

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097893.D
 Acq On : 12 Oct 2018 23:45
 Operator : SJ/JU
 Sample : J5183-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC16DL

Manual Integrations
 APPROVED

Sohil
 10/15/2018 3:56:00 PM

Quant Time: Oct 13 04:16:05 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 : Sat Oct 13 02:57:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2096	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10748	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	7083	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	16816m	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	17052m	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	18202m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1023	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	3411m	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	1925	0.074	ng/ul#	87
5) 2-Methylnaphthalene	12.37	142	1532	0.081	ng/ul	100
7) Acenaphthylene	14.27	152	1081	0.040	ng/ul#	66
8) Acenaphthene	14.62	153	5560	0.267	ng/ul	94
9) Fluorene	15.61	166	1776	0.065	ng/ul#	95
11) Pentachlorophenol	16.98	266	163m	0.069	ng/ul	
12) Phenanthrene	17.35	178	94979m	2.386	ng/ul	
13) Anthracene	17.44	178	18372m	0.498	ng/ul	
15) Fluoranthene	19.38	202	402036m	7.863	ng/ul	
17) Pyrene	19.74	202	513808	10.115	ng/ul	97
18) Benzo(a)anthracene	21.49	228	385851m	7.484	ng/ul	
19) Chrysene	21.54	228	1891401m	40.830	ng/ul	
21) Benzo(b)fluoranthene	23.29	252	1291585m	26.550	ng/ul	
22) Benzo(k)fluoranthene	23.34	252	264590m	5.081	ng/ul	
23) Benzo(a)pyrene	23.96	252	201553m	4.220	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.80	276	330538m	6.096	ng/ul	
25) Dibenzo(a,h)anthracene	26.82	278	102471m	2.287	ng/ul	
26) Benzo(g,h,i)perylene	27.65	276	387199m	8.196	ng/ul	

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

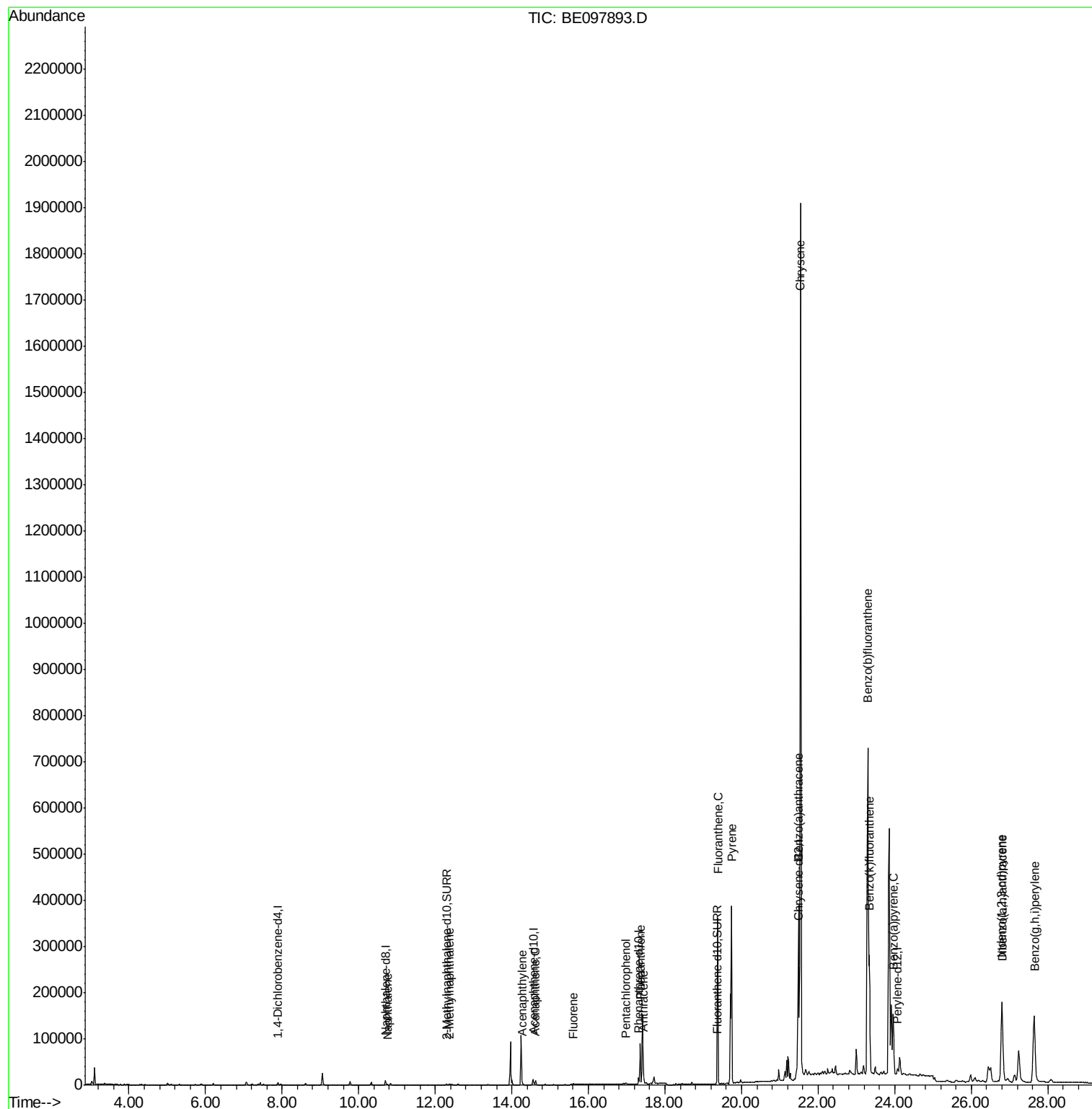
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
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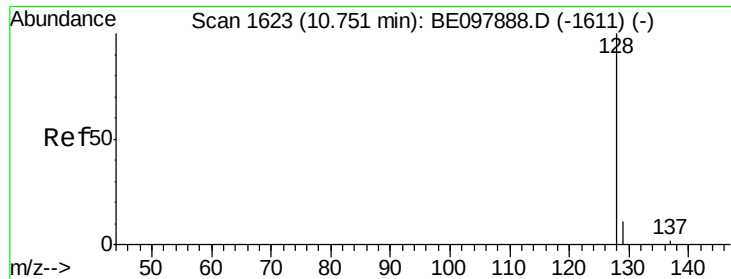
Instrument :
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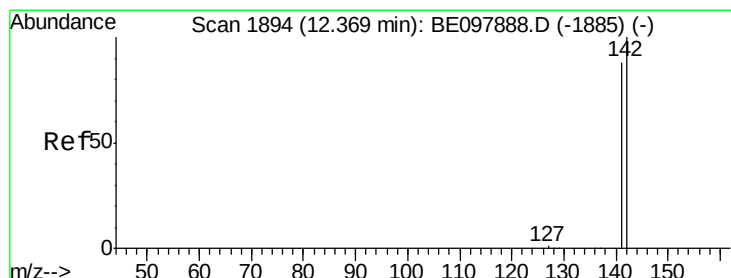
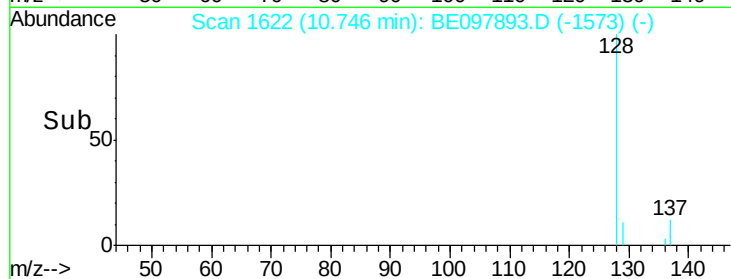
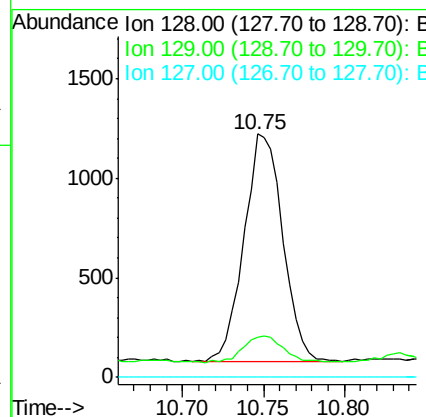
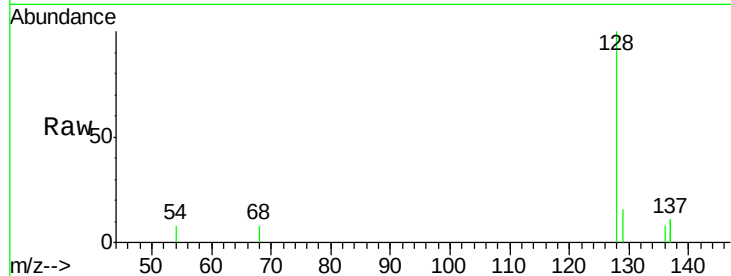
#3
Naphthalene
Concen: 0.074 ng/ul
RT: 10.75 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Instrument :
BNA_E
ClientSampleId :
JLC16DL

