

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097897.D
 Acq On : 13 Oct 2018 2:11
 Operator : SJ/JU
 Sample : J5183-21DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC38DL

Manual Integrations
 APPROVED

Sohil
 10/15/2018 3:56:13 PM

Quant Time: Oct 13 04:27:46 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	2161	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	7300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	17090	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	17746	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	18368	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	453	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	1338	0.02	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	2643	0.097	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	3375	0.171	ng/ul	100
8) Acenaphthene	14.62	153	1359	0.063	ng/ul	97
9) Fluorene	15.61	166	1781	0.064	ng/ul#	92
12) Phenanthrene	17.36	178	28468	0.704	ng/ul	97
13) Anthracene	17.45	178	6688	0.178	ng/ul#	93
15) Fluoranthene	19.37	202	48250	0.929	ng/ul	95
17) Pyrene	19.74	202	55004	1.040	ng/ul	98
18) Benzo(a)anthracene	21.48	228	31496	0.587	ng/ul#	87
19) Chrysene	21.54	228	23918	0.496	ng/ul#	87
21) Benzo(b)fluoranthene	23.29	252	27948m	0.569	ng/ul	
22) Benzo(k)fluoranthene	23.33	252	7526m	0.143	ng/ul	
23) Benzo(a)pyrene	23.95	252	22214	0.461	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	26.79	276	12456	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.80	278	3647	0.081	ng/ul#	1
26) Benzo(g,h,i)perylene	27.63	276	18343	0.385	ng/ul#	74

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

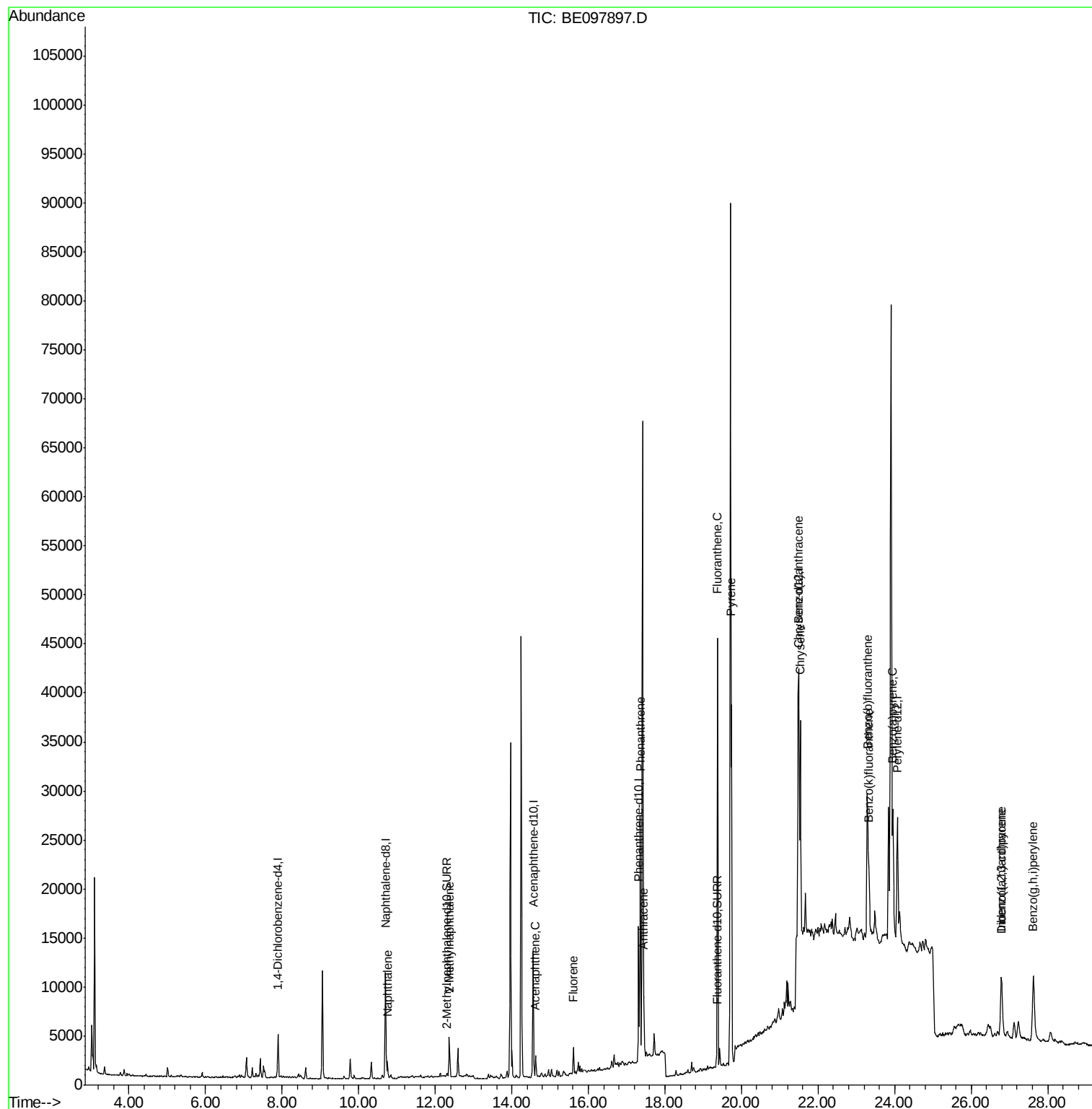
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

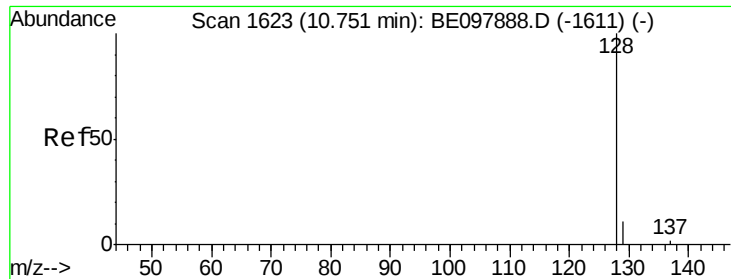
Instrument :
BNA_E
ClientSampled :
JLC38DL

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Quant Time: Oct 13 04:27:46 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





