

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097883.D
 Acq On : 12 Oct 2018 12:19
 Operator : SJ/JU
 Sample : J5183-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC29

Manual Integrations
 APPROVED

Sohil
 10/15/2018 3:55:32 PM

Quant Time: Oct 12 17:07:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 15:27:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2701	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11086	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	8036m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	14867m	0.40	ng/ul	0.01
16) Chrysene-d12	21.53	240	16449m	0.40	ng/ul	0.04
20) Perylene-d12	24.15	264	13755m	0.40	ng/ul	0.09
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	9882	0.52	ng/ul	0.00
14) Fluoranthene-d10	19.36	212	13273m	0.28	ng/ul	0.02
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	299218	11.092	ng/ul#	47
5) 2-Methylnaphthalene	12.38	142	443424	22.723	ng/ul	99
7) Acenaphthylene	14.28	152	24013	0.790	ng/ul#	1
8) Acenaphthene	14.63	153	28943	1.227	ng/ul	93
9) Fluorene	15.62	166	35003	1.137	ng/ul#	70
11) Pentachlorophenol	16.98	266	9916m	4.731	ng/ul	
12) Phenanthrene	17.37	178	230498m	6.549	ng/ul	
13) Anthracene	17.46	178	33318m	1.022	ng/ul	
15) Fluoranthene	19.39	202	406286m	8.988	ng/ul	
17) Pyrene	19.76	202	624618	12.747	ng/ul	99
18) Benzo(a)anthracene	21.51	228	219664m	4.417	ng/ul	
19) Chrysene	21.57	228	488611m	10.934	ng/ul	
21) Benzo(b)fluoranthene	23.34	252	600066m	16.323	ng/ul	
22) Benzo(k)fluoranthene	23.37	252	195140m	4.959	ng/ul	
23) Benzo(a)pyrene	24.03	252	376749m	10.438	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.91	276	380287	9.281	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.93	278	88835	2.623	ng/ul#	25
26) Benzo(g,h,i)perylene	27.77	276	599518	16.793	ng/ul#	93

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

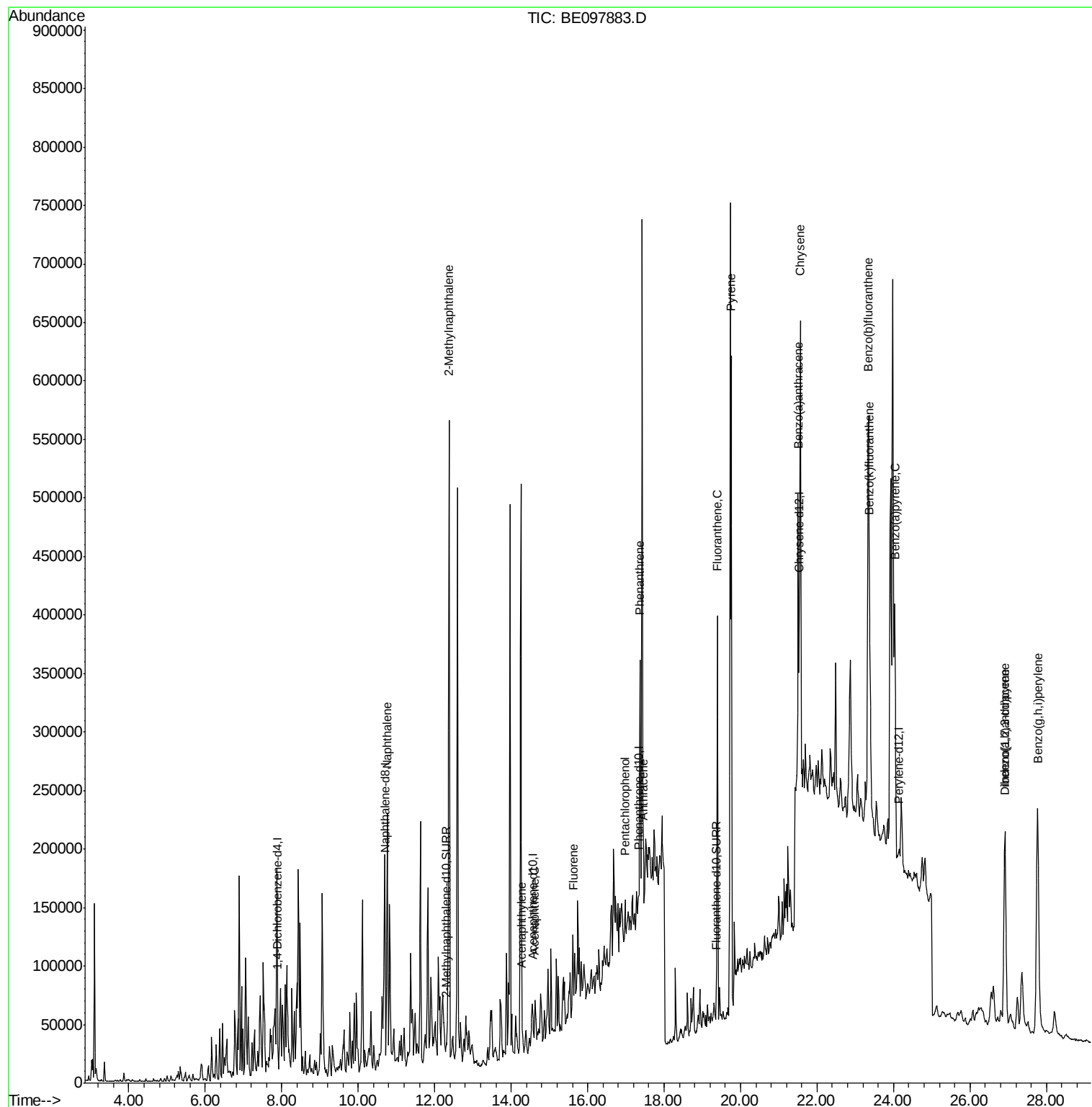
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
Data File : BE097883.D
Acq On : 12 Oct 2018 12:19
Operator : SJ/JU
Sample : J5183-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

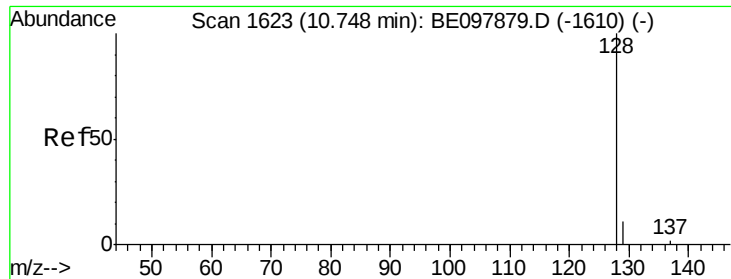
Instrument :
BNA_E
ClientSampled :
JLC29

Quant Time: Oct 12 17:07:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 15:27:33 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:32 PM





#3

Naphthalene

Concen: 11.092 ng/ul

RT: 10.76 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampleId :

JLC29

Tgt Ion:128 Resp: 299218

Ion Ratio Lower Upper

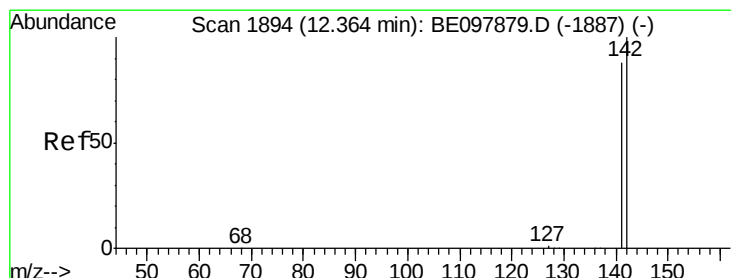
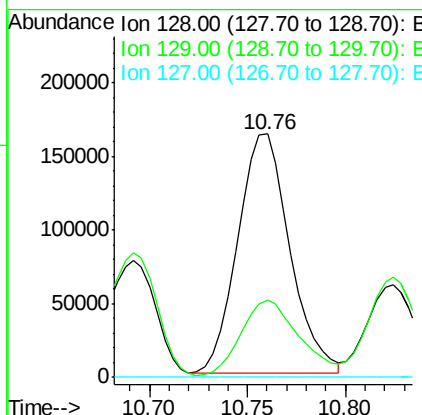
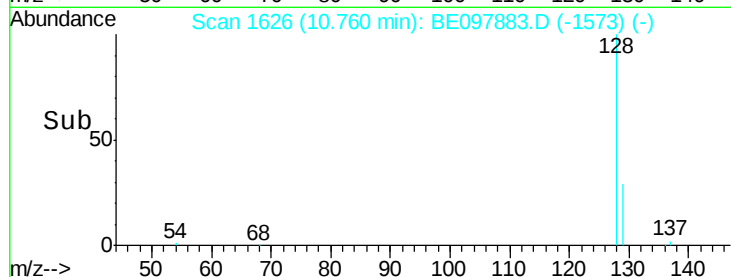
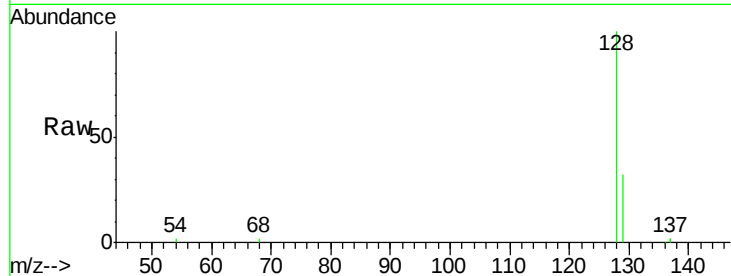
128 100

129 31.8 9.1 13.7#

127 0.0 0.0 0.0

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:32 PM



#5

2-Methylnaphthalene

Concen: 22.723 ng/ul

RT: 12.38 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BE097883.D

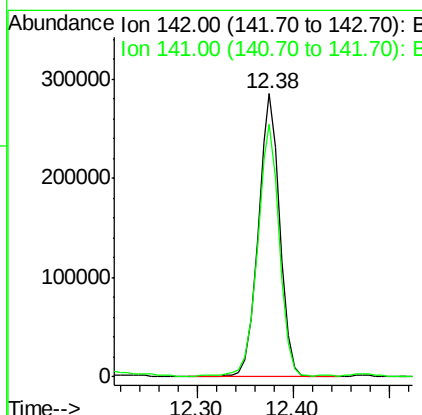
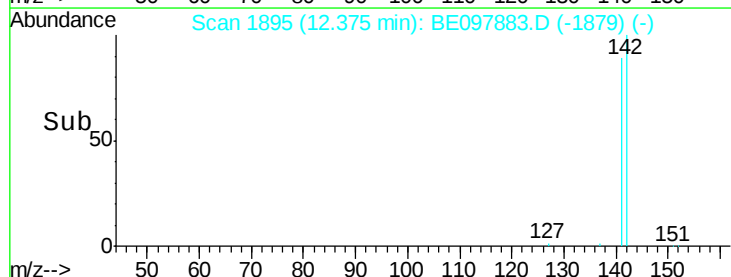
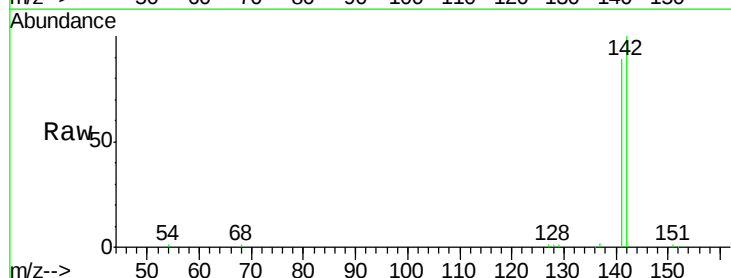
Acq: 12 Oct 2018 12:19