Tgt Ion:128 Resp: 1925
Ion Ratio Lower Upper
128 100
129 16.4 9.1 13.7#
127 0.0 0.0 0.0

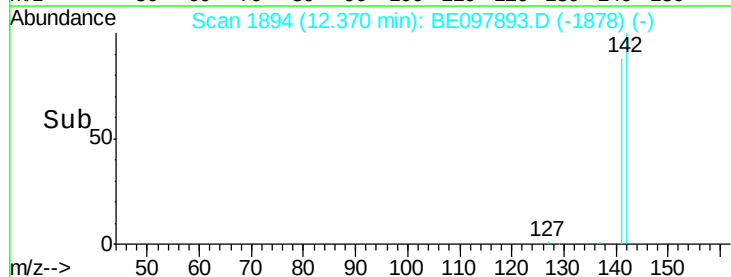
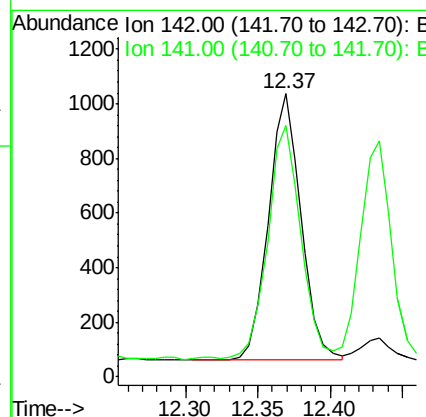
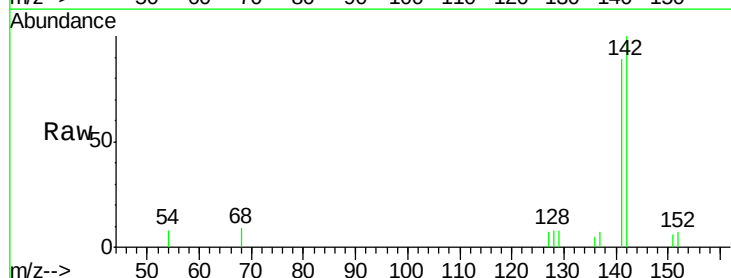
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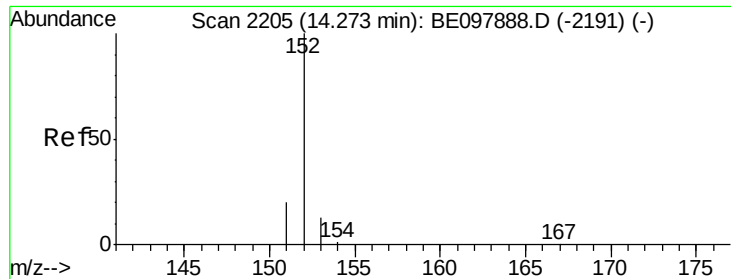
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#5
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.37 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Tgt Ion:142 Resp: 1532
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

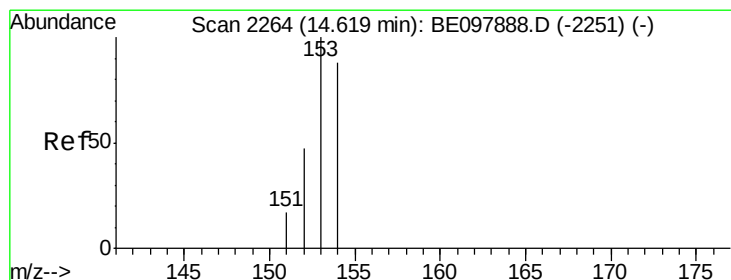
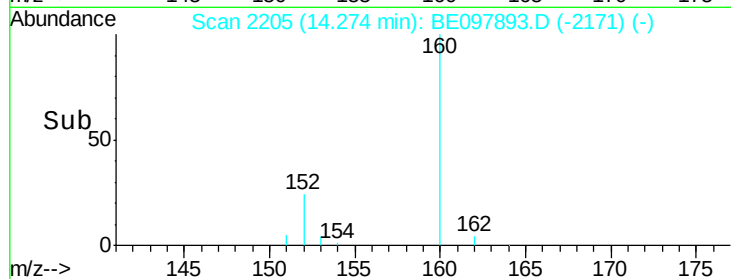
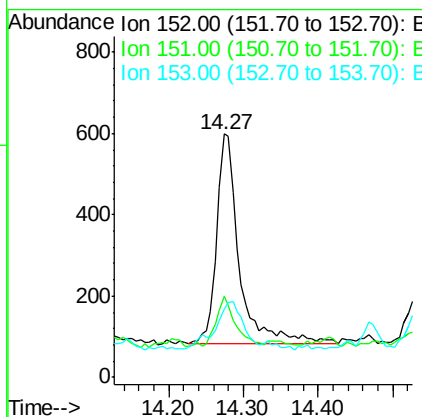
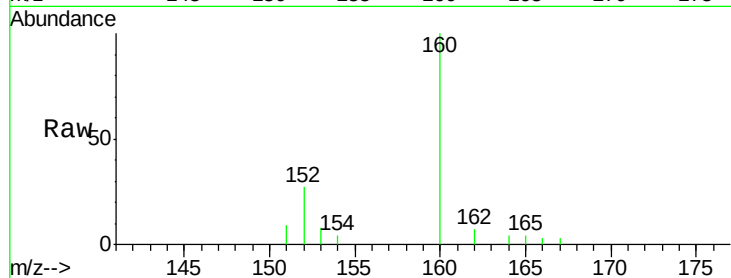
ClientSampleId :