#3

Naphthalene

Concen: 0.097 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

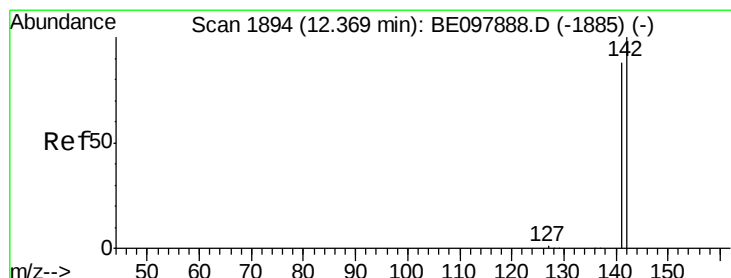
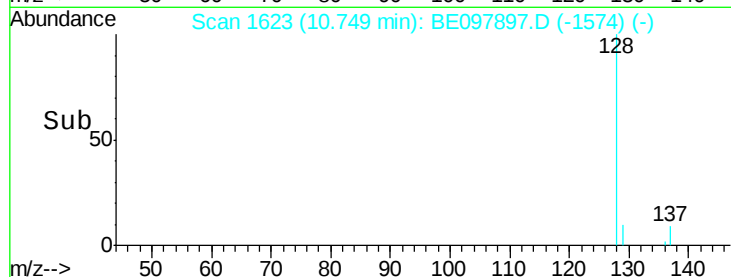
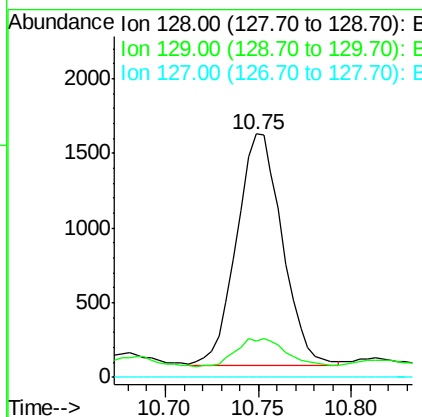
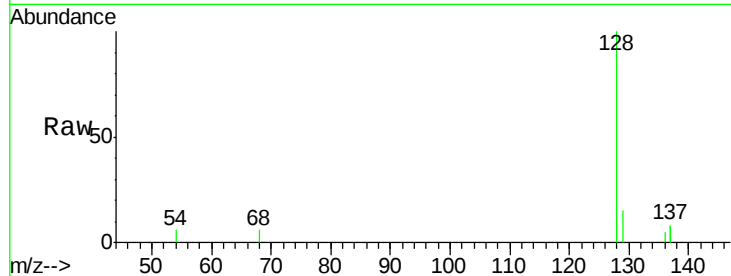
ClientSampleId :

JLC38DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2643		
129	14.7	9.1	13.7#	
127	0.0	0.0	0.0	

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#5

2-Methylnaphthalene

Concen: 0.171 ng/ul

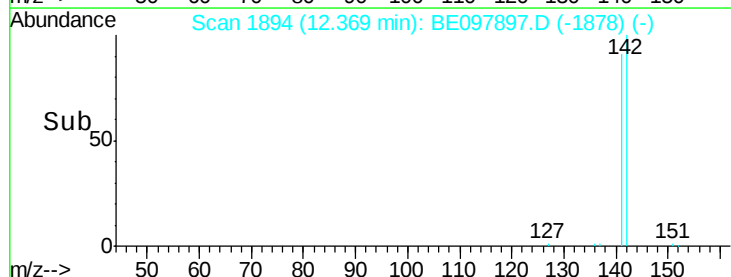
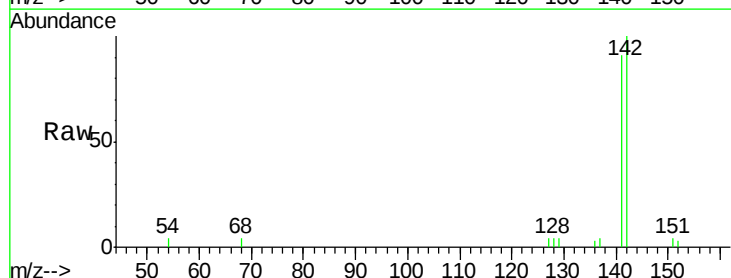
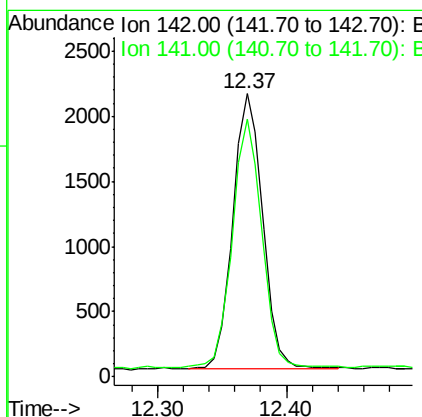
RT: 12.37 min Scan# 1894

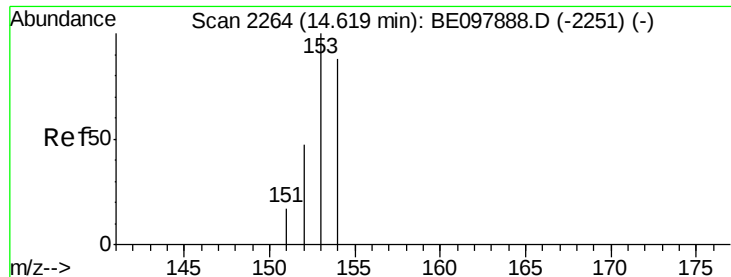
Delta R.T. 0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	3375		
141	89.5	71.6	107.4	





