

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097884.D
 Acq On : 12 Oct 2018 12:57
 Operator : SJ/JU
 Sample : J5183-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC28

Manual Integrations
 APPROVED

Sohil
 10/15/2018 3:55:35 PM

Quant Time: Oct 12 15:39:37 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 : Fri Oct 12 04:56:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2243	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11489	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	9354	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.32	188	18172m	0.40	ng/ul	0.01
16) Chrysene-d12	21.52	240	16729m	0.40	ng/ul	0.02
20) Perylene-d12	24.10	264	18910m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	4416	0.23	ng/ul	0.01
14) Fluoranthene-d10	19.36	212	12405m	0.21	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.76	128	126236	4.515	ng/ul	100
5) 2-Methylnaphthalene	12.38	142	27353	1.352	ng/ul	99
7) Acenaphthylene	14.28	152	8233	0.233	ng/ul#	83
8) Acenaphthene	14.62	153	41576	1.514	ng/ul	97
9) Fluorene	15.62	166	53298	1.487	ng/ul	99
11) Pentachlorophenol	16.99	266	1971m	0.769	ng/ul	
12) Phenanthrene	17.37	178	945483m	21.977	ng/ul	
13) Anthracene	17.46	178	265789m	6.667	ng/ul	
15) Fluoranthene	19.39	202	2321837m	42.024	ng/ul	
17) Pyrene	19.76	202	2364503	47.445	ng/ul	97
18) Benzo(a)anthracene	21.50	228	1387776	27.437	ng/ul	97
19) Chrysene	21.56	228	2260653	49.743	ng/ul	93
21) Benzo(b)fluoranthene	23.32	252	2084928m	41.253	ng/ul	
22) Benzo(k)fluoranthene	23.36	252	571192m	10.558	ng/ul	
23) Benzo(a)pyrene	23.99	252	1107592m	22.322	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.85	276	840527m	14.922	ng/ul	
25) Dibenzo(a,h)anthracene	26.86	278	237895m	5.110	ng/ul	
26) Benzo(g,h,i)perylene	27.69	276	890857	18.151	ng/ul	98

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

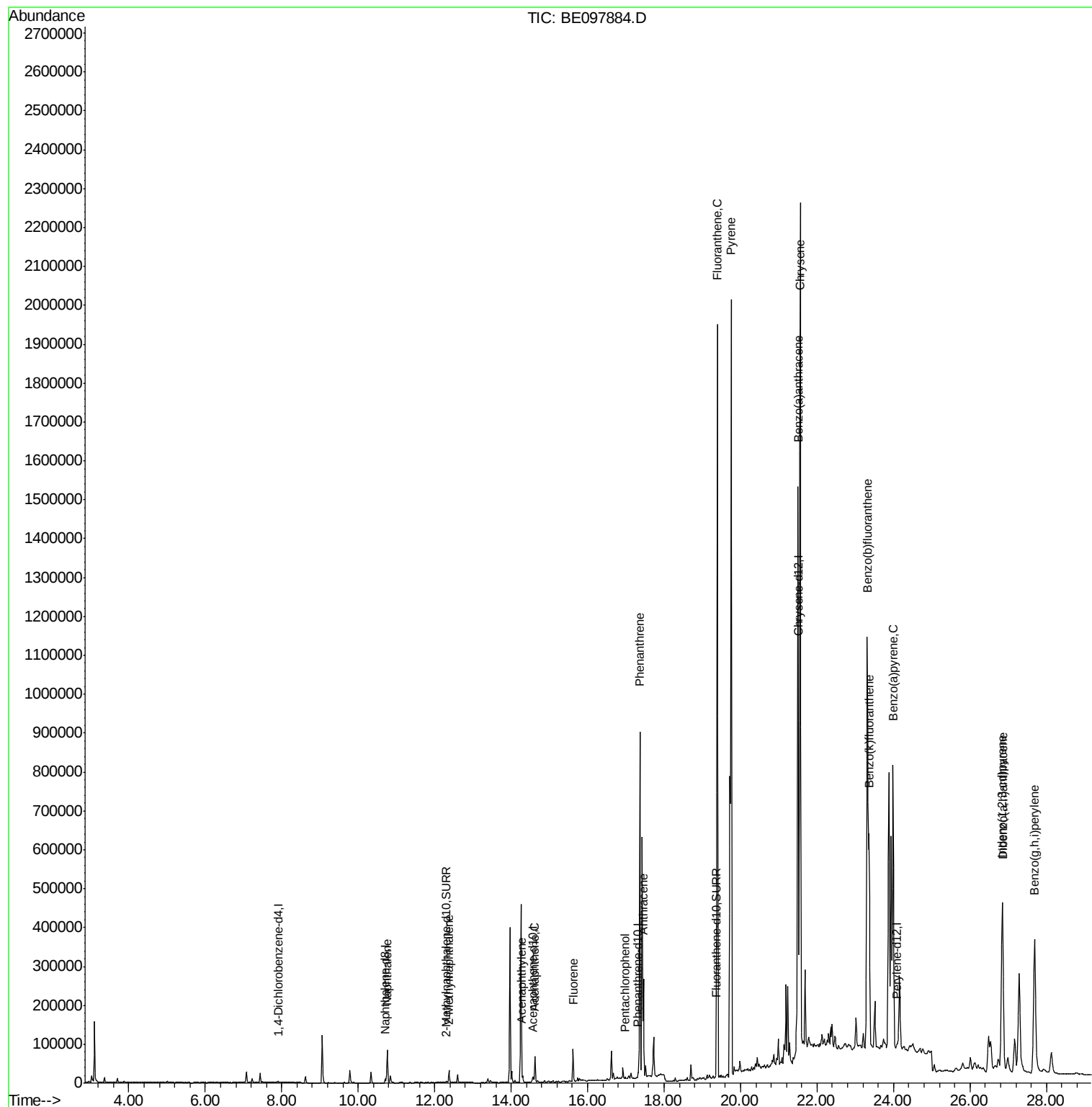
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
Data File : BE097884.D
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Sample : J5183-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

