

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096109.D
 Acq On : 24 Apr 2018 5:36
 Operator : SJ/JU
 Sample : J2434-18DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD3DL

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:30 PM

Quant Time: Apr 24 17:12:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2147	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6170	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3411	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7476	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8882	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7511	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	183	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	496	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.70	152	374	0.021	ng/ul#	71
8) Acenaphthene	15.03	153	306	0.024	ng/ul#	91
12) Phenanthrene	17.72	178	4373	0.198	ng/ul#	89
13) Anthracene	17.80	178	645	0.029	ng/ul#	85
15) Fluoranthene	19.69	202	24279	0.810	ng/ul	83
17) Pyrene	20.04	202	28125	0.932	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	23652	0.659	ng/ul#	86
19) Chrysene	21.81	228	23810	0.922	ng/ul	98
21) Benzo(b)fluoranthene	23.57	252	43931m	1.808	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	14430m	0.596	ng/ul	
23) Benzo(a)pyrene	24.26	252	31831	1.357	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.18	276	23254	0.892	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	5791	0.276	ng/ul	98
26) Benzo(g,h,i)perylene	28.05	276	24545	1.127	ng/ul#	93

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

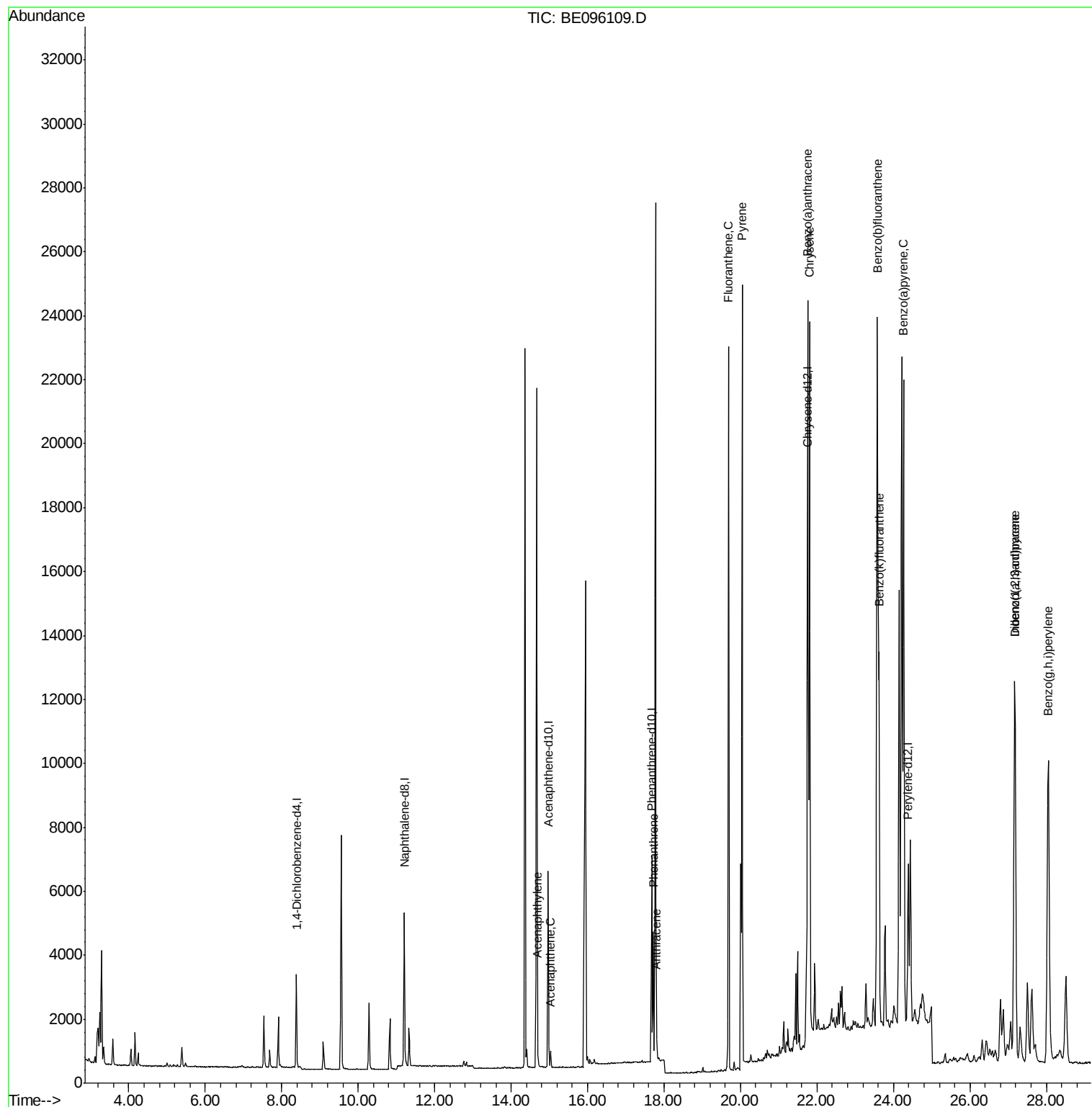
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096109.D
Acq On : 24 Apr 2018 5:36
Operator : SJ/JU
Sample : J2434-18DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

