

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097889.D
 Acq On : 12 Oct 2018 21:16
 Operator : SJ/JU
 Sample : J5183-08DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC47DL

Manual Integrations
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Quant Time: Oct 13 03:08:11 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	7.90	152	1903	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9698	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	6303	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	15299m	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	15857m	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	15795m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1065	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	3391m	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	723	0.031	ng/ul#	70
5) 2-Methylnaphthalene	12.37	142	552	0.032	ng/ul	90
8) Acenaphthene	14.62	153	1282	0.069	ng/ul	96
9) Fluorene	15.61	166	1537	0.064	ng/ul#	96
12) Phenanthrene	17.35	178	29120	0.804	ng/ul	98
13) Anthracene	17.44	178	5539m	0.165	ng/ul	
15) Fluoranthene	19.37	202	47516m	1.022	ng/ul	
17) Pyrene	19.74	202	59724	1.264	ng/ul	99
18) Benzo(a)anthracene	21.48	228	24514m	0.511	ng/ul	
19) Chrysene	21.54	228	56851m	1.320	ng/ul	
21) Benzo(b)fluoranthene	23.29	252	59718m	1.415	ng/ul	
22) Benzo(k)fluoranthene	23.33	252	18316m	0.405	ng/ul	
23) Benzo(a)pyrene	23.95	252	26660m	0.643	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.78	276	31012m	0.659	ng/ul	
25) Dibenzo(a,h)anthracene	26.80	278	7705m	0.198	ng/ul	
26) Benzo(g,h,i)perylene	27.62	276	34289m	0.836	ng/ul	

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

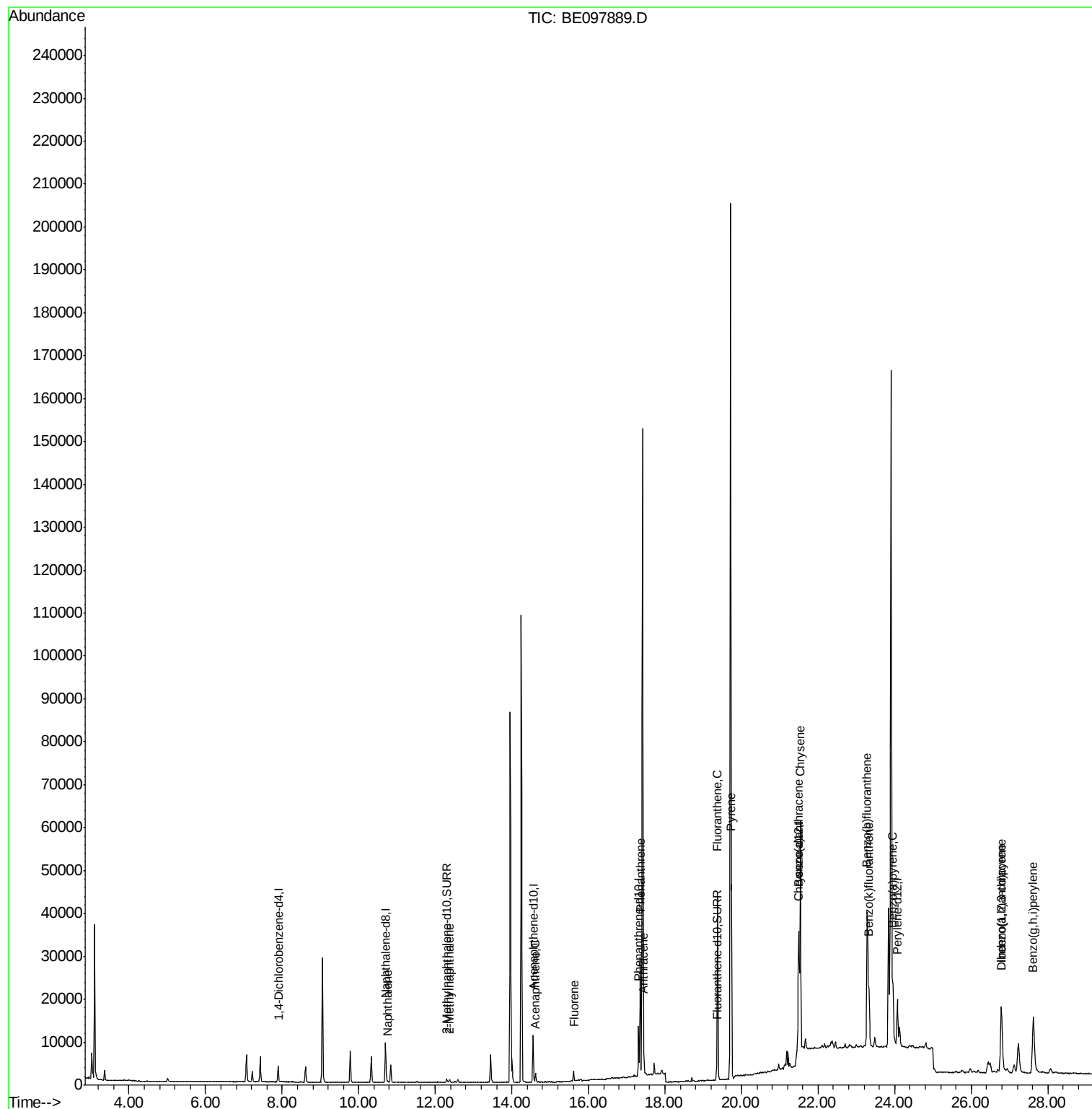
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
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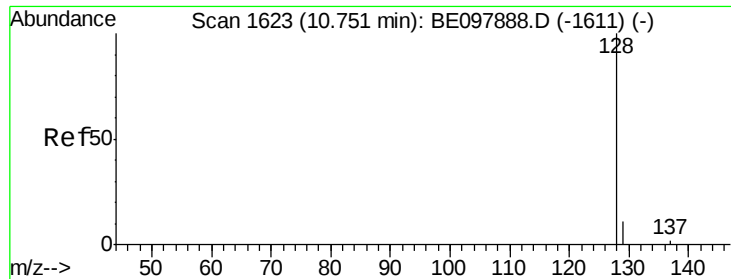
Instrument :
BNA_E
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Quant Time: Oct 13 03:08:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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QLast Update : Sat Oct 13 02:57:21 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.75 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

