

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097895.D
 Acq On : 13 Oct 2018 1:00
 Operator : SJ/JU
 Sample : J5183-13DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC28DL

Manual Integrations
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Sohil
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Quant Time: Oct 13 04:24:01 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	2237	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11241	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	7583	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	17306	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	17920	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	18050	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	880	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	2554	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.75	128	25832	0.944	ng/ul	99
5) 2-Methylnaphthalene	12.37	142	5441	0.275	ng/ul	99
7) Acenaphthylene	14.28	152	1457	0.051	ng/ul#	70
8) Acenaphthene	14.62	153	8224	0.369	ng/ul	96
9) Fluorene	15.61	166	10630	0.366	ng/ul	98
11) Pentachlorophenol	16.98	266	257	0.105	ng/ul#	79
12) Phenanthrene	17.35	178	205261	5.010	ng/ul	98
13) Anthracene	17.44	178	54122	1.426	ng/ul	99
15) Fluoranthene	19.37	202	539001	10.244	ng/ul	96
17) Pyrene	19.74	202	552030	10.341	ng/ul	99
18) Benzo(a)anthracene	21.48	228	381954	7.049	ng/ul	98
19) Chrysene	21.54	228	529307	10.873	ng/ul	97
21) Benzo(b)fluoranthene	23.29	252	472904m	9.803	ng/ul	
22) Benzo(k)fluoranthene	23.33	252	139167m	2.695	ng/ul	
23) Benzo(a)pyrene	23.96	252	249458	5.267	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.79	276	184606	3.433	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.81	278	49641	1.117	ng/ul#	85
26) Benzo(g,h,i)perylene	27.63	276	198254	4.232	ng/ul	97

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

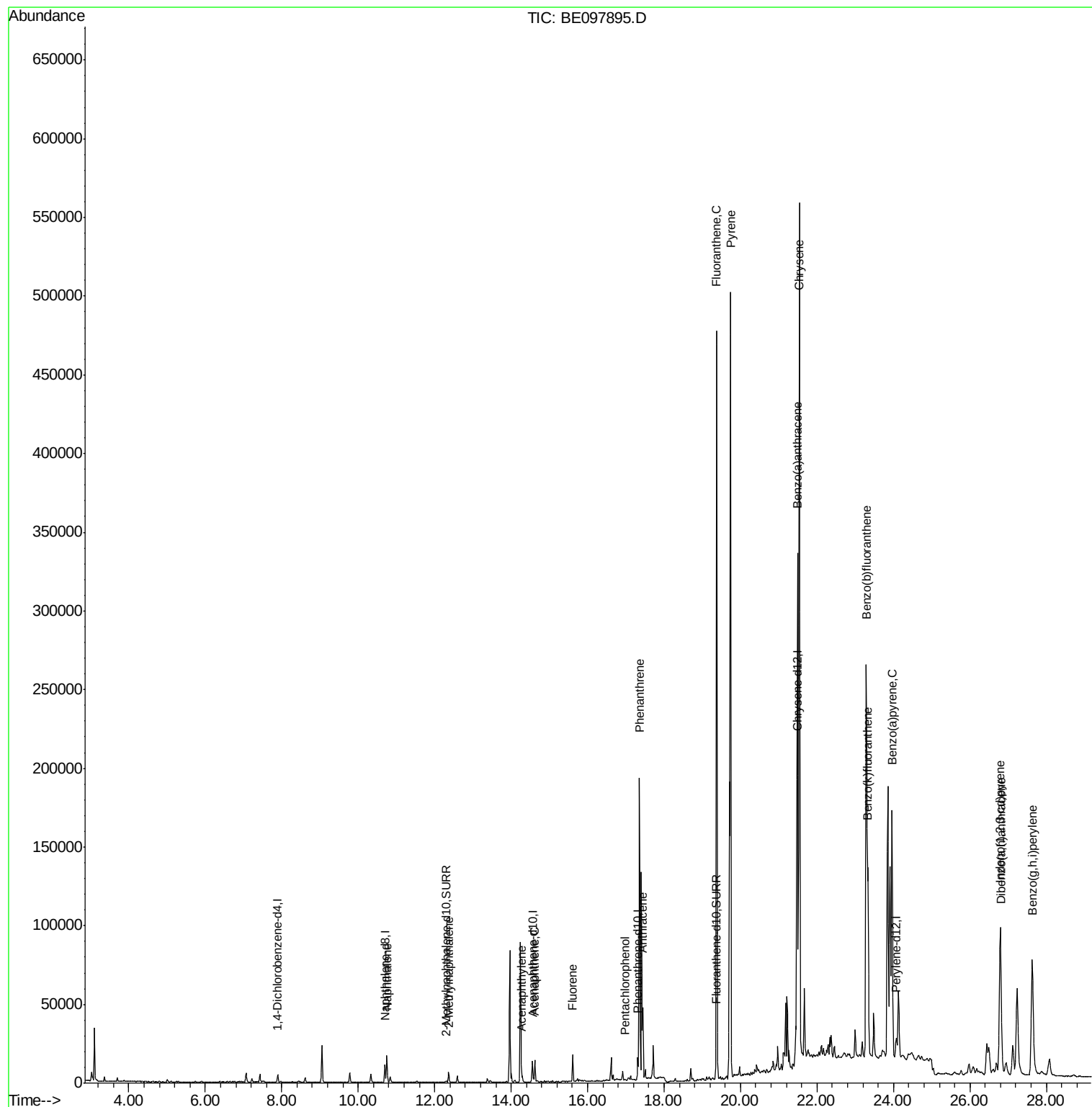
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
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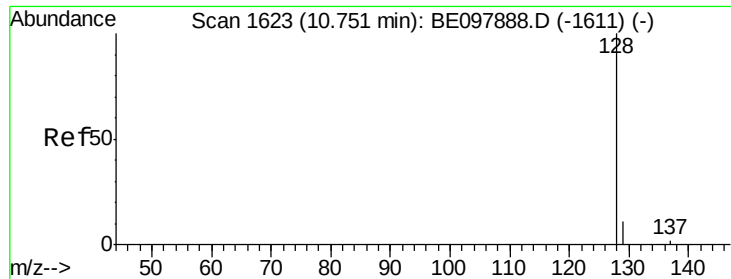
Instrument :
BNA_E
ClientSampled :
JLC28DL

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Quant Time: Oct 13 04:24:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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#3

