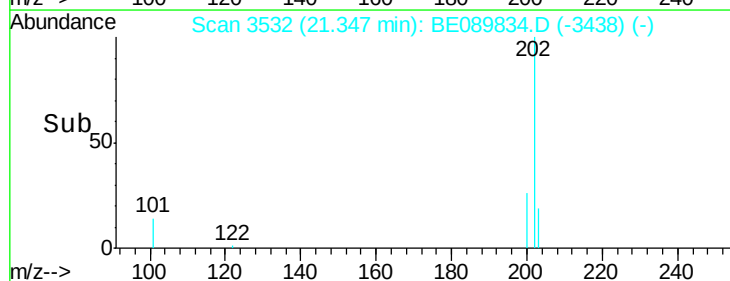
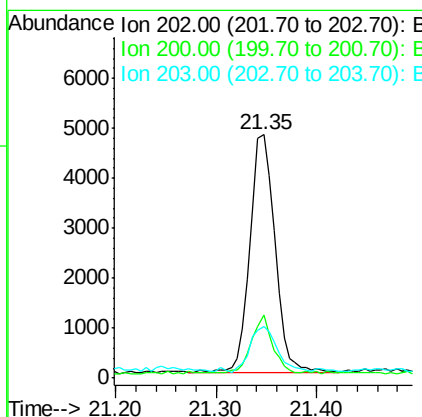
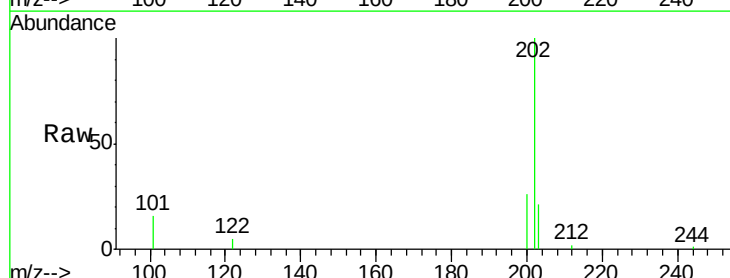
RT: 21.35 min Scan# 3532

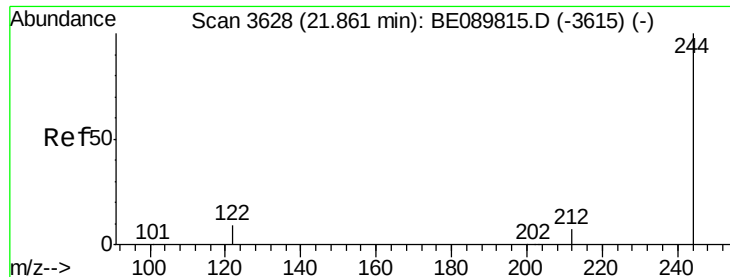
Delta R.T. -0.00 min

Lab File: BE089834.D

Acq: 25 Mar 2015 6:17

Tgt Ion:	202	Resp:	8406
Ion Ratio	Lower	Upper	
202	100		
200	19.5	15.9	23.9
203	20.3	13.6	20.4





