

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094503.D
 Acq On : 23 Oct 2017 19:45
 Operator : SJ/JU
 Sample : PB103539BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103539BL

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:46:50 PM

Quant Time: Oct 23 22:42:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1100	0.40	ng	0.01
7) Naphthalene-d8	10.74	136	5304	0.40	ng	0.03
13) Acenaphthene-d10	14.54	164	3500	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	9159	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8805	0.40	ng	0.01
34) Perylene-d12	23.95	264	8426	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1098	0.29	ng	0.00
5) Phenol-d6	7.20	99	1332	0.23	ng	0.06
8) Nitrobenzene-d5	9.14	82	1020	0.24	ng	0.07
11) 2-Methylnaphthalene-d10	12.34	152	2772	0.33	ng	0.05
14) 2,4,6-Tribromophenol	16.10	330	237m	0.25	ng	0.07
15) 2-Fluorobiphenyl	13.19	172	3560	0.29	ng	0.05
25) Fluoranthene-d10	19.30	212	31993	0.26	ng	0.01
29) Terphenyl-d14	19.87	244	4977	0.30	ng	0.00

Target Compounds Qvalue

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

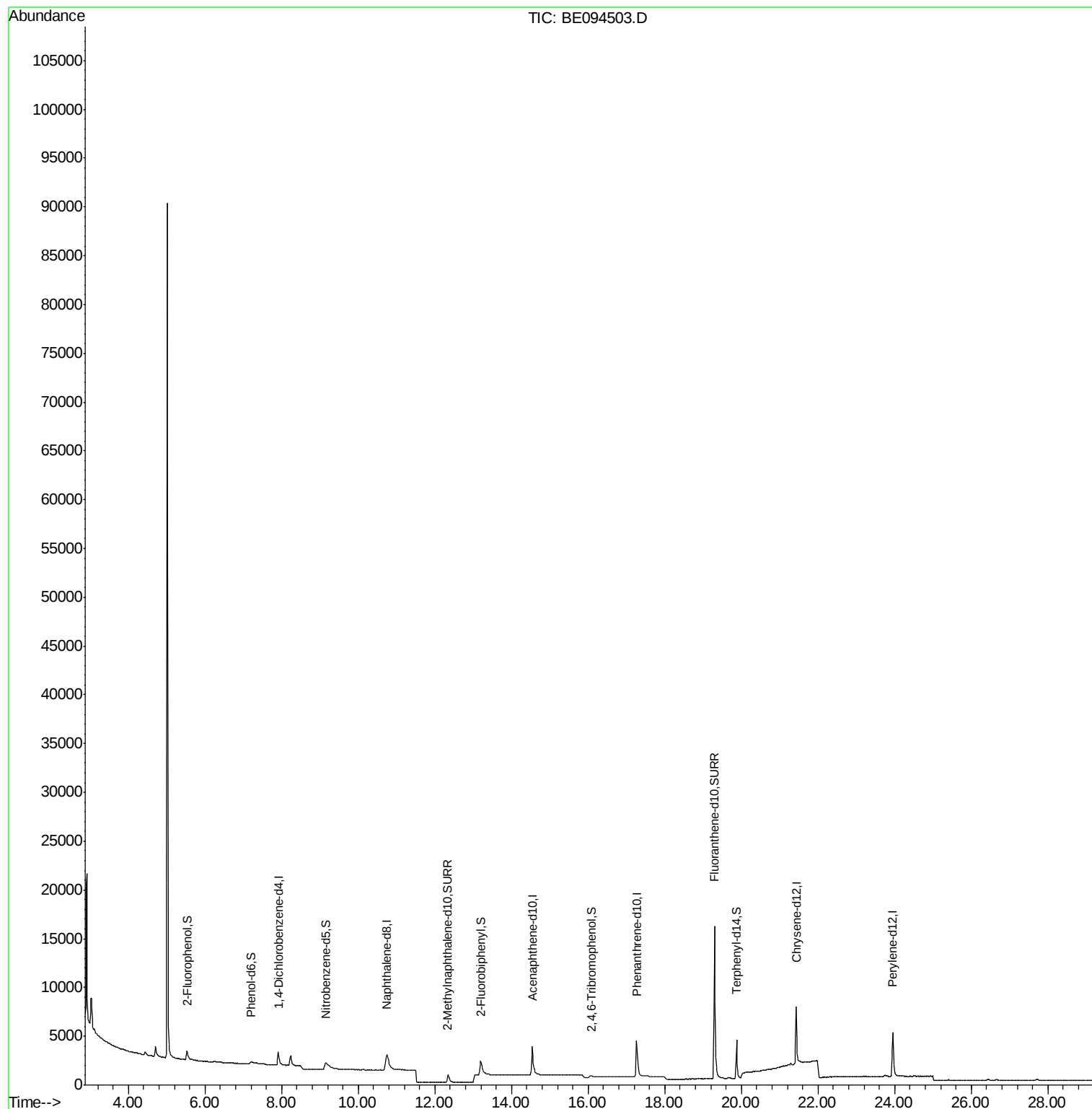
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094503.D
Acq On : 23 Oct 2017 19:45
Operator : SJ/JU
Sample : PB103539BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

