

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097858.D
 Acq On : 11 Oct 2018 15:35
 Operator : SJ/JU
 Sample : J5184-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC20

Manual Integrations
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Quant Time: Oct 11 16:37:30 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 : Thu Oct 11 14:16:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3059	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	15843	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	12441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	31603m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	33355m	0.40	ng/ul	0.00
20) Perylene-d12	24.04	264	30166m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8907	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	32707m	0.32	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	13180	0.342	ng/ul	97
5) 2-Methylnaphthalene	12.36	142	6235	0.224	ng/ul	100
7) Acenaphthylene	14.26	152	4329	0.092	ng/ul#	84
8) Acenaphthene	14.61	153	3409	0.093	ng/ul	96
9) Fluorene	15.60	166	4306	0.090	ng/ul#	96
11) Pentachlorophenol	16.94	266	1193m	0.268	ng/ul	
12) Phenanthrene	17.34	178	86964	1.162	ng/ul	98
13) Anthracene	17.43	178	18282m	0.264	ng/ul	
15) Fluoranthene	19.36	202	279013m	2.904	ng/ul	
17) Pyrene	19.72	202	323929	3.260	ng/ul	99
18) Benzo(a)anthracene	21.47	228	303533m	3.010	ng/ul	
19) Chrysene	21.52	228	681132	7.517	ng/ul	96
21) Benzo(b)fluoranthene	23.26	252	959707m	11.904	ng/ul	
22) Benzo(k)fluoranthene	23.31	252	231772m	2.686	ng/ul	
23) Benzo(a)pyrene	23.93	252	242093	3.058	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.73	276	310066	3.451	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.75	278	87220	1.174	ng/ul#	85
26) Benzo(g,h,i)perylene	27.56	276	387466	4.949	ng/ul	98

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

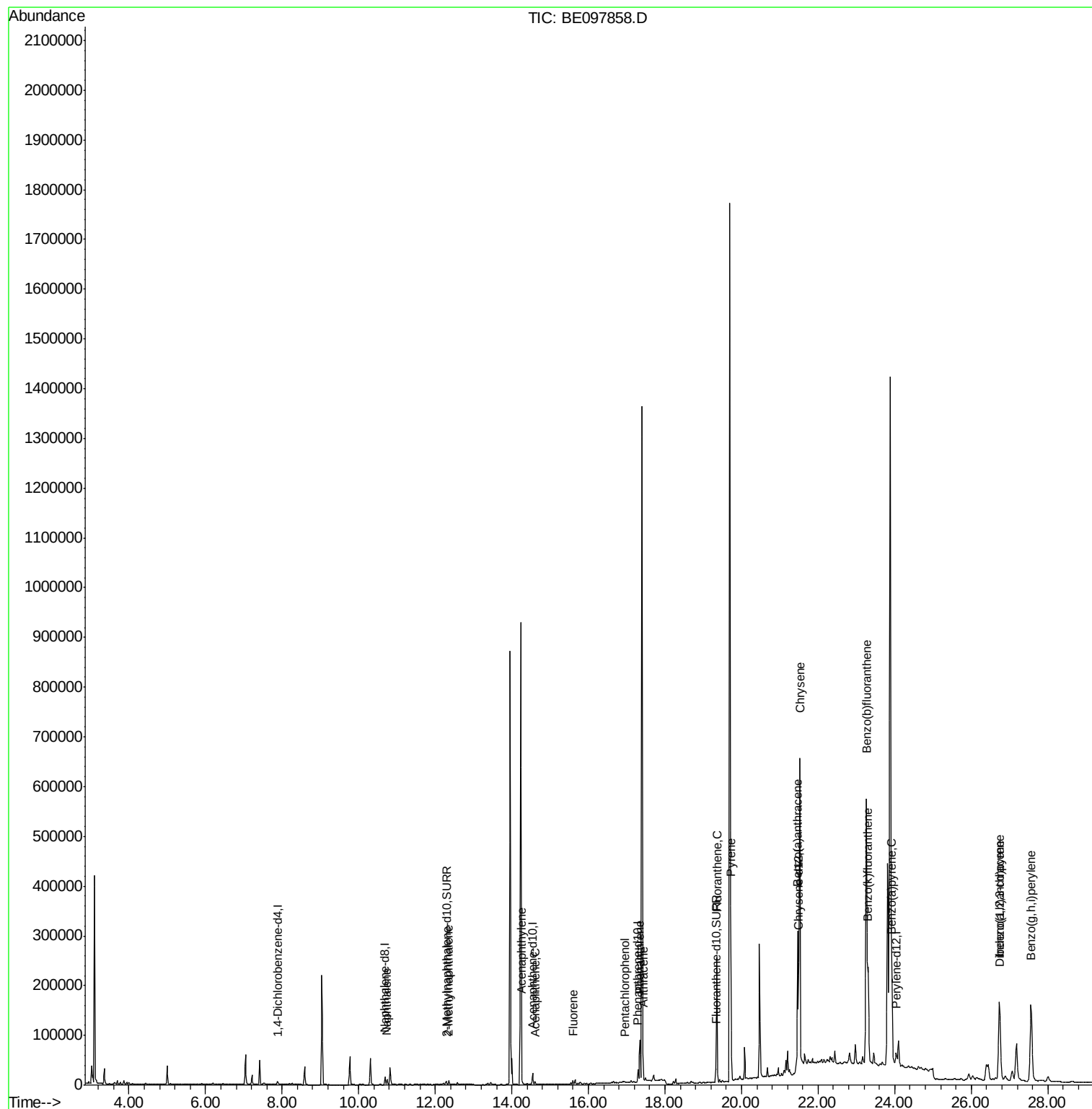
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

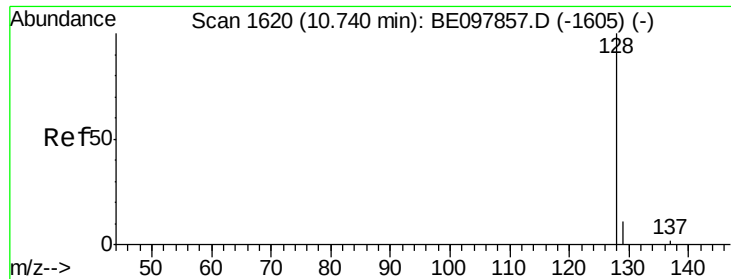
Instrument :
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JLC20

Quant Time: Oct 11 16:37:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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#3

Naphthalene

Concen: 0.342 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Instrument :