#8

Acenaphthene

Concen: 0.063 ng/ul

RT: 14.62 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

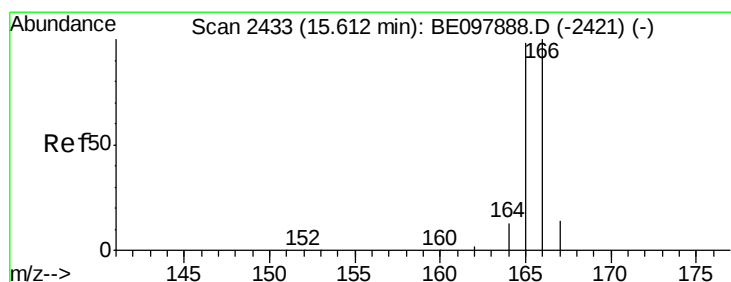
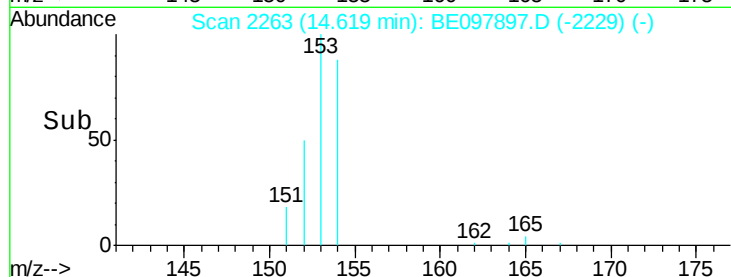
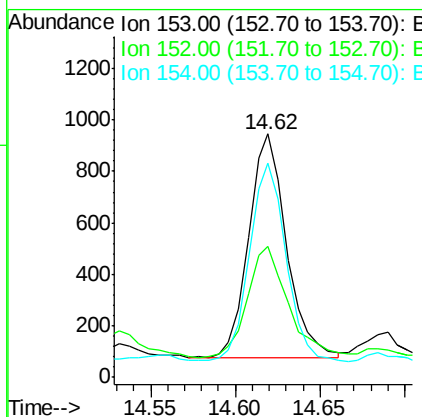
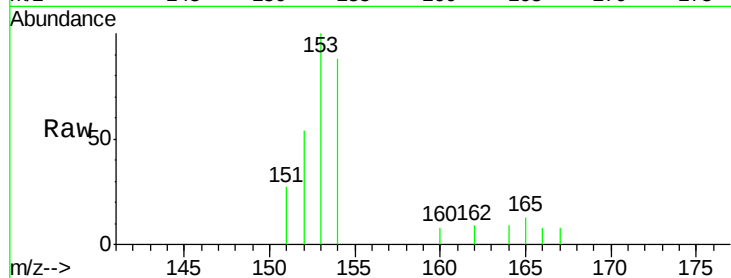
ClientSampleId :

JLC38DL

Tgt Ion:	153	Resp:	1359
Ion Ratio	Lower	Upper	
153	100		
152	53.7	41.2	61.8
154	88.2	68.6	103.0

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#9

Fluorene

Concen: 0.064 ng/ul

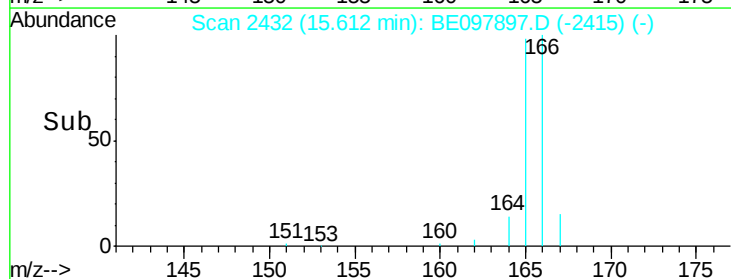
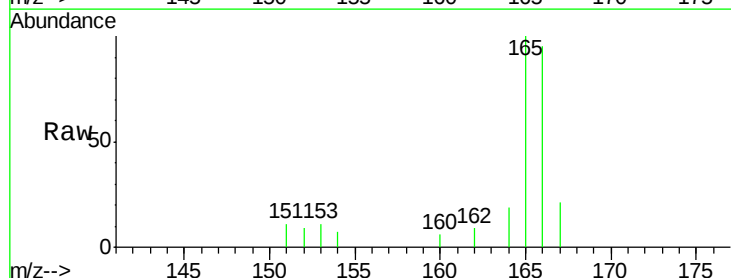
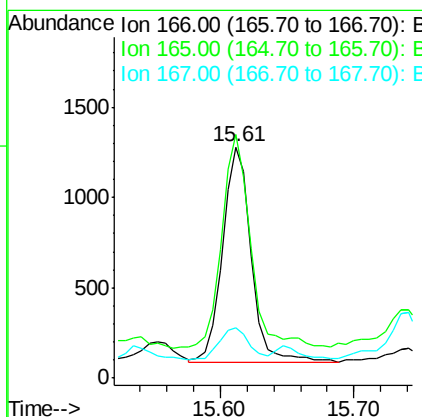
RT: 15.61 min Scan# 2432

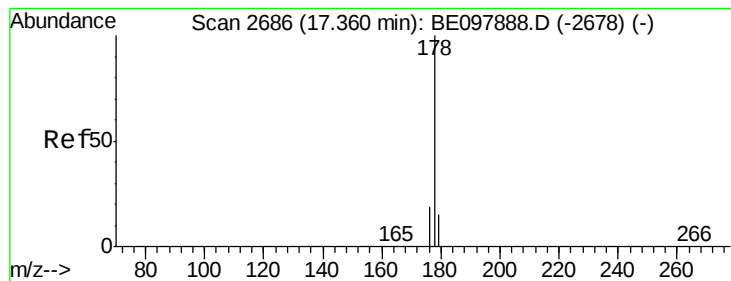
Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Tgt Ion:	166	Resp:	1781
Ion Ratio	Lower	Upper	
166	100		
165	105.4	79.2	118.8
167	21.9	11.3	16.9#