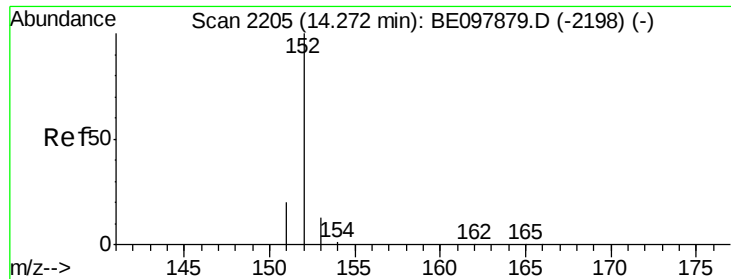
Tgt Ion:142 Resp: 443424

Ion Ratio Lower Upper

142 100

141 90.3 71.6 107.4





#7

Acenaphthylene

Concen: 0.790 ng/ul

RT: 14.28 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

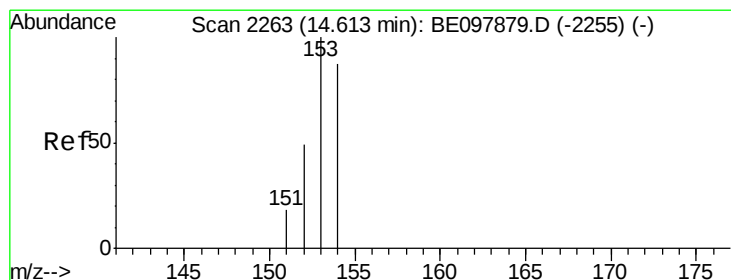
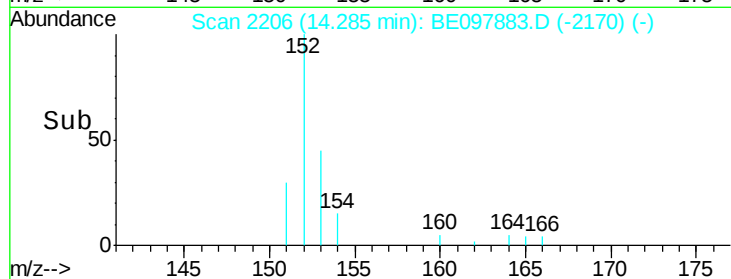
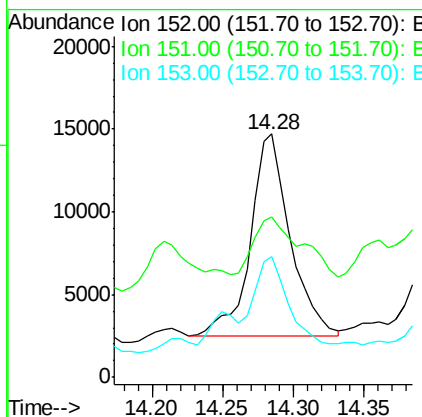
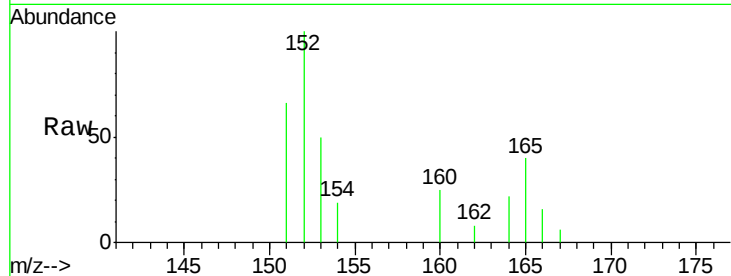
ClientSampleId :

JLC29

Tgt Ion:	152	Resp:	24013
Ion Ratio		Lower	Upper
152	100		
151	66.0	15.0	22.6#
153	49.9	10.5	15.7#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:32 PM



#8

Acenaphthene

Concen: 1.227 ng/ul

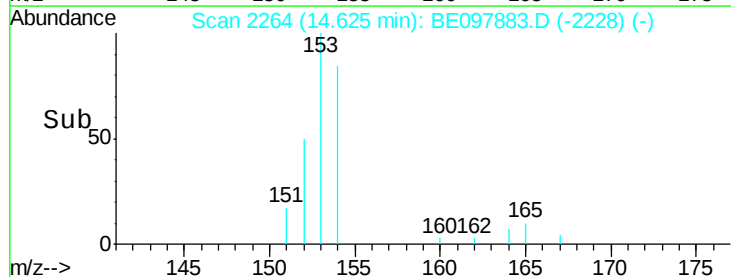
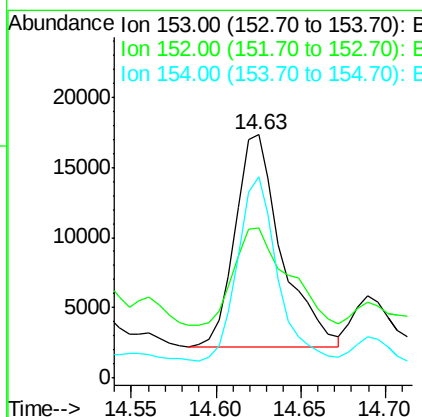
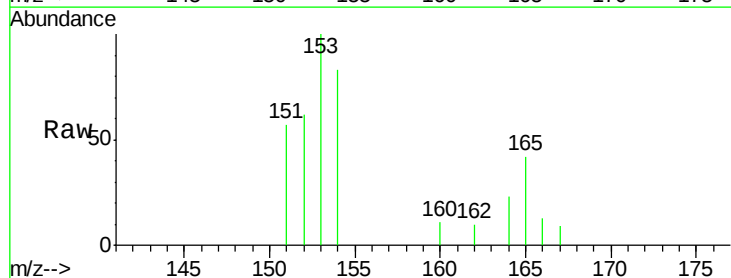
RT: 14.63 min Scan# 2264

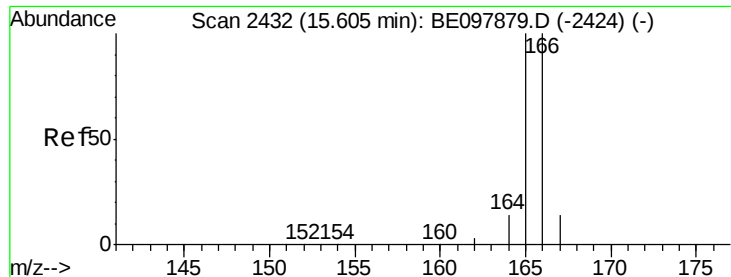
Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	153	Resp:	28943
Ion Ratio		Lower	Upper
153	100		
152	61.6	41.2	61.8
154	82.8	68.6	103.0





#9

Fluorene

Concen: 1.137 ng/ul

RT: 15.62 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

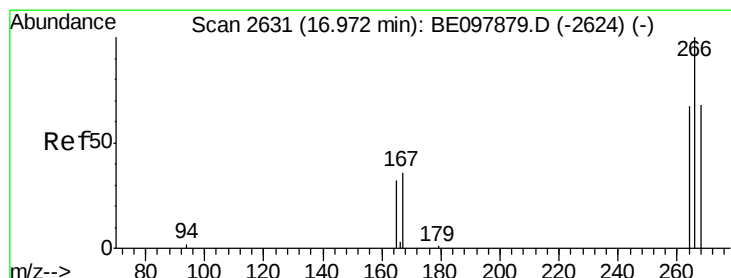
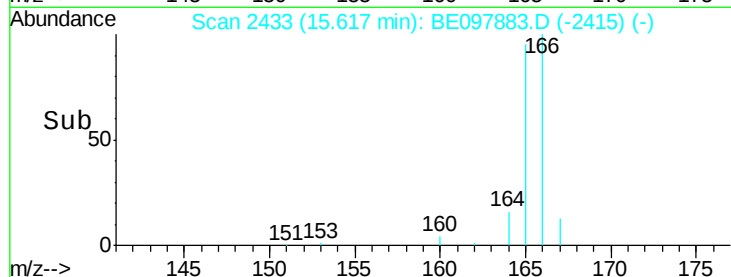
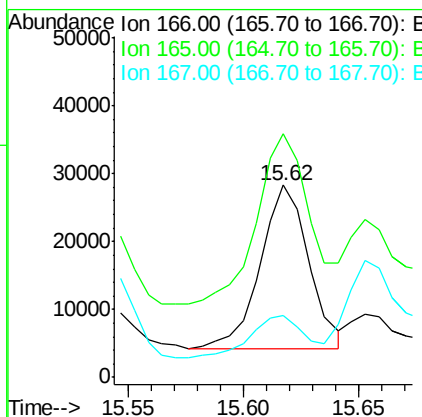
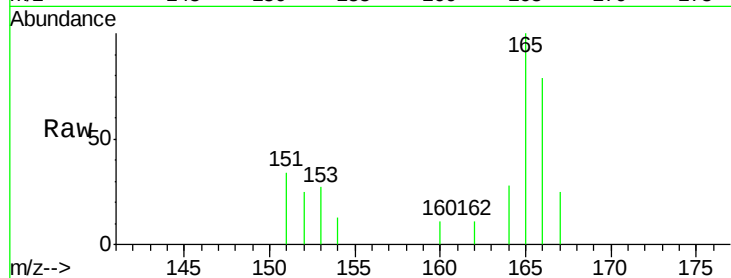
ClientSampleId :