Naphthalene

Concen: 0.944 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

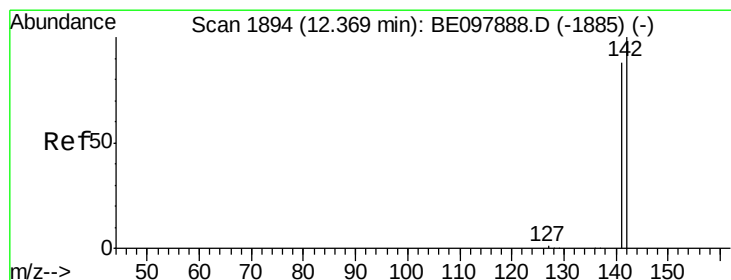
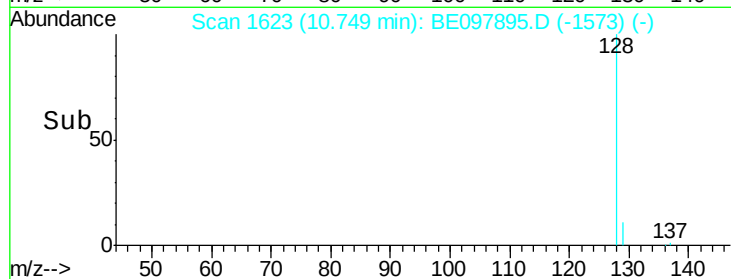
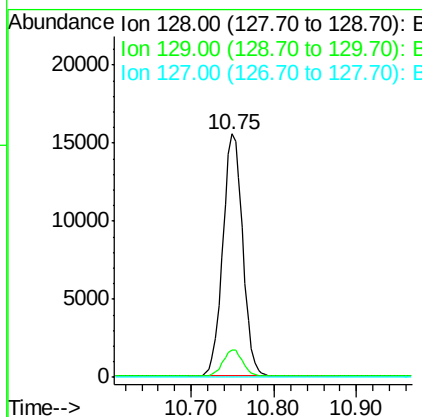
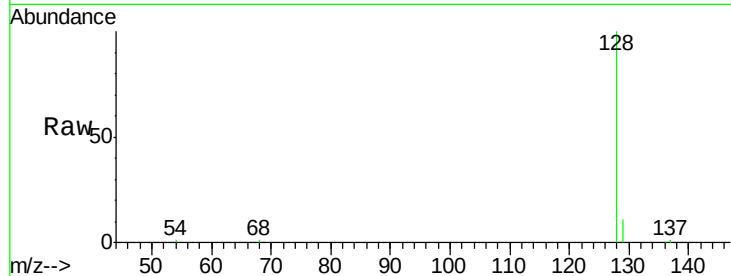
ClientSampleId :

JLC28DL

Tgt Ion:	128	Resp:	25832
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.275 ng/ul

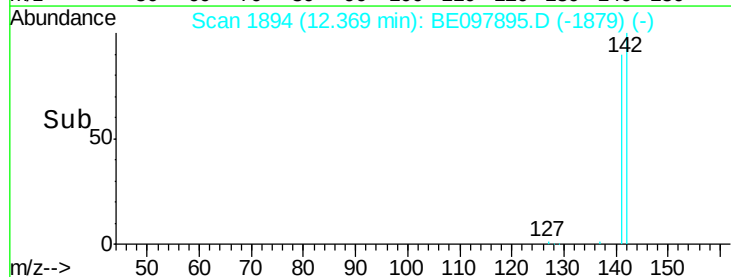
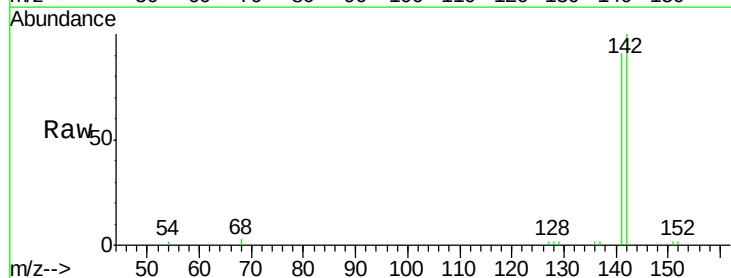
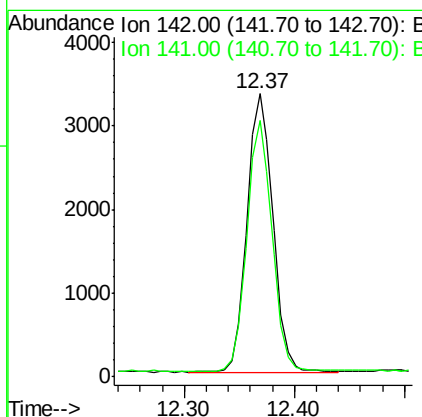
RT: 12.37 min Scan# 1894

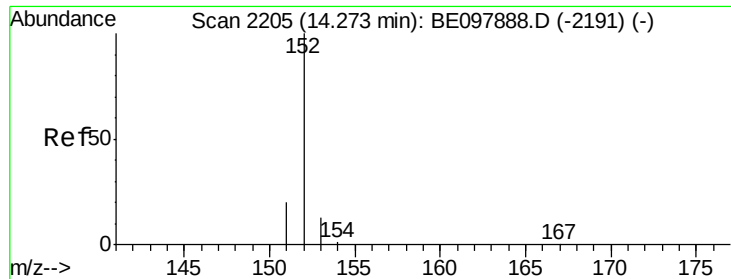
Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Tgt Ion:	142	Resp:	5441
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.6	107.4





#7

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.28 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

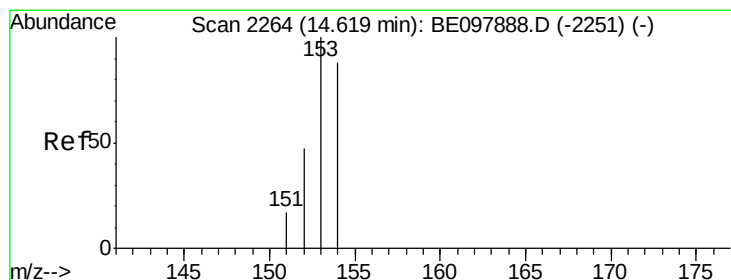
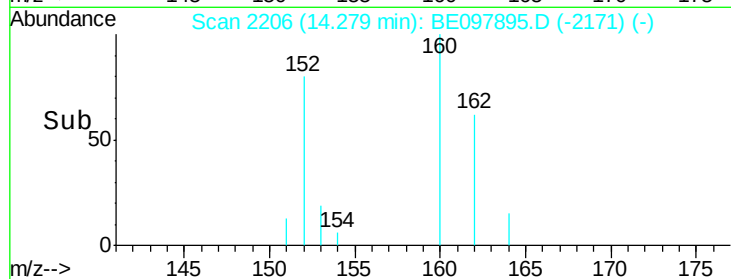
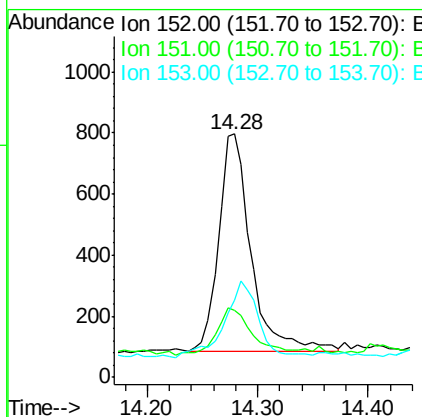
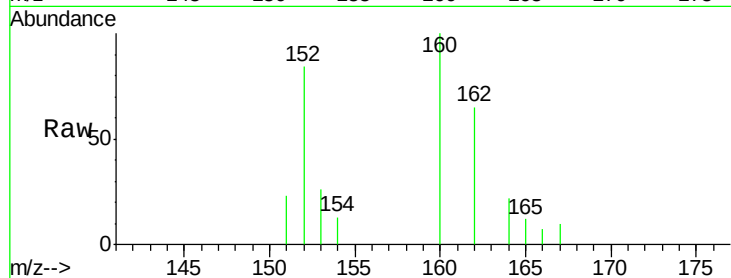
ClientSampleId :