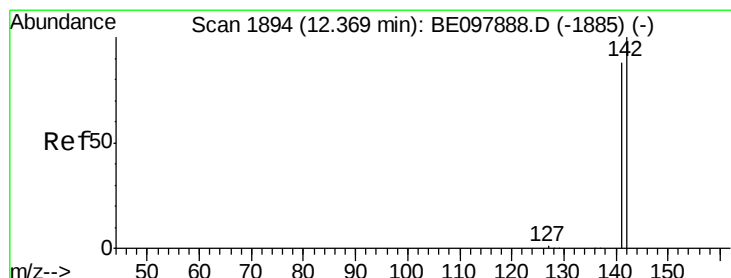
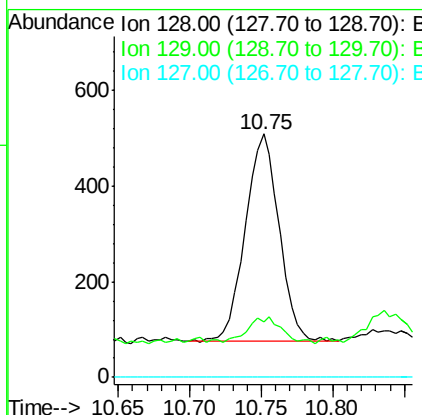
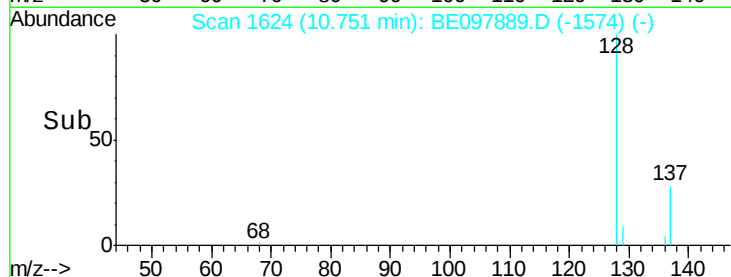
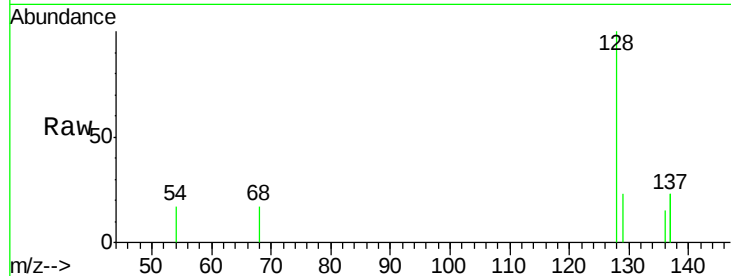
ClientSampleId :

JLC47DL

Tgt Ion:	128	Resp:	723
Ion	Ratio	Lower	Upper
128	100		
129	22.8	9.1	13.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

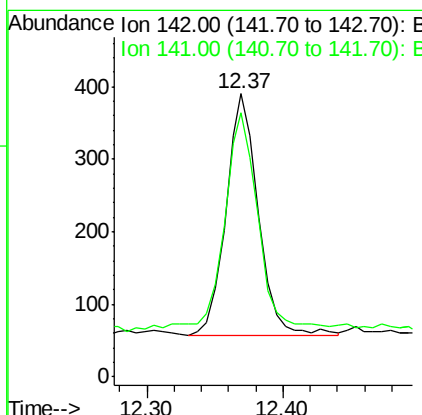
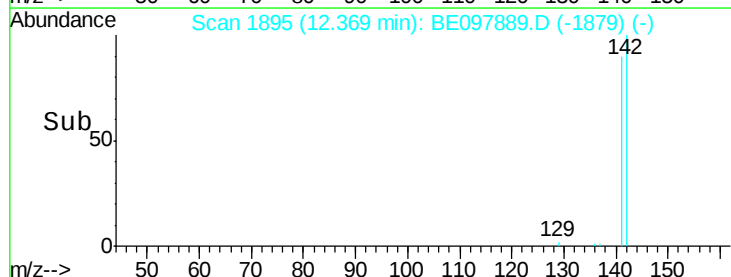
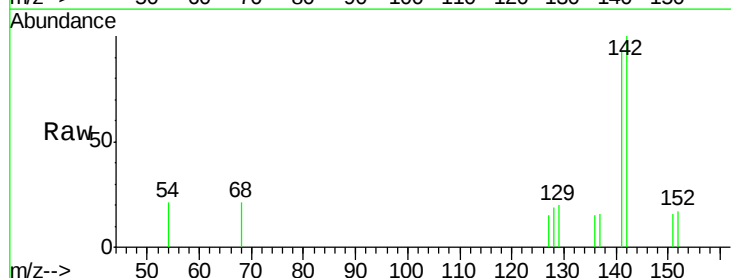
RT: 12.37 min Scan# 1895

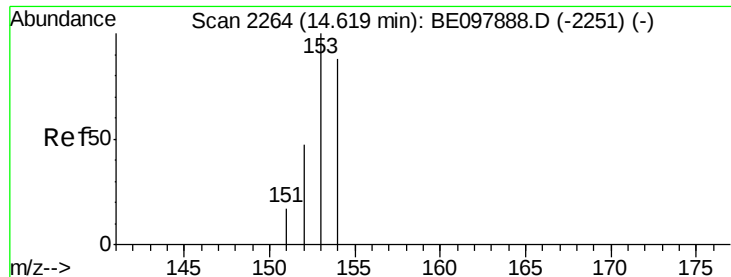
Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Tgt Ion:	142	Resp:	552
Ion	Ratio	Lower	Upper
142	100		
141	98.9	71.6	107.4





