

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070217\
 Data File : BE093414.D
 Acq On : 2 Jul 2017 15:15
 Operator : SJ/JU
 Sample : PB100111BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:41:52 PM

Quant Time: Jul 03 06:42:50 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 02 13:43:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3785	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	15542	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	7006	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	21258	0.40	ng	0.00
27) Chrysene-d12	21.43	240	28682	0.40	ng	0.00
34) Perylene-d12	23.93	264	26657	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	3634	0.32	ng	0.00
5) Phenol-d6	7.10	99	4723	0.28	ng	0.00
8) Nitrobenzene-d5	9.08	82	3268	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	6727	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	559m	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	10063	0.37	ng	0.00
25) Fluoranthene-d10	19.29	212	74007	0.29	ng	0.00
29) Terphenyl-d14	19.88	244	15014	0.29	ng	0.00

Target Compounds Qvalue

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

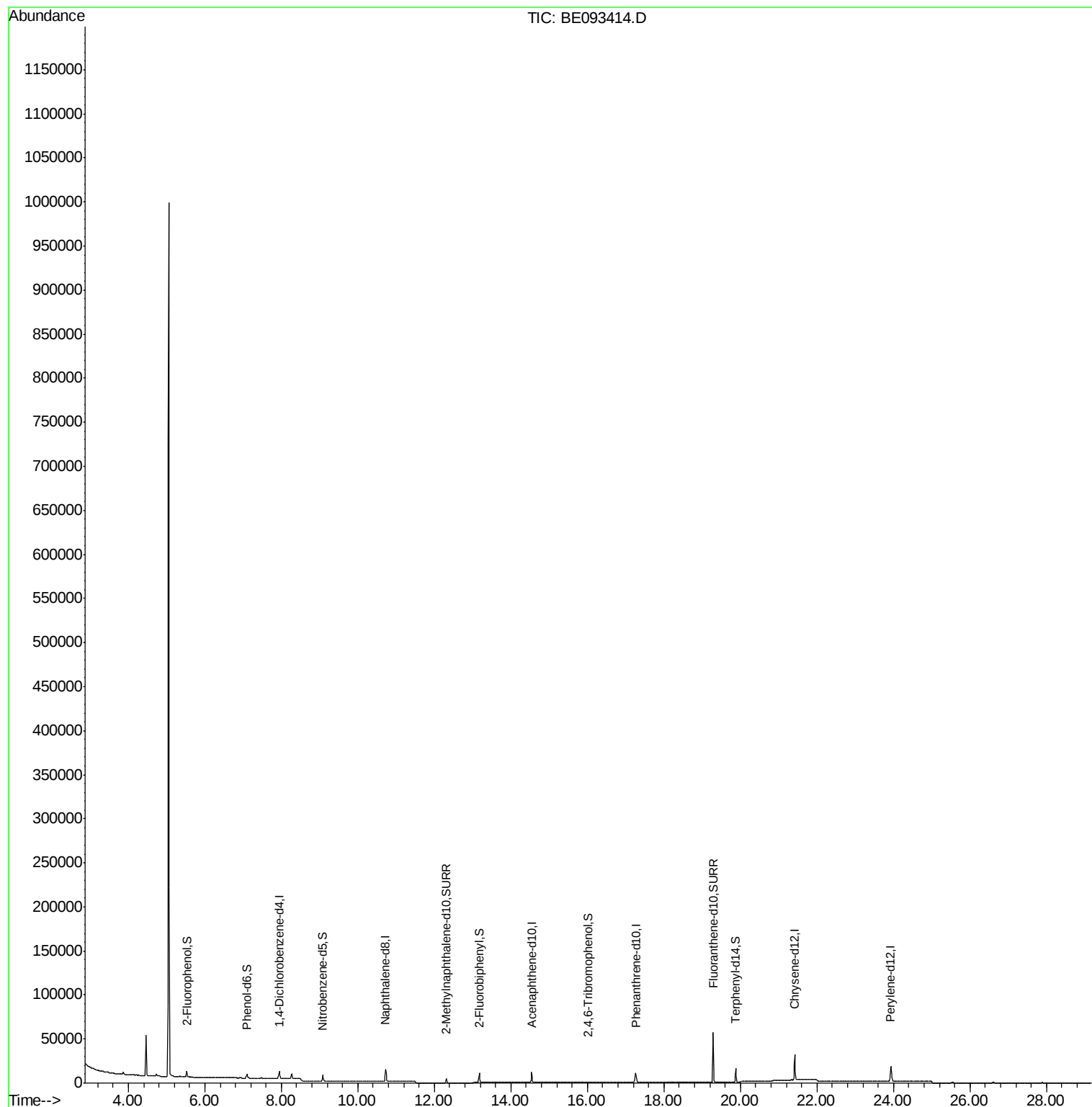
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070217\
Data File : BE093414.D
Acq On : 2 Jul 2017 15:15
Operator : SJ/JU
Sample : PB100111BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

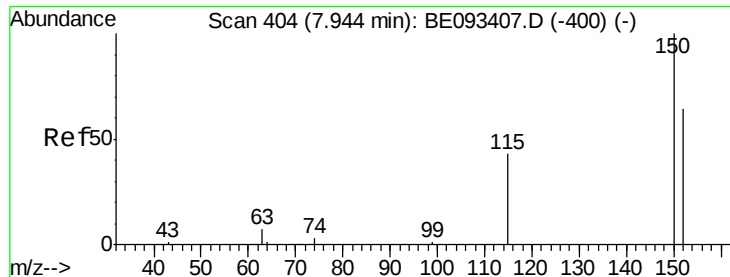
Instrument :
BNA_E
ClientSampleId :
PB100111BL

