

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096823.D
 Acq On : 19 Jun 2018 00:10
 Operator : SJ/JU
 Sample : J3467-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-061218

Manual Integrations
 APPROVED

Sohil
 6/19/2018 5:57:34 PM

Quant Time: Jun 19 02:02:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2975	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14204	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	8006	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	22693	0.40	ng	0.00
27) Chrysene-d12	20.98	240	24326	0.40	ng	0.00
34) Perylene-d12	23.22	264	25400	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1335	0.21	ng	0.00
5) Phenol-d6	6.60	99	1167	0.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	3350	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	6330	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	988	0.55	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	12337	0.37	ng	0.00
25) Fluoranthene-d10	18.82	212	77706	0.35	ng	0.00
29) Terphenyl-d14	19.44	244	25782	0.47	ng	0.00
Target Compounds						
23) Phenanthrene	16.81	178	1689	0.027	ng	Qvalue # 92
26) Fluoranthene	18.84	202	3625	0.056	ng	96
28) Pyrene	19.21	202	2672	0.033	ng	# 96
31) Chrysene	21.01	228	1848m	0.025	ng	
32) Bis(2-ethylhexyl)phthalate	20.93	149	25405	0.573	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	1170	0.021	ng	# 78
35) Benzo(b)fluoranthene	22.54	252	2499m	0.036	ng	
39) Benzo(g,h,i)perylene	26.21	276	1325	0.021	ng	# 71

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

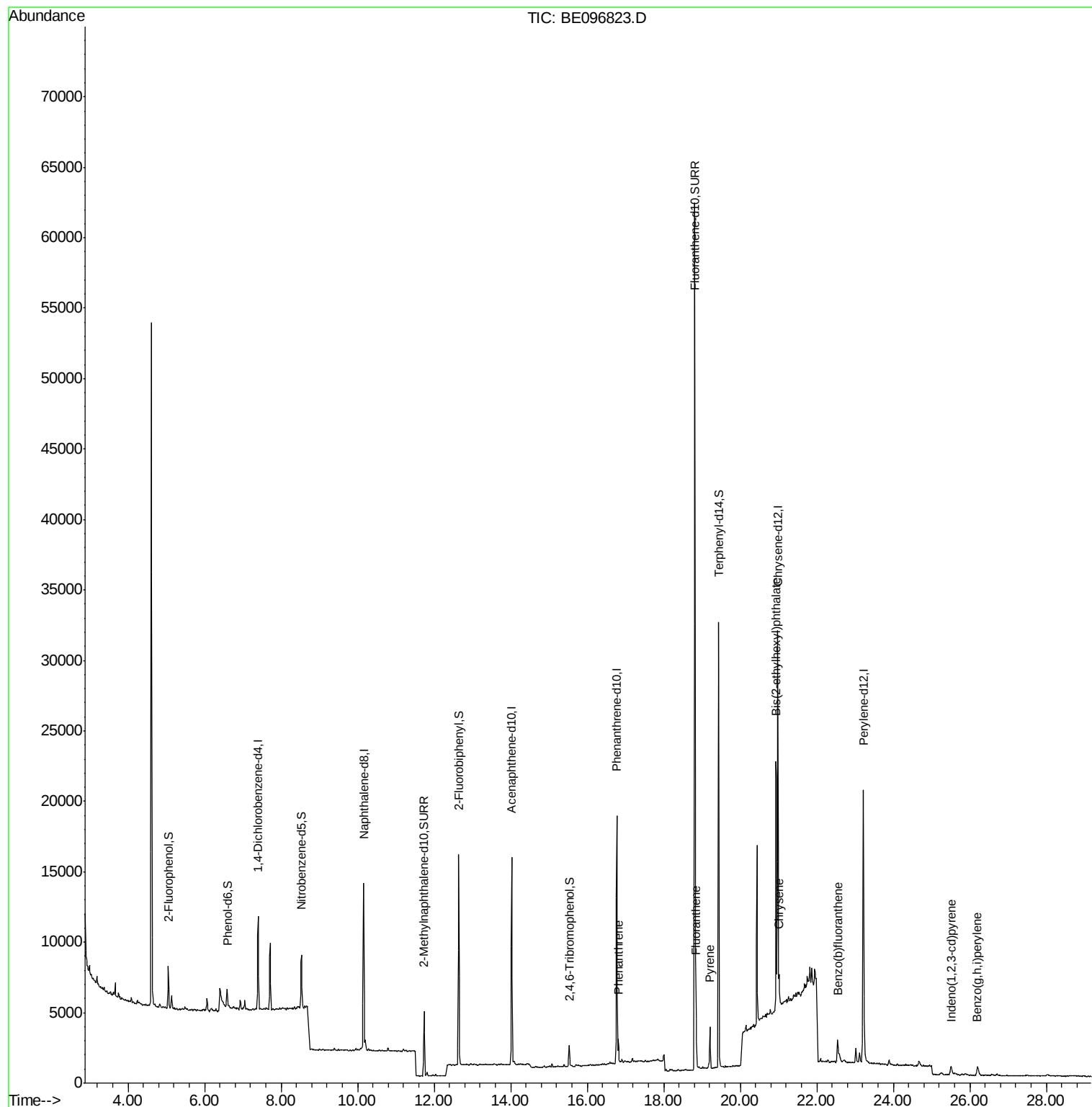
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096823.D
Acq On : 19 Jun 2018 00:10
Operator : SJ/JU
Sample : J3467-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

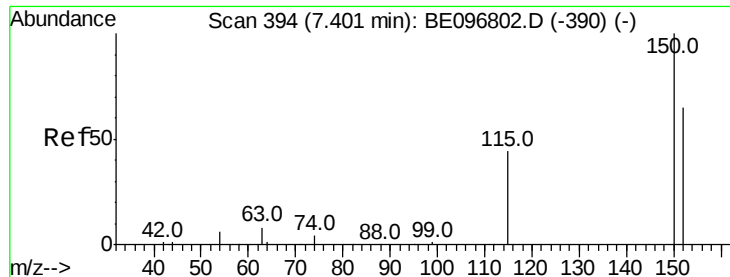
Instrument :
BNA_E
ClientSampleId :
C-MW-06-061218

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM

Quant Time: Jun 19 02:02:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 13:28:13 2018
Response via : Initial Calibration





#1

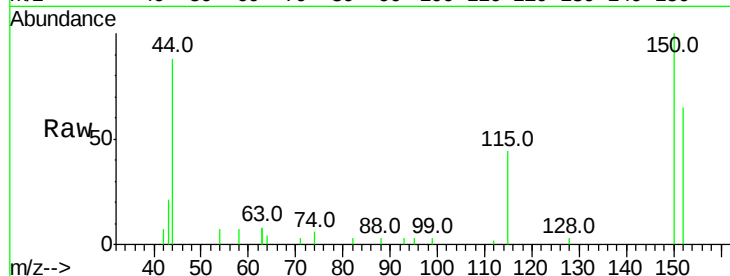
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096823.D
Acq: 19 Jun 2018 00:10

Instrument :
BNA_E
ClientSampleId :
C-MW-06-061218

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	117.2	175.8
115	68.7	57.0	85.6

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM

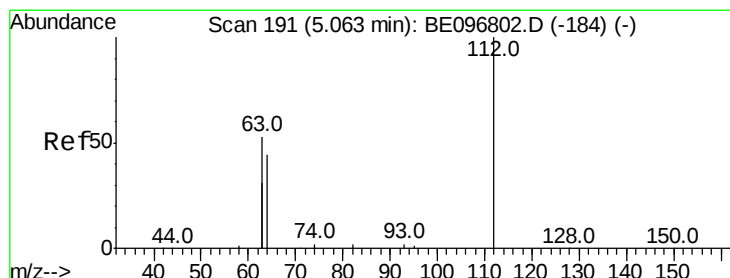
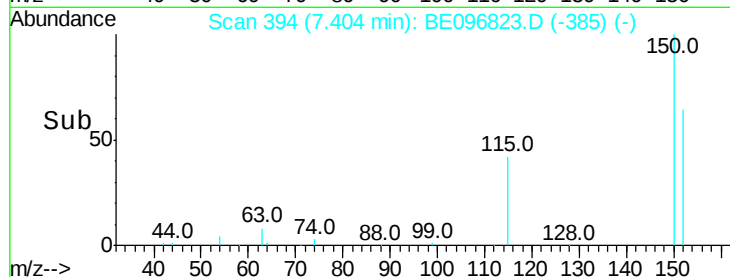
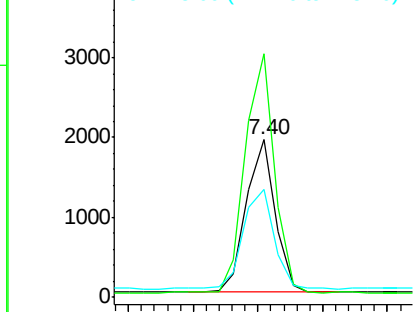