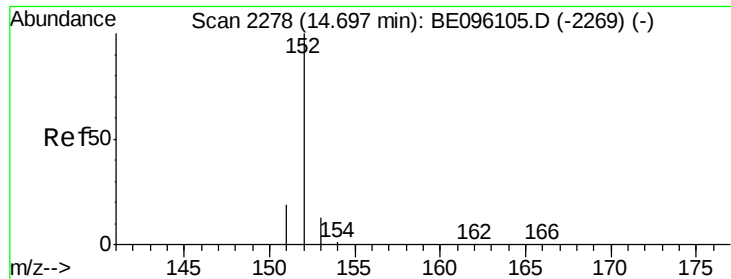
Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:30 PM

Quant Time: Apr 24 17:12:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE096109.D

Acq: 24 Apr 2018 5:36

Instrument :

BNA_E

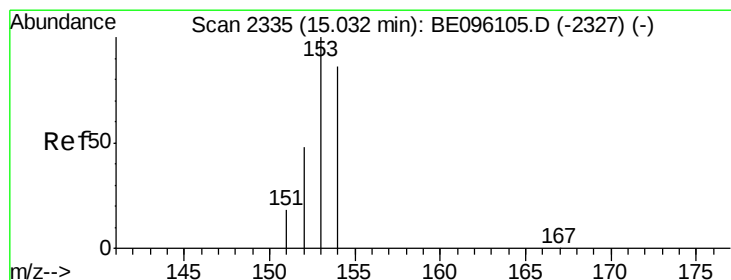
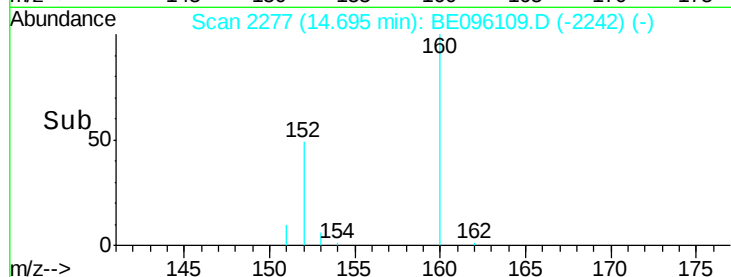
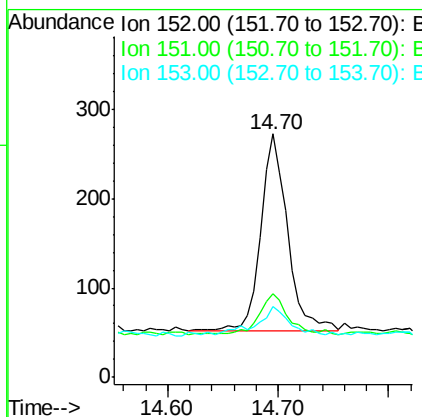
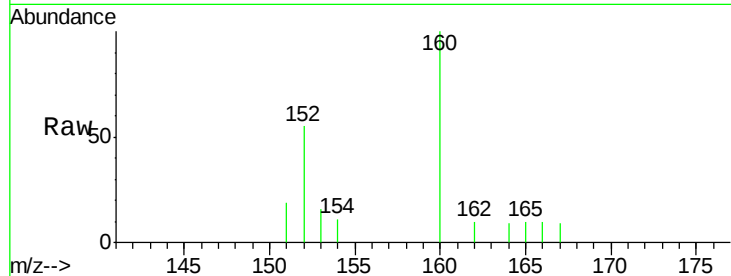
ClientSampleId :

C0AD3DL

Tot Ion:	152	Resp:	374
Ion Ratio	Lower	Upper	
152	100		
151	34.2	17.1	25.7#
153	29.0	12.8	19.2#

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:30 PM



#8

Acenaphthene

Concen: 0.024 ng/ul

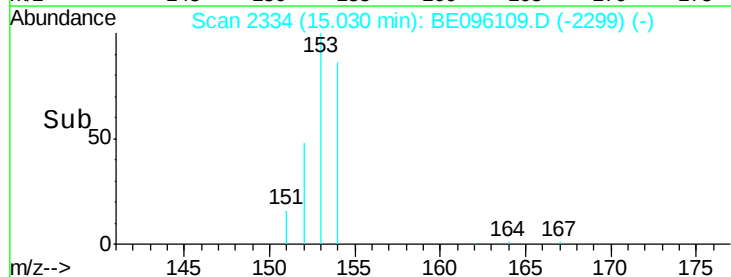
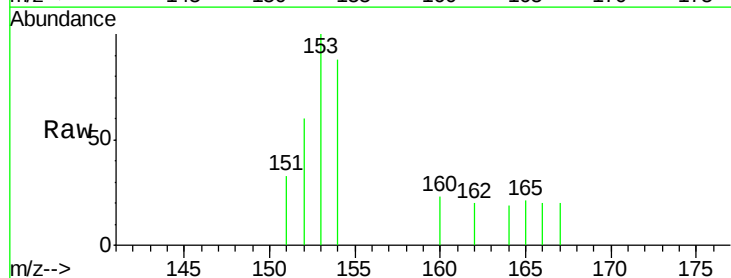
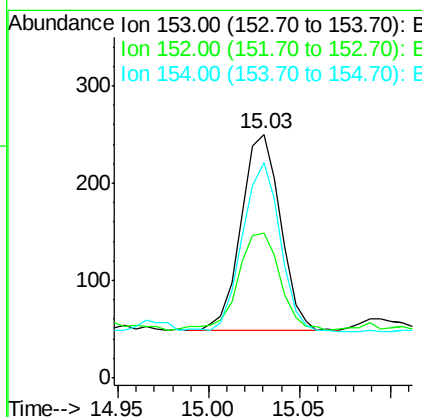
RT: 15.03 min Scan# 2334