#12

Phenanthrene

Concen: 0.704 ng/ul

RT: 17.36 min Scan# 2685

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

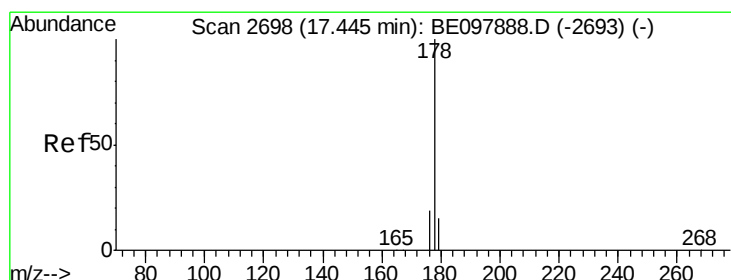
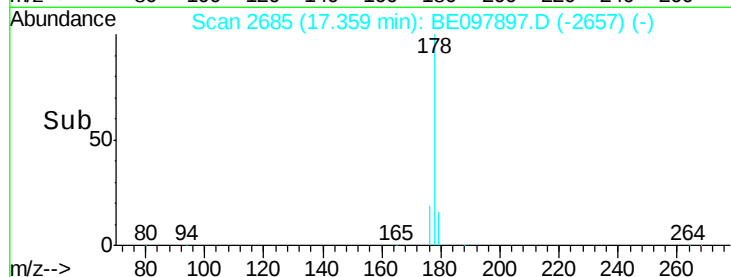
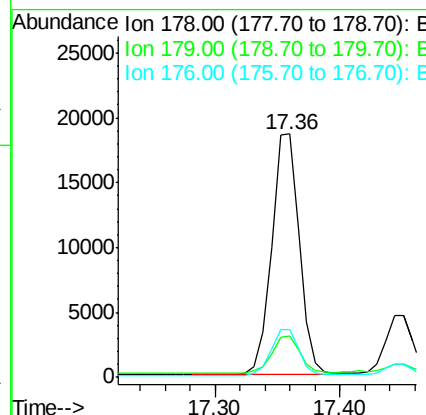
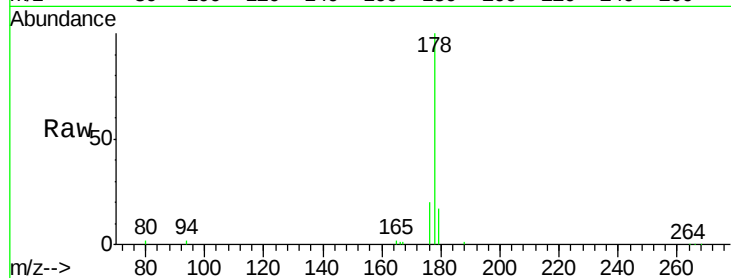
ClientSampleId :

JLC38DL

Tgt Ion:	178	Resp:	28468
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.8	19.2
176	19.9	14.9	22.3

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#13

Anthracene

Concen: 0.178 ng/ul

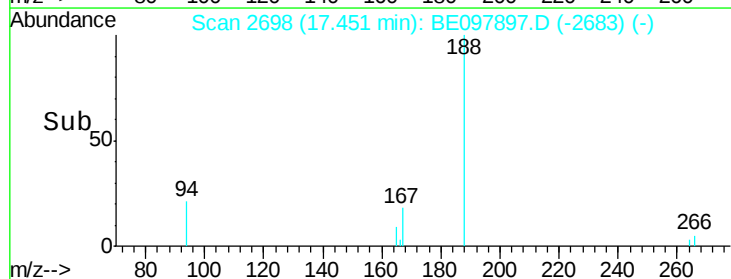
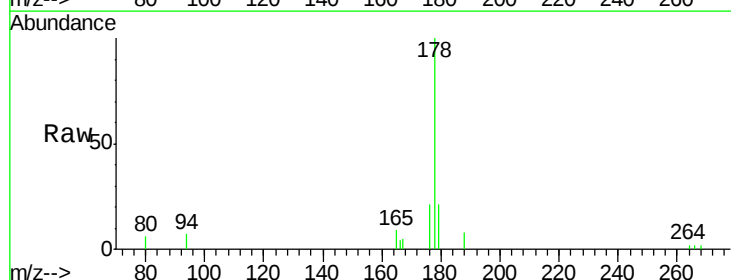
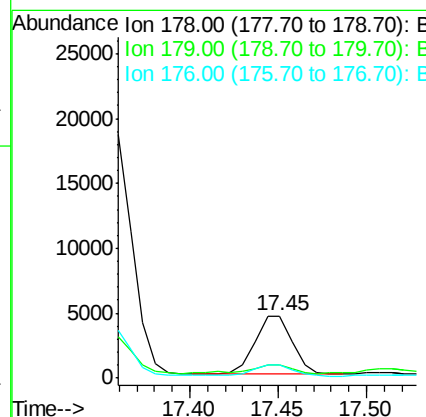
RT: 17.45 min Scan# 2698

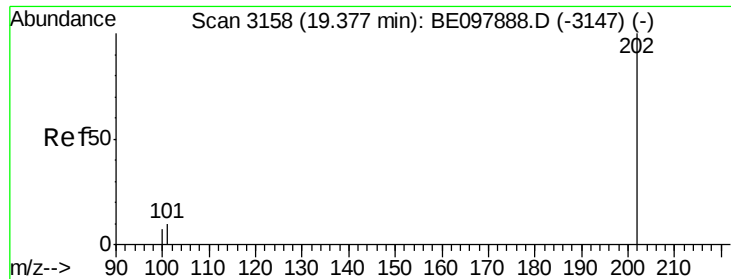
Delta R.T. 0.01 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Tgt Ion:	178	Resp:	6688
Ion Ratio	Lower	Upper	
178	100		
179	21.4	12.9	19.3#
176	20.7	15.5	23.3