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

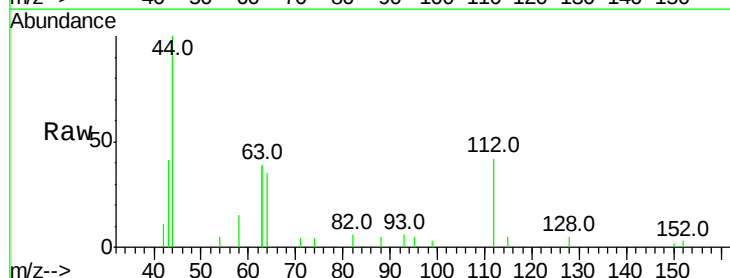
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.205 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE096823.D
Acq: 19 Jun 2018 00:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	60.1	90.1
63	150.7	116.8	175.2

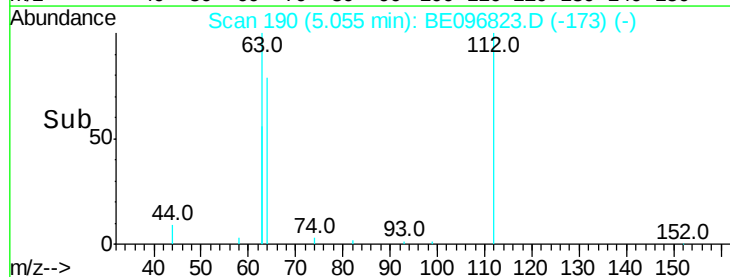
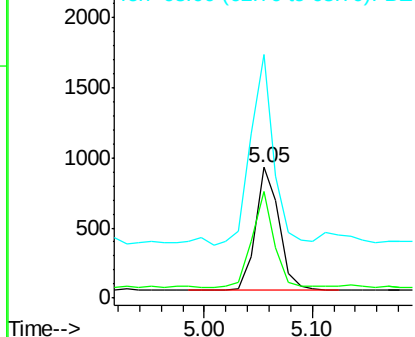


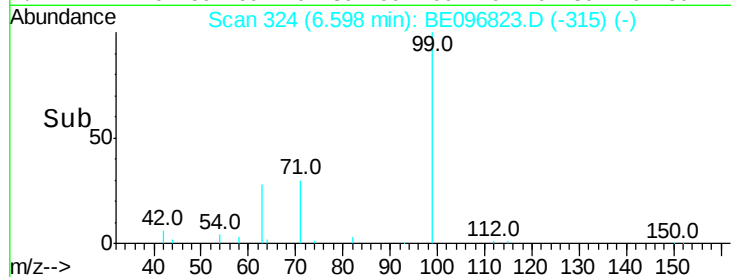
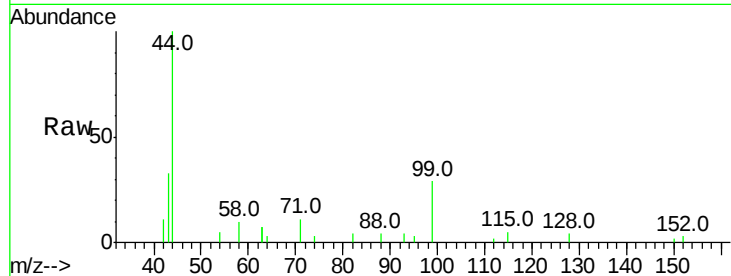
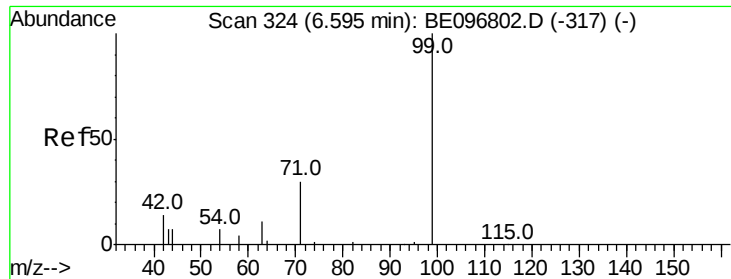
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.120 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Tot Ion:	99	Resp:	1167
Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.2	30.2
71	37.6	28.4	42.6

Instrument :

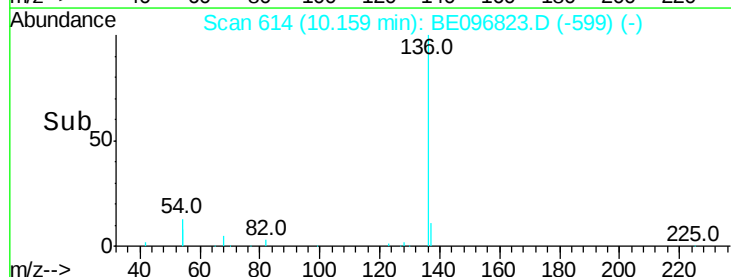
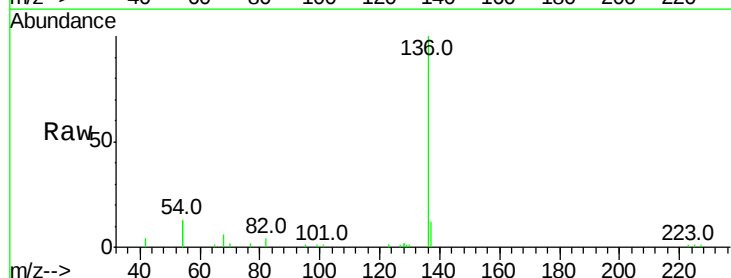
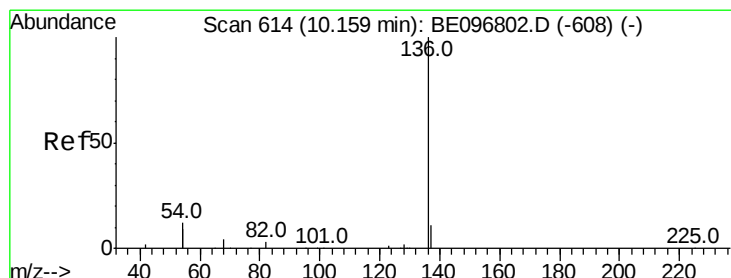
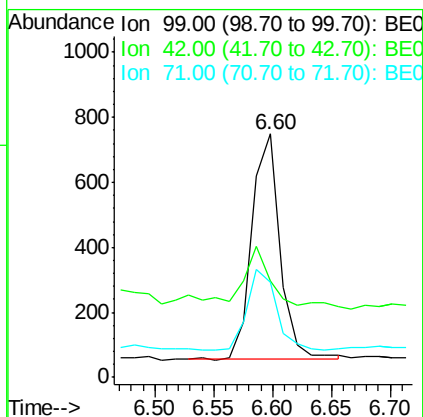
BNA_E

ClientSampleId :

C-MW-06-061218

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM



#7

Naphthalene-d8

Concen: 0.400 ng

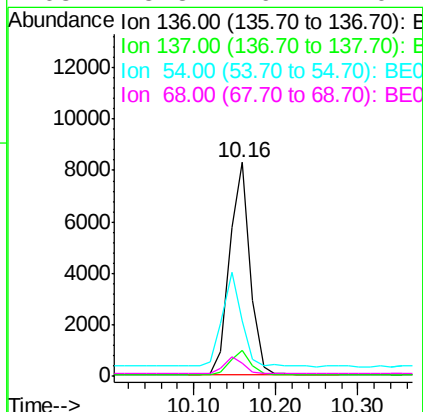
RT: 10.16 min Scan# 614

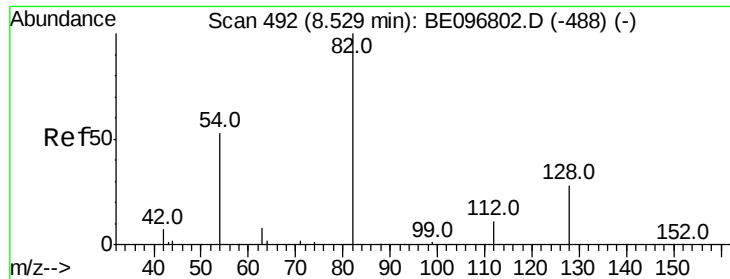
Delta R.T. -0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Tgt Ion:	136	Resp:	14204
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	25.5	29.1	43.7#
68	5.8	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.424 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Instrument :