JLC29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	126.9	79.2	118.8#
167	31.9	11.3	16.9#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:32 PM



#11

Pentachlorophenol

Concen: 4.731 ng/ul m

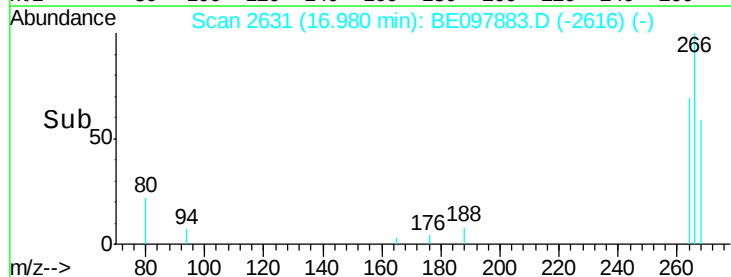
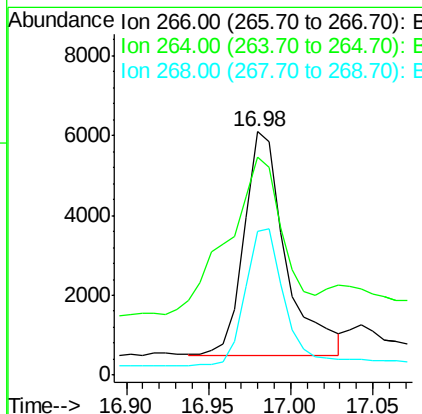
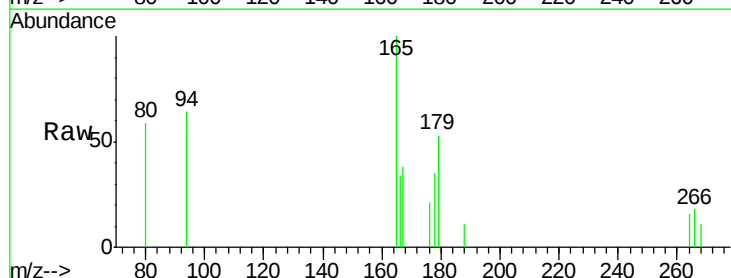
RT: 16.98 min Scan# 2631

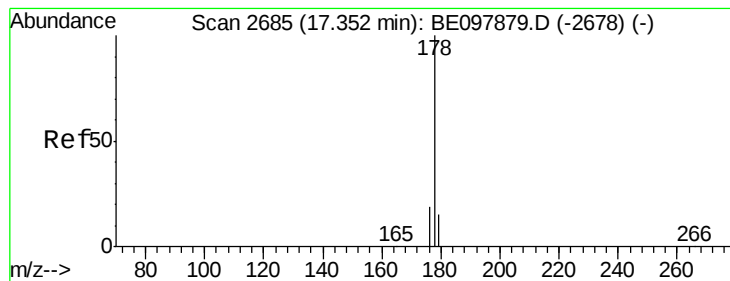
Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.8	74.8#
268	5.2	48.4	72.6#





#12

Phenanthrene

Concen: 6.549 ng/ul m

RT: 17.37 min Scan# 2686

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampleId :

JLC29

Tgt Ion:178 Resp: 230498

Ion Ratio Lower Upper

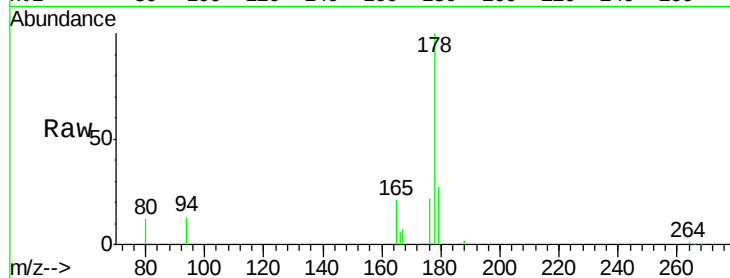
178 100

179 26.7 12.8 19.2#

176 22.3 14.9 22.3

Manual Integrations
APPROVED

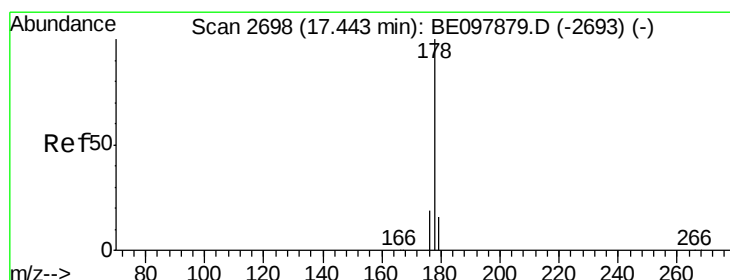
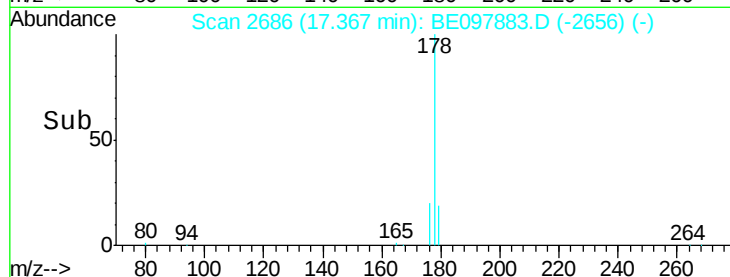
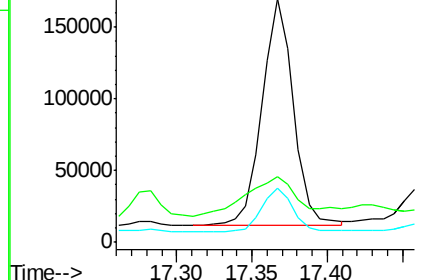
Sohil
10/15/2018 3:55:32 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 1.022 ng/ul m

RT: 17.46 min Scan# 2699

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Tgt Ion:178 Resp: 33318

Ion Ratio Lower Upper

178 100

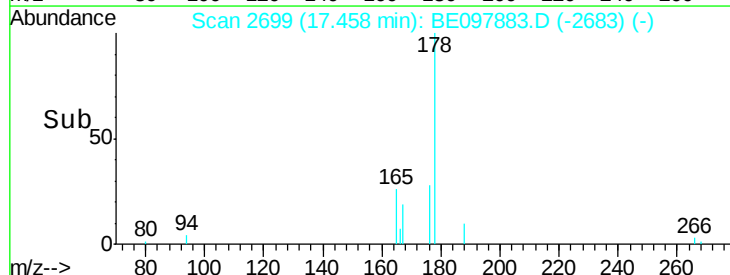
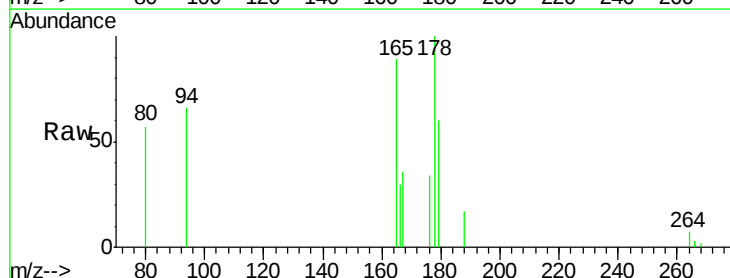
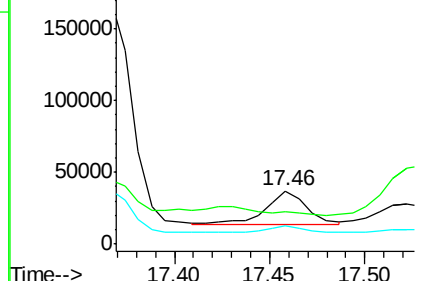
179 60.4 12.9 19.3#