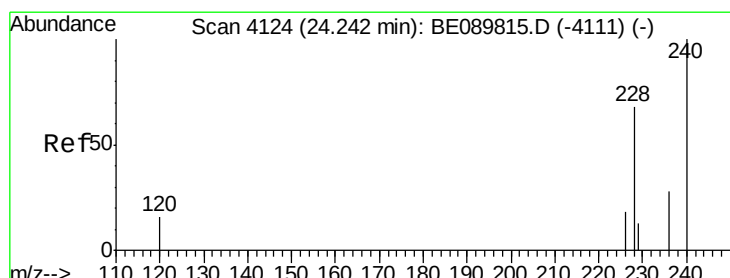
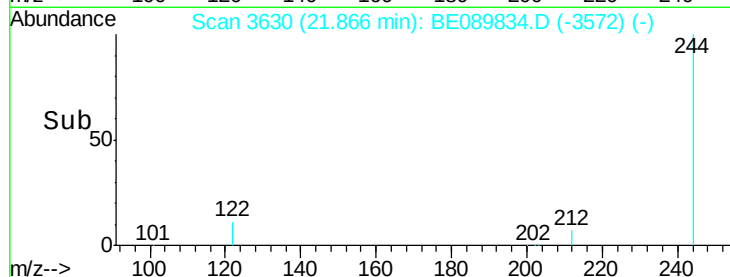
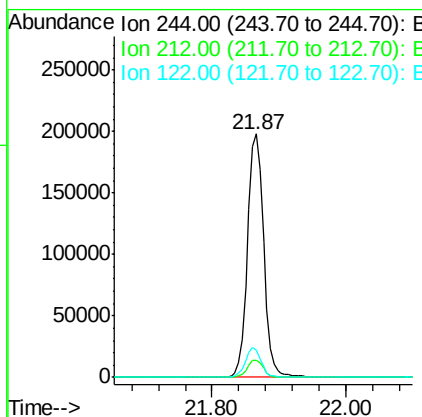
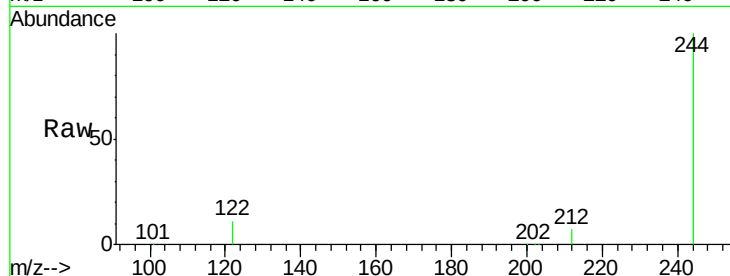
#21
 Terphenyl-d14
 Concen: 3.39 ng
 RT: 21.87 min Scan# 3630
 Delta R.T. 0.01 min
 Lab File: BE089834.D
 Acq: 25 Mar 2015 6:17

Instrument :
 BNA_E
 ClientSampleId :
 MW-24V

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	7.3	10.9#
122	11.2	10.5	15.7

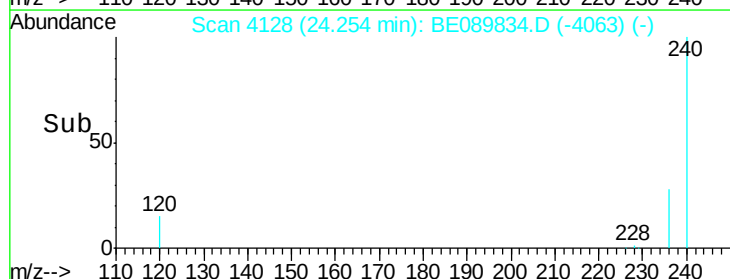
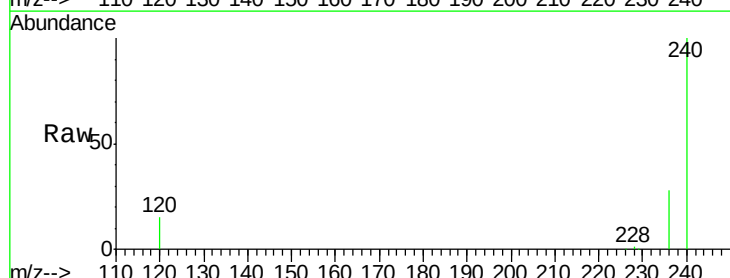
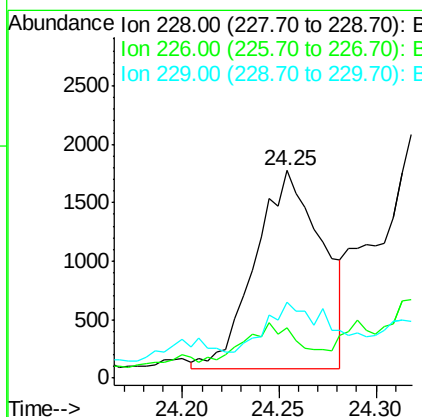
Manual Integrations
 APPROVED