JLC16DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1081		
151	33.2	15.0	22.6#	
153	28.2	10.5	15.7#	

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#8

Acenaphthene

Concen: 0.267 ng/ul

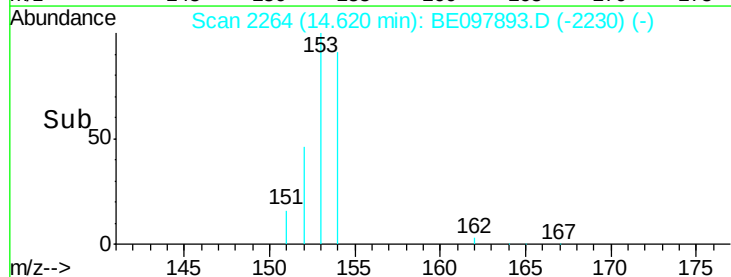
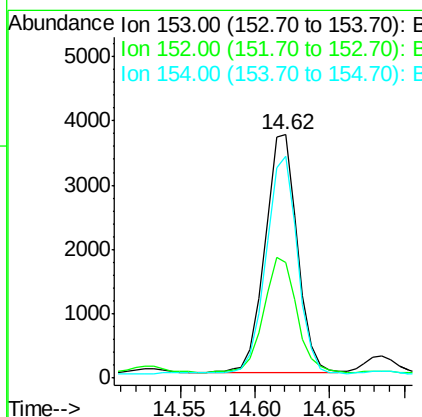
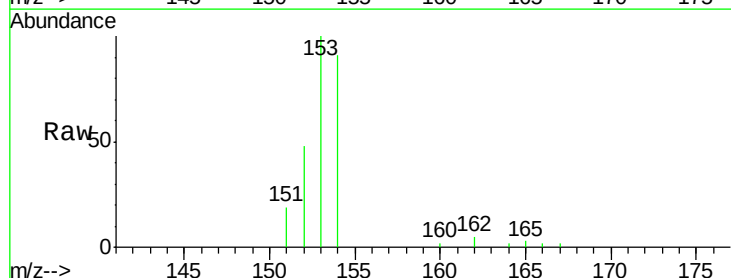
RT: 14.62 min Scan# 2264

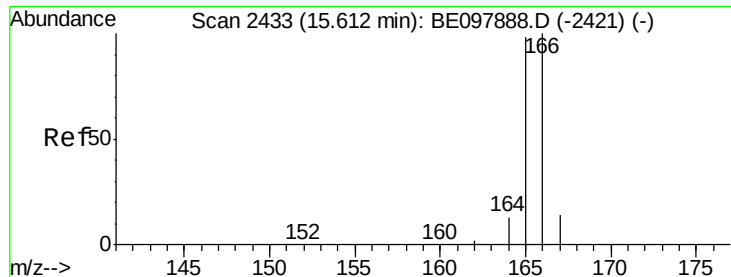
Delta R.T. 0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	5560		
152	47.6	41.2	61.8	
154	91.0	68.6	103.0	





#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.61 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

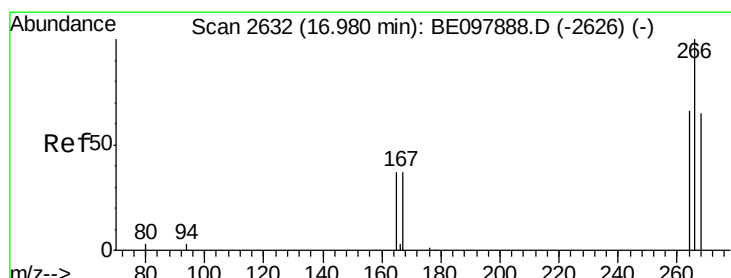
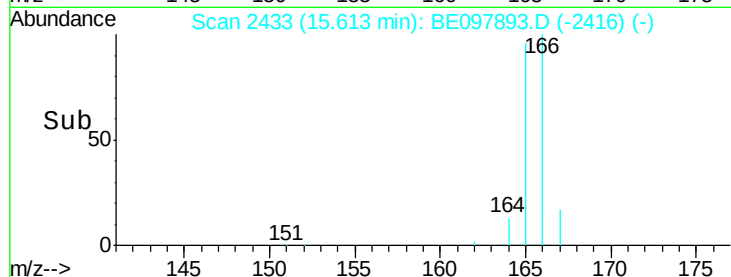
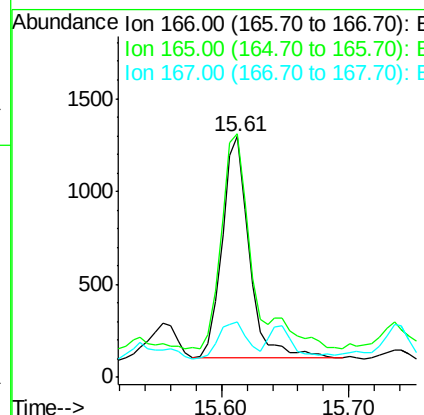
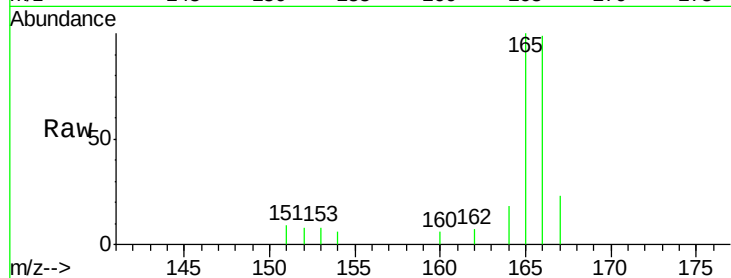
ClientSampleId :

JLC16DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.2	118.8
167	22.9	11.3	16.9#

