

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
 Data File : BE092103.D
 Acq On : 1 Aug 2016 22:13
 Operator : UM/SJ
 Sample : H4107-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

Manual Integrations
 APPROVED

sohil
 8/2/2016 5:08:41 PM

Quant Time: Aug 02 01:27:21 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:22:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	15059	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	73046	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	43182	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	146138	5.00	ng	0.00
31) Chrysene-d12	21.74	240	148475	5.00	ng	0.00
40) Perylene-d12	24.15	264	126513	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	24334	5.88	ng	0.00
5) Phenol-d6	7.33	99	34599	6.03	ng	0.00
9) Nitrobenzene-d5	9.35	82	18839	3.31	ng	0.00
16) 2,4,6-Tribromophenol	16.32	330	13017	4.56	ng	-0.02
17) 2-Fluorobiphenyl	13.46	172	48541	2.90	ng	0.00
34) Terphenyl-d14	20.18	244	46621	3.21	ng	-0.03
Target Compounds						
33) Pyrene	19.98	202	3410	0.02	ng	98
42) Benzo(k)fluoranthene	23.45	252	905m	0.03	ng	

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

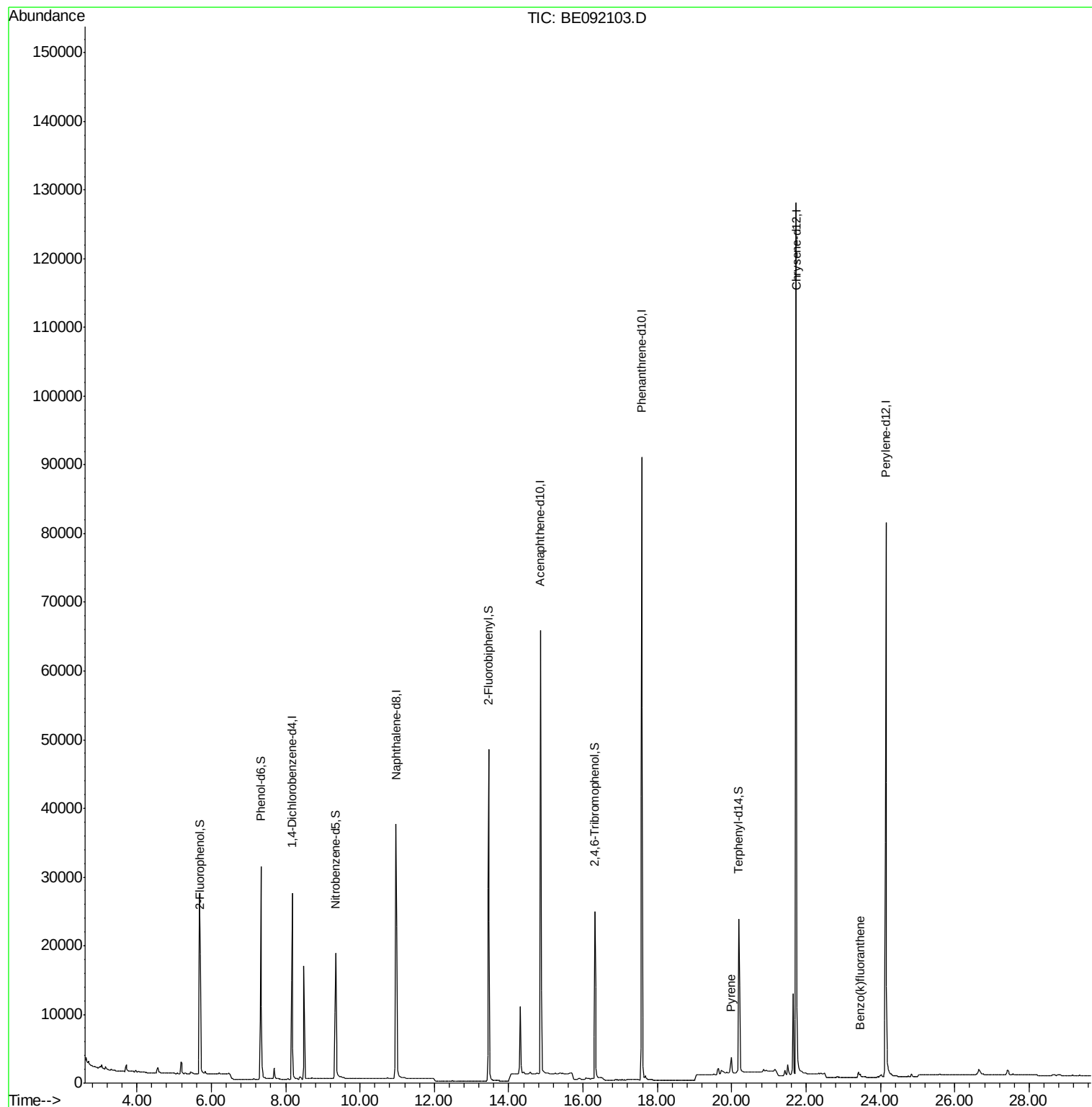
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
Data File : BE092103.D
Acq On : 1 Aug 2016 22:13
Operator : UM/SJ
Sample : H4107-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