BNA_E

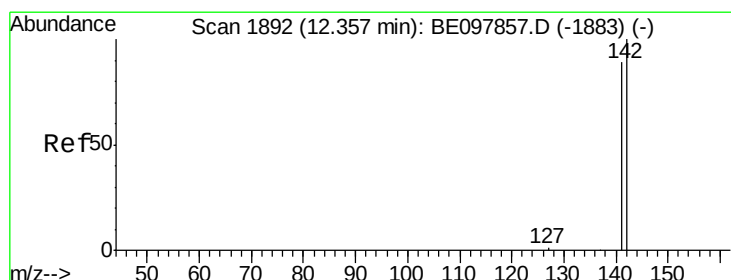
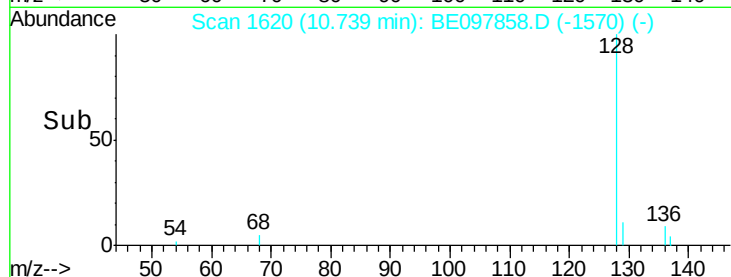
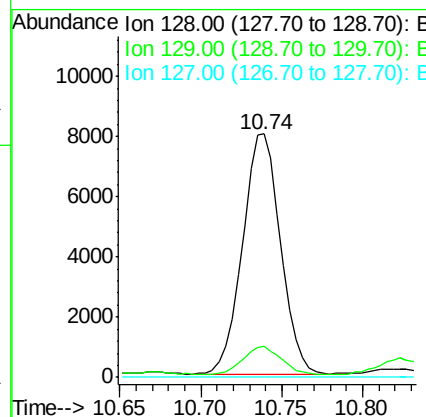
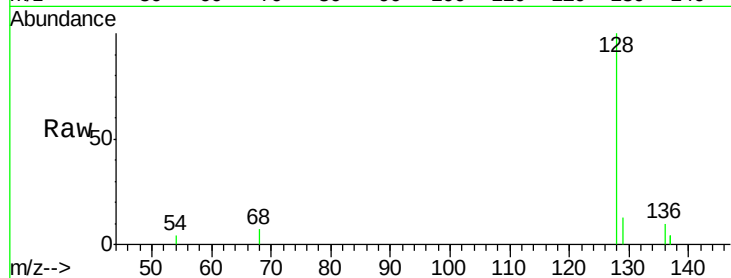
ClientSampleId :

JLC20

Tgt Ion:	128	Resp:	13180
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.224 ng/ul

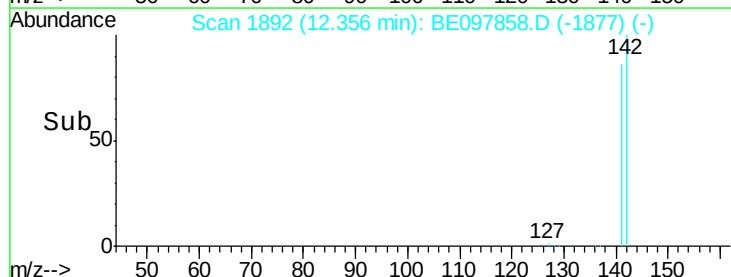
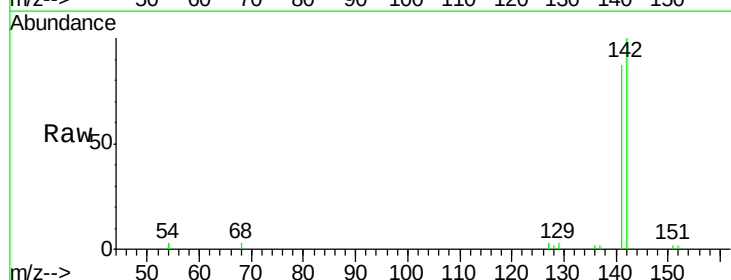
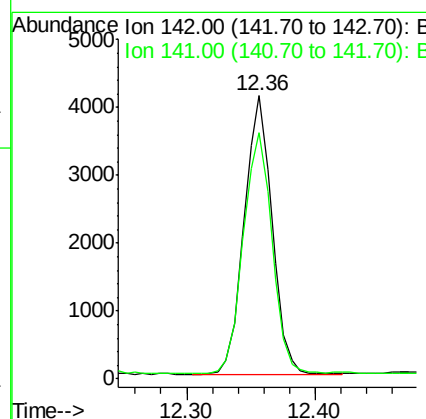
RT: 12.36 min Scan# 1892

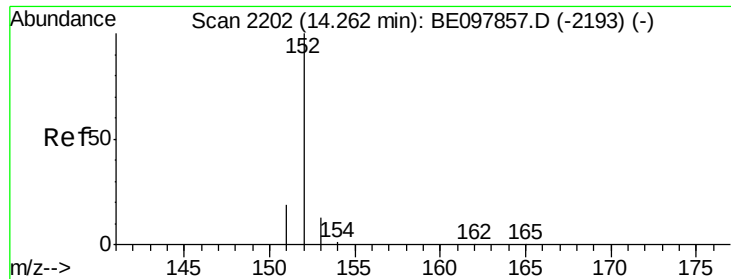
Delta R.T. -0.00 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Tgt Ion:	142	Resp:	6235
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.6	107.4





#7

Acenaphthylene

Concen: 0.092 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Instrument :

BNA_E

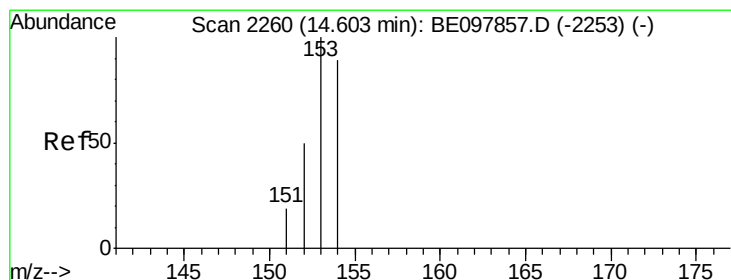
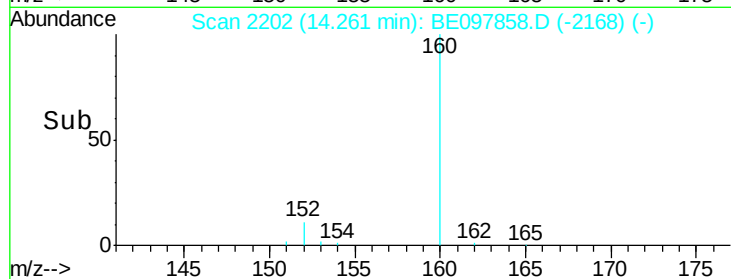
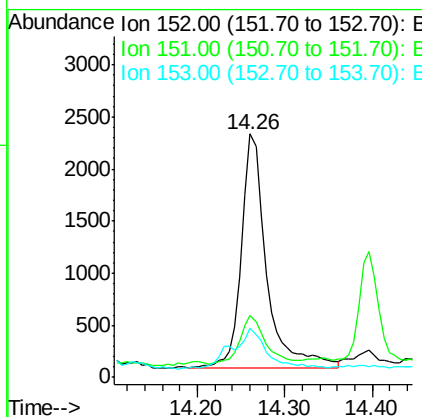
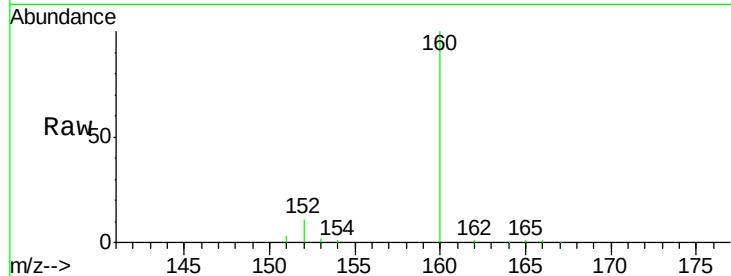
ClientSampleId :