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#11

Pentachlorophenol

Concen: 0.069 ng/ul m

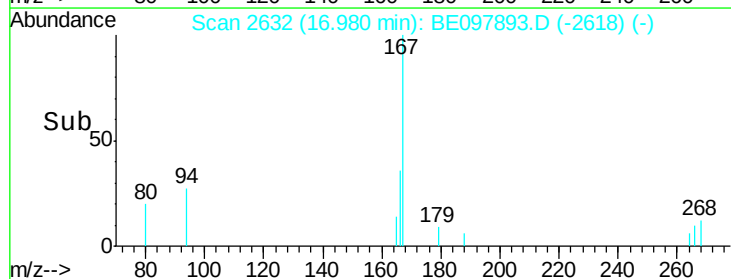
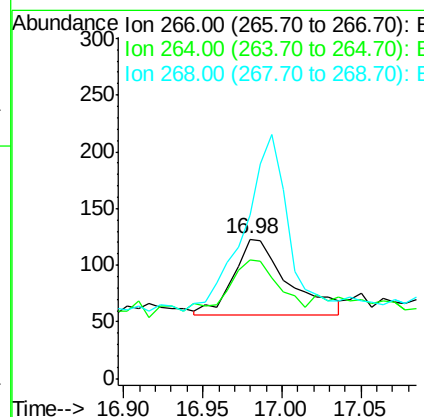
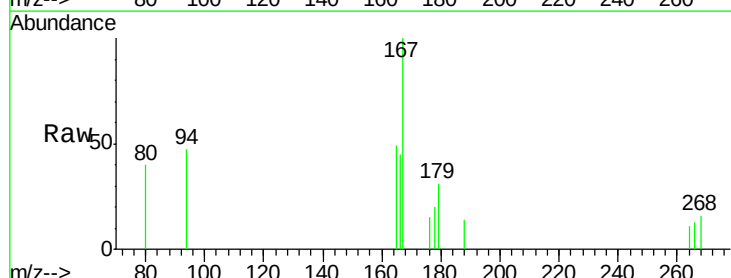
RT: 16.98 min Scan# 2632

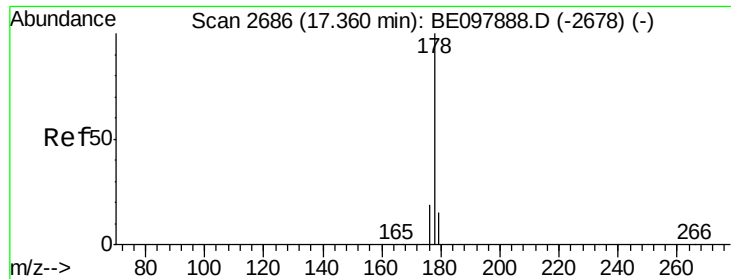
Delta R.T. -0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
266	100		
264	4.3	49.8	74.8#
268	5.5	48.4	72.6#





#12

Phenanthrene

Concen: 2.386 ng/ul m

RT: 17.35 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

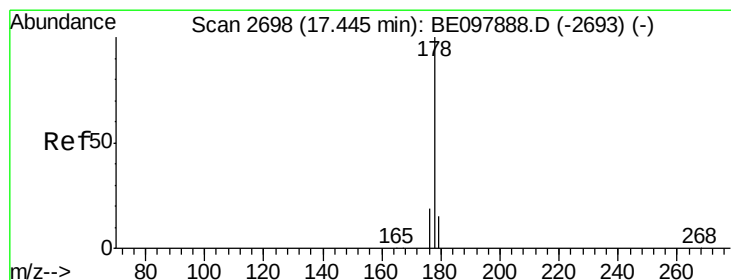
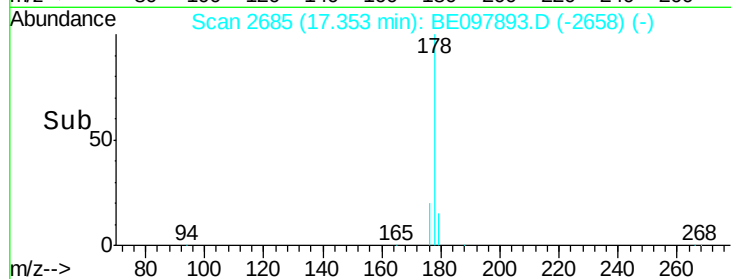
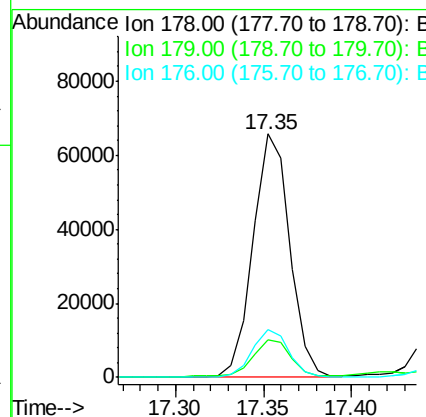
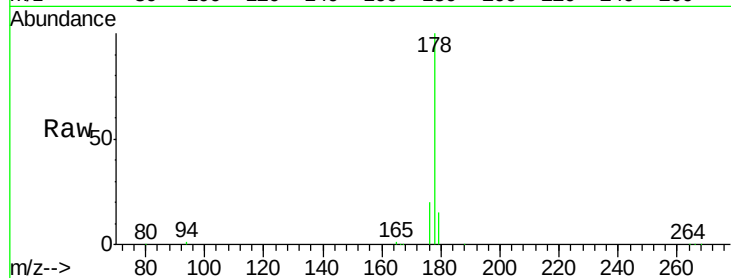
ClientSampleId :

JLC16DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.8	14.9	22.3

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#13

Anthracene

Concen: 0.498 ng/ul m

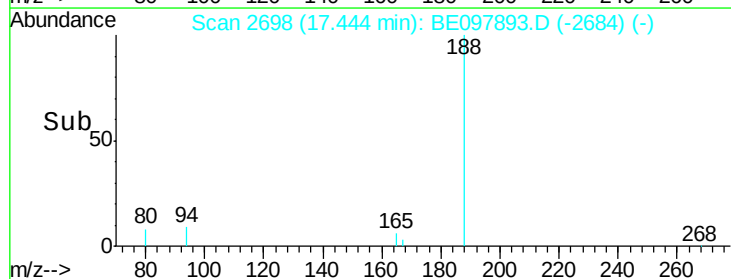
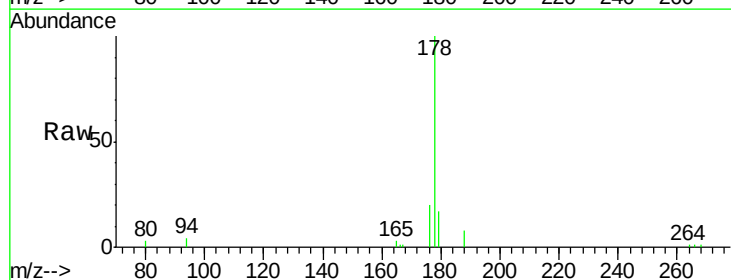
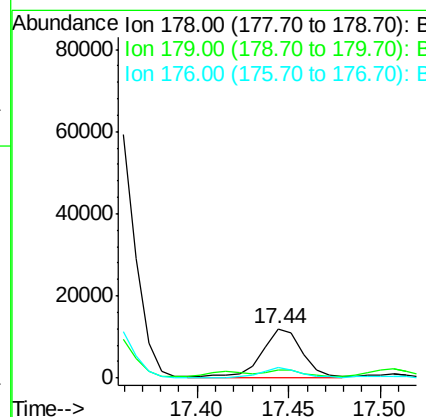
RT: 17.44 min Scan# 2698