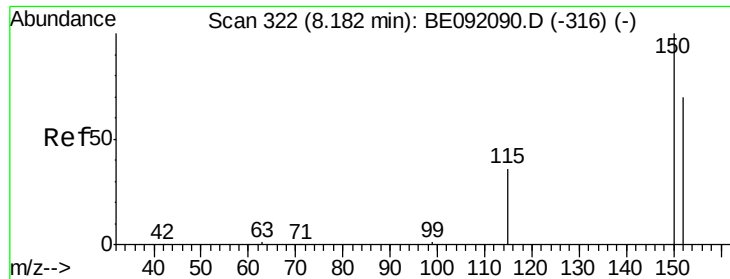
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-002

Manual Integrations
APPROVED

sohil
8/2/2016 5:08:41 PM

Quant Time: Aug 02 01:27:21 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:22:55 2016
Response via : Initial Calibration





#1

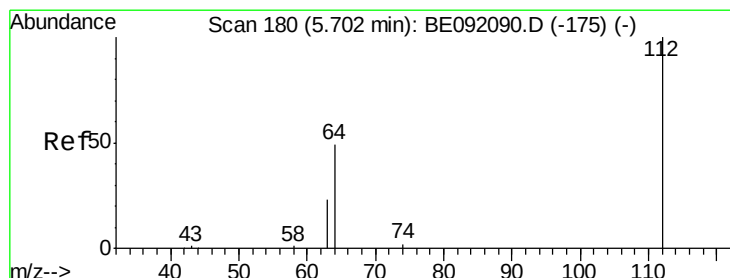
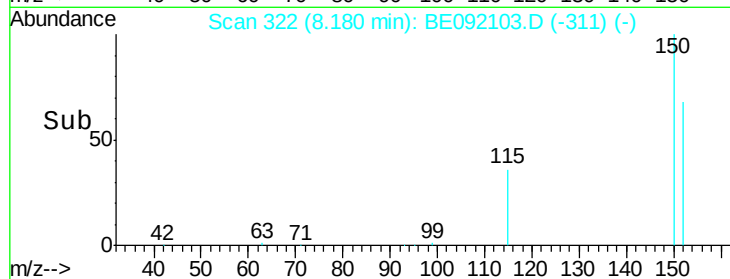
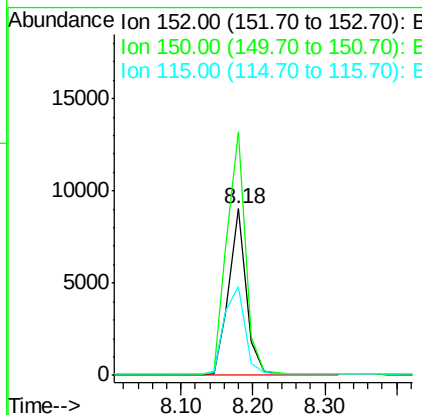
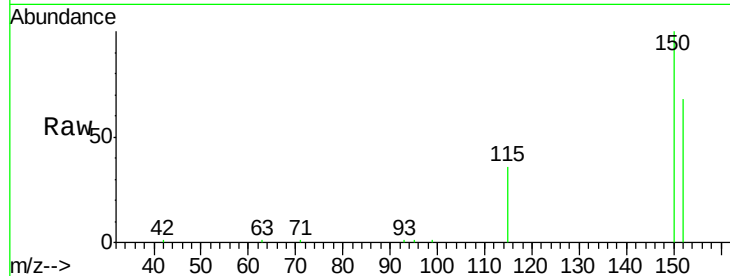
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.18 min Scan# 322
Delta R.T. -0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-002

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	106.0	159.0
115	53.3	36.9	55.3

Manual Integrations
APPROVED

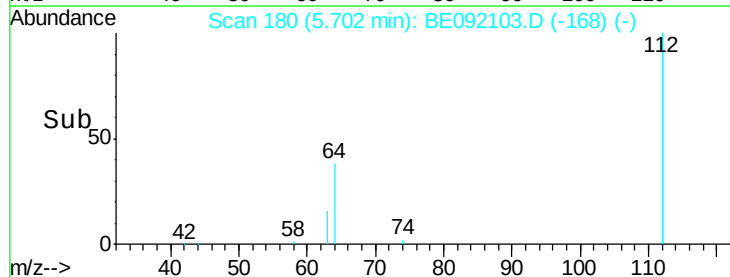
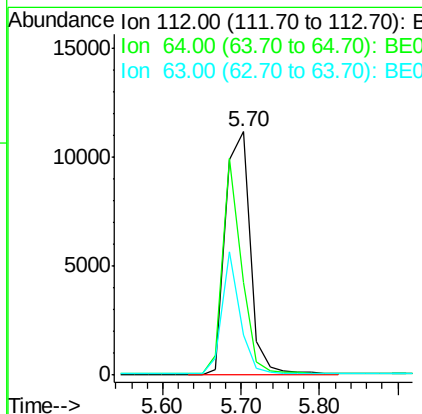
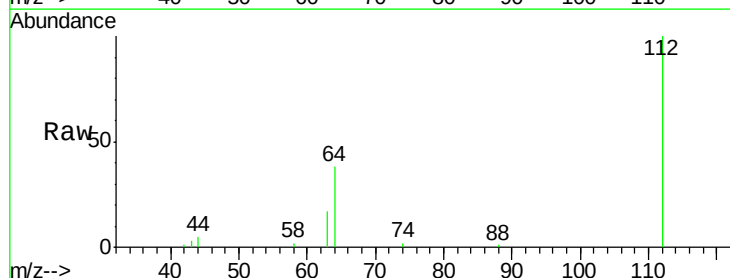
sohil
8/2/2016 5:08:41 PM