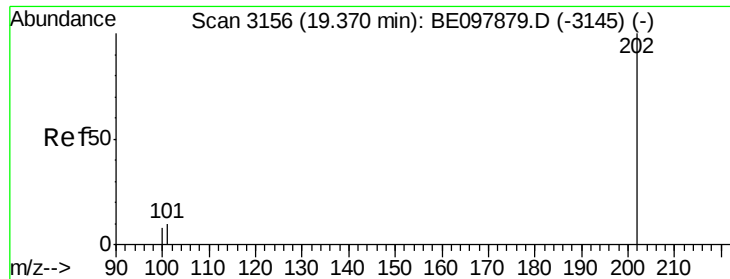
176 34.4 15.5 23.3#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





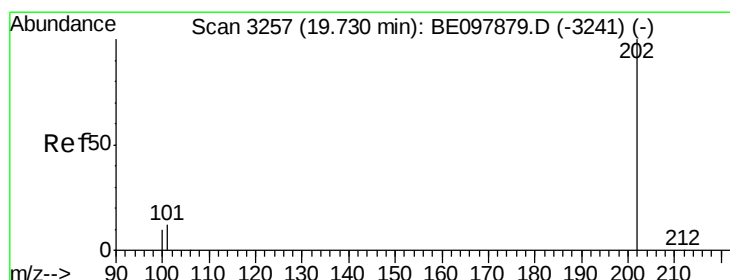
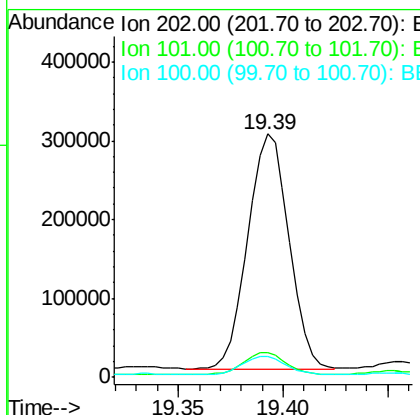
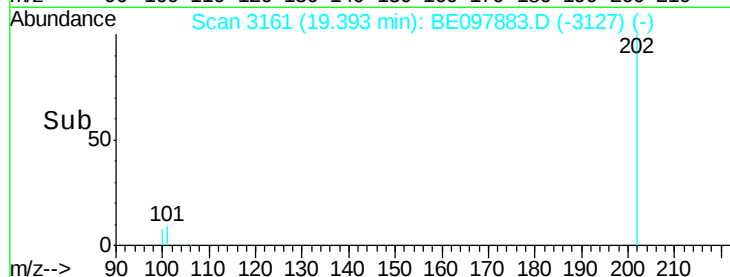
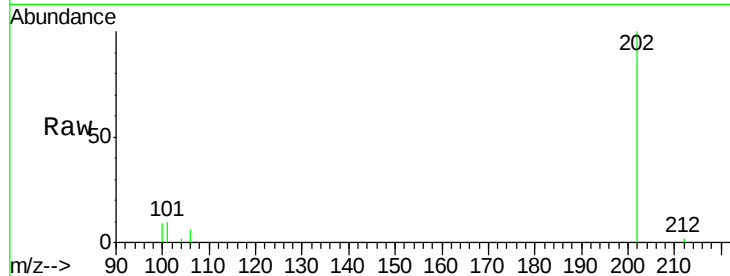
#15
Fluoranthene
 Concen: 8.988 ng/ul m
 RT: 19.39 min Scan# 3161
 Delta R.T. 0.02 min
 Lab File: BE097883.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_E
 ClientSampleId :
 JLC29

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	0.0	29.3
100	8.6	0.0	27.5

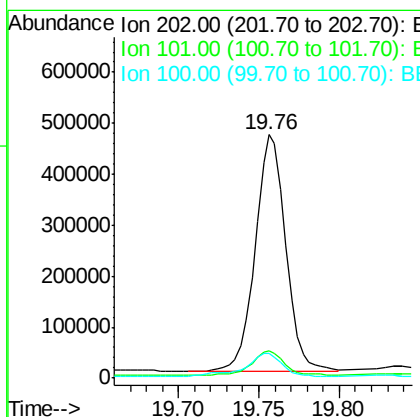
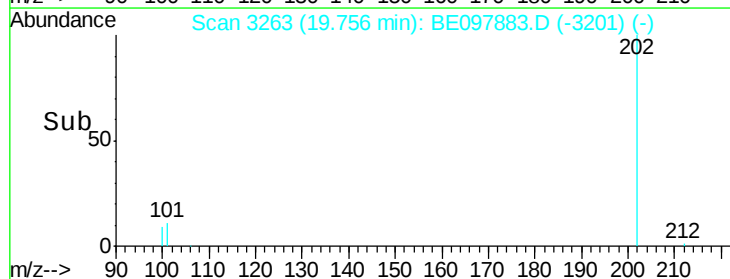
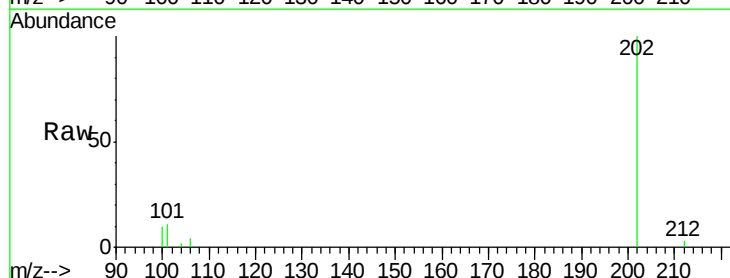
Manual Integrations
 APPROVED

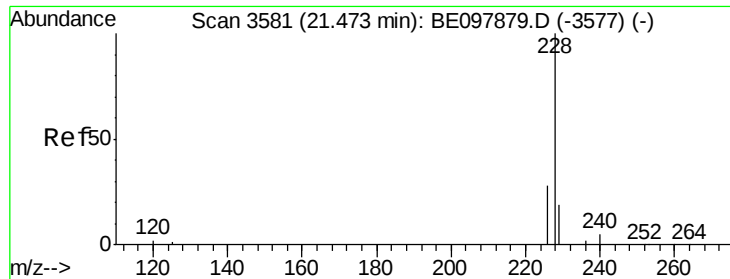
Sohil
 10/15/2018 3:55:32 PM



#17
Pyrene
 Concen: 12.747 ng/ul
 RT: 19.76 min Scan# 3263
 Delta R.T. 0.02 min
 Lab File: BE097883.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	8.8	13.2
100	10.1	7.9	11.9





