

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097881.D
 Acq On : 12 Oct 2018 11:04
 Operator : SJ/JU
 Sample : J5183-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC31

Manual Integrations
 APPROVED

Sohil
 10/15/2018 3:56:26 PM

Quant Time: Oct 12 15:00:49 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 04:56:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2361	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11980	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	8478	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	19078	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	18826	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	20910	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3154	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	9137	0.15	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	21220	0.728	ng/ul	99
5) 2-Methylnaphthalene	12.37	142	8082	0.383	ng/ul	98
7) Acenaphthylene	14.27	152	15320	0.478	ng/ul	95
8) Acenaphthene	14.61	153	28253	1.135	ng/ul	98
9) Fluorene	15.61	166	29180	0.898	ng/ul	99
11) Pentachlorophenol	16.97	266	2759	1.026	ng/ul	97
12) Phenanthrene	17.35	178	543475	12.033	ng/ul	98
13) Anthracene	17.45	178	116919	2.794	ng/ul	100
15) Fluoranthene	19.37	202	1318562	22.732	ng/ul	96
17) Pyrene	19.74	202	1355813	24.175	ng/ul	97
18) Benzo(a)anthracene	21.48	228	1193102	20.960	ng/ul	97
19) Chrysene	21.54	228	1661750	32.492	ng/ul	95
21) Benzo(b)fluoranthene	23.29	252	1927004m	34.482	ng/ul	
22) Benzo(k)fluoranthene	23.34	252	598733m	10.009	ng/ul	
23) Benzo(a)pyrene	23.97	252	876191	15.969	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.80	276	856036	13.744	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.82	278	232109	4.509	ng/ul#	91
26) Benzo(g,h,i)perylene	27.65	276	1016612	18.732	ng/ul	99

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

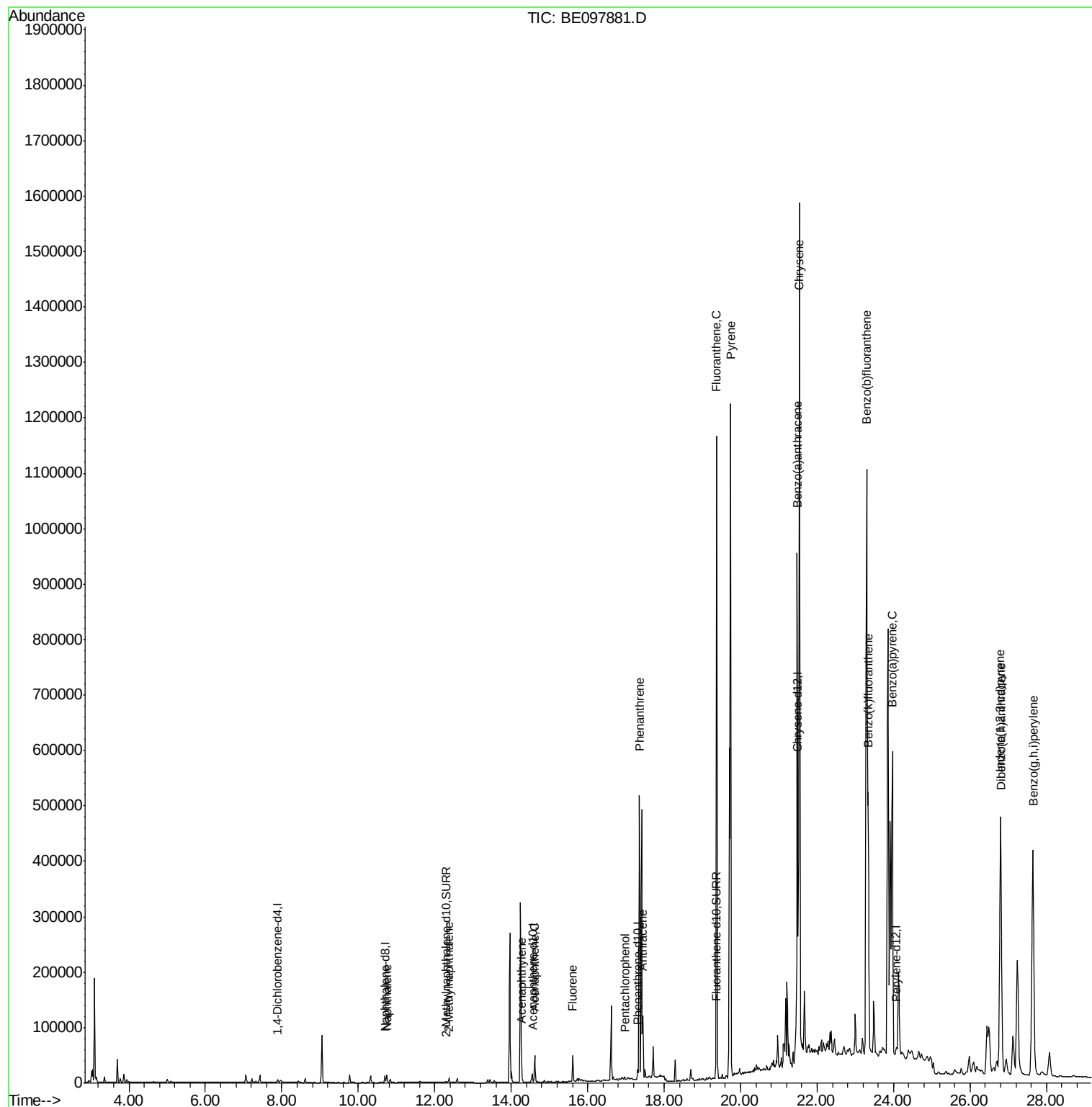
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
Data File : BE097881.D
Acq On : 12 Oct 2018 11:04
Operator : SJ/JU
Sample : J5183-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

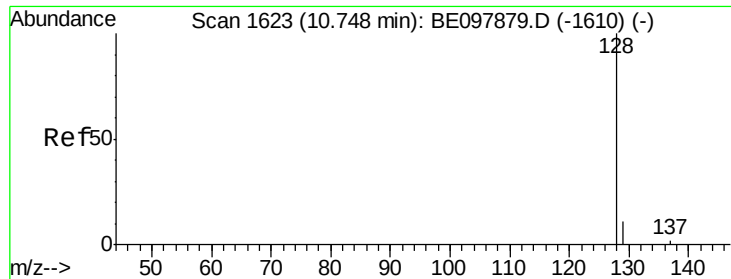
Instrument :
BNA_E
ClientSampled :
JLC31

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:26 PM

Quant Time: Oct 12 15:00:49 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 04:56:57 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.728 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Instrument :