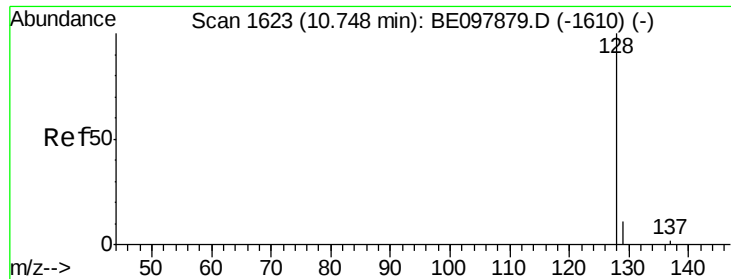
Instrument :
BNA_E
ClientSampled :
JLC28

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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#3

Naphthalene

Concen: 4.515 ng/ul

RT: 10.76 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

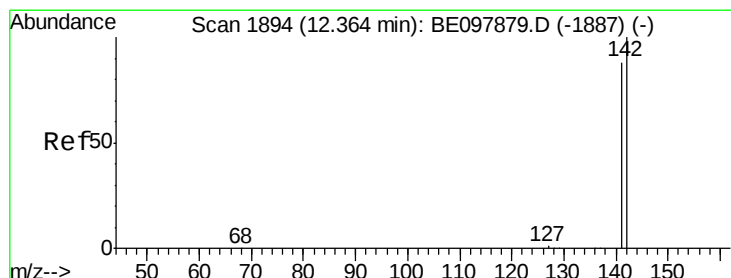
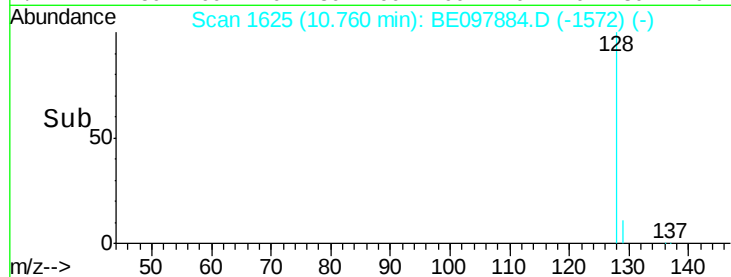
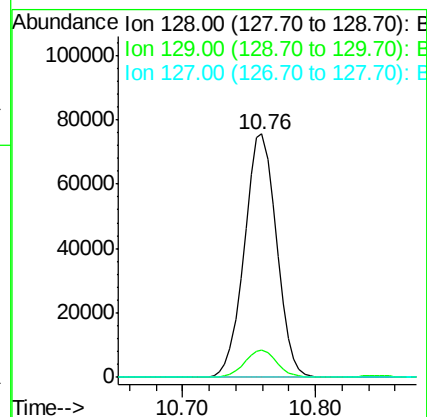
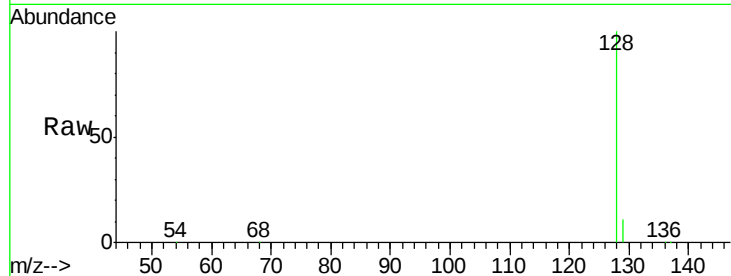
ClientSampleId :

JLC28

Tgt Ion:	128	Resp:	126236
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 1.352 ng/ul

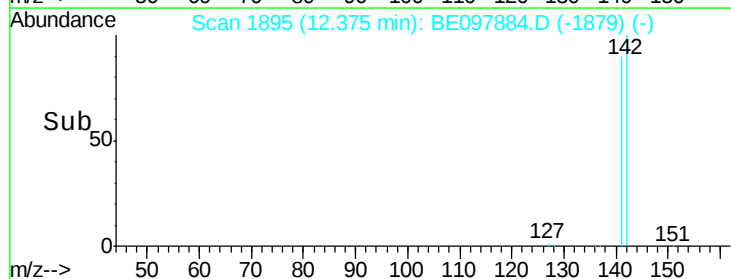
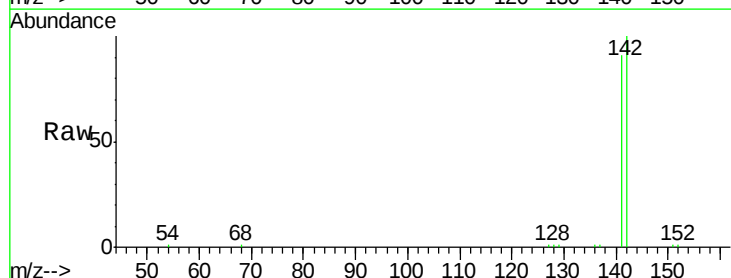
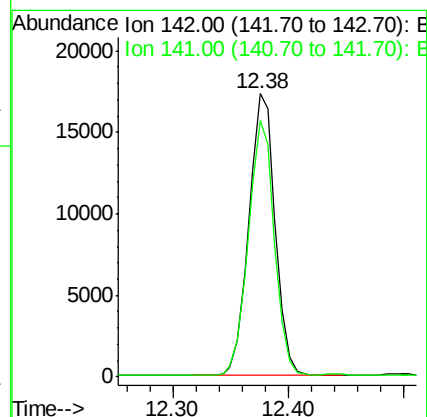
RT: 12.38 min Scan# 1895

