

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096161.D
 Acq On : 25 Apr 2018 23:06
 Operator : SJ/JU
 Sample : J2355-02DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y16DL

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:08 PM

Quant Time: Apr 26 15:05:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	830	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3309	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2080	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5667	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7396	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5920	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	134m	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	469	0.02	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.67	152	1213	0.113	ng/ul	94
9) Fluorene	15.98	166	395	0.039	ng/ul#	92
12) Phenanthrene	17.70	178	8667	0.519	ng/ul#	88
13) Anthracene	17.79	178	1331	0.080	ng/ul#	93
15) Fluoranthene	19.67	202	19794	0.776	ng/ul	85
17) Pyrene	20.02	202	11342	0.764	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	8711	0.389	ng/ul#	85
19) Chrysene	21.79	228	10275	0.499	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	10612m	0.473	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	4187m	0.195	ng/ul	
23) Benzo(a)pyrene	24.23	252	8153	0.419	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.13	276	5200	0.198	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.13	278	1416	0.064	ng/ul#	81
26) Benzo(g,h,i)perylene	27.99	276	4115	0.180	ng/ul	95

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

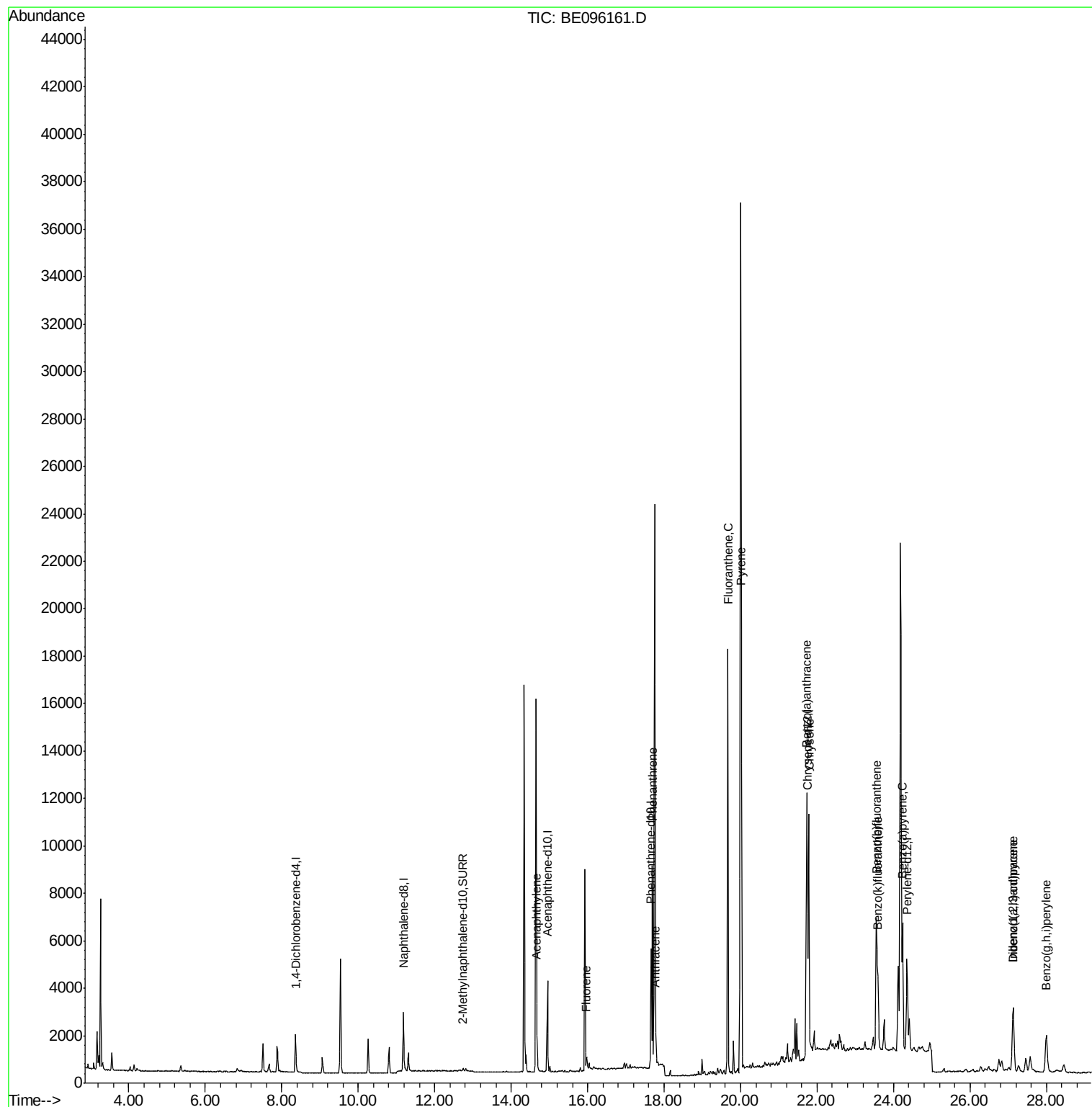
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
Data File : BE096161.D
Acq On : 25 Apr 2018 23:06
Operator : SJ/JU
Sample : J2355-02DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