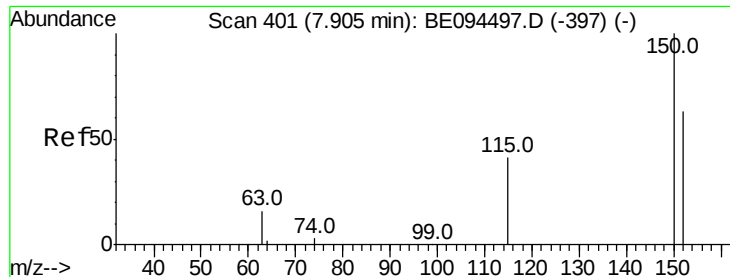
Instrument :
BNA_E
ClientSampleId :
PB103539BL

Manual Integrations
APPROVED

Sohil
10/24/2017 8:46:50 PM

Quant Time: Oct 23 22:42:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration





#1

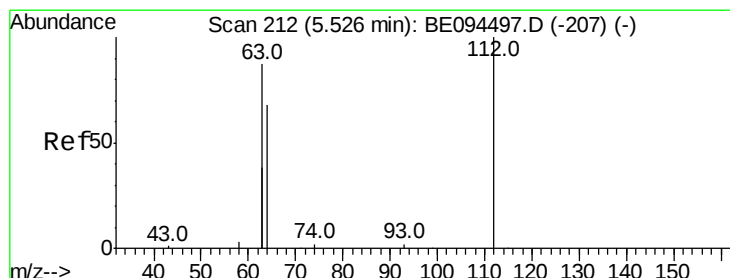
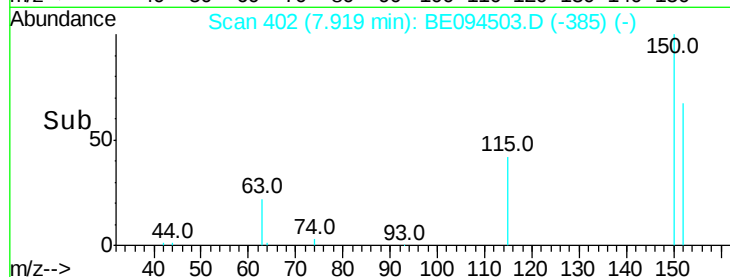
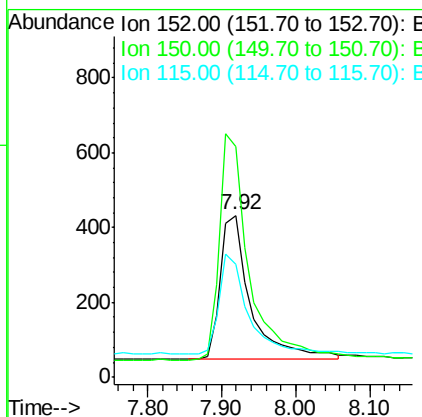
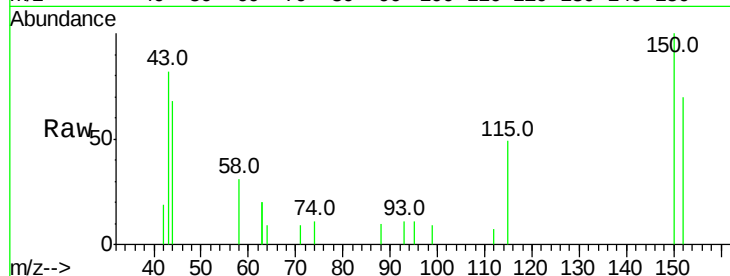
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	117.2	175.8
115	69.9	57.0	85.6

Manual Integrations
APPROVED

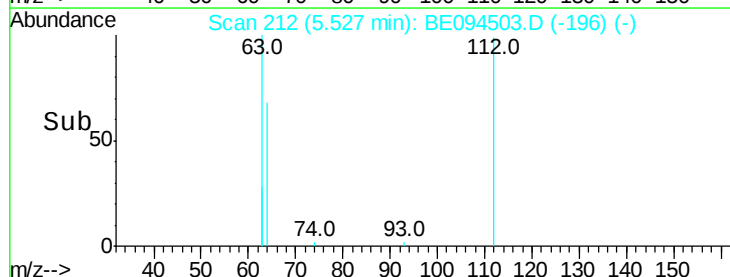
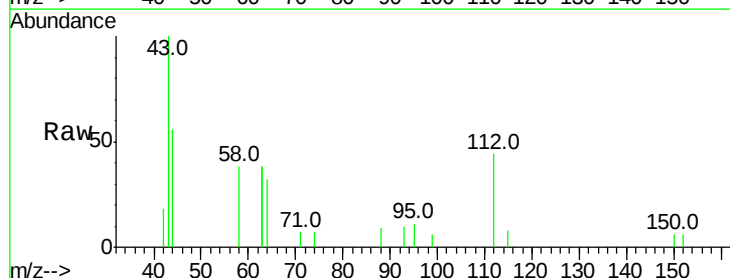
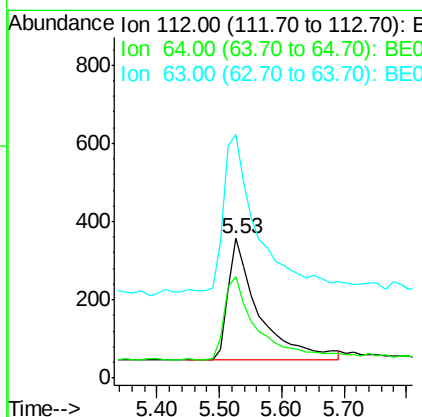
Sohil
10/24/2017 8:46:50 PM