#18

Benzo(a)anthracene

Concen: 4.417 ng/ul m

RT: 21.51 min Scan# 3585

Delta R.T. 0.03 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampleId :

JLC29

Tgt Ion:228 Resp: 219664
Ion Ratio Lower Upper

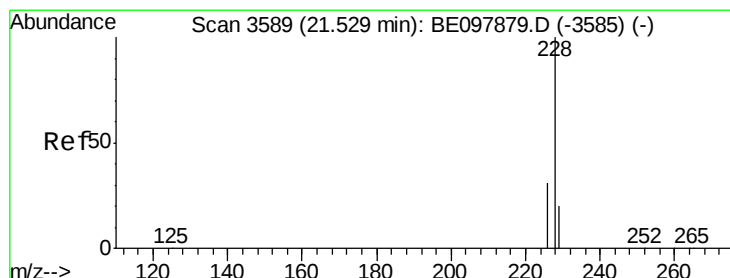
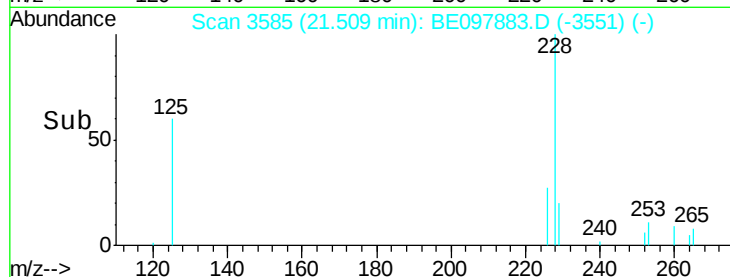
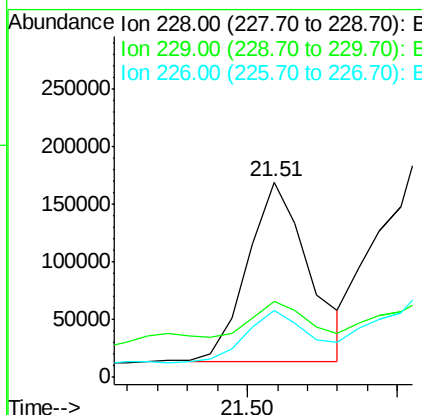
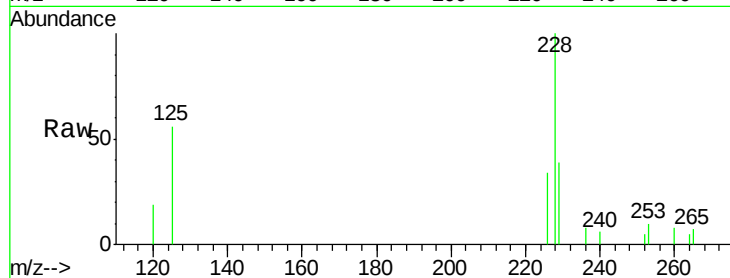
228 100

229 38.6 16.4 24.6#

226 34.0 21.5 32.3#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:32 PM



#19

Chrysene

Concen: 10.934 ng/ul m

RT: 21.57 min Scan# 3593

Delta R.T. 0.03 min

Lab File: BE097883.D

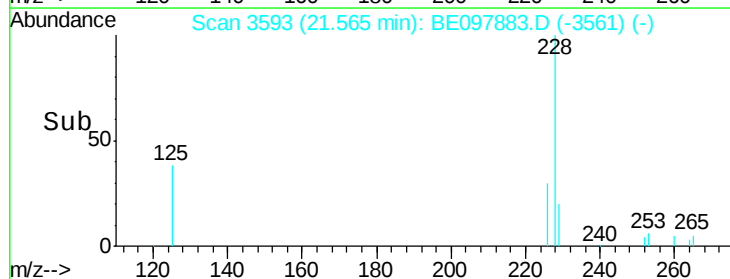
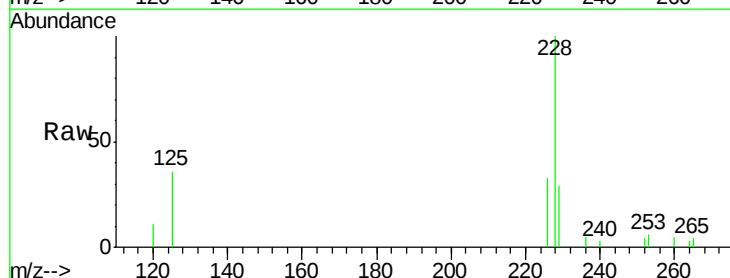
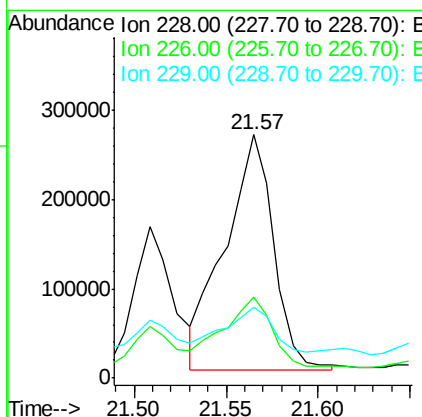
Acq: 12 Oct 2018 12:19

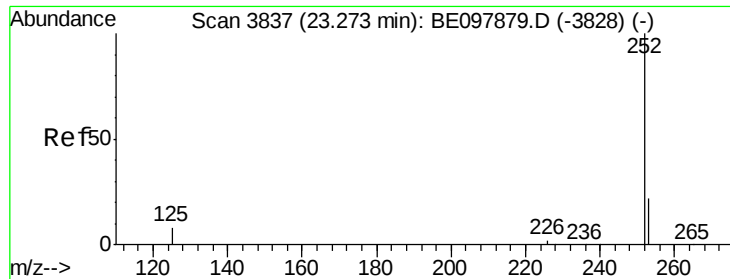
Tgt Ion:228 Resp: 488611
Ion Ratio Lower Upper