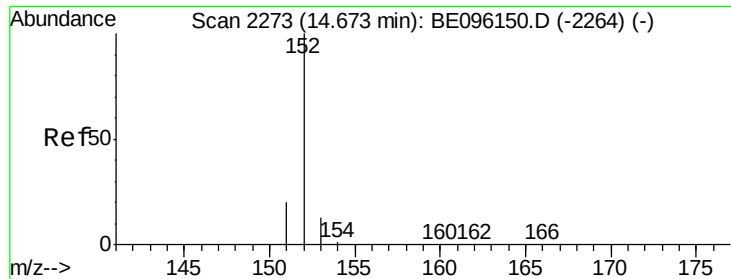
Instrument :
BNA_E
ClientSampleId :
A3Y16DL

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:08 PM

Quant Time: Apr 26 15:05:50 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

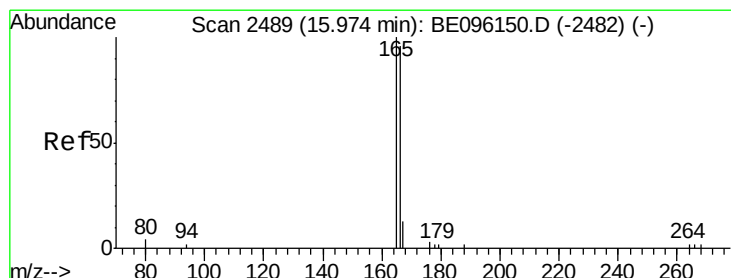
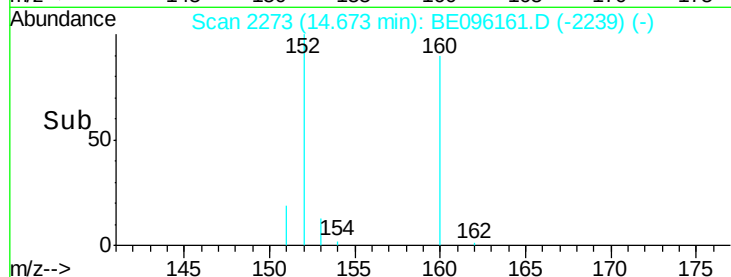
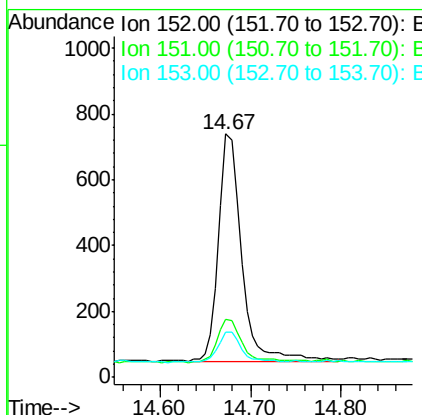
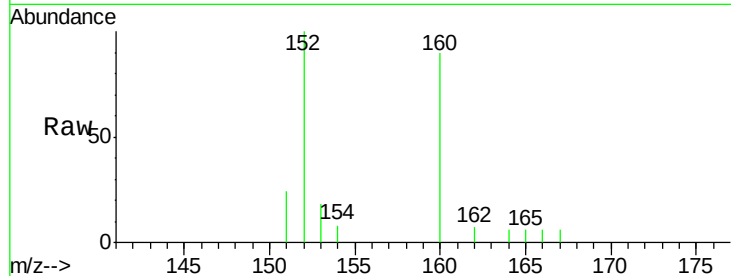
ClientSampled :

A3Y16DL

Tgt Ion:	152	Resp:	1213
Ion Ratio	Lower	Upper	
152	100		
151	24.0	17.1	25.7
153	18.4	12.8	19.2

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:08 PM



#9

Fluorene

Concen: 0.039 ng/ul

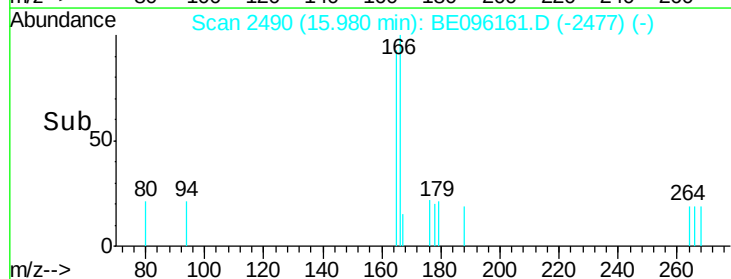
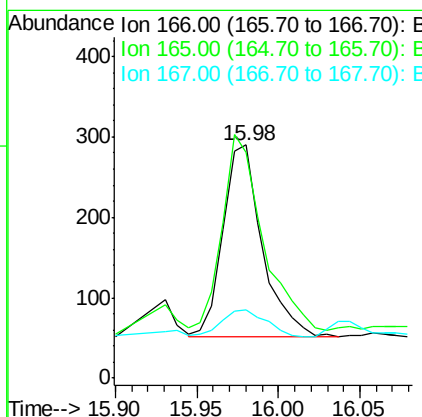
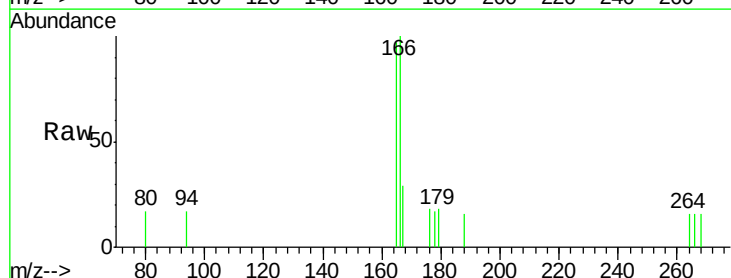
RT: 15.98 min Scan# 2490