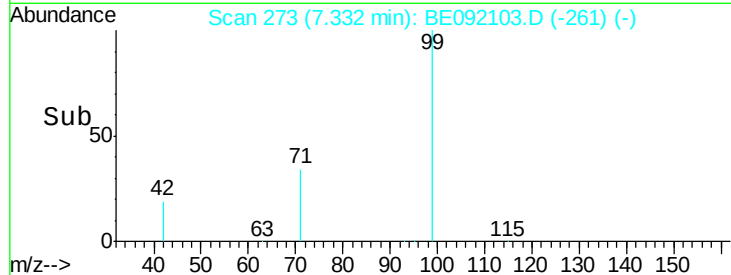
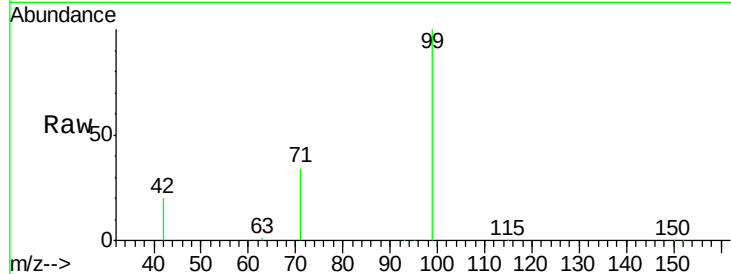
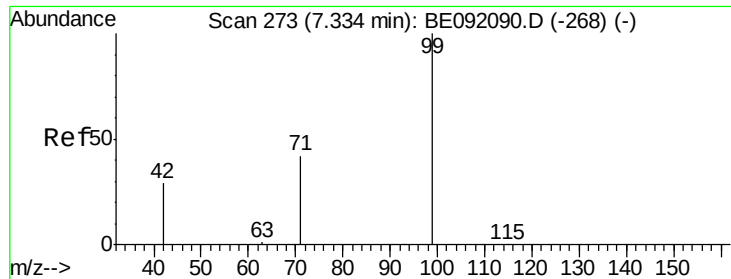


#4

2-Fluorophenol
Concen: 5.88 ng
RT: 5.70 min Scan# 180
Delta R.T. 0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	55.9	83.9
63	36.6	31.1	46.7





#5

Phenol-d6

Concen: 6.03 ng

RT: 7.33 min Scan# 273

Delta R.T. -0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Tot Ion:	99	Resp:	34599
Ion Ratio	Lower	Upper	
99	100		
42	24.1	22.4	33.6
71	35.1	28.9	43.3

Instrument :

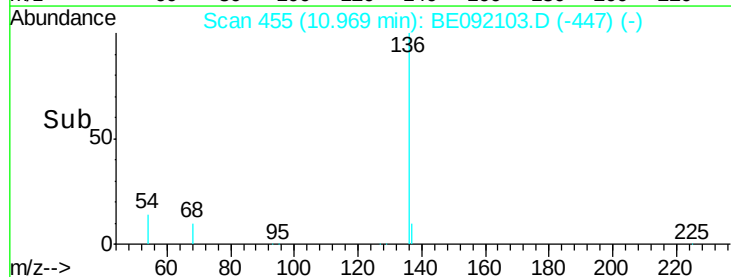
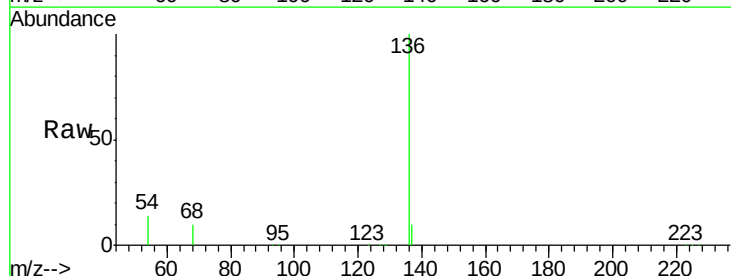
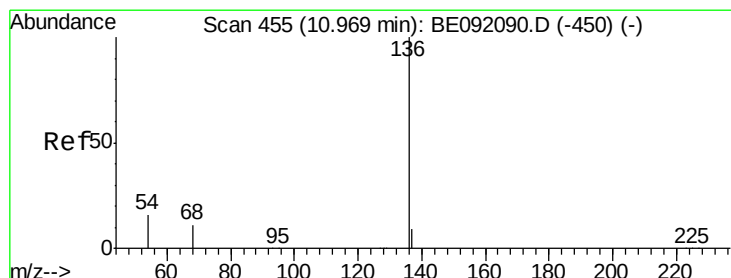
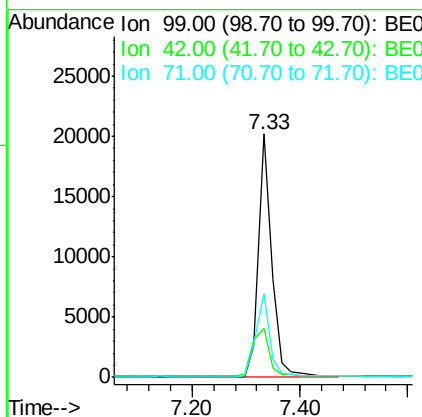
BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