228 100

226 33.4 23.0 34.4

229 29.0 15.5 23.3#





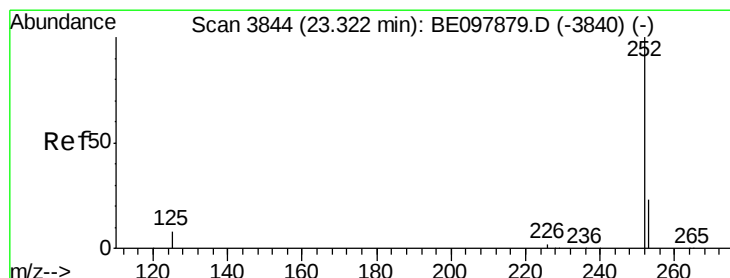
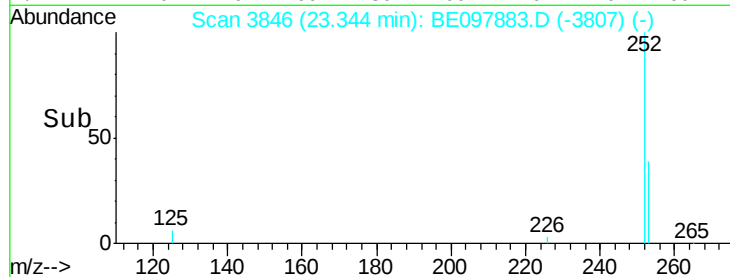
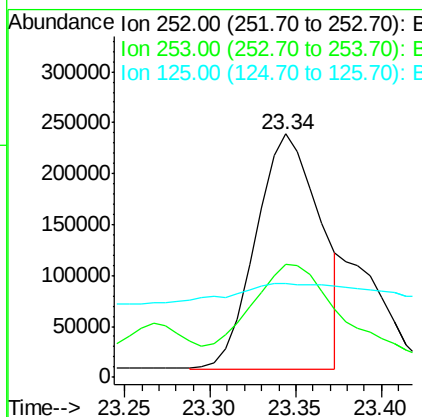
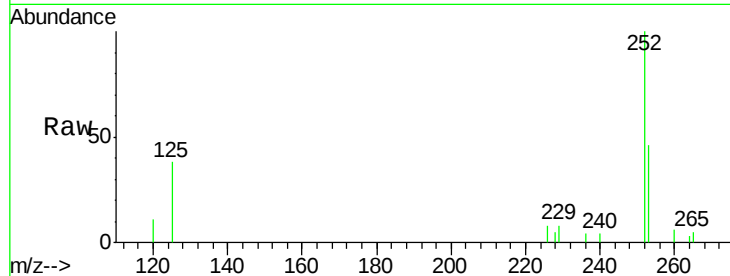
#21
Benzo(b)fluoranthene
Concen: 16.323 ng/ul m
RT: 23.34 min Scan# 3846
Delta R.T. 0.07 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_E
ClientSampleId :
JLC29

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	46.3	0.0	47.0
125	38.4	0.0	18.2#

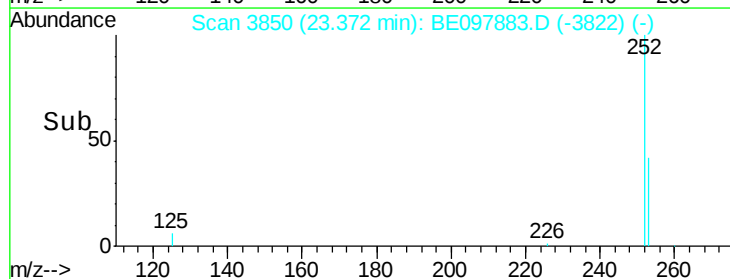
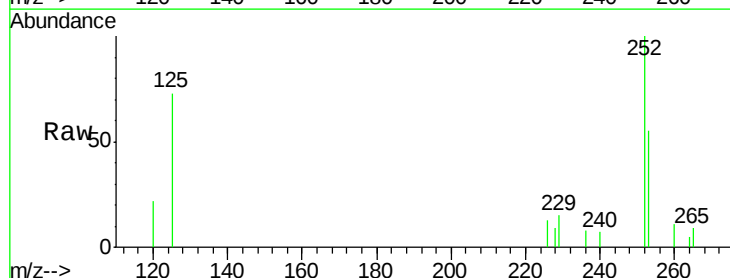
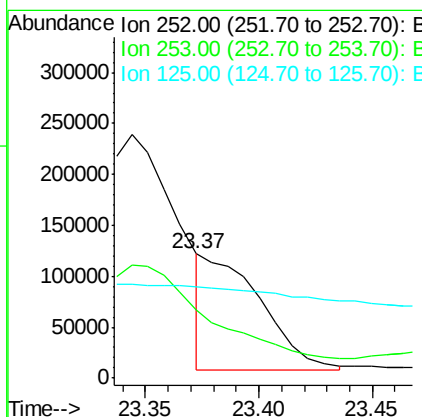
Manual Integrations
APPROVED

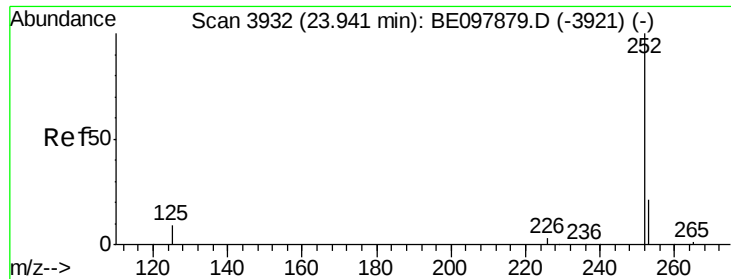
Sohil
10/15/2018 3:55:32 PM



#22
Benzo(k)fluoranthene
Concen: 4.959 ng/ul m
RT: 23.37 min Scan# 3850
Delta R.T. 0.04 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	55.0	17.8	26.6#
125	73.0	9.4	14.0#





#23

Benzo(a)pyrene

Concen: 10.438 ng/ul m

RT: 24.03 min Scan# 3944

Delta R.T. 0.09 min

Lab File: BE097883.D

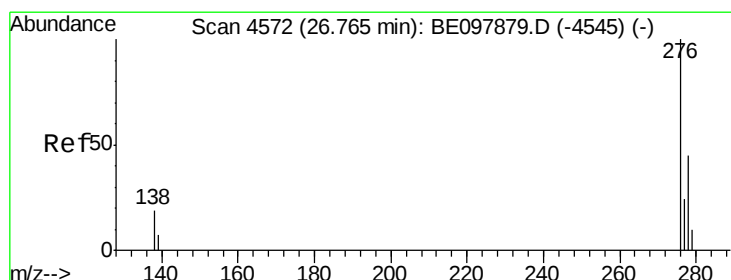
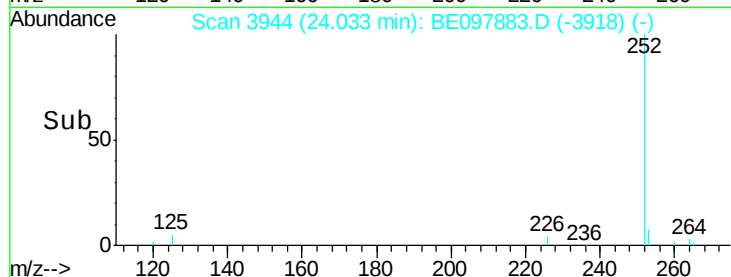
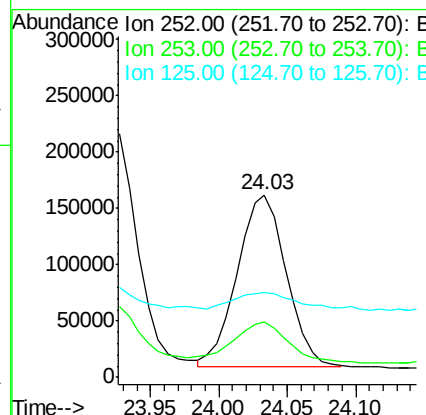
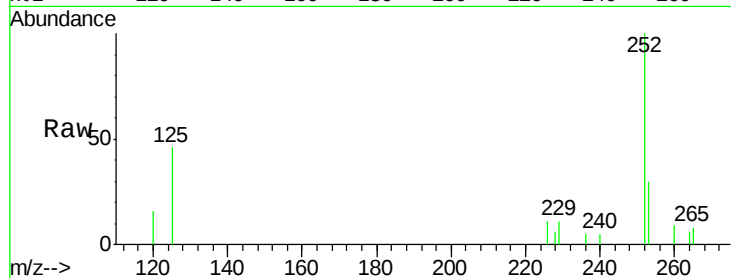
Acq: 12 Oct 2018 12:19

