

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103018\
 Data File : BE098109.D
 Acq On : 30 Oct 2018 11:36
 Operator : SJ/JU
 Sample : J5598-03DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5DL

Manual Integrations
 APPROVED

Sohil
 10/30/2018 5:00:44 PM

Quant Time: Oct 30 13:00:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 30 01:14:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5889	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4100	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9666	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	13151	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	11121	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	174	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	533	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.73	128	706	0.050	ng/ul#	79
7) Acenaphthylene	14.26	152	1053	0.065	ng/ul#	87
12) Phenanthrene	17.33	178	1652	0.074	ng/ul	93
13) Anthracene	17.42	178	2382	0.108	ng/ul#	92
15) Fluoranthene	19.35	202	24760	0.871	ng/ul	99
17) Pyrene	19.71	202	25698	0.837	ng/ul	100
18) Benzo(a)anthracene	21.45	228	21104	0.546	ng/ul	99
19) Chrysene	21.51	228	21977	0.735	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	31321m	1.017	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	10465m	0.347	ng/ul	
23) Benzo(a)pyrene	23.91	252	14757	0.498	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.71	276	10148	0.299	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.73	278	2656	0.094	ng/ul#	74
26) Benzo(g,h,i)perylene	27.54	276	7075	0.247	ng/ul#	97

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

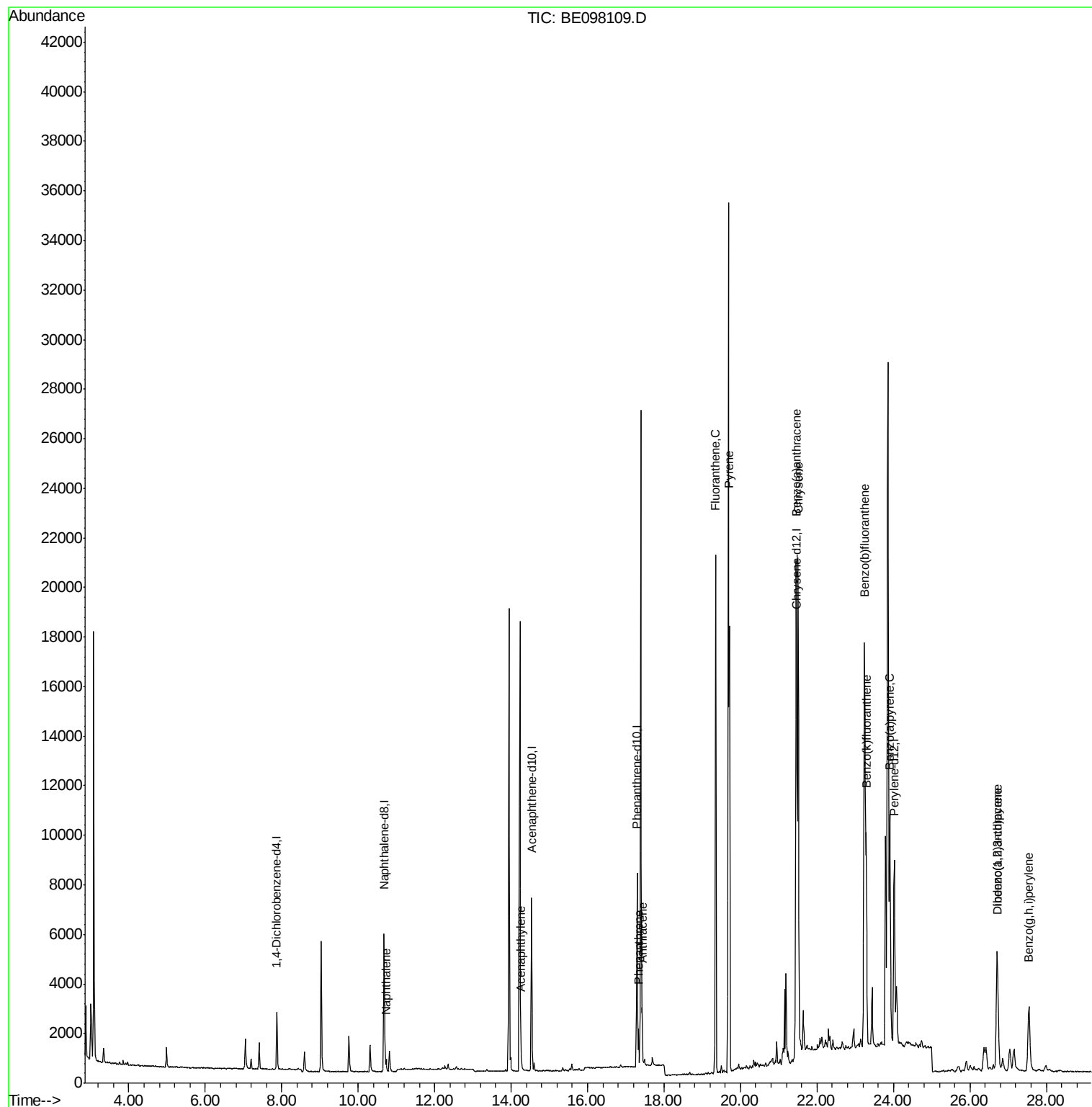
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103018\
Data File : BE098109.D
Acq On : 30 Oct 2018 11:36
Operator : SJ/JU
Sample : J5598-03DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