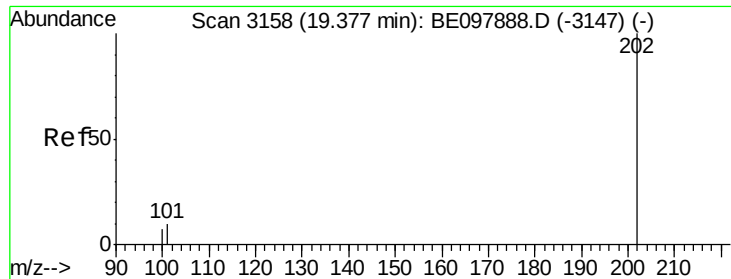
Delta R.T. -0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.9	19.3
176	20.3	15.5	23.3





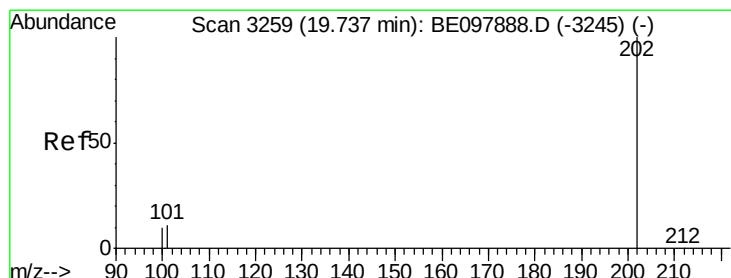
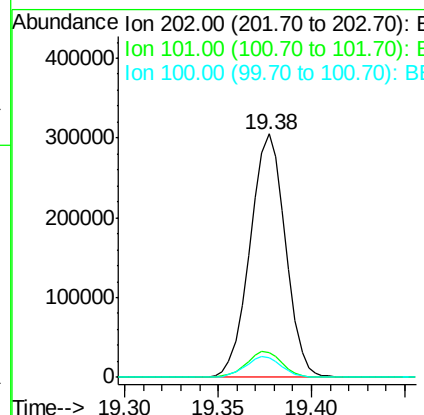
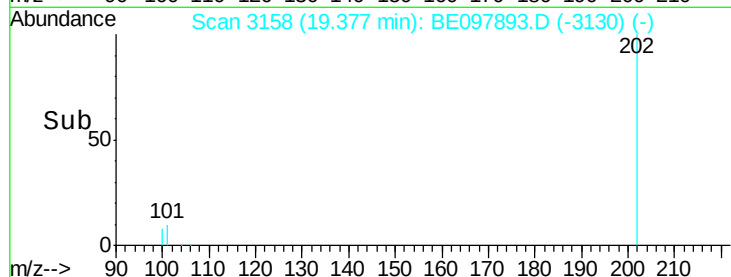
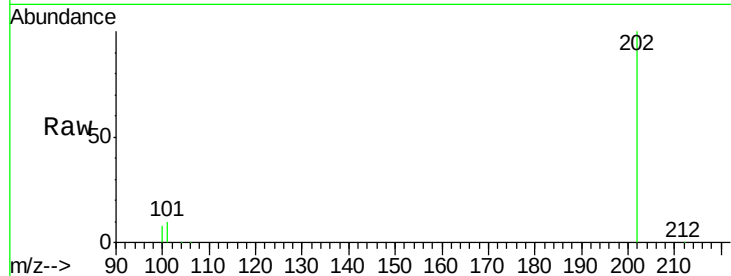
#15
Fluoranthene
Concen: 7.863 ng/ul m
RT: 19.38 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Instrument :
BNA_E
ClientSampleId :
JLC16DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	0.0	29.3
100	8.1	0.0	27.5

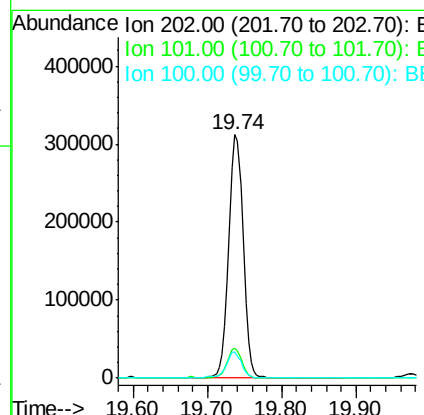
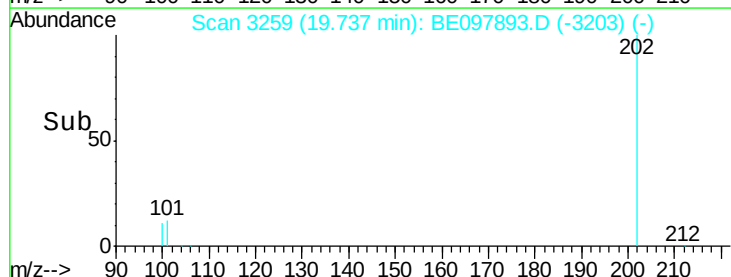
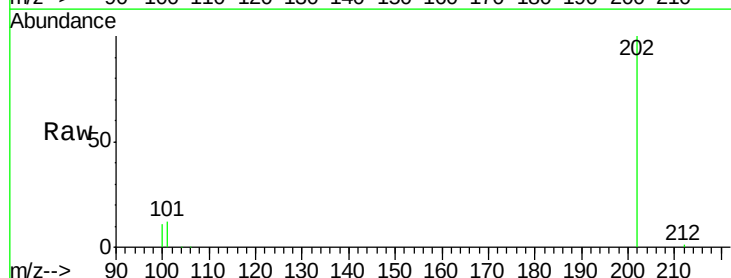
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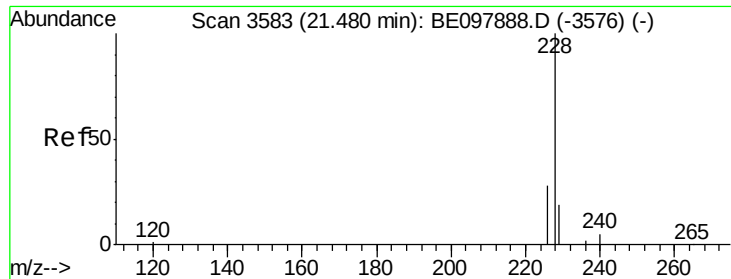
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#17
Pyrene
Concen: 10.115 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. -0.00 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	8.8	13.2
100	10.9	7.9	11.9