JLC28DL

Tgt Ion:	152	Resp:	1457
Ion Ratio	Lower	Upper	
152	100		
151	27.4	15.0	22.6#
153	31.5	10.5	15.7#

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#8

Acenaphthene

Concen: 0.369 ng/ul

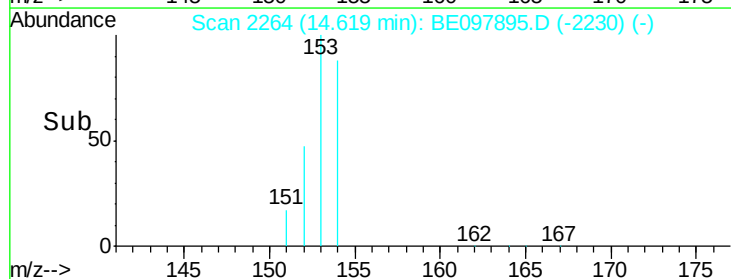
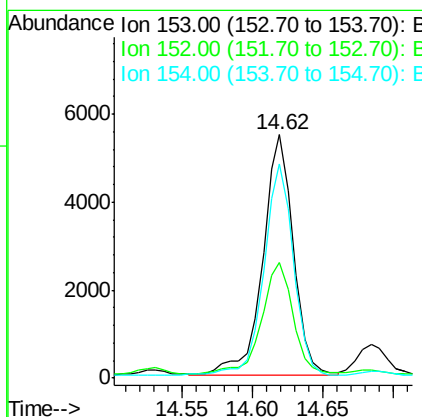
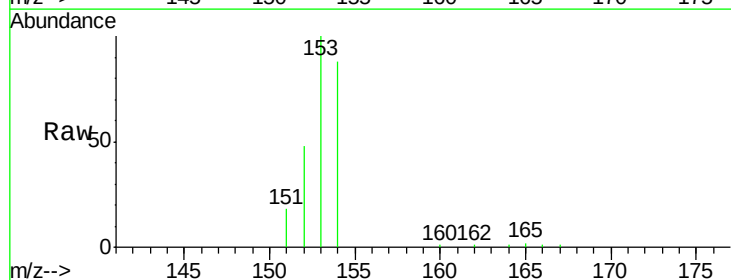
RT: 14.62 min Scan# 2264

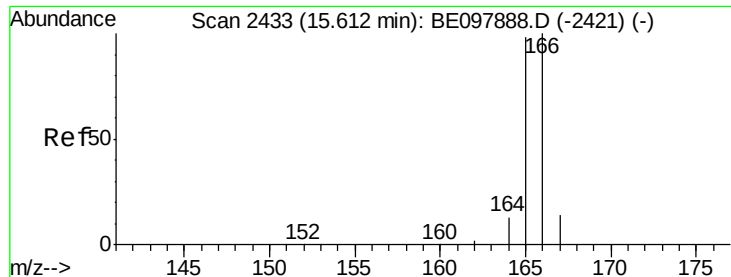
Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Tgt Ion:	153	Resp:	8224
Ion Ratio	Lower	Upper	
153	100		
152	47.6	41.2	61.8
154	88.0	68.6	103.0





#9

Fluorene

Concen: 0.366 ng/ul

RT: 15.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

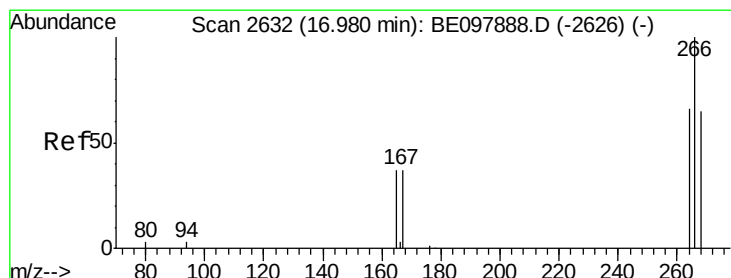
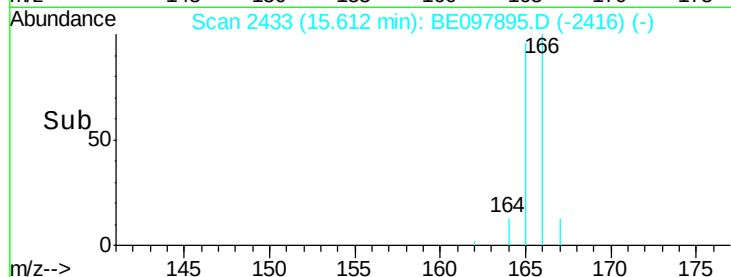
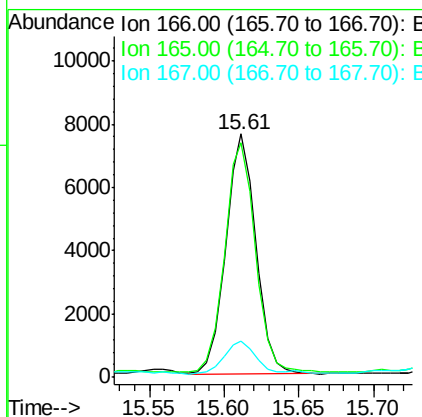
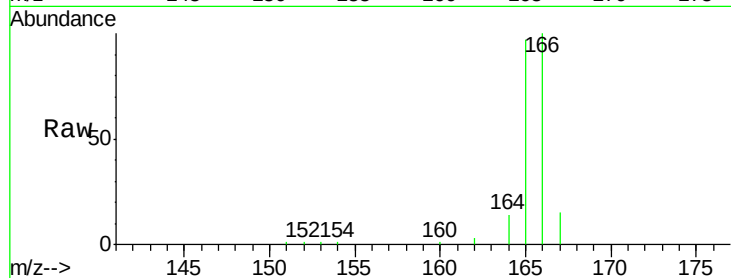
ClientSampleId :

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Tgt Ion:	166	Resp:	10630
Ion Ratio	Lower	Upper	
166	100		
165	96.6	79.2	118.8
167	14.8	11.3	16.9