#8

Acenaphthene

Concen: 0.069 ng/ul

RT: 14.62 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

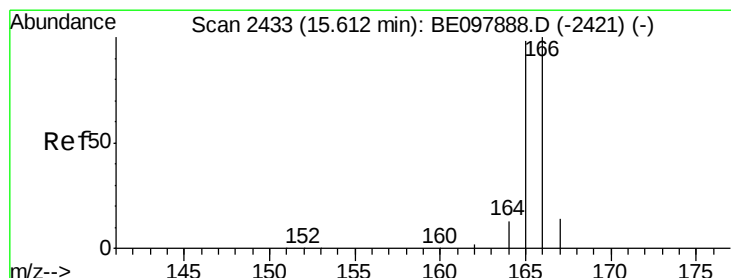
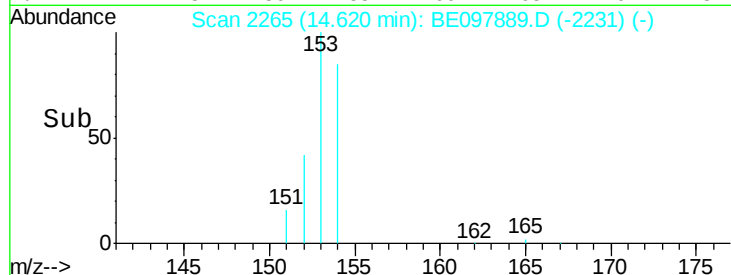
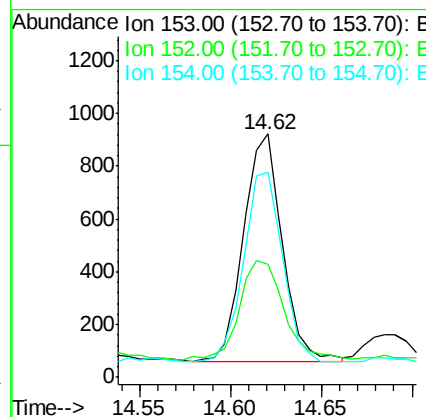
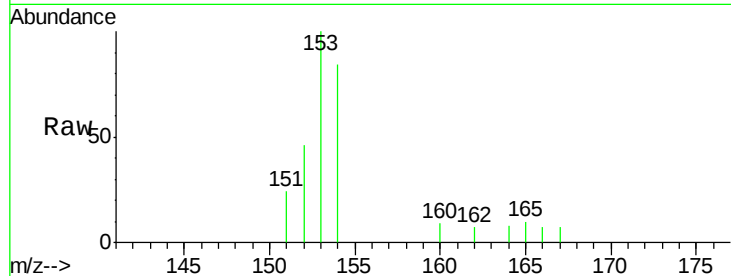
ClientSampleId :

JLC47DL

Tgt Ion:	153	Resp:	1282
Ion Ratio	Lower	Upper	
153	100		
152	46.2	41.2	61.8
154	84.3	68.6	103.0

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#9

Fluorene

Concen: 0.064 ng/ul

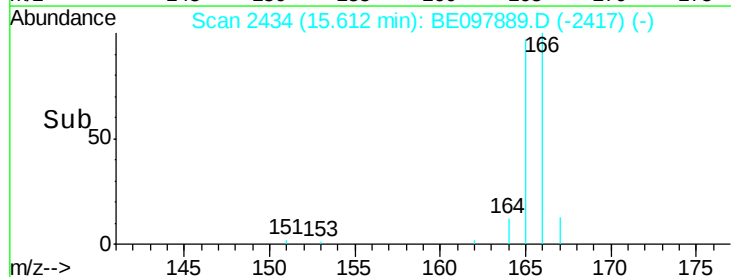
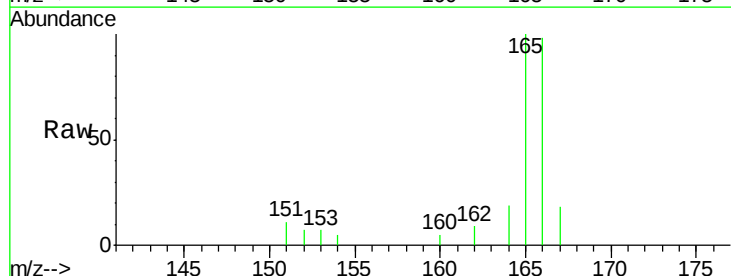
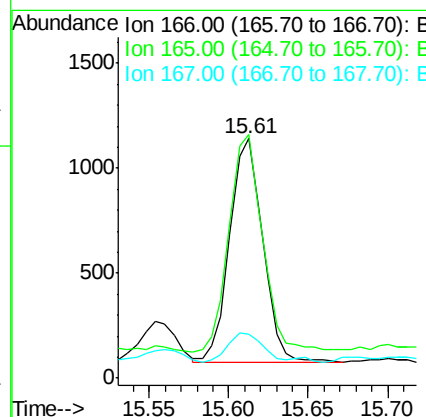
RT: 15.61 min Scan# 2434

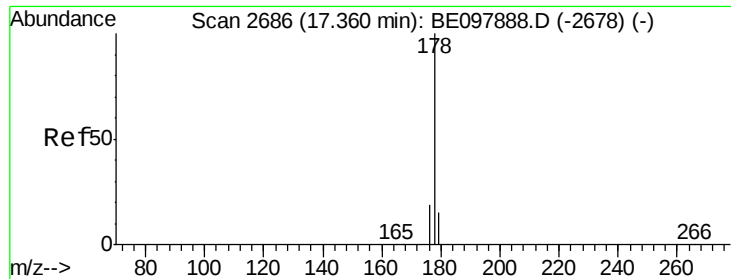
Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Tgt Ion:	166	Resp:	1537
Ion Ratio	Lower	Upper	
166	100		
165	101.7	79.2	118.8
167	18.3	11.3	16.9