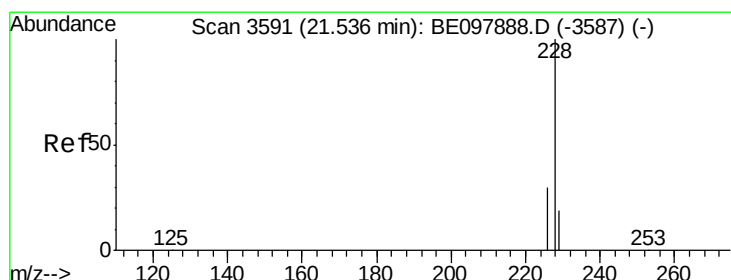
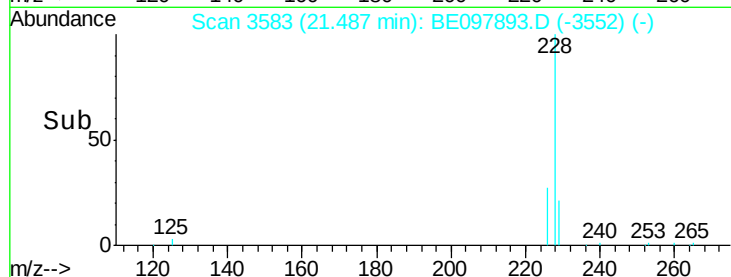
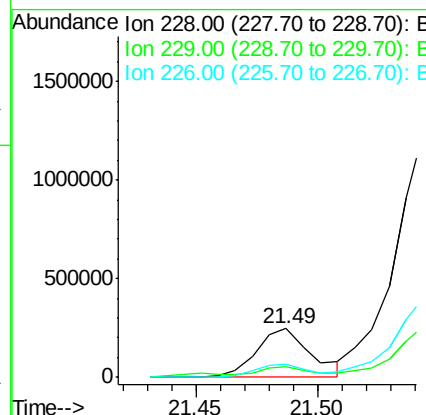
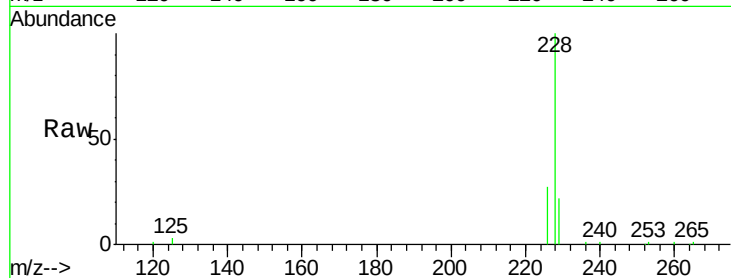
#18
Benzo(a)anthracene
Concen: 7.484 ng/ul m
RT: 21.49 min Scan# 3583
Delta R.T. 0.01 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Instrument :
BNA_E
ClientSampleId :
JLC16DL

Tgt Ion:228 Resp: 385851
Ion Ratio Lower Upper
228 100
229 21.6 16.4 24.6
226 27.3 21.5 32.3

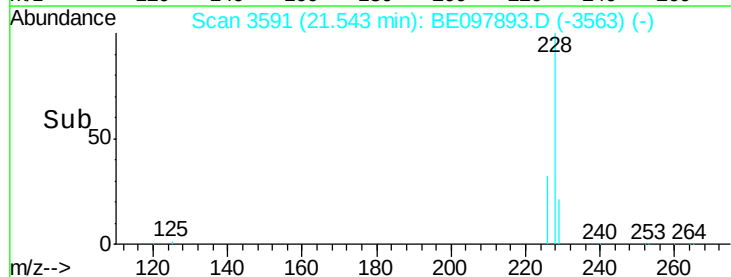
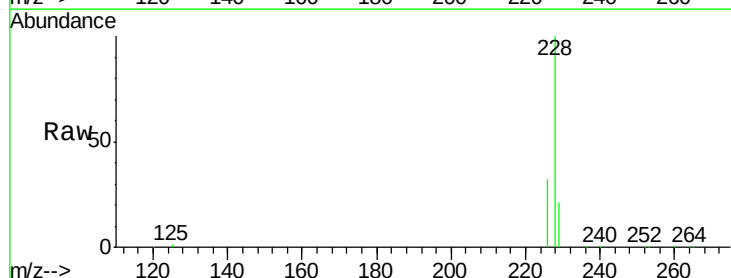
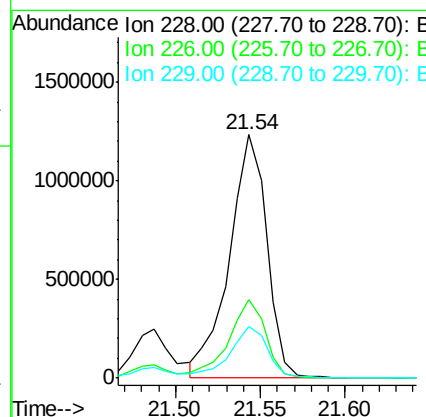
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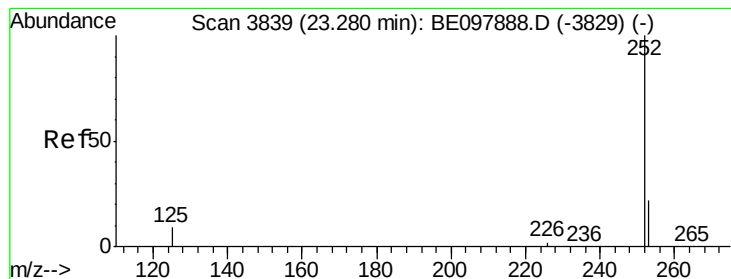
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#19
Chrysene
Concen: 40.830 ng/ul m
RT: 21.54 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Tgt Ion:228 Resp: 1891401
Ion Ratio Lower Upper
228 100
226 32.1 23.0 34.4
229 21.0 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 26.550 ng/ul m

RT: 23.29 min Scan# 3840

Delta R.T. 0.01 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

ClientSampleId :