Manual Integrations
APPROVED

mohammad
7/3/2017 4:41:52 PM

Quant Time: Jul 03 06:42:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 13:43:38 2017
Response via : Initial Calibration





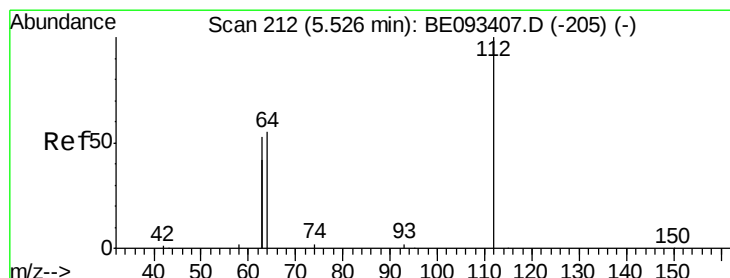
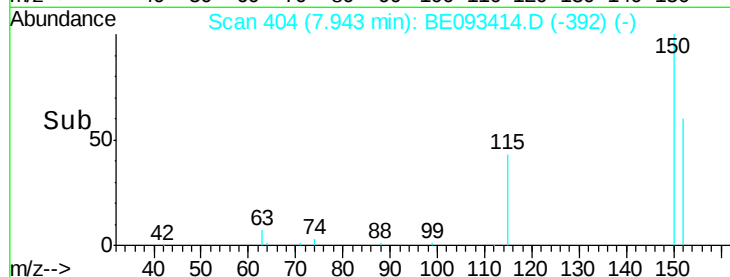
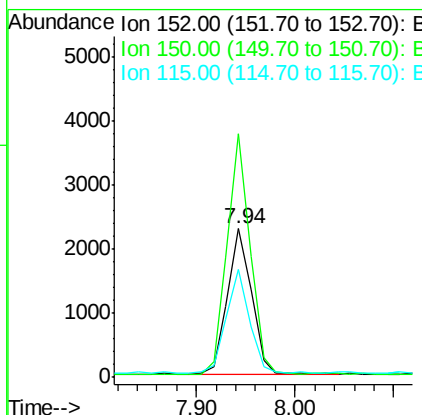
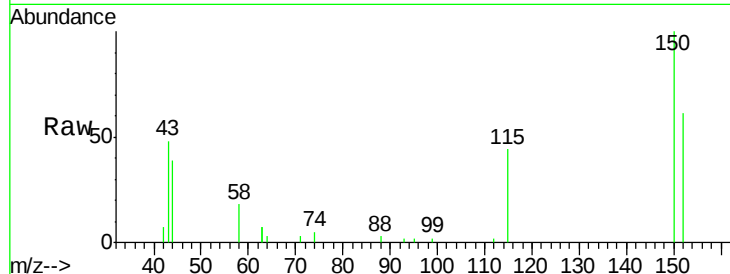
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Instrument :
 BNA_E
 ClientSampleID :
 PB100111BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	125.1	187.7
115	72.6	55.7	83.5

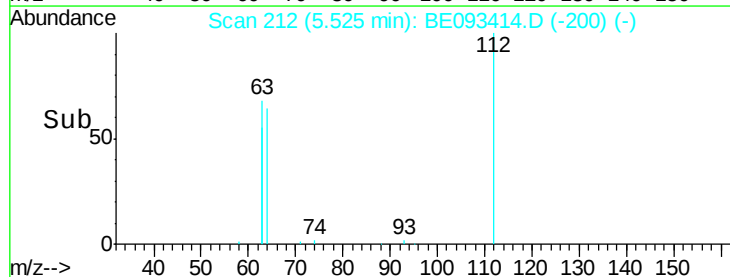
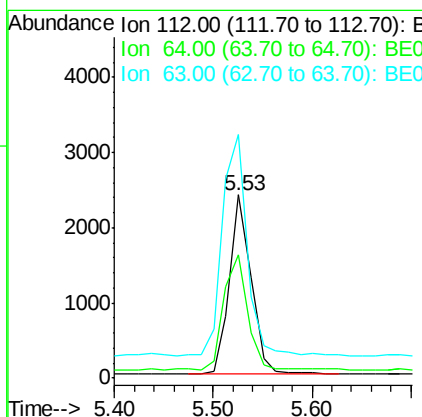
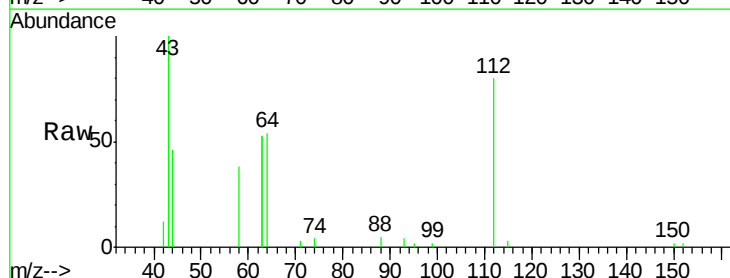
Manual Integrations
 APPROVED