JLC20

Tgt Ion:	152	Resp:	4329
Ion Ratio	Lower	Upper	
152	100		
151	25.6	15.0	22.6#
153	20.1	10.5	15.7#

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#8

Acenaphthene

Concen: 0.093 ng/ul

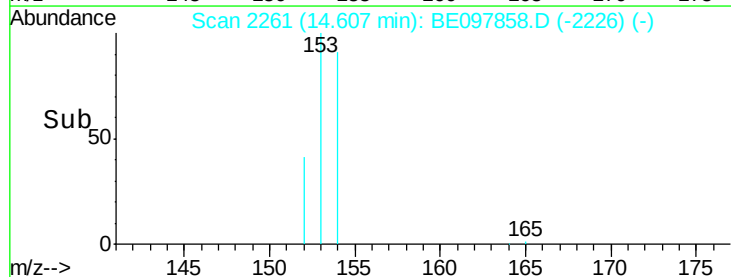
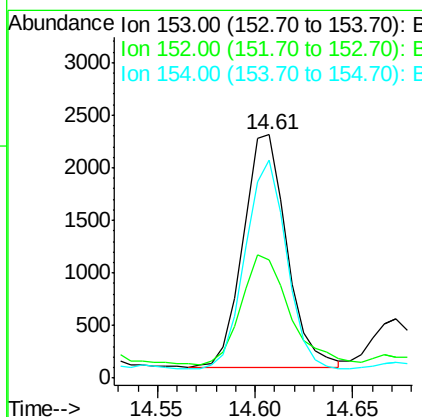
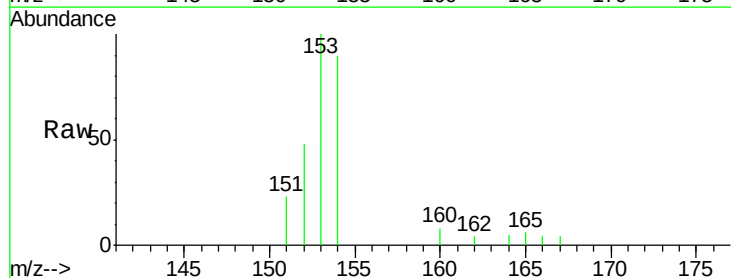
RT: 14.61 min Scan# 2261

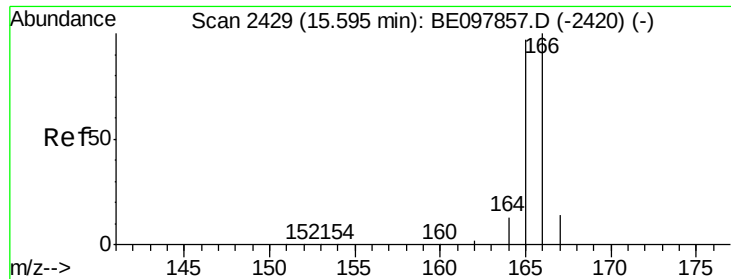
Delta R.T. 0.01 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Tgt Ion:	153	Resp:	3409
Ion Ratio	Lower	Upper	
153	100		
152	48.4	41.2	61.8
154	89.5	68.6	103.0





#9

Fluorene

Concen: 0.090 ng/ul

RT: 15.60 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Instrument :

BNA_E

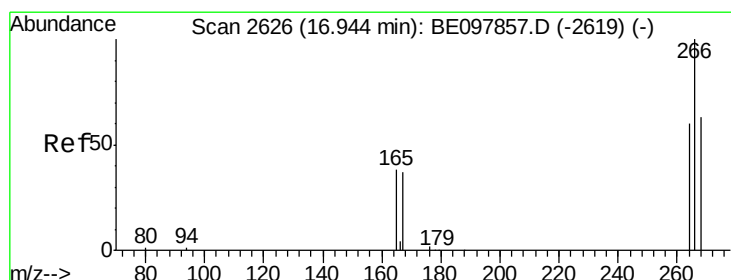
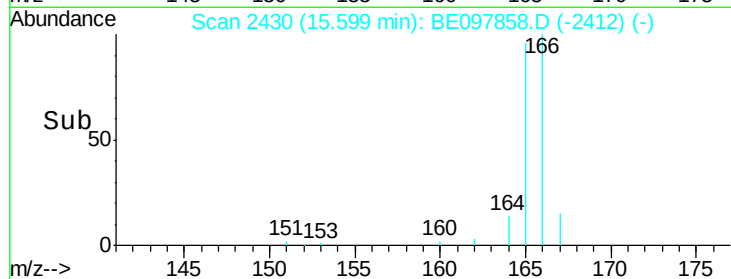
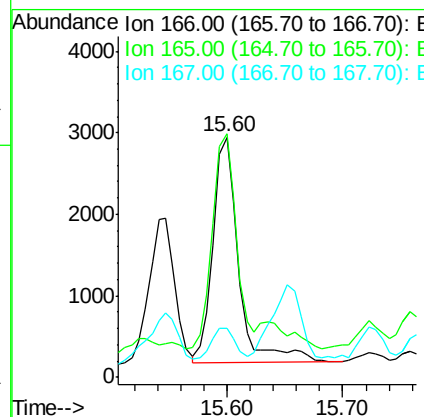
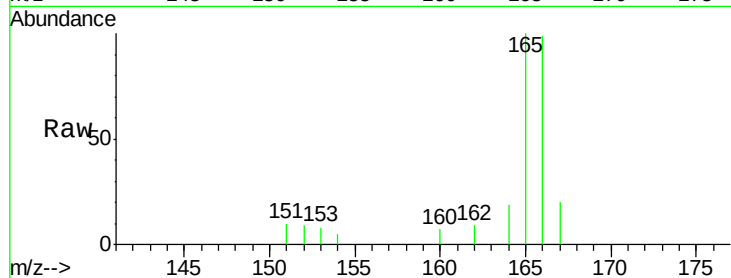
ClientSampleId :

JLC20

Tgt Ion:	166	Resp:	4306
Ion Ratio	Lower	Upper	
166	100		
165	101.5	79.2	118.8
167	20.7	11.3	16.9#