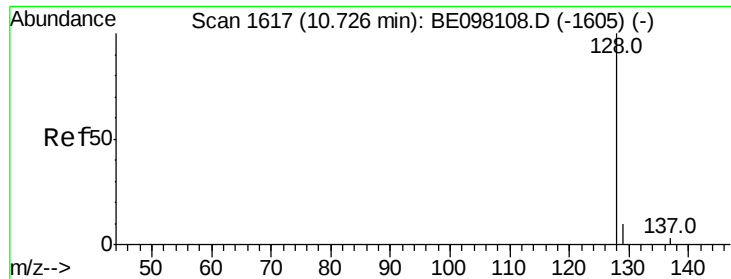
Instrument :
BNA_E
ClientSampleId :
C0AE5DL

Manual Integrations
APPROVED

Sohil
10/30/2018 5:00:44 PM

Quant Time: Oct 30 13:00:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 30 01:14:11 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.050 ng/ul

RT: 10.73 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

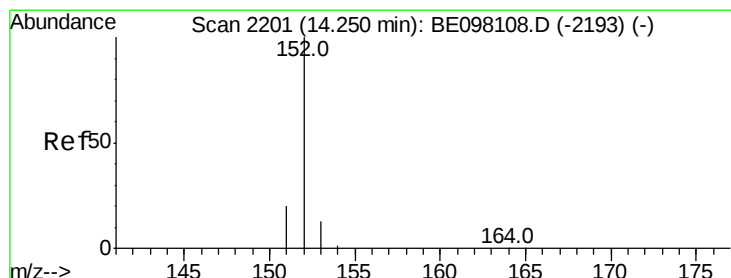
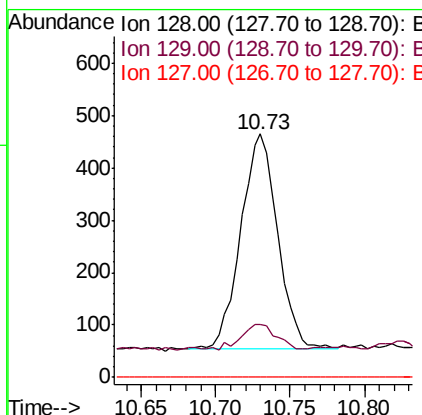
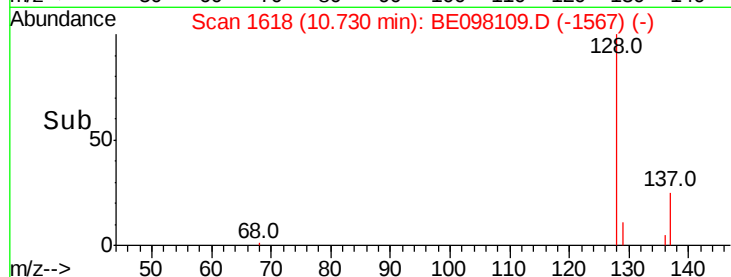
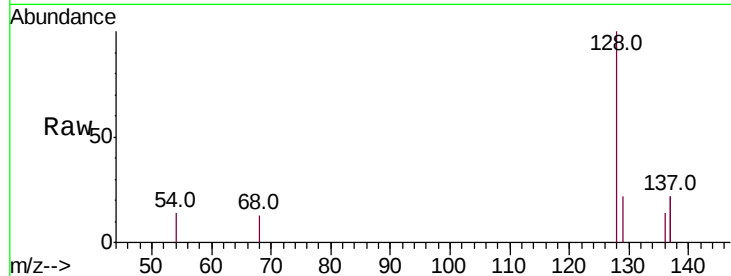
ClientSampleId :

C0AE5DL

Tot Ion:	128	Resp:	706
Ion Ratio	Lower	Upper	
128	100		
129	21.5	10.5	15.7#
127	0.0	0.0	0.0

Manual Integrations
APPROVED

Sohil
10/30/2018 5:00:44 PM



#7

Acenaphthylene

Concen: 0.065 ng/ul

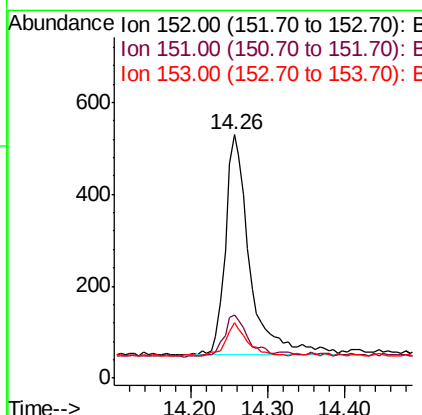
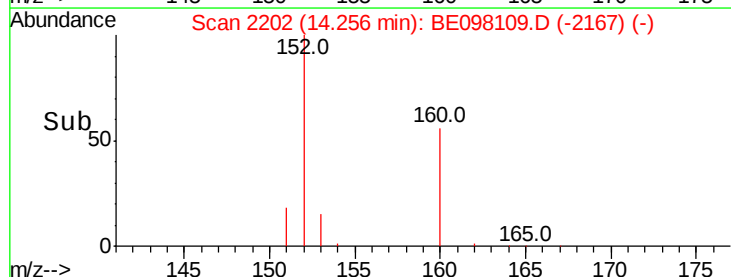
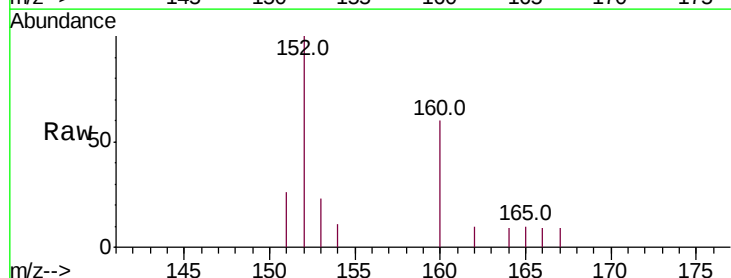
RT: 14.26 min Scan# 2202