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#11

Pentachlorophenol

Concen: 0.105 ng/ul

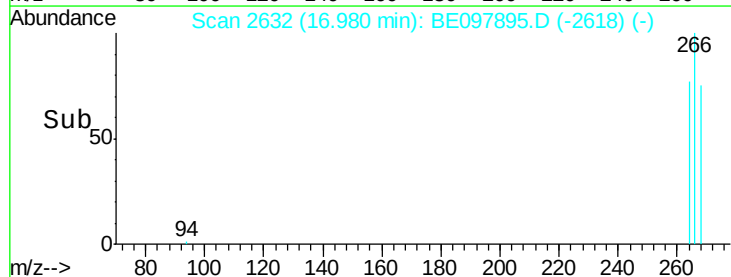
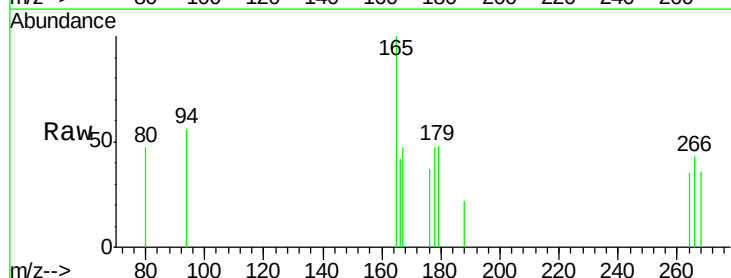
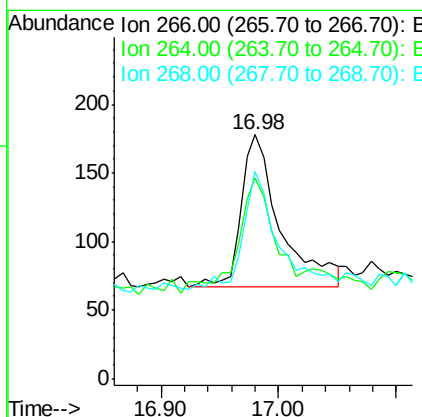
RT: 16.98 min Scan# 2632

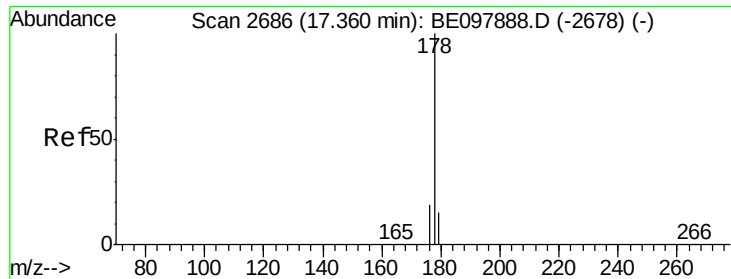
Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Tgt Ion:	266	Resp:	257
Ion Ratio	Lower	Upper	
266	100		
264	84.4	49.8	74.8#
268	70.8	48.4	72.6





#12

Phenanthrene

Concen: 5.010 ng/ul

RT: 17.35 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

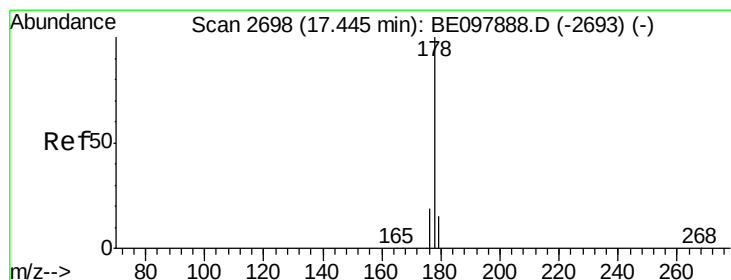
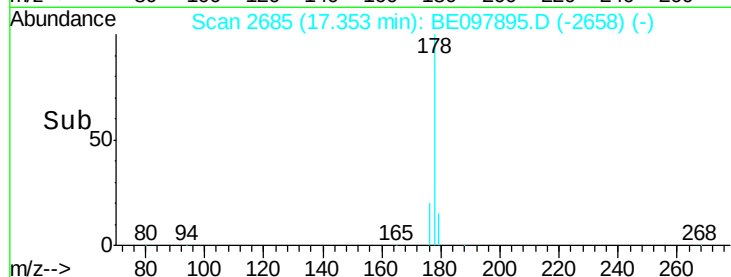
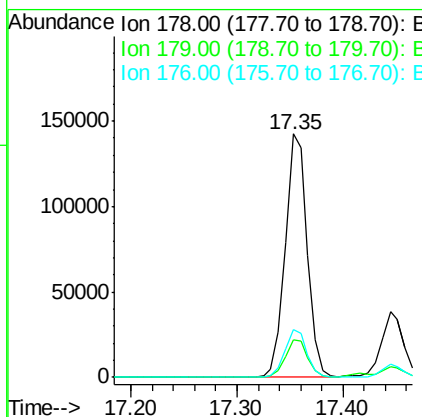
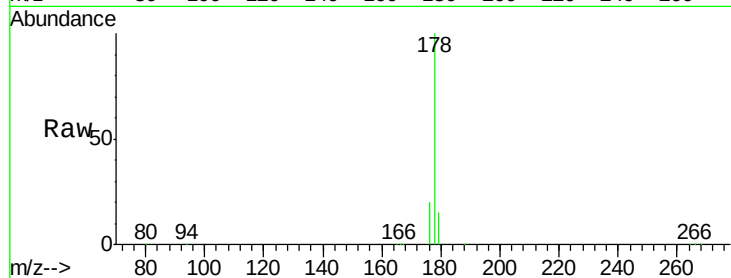
ClientSampleId :

JLC28DL

Tgt Ion:	178	Resp:	205261
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.8	19.2
176	19.7	14.9	22.3

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#13

Anthracene

Concen: 1.426 ng/ul

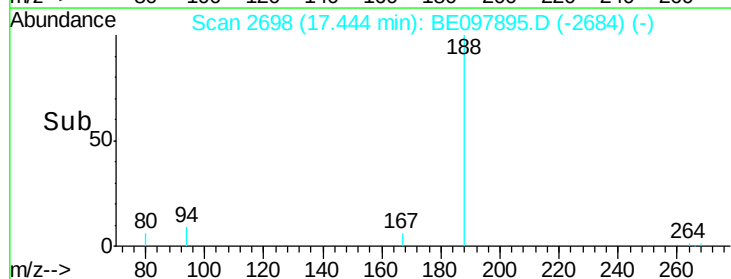
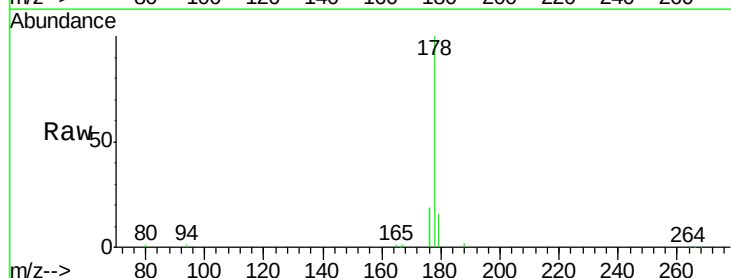
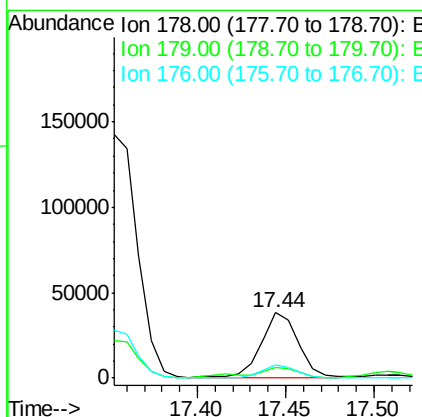
RT: 17.44 min Scan# 2698