BNA_E

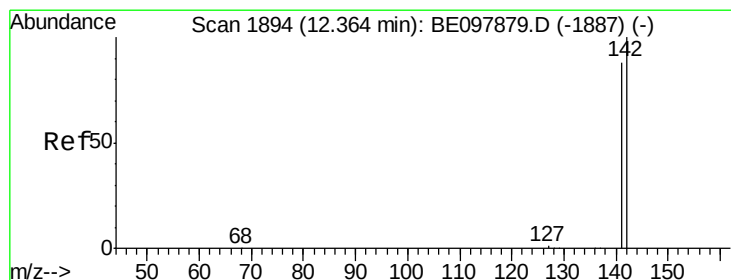
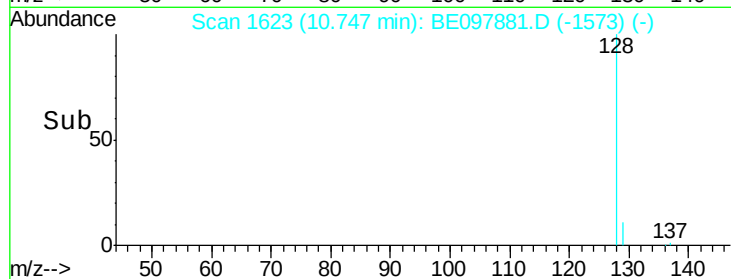
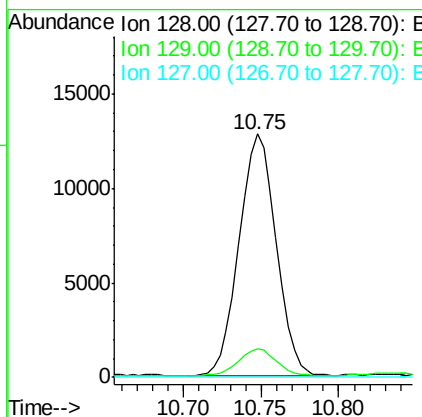
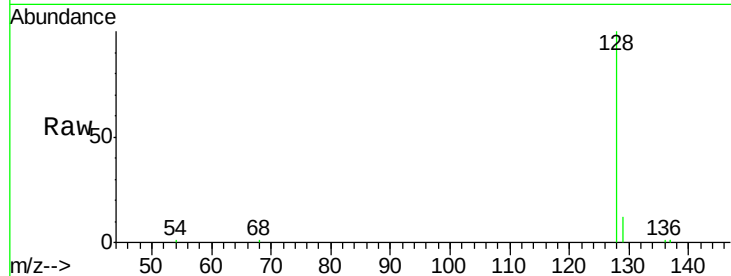
ClientSampleId :

JLC31

Tgt Ion:	128	Resp:	21220
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	0.0	0.0	0.0

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:26 PM



#5

2-Methylnaphthalene

Concen: 0.383 ng/ul

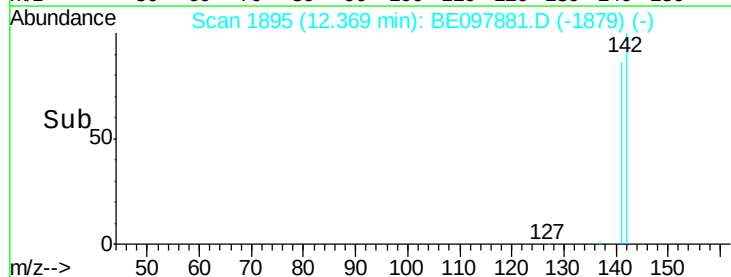
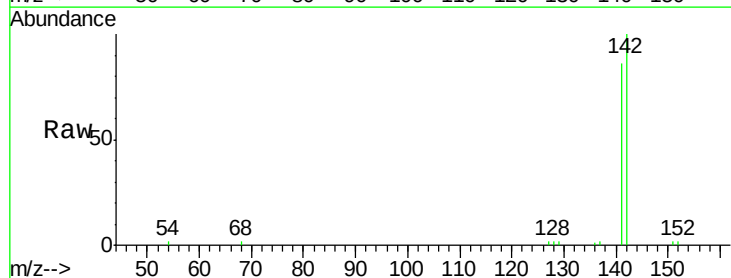
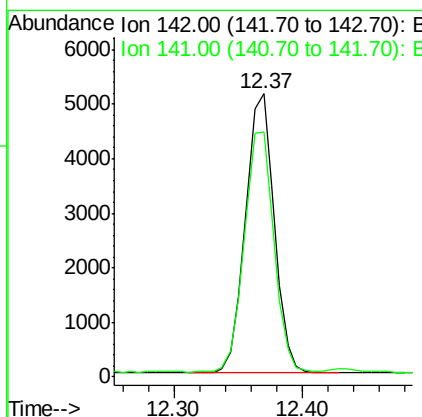
RT: 12.37 min Scan# 1895

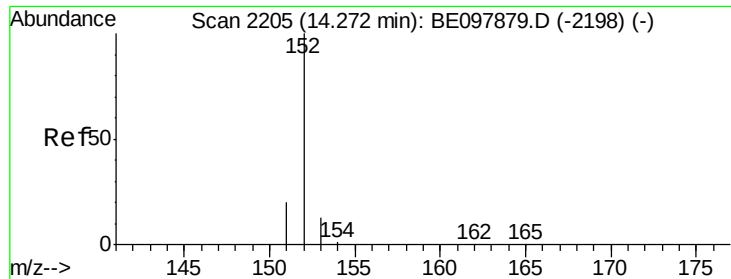
Delta R.T. 0.00 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Tgt Ion:	142	Resp:	8082
Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4





#7

Acenaphthylene

Concen: 0.478 ng/ul

RT: 14.27 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Instrument :

BNA_E

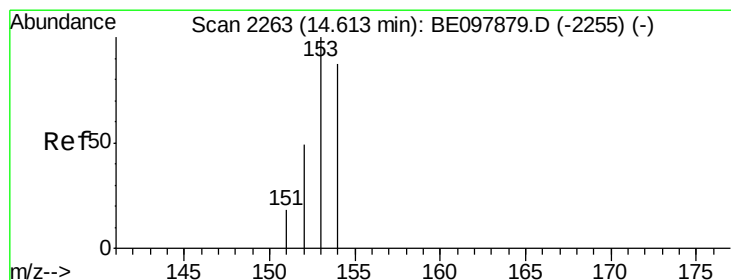
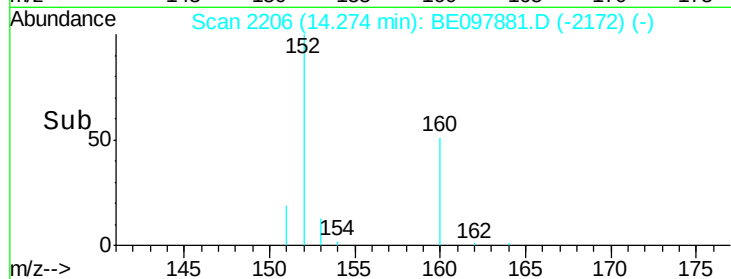
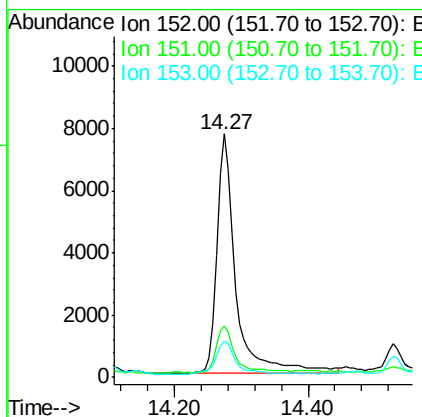
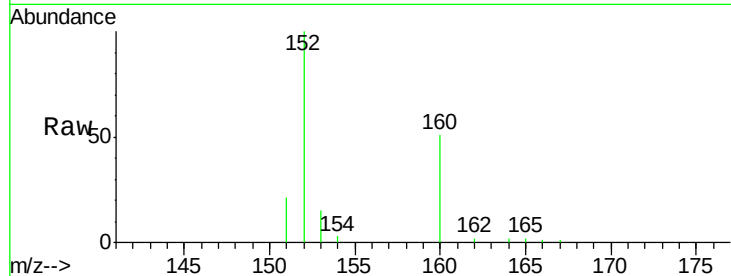
ClientSampleId :