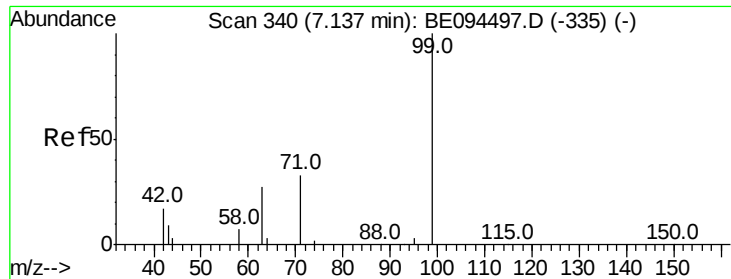


#4

2-Fluorophenol
Concen: 0.291 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	60.1	90.1
63	141.4	116.8	175.2





#5

Phenol-d6

Concen: 0.234 ng

RT: 7.20 min Scan# 345

Delta R.T. 0.06 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Instrument :

BNA_E

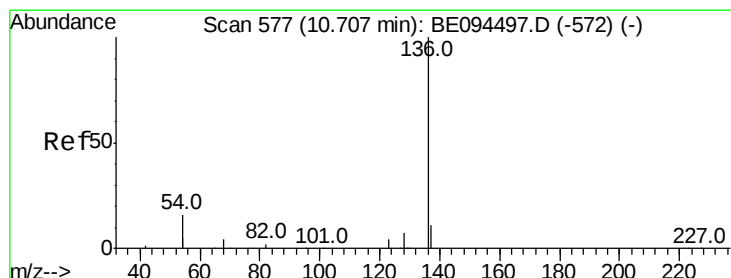
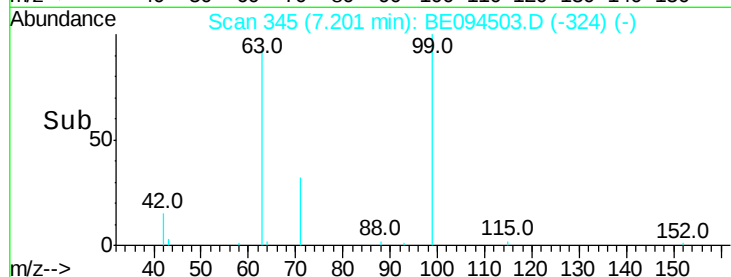
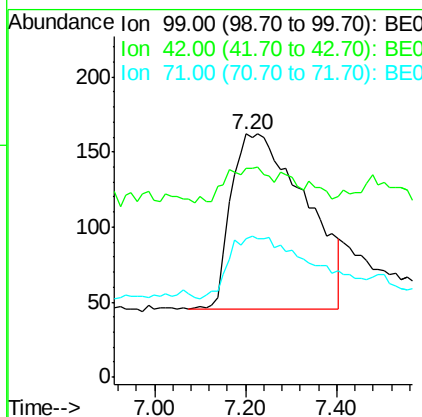
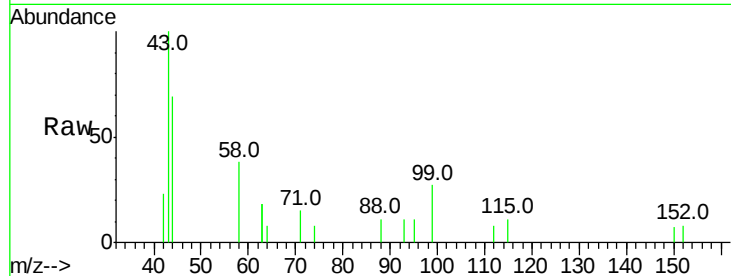
ClientSampleId :

PB103539BL

Tot Ion:	99	Resp:	1332
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

Manual Integrations
APPROVED

Sohil
10/24/2017 8:46:50 PM



#7

Naphthalene-d8

Concen: 0.400 ng

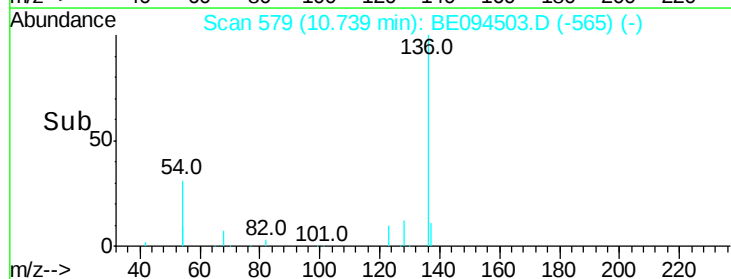
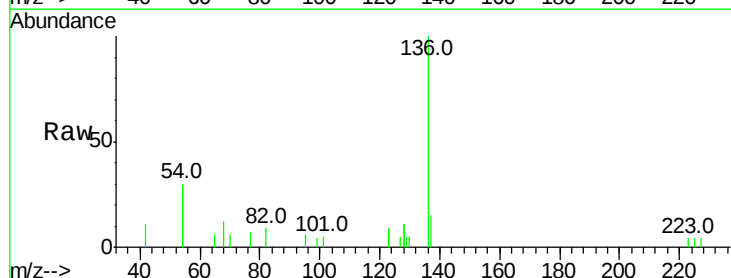
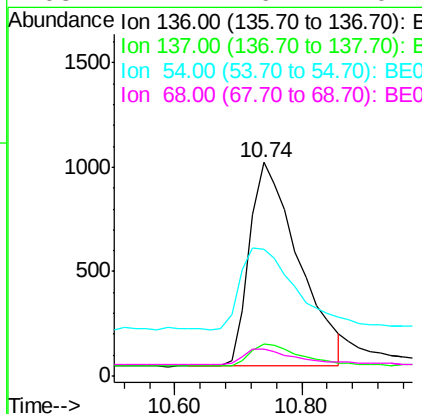
RT: 10.74 min Scan# 579