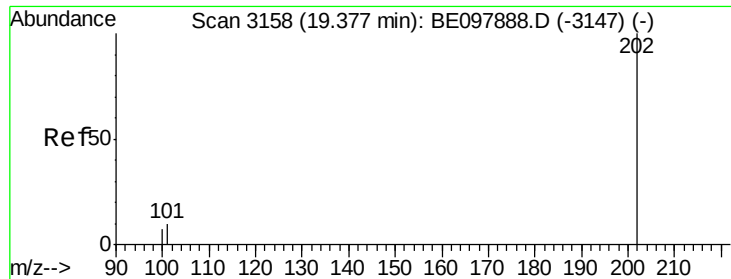
Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Tgt Ion:	178	Resp:	54122
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	19.5	15.5	23.3





#15

Fluoranthene

Concen: 10.244 ng/ul

RT: 19.37 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

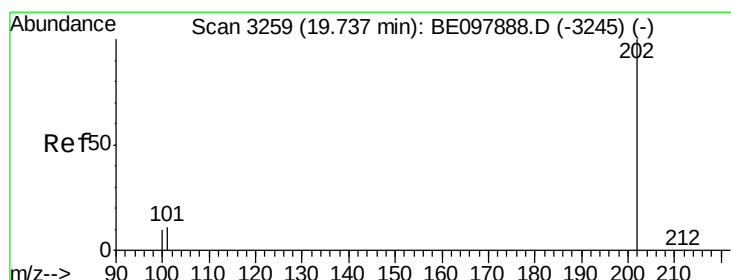
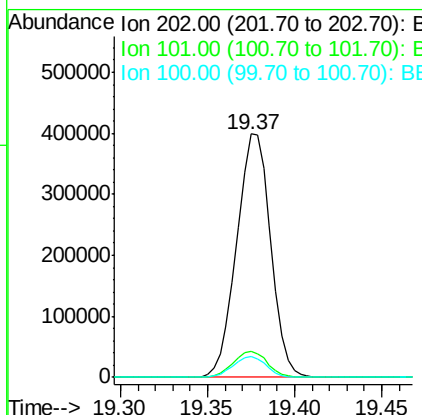
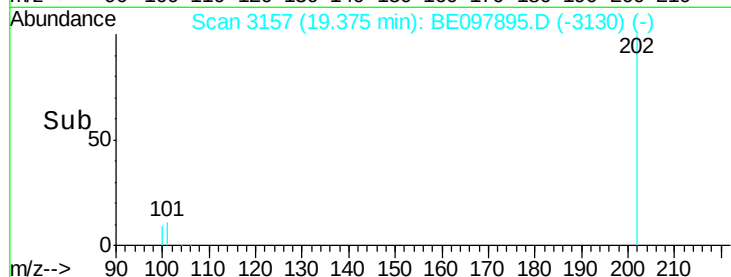
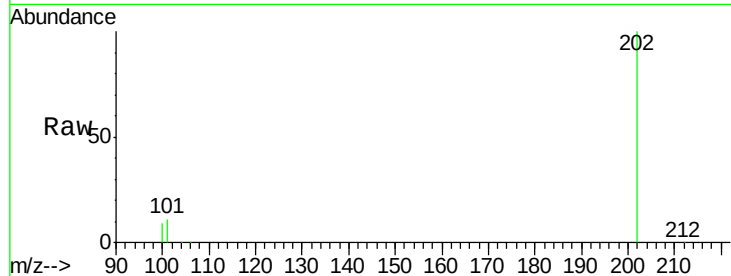
ClientSampleId :

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Tgt	Ion	202	Resp	539001
Ion	Ratio	Lower	Upper	
202	100			
101	10.7	0.0	29.3	
100	8.8	0.0	27.5	

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#17

Pyrene

Concen: 10.341 ng/ul

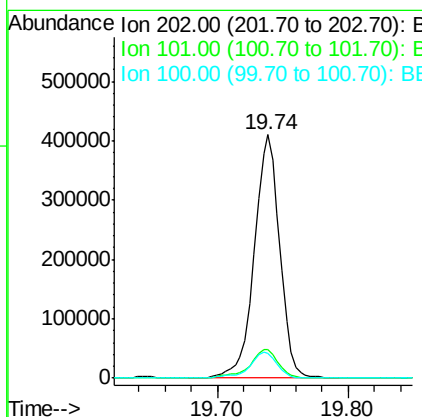
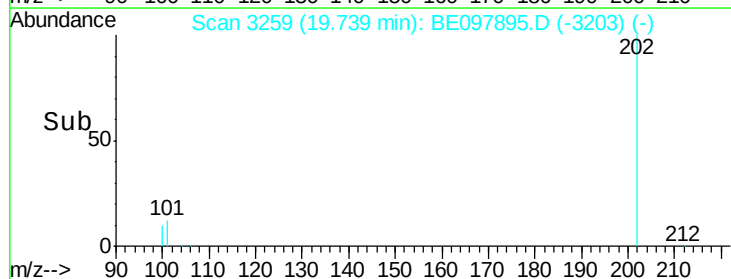
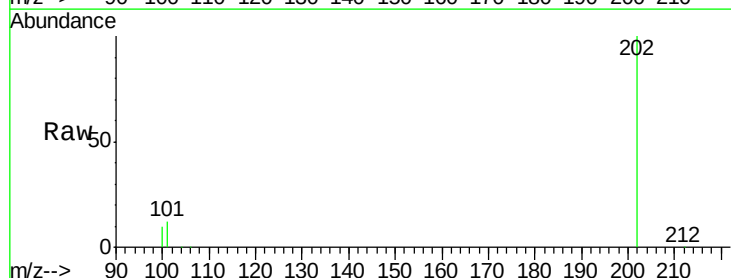
RT: 19.74 min Scan# 3259

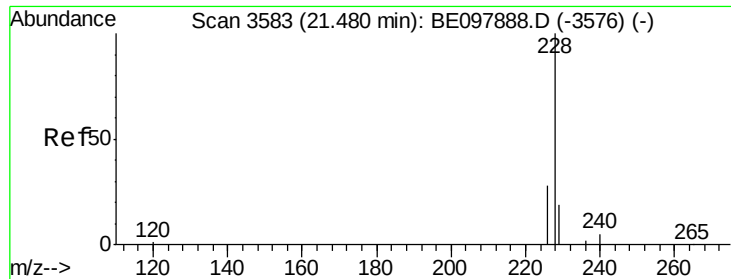
Delta R.T. 0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Tgt	Ion	202	Resp	552030
Ion	Ratio	Lower	Upper	
202	100			
101	11.7	8.8	13.2	
100	10.2	7.9	11.9	