#15

Fluoranthene

Concen: 0.929 ng/ul

RT: 19.37 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

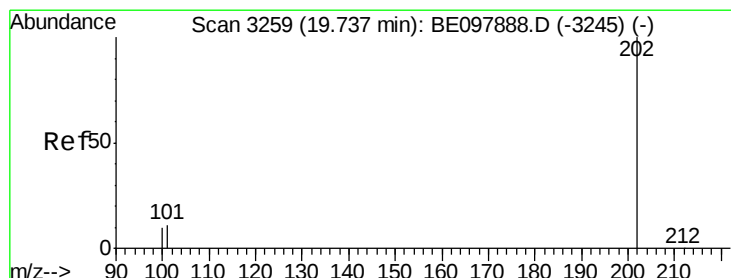
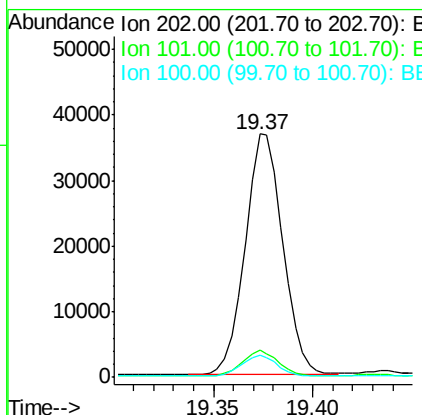
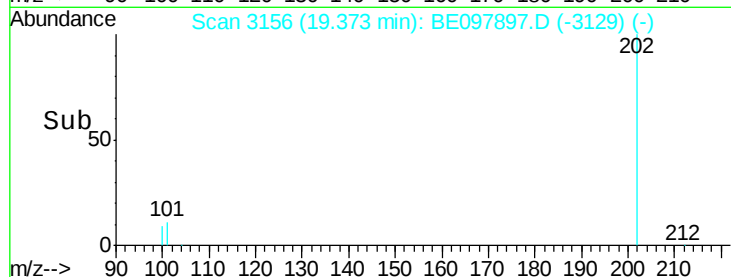
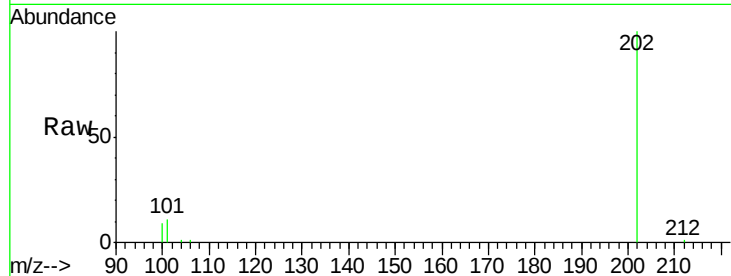
ClientSampleId :

JLC38DL

Tgt Ion:	202	Resp:	48250
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	29.3
100	9.1	0.0	27.5

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#17

Pyrene

Concen: 1.040 ng/ul

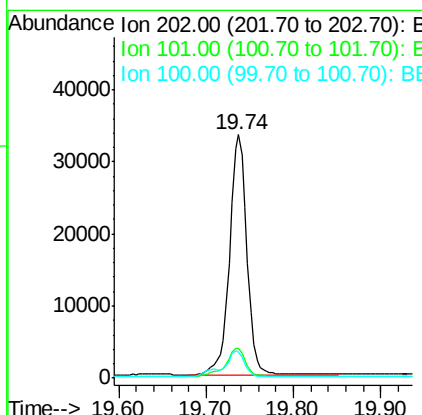
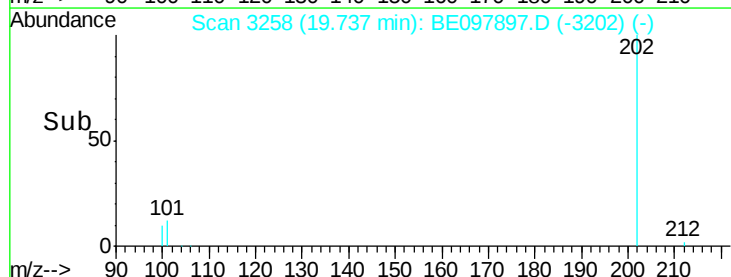
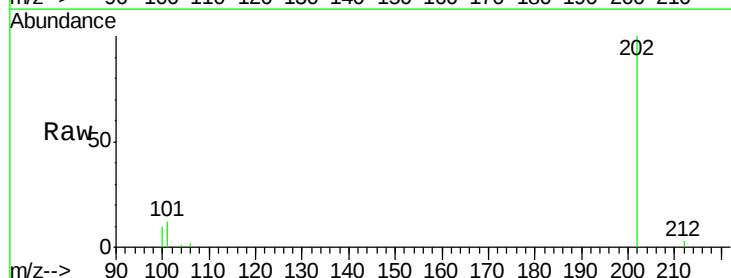
RT: 19.74 min Scan# 3258

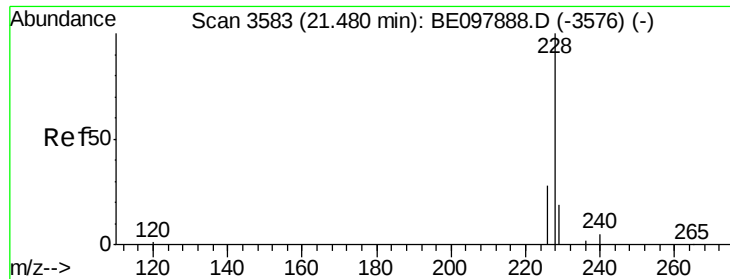
Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Tgt Ion:	202	Resp:	55004
Ion Ratio	Lower	Upper	
202	100		
101	12.2	8.8	13.2
100	10.4	7.9	11.9





#18

Benzo(a)anthracene

Concen: 0.587 ng/ul

RT: 21.48 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

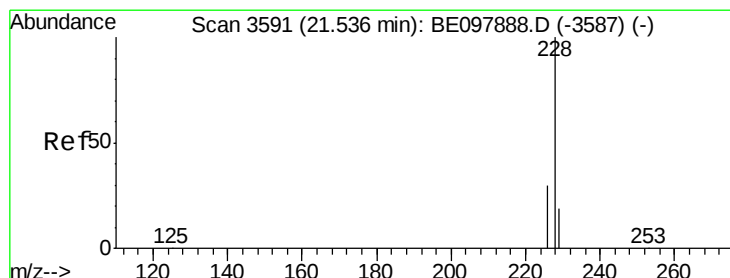
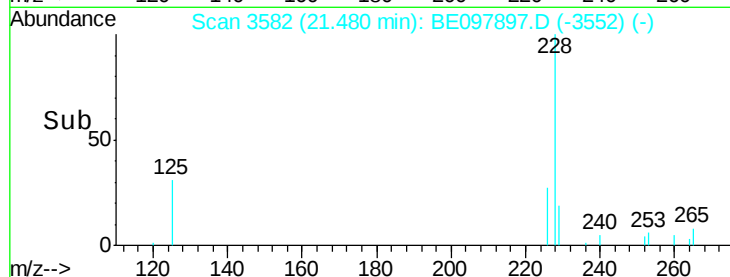
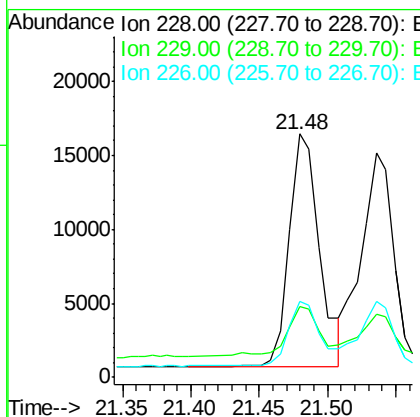
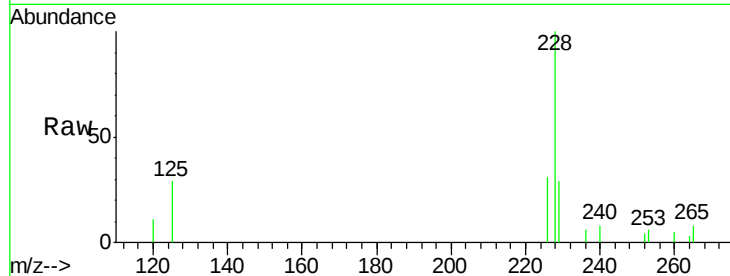
ClientSampleId :

