

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097845.D
 Acq On : 11 Oct 2018 1:49
 Operator : SJ/JU
 Sample : J5183-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC47

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:59 PM

Quant Time: Oct 11 02:57:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3484	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	18049	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	14059	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	37113m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	38201m	0.40	ng/ul	0.00
20) Perylene-d12	24.04	264	34863m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	9056	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	35145m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	5823	0.134	ng/ul	96
5) 2-Methylnaphthalene	12.36	142	4539	0.157	ng/ul	100
7) Acenaphthylene	14.27	152	2620	0.053	ng/ul#	72
8) Acenaphthene	14.61	153	11400	0.276	ng/ul	98
9) Fluorene	15.60	166	14388	0.289	ng/ul	98
12) Phenanthrene	17.34	178	293201m	3.306	ng/ul	
13) Anthracene	17.44	178	58026m	0.771	ng/ul	
15) Fluoranthene	19.36	202	491094m	4.201	ng/ul	
17) Pyrene	19.72	202	475092m	5.062	ng/ul	
18) Benzo(a)anthracene	21.47	228	264485m	2.494	ng/ul	
19) Chrysene	21.52	228	565463	5.528	ng/ul	97
21) Benzo(b)fluoranthene	23.25	252	636260m	7.062	ng/ul	
22) Benzo(k)fluoranthene	23.30	252	165716m	1.623	ng/ul	
23) Benzo(a)pyrene	23.93	252	264312	3.206	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.73	276	317272	3.390	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.74	278	77454	0.990	ng/ul#	88
26) Benzo(a,h,i)perylene	27.55	276	367742	4.163	ng/ul	98

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

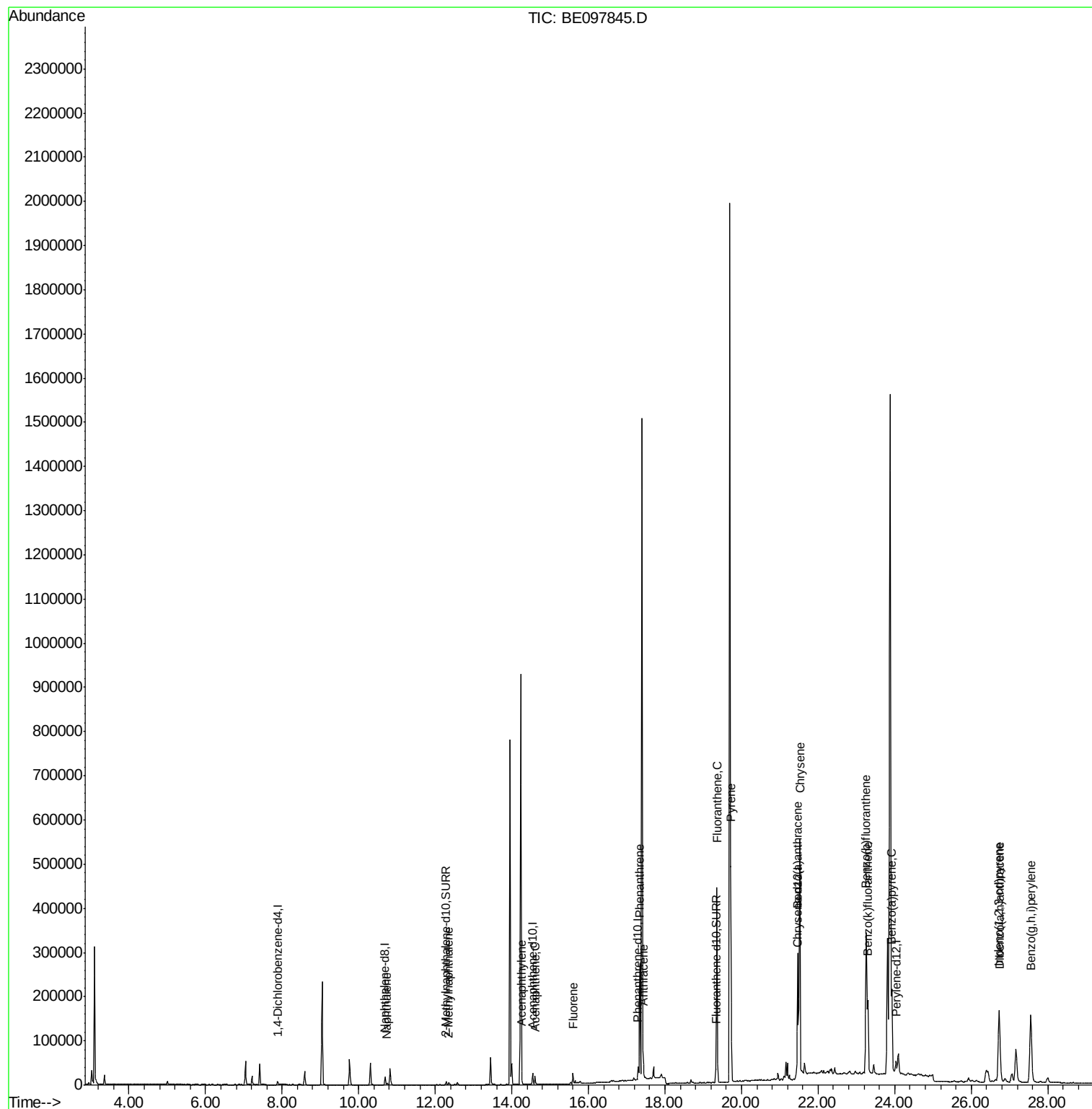
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
Data File : BE097845.D
Acq On : 11 Oct 2018 1:49
Operator : SJ/JU
Sample : J5183-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

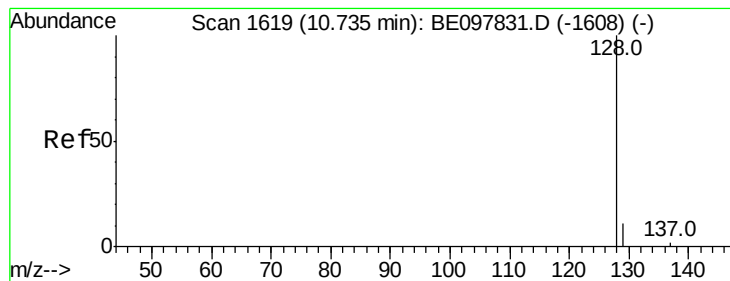
Instrument :
BNA_E
ClientSampleId :
JLC47

Manual Integrations
APPROVED

Sohil
10/11/2018 5:33:59 PM

Quant Time: Oct 11 02:57:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 01:20:33 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.134 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE097845.D

Acq: 11 Oct 2018 1:49

Instrument :