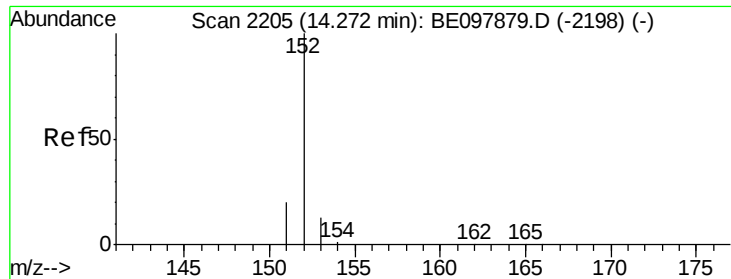
Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Tgt Ion:	142	Resp:	27353
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.6	107.4





#7

Acenaphthylene

Concen: 0.233 ng/ul

RT: 14.28 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

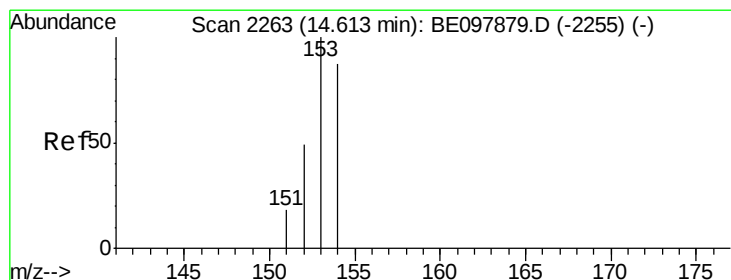
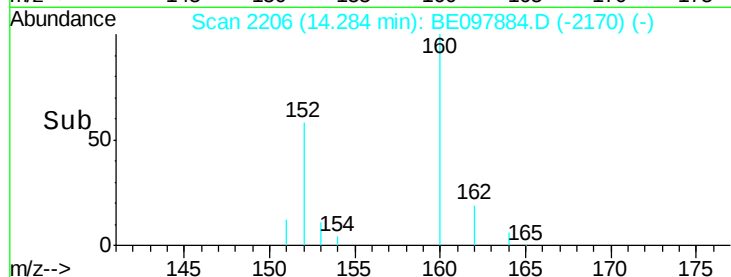
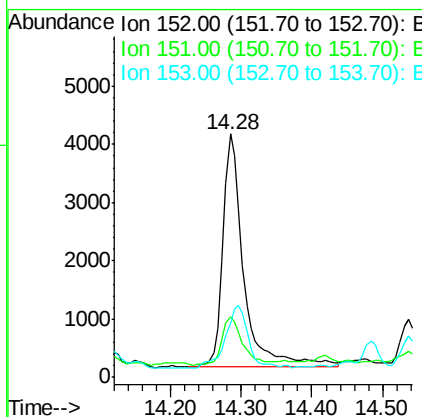
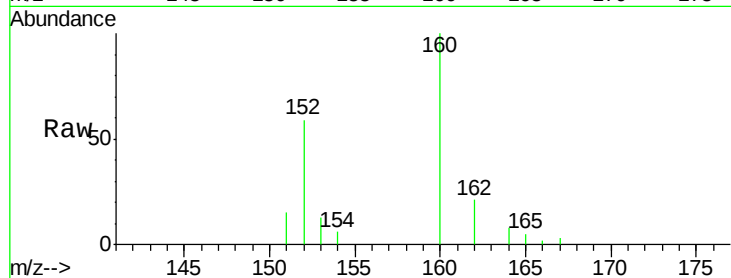
ClientSampleId :

JLC28

Tgt Ion:	152	Resp:	8233
Ion Ratio	Lower	Upper	
152	100		
151	24.9	15.0	22.6#
153	22.1	10.5	15.7#