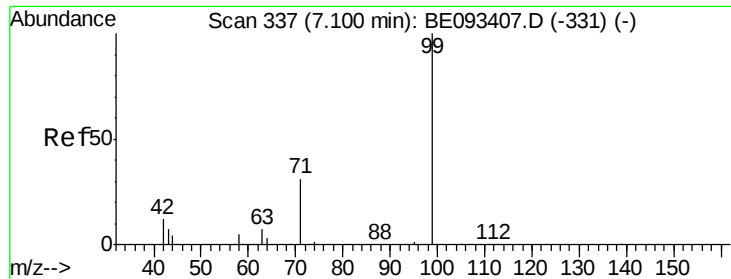
mohammad
 7/3/2017 4:41:52 PM



#4
 2-Fluorophenol
 Concen: 0.318 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	56.4	84.6
63	140.5	29.3	43.9#





#5

Phenol-d6

Concen: 0.280 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

Instrument :

BNA_E

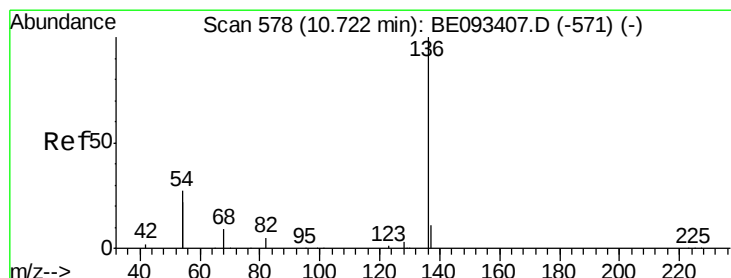
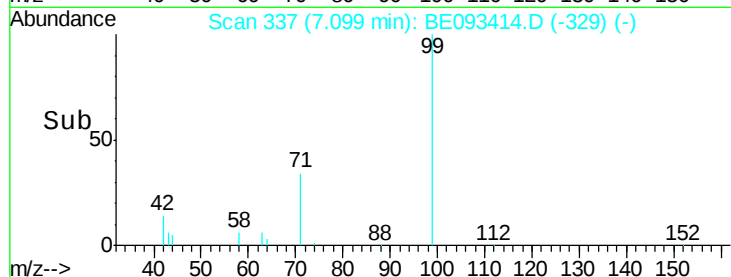
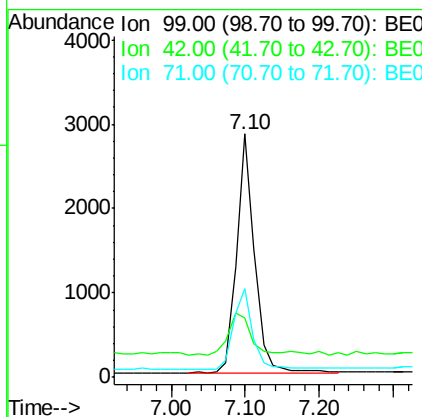
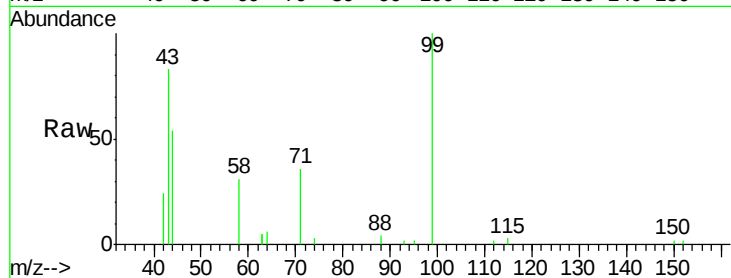
ClientSampleId :

PB100111BL

Tgt Ion:	99	Resp:	4723
Ion Ratio	Lower	Upper	
99	100		
42	21.6	0.0	0.0#
71	35.4	0.0	0.0#

Manual Integrations
APPROVED

mohammad
7/3/2017 4:41:52 PM



#7

Naphthalene-d8

Concen: 0.400 ng

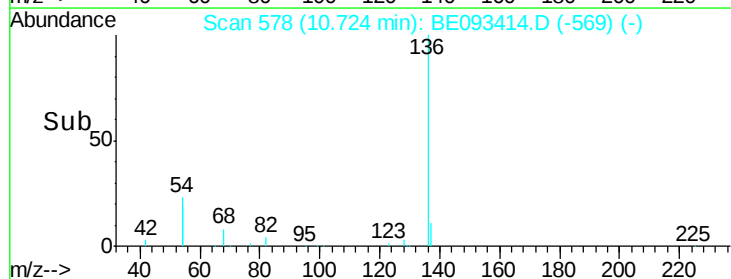
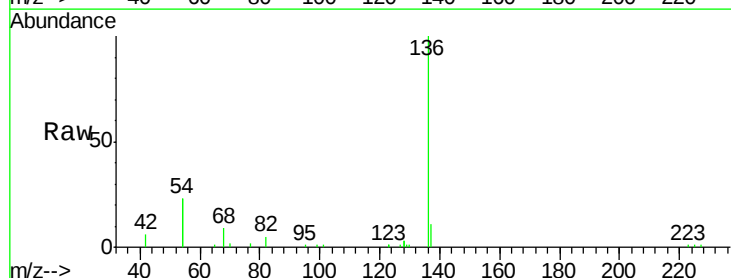
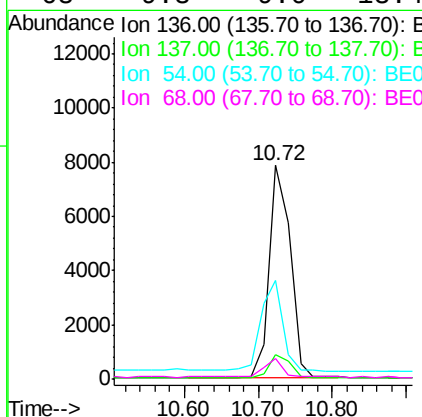
RT: 10.72 min Scan# 578