Manual Integrations
APPROVED

sohil
8/2/2016 5:08:41 PM



#8

Naphthalene-d8

Concen: 5.00 ng

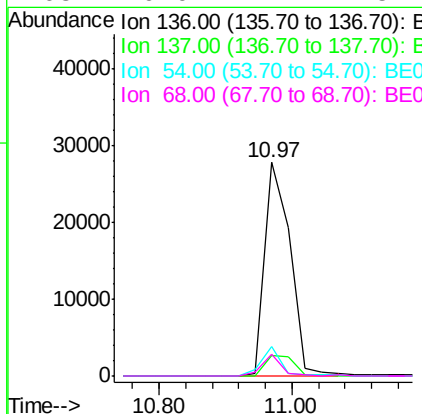
RT: 10.97 min Scan# 455

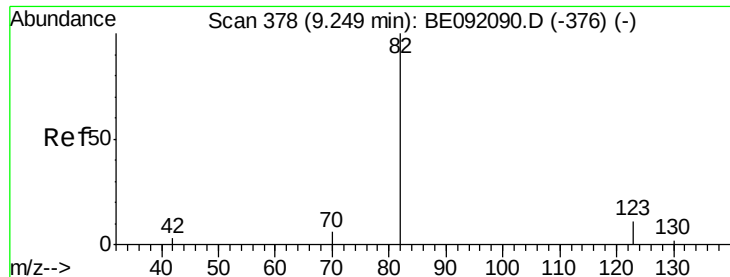
Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Tgt Ion:	136	Resp:	73046
Ion Ratio	Lower	Upper	
136	100		
137	9.8	9.1	13.7
54	14.0	2.7	4.1#
68	10.0	2.2	3.4#





#9

Nitrobenzene-d5

Concen: 3.31 ng

RT: 9.35 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

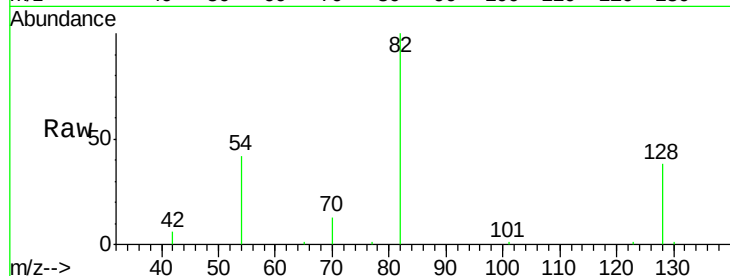
ClientSampleId :

TILCON-MH-3-4-STONE-002

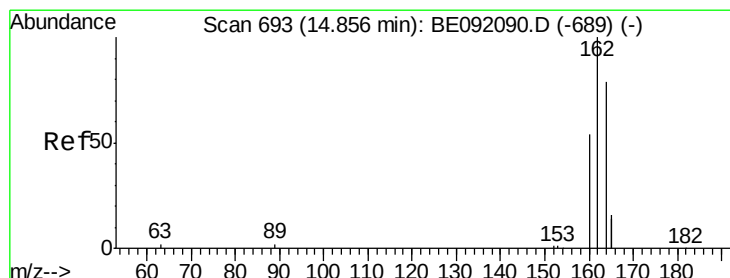
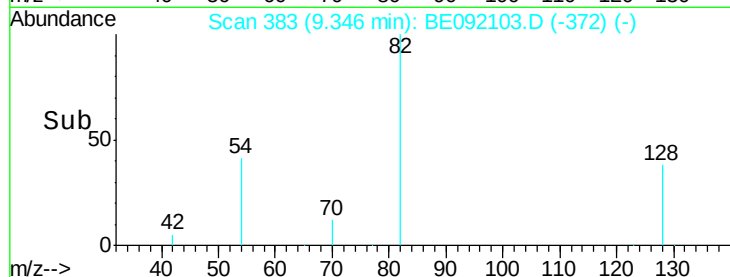
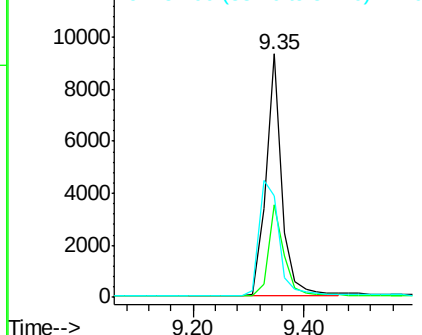
Tot Ion:	82	Resp:	18839
Ion Ratio	Lower	Upper	
82	100		
128	38.1	33.0	49.4
54	41.9	42.6	63.8#