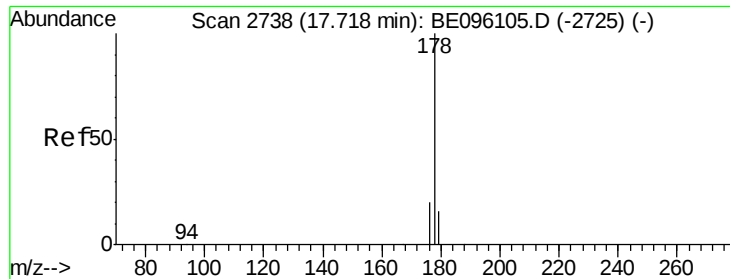
Delta R.T. 0.00 min

Lab File: BE096109.D

Acq: 24 Apr 2018 5:36

Tgt Ion:	153	Resp:	306
Ion Ratio	Lower	Upper	
153	100		
152	59.6	36.0	54.0#
154	88.4	72.0	108.0





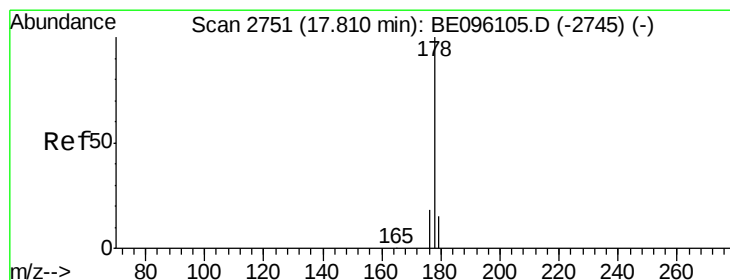
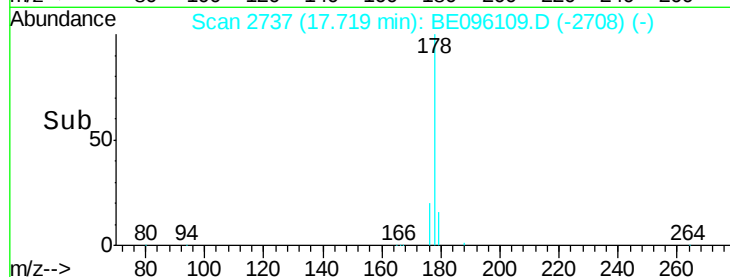
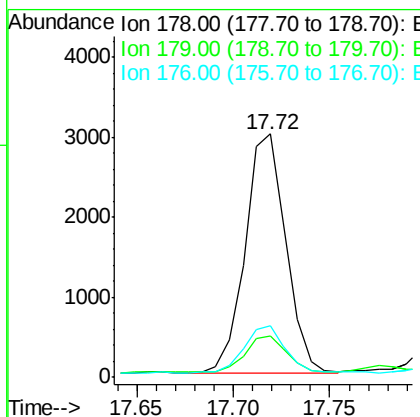
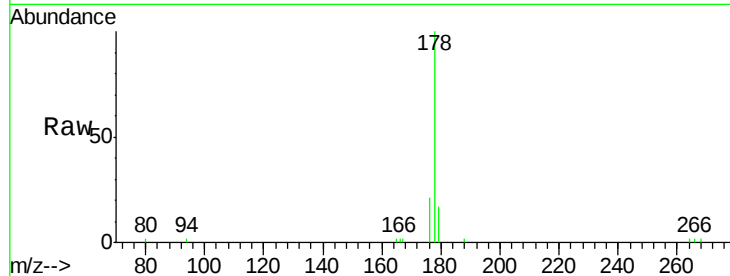
#12
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.72 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	21.2	13.6	20.4#

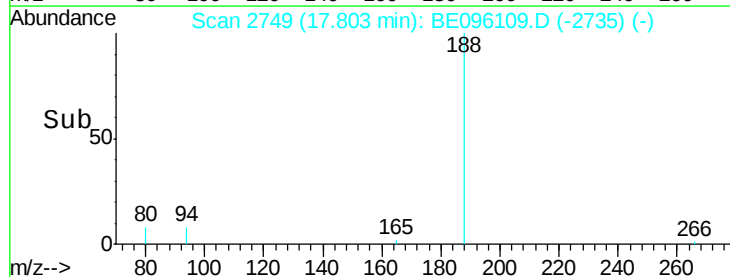
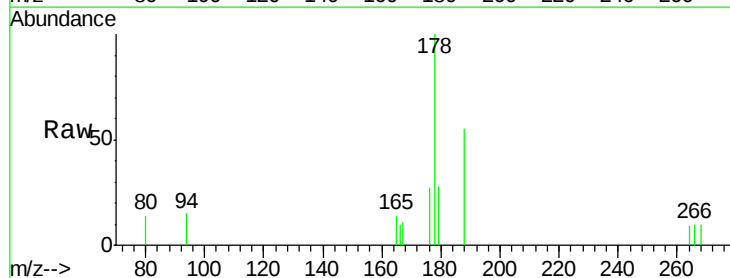
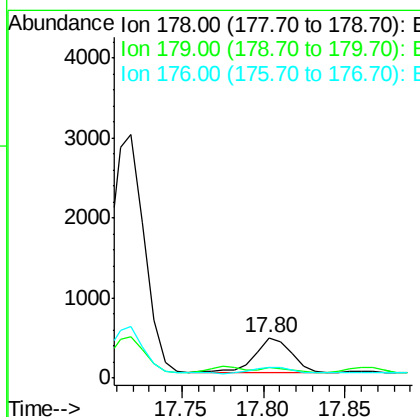
Manual Integrations
APPROVED