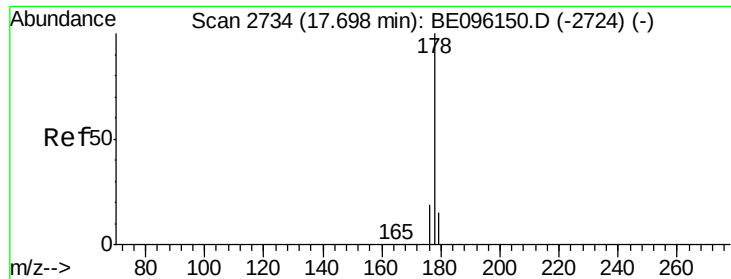
Delta R.T. 0.01 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Tgt Ion:	166	Resp:	395
Ion Ratio	Lower	Upper	
166	100		
165	96.6	73.4	110.2
167	29.3	14.6	22.0#





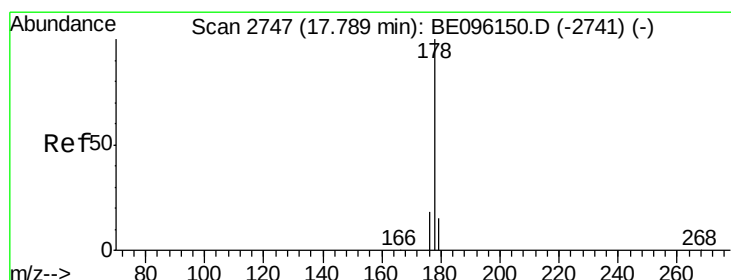
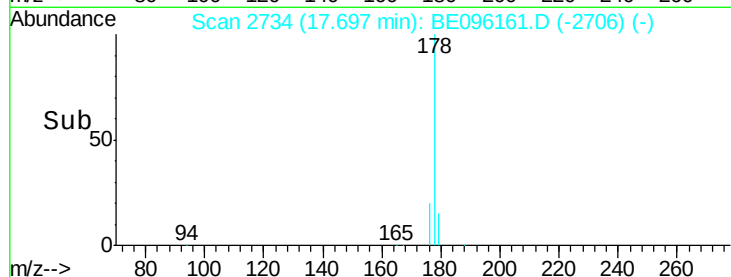
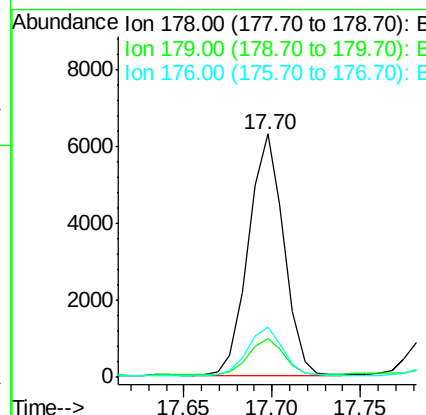
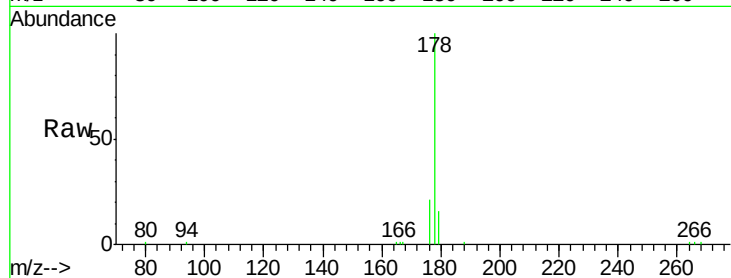
#12
Phenanthrene
Concen: 0.519 ng/ul
RT: 17.70 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Instrument :
BNA_E
ClientSampleId :
A3Y16DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	20.7	13.6	20.4#

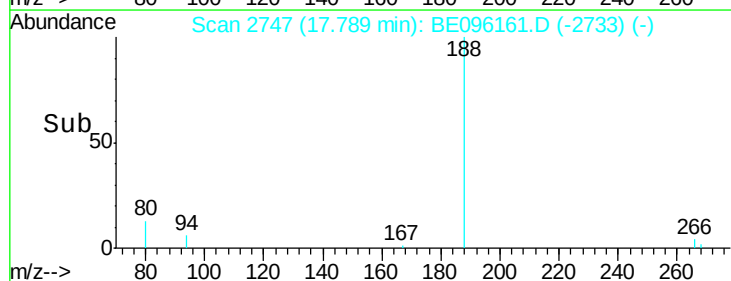
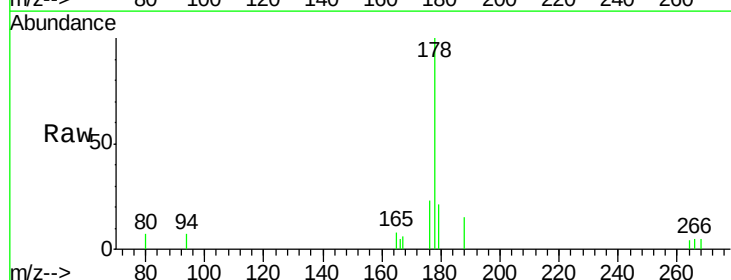
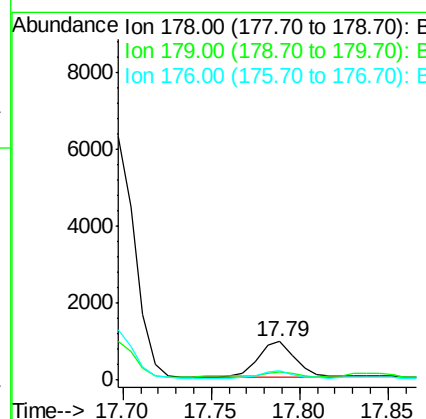
Manual Integrations
APPROVED