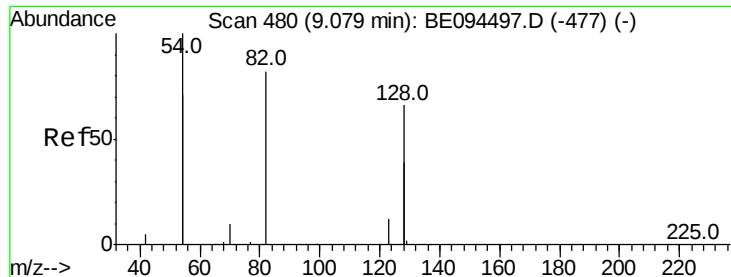
Delta R.T. 0.03 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Tgt Ion:	136	Resp:	5304
Ion Ratio	Lower	Upper	
136	100		
137	15.2	9.5	14.3#
54	59.6	29.1	43.7#
68	12.4	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.241 ng

RT: 9.14 min Scan# 484

Delta R.T. 0.07 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Instrument :

BNA_E

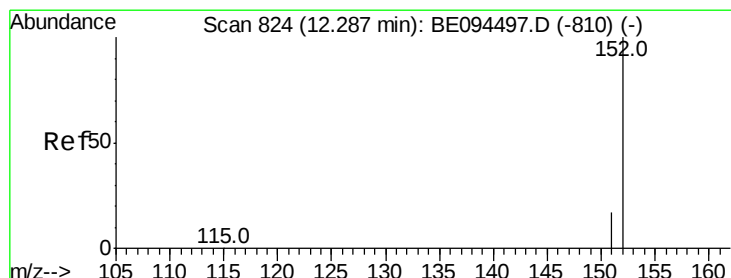
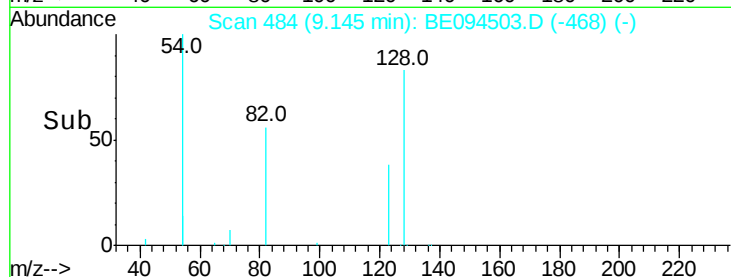
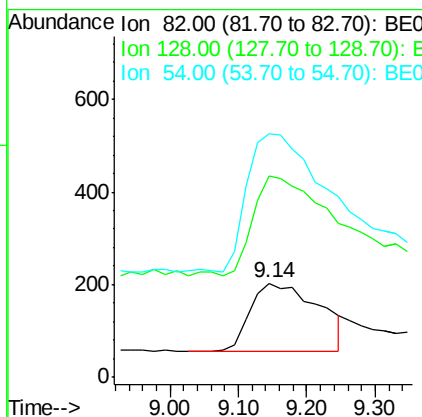
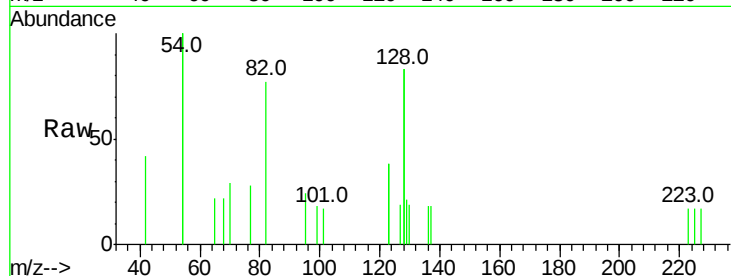
ClientSampleId :

PB103539BL

Tot Ion:	82	Resp:	1020
Ion	Ratio	Lower	Upper
82	100		
128	213.8	150.0	225.0
54	259.1	154.2	231.4#

Manual Integrations
APPROVED

Sohil
10/24/2017 8:46:50 PM



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

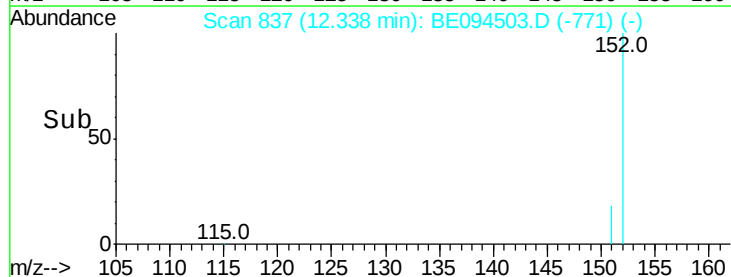
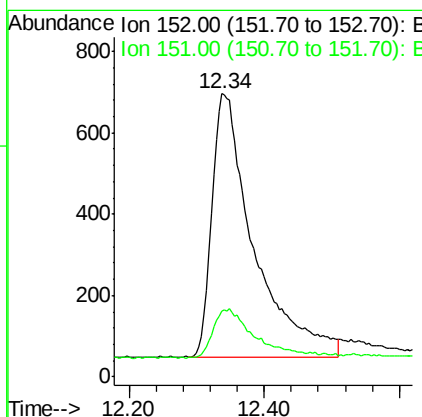
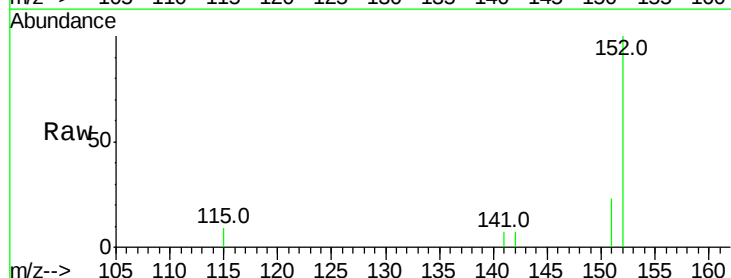
RT: 12.34 min Scan# 837