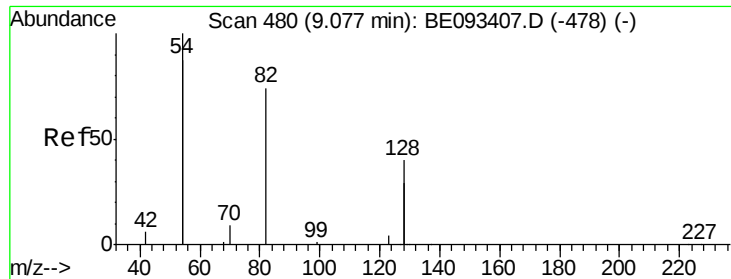
Delta R.T. 0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

Tgt Ion:	136	Resp:	15542
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.8	14.8
54	46.0	10.3	15.5#
68	9.3	9.0	13.4





#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

Instrument :

BNA_E

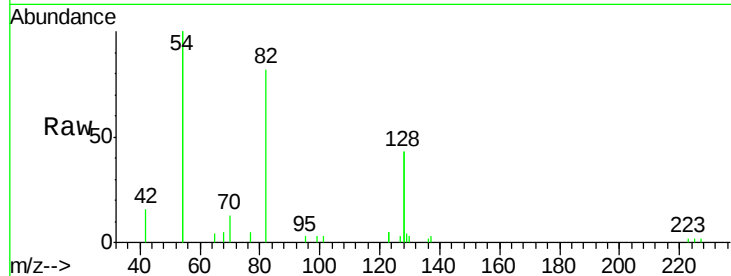
ClientSampled :

PB100111BL

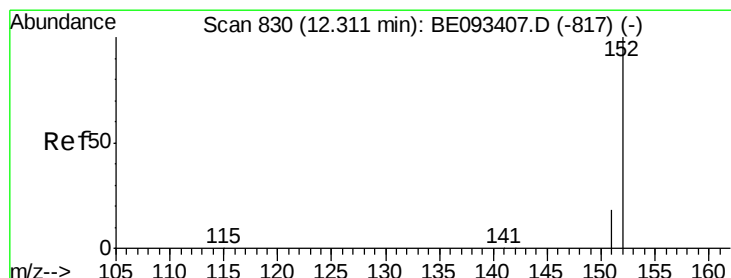
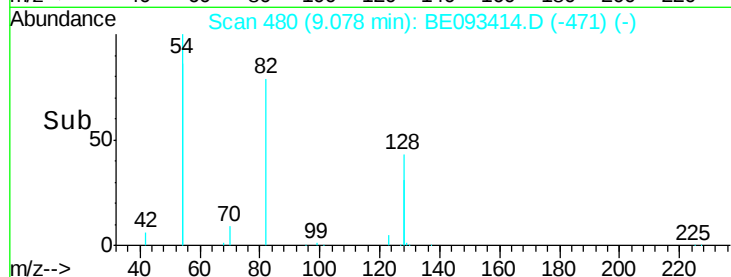
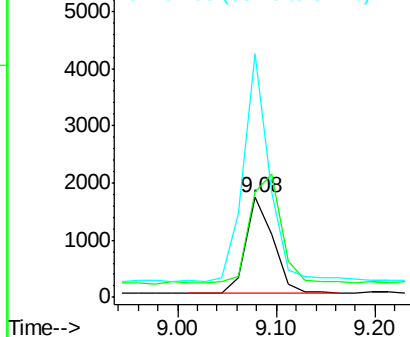
Tgt Ion:	82	Resp:	3268
Ion Ratio	Lower	Upper	
82	100		
128	106.2	17.0	25.4#
54	244.2	53.8	80.6#