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#11

Pentachlorophenol

Concen: 0.268 ng/ul m

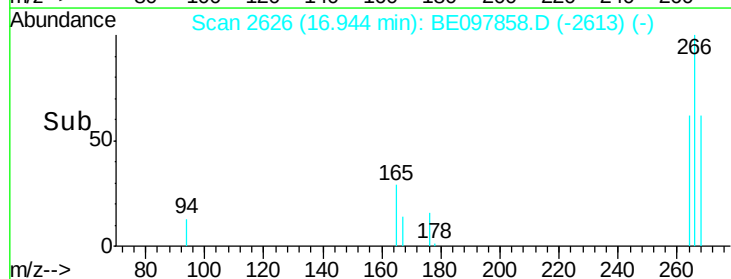
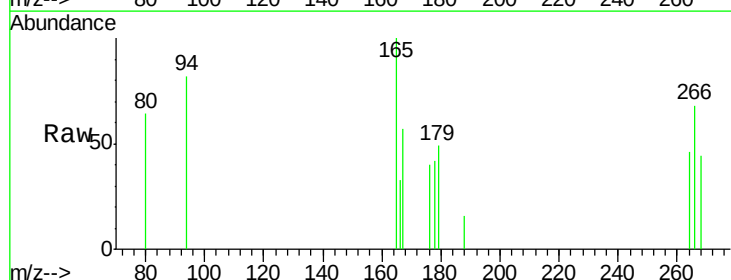
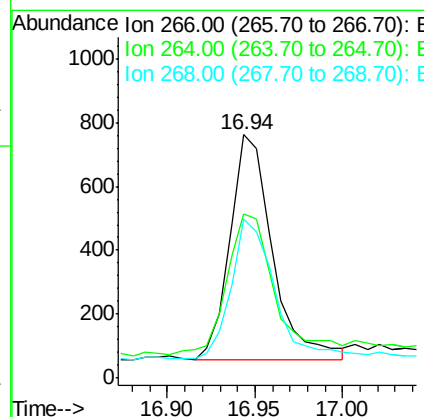
RT: 16.94 min Scan# 2626

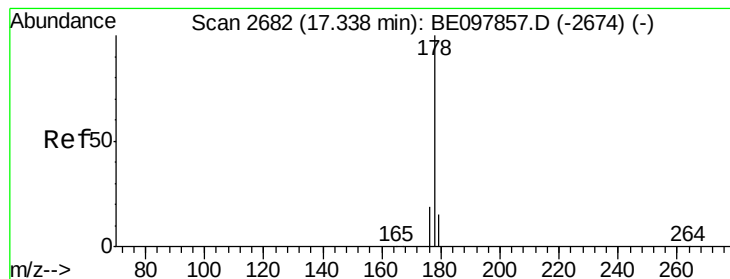
Delta R.T. -0.01 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Tgt Ion:	266	Resp:	1193
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.8	74.8#
268	0.0	48.4	72.6#





#12

Phenanthrene

Concen: 1.162 ng/ul

RT: 17.34 min Scan# 2682

Delta R.T. -0.00 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Instrument :

BNA_E

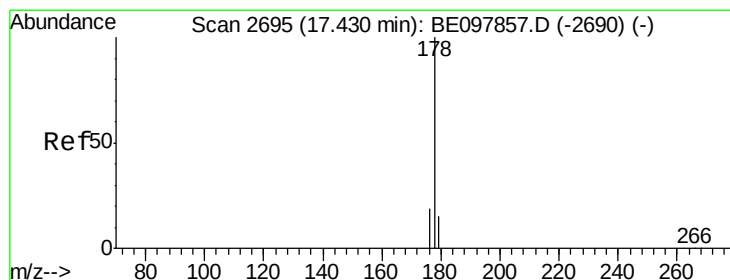
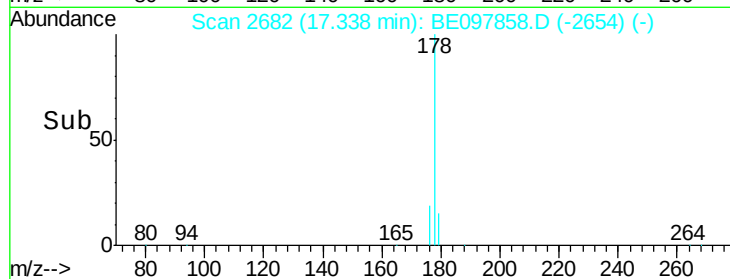
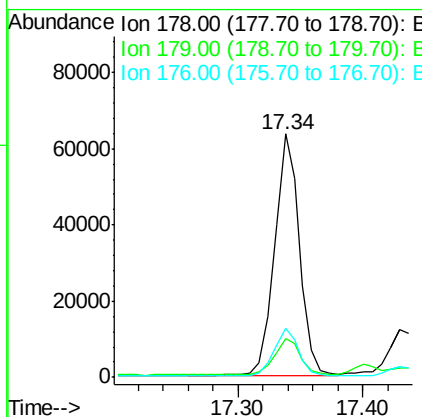
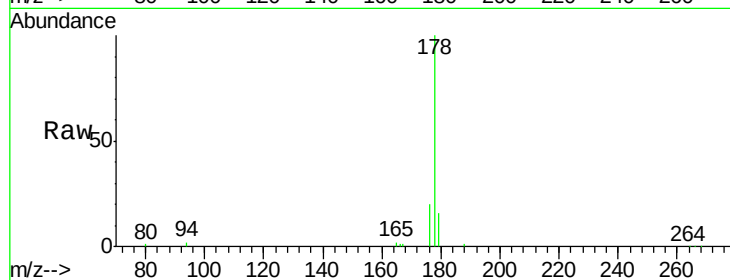
ClientSampleId :

JLC20

Tgt Ion:	178	Resp:	86964
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.8	19.2
176	19.9	14.9	22.3

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#13

Anthracene

Concen: 0.264 ng/ul m

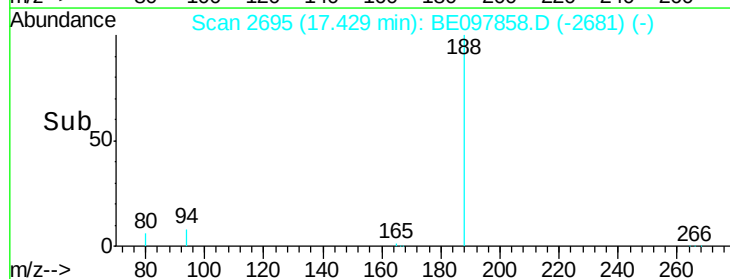
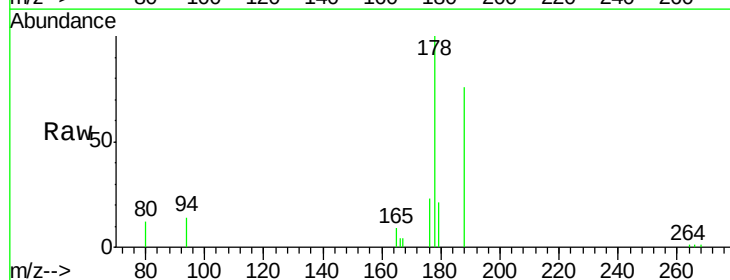
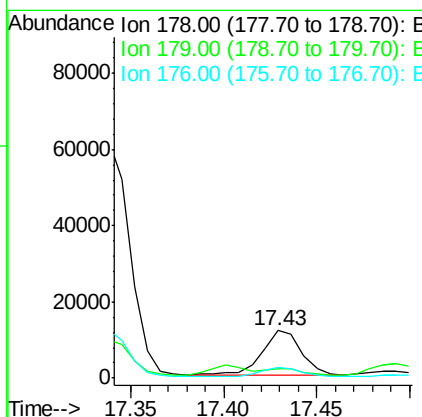
RT: 17.43 min Scan# 2695