Manual Integrations
APPROVED

sohil
8/2/2016 5:08:41 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



#15

Acenaphthene-d10

Concen: 5.00 ng

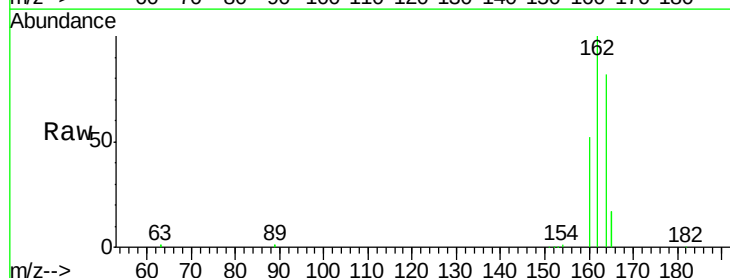
RT: 14.86 min Scan# 693

Delta R.T. 0.00 min

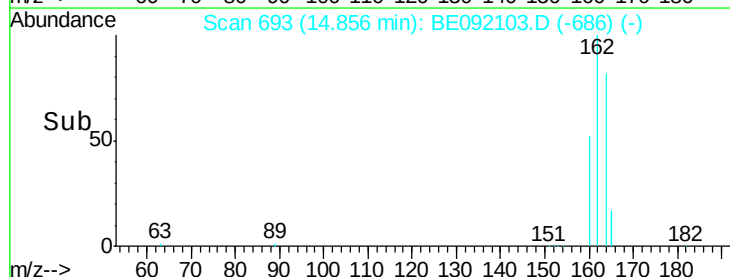
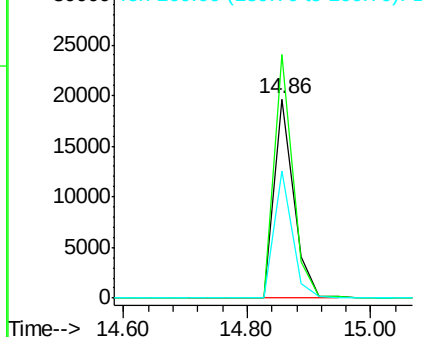
Lab File: BE092103.D

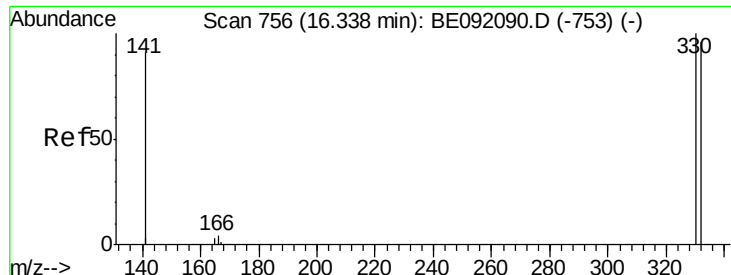
Acq: 1 Aug 2016 22:13

Tgt Ion:	164	Resp:	43182
Ion Ratio	Lower	Upper	
164	100		
162	122.3	69.5	104.3#
160	63.6	27.6	41.4#



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





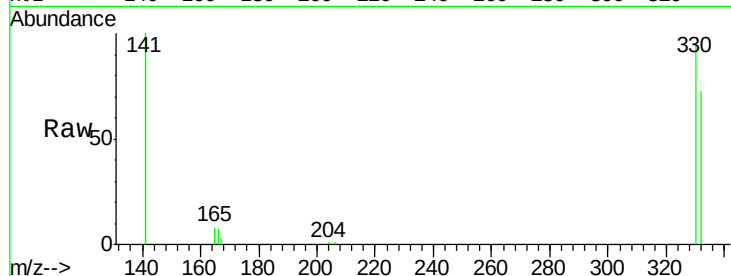
#16
 2,4,6-Tribromophenol
 Concen: 4.56 ng
 RT: 16.32 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

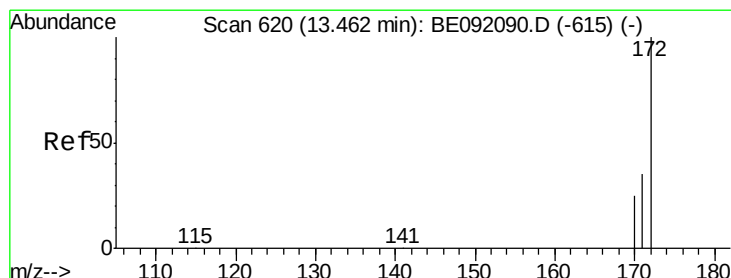
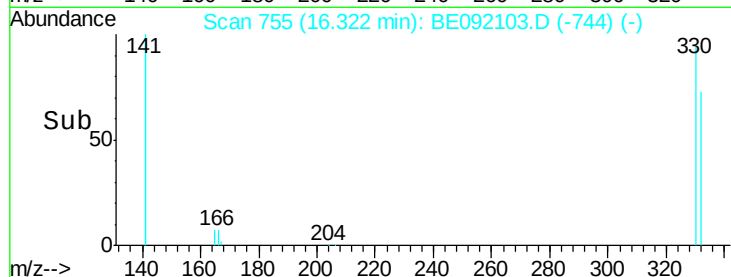
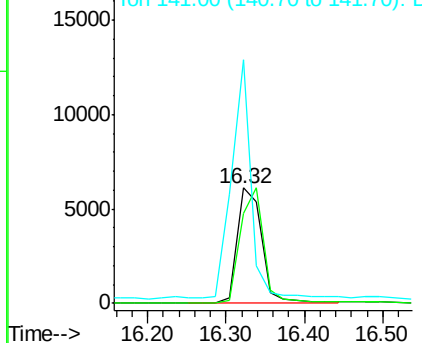
Tot Ion:330 Resp: 13017
 Ion Ratio Lower Upper
 330 100
 332 95.2 74.2 111.4
 141 166.5 139.8 209.8