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#8

Acenaphthene

Concen: 1.514 ng/ul

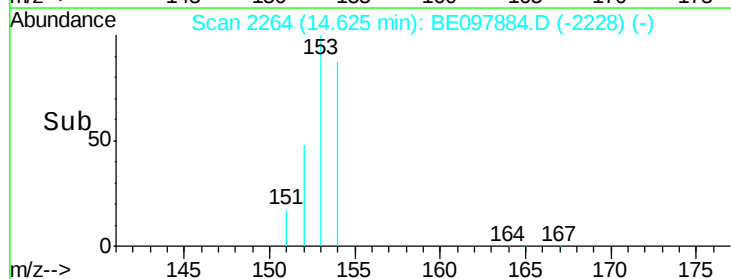
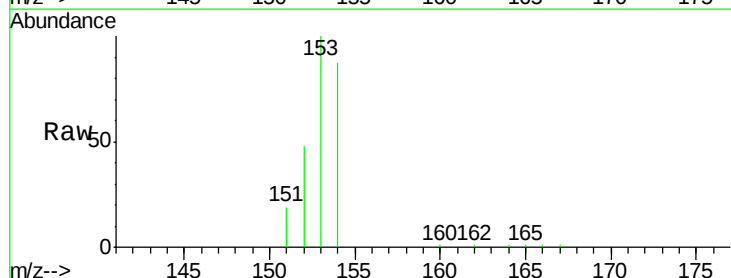
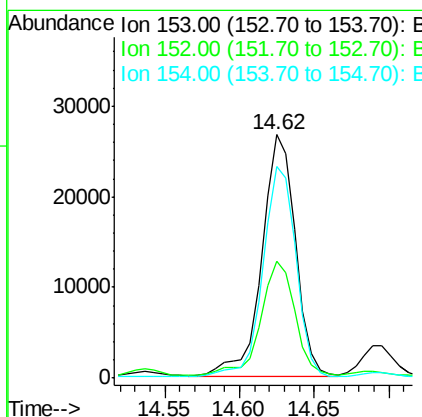
RT: 14.62 min Scan# 2264

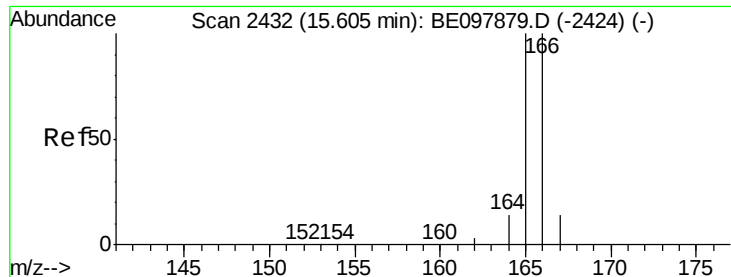
Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Tgt Ion:	153	Resp:	41576
Ion Ratio	Lower	Upper	
153	100		
152	48.2	41.2	61.8
154	87.2	68.6	103.0





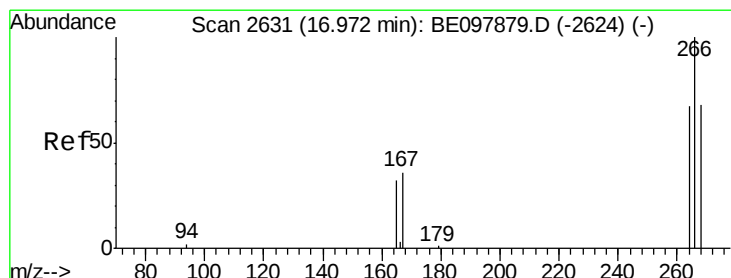
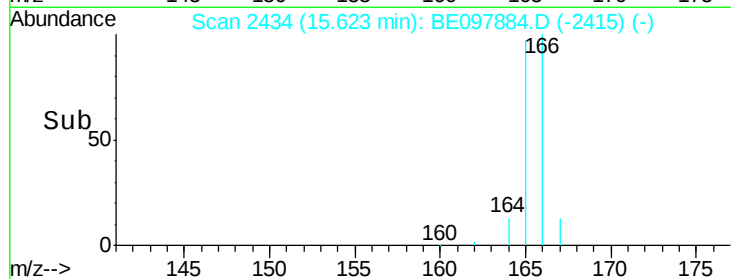
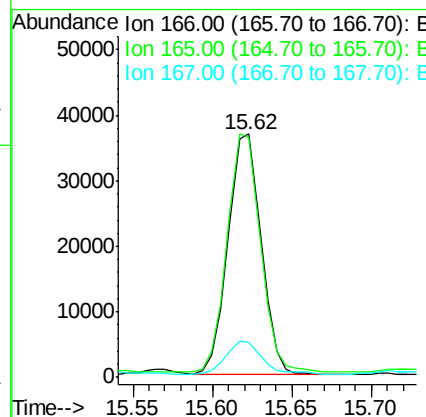
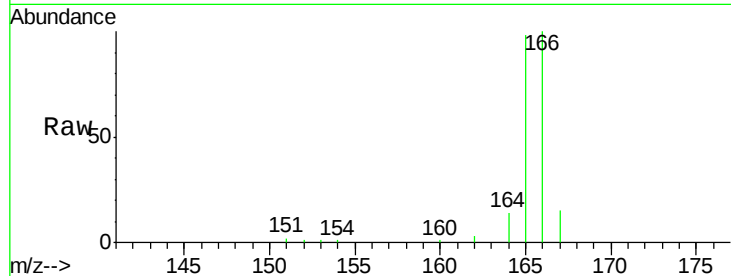
#9
Fluorene
 Concen: 1.487 ng/ul
 RT: 15.62 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BE097884.D
 Acq: 12 Oct 2018 12:57

Instrument :
 BNA_E
 ClientSampleId :
 JLC28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.2	118.8
167	14.6	11.3	16.9