Manual Integrations
APPROVED

mohammad
7/3/2017 4:41:52 PM



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.271 ng

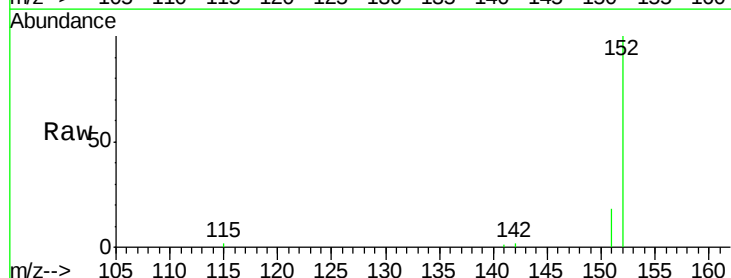
RT: 12.31 min Scan# 830

Delta R.T. 0.00 min

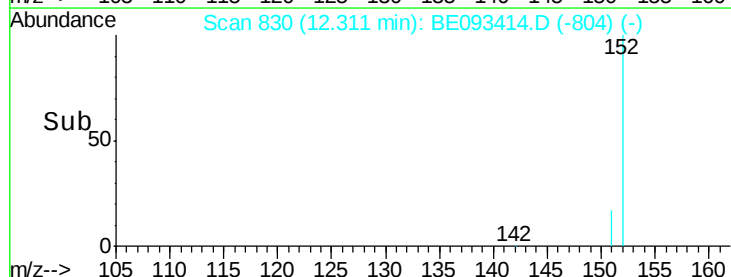
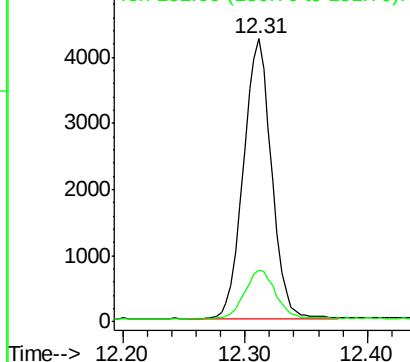
Lab File: BE093414.D

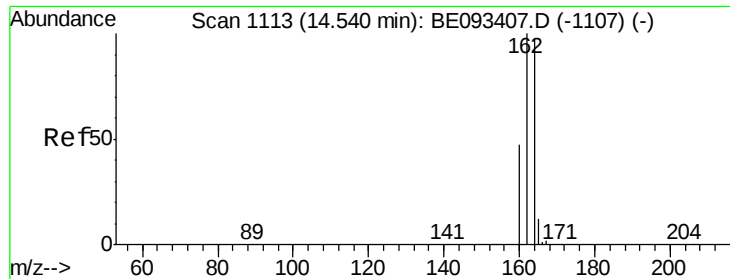
Acq: 2 Jul 2017 15:15

Tgt Ion:	152	Resp:	6727
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.1	22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





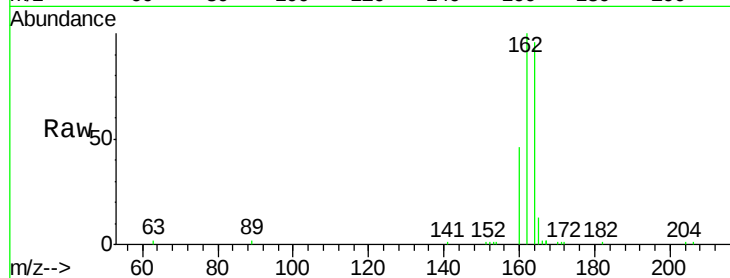
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

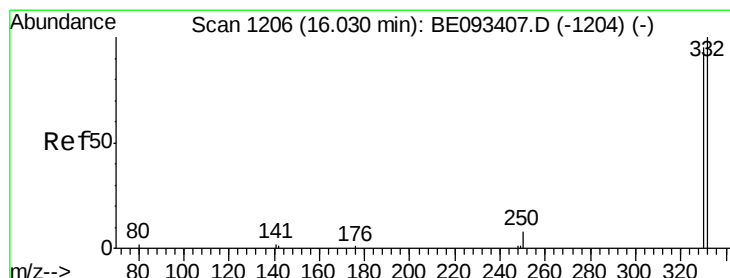
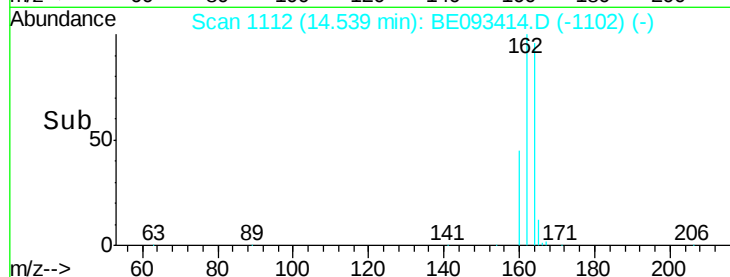
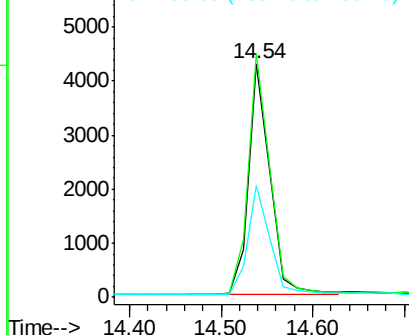
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.6	127.0
160	47.8	41.8	62.6

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:41:52 PM



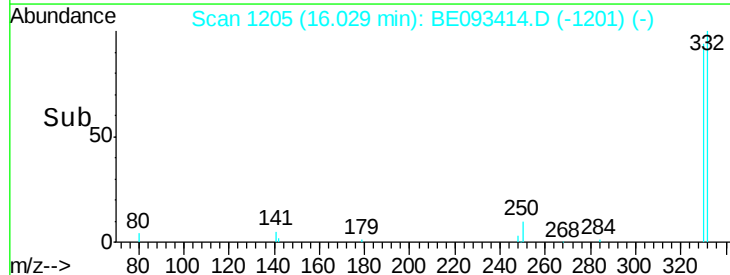
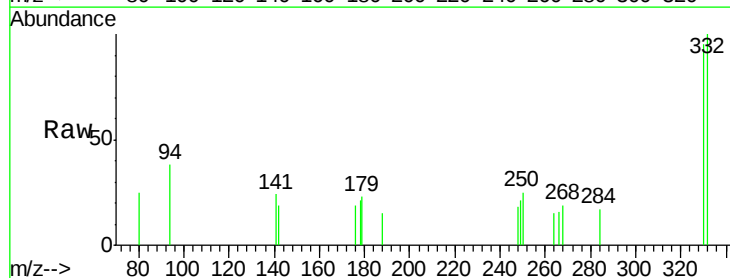
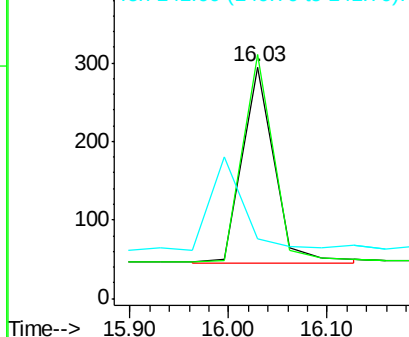
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