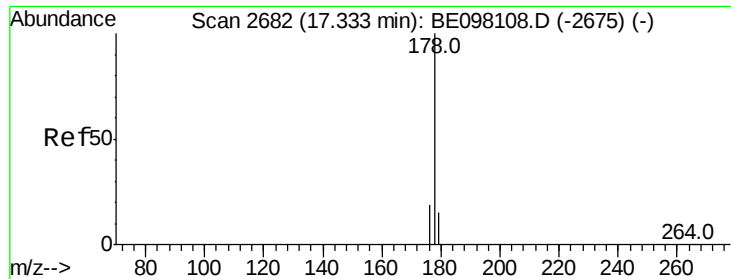
Delta R.T. 0.01 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Tgt Ion:	152	Resp:	1053
Ion Ratio	Lower	Upper	
152	100		
151	25.8	17.3	25.9
153	22.6	11.9	17.9#





#12

Phenanthrene

Concen: 0.074 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. -0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

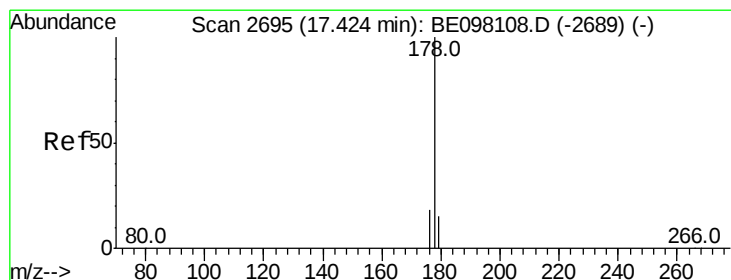
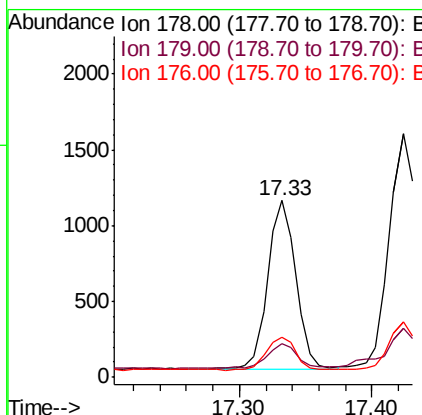
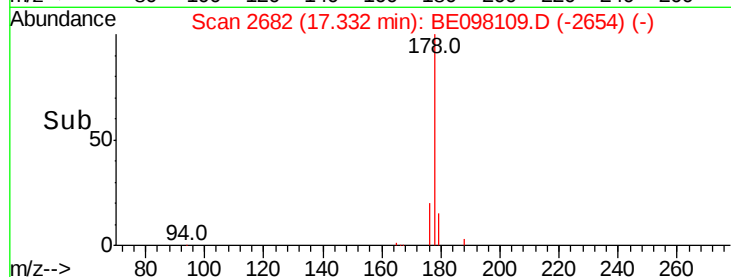
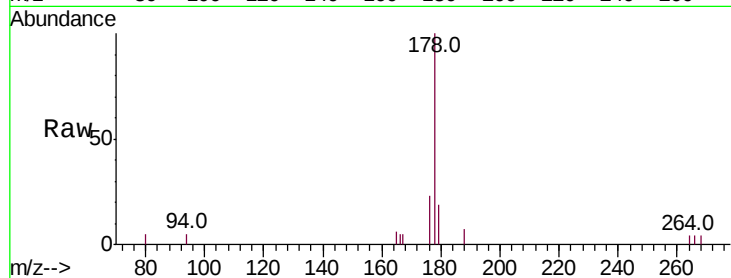
ClientSampleId :

C0AE5DL

Tot Ion:	178	Resp:	1652
Ion	Ratio	Lower	Upper
178	100		
179	19.4	13.0	19.4
176	22.9	15.7	23.5

Manual Integrations
APPROVED

Sohil
10/30/2018 5:00:44 PM



#13

Anthracene

Concen: 0.108 ng/ul

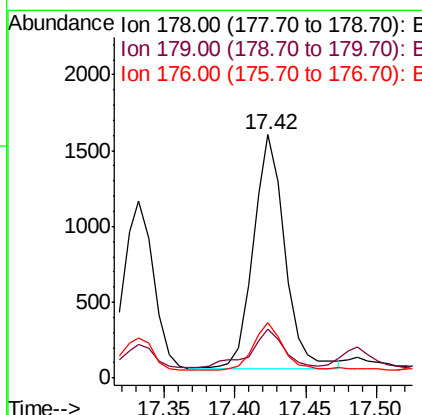
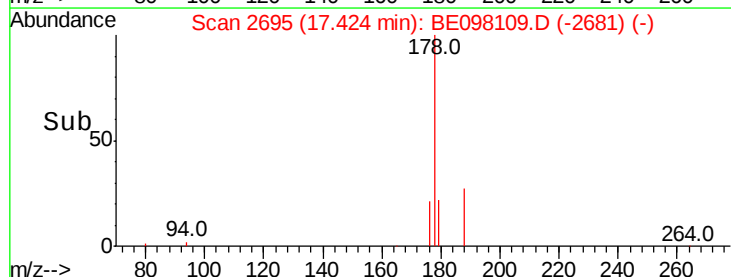
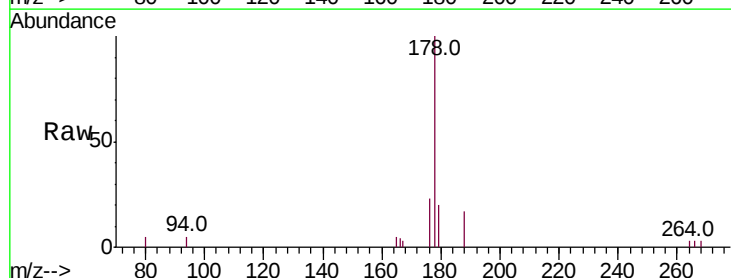
RT: 17.42 min Scan# 2695