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Tgt Ion:	228	Resp:	31496
Ion Ratio	Lower	Upper	
228	100		
229	29.1	16.4	24.6#
226	31.2	21.5	32.3

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#19

Chrysene

Concen: 0.496 ng/ul

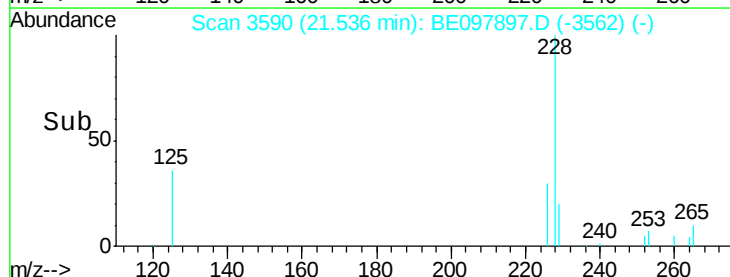
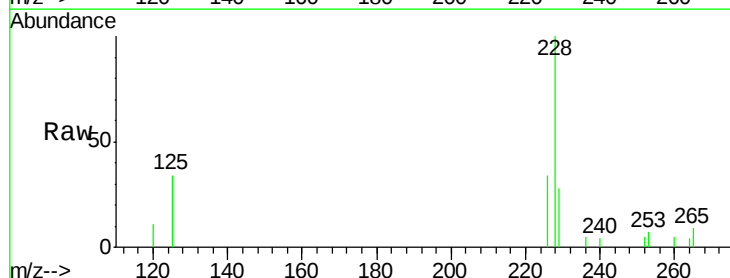
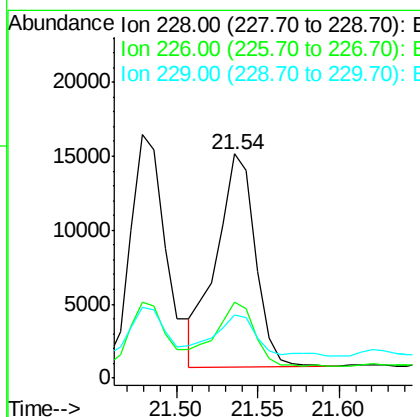
RT: 21.54 min Scan# 3590

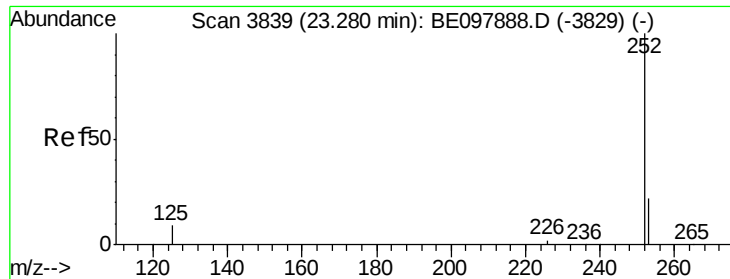
Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Tgt Ion:	228	Resp:	23918
Ion Ratio	Lower	Upper	
228	100		
226	33.7	23.0	34.4
229	28.2	15.5	23.3#





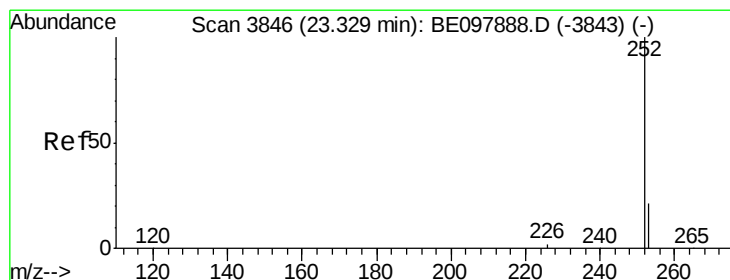
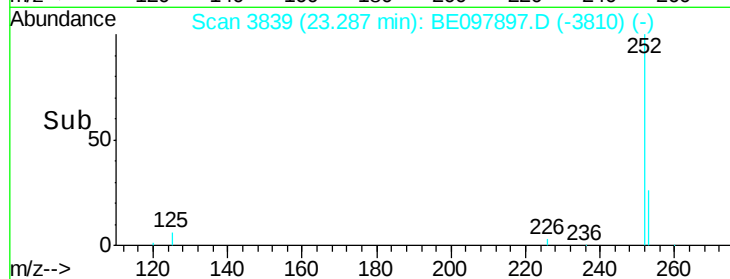
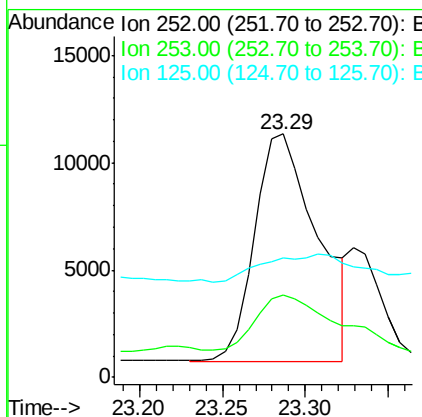
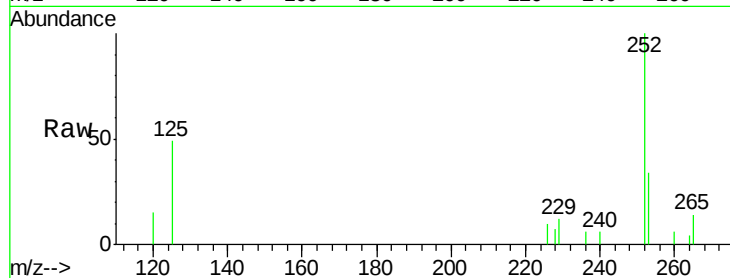
#21
Benzo(b)fluoranthene
Concen: 0.569 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BE097897.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_E
ClientSampleId :
JLC38DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	34.0	0.0	47.0
125	49.0	0.0	18.2#