JLC31

Tgt Ion:	152	Resp:	15320
Ion Ratio		Lower	Upper
152	100		
151	21.3	15.0	22.6
153	14.8	10.5	15.7

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:26 PM



#8

Acenaphthene

Concen: 1.135 ng/ul

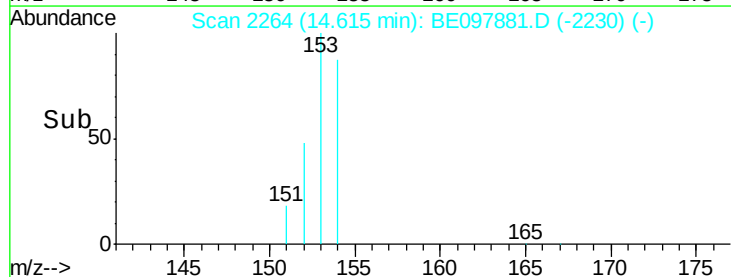
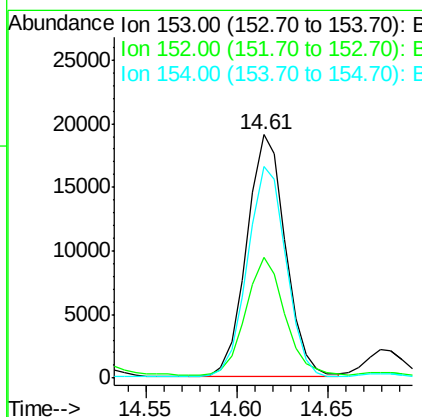
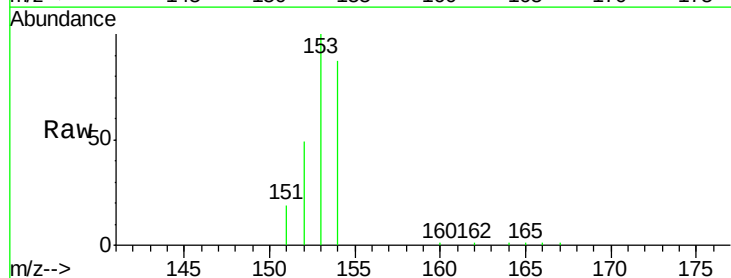
RT: 14.61 min Scan# 2264

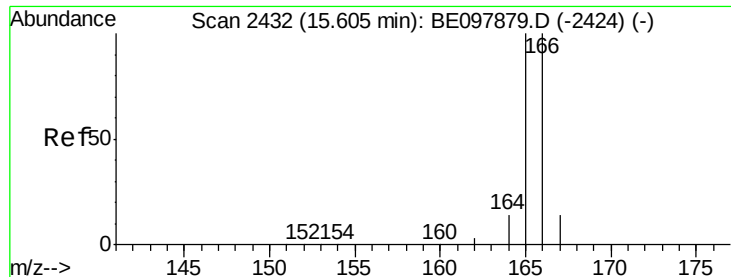
Delta R.T. 0.00 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Tgt Ion:	153	Resp:	28253
Ion Ratio		Lower	Upper
153	100		
152	49.5	41.2	61.8
154	86.8	68.6	103.0





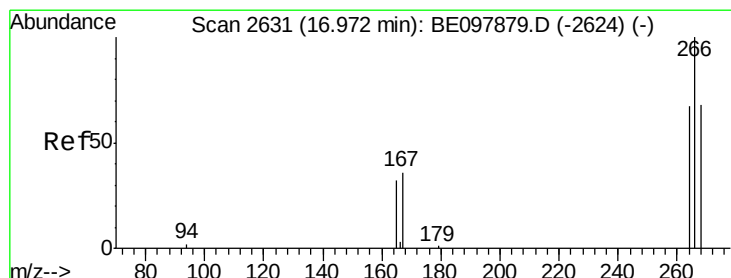
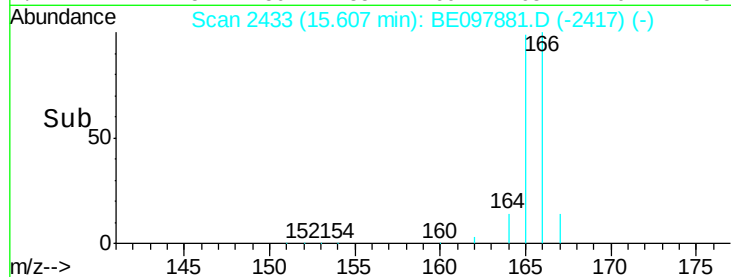
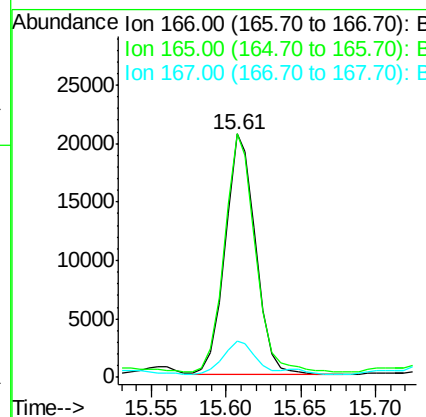
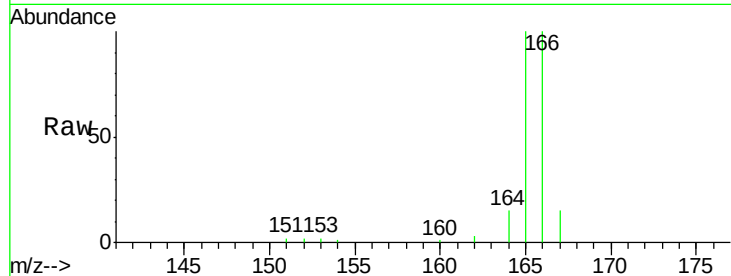
#9
Fluorene
 Concen: 0.898 ng/ul
 RT: 15.61 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BE097881.D
 Acq: 12 Oct 2018 11:04

Instrument :
 BNA_E
 ClientSampleId :
 JLC31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.2	118.8
167	14.9	11.3	16.9