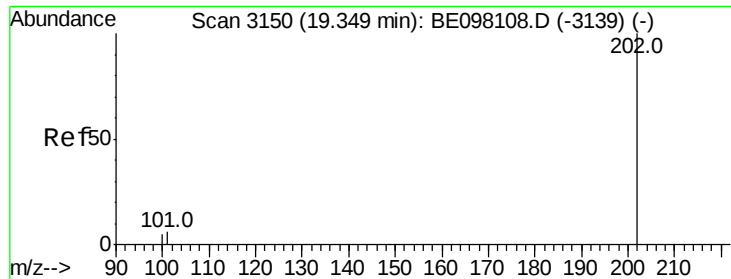
Delta R.T. -0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Tgt Ion:	178	Resp:	2382
Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.6	19.0#
176	22.5	15.6	23.4





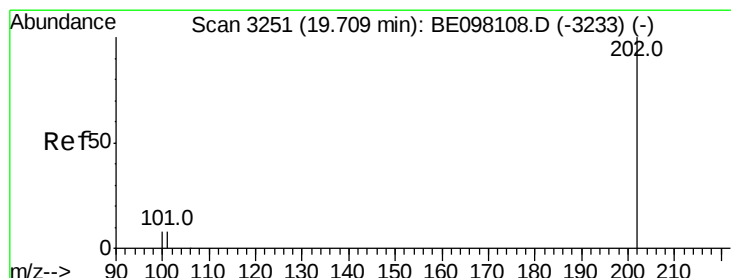
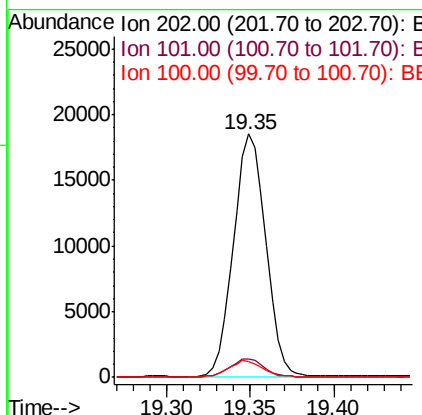
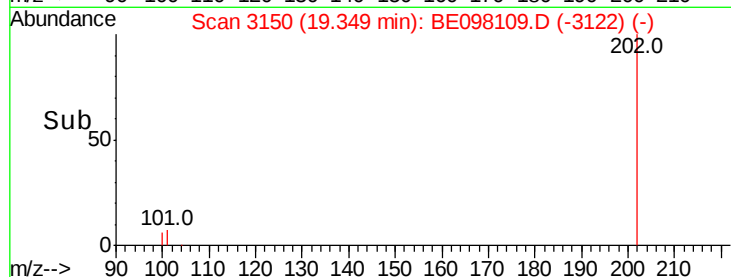
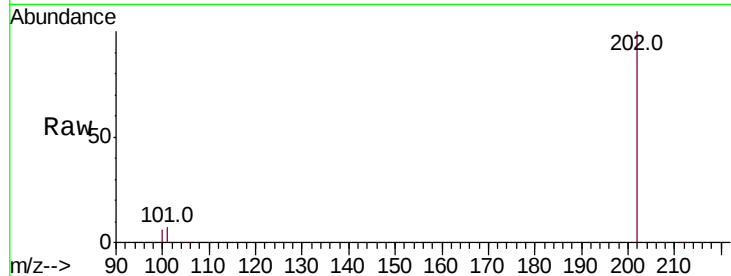
#15
Fluoranthene
 Concen: 0.871 ng/ul
 RT: 19.35 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BE098109.D
 Acq: 30 Oct 2018 11:36

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	24760		
101	7.4	0.0	27.5	
100	6.4	0.0	26.0	

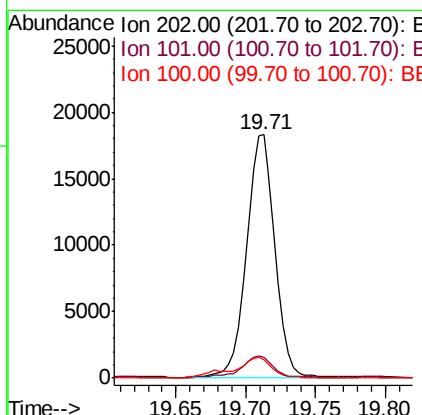
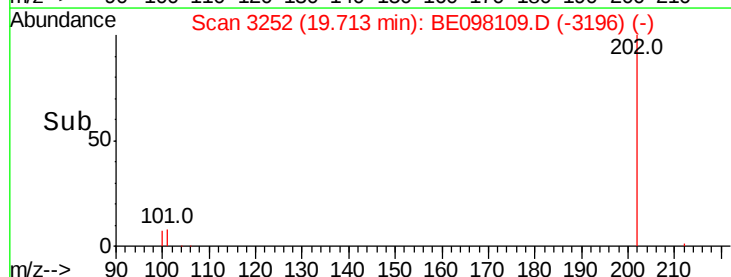
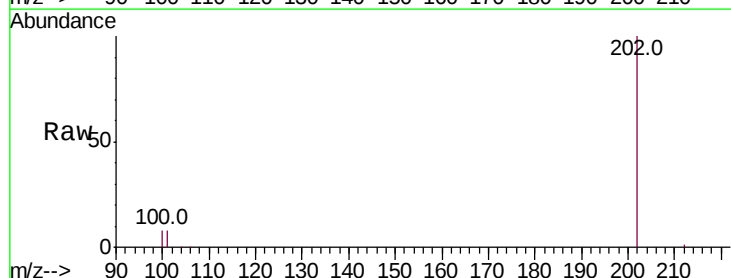
Manual Integrations
 APPROVED