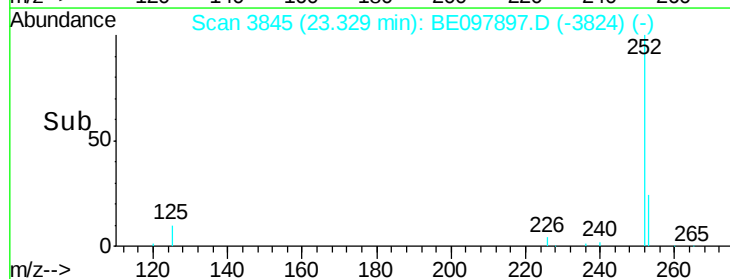
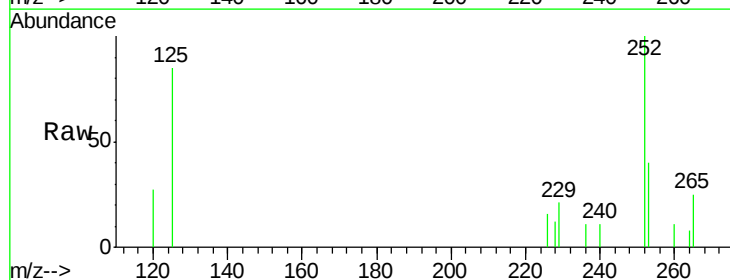
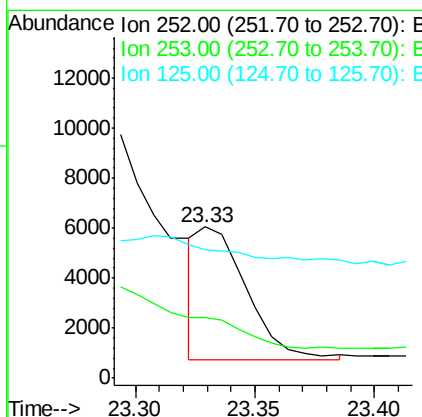
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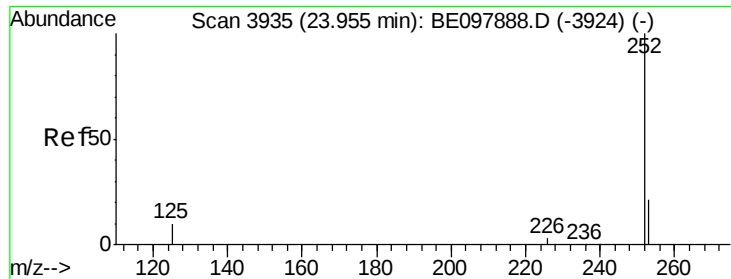
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#22
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 23.33 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BE097897.D
Acq: 13 Oct 2018 2:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	40.1	17.8	26.6#
125	85.0	9.4	14.0#





#23

Benzo(a)pyrene

Concen: 0.461 ng/u1

RT: 23.95 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

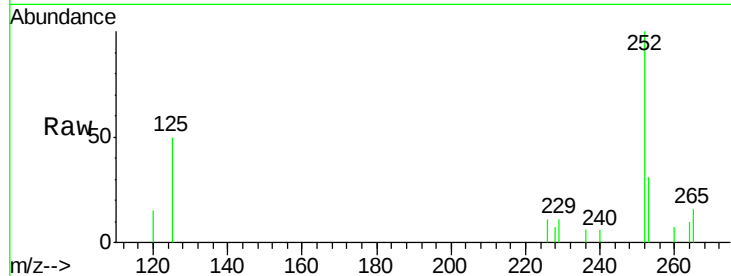
ClientSampleId :

JLC38DL

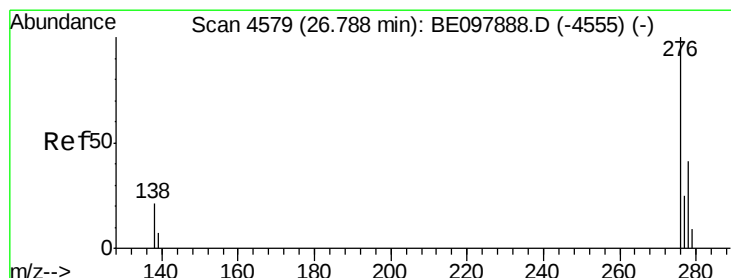
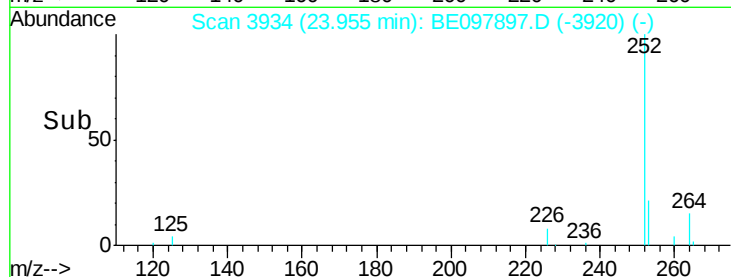
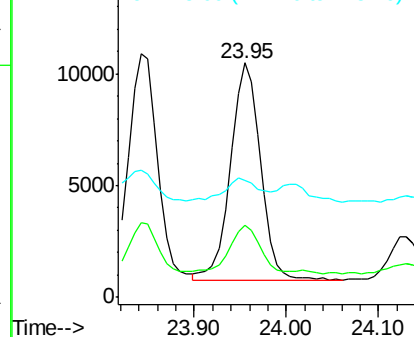
Tgt Ion:	252	Resp:	22214
Ion Ratio	Lower	Upper	
252	100		
253	30.7	18.2	27.4#
125	49.9	8.3	12.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.228 ng/u1