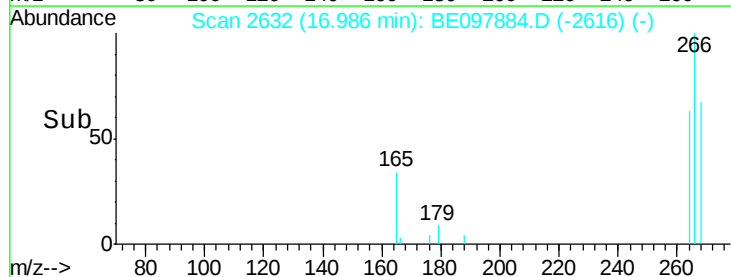
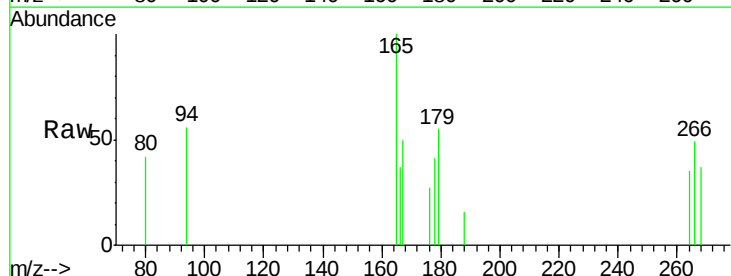
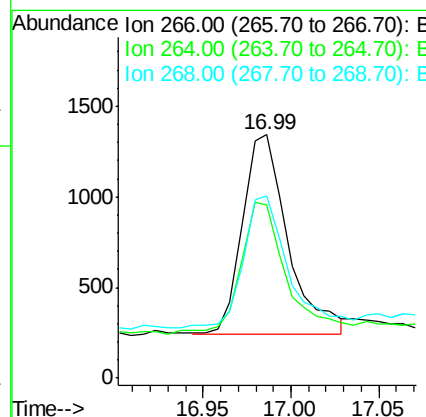
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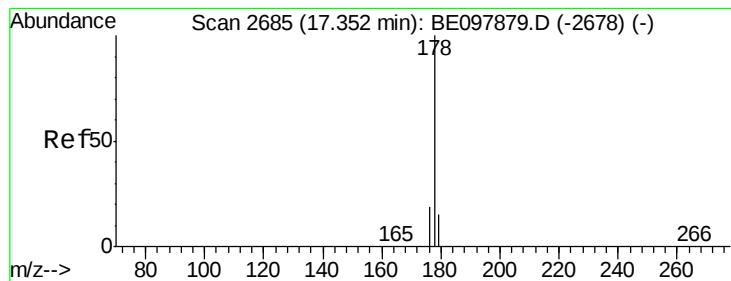
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#11
Pentachlorophenol
 Concen: 0.769 ng/ul m
 RT: 16.99 min Scan# 2632
 Delta R.T. 0.01 min
 Lab File: BE097884.D
 Acq: 12 Oct 2018 12:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	2.1	49.8	74.8#
268	4.3	48.4	72.6#





#12

Phenanthrene

Concen: 21.977 ng/ul m

RT: 17.37 min Scan# 2686

Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

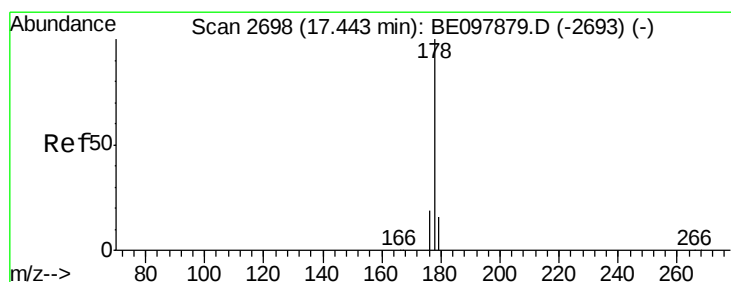
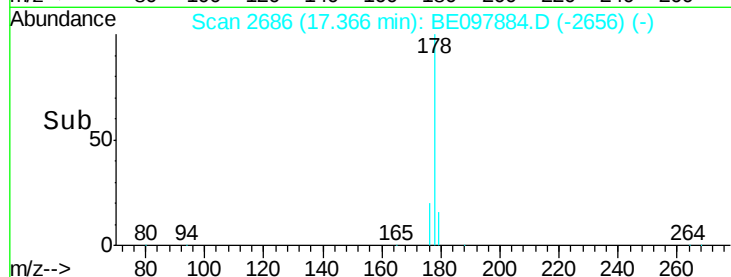
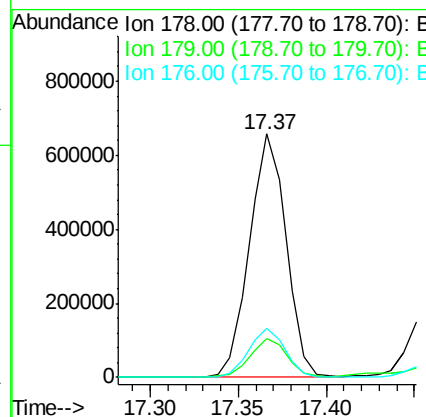
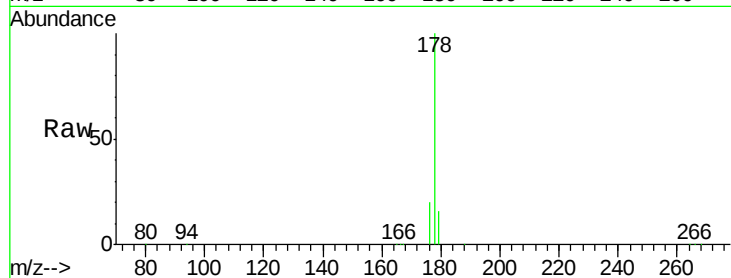
ClientSampleId :

JLC28

Tgt Ion:	178	Resp:	945483
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	20.1	14.9	22.3