BNA_E

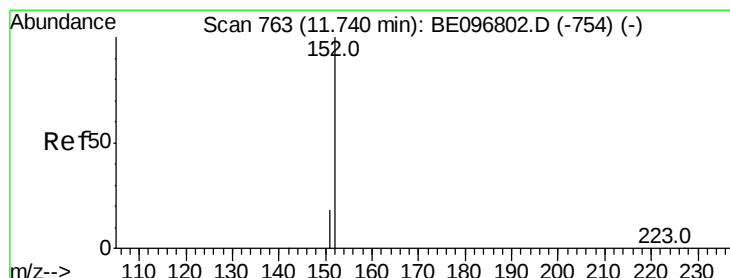
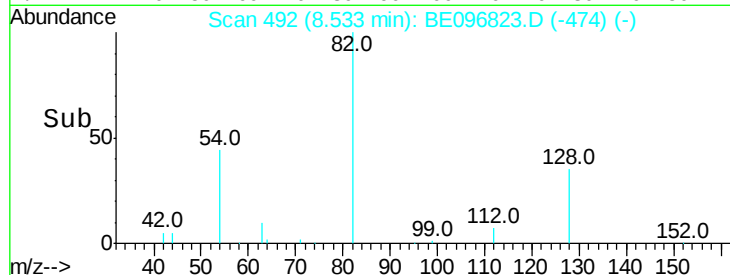
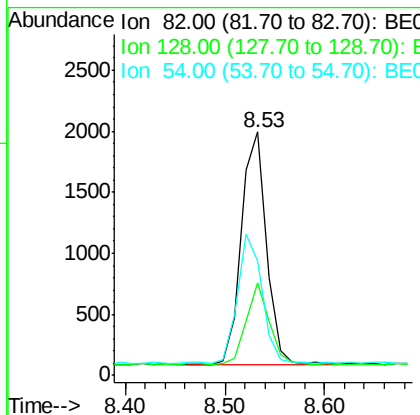
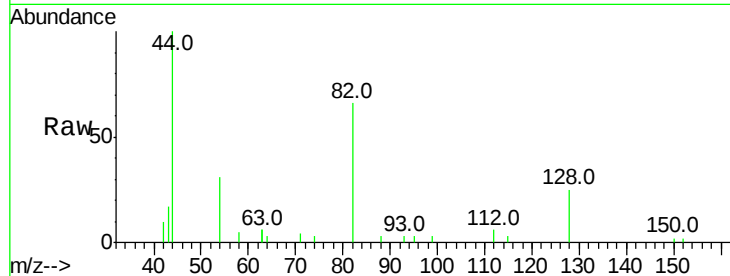
ClientSampleId :

C-MW-06-061218

Tot Ion:	82	Resp:	3350
Ion	Ratio	Lower	Upper
82	100		
128	38.1	24.0	36.0#
54	47.1	40.0	60.0

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM



#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

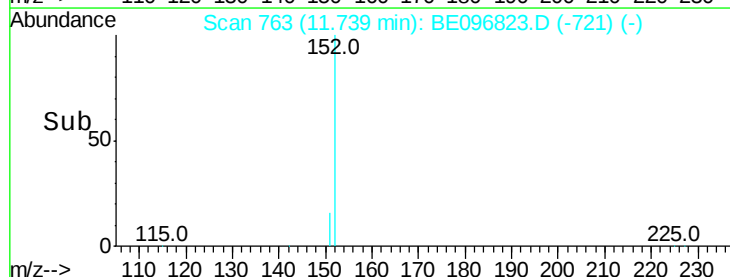
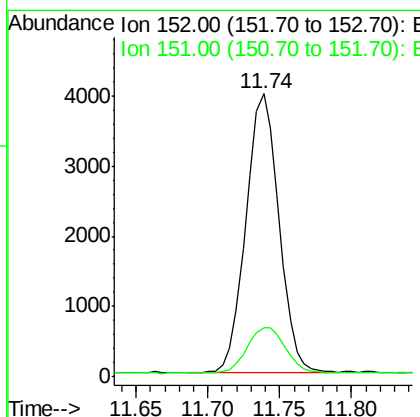
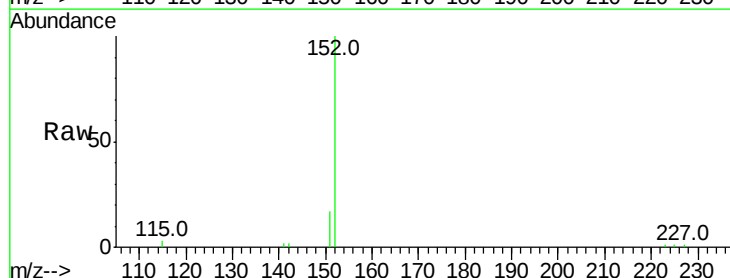
RT: 11.74 min Scan# 763

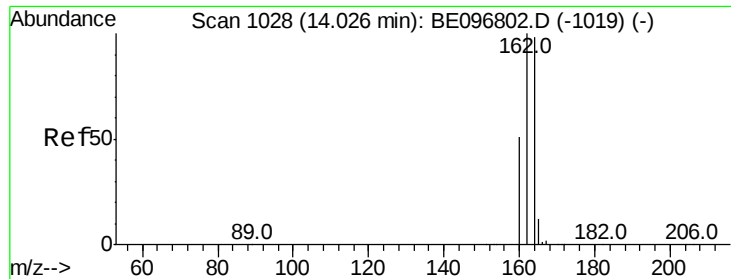
Delta R.T. -0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Tgt Ion:	152	Resp:	6330
Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Instrument :

BNA_E

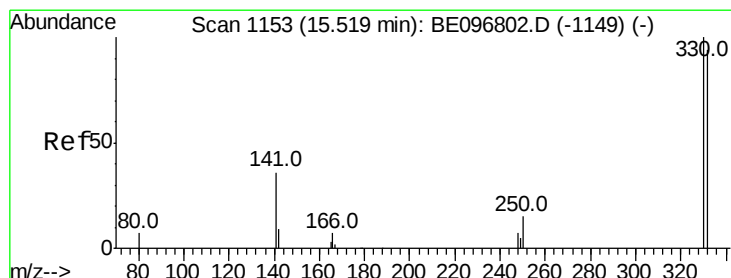
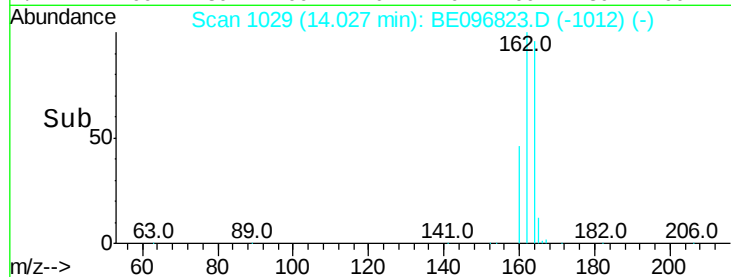
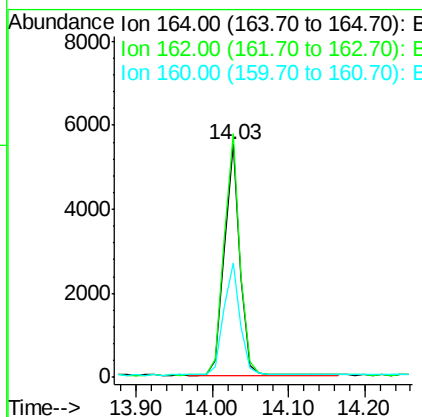
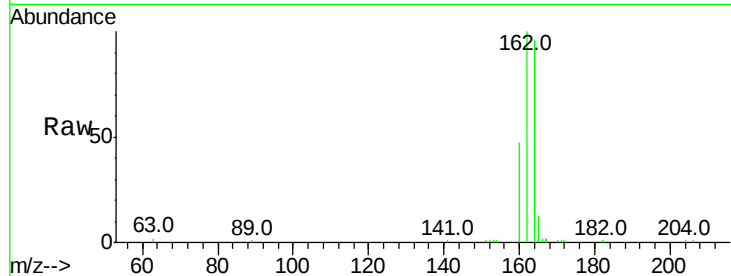
ClientSampleId :