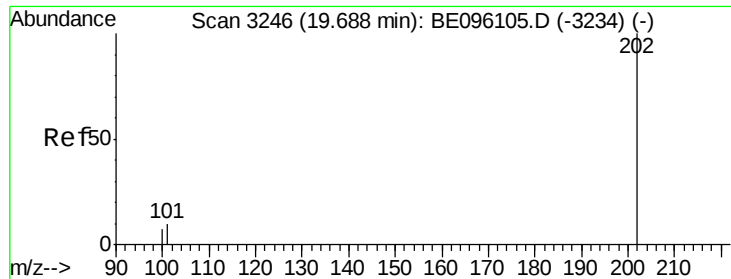
Sohil
4/24/2018 7:11:30 PM



#13
Anthracene
Concen: 0.029 ng/ul
RT: 17.80 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.8	18.1	27.1#
176	27.4	14.7	22.1#





#15

Fluoranthene

Concen: 0.810 ng/ul

RT: 19.69 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BE096109.D

Acq: 24 Apr 2018 5:36

Instrument :

BNA_E

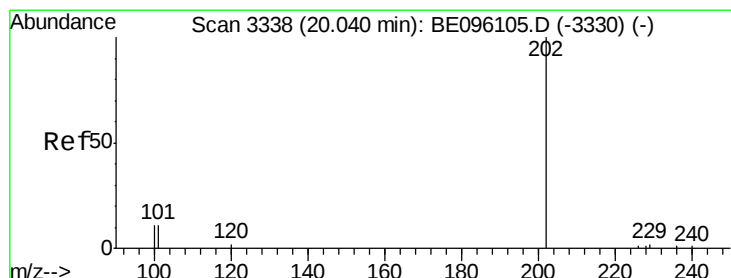
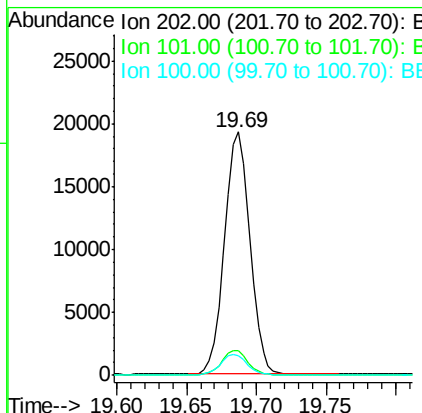
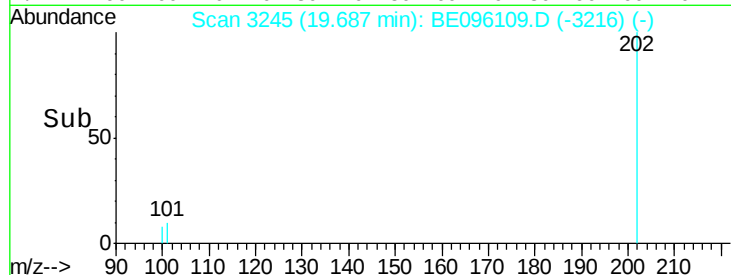
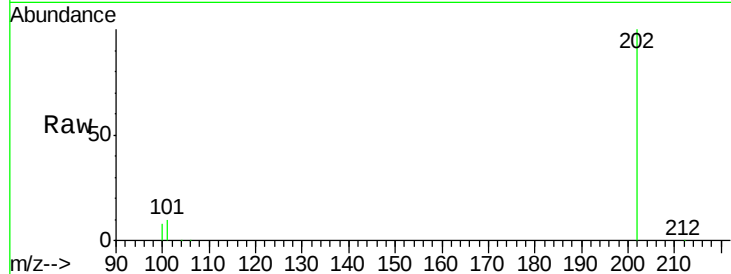
ClientSampleId :

C0AD3DL

Tot Ion:	202	Resp:	24279
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.3
100	8.0	0.0	39.5

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:30 PM



#17

Pyrene

Concen: 0.932 ng/ul

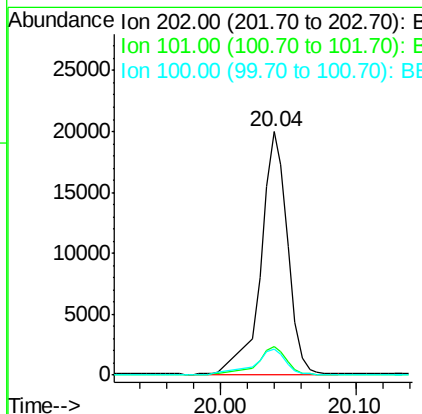
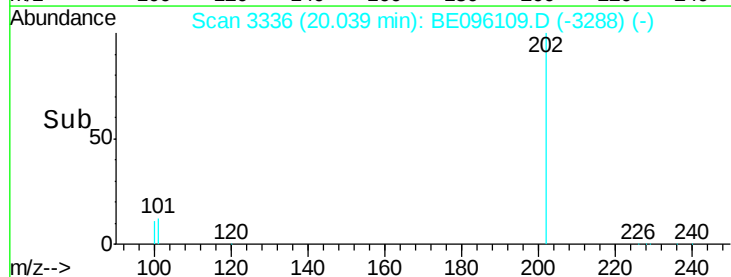
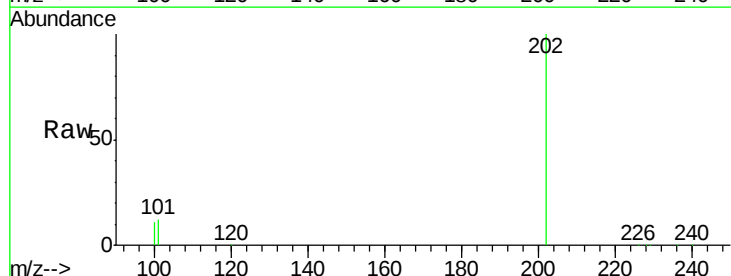
RT: 20.04 min Scan# 3336