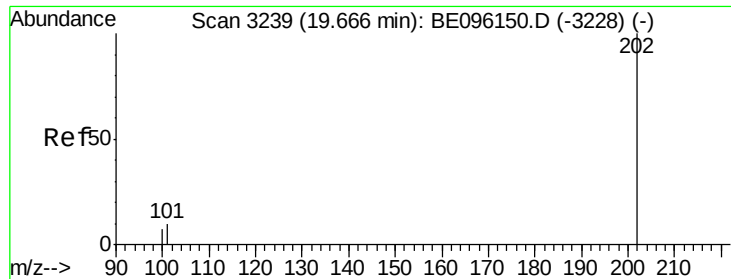
Sohil
4/26/2018 6:20:08 PM



#13
Anthracene
Concen: 0.080 ng/ul
RT: 17.79 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.7	18.1	27.1
176	23.4	14.7	22.1#





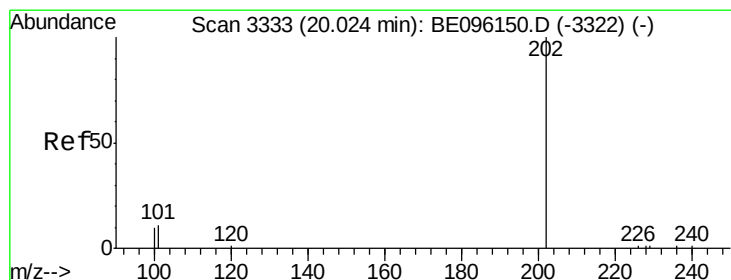
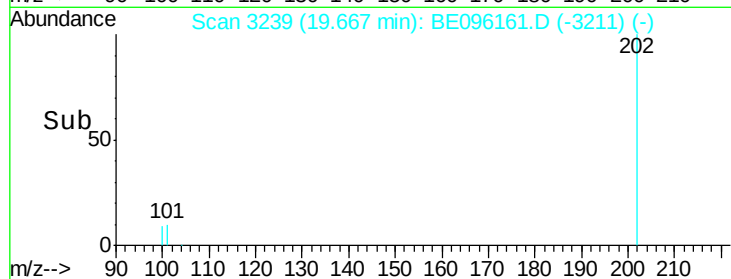
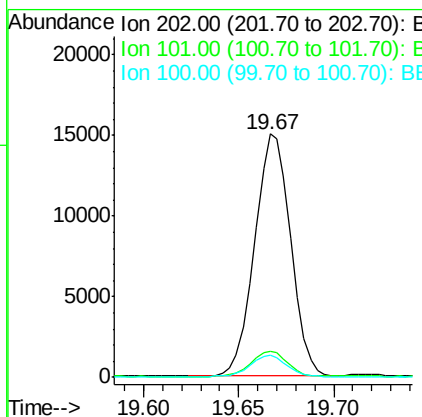
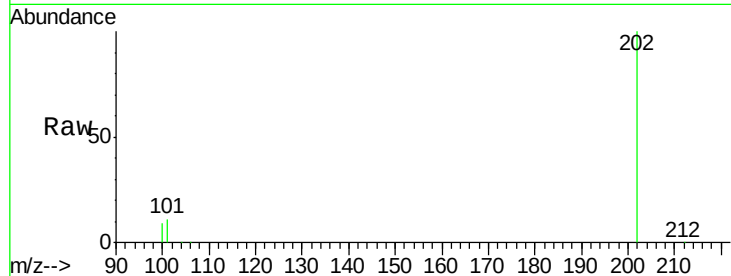
#15
Fluoranthene
Concen: 0.776 ng/ul
RT: 19.67 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Instrument :
BNA_E
ClientSampleId :
A3Y16DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	19794		
101	10.8	0.0	30.3	
100	9.1	0.0	39.5	

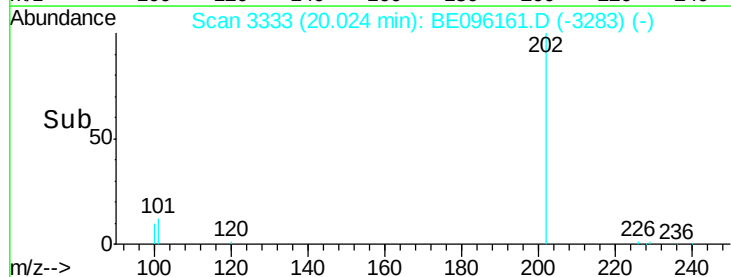
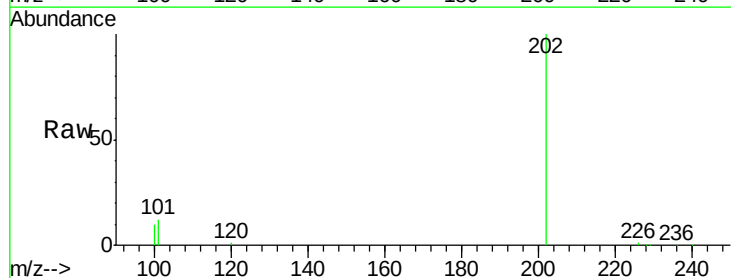
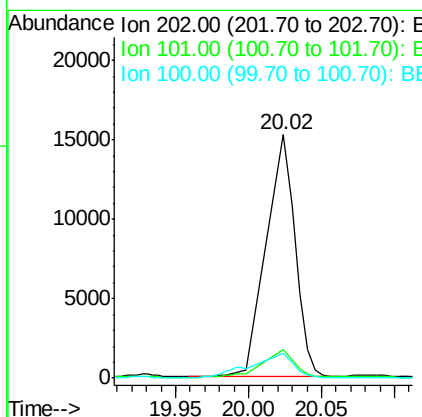
Manual Integrations
APPROVED