C-MW-06-061218

Tot Ion:	164	Resp:	8006
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.1	124.7
160	48.8	37.1	55.7

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM



#14

2,4,6-Tribromophenol

Concen: 0.547 ng

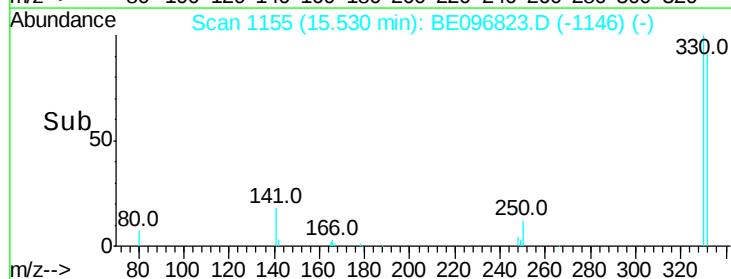
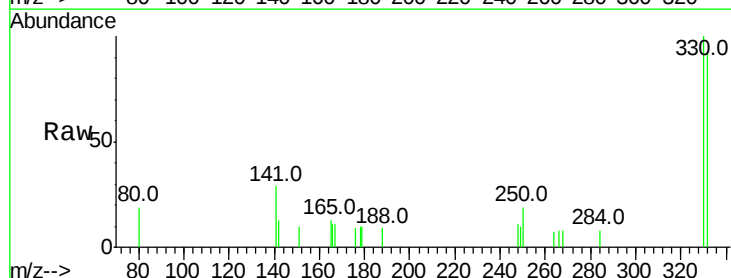
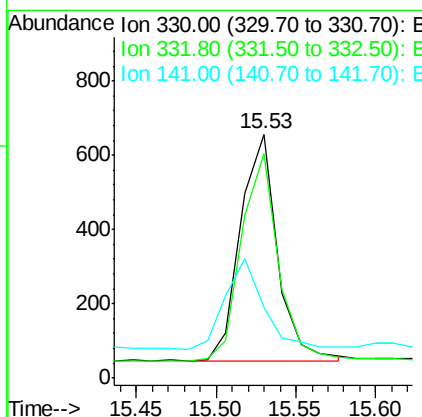
RT: 15.53 min Scan# 1155

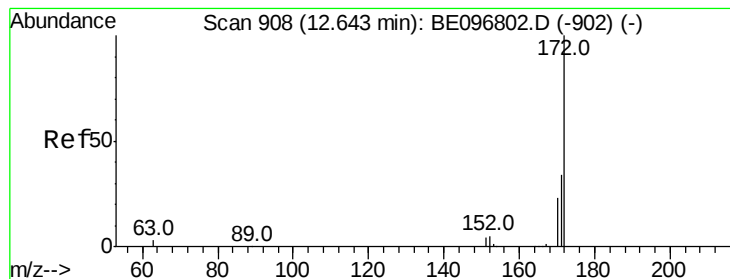
Delta R.T. 0.01 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Tgt Ion:	330	Resp:	988
Ion Ratio	Lower	Upper	
330	100		
332	90.8	152.7	229.1#
141	40.0	33.7	50.5





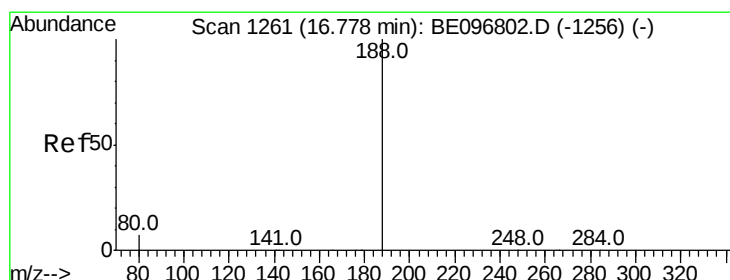
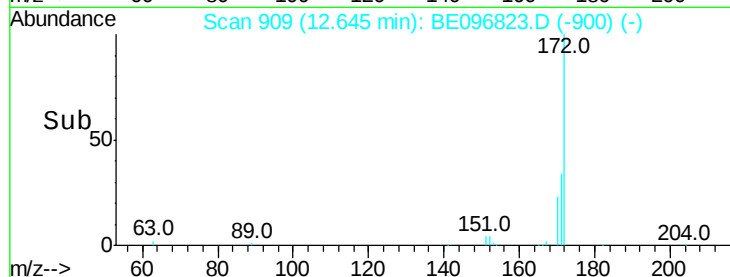
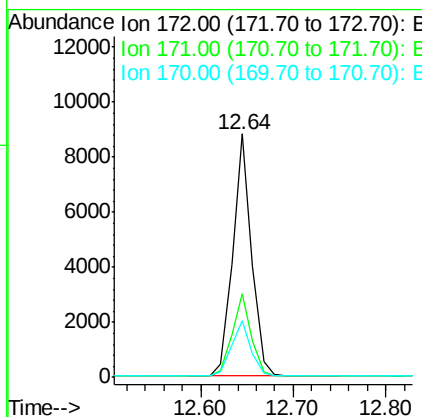
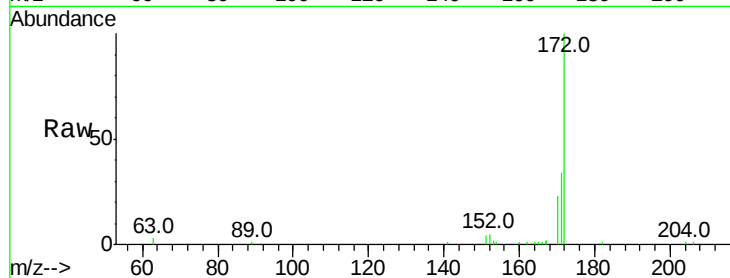
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096823.D
Acq: 19 Jun 2018 00:10

Instrument :
BNA_E
ClientSampleId :
C-MW-06-061218

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.9	44.9
170	23.4	21.8	32.8

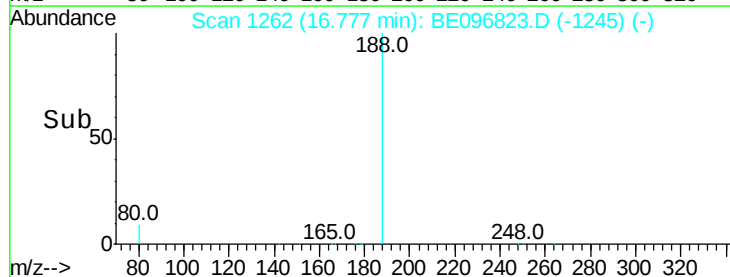
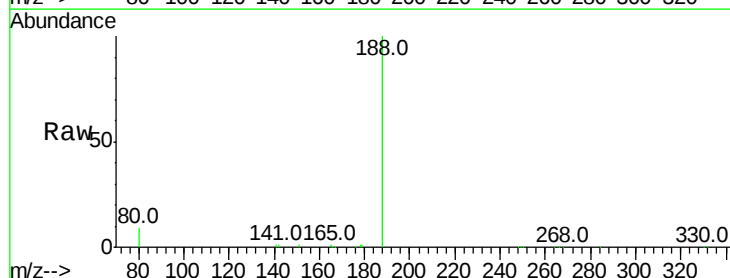
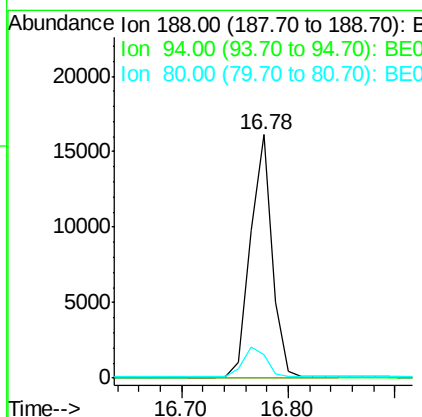
Manual Integrations
APPROVED