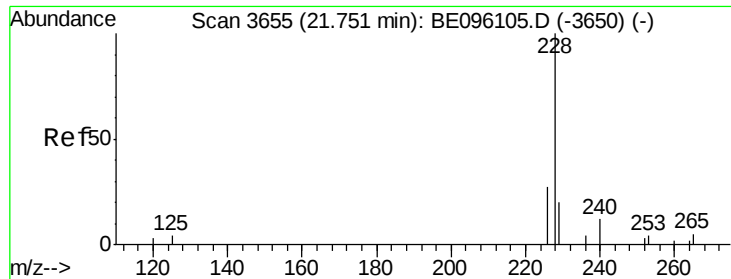
Delta R.T. -0.00 min

Lab File: BE096109.D

Acq: 24 Apr 2018 5:36

Tgt Ion:	202	Resp:	28125
Ion Ratio	Lower	Upper	
202	100		
101	11.9	18.2	27.4#
100	10.8	15.6	23.4#





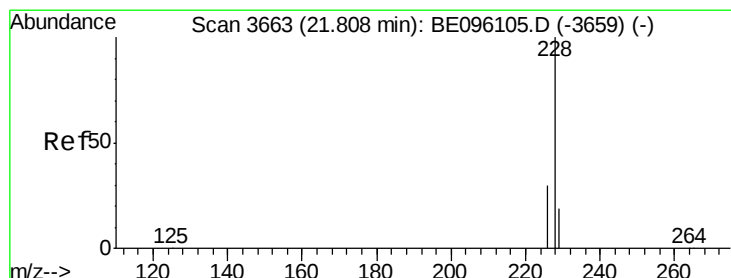
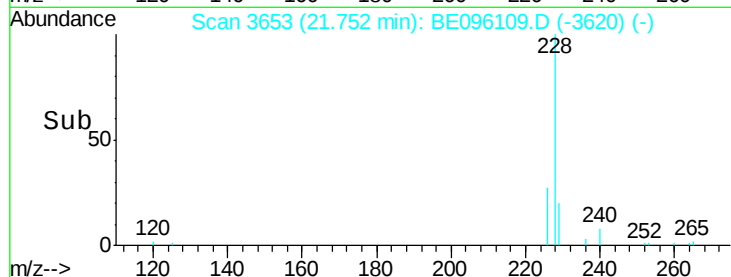
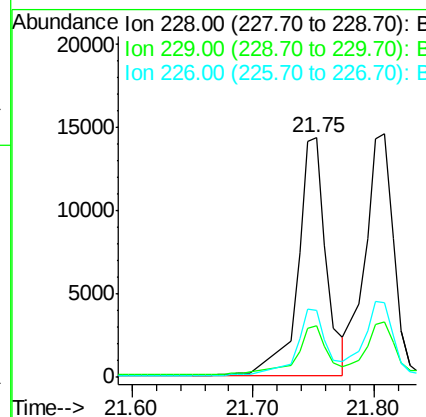
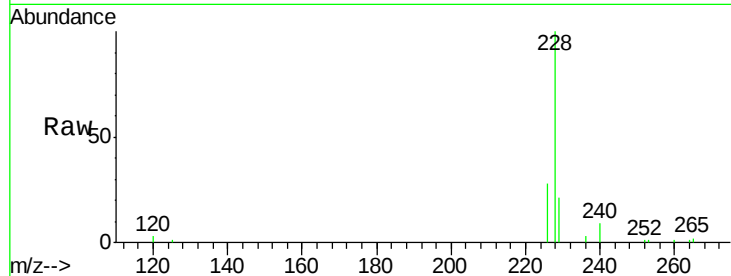
#18
Benzo(a)anthracene
Concen: 0.659 ng/ul
RT: 21.75 min Scan# 3653
Delta R.T. 0.01 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Tot Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.4	22.8	34.2#
226	27.8	17.0	25.6#

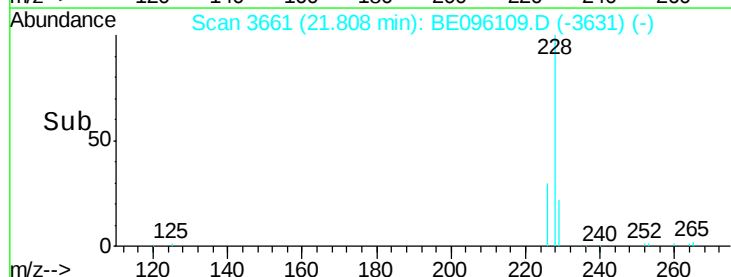
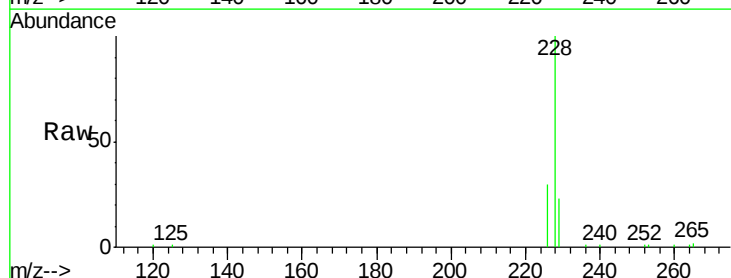
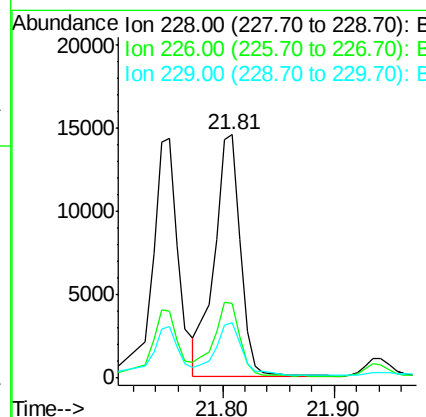
Manual Integrations
APPROVED