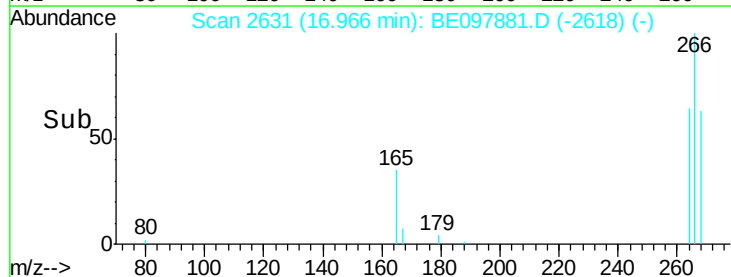
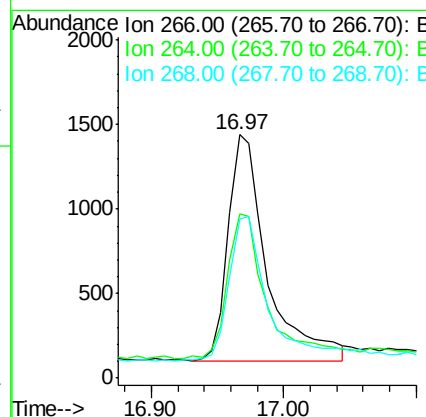
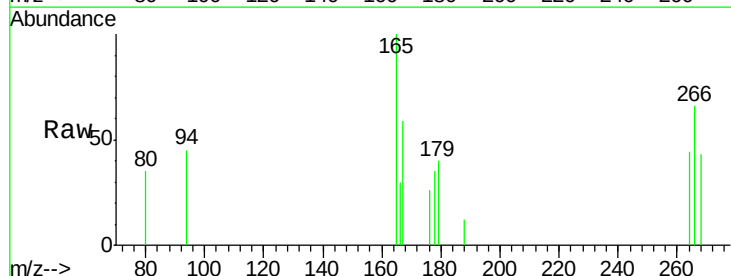
Manual Integrations
 APPROVED

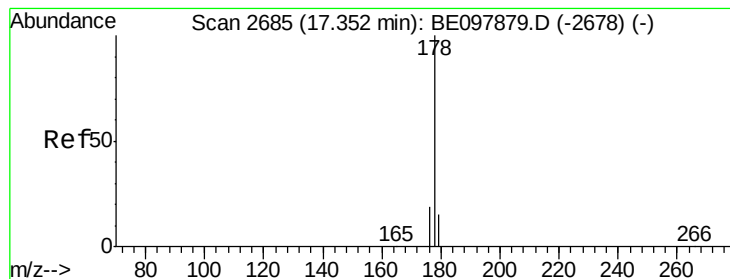
Sohil
 10/15/2018 3:56:26 PM



#11
Pentachlorophenol
 Concen: 1.026 ng/ul
 RT: 16.97 min Scan# 2631
 Delta R.T. -0.01 min
 Lab File: BE097881.D
 Acq: 12 Oct 2018 11:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.8	74.8
268	63.6	48.4	72.6





#12

Phenanthrene

Concen: 12.033 ng/ul

RT: 17.35 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Instrument :

BNA_E

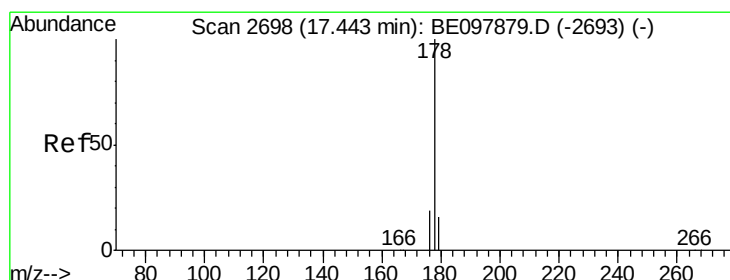
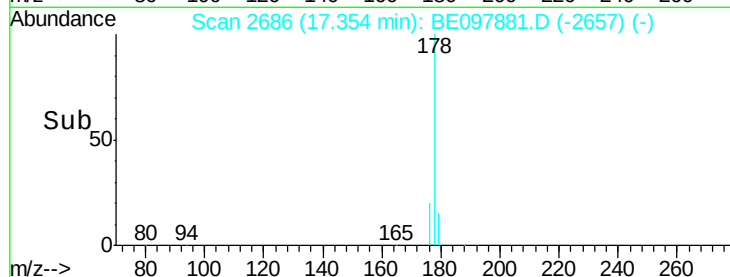
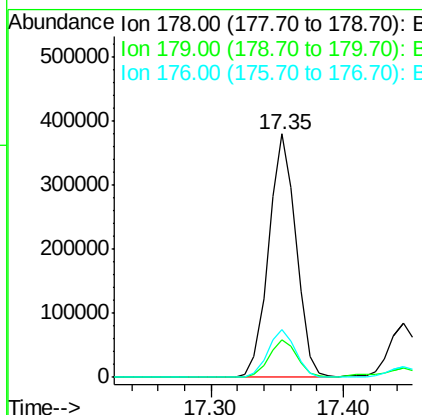
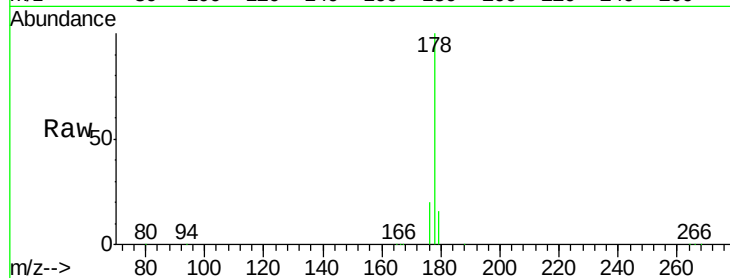
ClientSampleId :

JLC31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.7	14.9	22.3

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:26 PM



#13

Anthracene

Concen: 2.794 ng/ul

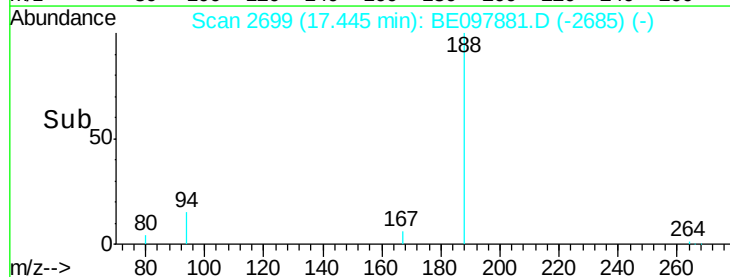
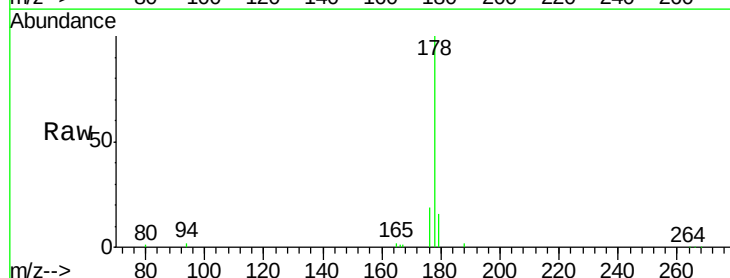
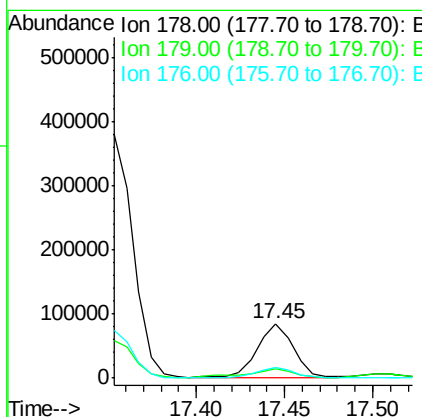
RT: 17.45 min Scan# 2699