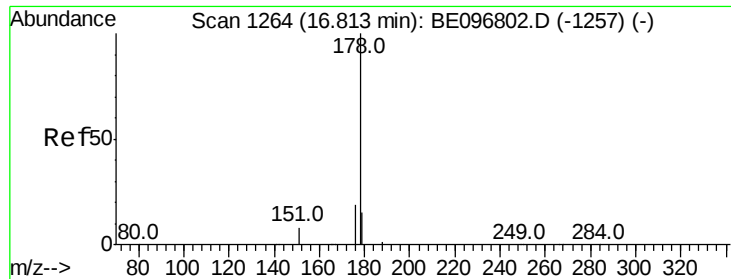
Sohil
6/19/2018 5:57:34 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096823.D
Acq: 19 Jun 2018 00:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.4	3.6	5.4#





#23

Phenanthrene

Concen: 0.027 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Instrument :

BNA_E

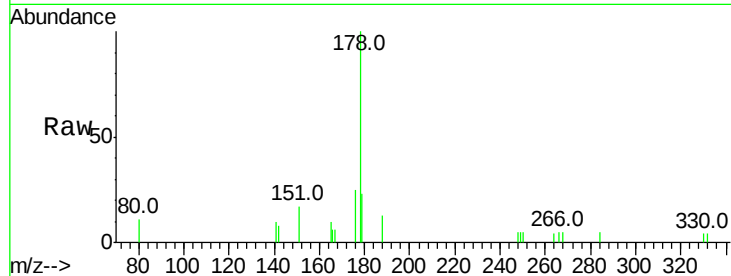
ClientSampleId :

C-MW-06-061218

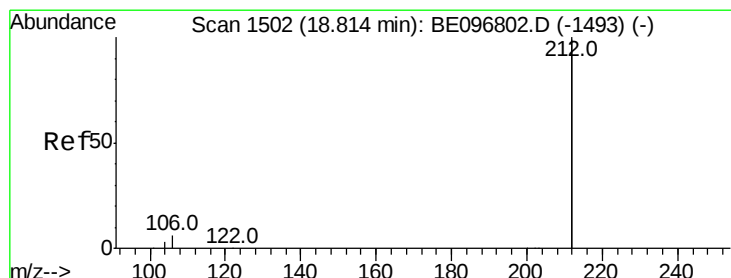
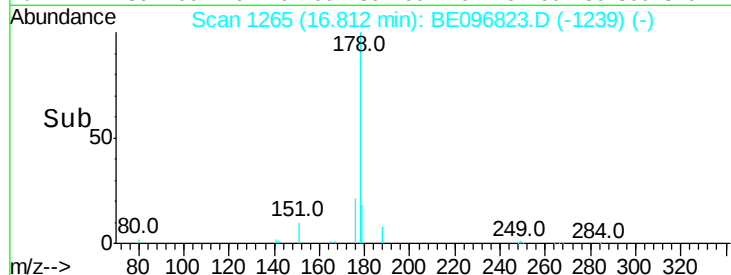
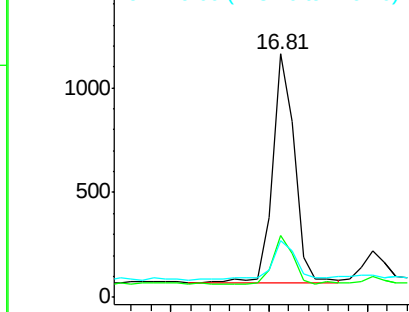
Tot Ion:178	Resp:	1689
Ion Ratio	Lower	Upper
178 100		
176 20.0	15.1	22.7
179 20.6	11.8	17.6#

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.350 ng

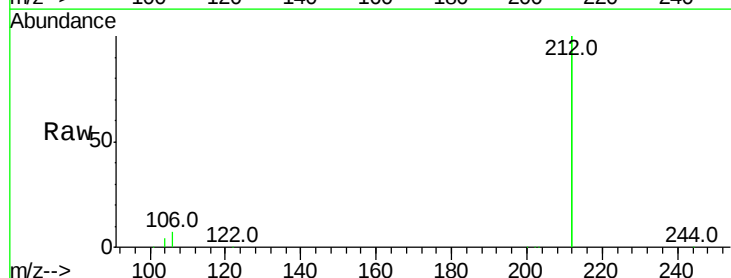
RT: 18.82 min Scan# 1504

Delta R.T. 0.00 min

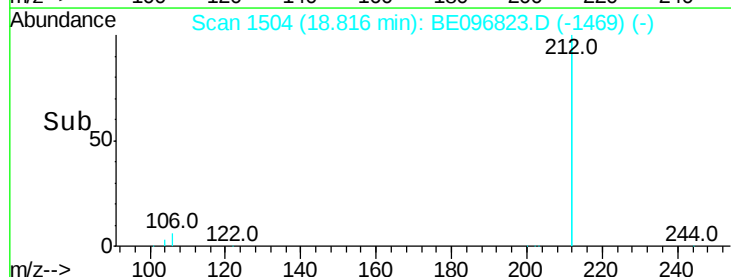
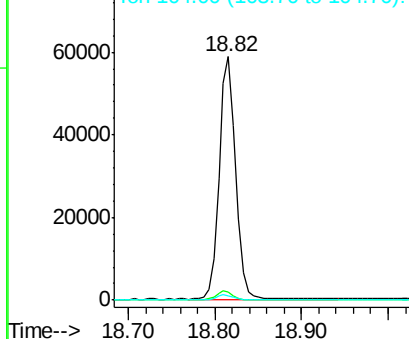
Lab File: BE096823.D

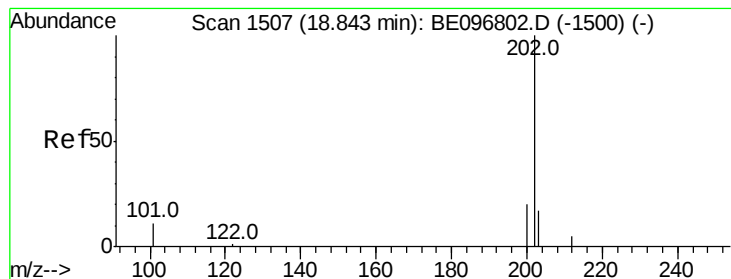
Acq: 19 Jun 2018 00:10

Tgt Ion:212	Resp:	77706
Ion Ratio	Lower	Upper
212 100		
106 3.6	2.8	4.2
104 2.0	1.6	2.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.056 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Instrument :

BNA_E

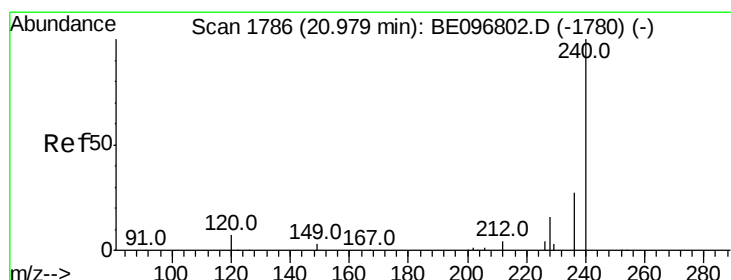
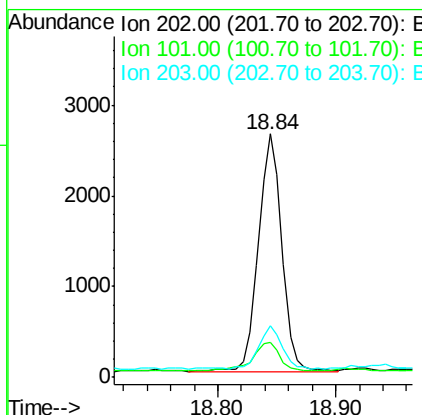
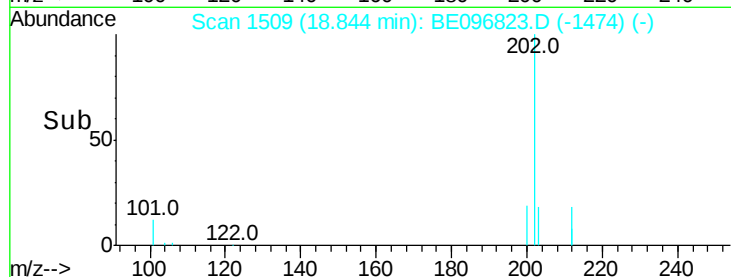
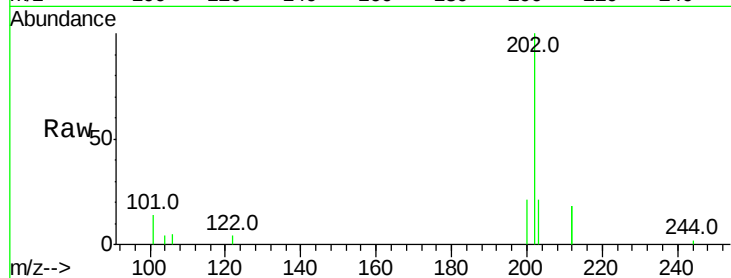
ClientSampleId :