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#13

Anthracene

Concen: 6.667 ng/ul m

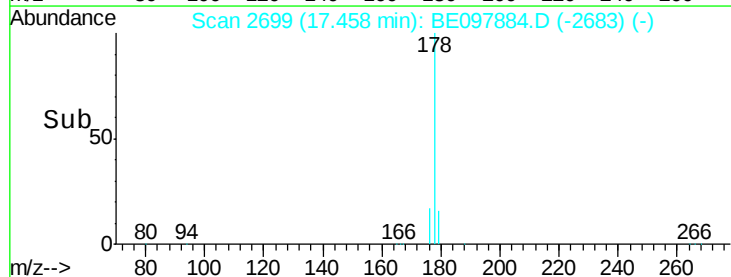
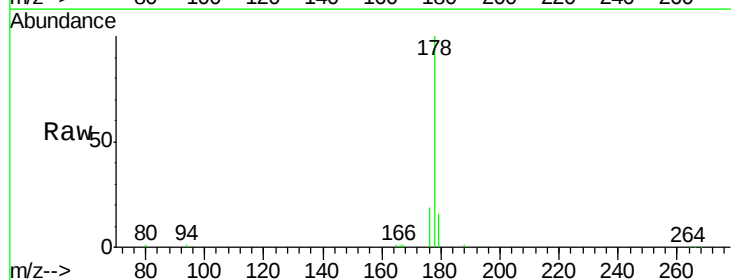
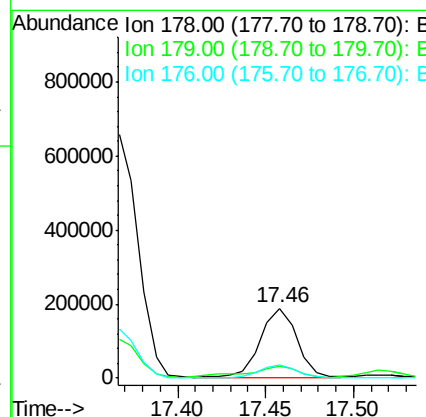
RT: 17.46 min Scan# 2699

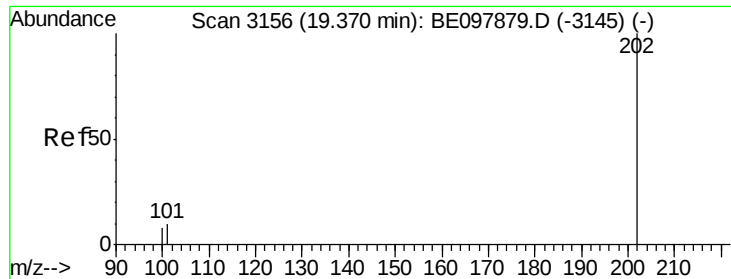
Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Tgt Ion:	178	Resp:	265789
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	19.0	15.5	23.3





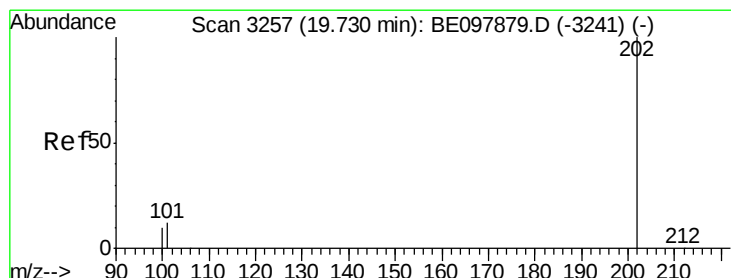
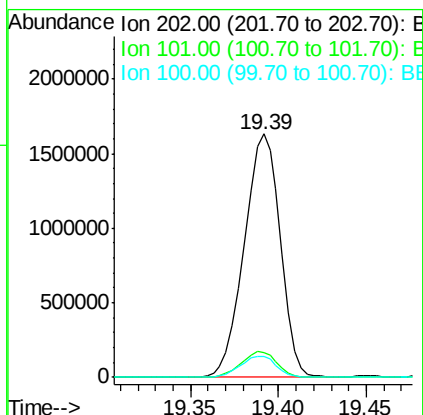
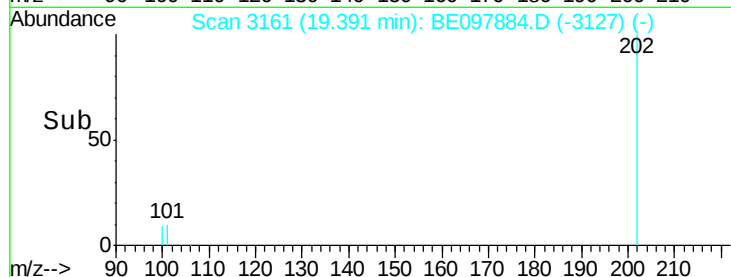
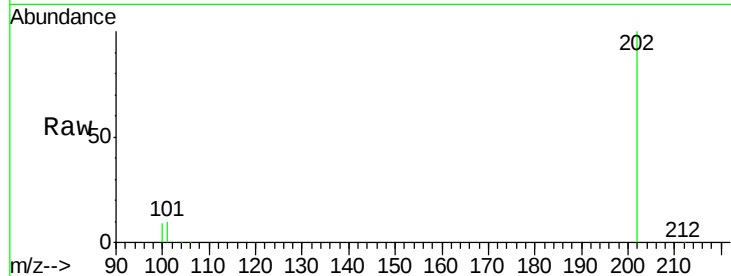
#15
Fluoranthene
Concen: 42.024 ng/ul m
RT: 19.39 min Scan# 3161
Delta R.T. 0.02 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Instrument :
BNA_E
ClientSampleId :
JLC28