Instrument :
BNA_E
ClientSampleId :
JLC29

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	30.2	18.2	27.4#
125	46.2	8.3	12.5#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:32 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 9.281 ng/ul

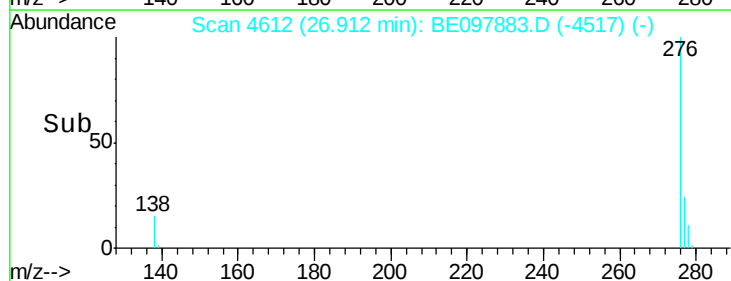
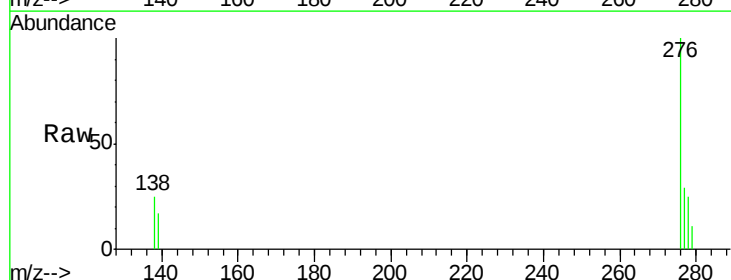
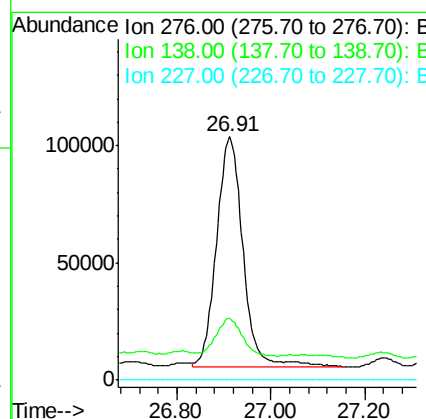
RT: 26.91 min Scan# 4612

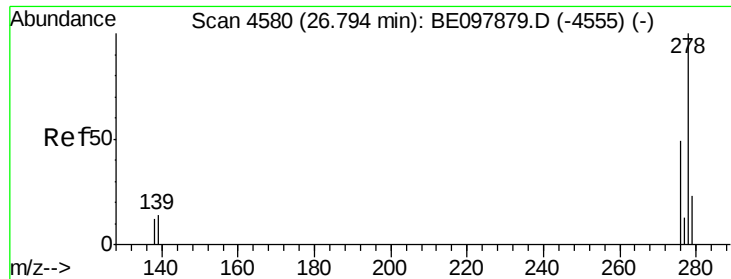
Delta R.T. 0.14 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.7	0.0	0.0#
227	0.0	0.0	0.0





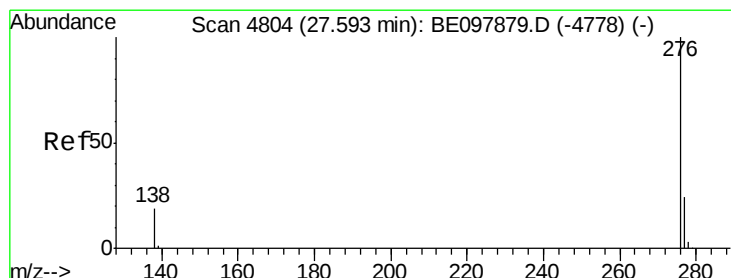
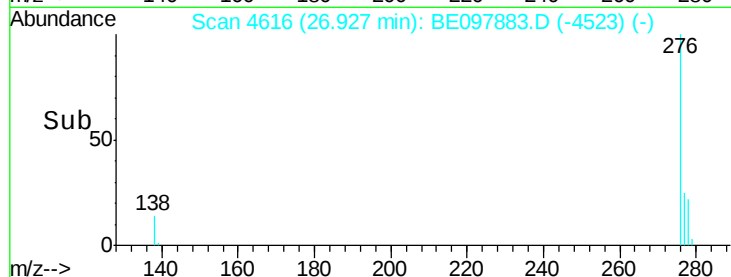
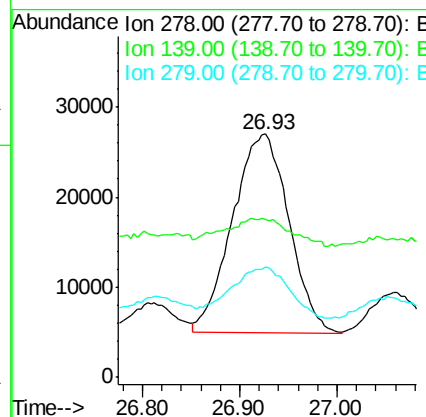
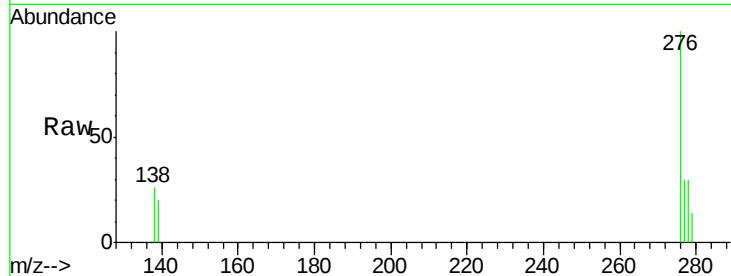
#25
Dibenzo(a,h)anthracene
Concen: 2.623 ng/ul
RT: 26.93 min Scan# 4616
Delta R.T. 0.13 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_E
ClientSampleId :
JLC29

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	64.8	10.9	16.3#
279	45.6	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:32 PM



#26
Benzo(g,h,i)perylene
Concen: 16.793 ng/ul
RT: 27.77 min Scan# 4852
Delta R.T. 0.17 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.0	14.3	21.5#
277	27.2	19.5	29.3