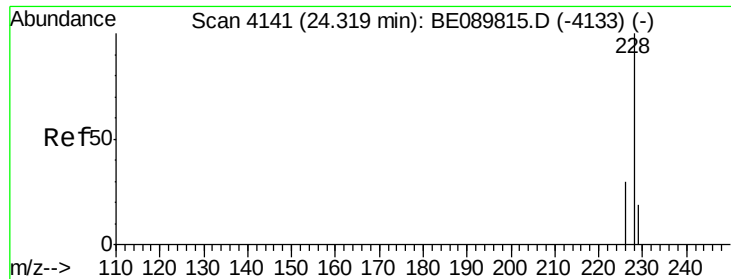
mohammad
 3/25/2015 5:42:53 PM



#22
 Benzo(a)anthracene
 Concen: 0.03 ng m
 RT: 24.25 min Scan# 4128
 Delta R.T. 0.01 min
 Lab File: BE089834.D
 Acq: 25 Mar 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	24.0	19.8	29.8
229	36.8	16.3	24.5#





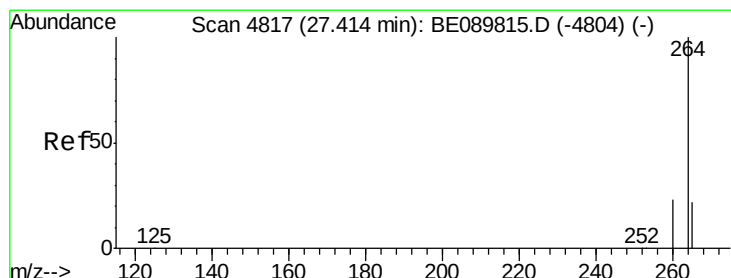
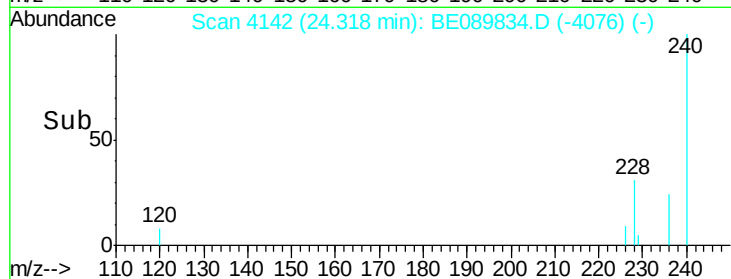
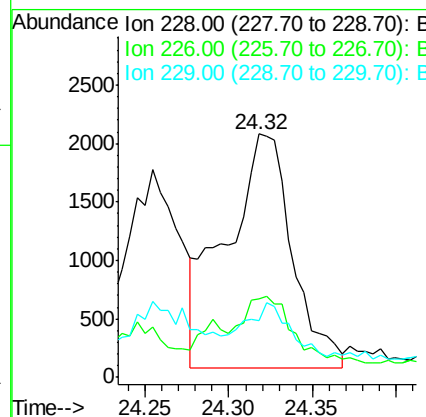
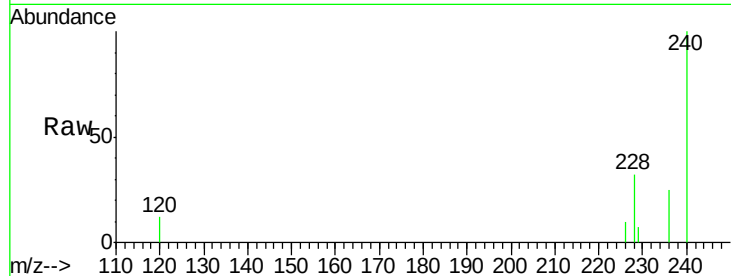
#23
Chrysene
Concen: 0.04 ng m
RT: 24.32 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BE089834.D
Acq: 25 Mar 2015 6:17

Instrument :
BNA_E
ClientSampleId :
MW-24V

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.0	34.4
229	23.2	15.8	23.6

Manual Integrations
APPROVED

mohammad
3/25/2015 5:42:53 PM



#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4819
Delta R.T. 0.00 min
Lab File: BE089834.D
Acq: 25 Mar 2015 6:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	21.2	17.3	25.9