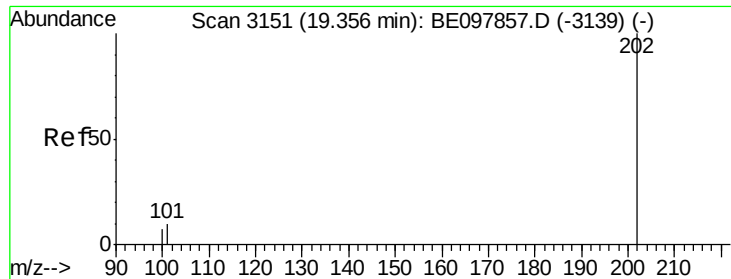
Delta R.T. -0.00 min

Lab File: BE097858.D

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Tgt Ion:	178	Resp:	18282
Ion Ratio	Lower	Upper	
178	100		
179	20.7	12.9	19.3#
176	23.0	15.5	23.3





#15

Fluoranthene

Concen: 2.904 ng/ul m

RT: 19.36 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Instrument :

BNA_E

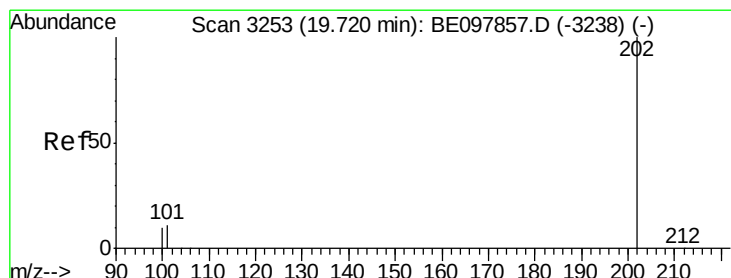
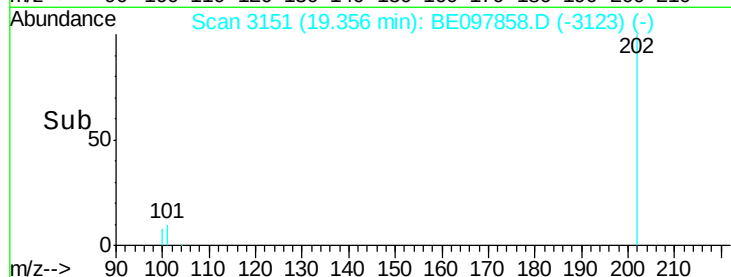
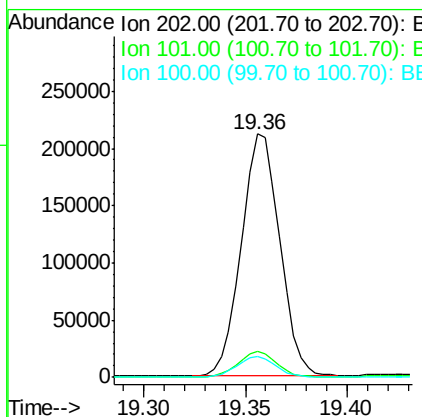
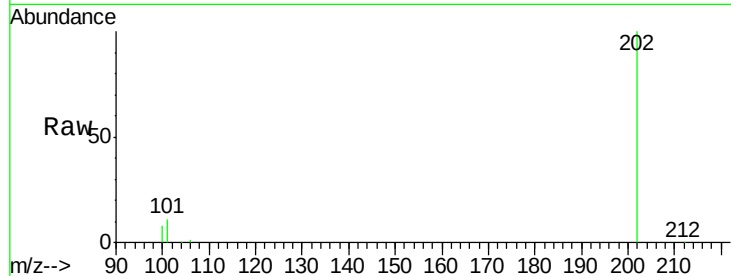
ClientSampleId :

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Tgt	Ion	202	Resp	279013
Ion	Ratio	Lower	Upper	
202	100			
101	10.6	0.0	29.3	
100	8.5	0.0	27.5	

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#17

Pyrene

Concen: 3.260 ng/ul

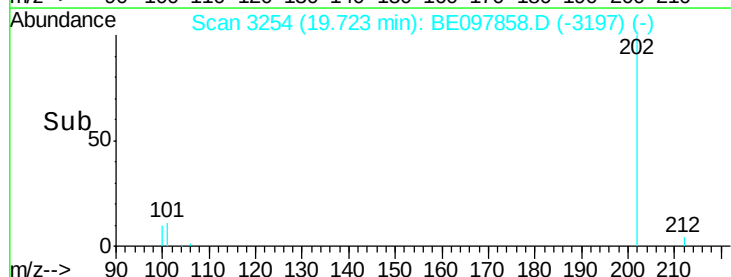
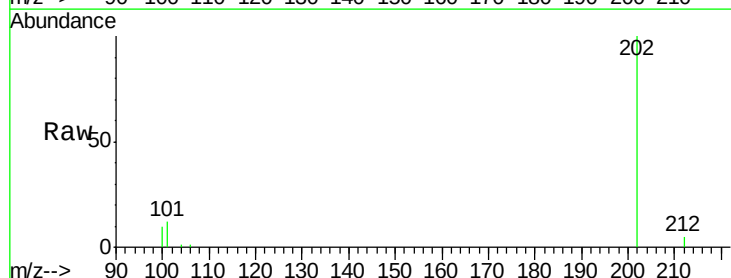
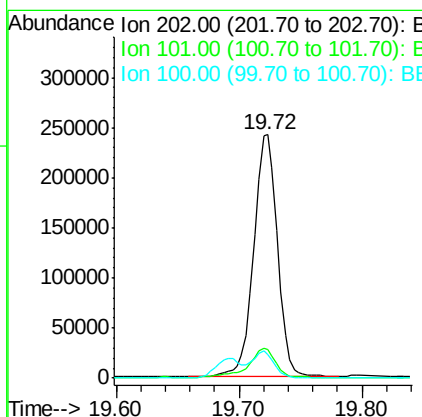
RT: 19.72 min Scan# 3254

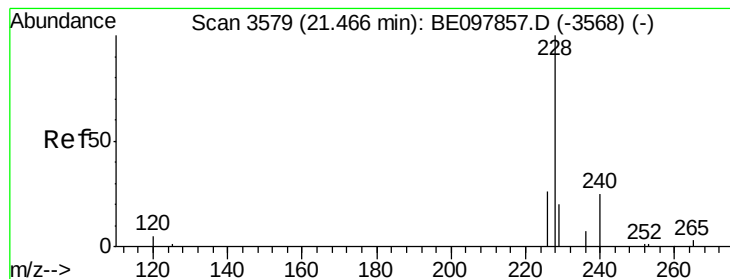
Delta R.T. 0.00 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Tgt	Ion	202	Resp	323929
Ion	Ratio	Lower	Upper	
202	100			
101	11.6	8.8	13.2	
100	9.9	7.9	11.9	