#18

Benzo(a)anthracene

Concen: 7.049 ng/ul

RT: 21.48 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

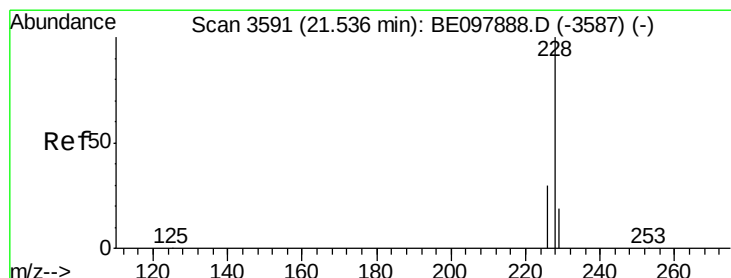
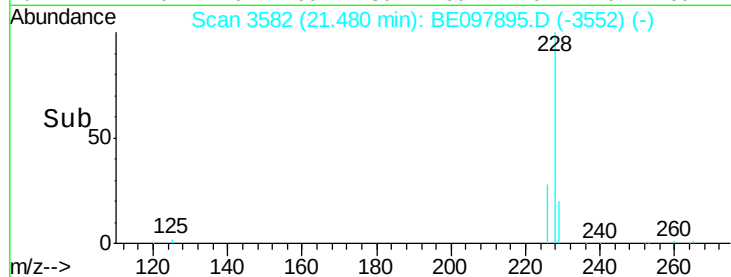
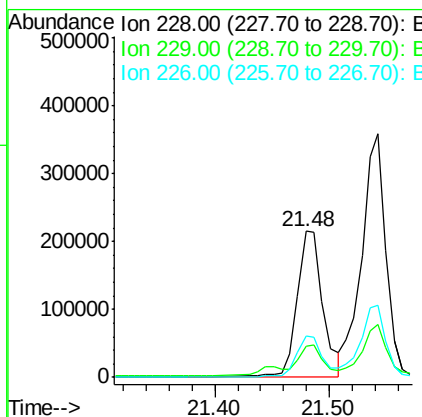
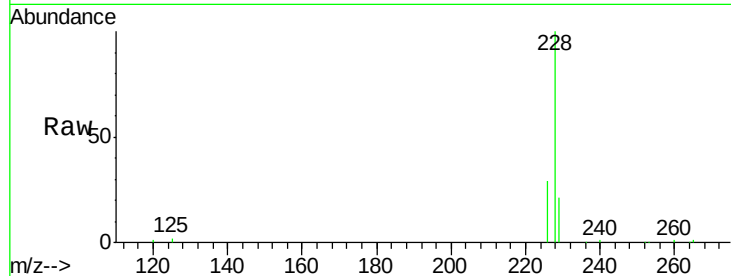
ClientSampleId :

JLC28DL

Tgt Ion:	228	Resp:	381954
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.4	24.6
226	28.7	21.5	32.3

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#19

Chrysene

Concen: 10.873 ng/ul

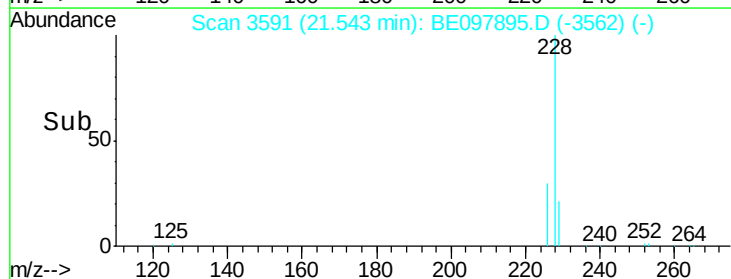
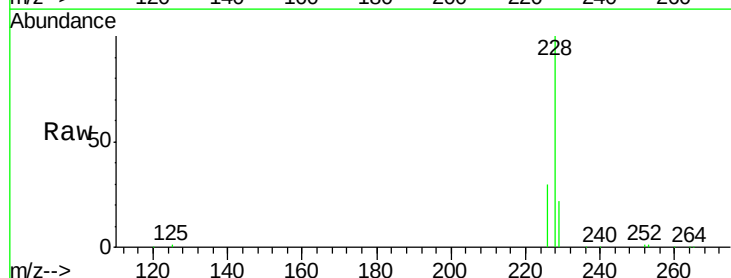
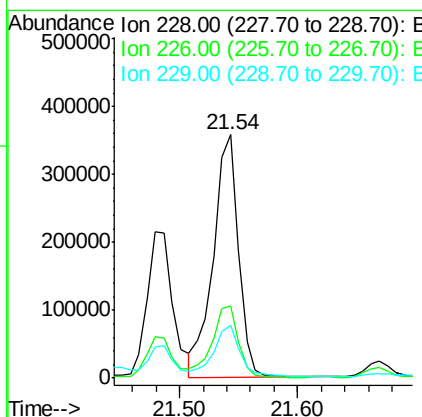
RT: 21.54 min Scan# 3591

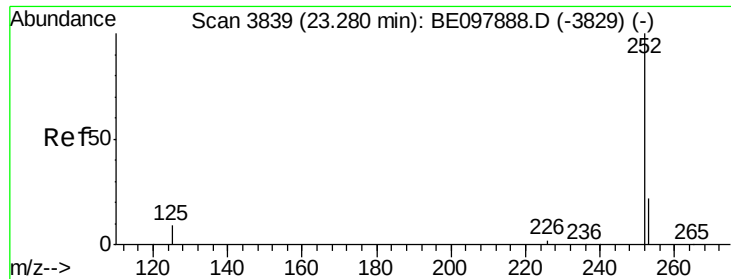
Delta R.T. 0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Tgt Ion:	228	Resp:	529307
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.0	34.4
229	21.6	15.5	23.3