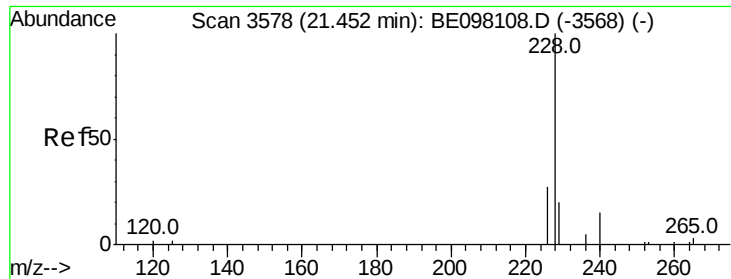
Sohil
 10/30/2018 5:00:44 PM



#17
Pyrene
 Concen: 0.837 ng/ul
 RT: 19.71 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BE098109.D
 Acq: 30 Oct 2018 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	25698		
101	8.3	6.9	10.3	
100	7.6	6.0	9.0	





#18

Benzo(a)anthracene

Concen: 0.546 ng/ul

RT: 21.45 min Scan# 3578

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

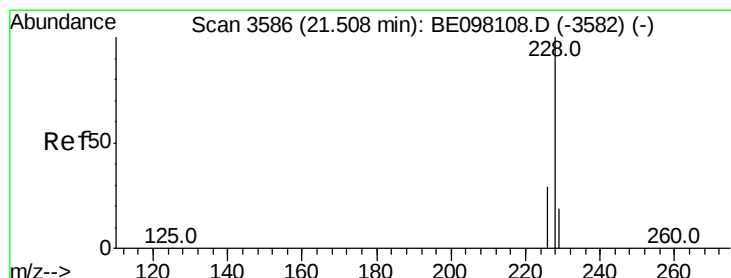
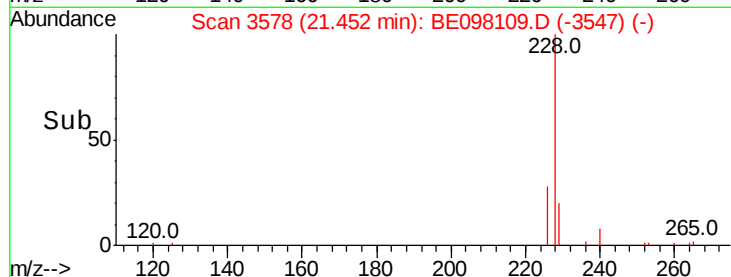
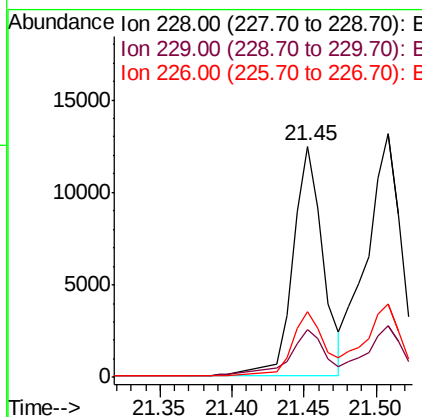
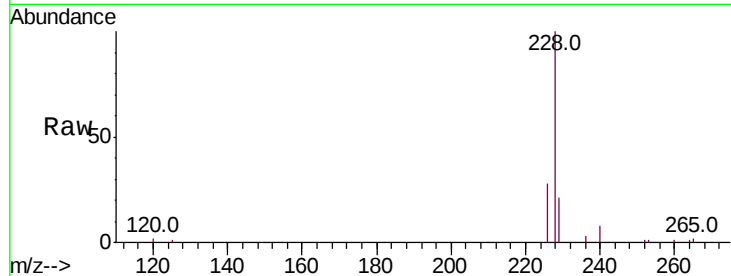
ClientSampleId :

C0AE5DL

Tot Ion:	228	Resp:	21104
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.1	24.1
226	28.3	22.2	33.4