Manual Integrations
 APPROVED

sohil
 8/2/2016 5:08:41 PM

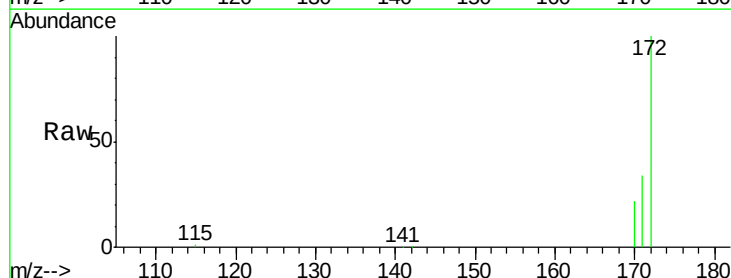


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

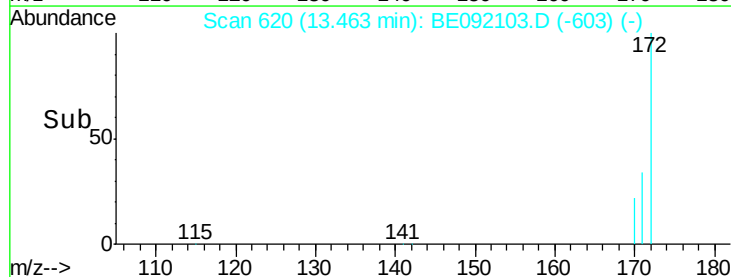
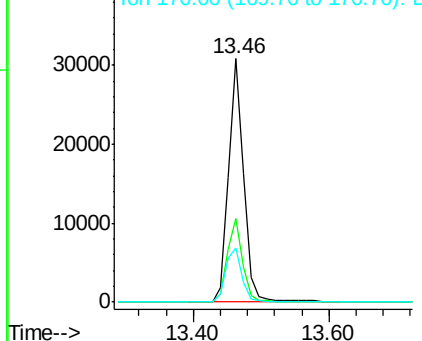


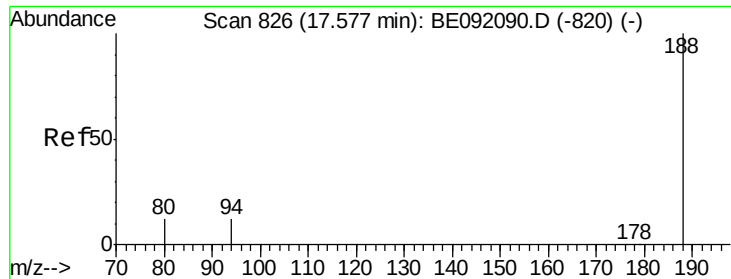
#17
 2-Fluorobiphenyl
 Concen: 2.90 ng
 RT: 13.46 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

Tgt Ion:172 Resp: 48541
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.3 45.5
 170 22.4 21.6 32.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





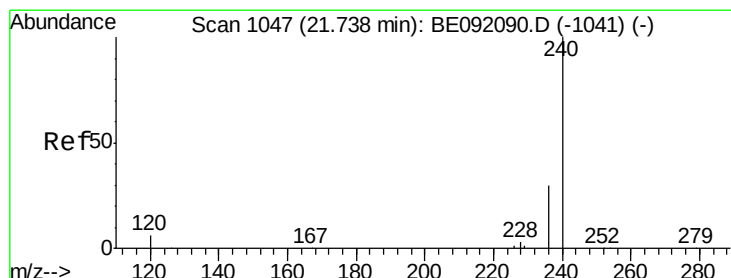
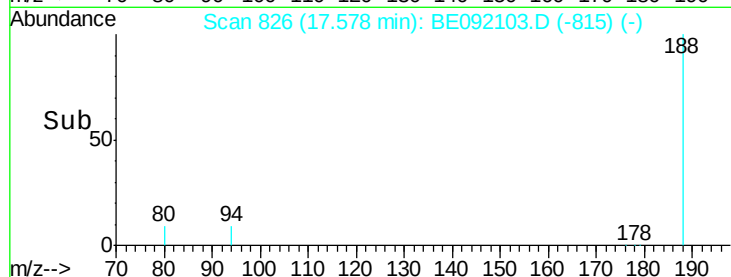
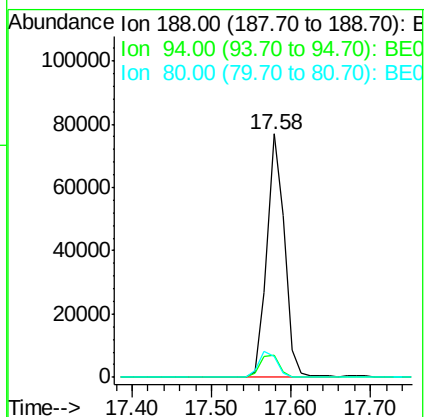
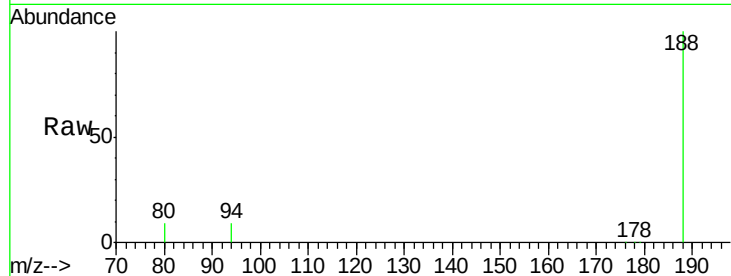
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-002