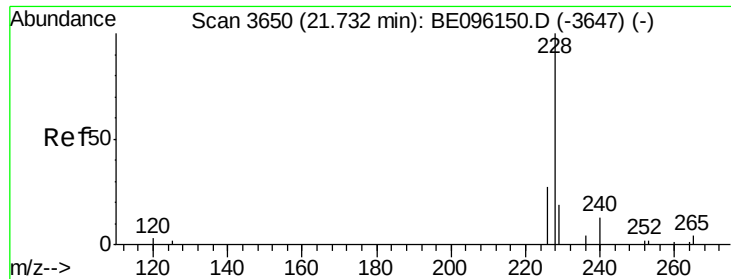
Sohil
4/26/2018 6:20:08 PM



#17
Pyrene
Concen: 0.764 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11342		
101	11.8	18.2	27.4#	
100	10.2	15.6	23.4#	





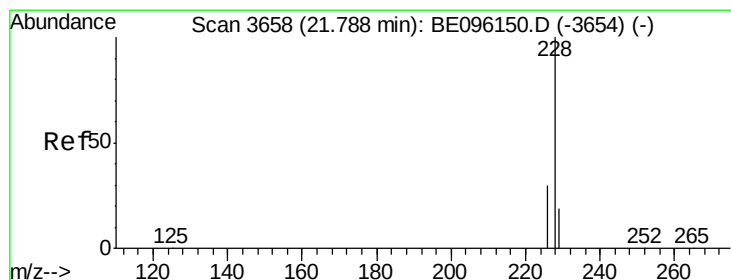
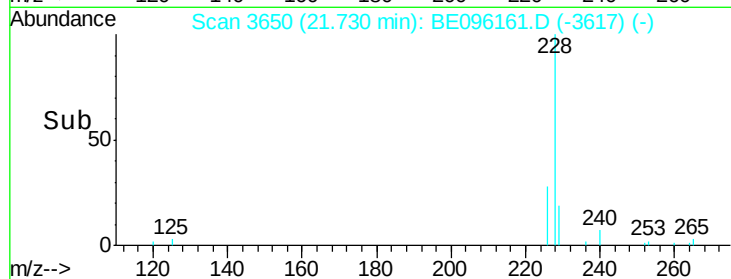
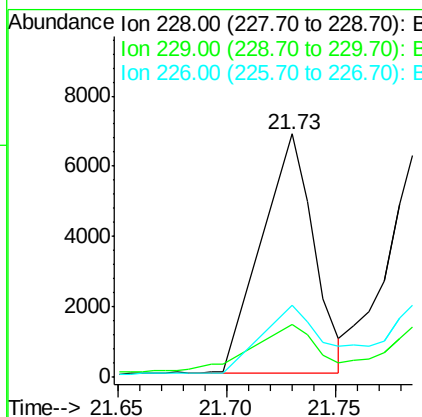
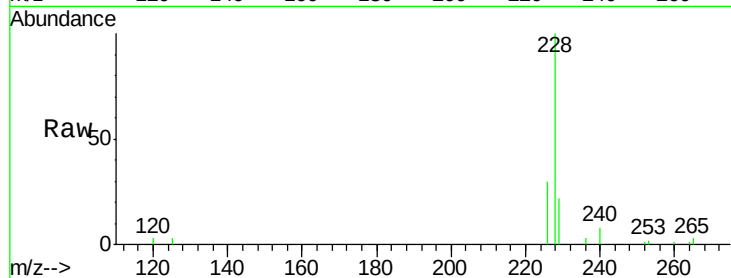
#18
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Instrument :
BNA_E
ClientSampleId :
A3Y16DL

Tgt Ion:228 Resp: 8711
Ion Ratio Lower Upper
228 100
229 21.9 22.8 34.2#
226 29.6 17.0 25.6#

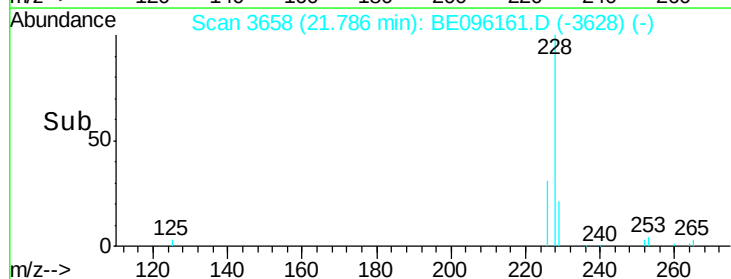
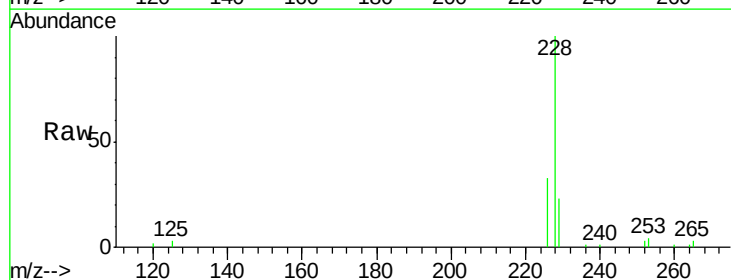
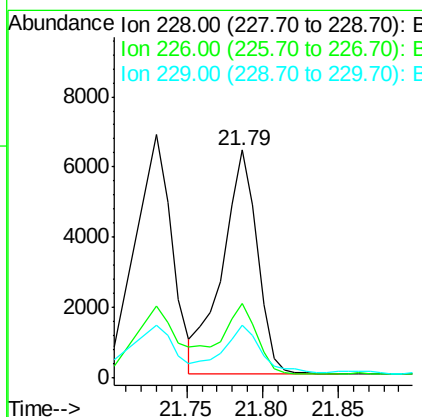
Manual Integrations
APPROVED