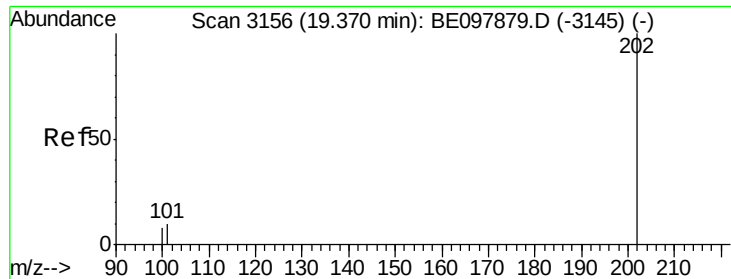
Delta R.T. 0.00 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.3	15.5	23.3





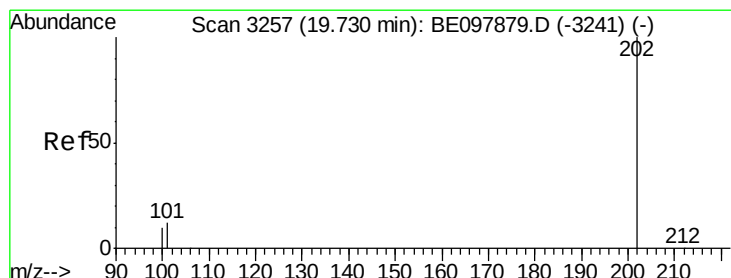
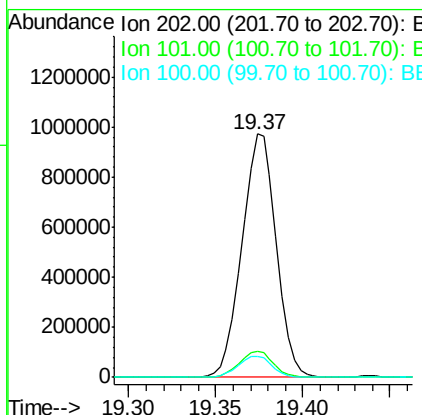
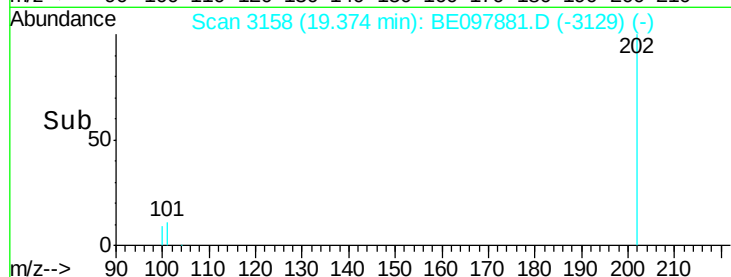
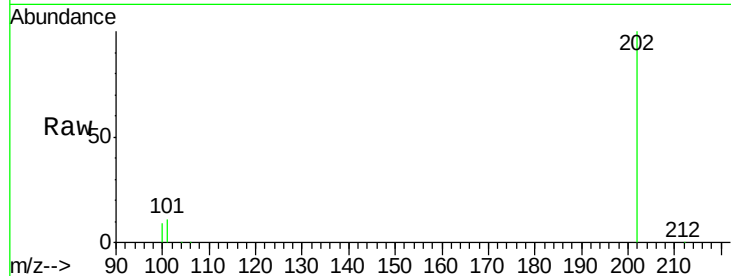
#15
Fluoranthene
Concen: 22.732 ng/ul
RT: 19.37 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE097881.D
Acq: 12 Oct 2018 11:04

Instrument :
BNA_E
ClientSampleId :
JLC31

Tgt Ion: 202 Resp: 1318562
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.3
100 8.8 0.0 27.5

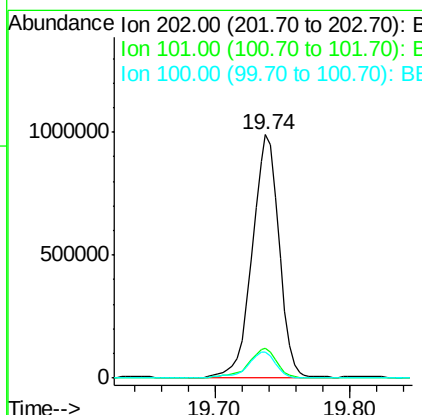
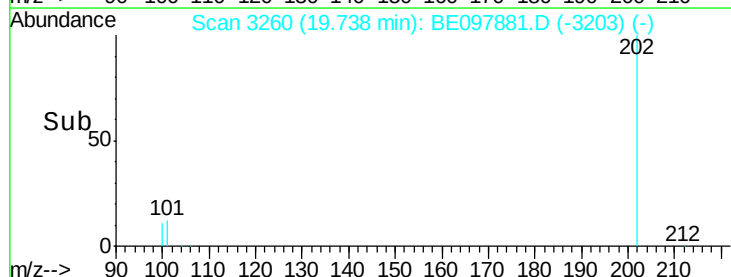
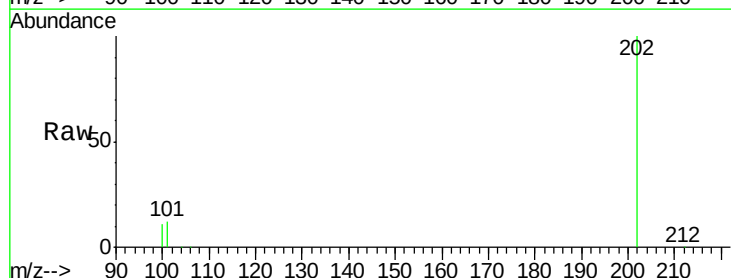
Manual Integrations
APPROVED

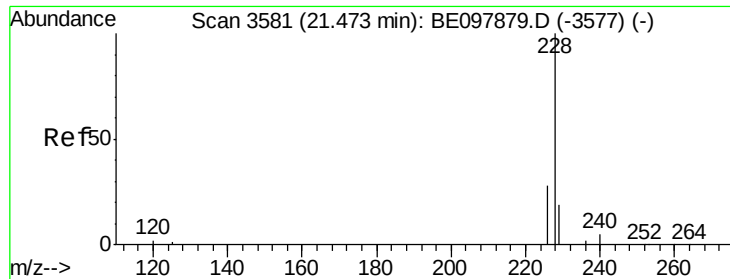
Sohil
10/15/2018 3:56:26 PM



#17
Pyrene
Concen: 24.175 ng/ul
RT: 19.74 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BE097881.D
Acq: 12 Oct 2018 11:04

Tgt Ion: 202 Resp: 1355813
Ion Ratio Lower Upper
202 100
101 12.2 8.8 13.2
100 10.7 7.9 11.9