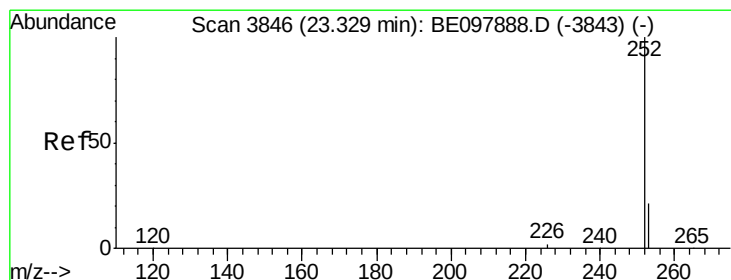
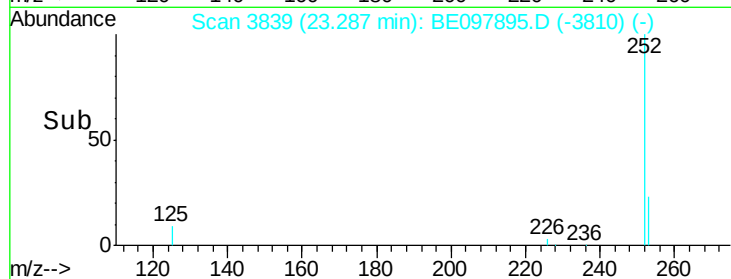
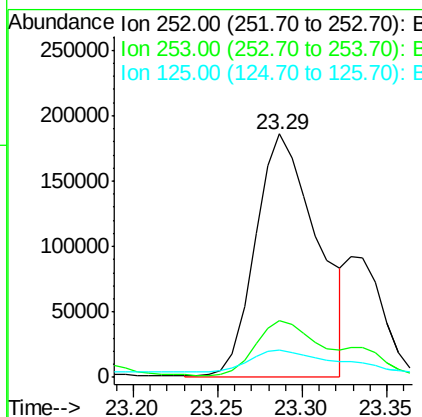
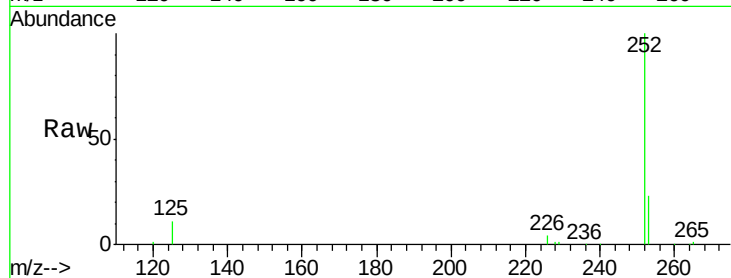
#21
Benzo(b)fluoranthene
Concen: 9.803 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BE097895.D
Acq: 13 Oct 2018 1:00

Instrument :
BNA_E
ClientSampleId :
JLC28DL

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	0.0	47.0
125	11.2	0.0	18.2

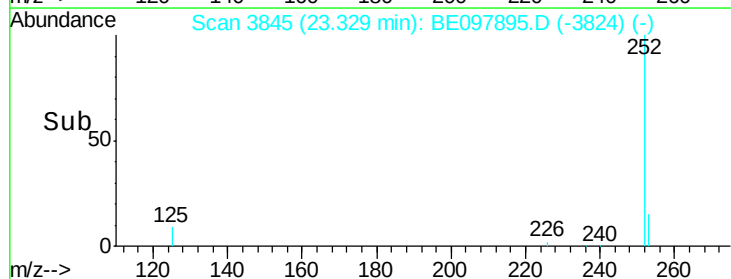
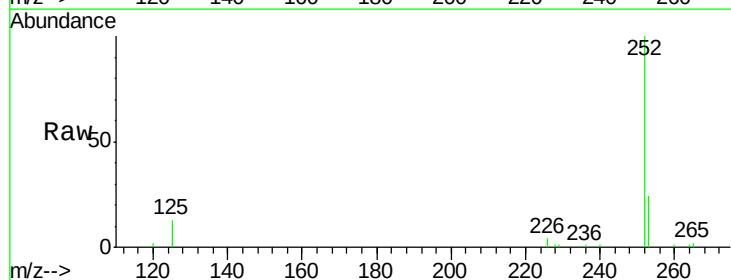
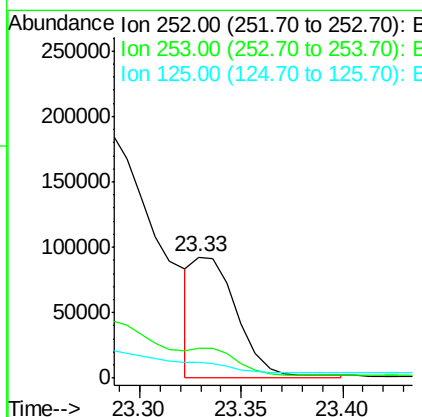
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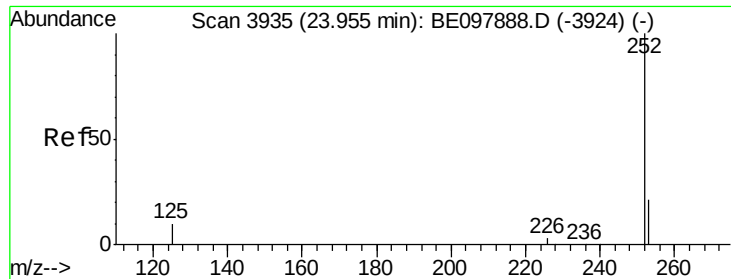
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#22
Benzo(k)fluoranthene
Concen: 2.695 ng/ul m
RT: 23.33 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BE097895.D
Acq: 13 Oct 2018 1:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	17.8	26.6
125	13.4	9.4	14.0





#23

Benzo(a)pyrene

Concen: 5.267 ng/ul

RT: 23.96 min Scan# 3935

Delta R.T. 0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

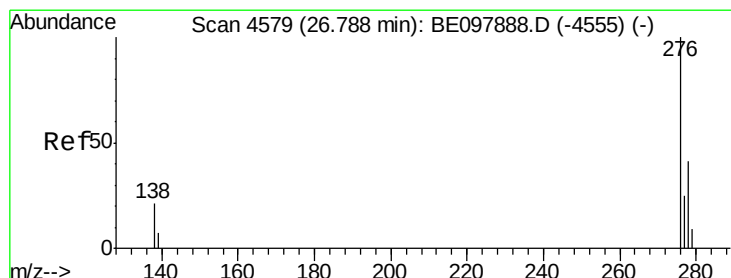
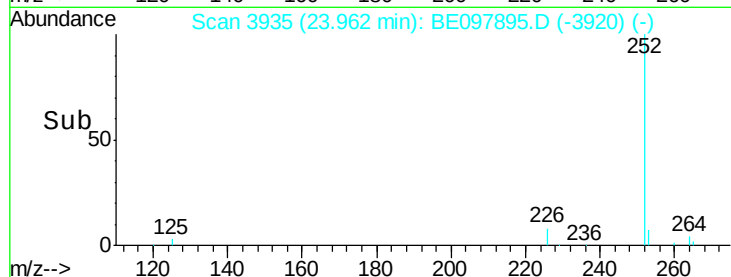
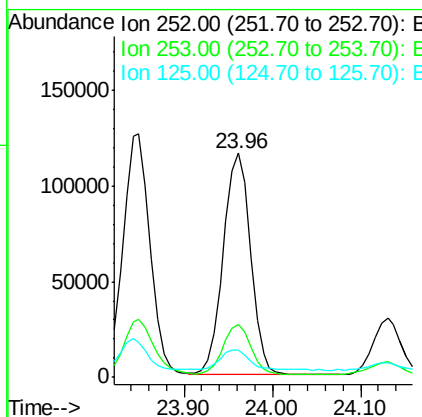
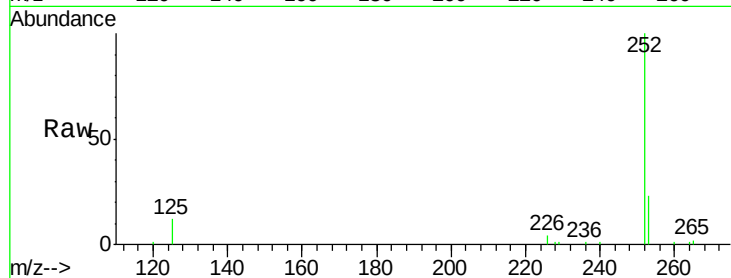
ClientSampleId :