BNA_E

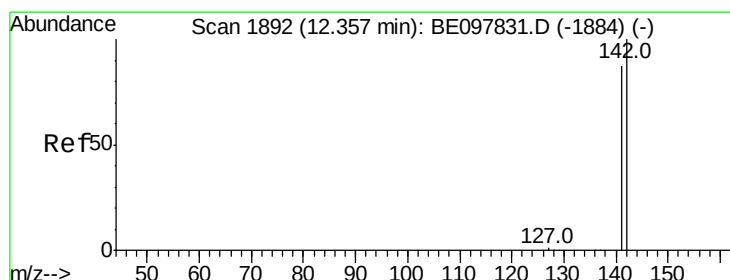
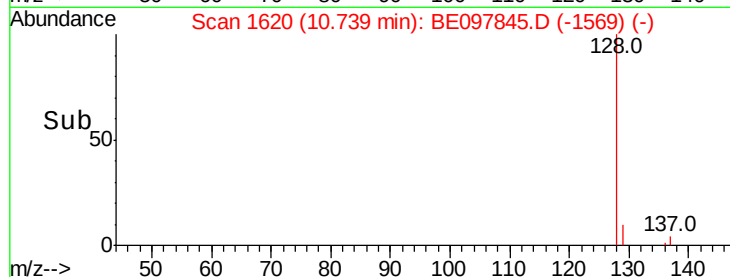
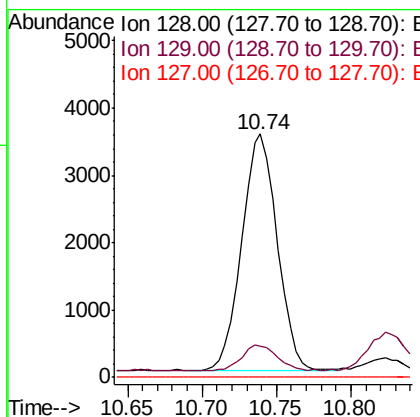
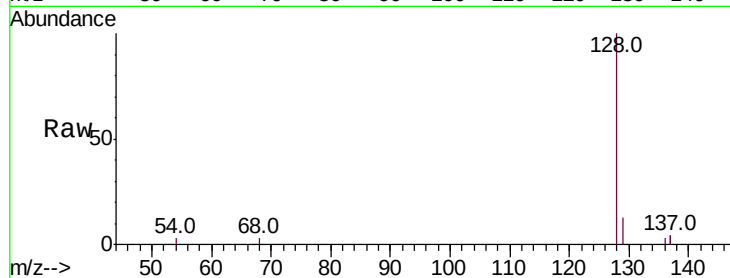
ClientSampled :

JLC47

Tot Ion:128	Resp:	5823
Ion Ratio	Lower	Upper
128 100		
129 13.0	9.1	13.7
127 0.0	0.0	0.0

Manual Integrations
APPROVED

Sohil
10/11/2018 5:33:59 PM



#5

2-Methylnaphthalene

Concen: 0.157 ng/ul

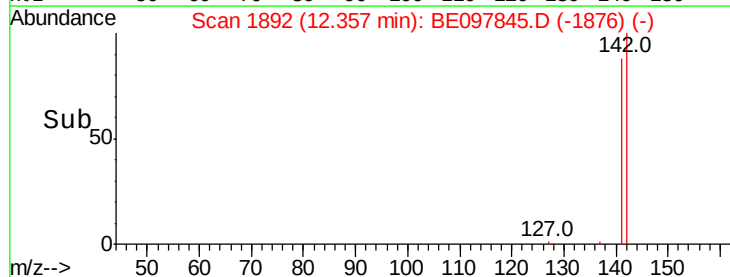
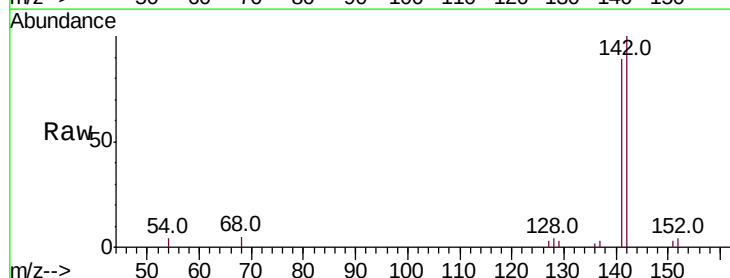
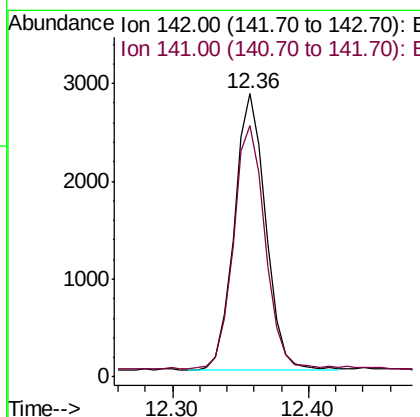
RT: 12.36 min Scan# 1892

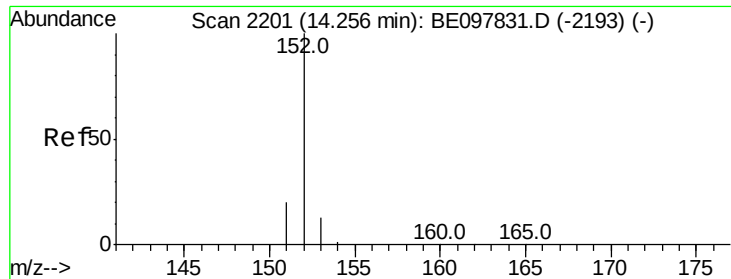
Delta R.T. 0.00 min

Lab File: BE097845.D

Acq: 11 Oct 2018 1:49

Tgt Ion:142	Resp:	4539
Ion Ratio	Lower	Upper
142 100		
141 89.4	71.6	107.4





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.27 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BE097845.D

Acq: 11 Oct 2018 1:49

Instrument :