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	3.9	5.9#
80	8.8	3.4	5.0#

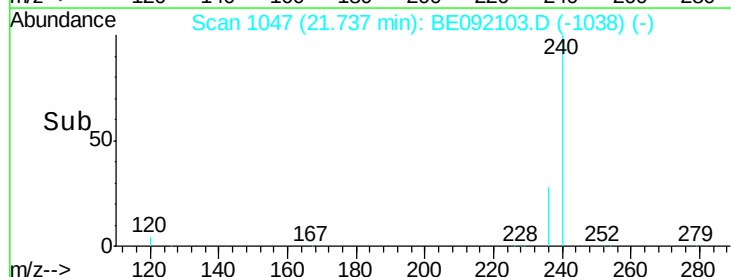
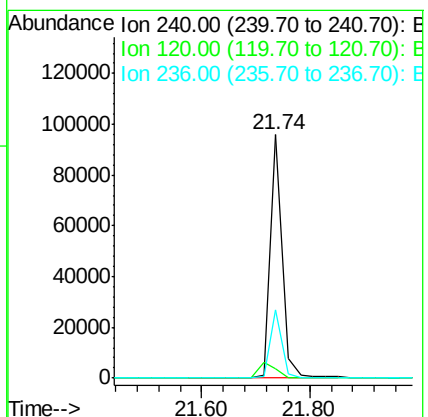
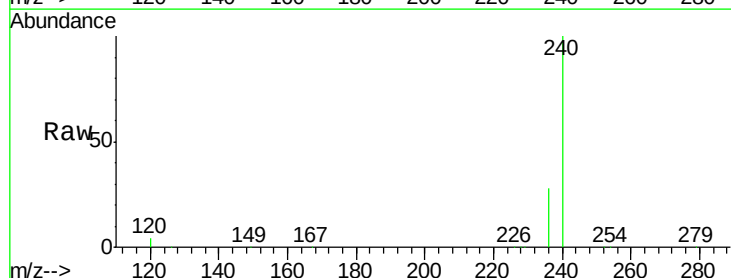
Manual Integrations
APPROVED

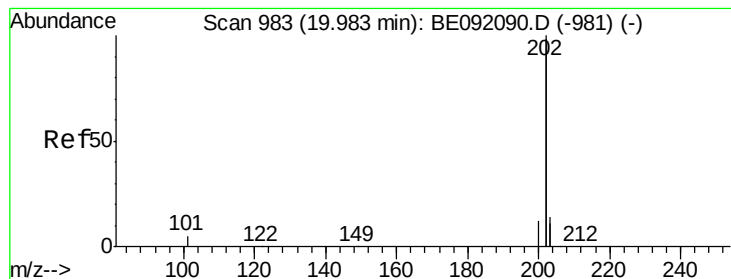
sohil
8/2/2016 5:08:41 PM



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.74 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	3.8	0.6	1.0#
236	28.1	18.2	27.4#





#33

Pvrene

Concen: 0.02 ng

RT: 19.98 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

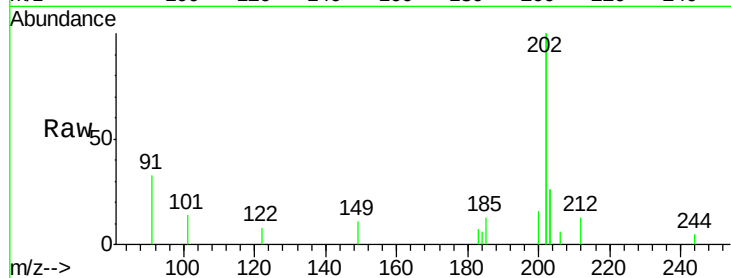
ClientSampleId :

TILCON-MH-3-4-STONE-002

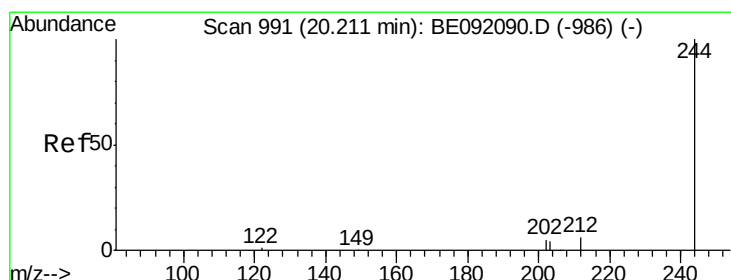
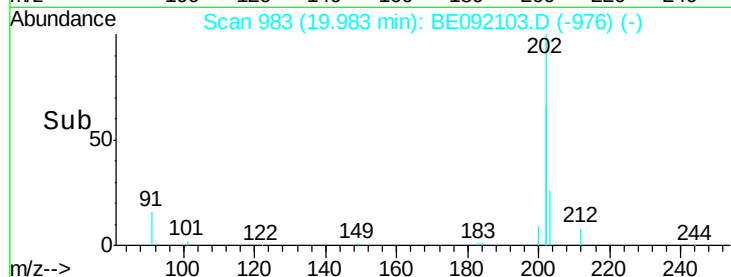
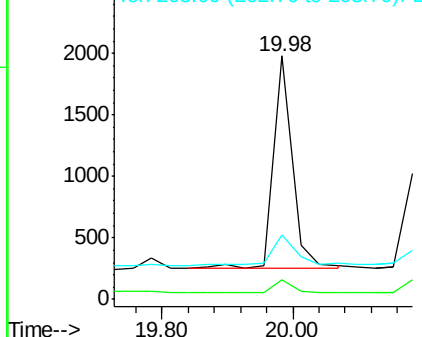
Tot Ion:	202	Resp:	3410
Ion Ratio	Lower	Upper	
202	100		
200	5.8	4.4	6.6
203	17.7	13.4	20.0

Manual Integrations
APPROVED

sohil
8/2/2016 5:08:41 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 3.21 ng