C-MW-06-061218

Tot Ion:	202	Resp:	3625
Ion Ratio	Lower	Upper	
202	100		
101	14.4	9.8	14.8
203	18.2	13.7	20.5

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM



#27

Chrysene-d12

Concen: 0.400 ng

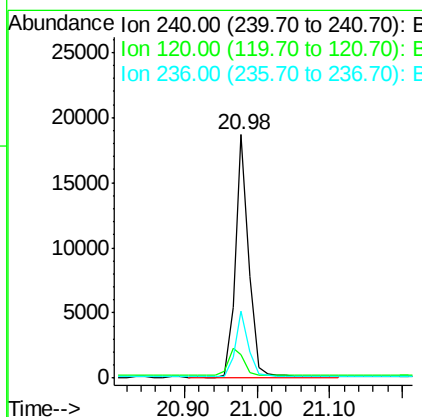
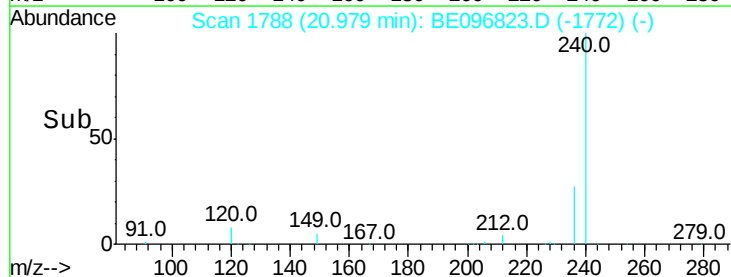
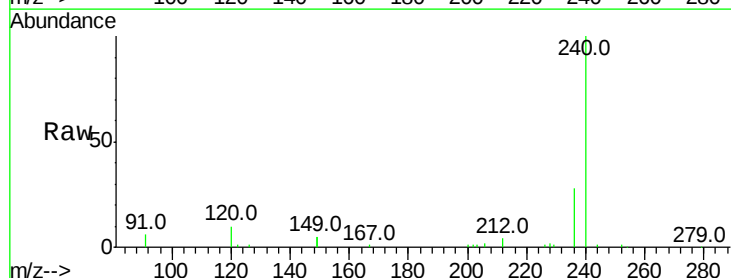
RT: 20.98 min Scan# 1788

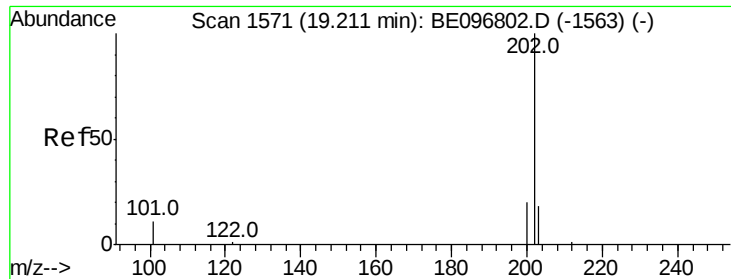
Delta R.T. -0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Tgt Ion:	240	Resp:	24326
Ion Ratio	Lower	Upper	
240	100		
120	9.5	5.5	8.3#
236	27.6	20.7	31.1





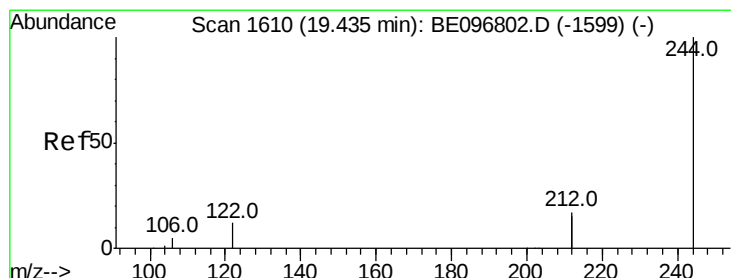
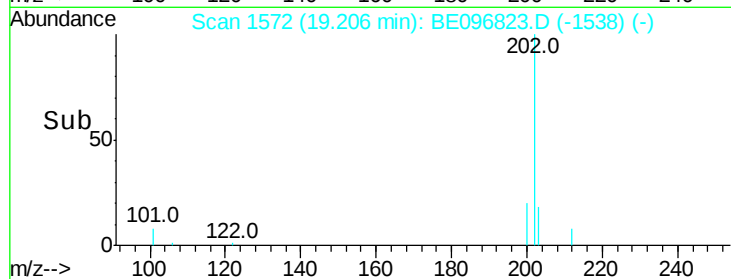
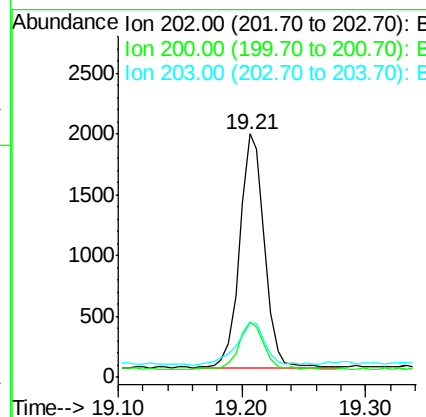
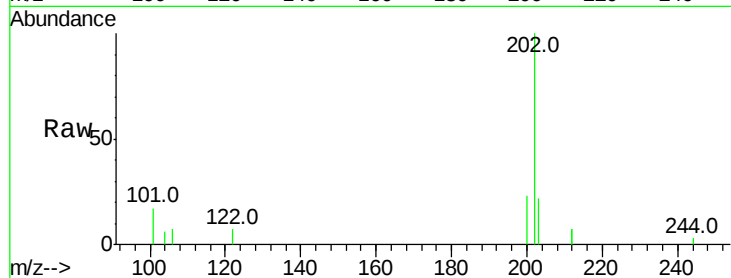
#28
Pvrene
Concen: 0.033 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096823.D
Acq: 19 Jun 2018 00:10

Instrument :
BNA_E
ClientSampleId :
C-MW-06-061218

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2672		
200	21.1		16.6	25.0
203	20.8		13.8	20.8#

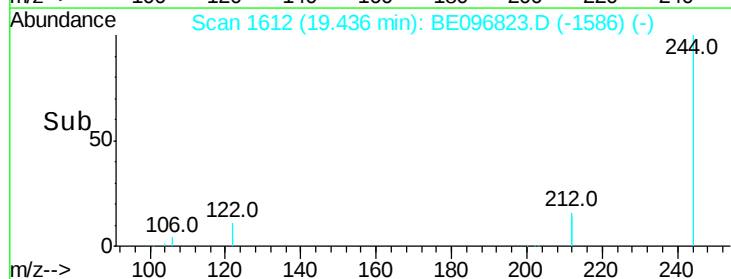
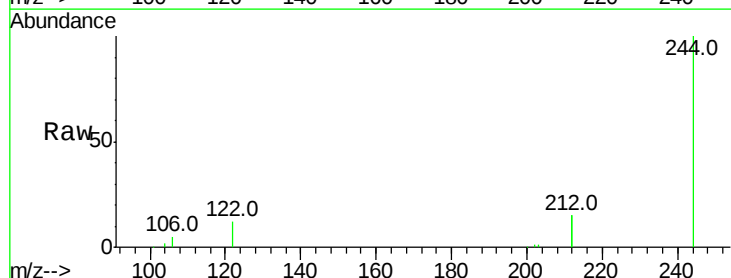
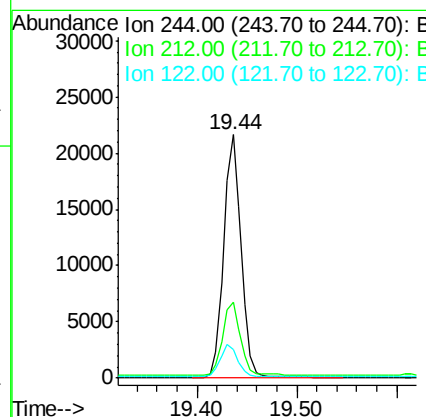
Manual Integrations
APPROVED