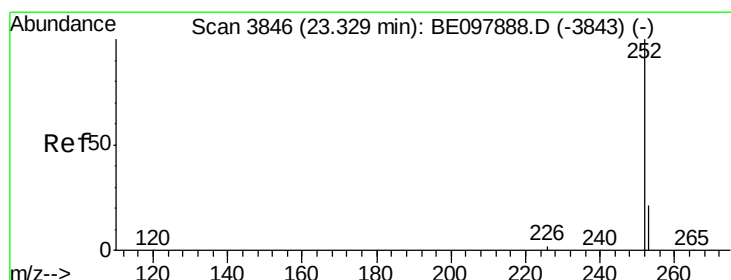
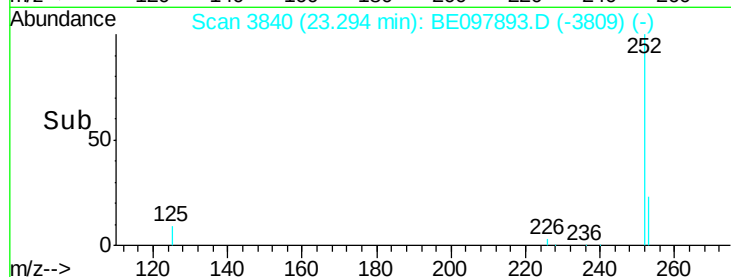
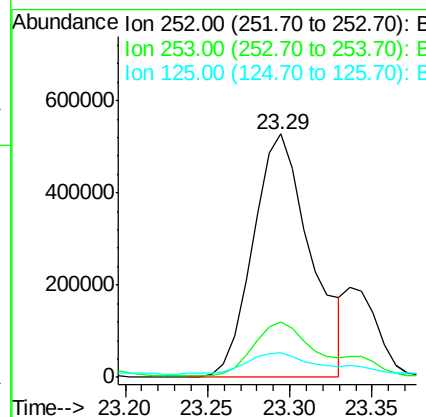
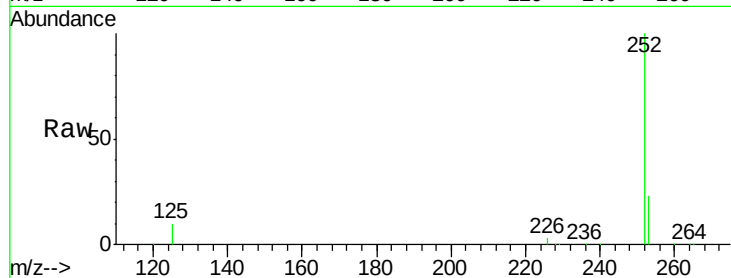
JLC16DL

Tgt Ion:252 Resp: 1291585

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	47.0
125	10.2	0.0	18.2

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 5.081 ng/ul m

RT: 23.34 min Scan# 3846

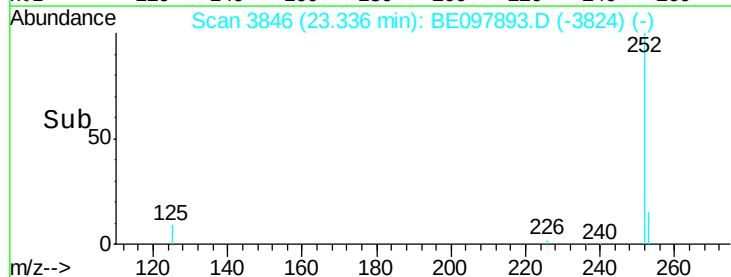
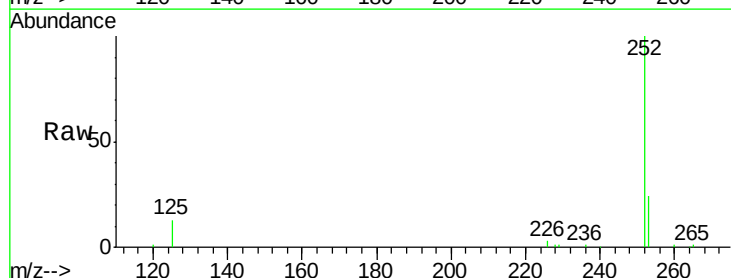
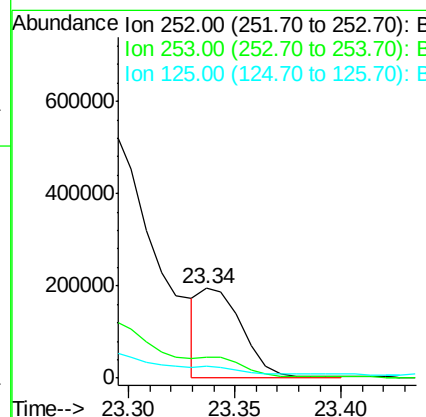
Delta R.T. 0.01 min

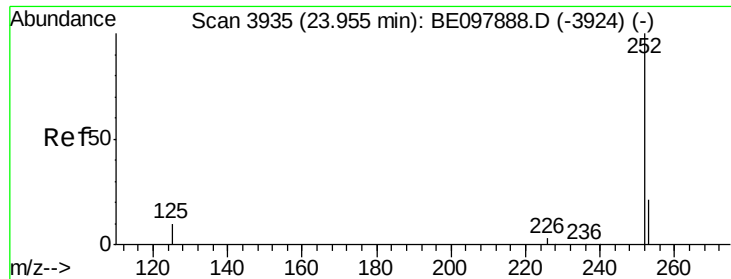
Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Tgt Ion:252 Resp: 264590

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	12.9	9.4	14.0





#23

Benzo(a)pyrene

Concen: 4.220 ng/ul m

RT: 23.96 min Scan# 3935

Delta R.T. 0.01 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

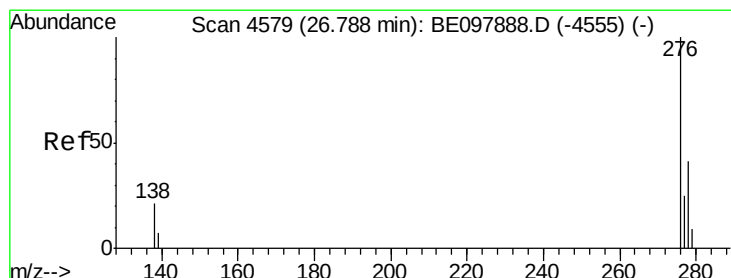
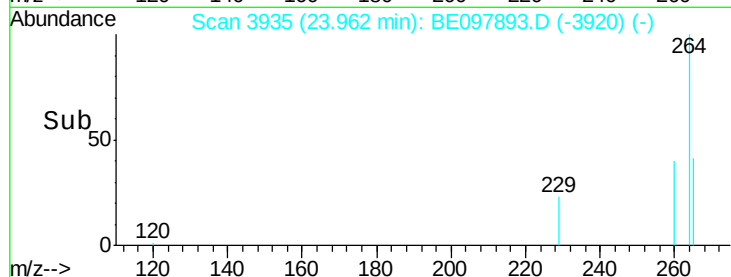
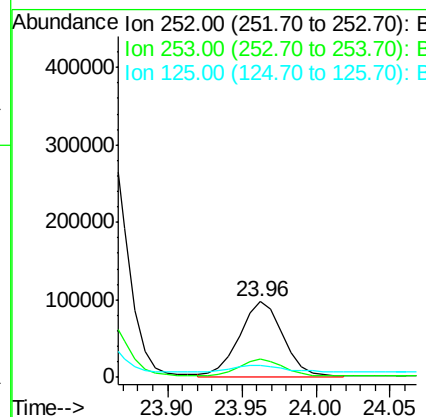
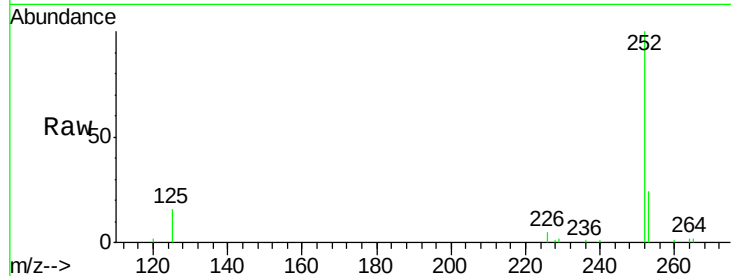
ClientSampleId :