Manual Integrations
APPROVED

Sohil
10/30/2018 5:00:44 PM



#19

Chrysene

Concen: 0.735 ng/ul

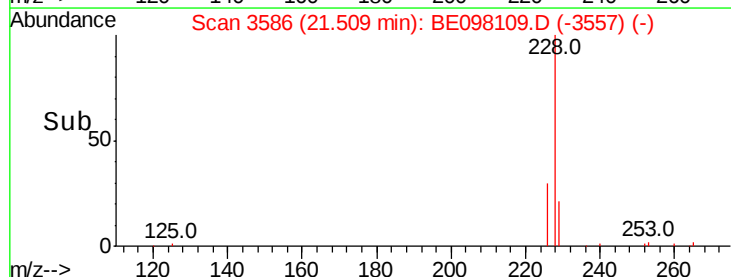
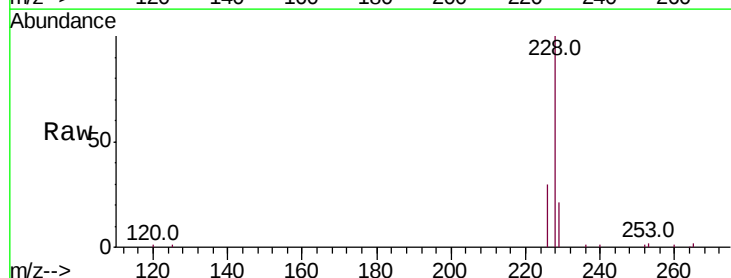
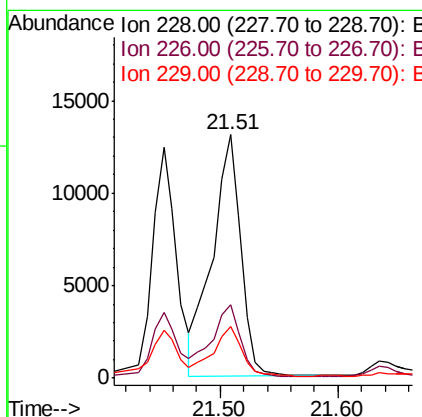
RT: 21.51 min Scan# 3586

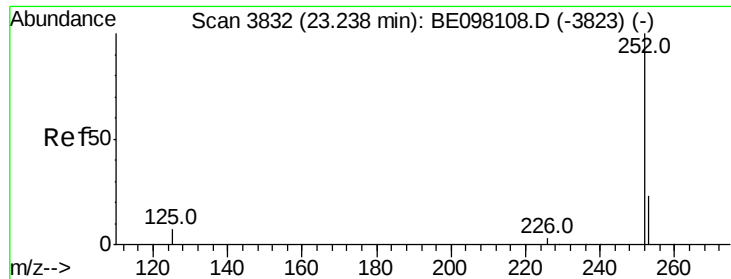
Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Tgt Ion:	228	Resp:	21977
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.6	37.0
229	21.2	16.4	24.6





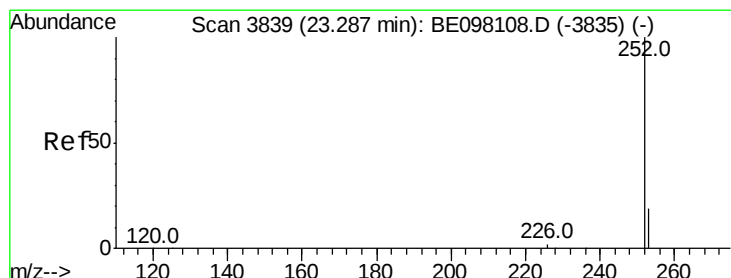
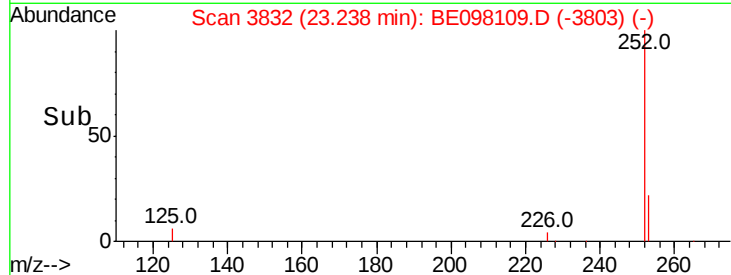
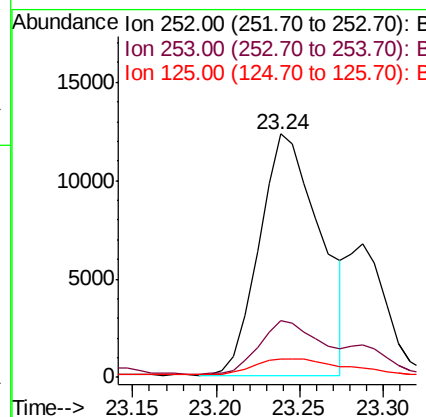
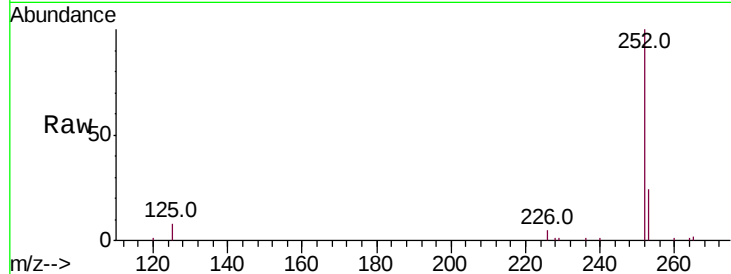
#21
Benzo(b)fluoranthene
Concen: 1.017 ng/ul m
RT: 23.24 min Scan# 3832
Delta R.T. 0.00 min
Lab File: BE098109.D
Acq: 30 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :
C0AE5DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.5	0.0	47.8	
125	7.6	0.0	16.8	