BNA_E

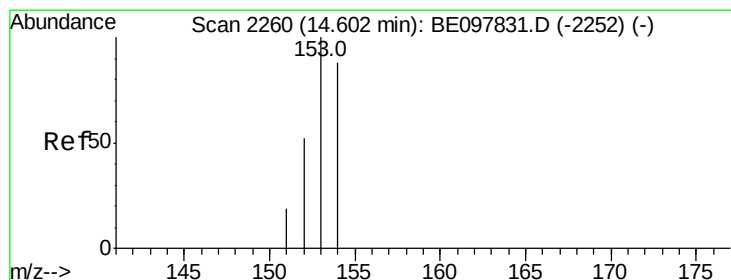
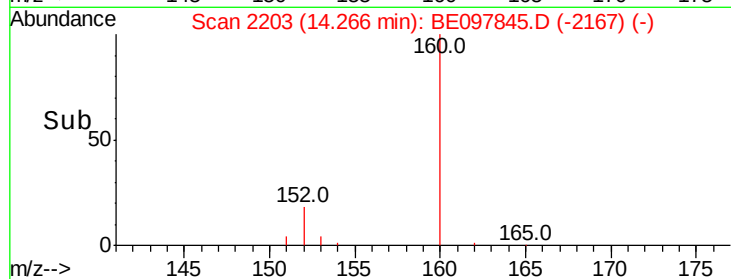
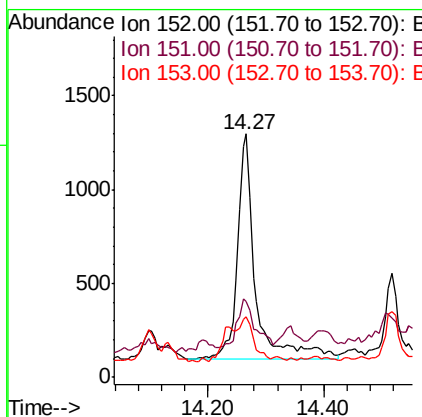
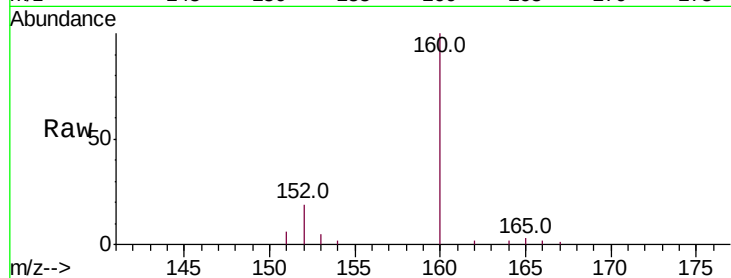
ClientSampleId :

JLC47

Tot Ion:	152	Resp:	2620
Ion Ratio	Lower	Upper	
152	100		
151	31.0	15.0	22.6#
153	25.0	10.5	15.7#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:33:59 PM



#8

Acenaphthene

Concen: 0.276 ng/ul

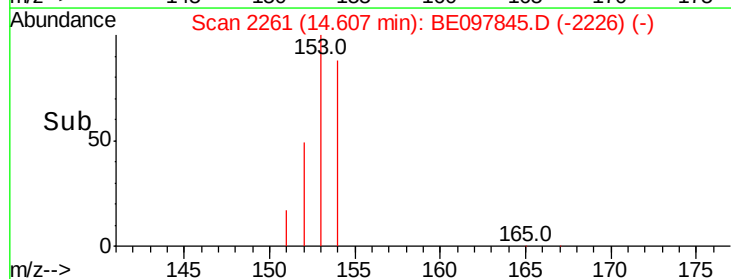
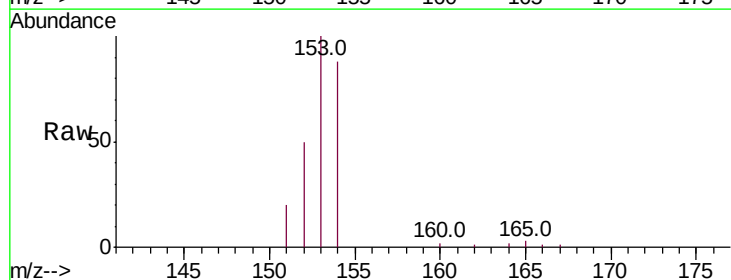
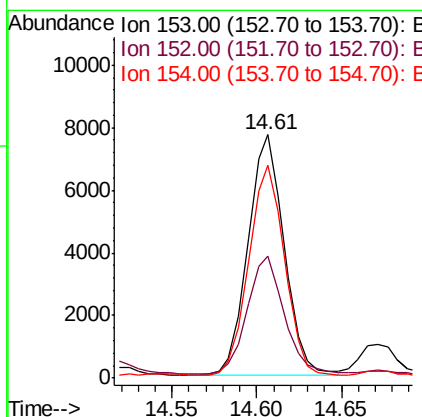
RT: 14.61 min Scan# 2261

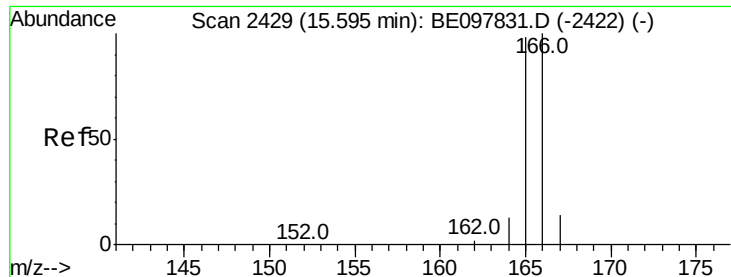
Delta R.T. 0.00 min

Lab File: BE097845.D

Acq: 11 Oct 2018 1:49

Tgt Ion:	153	Resp:	11400
Ion Ratio	Lower	Upper	
153	100		
152	50.2	41.2	61.8
154	87.6	68.6	103.0





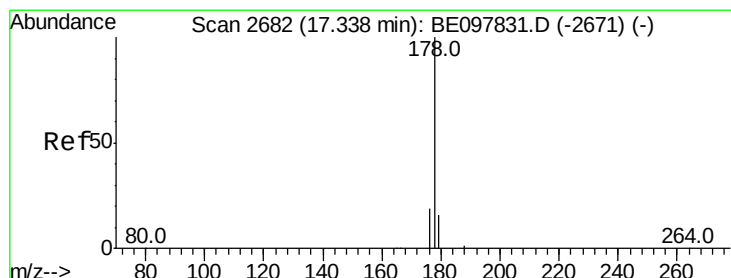
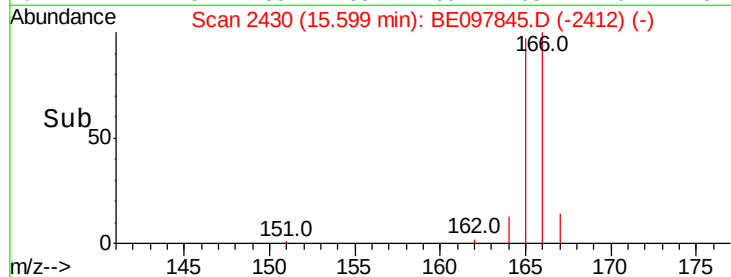
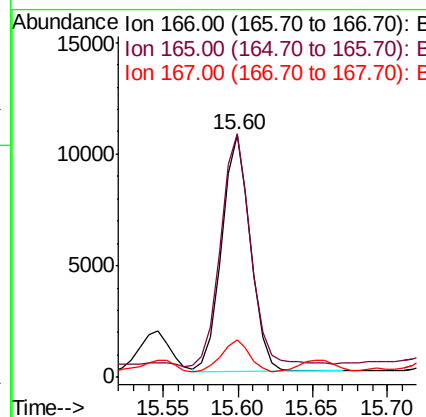
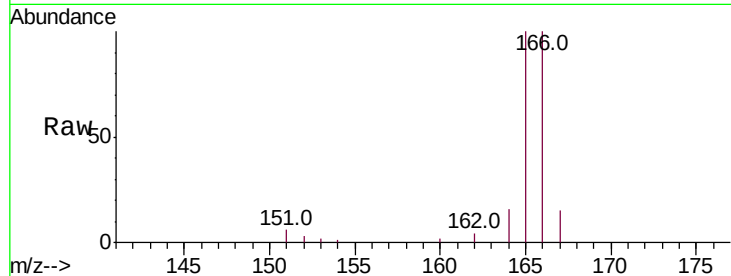
#9
Fluorene
Concen: 0.289 ng/ul
RT: 15.60 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BE097845.D
Acq: 11 Oct 2018 1:49