#18

Benzo(a)anthracene

Concen: 20.960 ng/ul

RT: 21.48 min Scan# 3583

Delta R.T. 0.00 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Instrument :

BNA_E

ClientSampled :

JLC31

Tgt Ion:228 Resp: 1193102

Ion Ratio Lower Upper

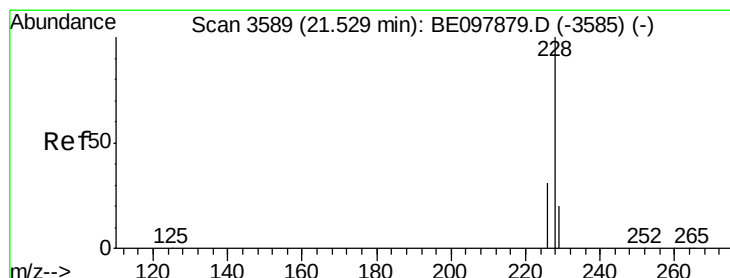
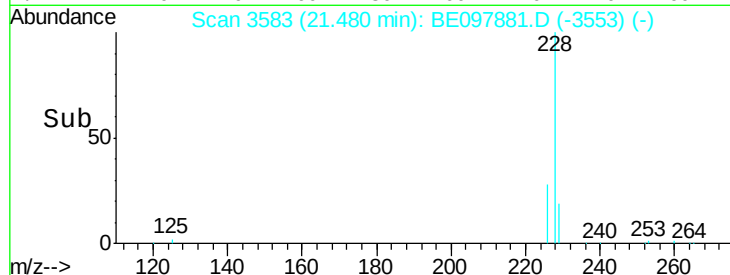
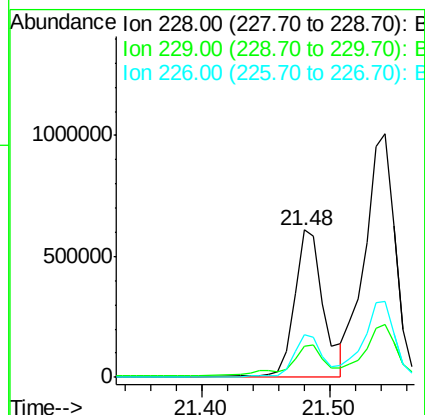
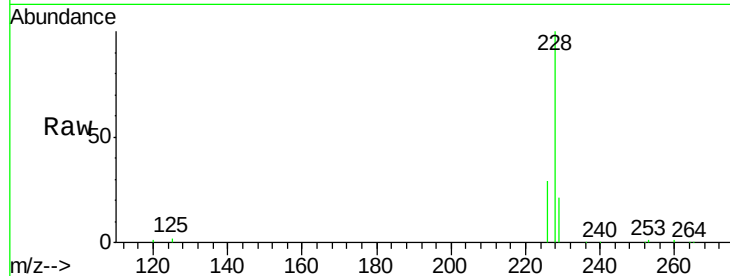
228 100

229 21.4 16.4 24.6

226 29.1 21.5 32.3

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:26 PM



#19

Chrysene

Concen: 32.492 ng/ul

RT: 21.54 min Scan# 3592

Delta R.T. 0.01 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

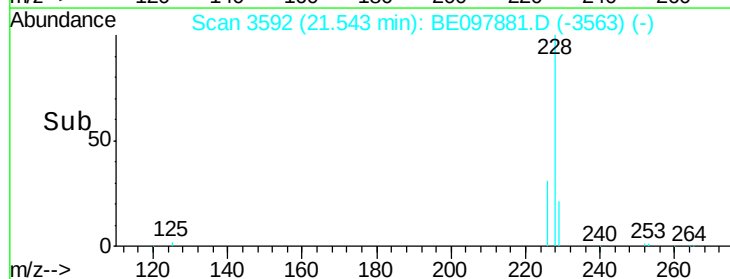
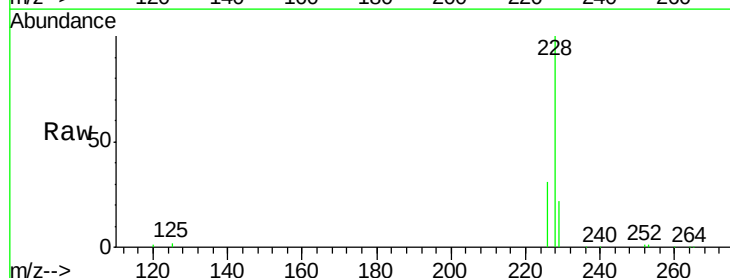
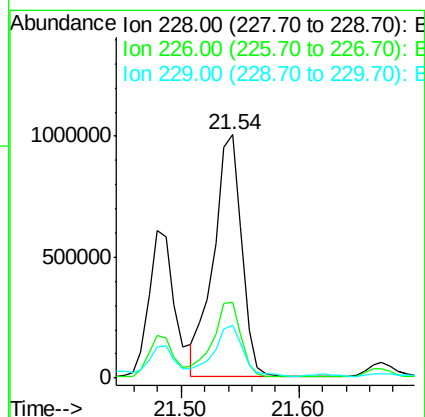
Tgt Ion:228 Resp: 1661750