Tgt Ion:202 Resp: 2321837
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.3
100 8.6 0.0 27.5

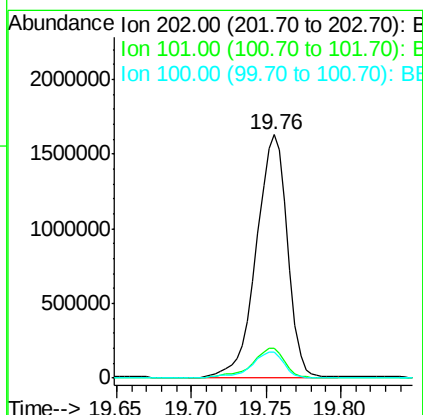
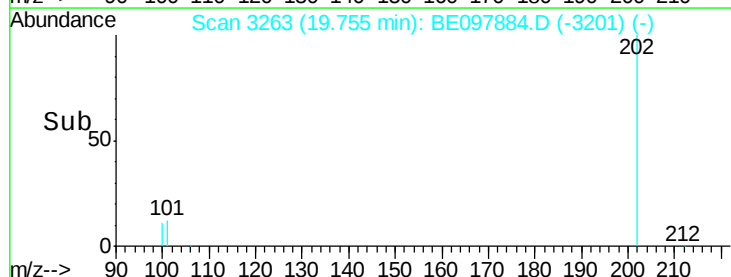
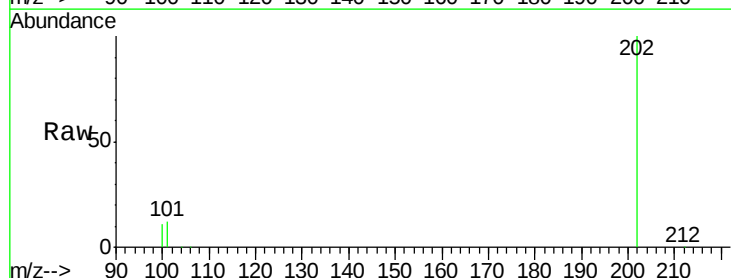
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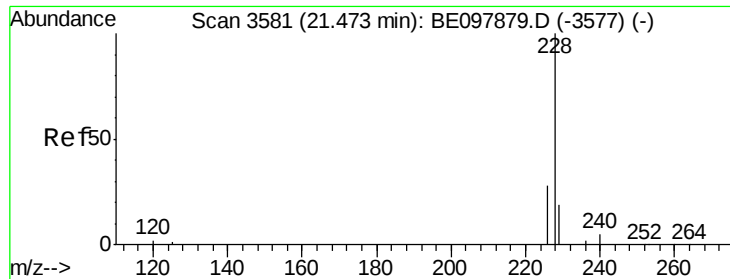
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#17
Pyrene
Concen: 47.445 ng/ul
RT: 19.76 min Scan# 3263
Delta R.T. 0.02 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Tgt Ion:202 Resp: 2364503
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 10.7 7.9 11.9





#18

Benzo(a)anthracene

Concen: 27.437 ng/ul

RT: 21.50 min Scan# 3584

Delta R.T. 0.02 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

ClientSampleId :

JLC28

Tgt Ion:228 Resp: 1387776

Ion Ratio Lower Upper

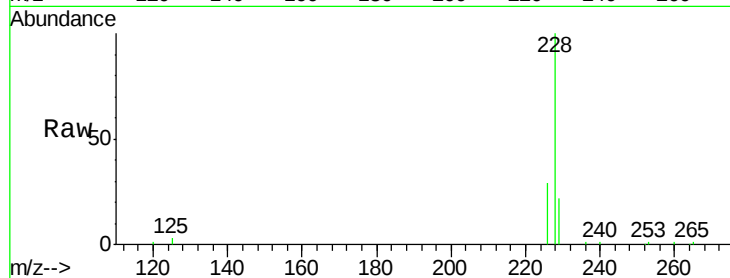
228 100

229 21.9 16.4 24.6

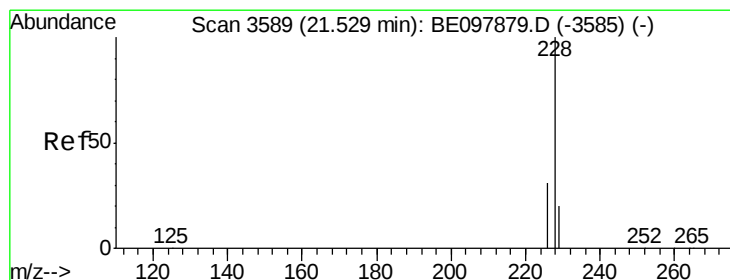
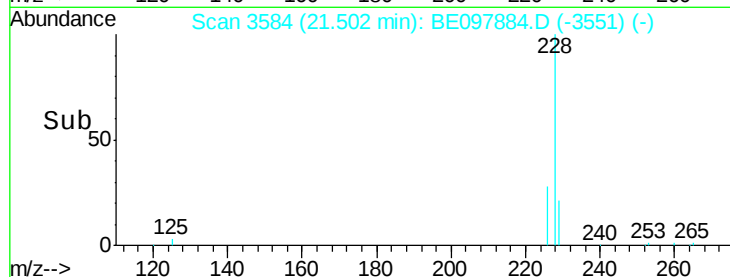
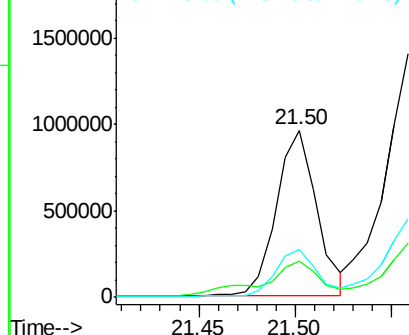
226 28.7 21.5 32.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 49.743 ng/ul