Instrument :
BNA_E
ClientSampleId :
JLC47

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.2	118.8
167	15.5	11.3	16.9

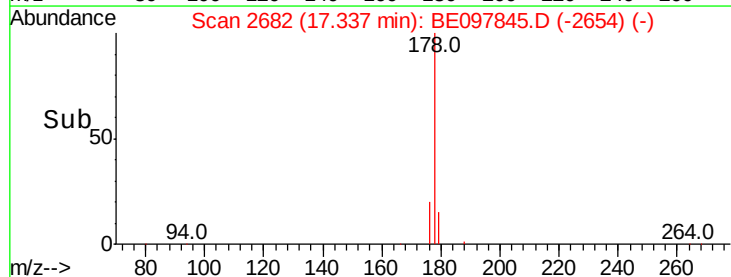
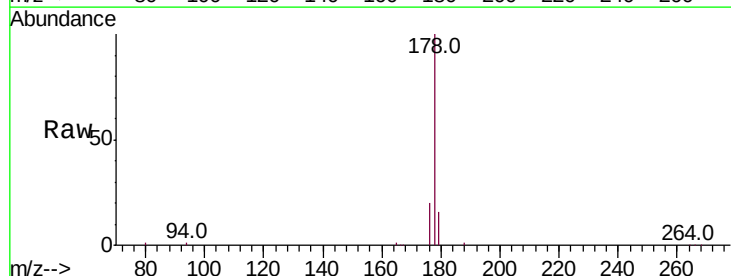
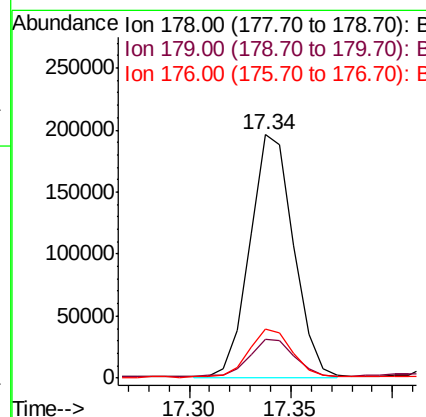
Manual Integrations
APPROVED

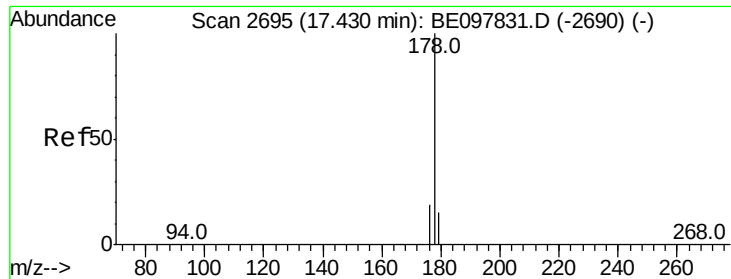
Sohil
10/11/2018 5:33:59 PM



#12
Phenanthrene
Concen: 3.306 ng/ul m
RT: 17.34 min Scan# 2682
Delta R.T. -0.00 min
Lab File: BE097845.D
Acq: 11 Oct 2018 1:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	14.9	22.3





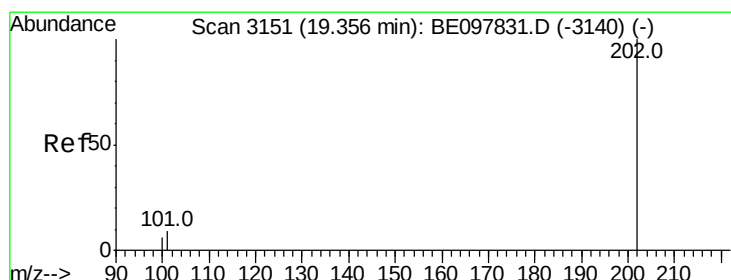
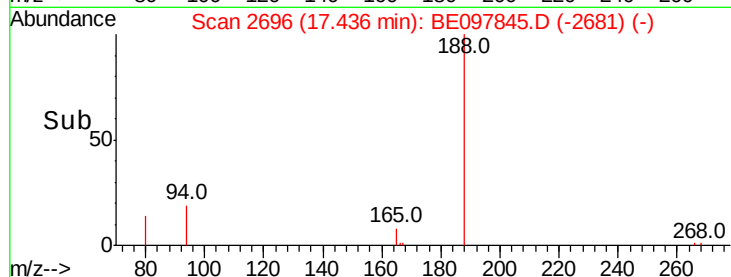
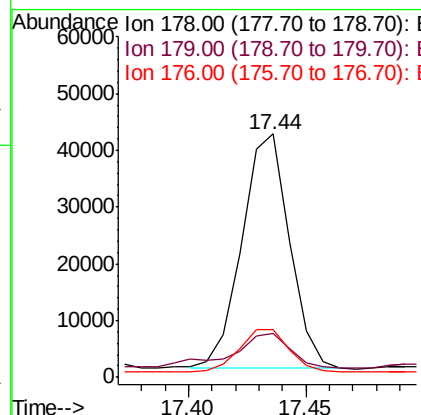
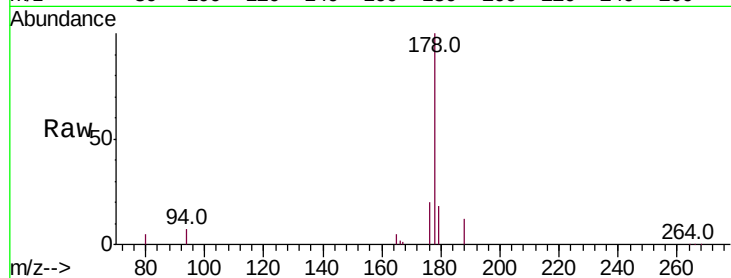
#13
 Anthracene
 Concen: 0.771 ng/ul m
 RT: 17.44 min Scan# 2696
 Delta R.T. 0.01 min
 Lab File: BE097845.D
 Acq: 11 Oct 2018 1:49