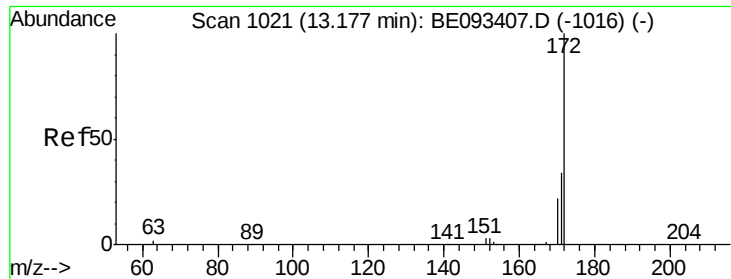


#14
 2,4,6-Tribromophenol
 Concen: 0.254 ng m
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	0.0	56.2	84.4#

Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





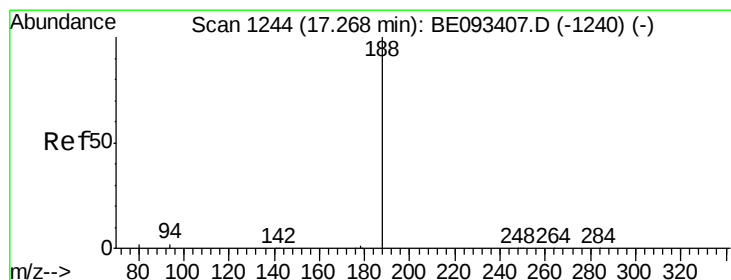
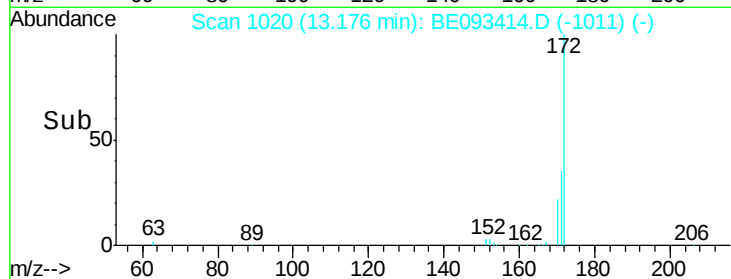
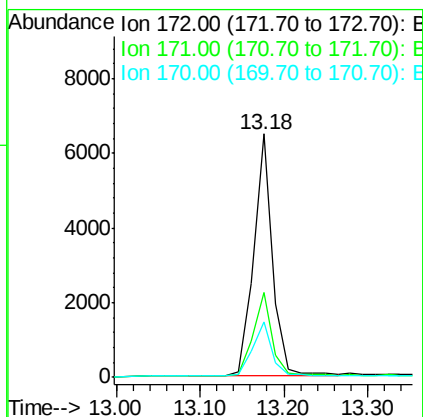
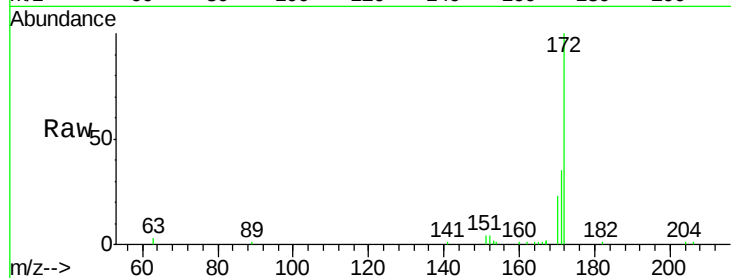
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093414.D
Acq: 2 Jul 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PB100111BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.8	44.6
170	23.0	20.7	31.1