JLC16DL

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		201553		
253	24.1	18.2	27.4		
125	16.3	8.3	12.5#		

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:00 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.096 ng/ul m

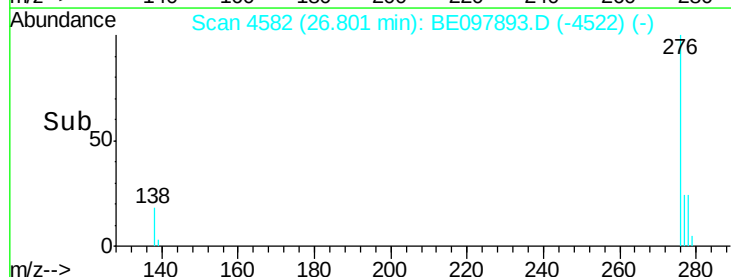
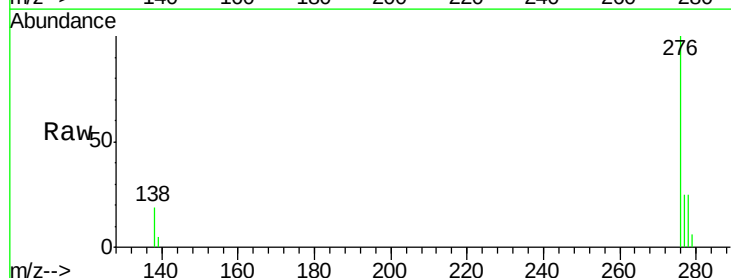
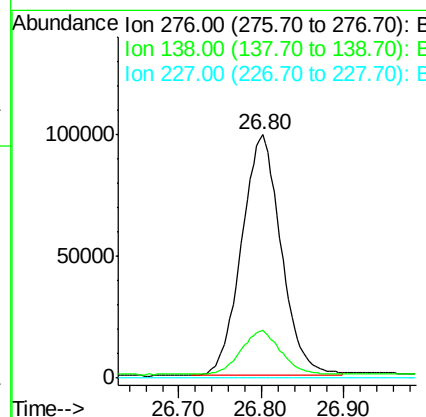
RT: 26.80 min Scan# 4582

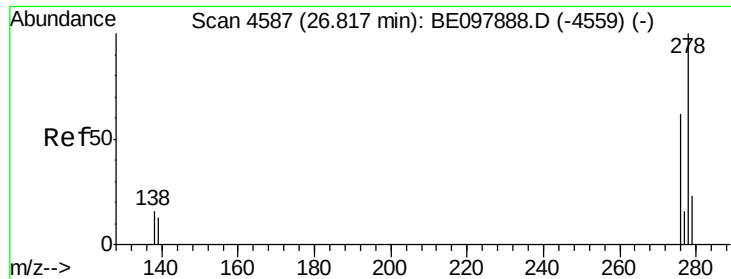
Delta R.T. 0.01 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		330538		
138	16.6	0.0	0.0#		
227	0.0	0.0	0.0		





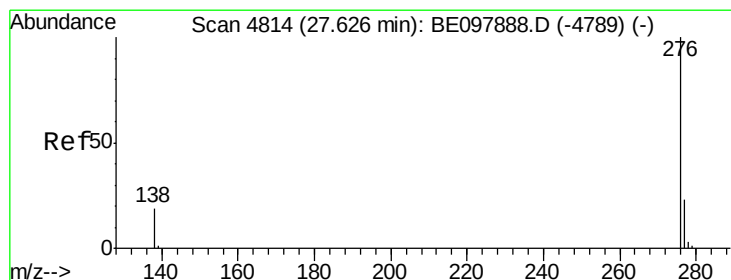
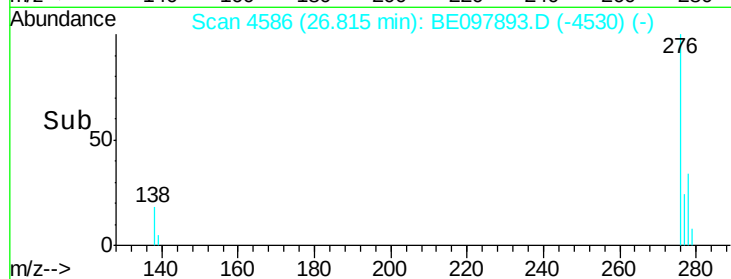
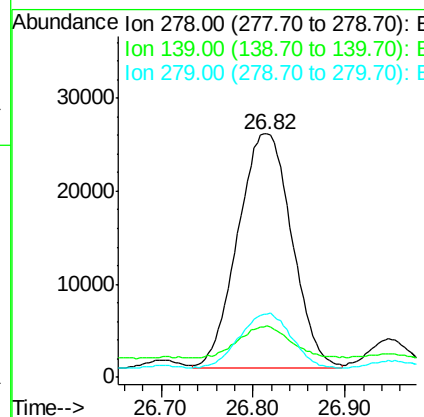
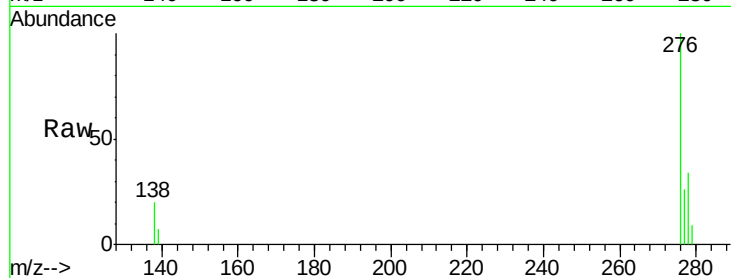
#25
Dibenzo(a,h)anthracene
Concen: 2.287 ng/ul m
RT: 26.82 min Scan# 4586
Delta R.T. -0.00 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Instrument :
BNA_E
ClientSampleId :
JLC16DL

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	102471		
139	21.0	10.9	16.3	#
279	25.8	18.8	28.2	

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:00 PM



#26
Benzo(g,h,i)perylene
Concen: 8.196 ng/ul m
RT: 27.65 min Scan# 4819
Delta R.T. 0.02 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	387199		
138	19.6	14.3	21.5	
277	24.4	19.5	29.3	