Instrument :
 BNA_E
 ClientSampled :
 JLC47

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.9	19.3
176	19.8	15.5	23.3

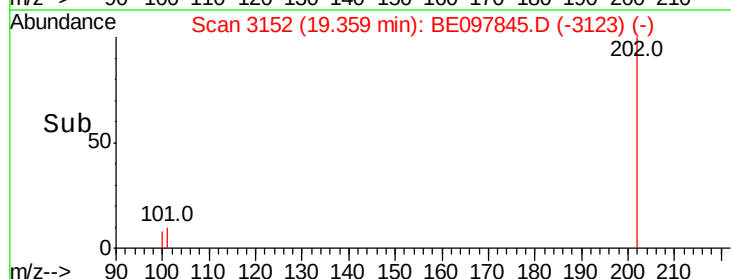
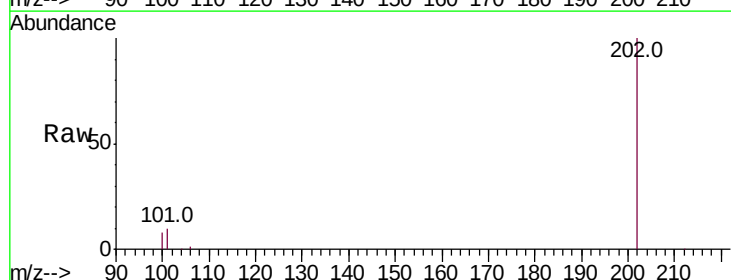
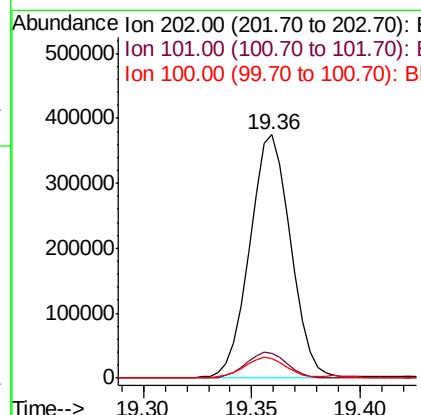
Manual Integrations
 APPROVED

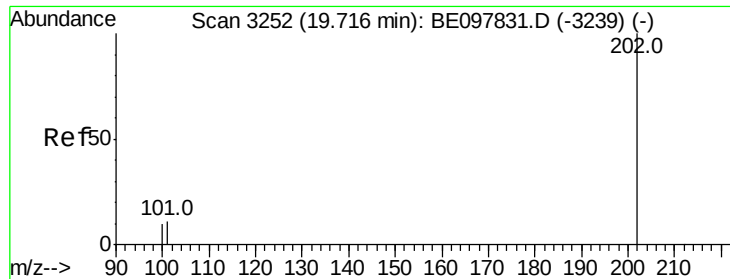
Sohil
 10/11/2018 5:33:59 PM



#15
 Fluoranthene
 Concen: 4.201 ng/ul m
 RT: 19.36 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BE097845.D
 Acq: 11 Oct 2018 1:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.3
100	8.0	0.0	27.5





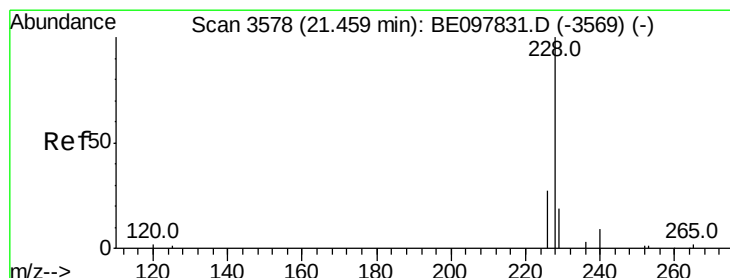
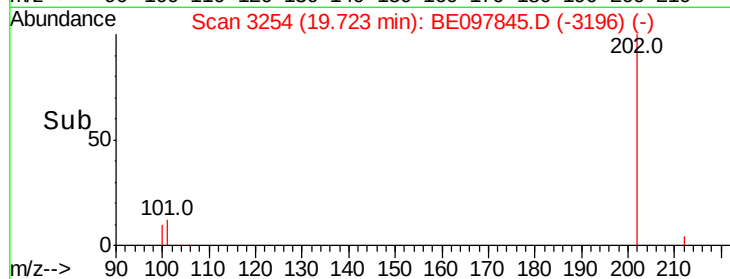
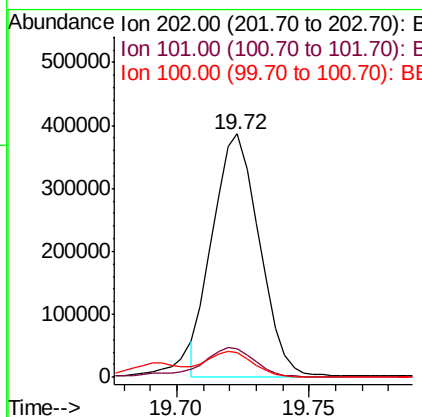
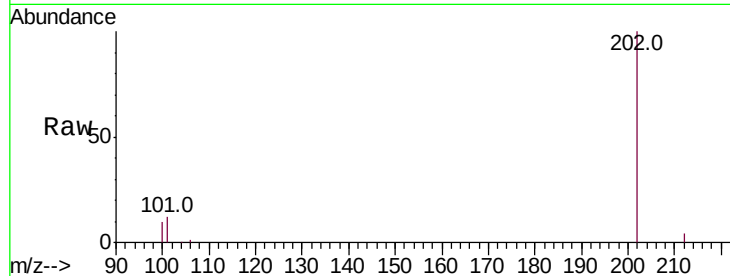
#17
Pvrene
Concen: 5.062 ng/ul m
RT: 19.72 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BE097845.D
Acq: 11 Oct 2018 1:49

Instrument :
BNA_E
ClientSampleId :
JLC47

Tot Ion	Ratio	Resp	Lower	Upper
202	100	475092		
101	11.6		8.8	13.2
100	9.9		7.9	11.9