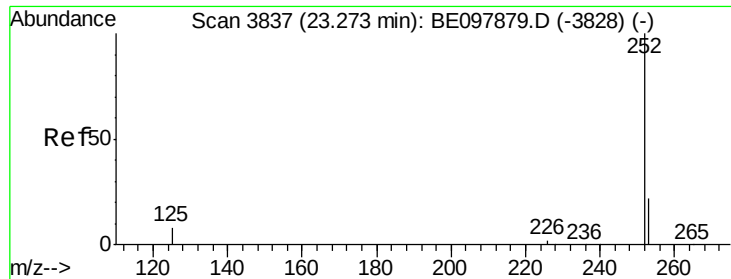
Ion Ratio Lower Upper

228 100

226 31.0 23.0 34.4

229 21.9 15.5 23.3





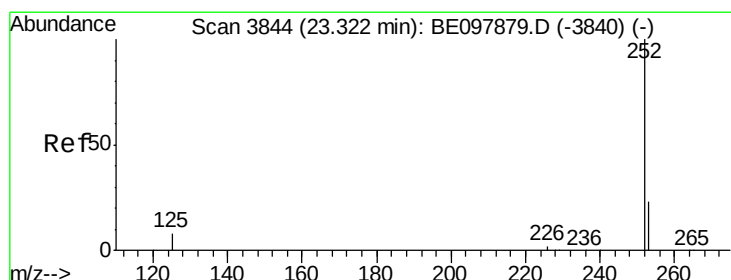
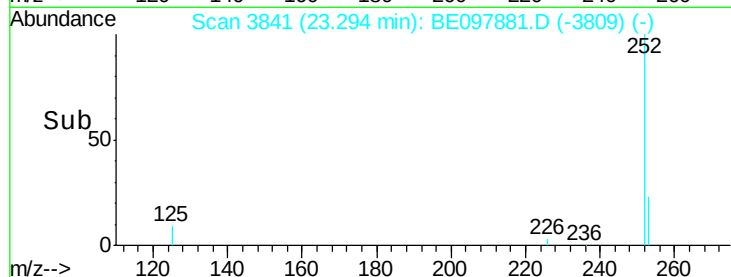
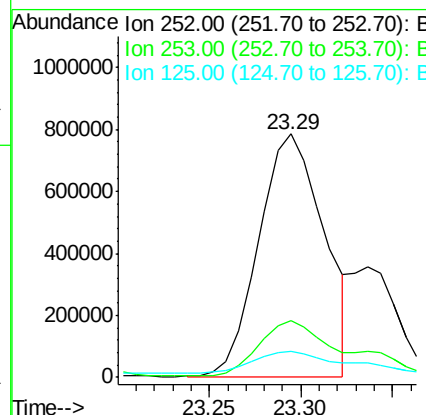
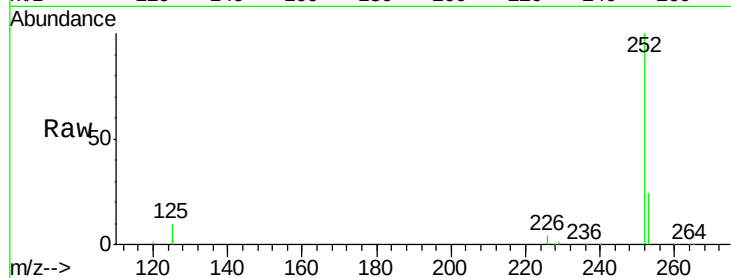
#21
Benzo(b)fluoranthene
Concen: 34.482 ng/ul m
RT: 23.29 min Scan# 3841
Delta R.T. 0.02 min
Lab File: BE097881.D
Acq: 12 Oct 2018 11:04

Instrument :
BNA_E
ClientSampleId :
JLC31

Tgt Ion:252 Resp: 1927004
Ion Ratio Lower Upper
252 100
253 23.5 0.0 47.0
125 10.4 0.0 18.2

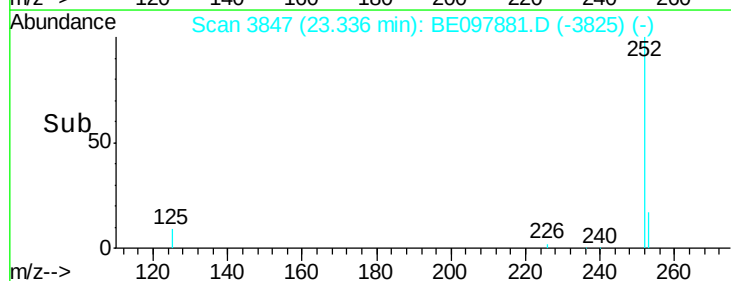
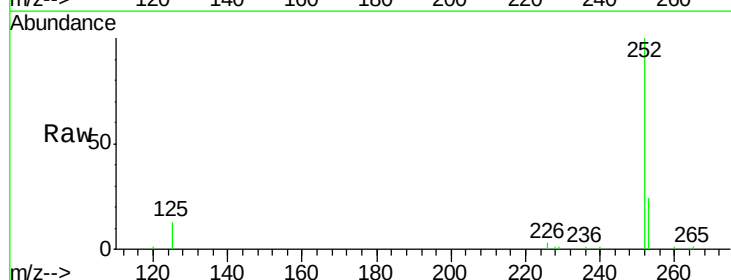
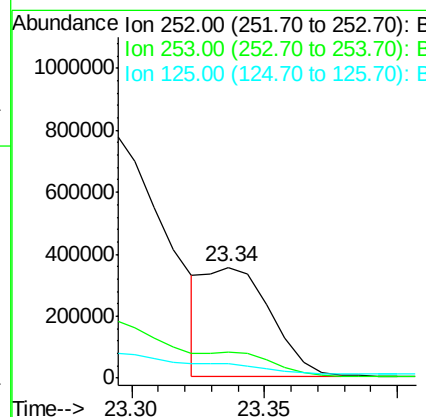
Manual Integrations
APPROVED

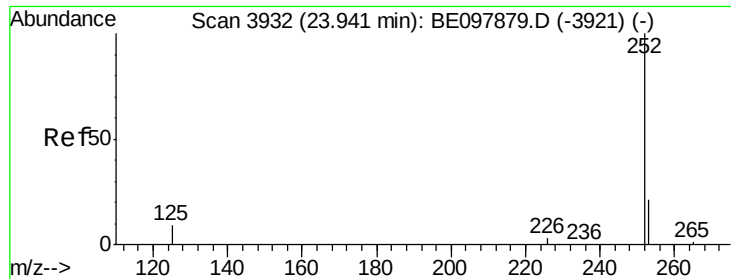
Sohil
10/15/2018 3:56:26 PM



#22
Benzo(k)fluoranthene
Concen: 10.009 ng/ul m
RT: 23.34 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BE097881.D
Acq: 12 Oct 2018 11:04

Tgt Ion:252 Resp: 598733
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 12.6 9.4 14.0





#23

Benzo(a)pyrene

Concen: 15.969 ng/ul

RT: 23.97 min Scan# 3937

Delta R.T. 0.02 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Instrument :

BNA_E

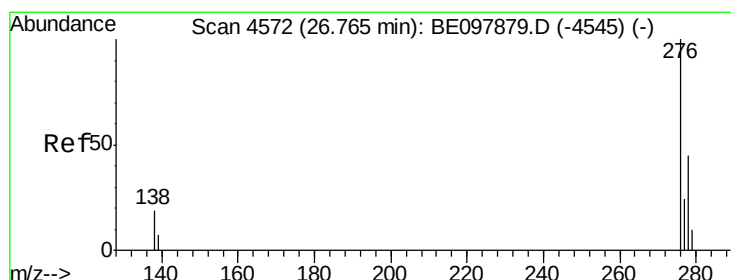
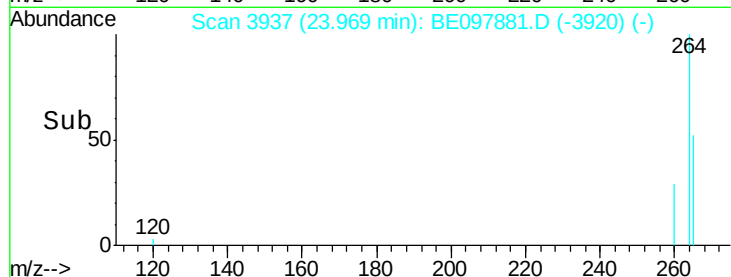
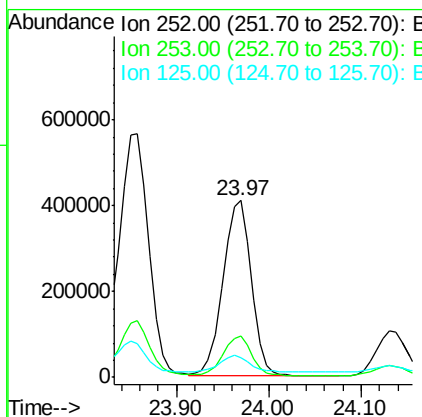
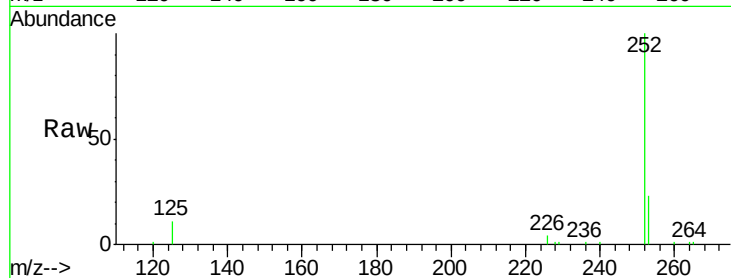
ClientSampled :