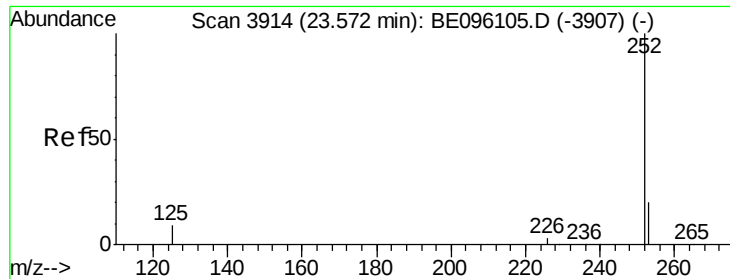
Sohil
4/24/2018 7:11:30 PM



#19
Chrysene
Concen: 0.922 ng/ul
RT: 21.81 min Scan# 3661
Delta R.T. 0.01 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	23.4	35.0
229	22.7	17.7	26.5





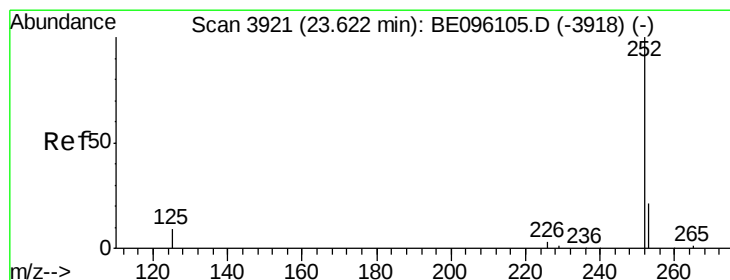
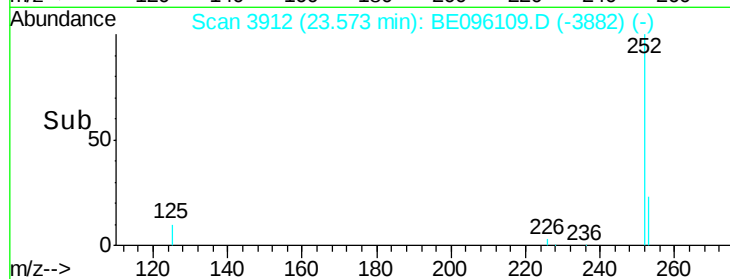
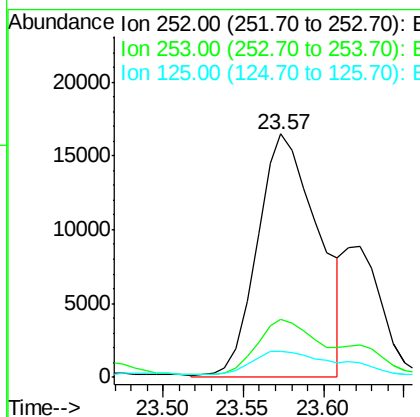
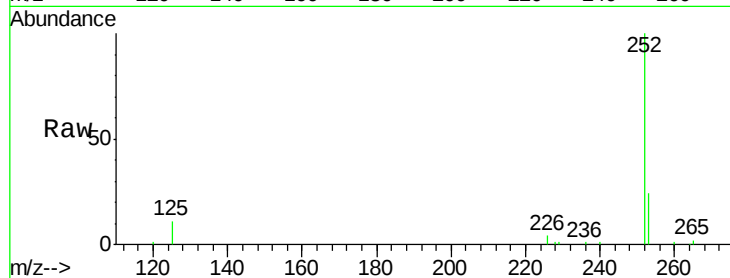
#21
Benzo(b)fluoranthene
Concen: 1.808 ng/ul m
RT: 23.57 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	43931		
253	23.7	0.0	64.2	
125	10.8	0.0	35.0	

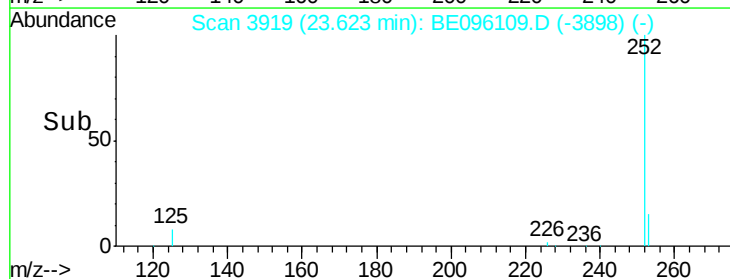
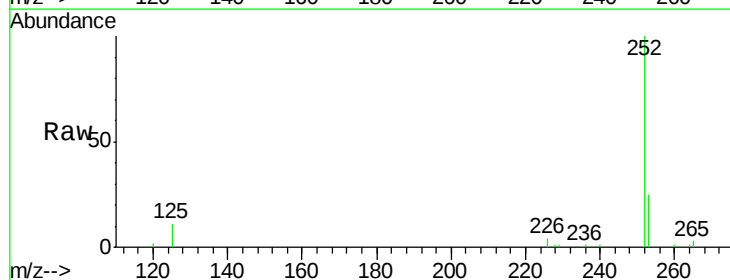
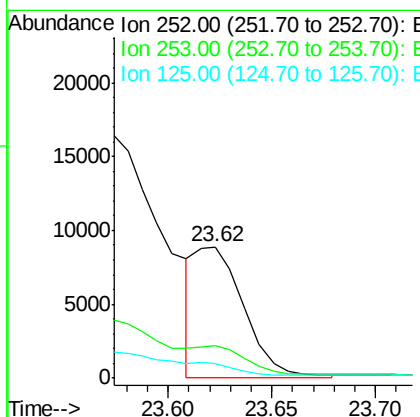
Manual Integrations
APPROVED