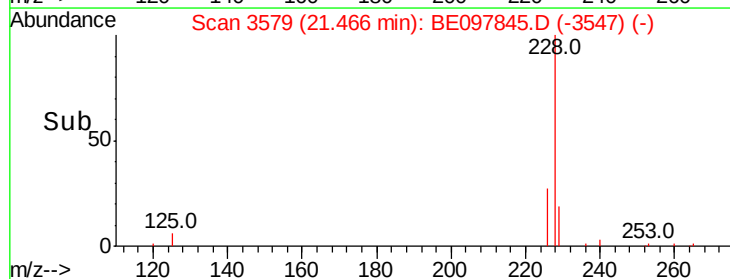
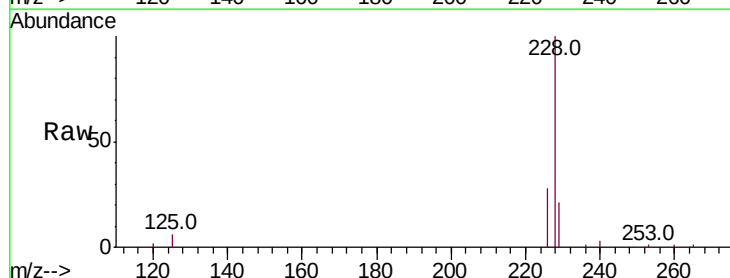
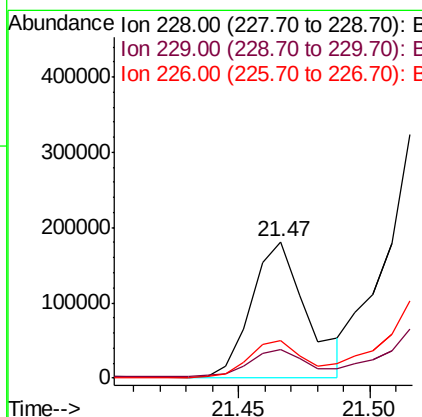
Manual Integrations
APPROVED

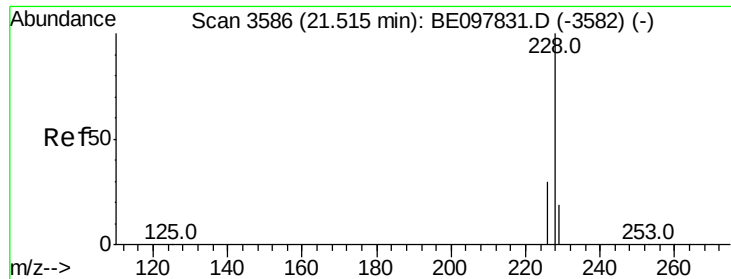
Sohil
10/11/2018 5:33:59 PM



#18
Benzo(a)anthracene
Concen: 2.494 ng/ul m
RT: 21.47 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BE097845.D
Acq: 11 Oct 2018 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	264485		
229	21.2		16.4	24.6
226	27.6		21.5	32.3





#19

Chrysene

Concen: 5.528 ng/ul

RT: 21.52 min Scan# 3587

Delta R.T. 0.01 min

Lab File: BE097845.D

Acq: 11 Oct 2018 1:49

Instrument :

BNA_E

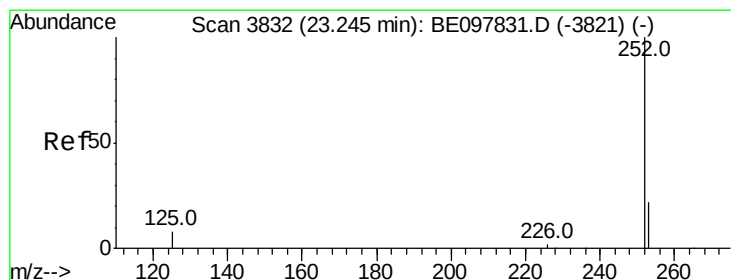
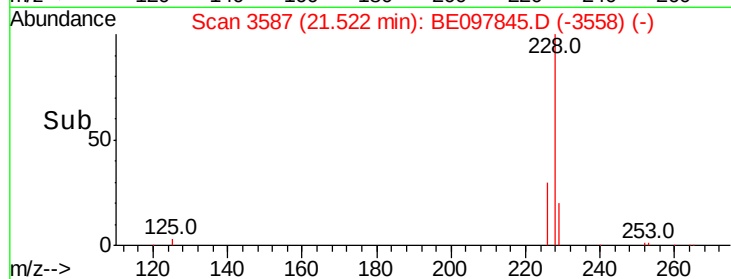
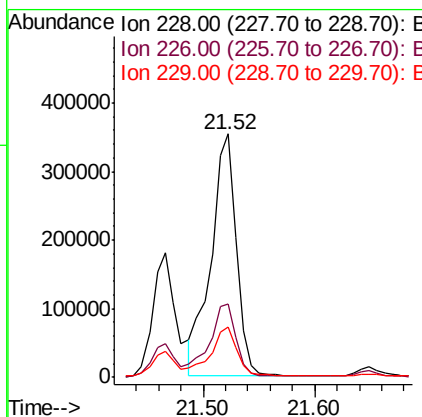
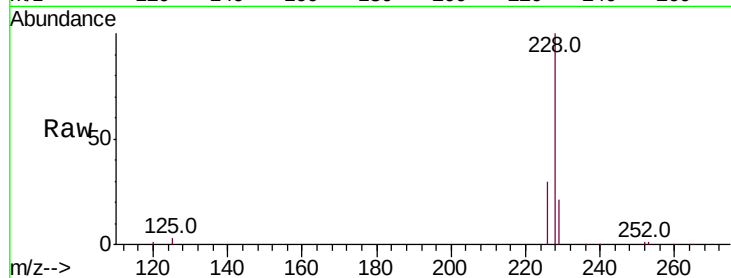
ClientSampleId :

JLC47

Tot Ion:	228	Resp:	565463
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.0	34.4
229	20.8	15.5	23.3

Manual Integrations
APPROVED

Sohil
10/11/2018 5:33:59 PM



#21

Benzo(b)fluoranthene

Concen: 7.062 ng/ul m

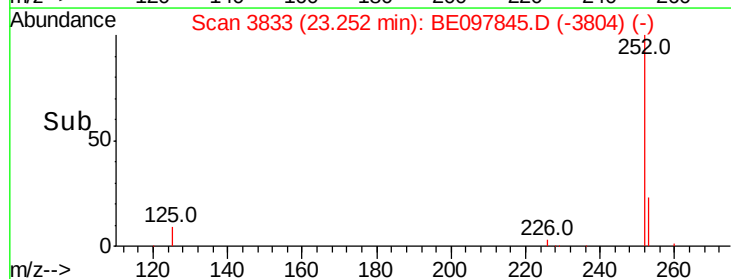
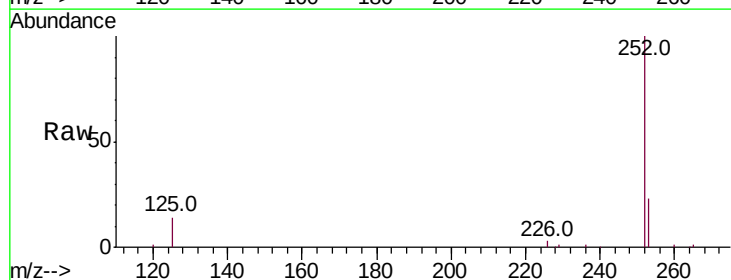
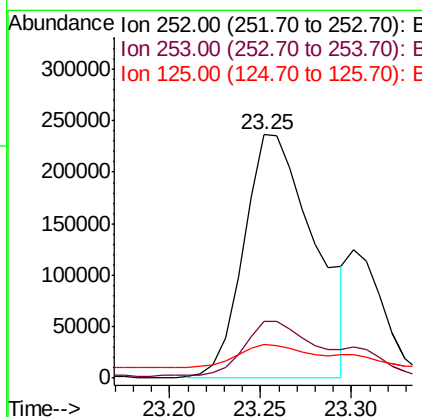
RT: 23.25 min Scan# 3833