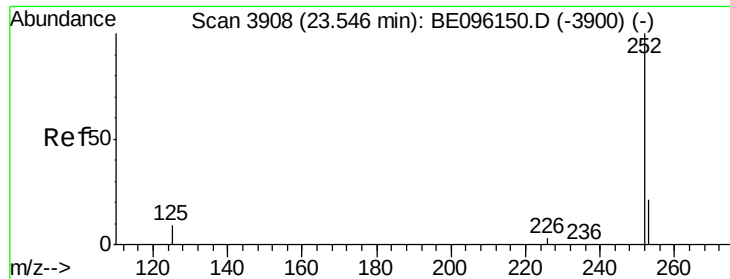
Sohil
4/26/2018 6:20:08 PM



#19
Chrysene
Concen: 0.499 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Tgt Ion:228 Resp: 10275
Ion Ratio Lower Upper
228 100
226 32.5 23.4 35.0
229 23.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.473 ng/ul m

RT: 23.55 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

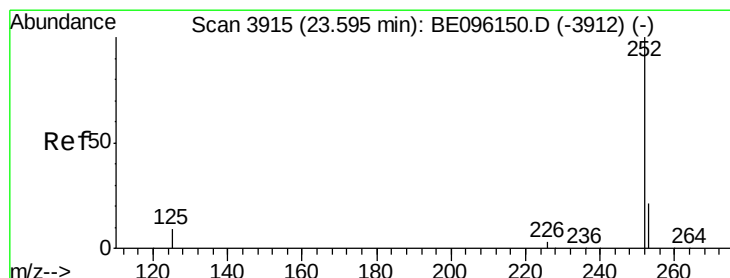
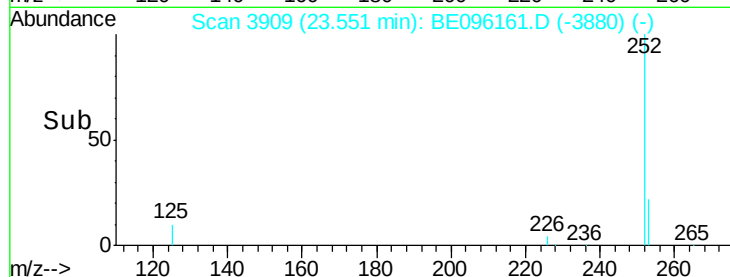
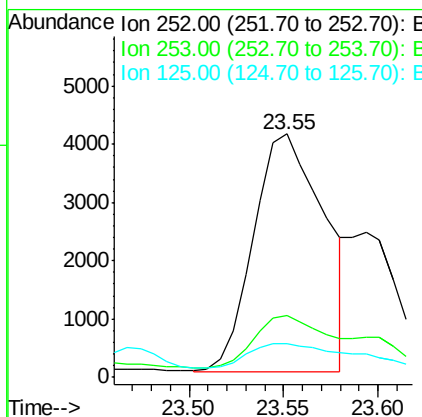
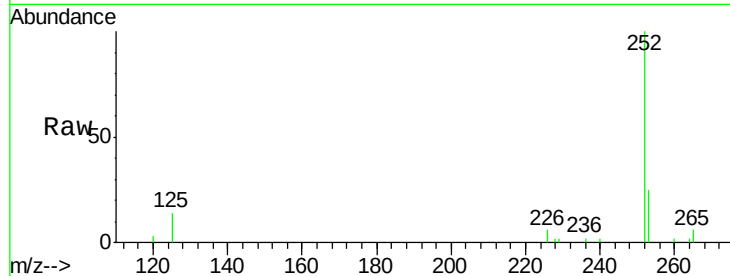
ClientSampleId :

A3Y16DL

Tgt Ion:	252	Resp:	10612
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	64.2
125	13.7	0.0	35.0