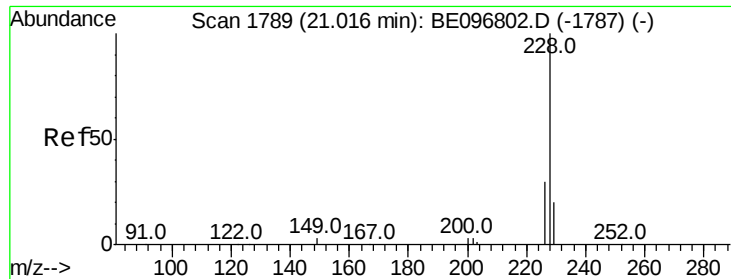
Sohil
6/19/2018 5:57:34 PM



#29
Terphenyl-d14
Concen: 0.468 ng
RT: 19.44 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE096823.D
Acq: 19 Jun 2018 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	25782		
212	30.9		25.4	38.0
122	11.7		8.1	12.1





#31

Chrysene

Concen: 0.025 ng/mL

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Instrument :

BNA_E

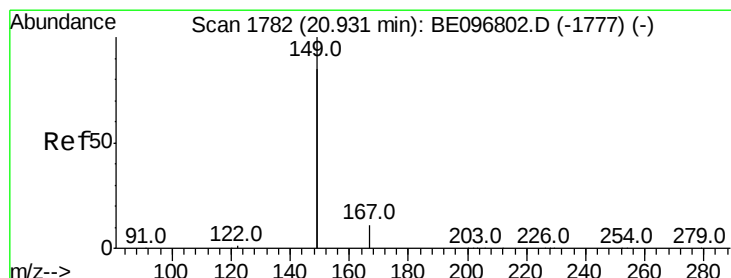
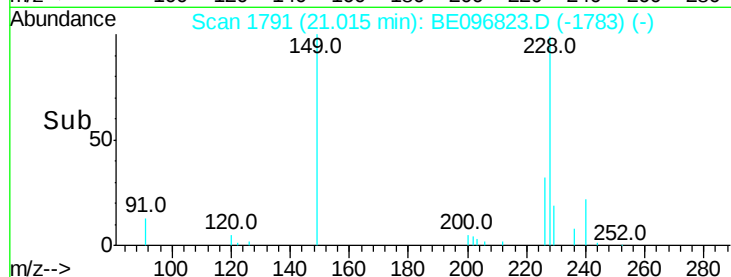
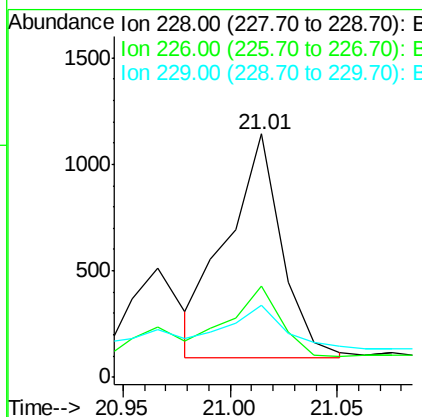
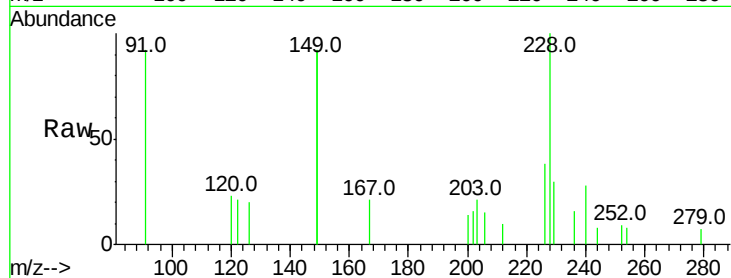
ClientSampleId :

C-MW-06-061218

Tot Ion:	228	Resp:	1848
Ion Ratio	Lower	Upper	
228	100		
226	37.7	24.0	36.0#
229	29.7	16.0	24.0#

Manual Integrations
APPROVED

Sohil
6/19/2018 5:57:34 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.573 ng

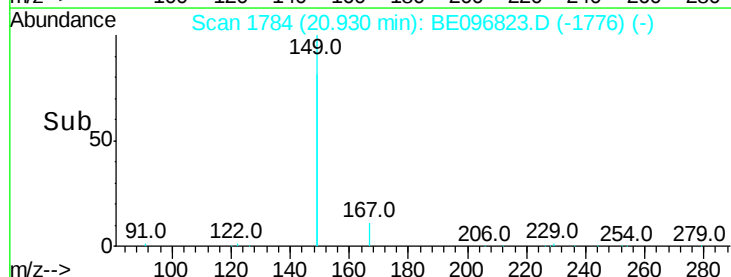
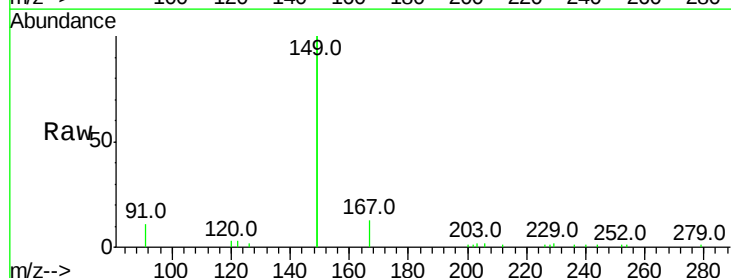
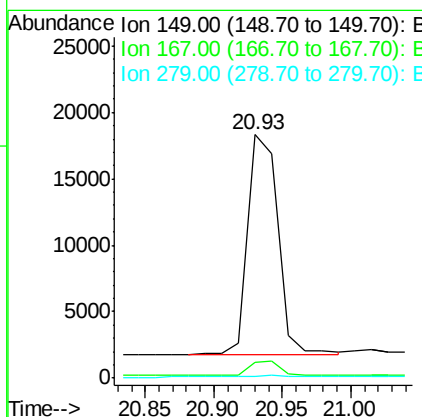
RT: 20.93 min Scan# 1784

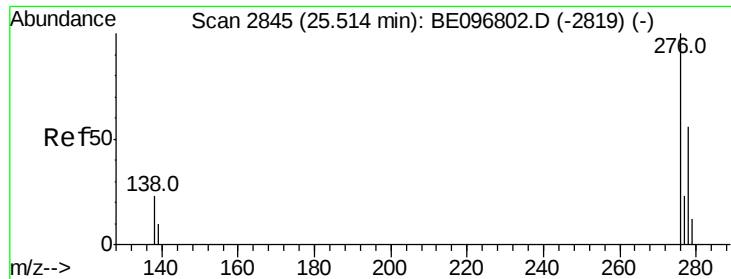
Delta R.T. -0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Tgt Ion:	149	Resp:	25405
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.4	8.0
279	0.8	0.7	1.1