RT: 20.18 min Scan# 990

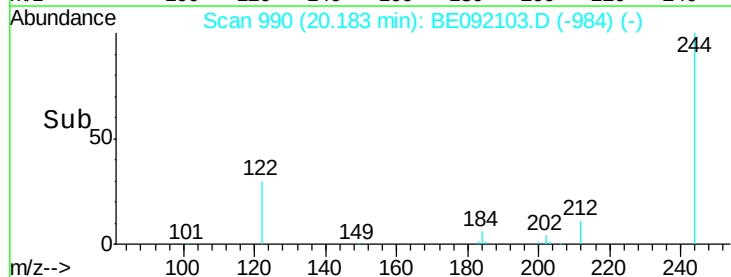
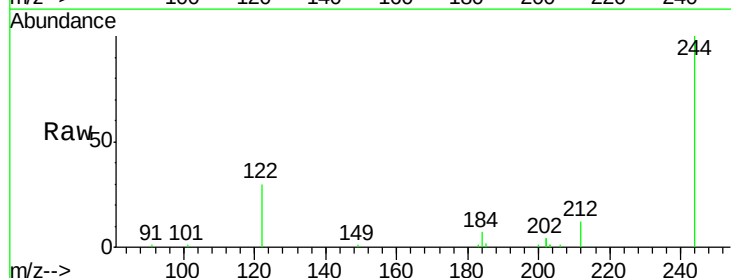
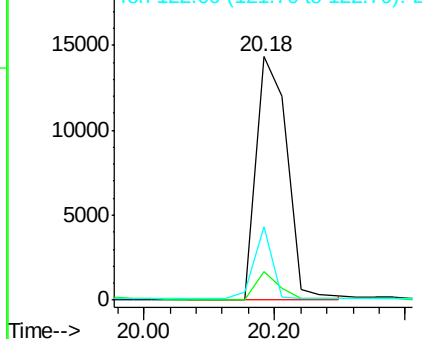
Delta R.T. -0.03 min

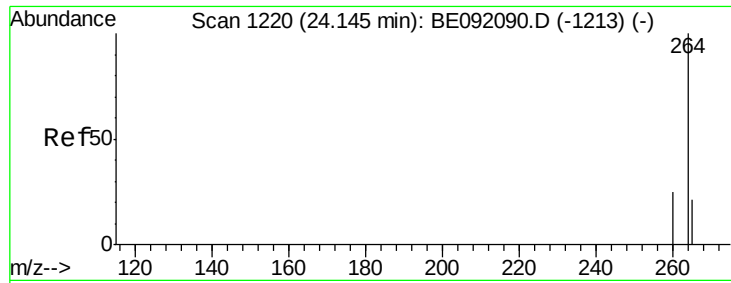
Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Tgt Ion:	244	Resp:	46621
Ion Ratio	Lower	Upper	
244	100		
212	11.7	9.1	13.7
122	30.3	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





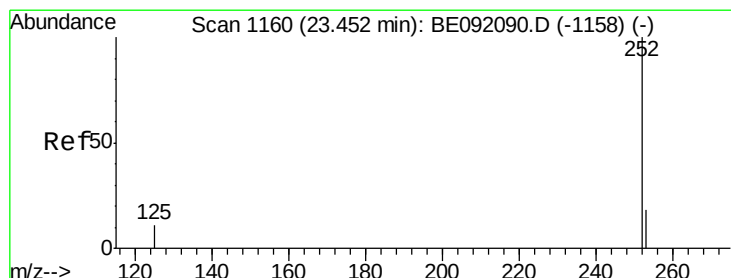
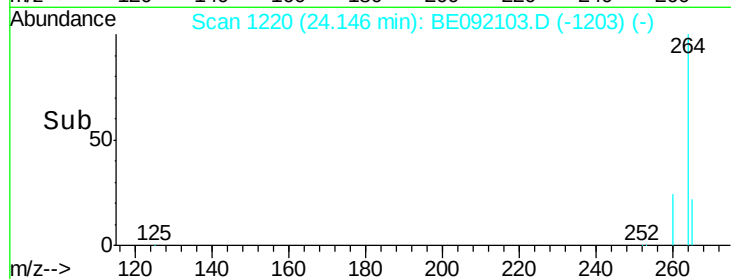
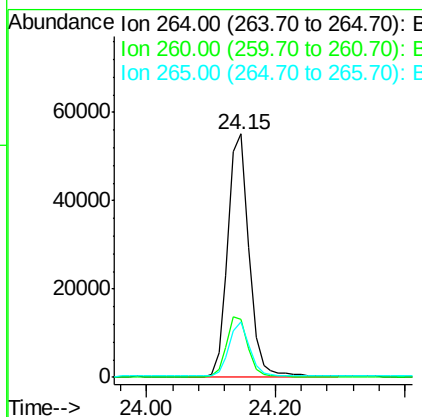
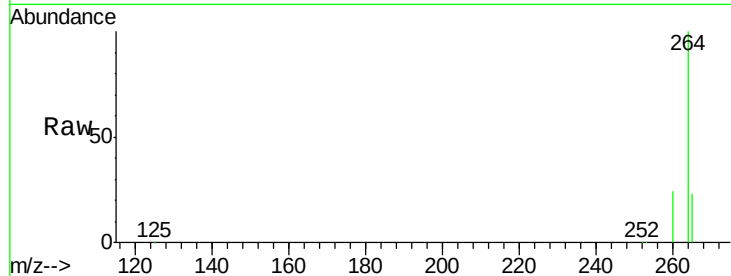
#40
Pervlene-d12
Concen: 5.00 ng
RT: 24.15 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.8	31.2
265	22.8	16.6	25.0

Manual Integrations
APPROVED

sohil
8/2/2016 5:08:41 PM



#42
Benzo(k)fluoranthene
Concen: 0.03 ng m
RT: 23.45 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.3	19.4	29.0#
125	61.7	8.9	13.3#