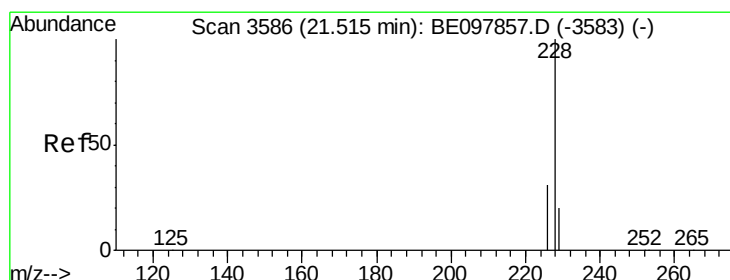
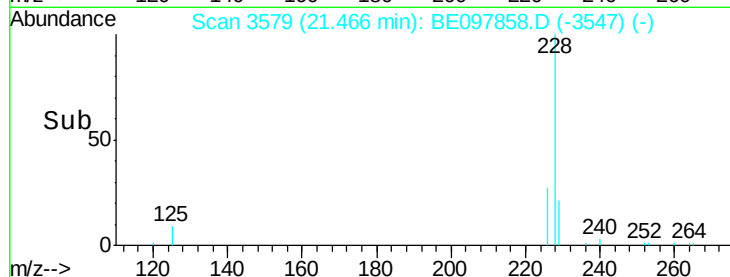
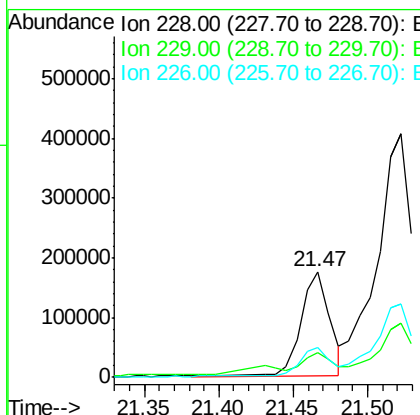
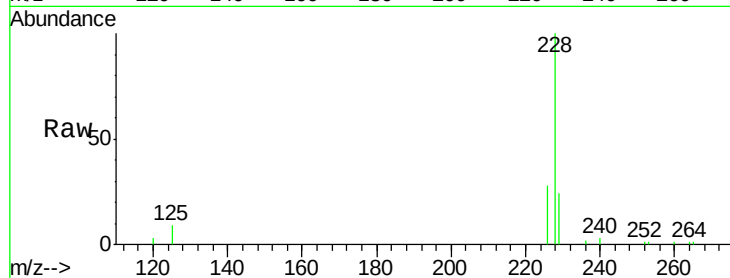
#18
Benzo(a)anthracene
Concen: 3.010 ng/ul m
RT: 21.47 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BE097858.D
Acq: 11 Oct 2018 15:35

Instrument :
BNA_E
ClientSampleId :
JLC20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.4	24.6
226	28.0	21.5	32.3

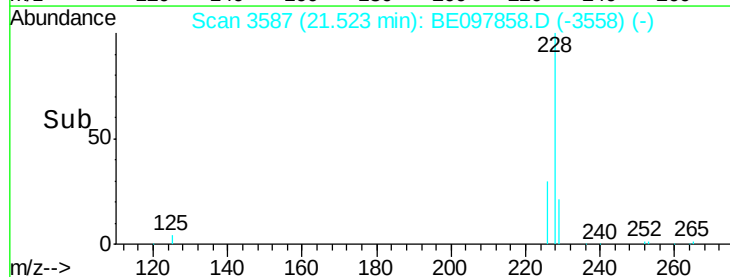
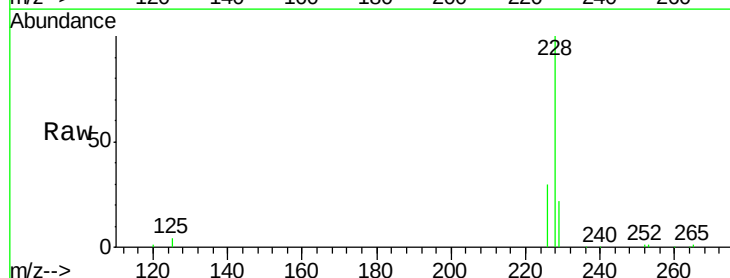
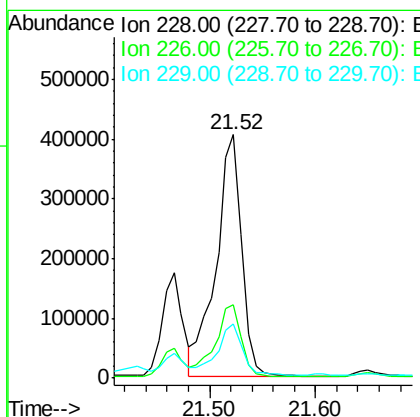
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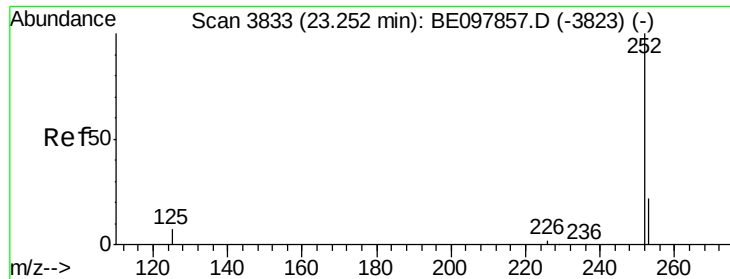
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#19
Chrysene
Concen: 7.517 ng/ul
RT: 21.52 min Scan# 3587
Delta R.T. 0.01 min
Lab File: BE097858.D
Acq: 11 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.4
229	22.3	15.5	23.3