JLC31

Tgt Ion:	252	Resp:	876191
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	11.4	8.3	12.5

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:26 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 13.744 ng/ul

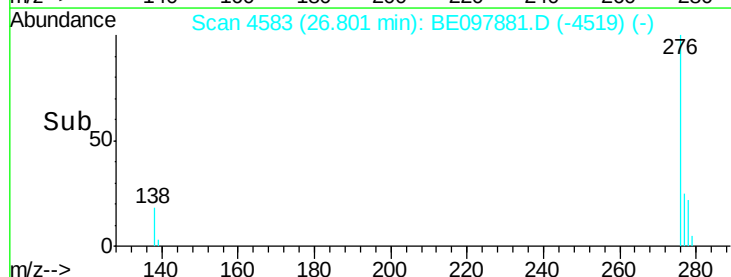
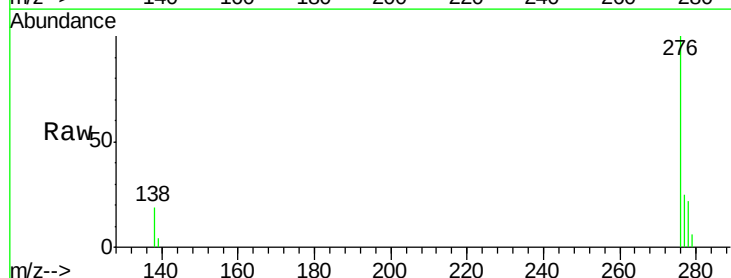
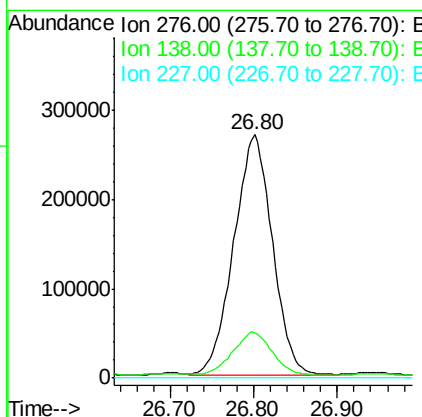
RT: 26.80 min Scan# 4583

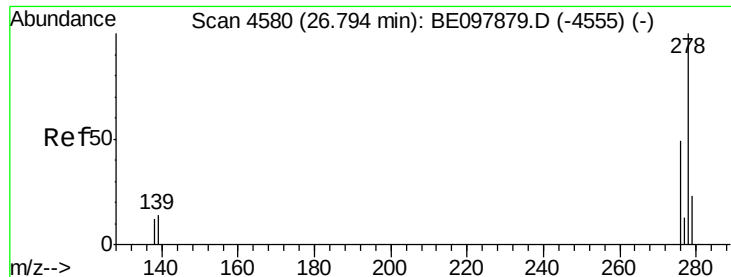
Delta R.T. 0.03 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Tgt Ion:	276	Resp:	856036
Ion Ratio	Lower	Upper	
276	100		
138	18.3	0.0	0.0#
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 4.509 ng/ul

RT: 26.82 min Scan# 4587

Delta R.T. 0.02 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Instrument :

BNA_E

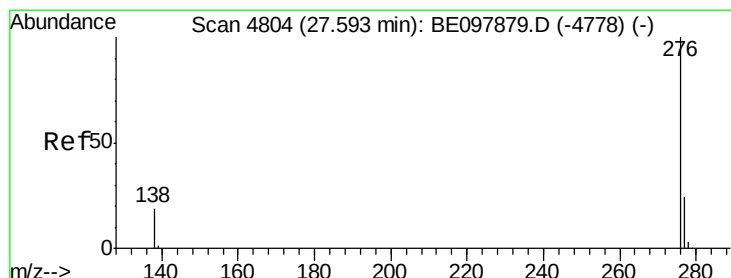
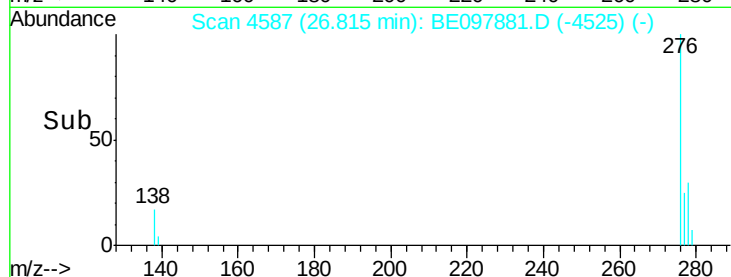
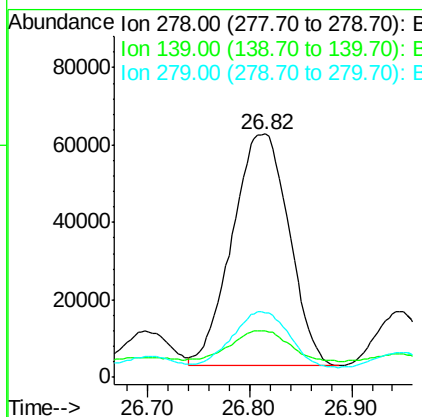
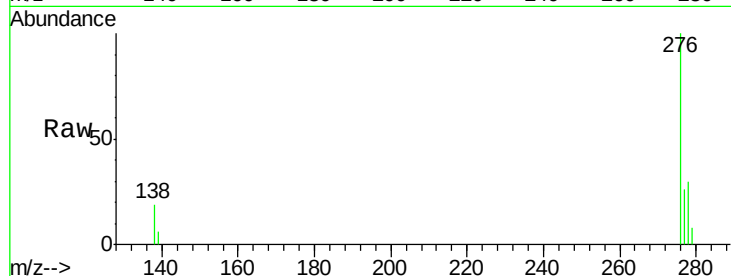
ClientSampleId :

JLC31

Tgt Ion:	278	Resp:	232109
Ion Ratio	Lower	Upper	
278	100		
139	19.1	10.9	16.3#
279	26.7	18.8	28.2

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:26 PM



#26

Benzo(g,h,i)perylene

Concen: 18.732 ng/ul

RT: 27.65 min Scan# 4820

Delta R.T. 0.05 min

Lab File: BE097881.D

Acq: 12 Oct 2018 11:04

Tgt Ion:	276	Resp:	1016612
Ion Ratio	Lower	Upper	
276	100		
138	18.9	14.3	21.5
277	24.4	19.5	29.3