#12

Phenanthrene

Concen: 0.804 ng/ul

RT: 17.35 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

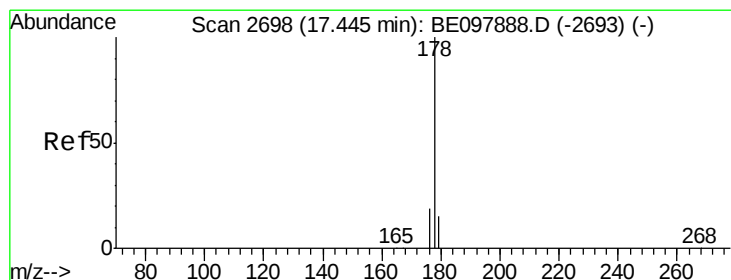
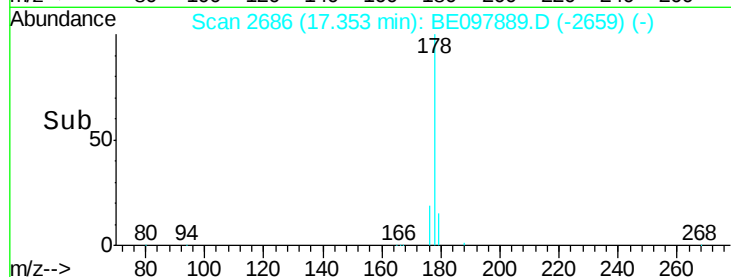
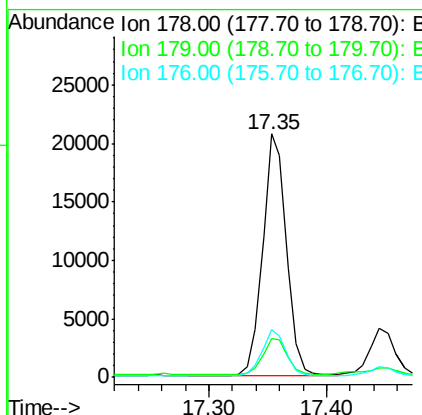
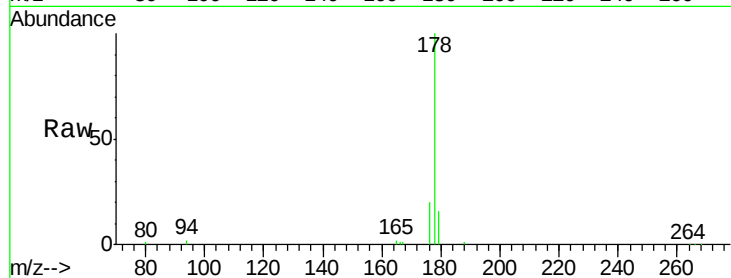
ClientSampleId :

JLC47DL

Tgt Ion:	178	Resp:	29120
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	19.8	14.9	22.3

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#13

Anthracene

Concen: 0.165 ng/ul m

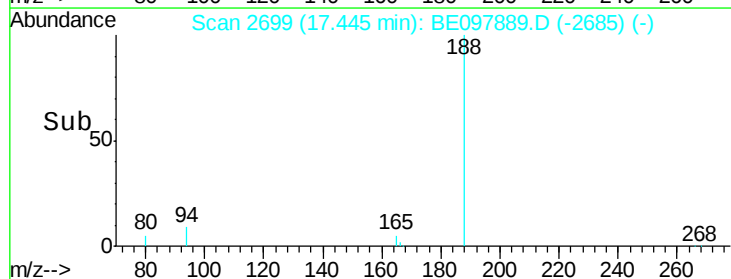
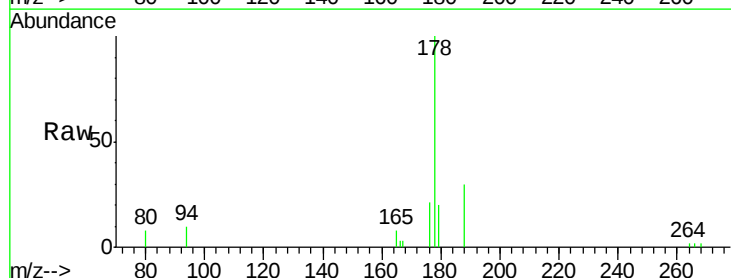
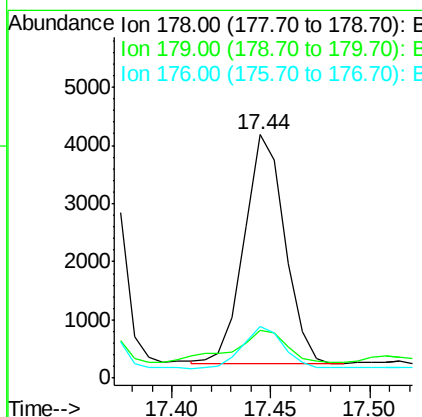
RT: 17.44 min Scan# 2699

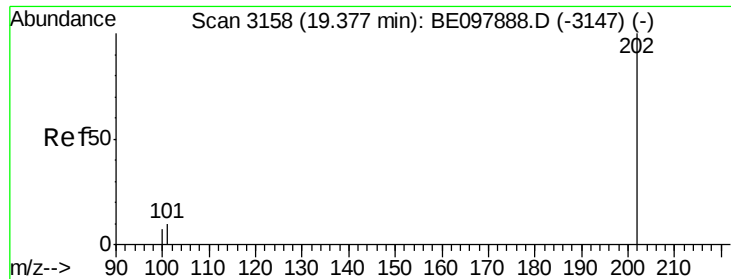
Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Tgt Ion:	178	Resp:	5539
Ion Ratio	Lower	Upper	
178	100		
179	19.7	12.9	19.3#
176	21.1	15.5	23.3





#15

Fluoranthene

Concen: 1.022 ng/ul m

RT: 19.37 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

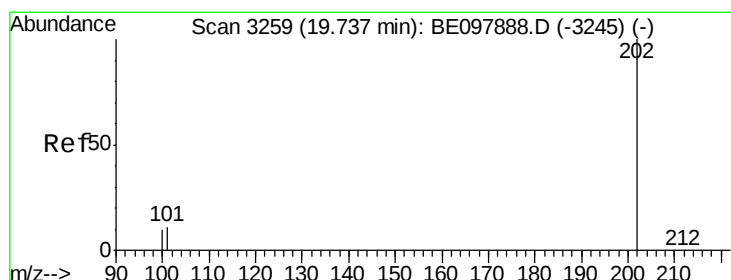
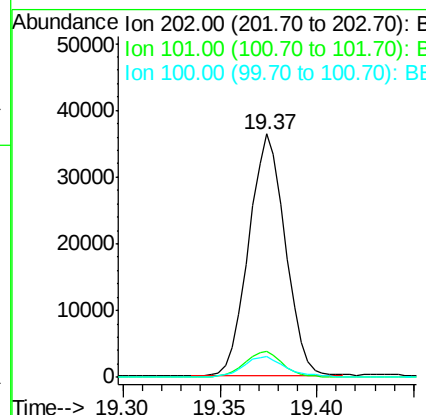
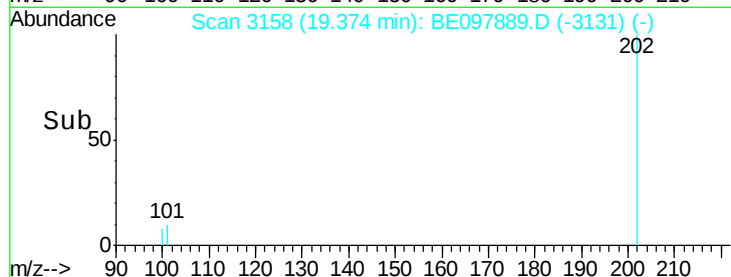
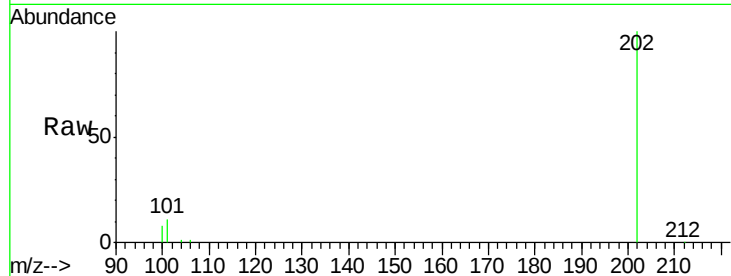
ClientSampleId :