RT: 26.79 min Scan# 4578

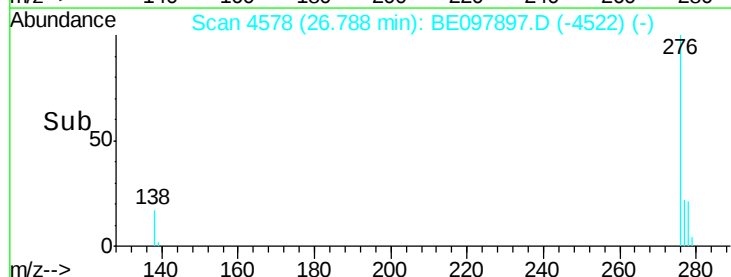
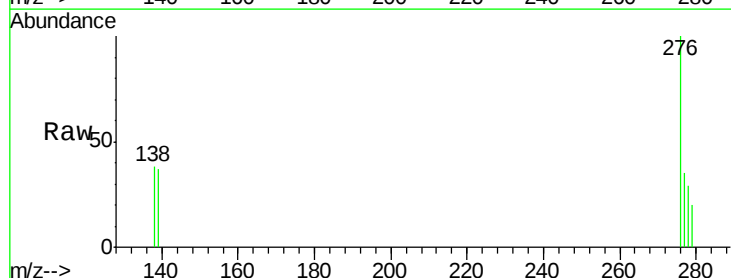
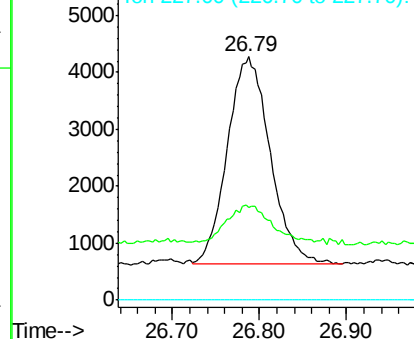
Delta R.T. -0.00 min

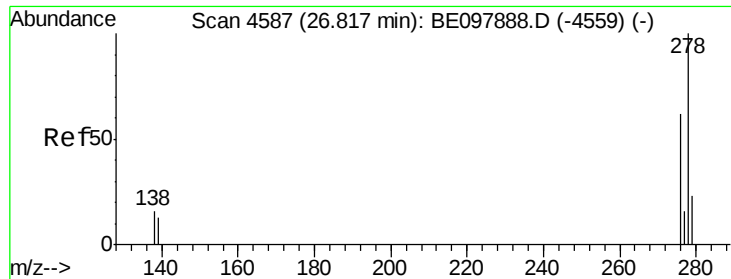
Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Tgt Ion:	276	Resp:	12456
Ion Ratio	Lower	Upper	
276	100		
138	19.8	0.0	0.0#
227	0.0	0.0	0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





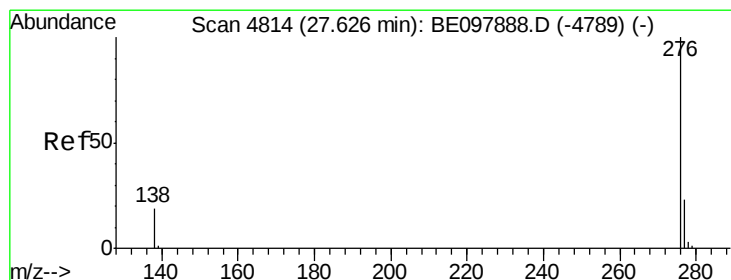
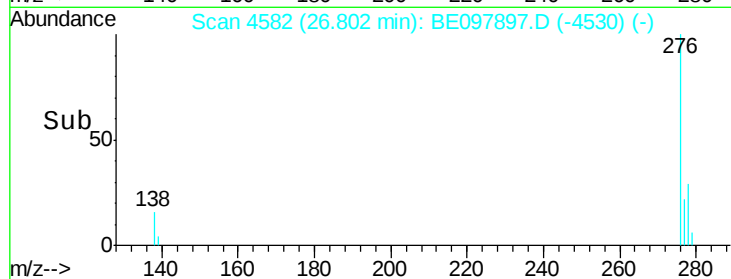
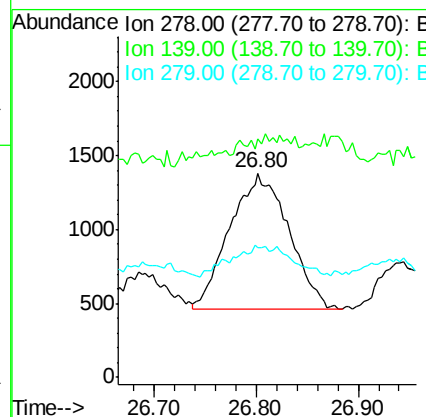
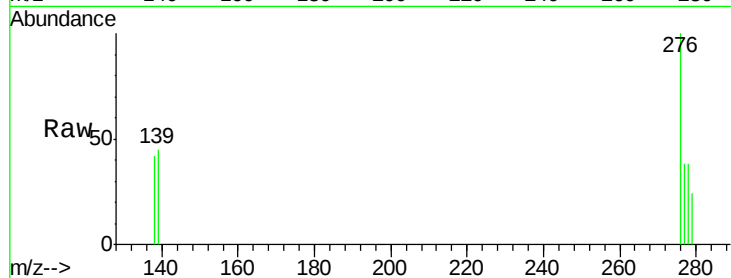
#25
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 26.80 min Scan# 4582
Delta R.T. -0.01 min
Lab File: BE097897.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_E
ClientSampleId :
JLC38DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	116.6	10.9	16.3#
279	63.7	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/15/2018 3:56:13 PM



#26
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 27.63 min Scan# 4813
Delta R.T. -0.00 min
Lab File: BE097897.D
Acq: 13 Oct 2018 2:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.3	14.3	21.5#
277	33.4	19.5	29.3#