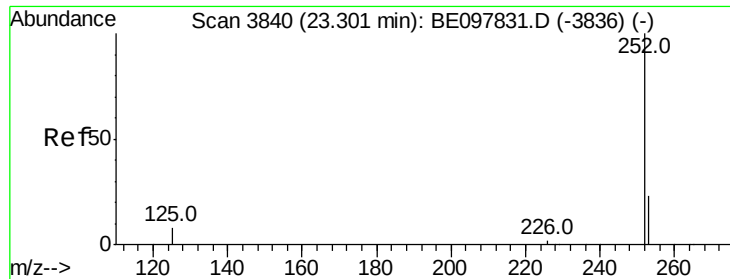
Delta R.T. 0.01 min

Lab File: BE097845.D

Acq: 11 Oct 2018 1:49

Tgt Ion:	252	Resp:	636260
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	47.0
125	13.7	0.0	18.2





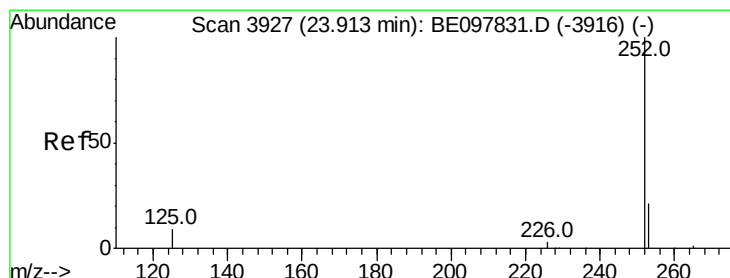
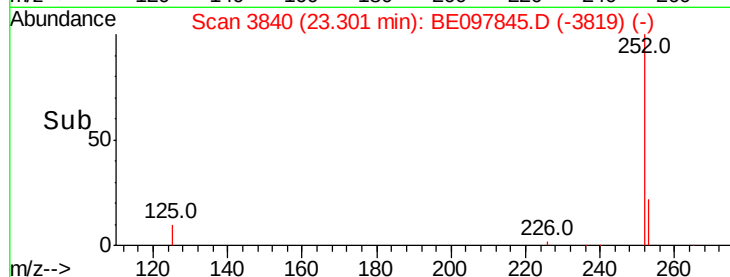
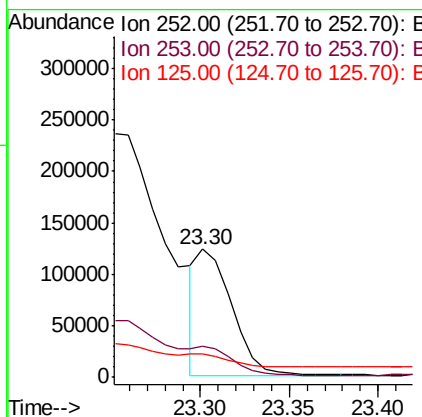
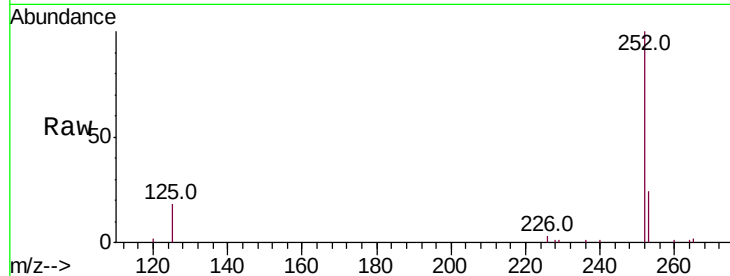
#22
Benzo(k)fluoranthene
Concen: 1.623 ng/ul m
RT: 23.30 min Scan# 3840
Delta R.T. 0.00 min
Lab File: BE097845.D
Acq: 11 Oct 2018 1:49

Instrument :
BNA_E
ClientSampleId :
JLC47

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	18.1	9.4	14.0#

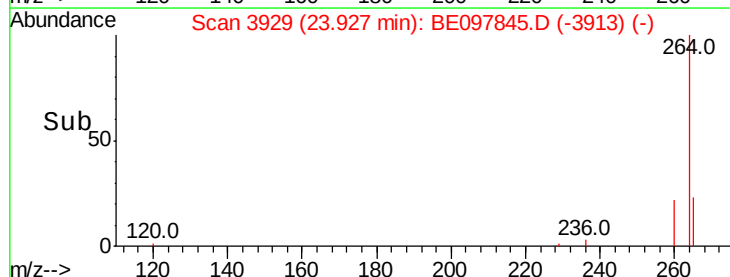
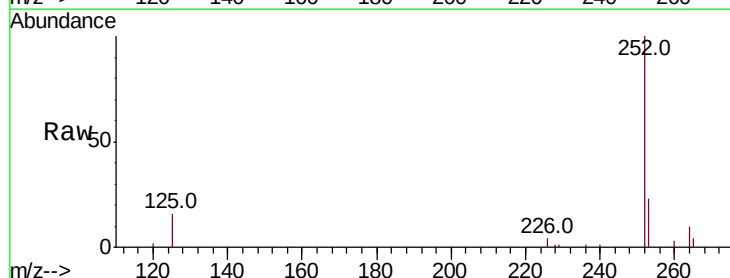
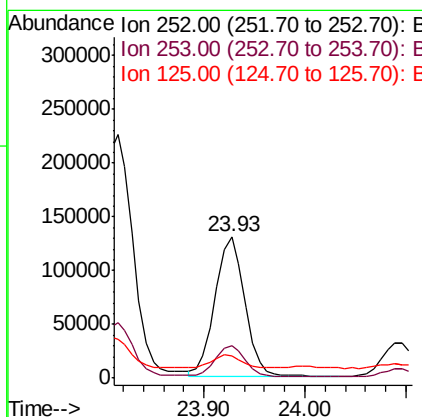
Manual Integrations
APPROVED