JLC47DL

Tgt	Ion	202	Resp:	47516
Ion	Ratio	Lower	Upper	
202	100			
101	10.6	0.0	29.3	
100	8.4	0.0	27.5	

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#17

Pyrene

Concen: 1.264 ng/ul

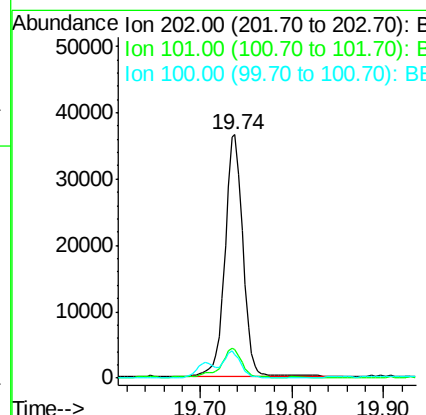
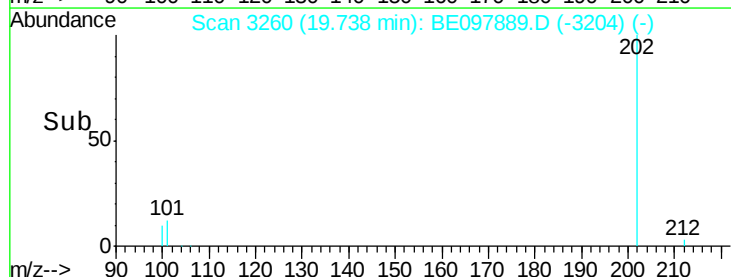
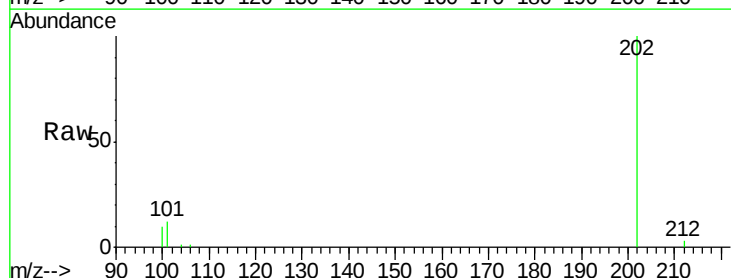
RT: 19.74 min Scan# 3260

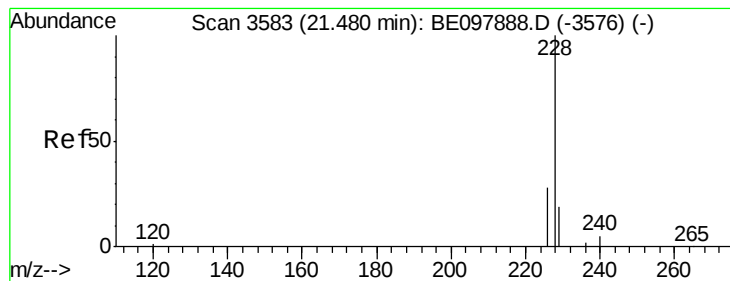
Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Tgt	Ion	202	Resp:	59724
Ion	Ratio	Lower	Upper	
202	100			
101	11.8	8.8	13.2	
100	9.9	7.9	11.9	





#18

Benzo(a)anthracene

Concen: 0.511 ng/ul m

RT: 21.48 min Scan# 3583

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

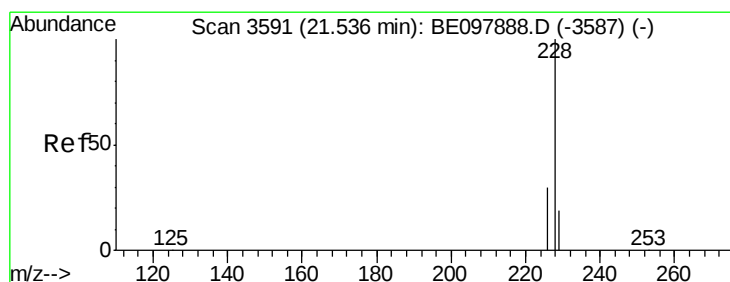
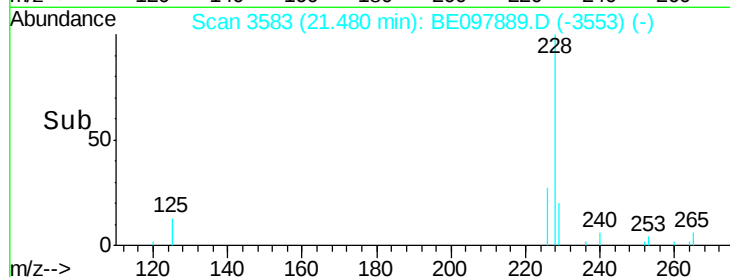
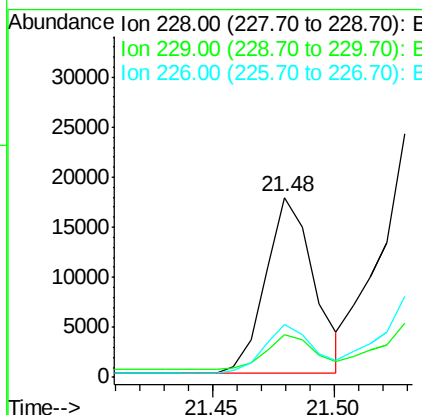
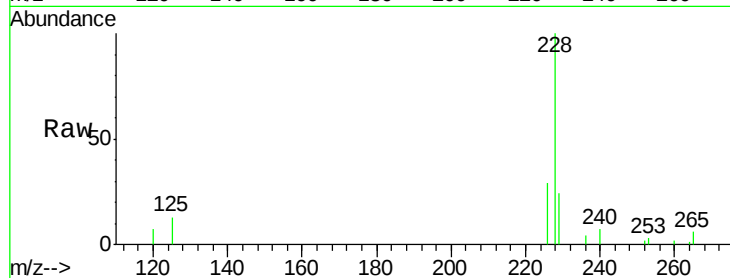
ClientSampleId :