JLC28DL

Tgt Ion:	252	Resp:	249458
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.4
125	12.4	8.3	12.5

Manual Integrations
APPROVED

Sohil
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#24

Indeno(1,2,3-cd)pyrene

Concen: 3.433 ng/ul

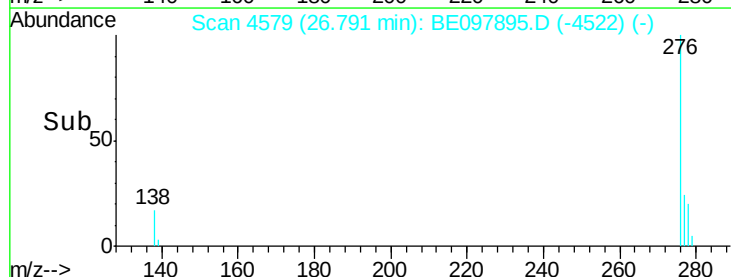
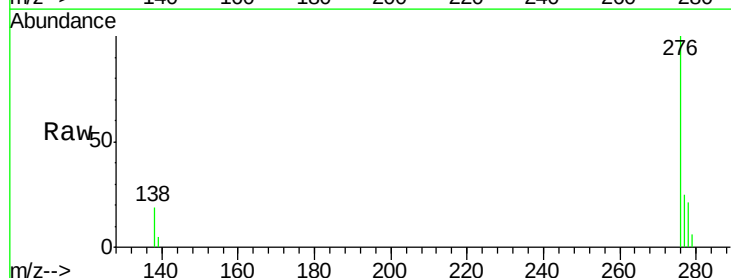
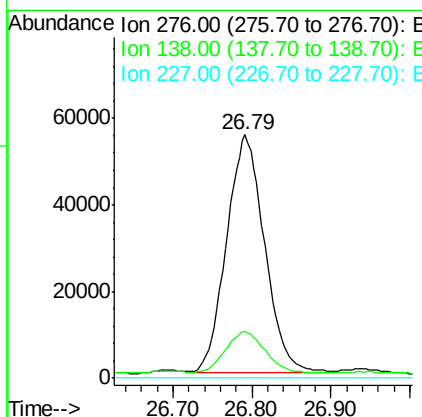
RT: 26.79 min Scan# 4579

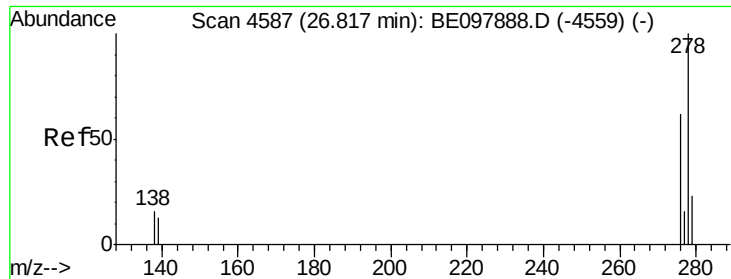
Delta R.T. 0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Tgt Ion:	276	Resp:	184606
Ion Ratio	Lower	Upper	
276	100		
138	18.1	0.0	0.0#
227	0.0	0.0	0.0





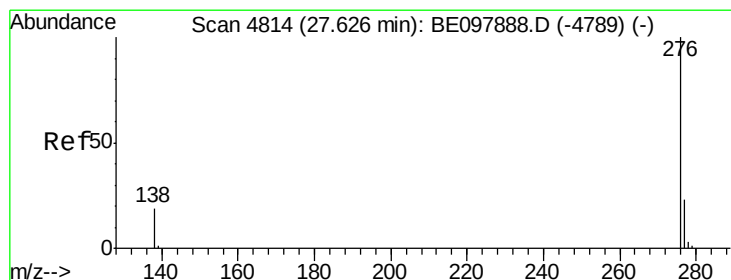
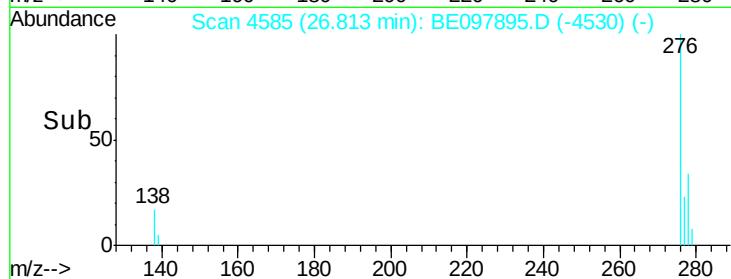
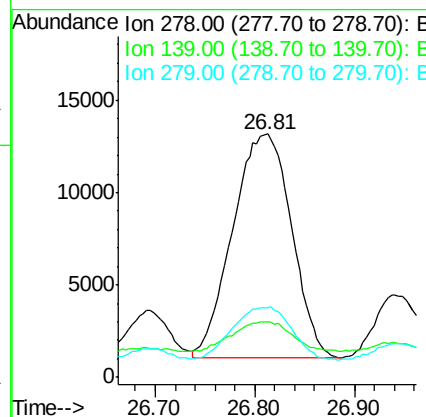
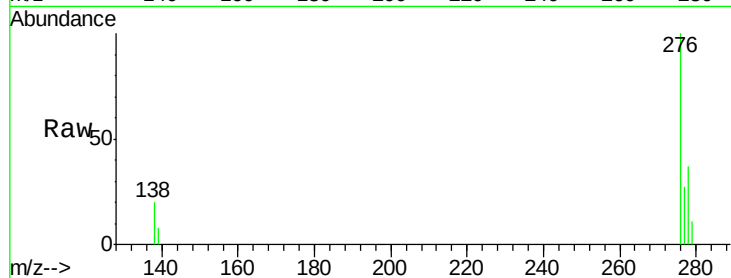
#25
Dibenzo(a,h)anthracene
Concen: 1.117 ng/ul
RT: 26.81 min Scan# 4585
Delta R.T. -0.00 min
Lab File: BE097895.D
Acq: 13 Oct 2018 1:00

Instrument :
BNA_E
ClientSampleId :
JLC28DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	10.9	16.3#
279	28.7	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:07 PM



#26
Benzo(g,h,i)perylene
Concen: 4.232 ng/ul
RT: 27.63 min Scan# 4814
Delta R.T. 0.00 min
Lab File: BE097895.D
Acq: 13 Oct 2018 1:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	14.3	21.5
277	24.7	19.5	29.3