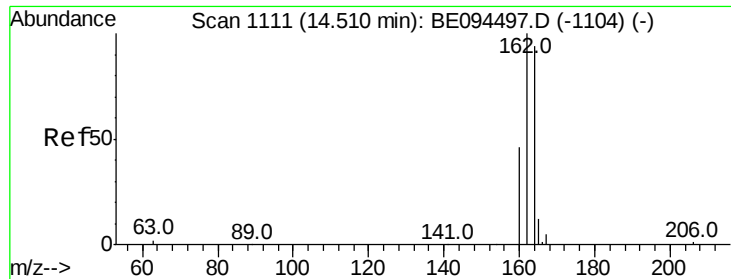
Delta R.T. 0.05 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Tgt Ion:	152	Resp:	2772
Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0





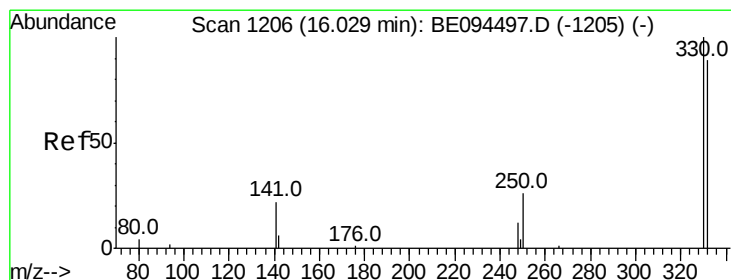
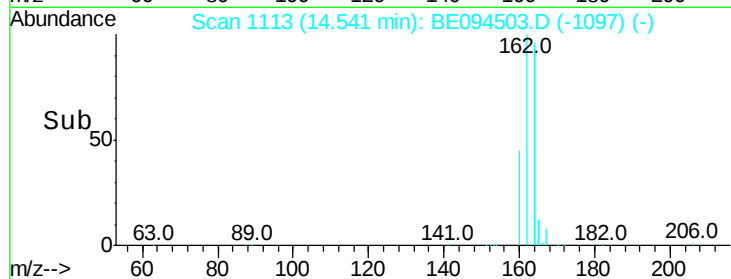
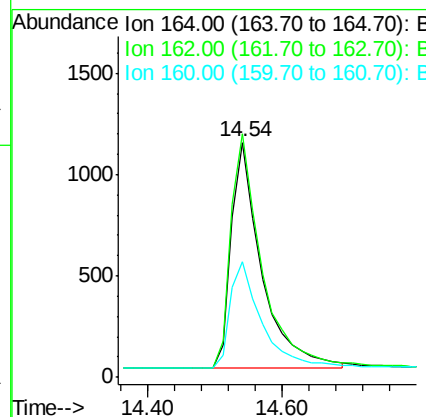
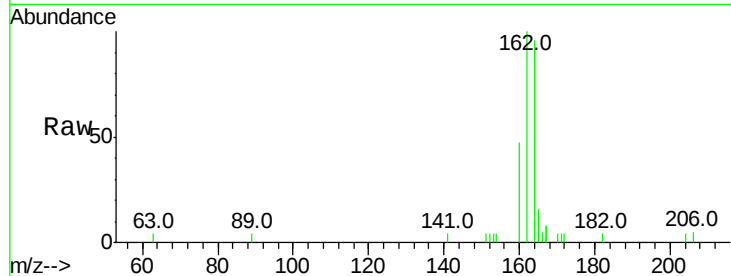
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BE094503.D
 Acq: 23 Oct 2017 19:45

Instrument :
 BNA_E
 ClientSampleId :
 PB103539BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.1	124.7
160	49.2	37.1	55.7