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:08 PM



#22

Benzo(k)fluoranthene

Concen: 0.195 ng/ul m

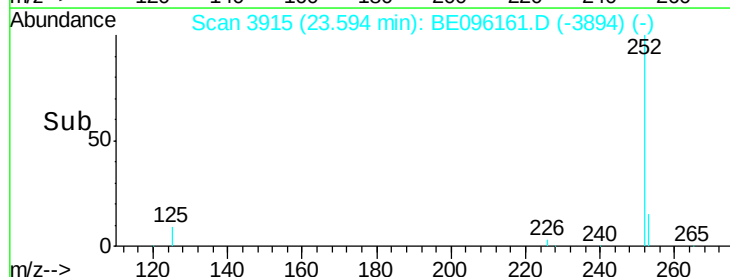
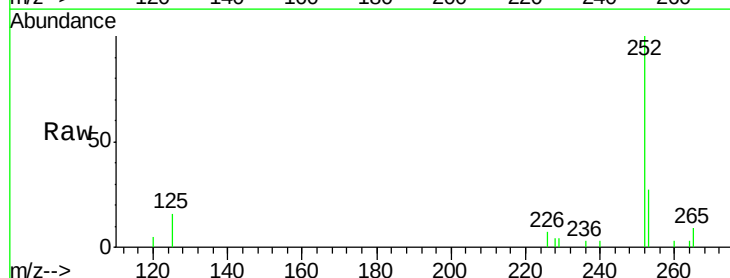
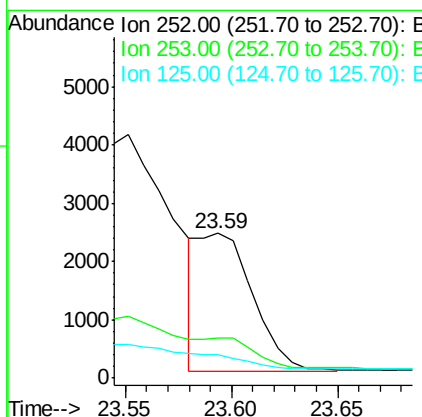
RT: 23.59 min Scan# 3915

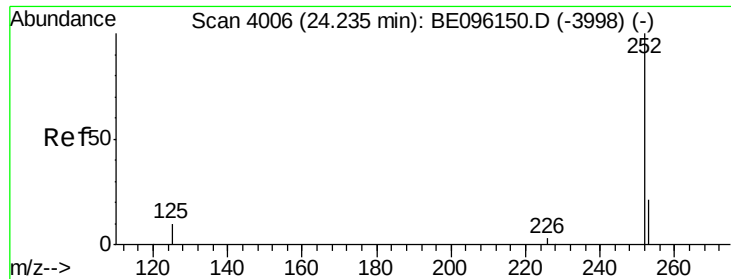
Delta R.T. -0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Tgt Ion:	252	Resp:	4187
Ion Ratio	Lower	Upper	
252	100		
253	27.4	24.5	36.7
125	16.2	13.7	20.5





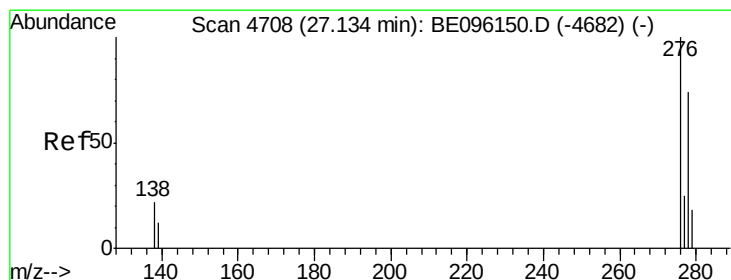
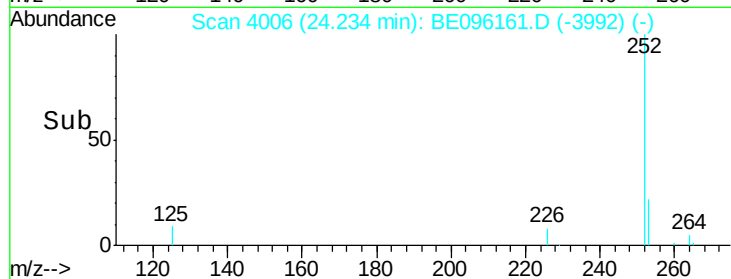
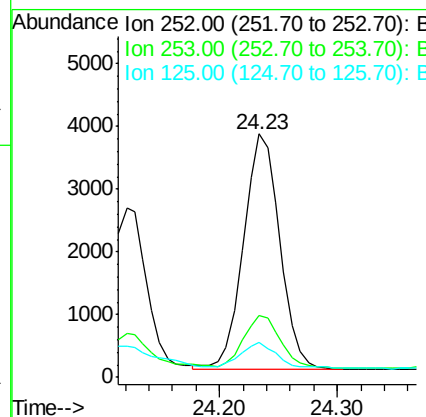
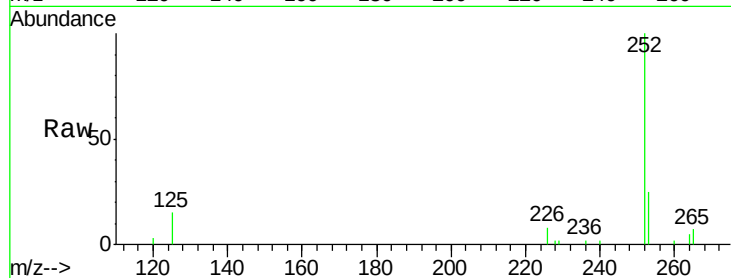
#23
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. -0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Instrument :
BNA_E
ClientSampled :
A3Y16DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	28.5	42.7#
125	14.5	18.1	27.1#