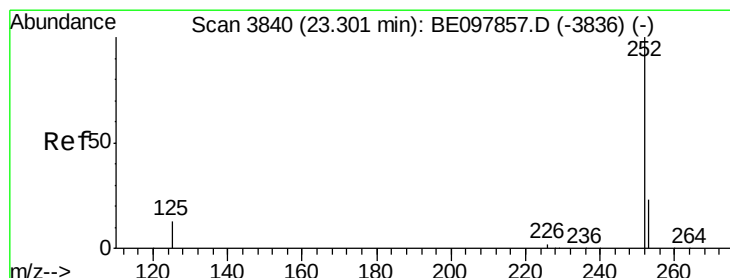
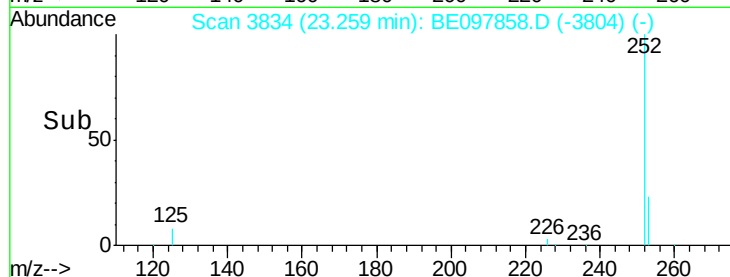
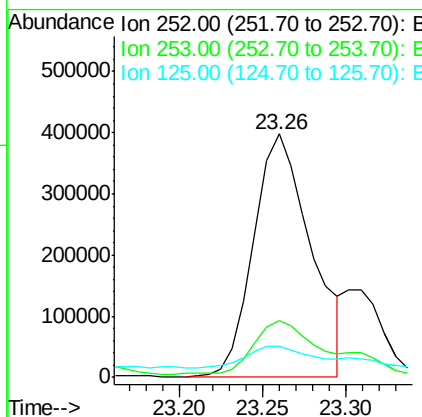
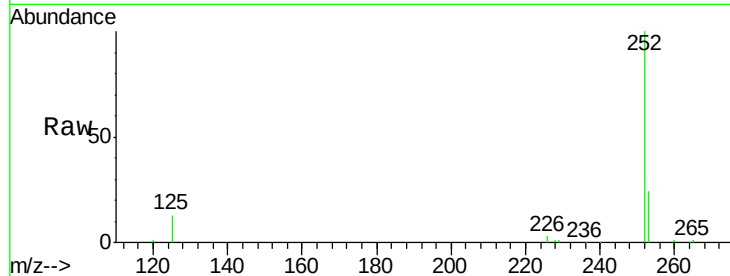
#21
Benzo(b)fluoranthene
Concen: 11.904 ng/ul m
RT: 23.26 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BE097858.D
Acq: 11 Oct 2018 15:35

Instrument :
BNA_E
ClientSampleId :
JLC20

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	0.0	47.0
125	12.6	0.0	18.2

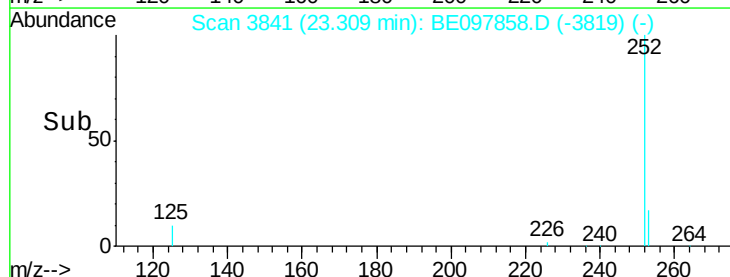
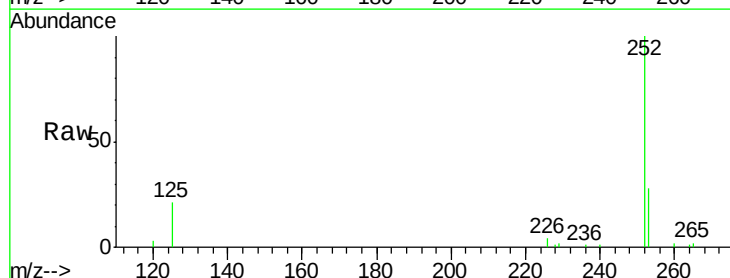
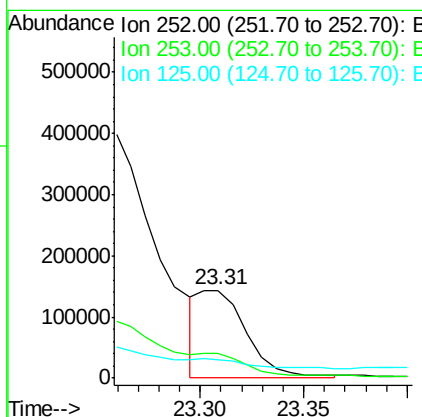
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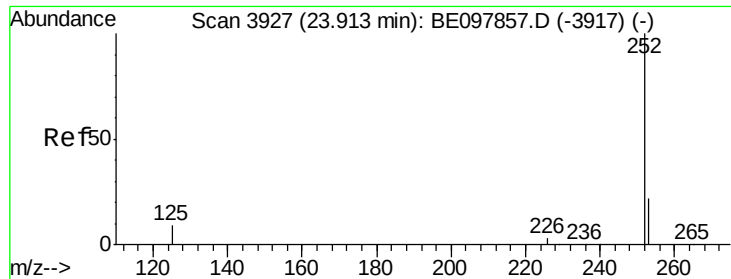
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#22
Benzo(k)fluoranthene
Concen: 2.686 ng/ul m
RT: 23.31 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BE097858.D
Acq: 11 Oct 2018 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.6	17.8	26.6#
125	21.3	9.4	14.0#





#23

Benzo(a)pyrene

Concen: 3.058 ng/ul

RT: 23.93 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Instrument :

BNA_E

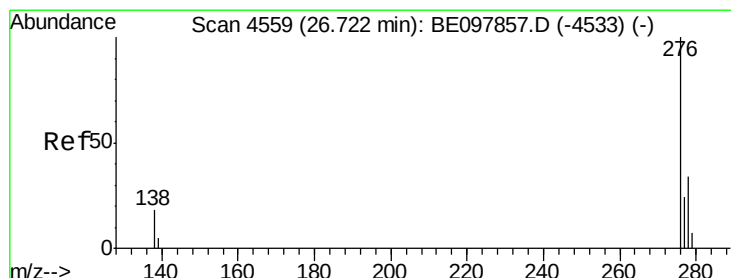
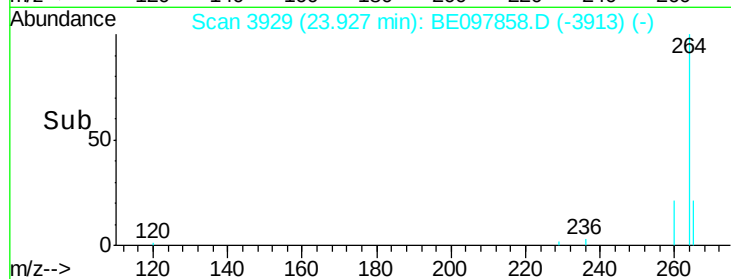
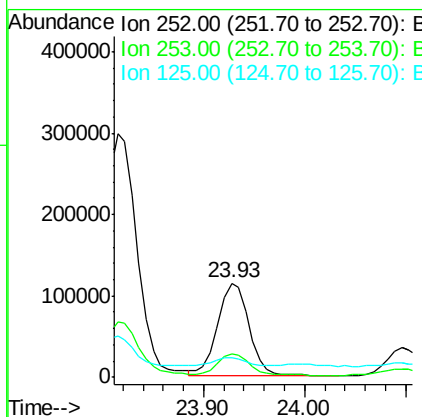
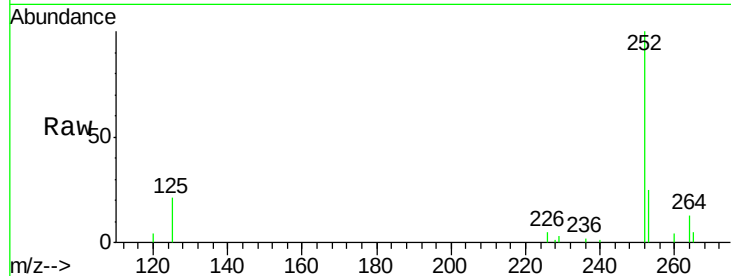
ClientSampleId :