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Tgt Ion:	228	Resp:	24514
Ion Ratio	Lower	Upper	
228	100		
229	24.0	16.4	24.6
226	29.1	21.5	32.3

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#19

Chrysene

Concen: 1.320 ng/ul m

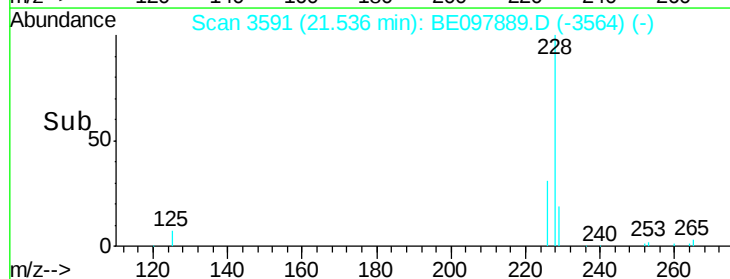
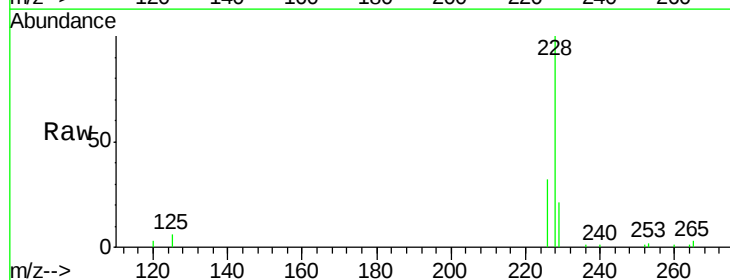
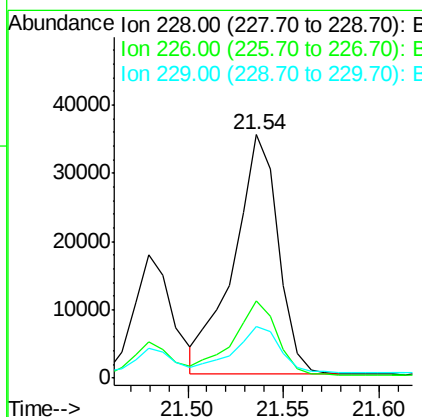
RT: 21.54 min Scan# 3591

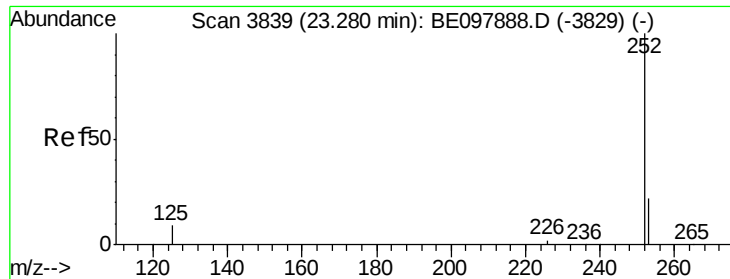
Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Tgt Ion:	228	Resp:	56851
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.0	34.4
229	21.3	15.5	23.3





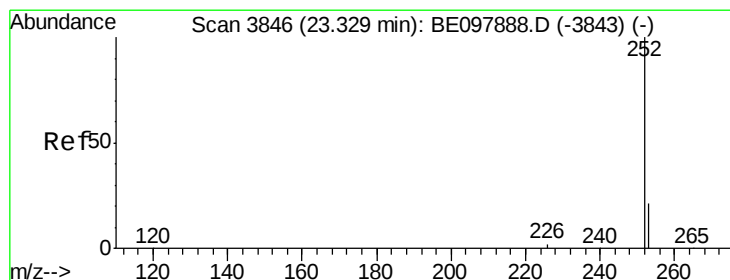
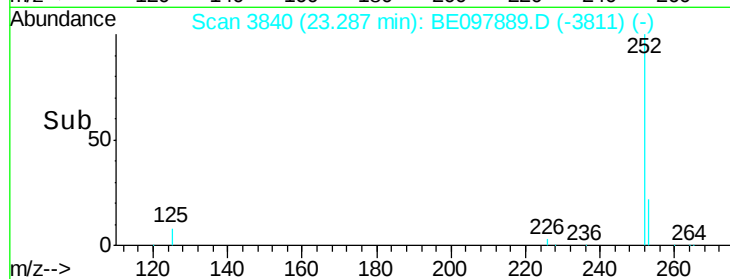
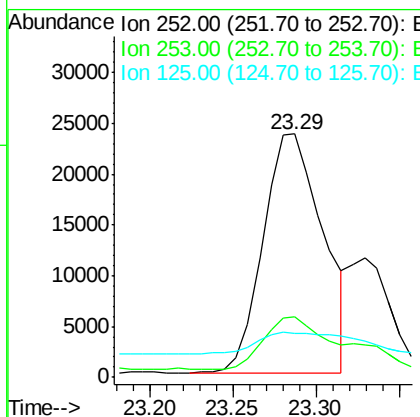
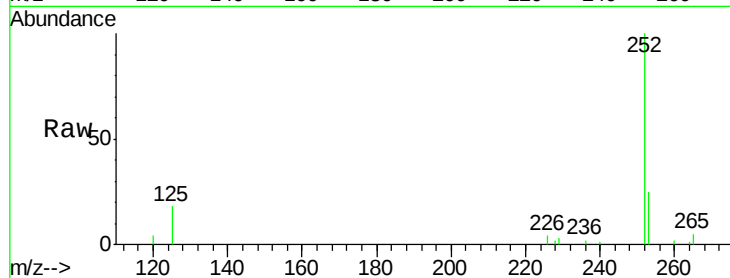
#21
Benzo(b)fluoranthene
Concen: 1.415 ng/ul m
RT: 23.29 min Scan# 3840
Delta R.T. 0.01 min
Lab File: BE097889.D
Acq: 12 Oct 2018 21:16