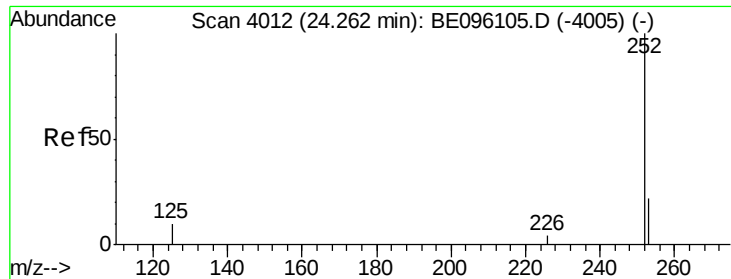
Sohil
4/24/2018 7:11:30 PM



#22
Benzo(k)fluoranthene
Concen: 0.596 ng/ul m
RT: 23.62 min Scan# 3919
Delta R.T. 0.00 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	14430		
253	24.6	24.5	36.7	
125	11.0	13.7	20.5	





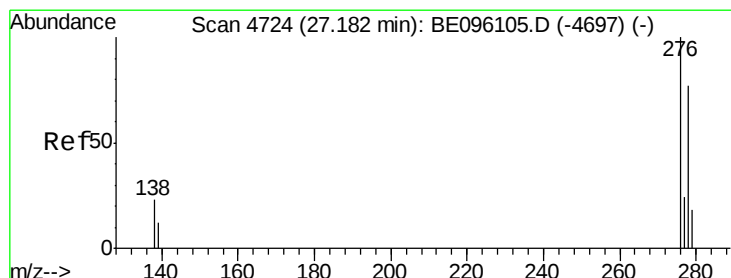
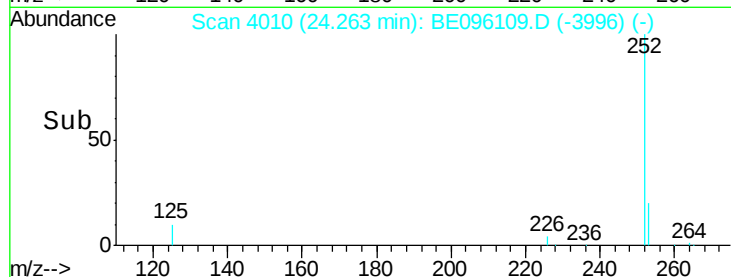
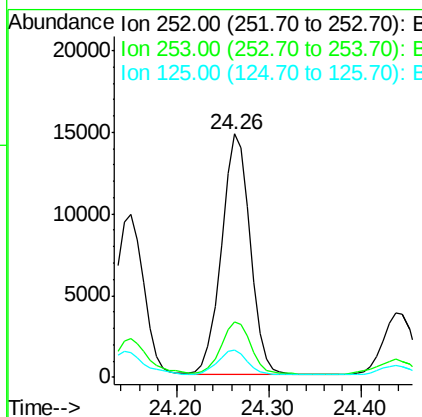
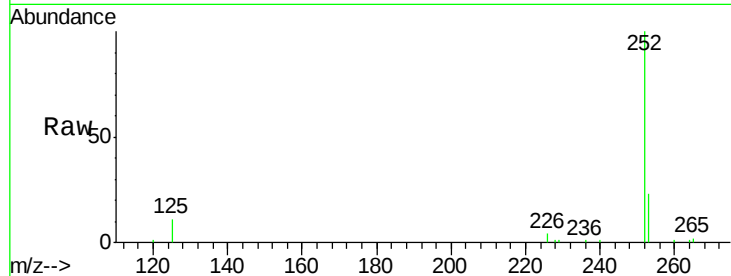
#23
Benzo(a)pyrene
Concen: 1.357 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	31831		
253	23.0		28.5	42.7#
125	11.4		18.1	27.1#