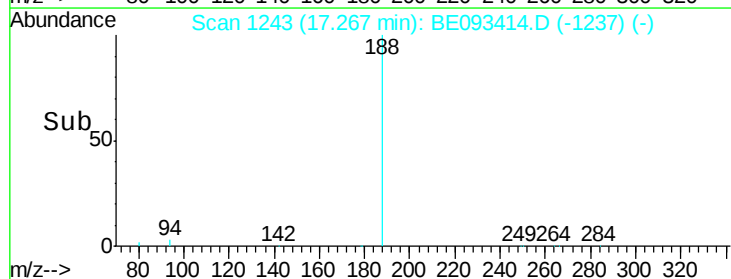
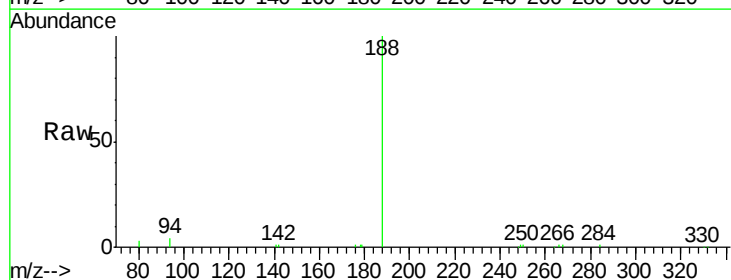
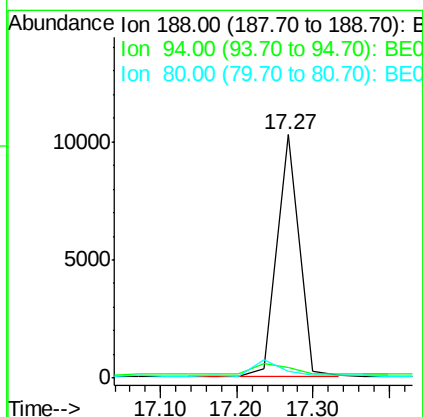
Manual Integrations
APPROVED

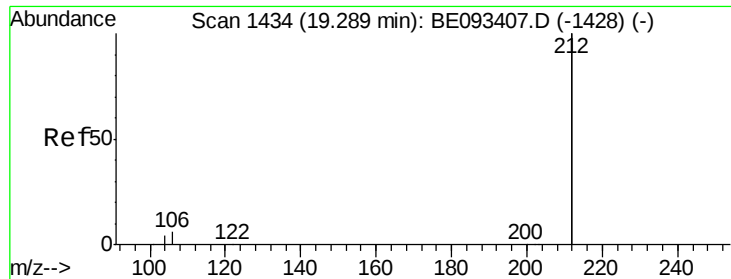
mohammad
7/3/2017 4:41:52 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093414.D
Acq: 2 Jul 2017 15:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.2	11.3	16.9#
80	3.0	11.7	17.5#





#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.29 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE093414.D

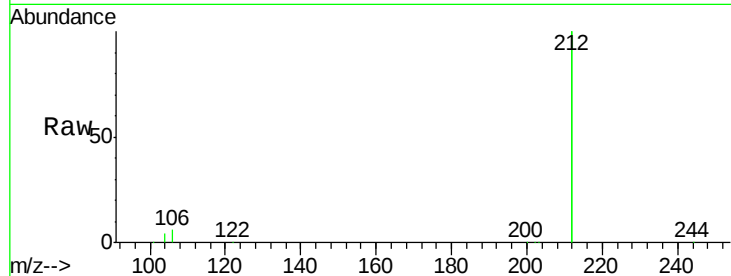
Acq: 2 Jul 2017 15:15

Instrument :

BNA_E

ClientSampleId :

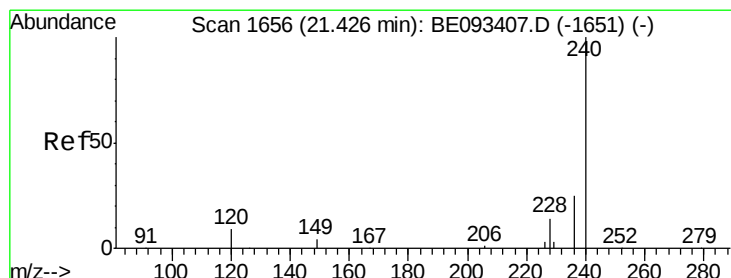
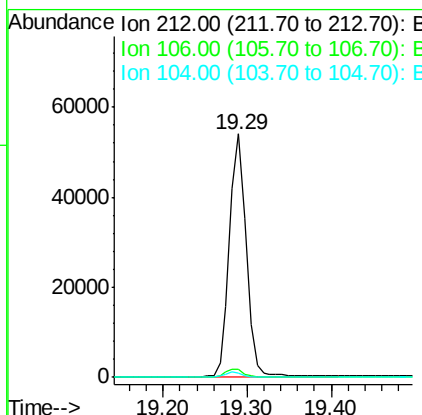
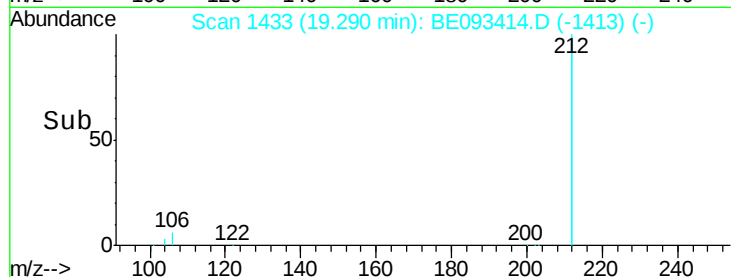
PB100111BL