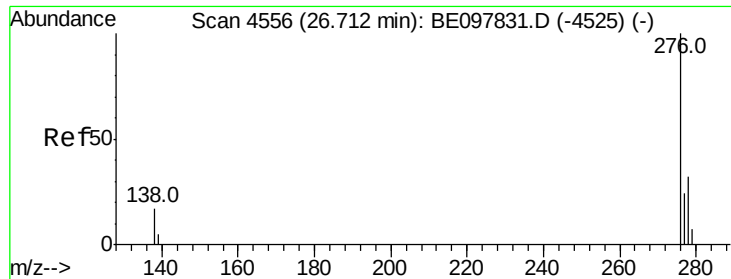
Sohil
10/11/2018 5:33:59 PM



#23
Benzo(a)pyrene
Concen: 3.206 ng/ul
RT: 23.93 min Scan# 3929
Delta R.T. 0.01 min
Lab File: BE097845.D
Acq: 11 Oct 2018 1:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	15.9	8.3	12.5#





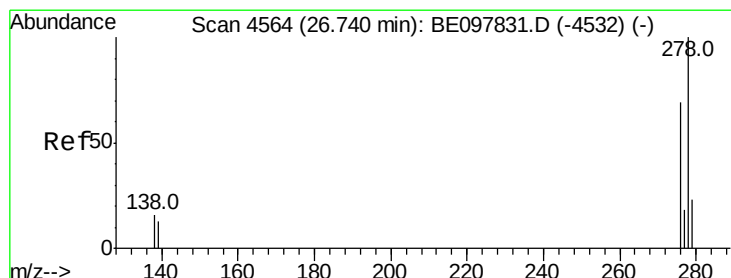
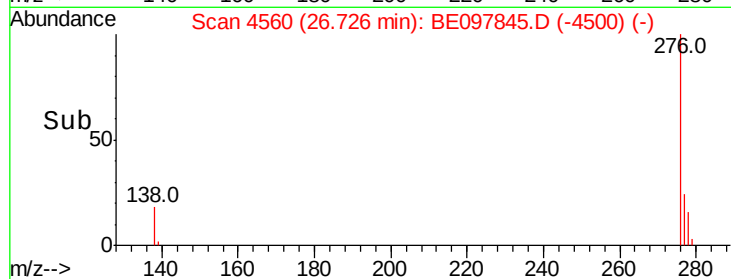
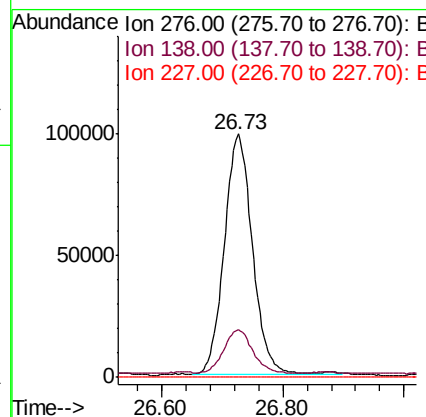
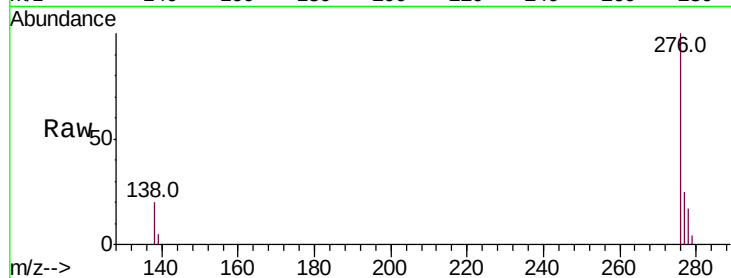
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.390 ng/ul
 RT: 26.73 min Scan# 4560
 Delta R.T. 0.01 min
 Lab File: BE097845.D
 Acq: 11 Oct 2018 1:49

Instrument :
 BNA_E
 ClientSampled :
 JLC47

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	18.1	0.0	0.0#
227	0.0	0.0	0.0

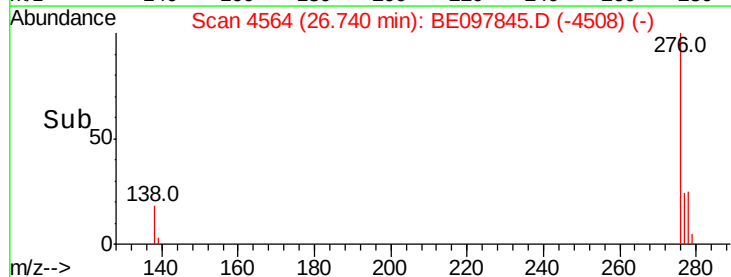
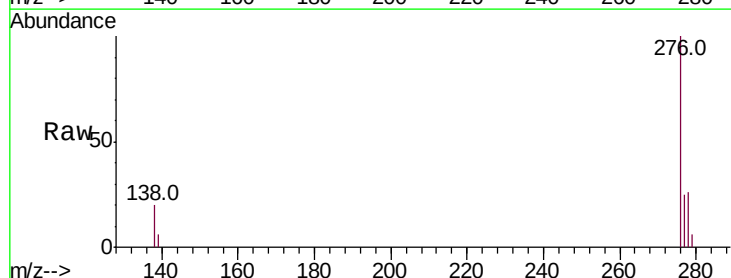
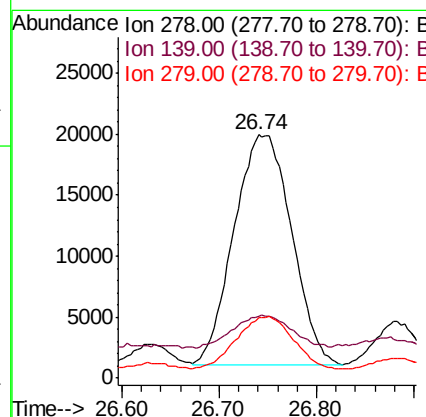
Manual Integrations
 APPROVED

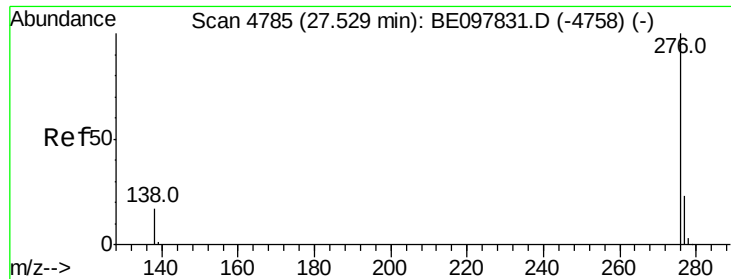
Sohil
 10/11/2018 5:33:59 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.990 ng/ul
 RT: 26.74 min Scan# 4564
 Delta R.T. 0.00 min
 Lab File: BE097845.D
 Acq: 11 Oct 2018 1:49

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	25.2	10.9	16.3#
279	24.6	18.8	28.2





#26
 Benzo(a,h,i)perylene
 Concen: 4.163 ng/ul
 RT: 27.55 min Scan# 4792
 Delta R.T. 0.02 min
 Lab File: BE097845.D
 Acq: 11 Oct 2018 1:49

Instrument :
 BNA_E
 ClientSampleId :
 JLC47

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	14.3	21.5
277	24.2	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:59 PM