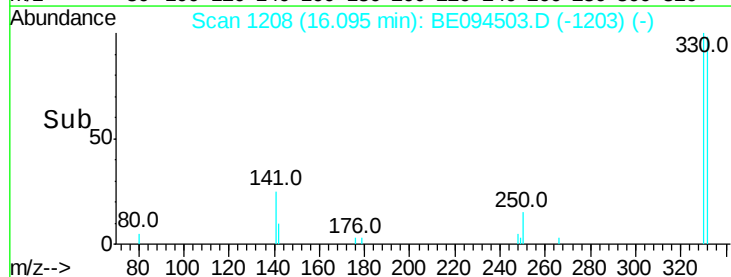
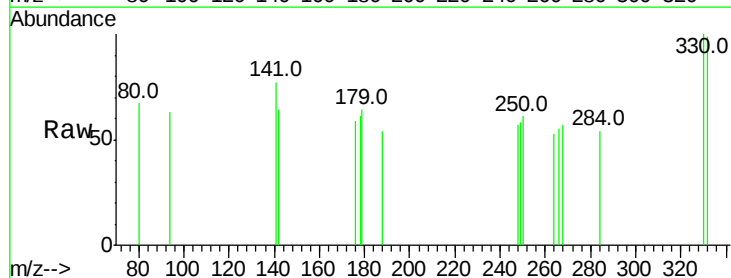
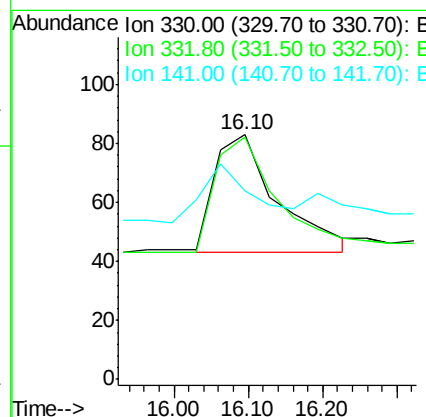
Manual Integrations
 APPROVED

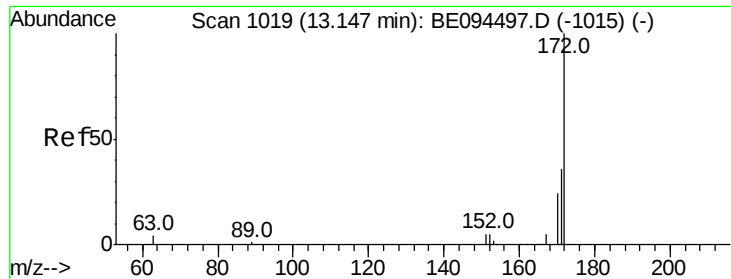
Sohil
 10/24/2017 8:46:50 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.245 ng m
 RT: 16.10 min Scan# 1208
 Delta R.T. 0.07 min
 Lab File: BE094503.D
 Acq: 23 Oct 2017 19:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	76.8	152.7	229.1#
141	0.0	33.7	50.5#





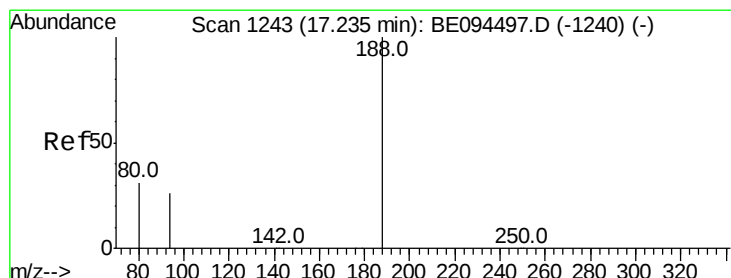
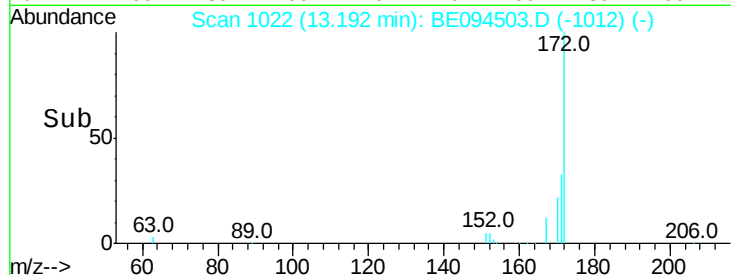
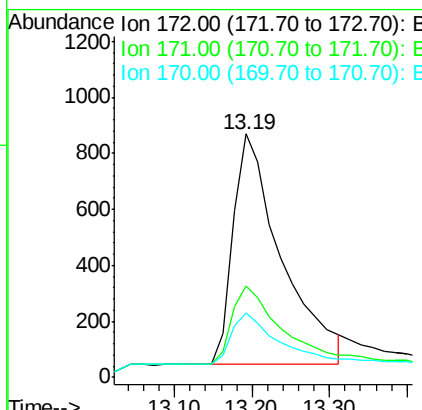
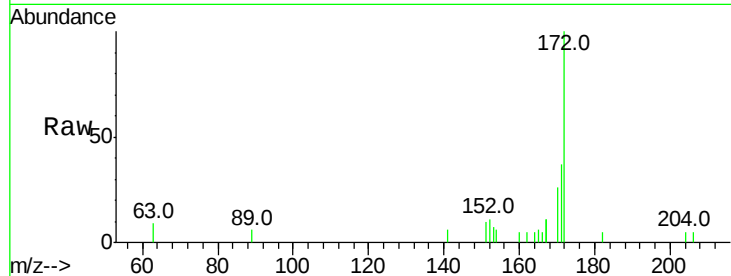
#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.05 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	26.5	21.8	32.8