Tgt Ion:	212	Resp:	74007
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4

Manual Integrations
APPROVED

mohammad
7/3/2017 4:41:52 PM



#27

Chrysene-d12

Concen: 0.400 ng

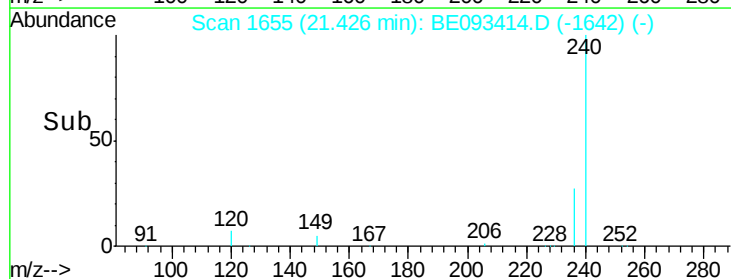
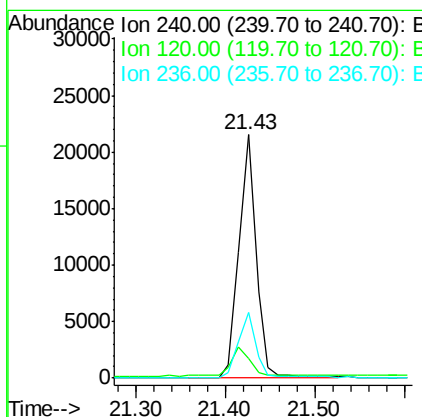
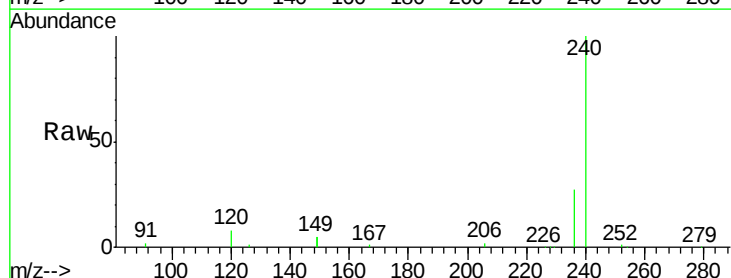
RT: 21.43 min Scan# 1655

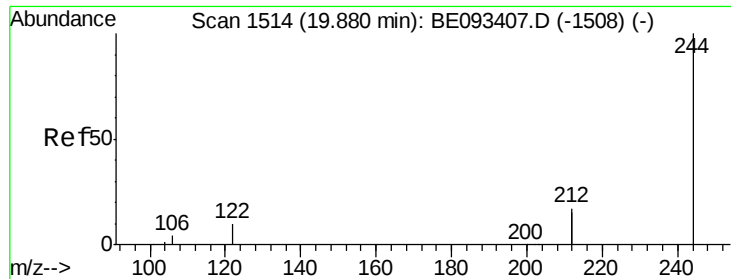
Delta R.T. -0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

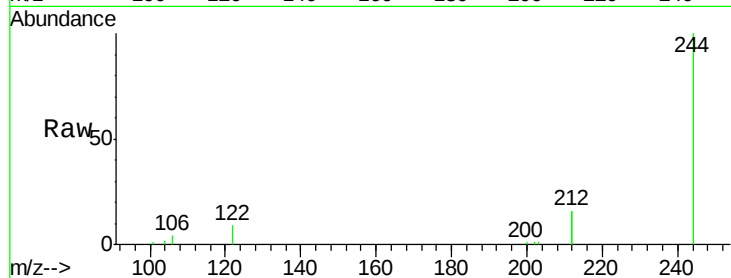
Tgt Ion:	240	Resp:	28682
Ion Ratio	Lower	Upper	
240	100		
120	8.3	4.6	7.0#
236	26.9	20.8	31.2





#29
 Terphenyl-d14
 Concen: 0.293 ng
 RT: 19.88 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

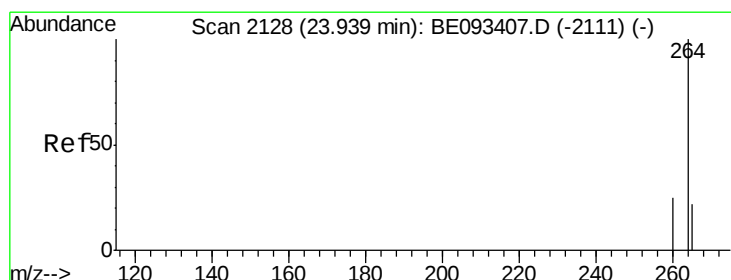
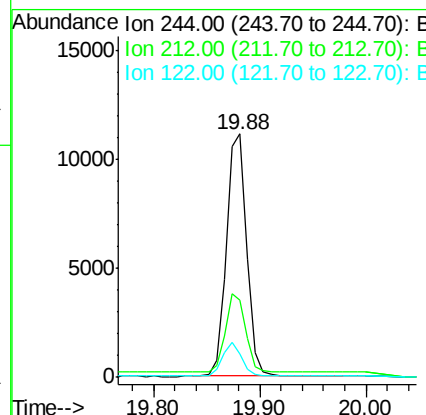
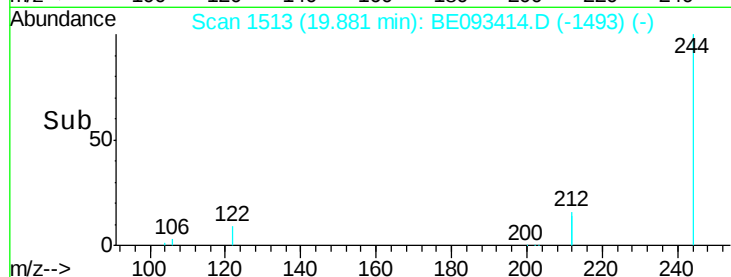
Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL



Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	31.8	10.6	16.0#
122	9.4	15.4	23.0#

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:41:52 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.8	21.0	31.4
265	30.5	24.6	36.8