Instrument :
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ClientSampleId :
JLC47DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.8	0.0	47.0
125	18.1	0.0	18.2

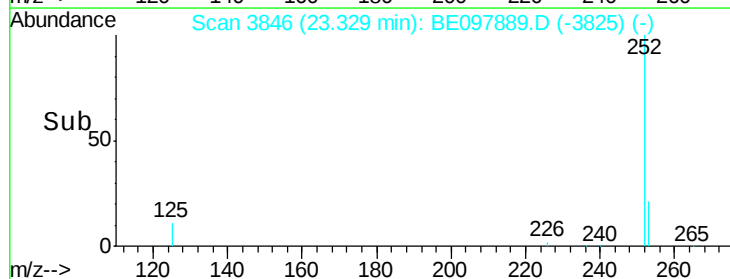
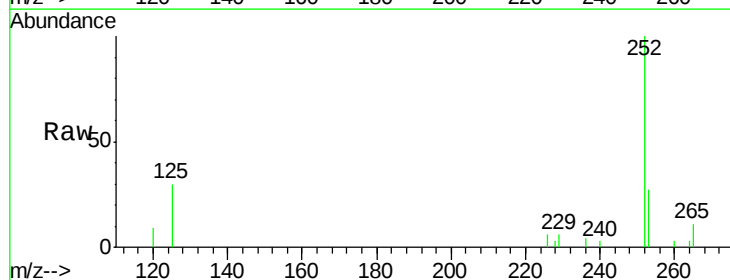
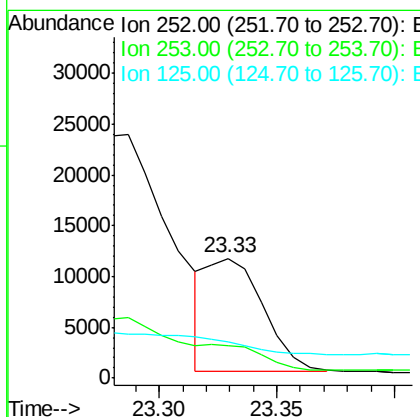
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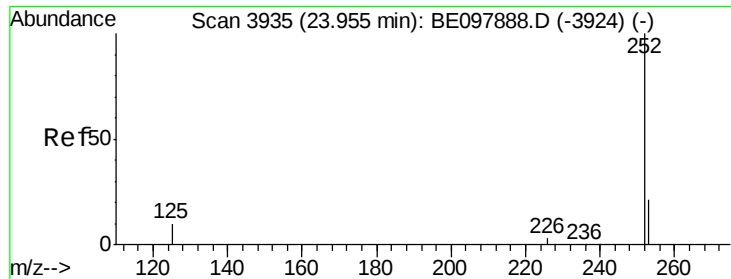
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#22
Benzo(k)fluoranthene
Concen: 0.405 ng/ul m
RT: 23.33 min Scan# 3846
Delta R.T. 0.00 min
Lab File: BE097889.D
Acq: 12 Oct 2018 21:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.5	17.8	26.6#
125	30.0	9.4	14.0#





#23

Benzo(a)pyrene

Concen: 0.643 ng/ul m

RT: 23.95 min Scan# 3935

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

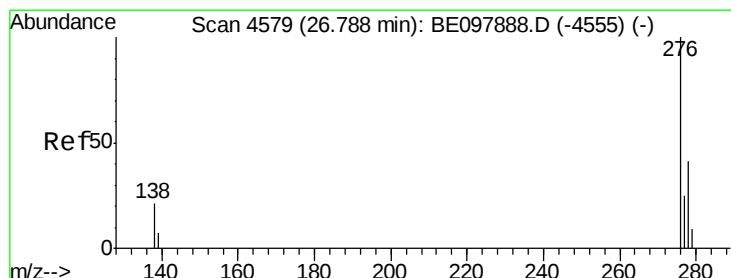
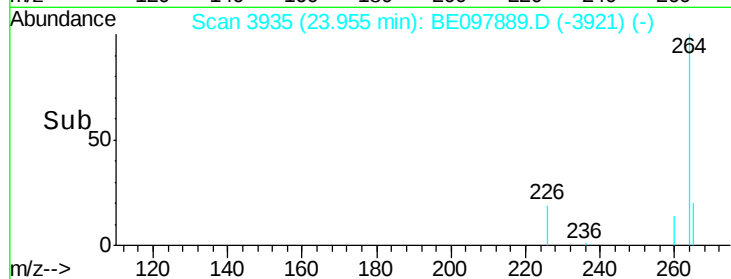
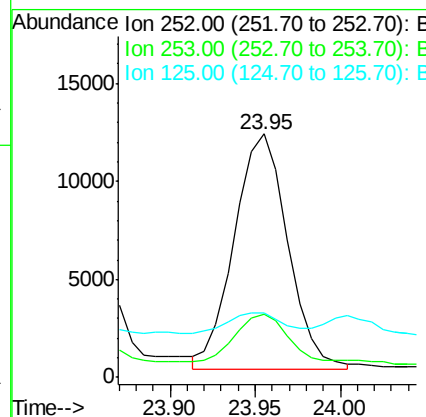
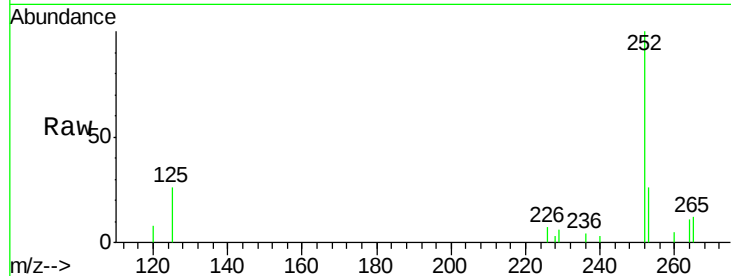
ClientSampleId :