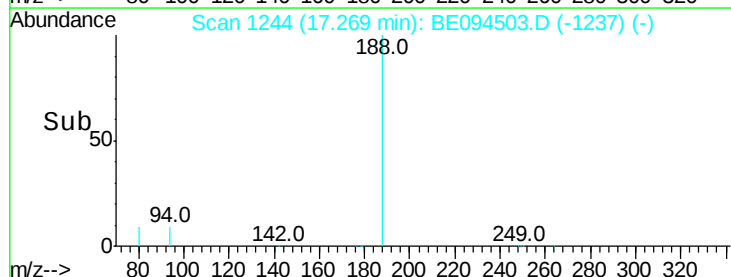
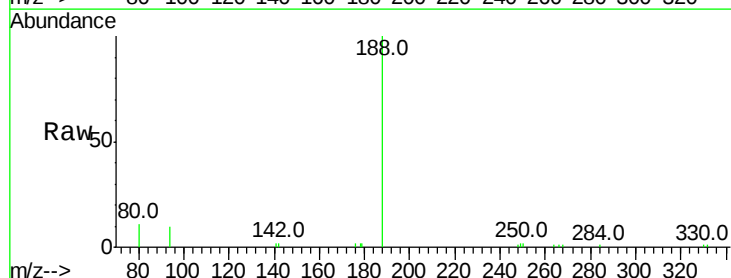
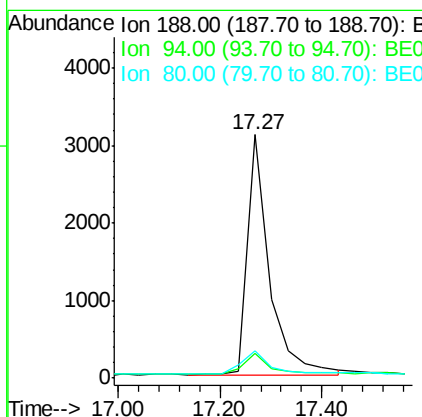
Manual Integrations
APPROVED

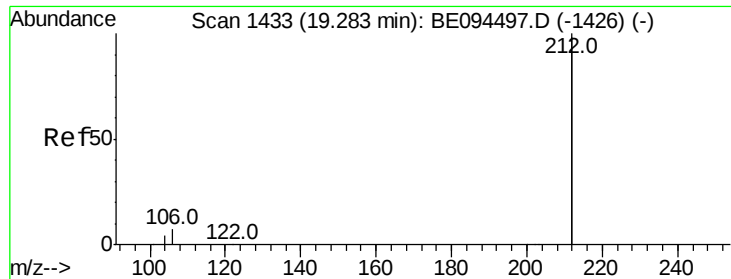
Sohil
10/24/2017 8:46:50 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	3.9	5.9#
80	11.0	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.256 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Instrument :

BNA_E

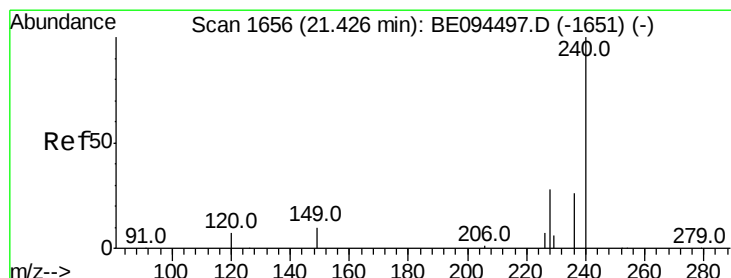
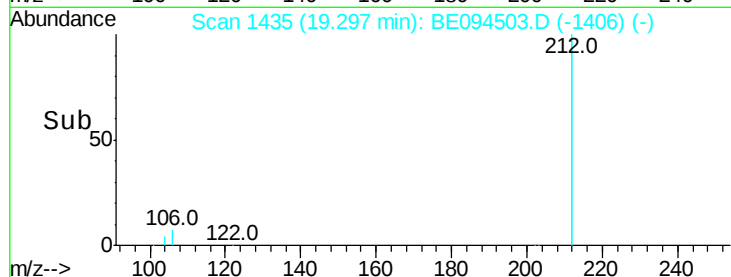
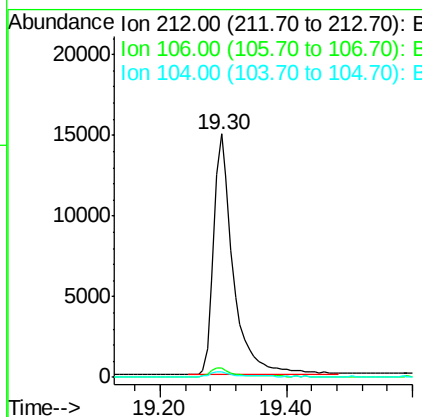
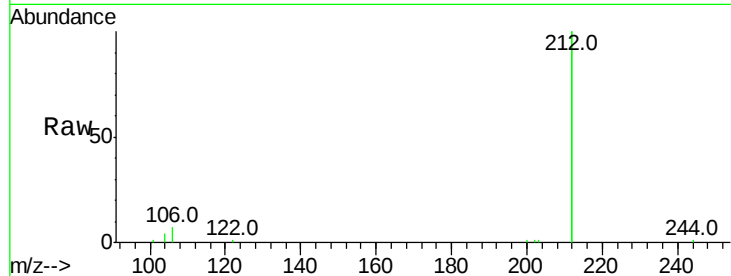
ClientSampleId :

PB103539BL

Tot Ion:	212	Resp:	31993
Ion Ratio	Lower	Upper	
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4