JLC20

Tgt Ion:	252	Resp:	242093
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.2	27.4
125	21.1	8.3	12.5#

Manual Integrations
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Sohil
10/12/2018 6:34:48 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.451 ng/ul

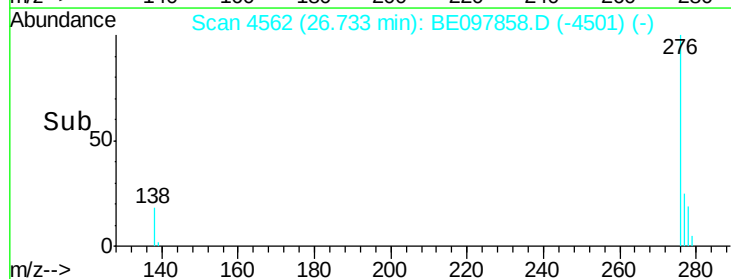
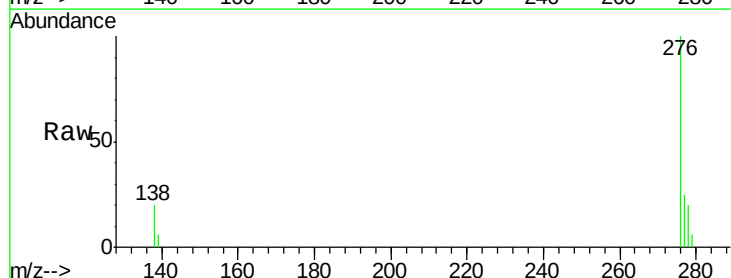
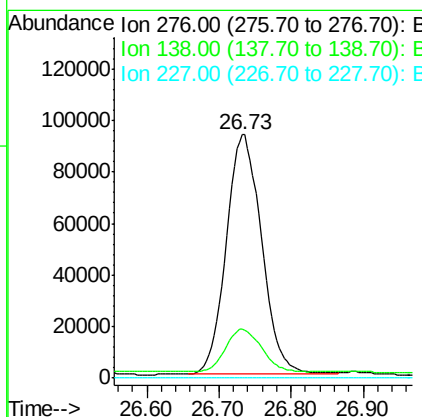
RT: 26.73 min Scan# 4562

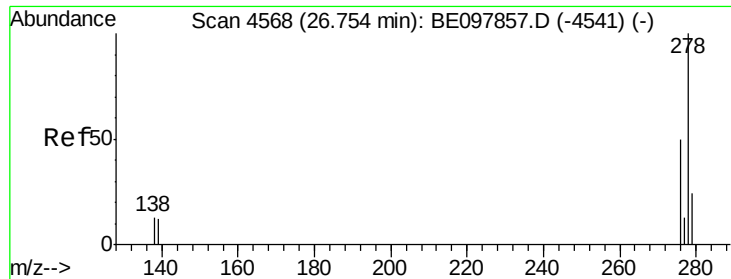
Delta R.T. 0.02 min

Lab File: BE097858.D

Acq: 11 Oct 2018 15:35

Tgt Ion:	276	Resp:	310066
Ion Ratio	Lower	Upper	
276	100		
138	18.2	0.0	0.0#
227	0.0	0.0	0.0





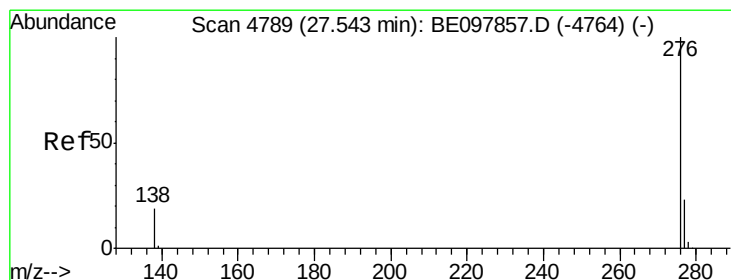
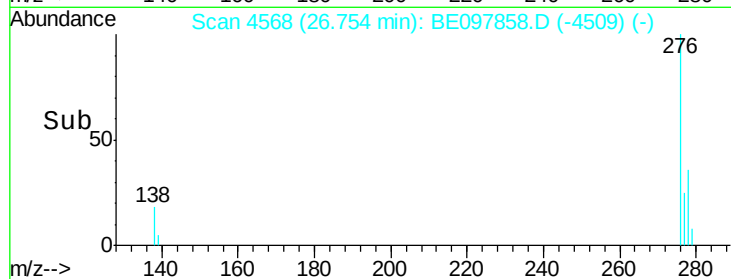
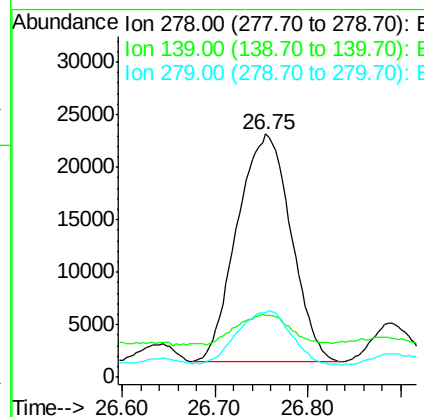
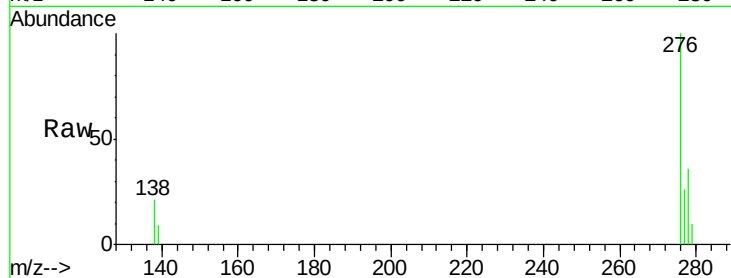
#25
Dibenzo(a,h)anthracene
Concen: 1.174 ng/ul
RT: 26.75 min Scan# 4568
Delta R.T. 0.01 min
Lab File: BE097858.D
Acq: 11 Oct 2018 15:35

Instrument :
BNA_E
ClientSampleId :
JLC20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.4	10.9	16.3#
279	26.4	18.8	28.2

Manual Integrations
APPROVED

Sohil
10/12/2018 6:34:48 PM



#26
Benzo(g,h,i)perylene
Concen: 4.949 ng/ul
RT: 27.56 min Scan# 4794
Delta R.T. 0.02 min
Lab File: BE097858.D
Acq: 11 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	14.3	21.5
277	24.4	19.5	29.3