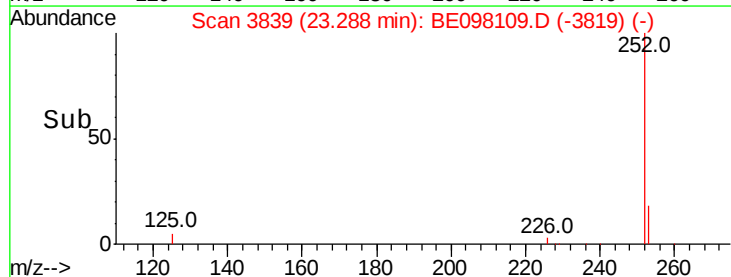
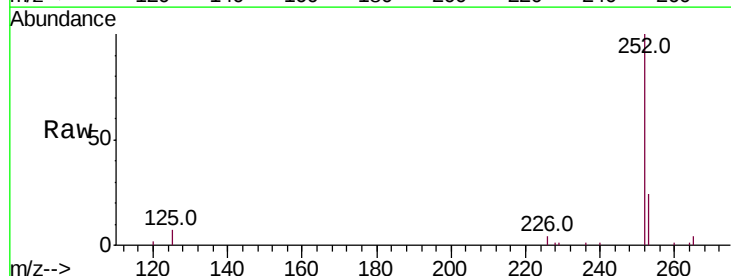
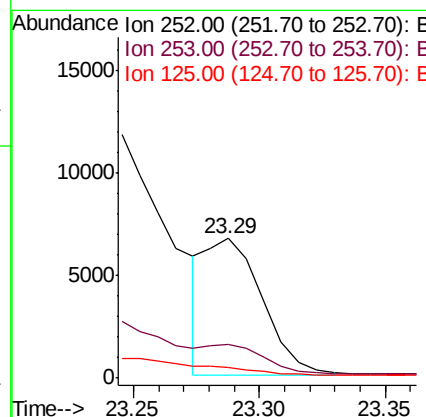
Manual Integrations
APPROVED

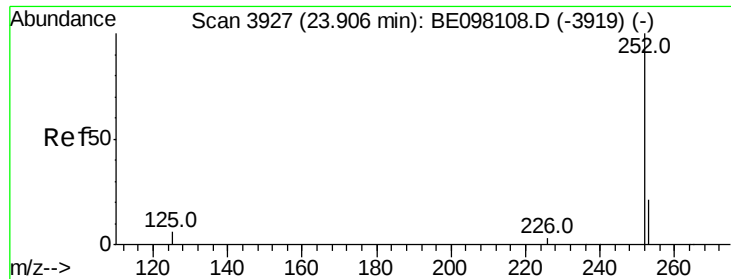
Sohil
10/30/2018 5:00:44 PM



#22
Benzo(k)fluoranthene
Concen: 0.347 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BE098109.D
Acq: 30 Oct 2018 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.8	19.3	28.9	
125	7.4	6.2	9.2	





#23

Benzo(a)pyrene

Concen: 0.498 ng/ul

RT: 23.91 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

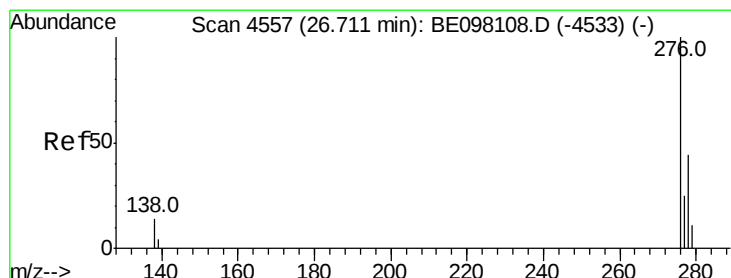
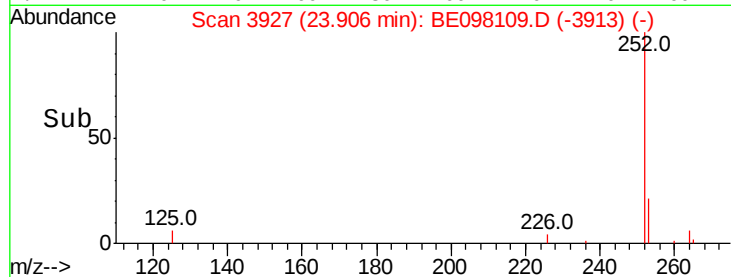
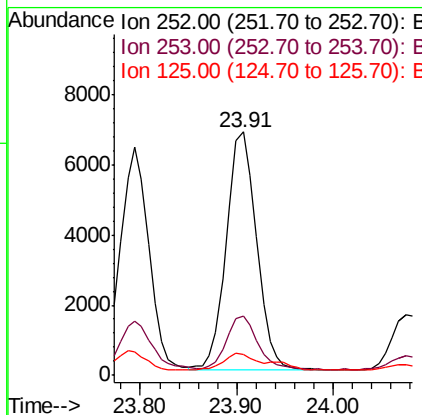
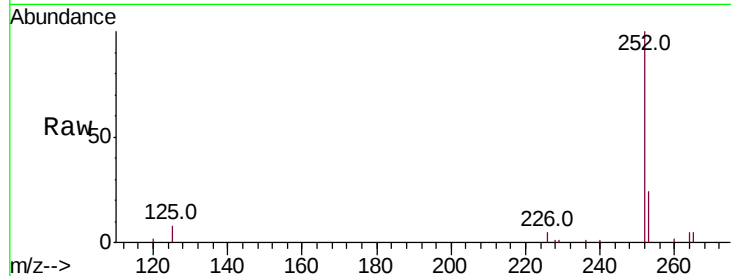
ClientSampleId :

C0AE5DL

Tot Ion:	252	Resp:	14757
Ion Ratio	Lower	Upper	
252	100		
253	24.2	19.4	29.2
125	8.4	7.8	11.8