Manual Integrations
APPROVED

Sohil
10/24/2017 8:46:50 PM



#27

Chrysene-d12

Concen: 0.400 ng

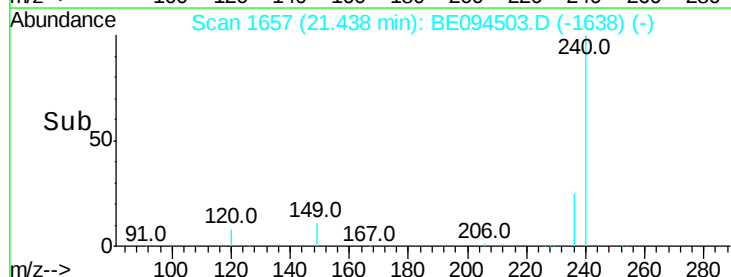
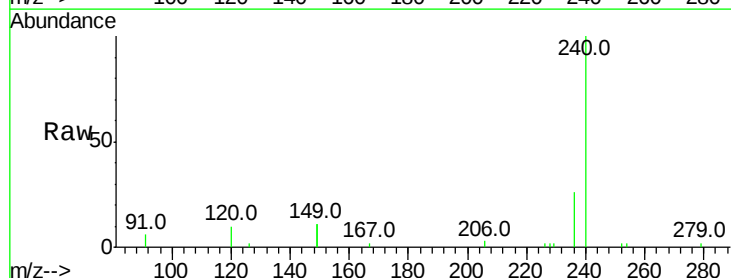
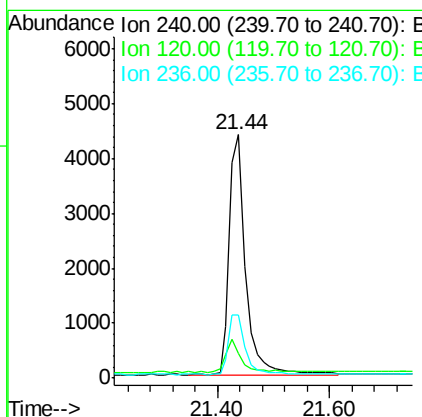
RT: 21.44 min Scan# 1657

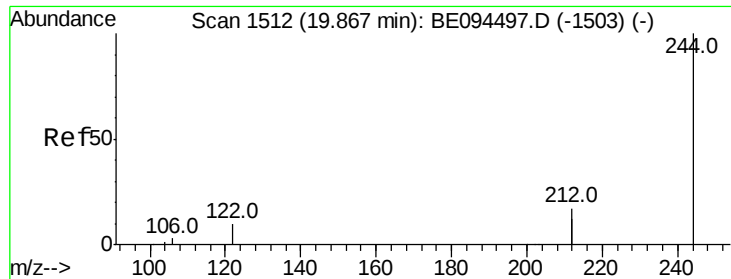
Delta R.T. 0.01 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Tgt Ion:	240	Resp:	8805
Ion Ratio	Lower	Upper	
240	100		
120	10.0	5.5	8.3#
236	25.9	20.7	31.1





#29

Terphenyl-d14

Concen: 0.300 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Instrument :

BNA_E

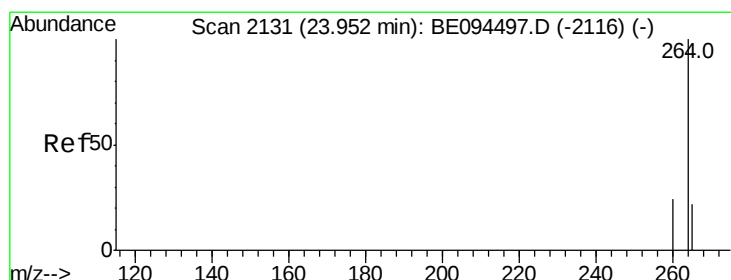
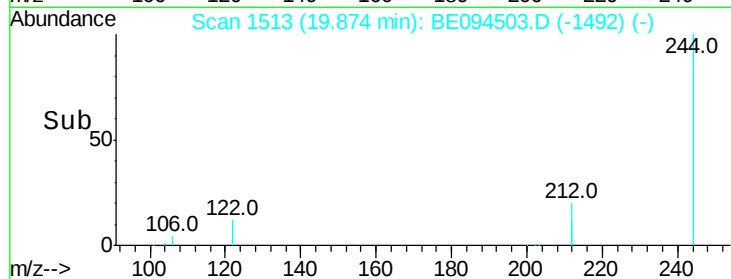
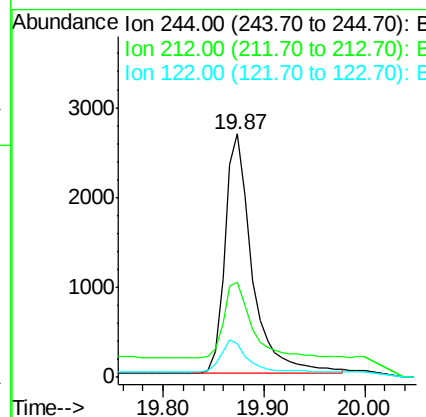
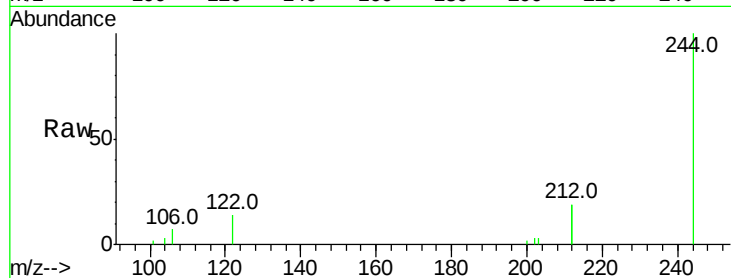
ClientSampleId :

PB103539BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	39.0	25.4	38.0#
122	13.8	8.1	12.1#

Manual Integrations
APPROVED

Sohil
10/24/2017 8:46:50 PM



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE094503.D

Acq: 23 Oct 2017 19:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	30.6	22.8	34.2