JLC47DL

Tgt Ion:	252	Resp:	26660
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.2	27.4
125	26.2	8.3	12.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.659 ng/ul m

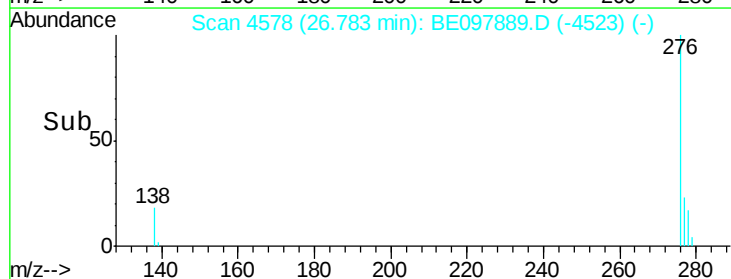
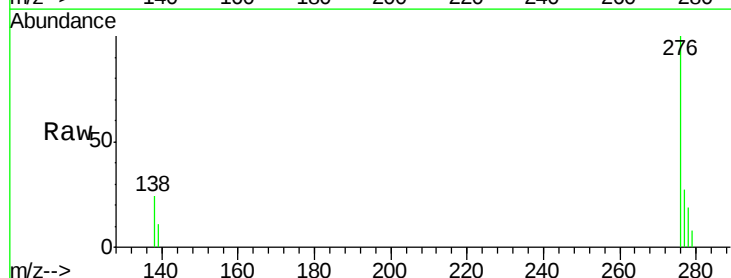
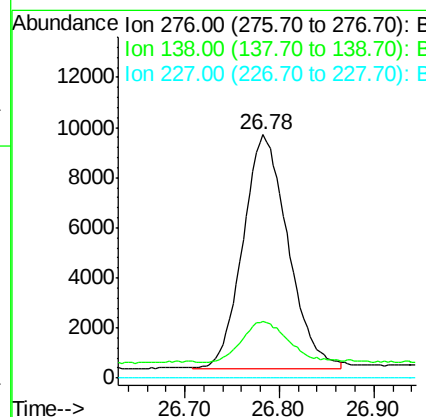
RT: 26.78 min Scan# 4578

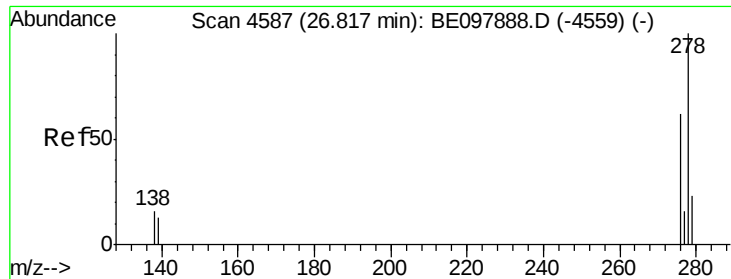
Delta R.T. -0.01 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Tgt Ion:	276	Resp:	31012
Ion Ratio	Lower	Upper	
276	100		
138	0.6	0.0	0.0#
227	0.0	0.0	0.0





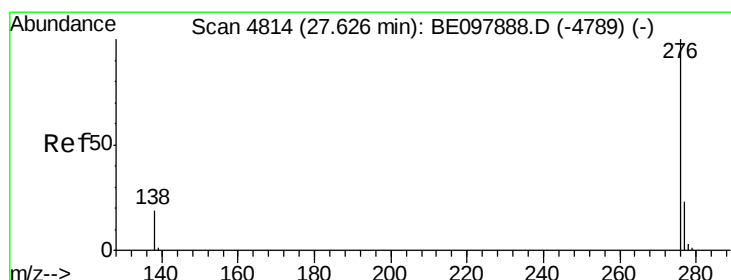
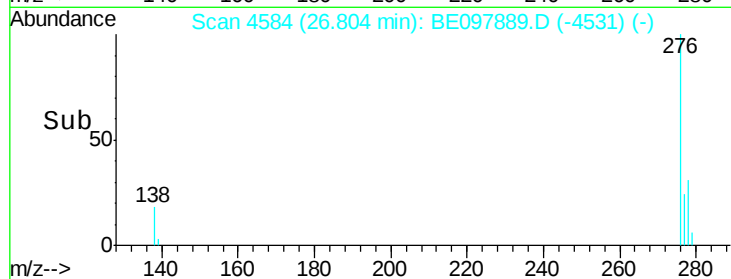
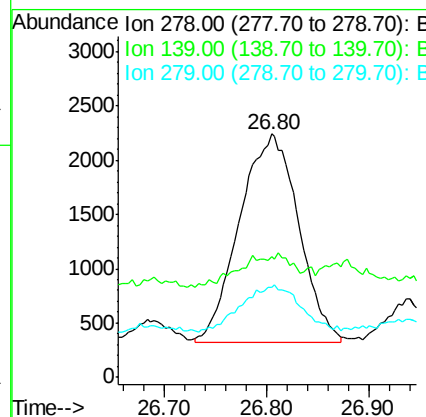
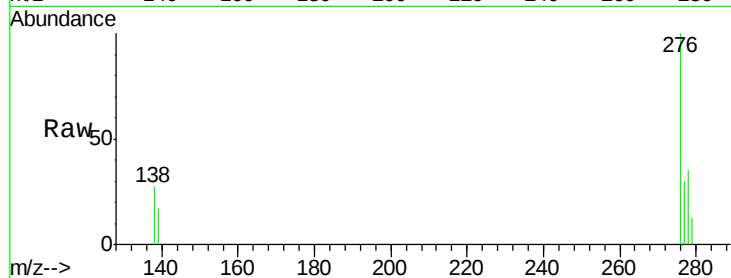
#25
Dibenzo(a,h)anthracene
Concen: 0.198 ng/ul m
RT: 26.80 min Scan# 4584
Delta R.T. -0.01 min
Lab File: BE097889.D
Acq: 12 Oct 2018 21:16

Instrument :
BNA_E
ClientSampleId :
JLC47DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.6	10.9	16.3#
279	37.0	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:55:49 PM



#26
Benzo(g,h,i)perylene
Concen: 0.836 ng/ul m
RT: 27.62 min Scan# 4812
Delta R.T. -0.01 min
Lab File: BE097889.D
Acq: 12 Oct 2018 21:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	14.3	21.5#
277	27.0	19.5	29.3