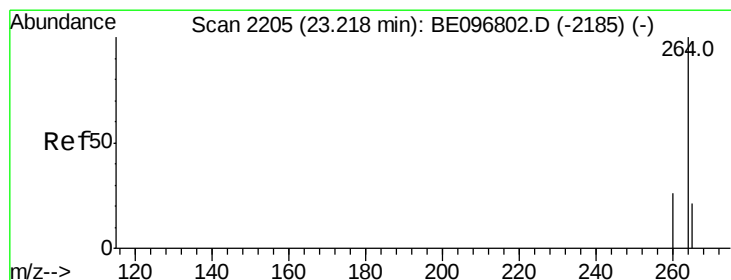
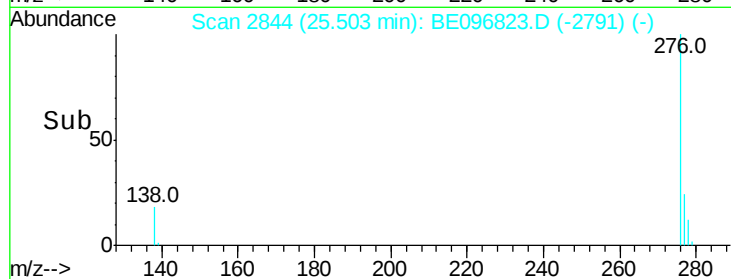
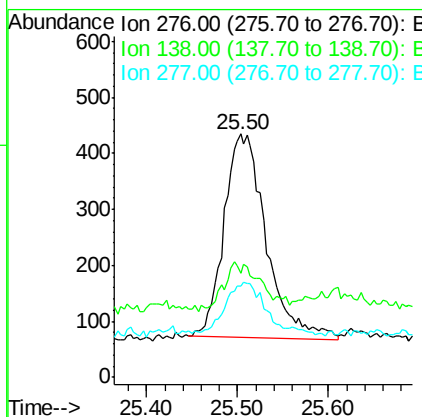
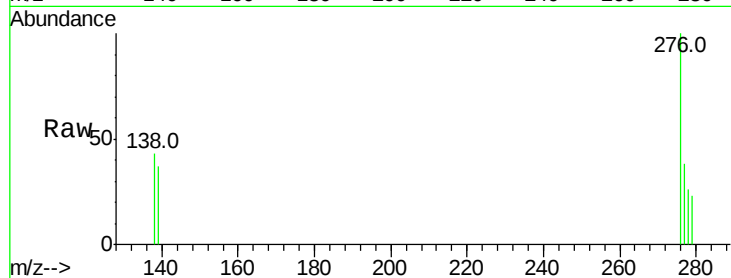
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.021 ng
 RT: 25.50 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BE096823.D
 Acq: 19 Jun 2018 00:10

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-061218

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.9	22.5	33.7#
277	21.4	19.9	29.9

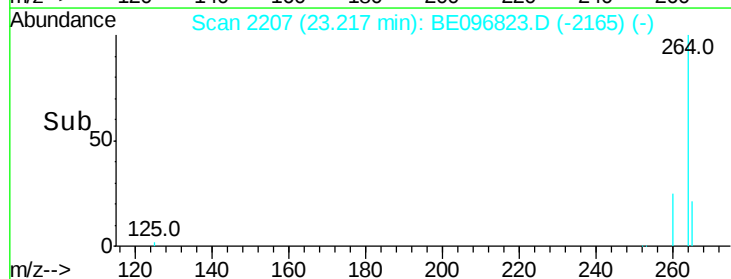
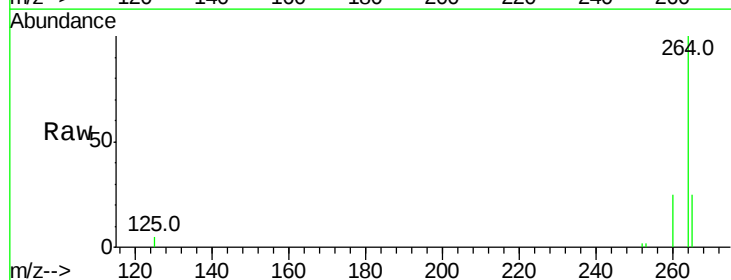
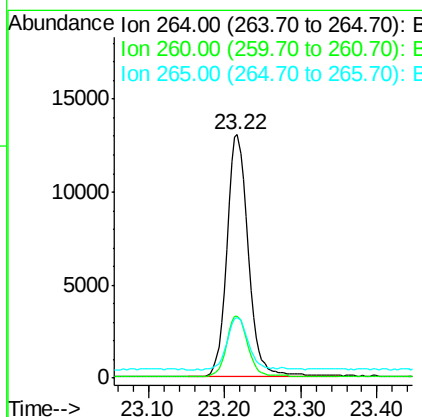
Manual Integrations
 APPROVED

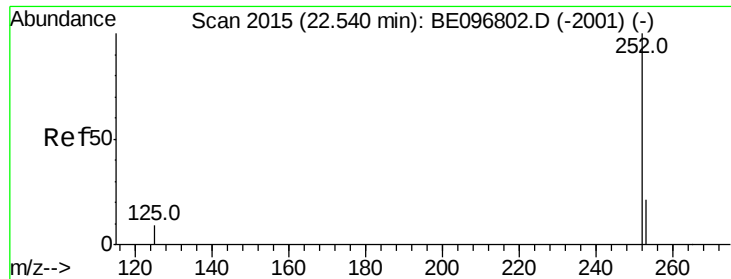
Sohil
 6/19/2018 5:57:34 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE096823.D
 Acq: 19 Jun 2018 00:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	24.8	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.036 ng m

RT: 22.54 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Instrument :

BNA_E

ClientSampleId :

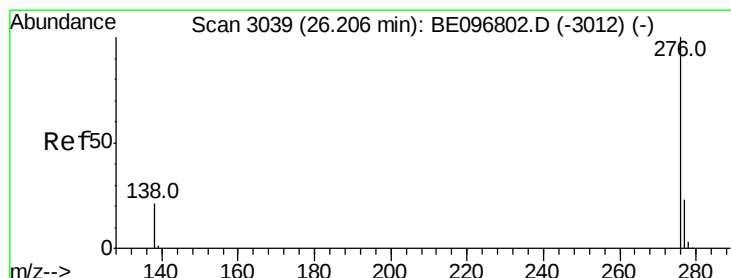
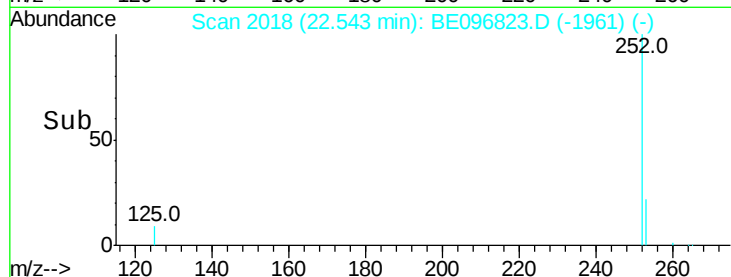
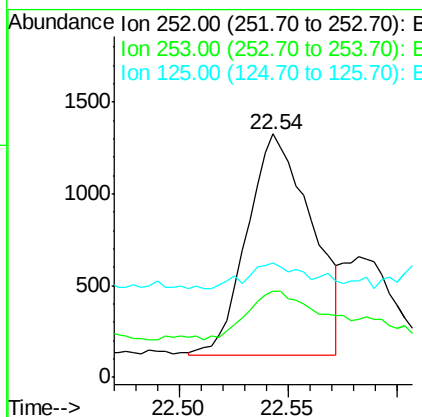
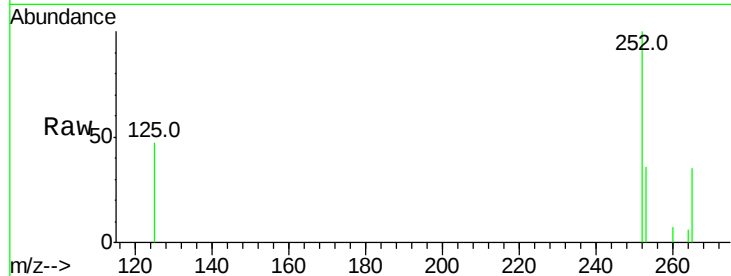
C-MW-06-061218

Tot Ion:	252	Resp:	2499
Ion Ratio	Lower	Upper	
252	100		
253	35.6	20.0	30.0#
125	47.0	16.0	24.0#

Manual Integrations
APPROVED

Sohil

6/19/2018 5:57:34 PM



#39

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BE096823.D

Acq: 19 Jun 2018 00:10

Tgt Ion:	276	Resp:	1325
Ion Ratio	Lower	Upper	
276	100		
277	32.2	16.0	24.0#
138	40.9	20.0	30.0#