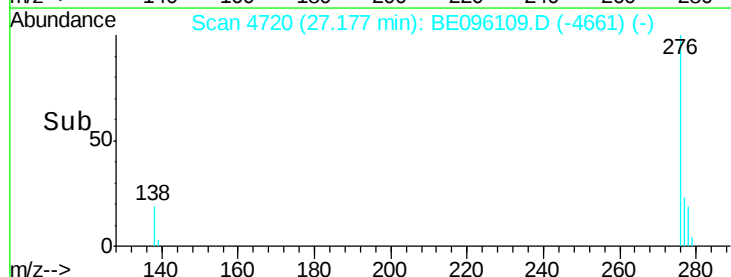
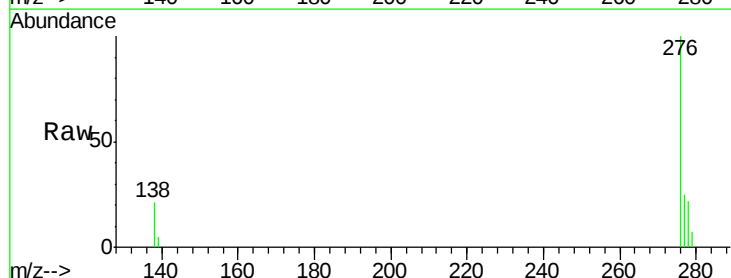
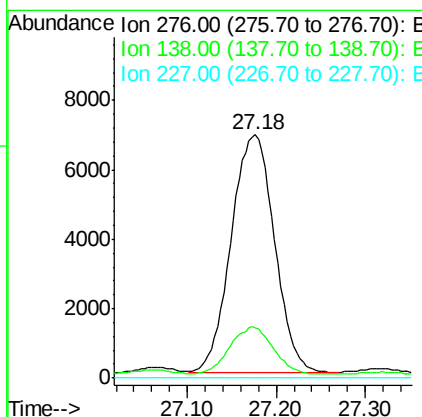
Manual Integrations
APPROVED

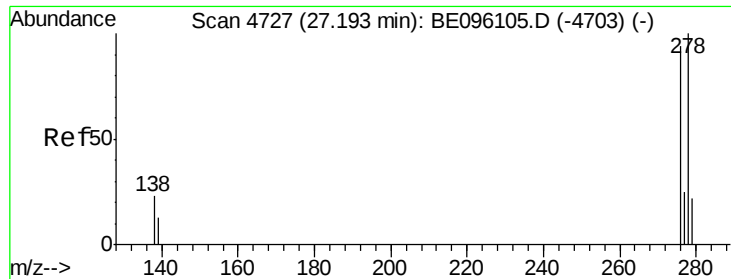
Sohil
4/24/2018 7:11:30 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.892 ng/ul
RT: 27.18 min Scan# 4720
Delta R.T. 0.01 min
Lab File: BE096109.D
Acq: 24 Apr 2018 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	23254		
138	20.0		28.0	42.0#
227	0.0		8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.276 ng/uL

RT: 27.18 min Scan# 4721

Delta R.T. -0.00 min

Lab File: BE096109.D

Acq: 24 Apr 2018 5:36

Instrument :

BNA_E

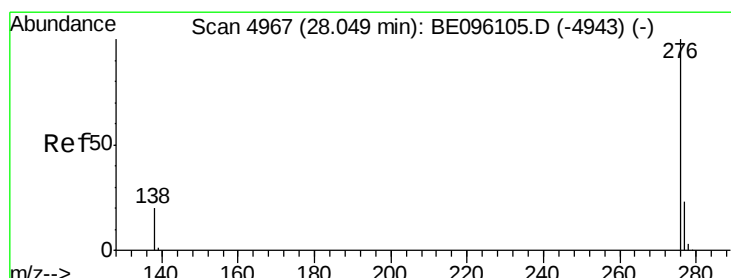
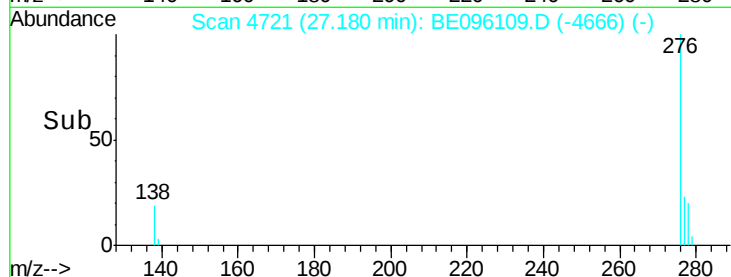
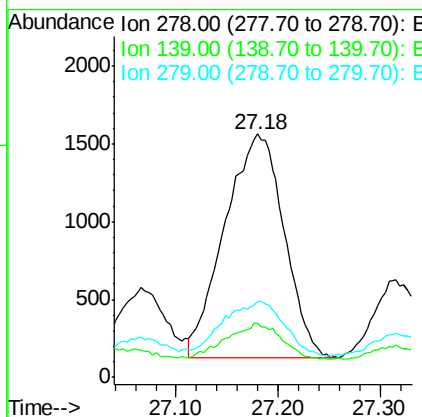
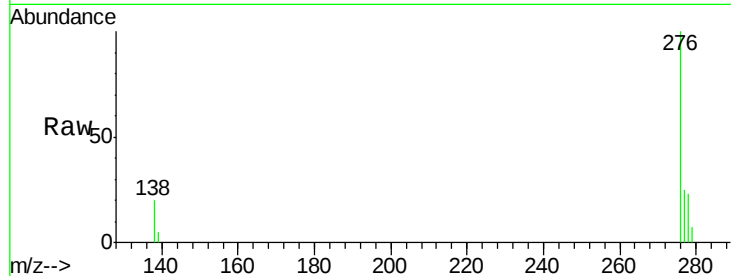
ClientSampleId :

C0AD3DL

Tot Ion:	278	Resp:	5791
Ion Ratio	Lower	Upper	
278	100		
139	22.0	17.4	26.0
279	31.2	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:30 PM



#26

Benzo(g,h,i)perylene

Concen: 1.127 ng/uL

RT: 28.05 min Scan# 4964

Delta R.T. 0.02 min

Lab File: BE096109.D

Acq: 24 Apr 2018 5:36

Tgt Ion:	276	Resp:	24545
Ion Ratio	Lower	Upper	
276	100		
138	21.6	21.8	32.8#
277	24.5	20.5	30.7