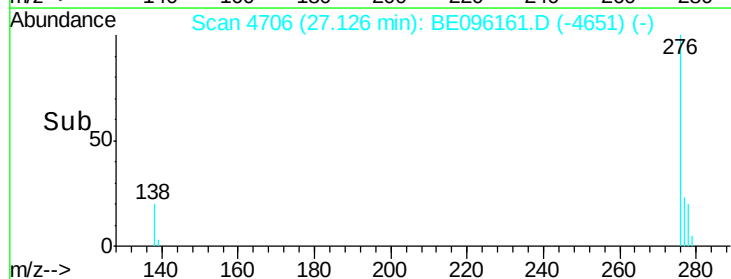
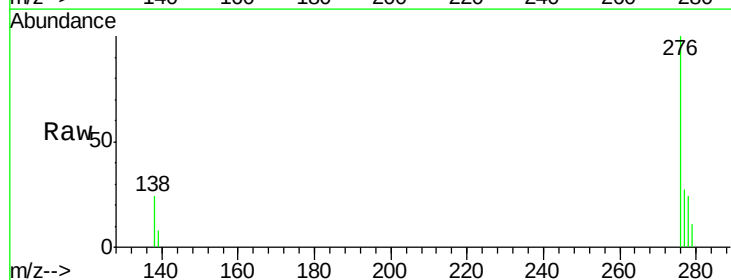
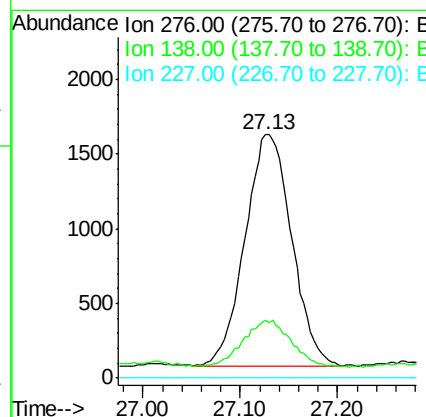
Manual Integrations
APPROVED

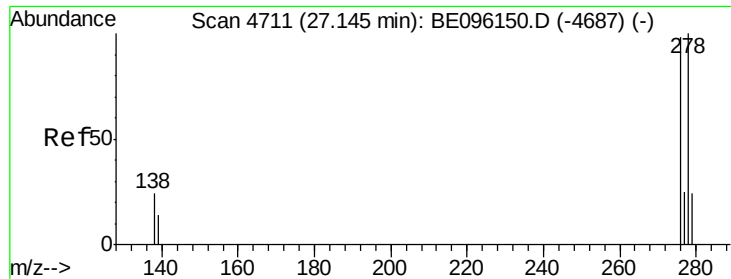
Sohil
4/26/2018 6:20:08 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 27.13 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#





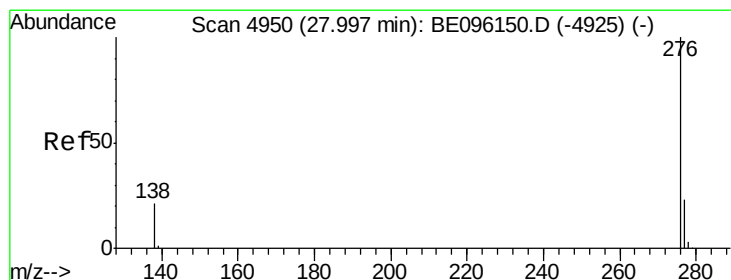
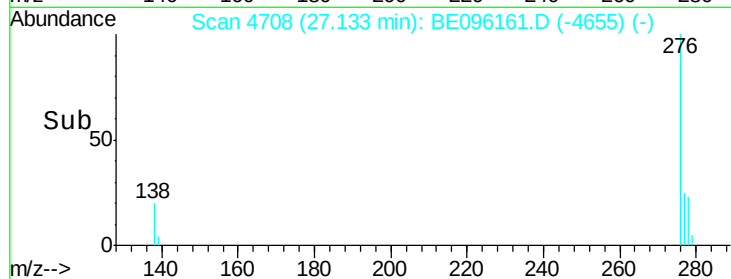
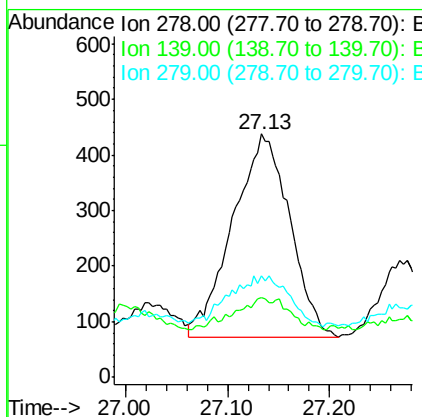
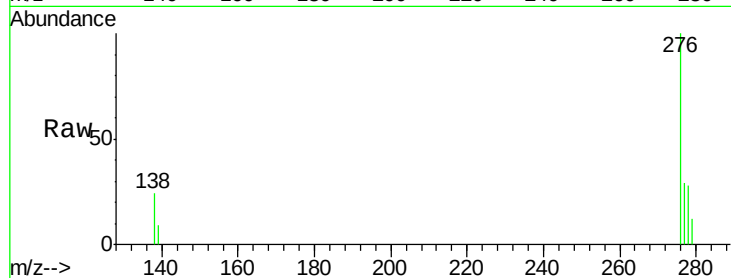
#25
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 27.13 min Scan# 4708
Delta R.T. -0.01 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Instrument :
BNA_E
ClientSampled :
A3Y16DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.6	17.4	26.0#
279	41.8	25.9	38.9#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:08 PM



#26
Benzo(g,h,i)perylene
Concen: 0.180 ng/ul
RT: 27.99 min Scan# 4948
Delta R.T. -0.00 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.8
277	29.1	20.5	30.7