Manual Integrations
APPROVED

Sohil
10/30/2018 5:00:44 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

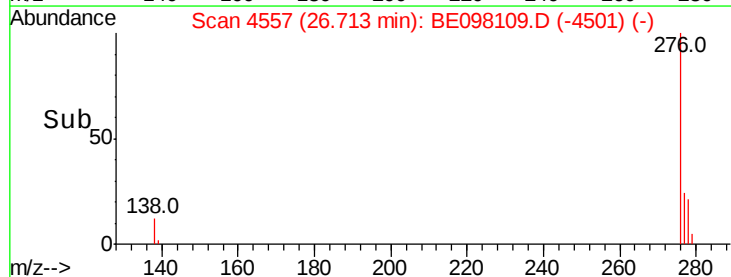
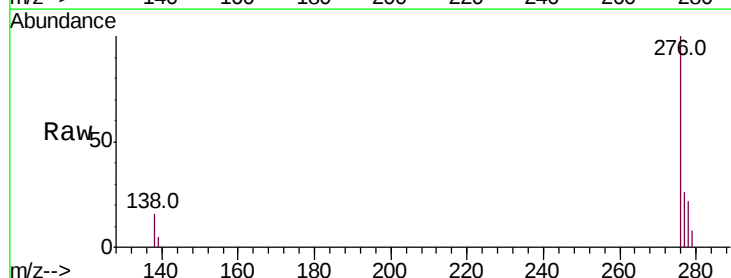
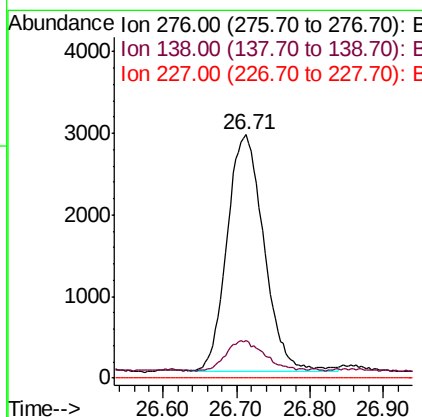
RT: 26.71 min Scan# 4557

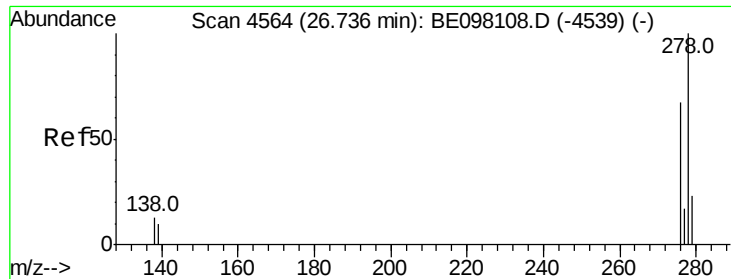
Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Tgt Ion:	276	Resp:	10148
Ion Ratio	Lower	Upper	
276	100		
138	13.2	11.8	17.8
227	0.0	0.0	0.0





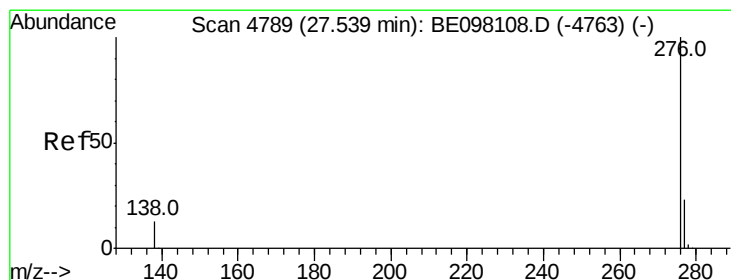
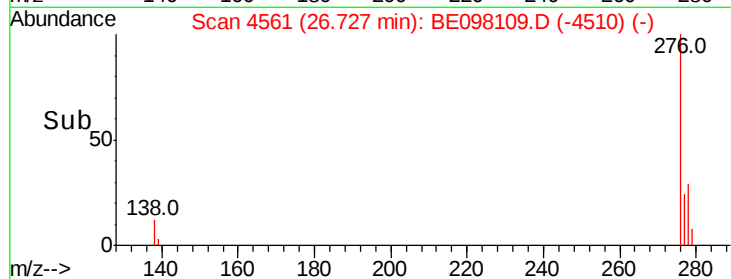
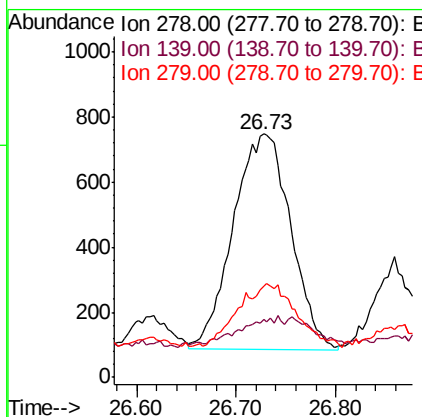
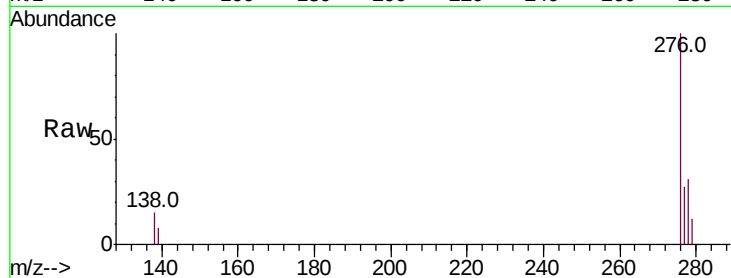
#25
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.73 min Scan# 4561
Delta R.T. -0.02 min
Lab File: BE098109.D
Acq: 30 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :
C0AE5DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.9	10.0	15.0#
279	37.7	20.3	30.5#

Manual Integrations
APPROVED

Sohil
10/30/2018 5:00:44 PM



#26
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.54 min Scan# 4788
Delta R.T. -0.01 min
Lab File: BE098109.D
Acq: 30 Oct 2018 11:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	11.6	17.4#
277	26.2	20.8	31.2