RT: 21.56 min Scan# 3592

Delta R.T. 0.02 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Tgt Ion:228 Resp: 2260653

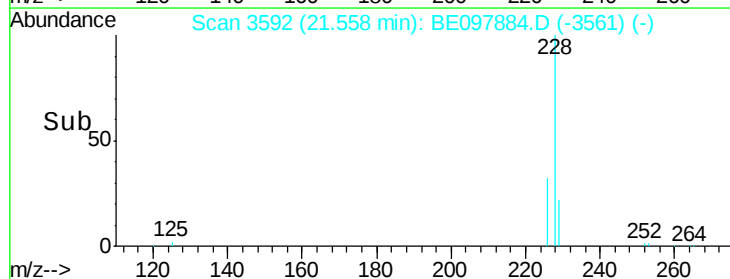
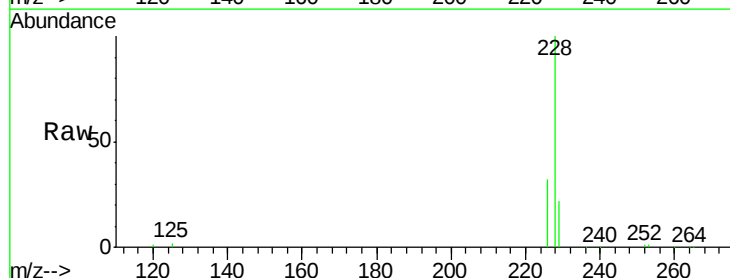
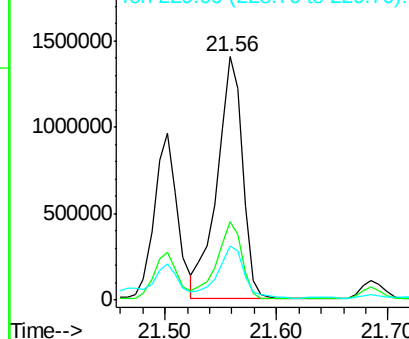
Ion Ratio Lower Upper

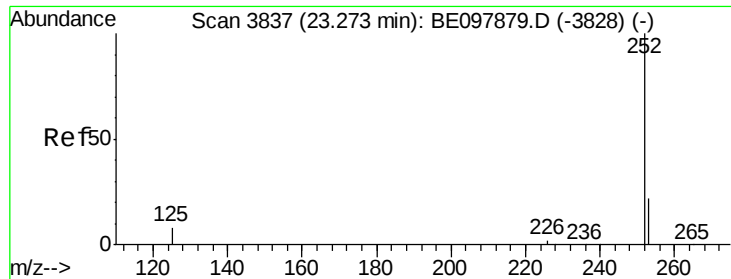
228 100

226 32.3 23.0 34.4

229 22.3 15.5 23.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





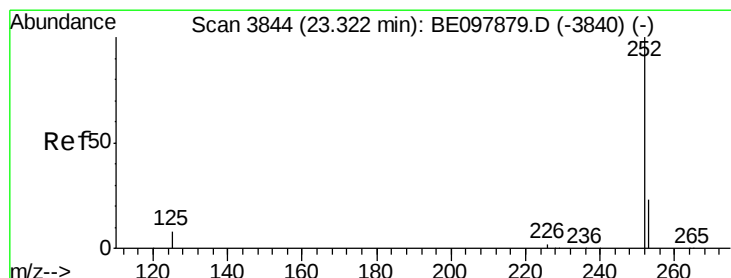
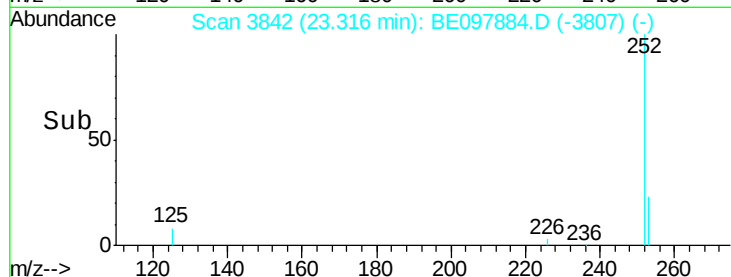
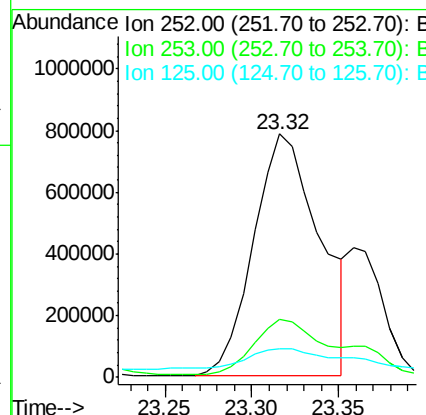
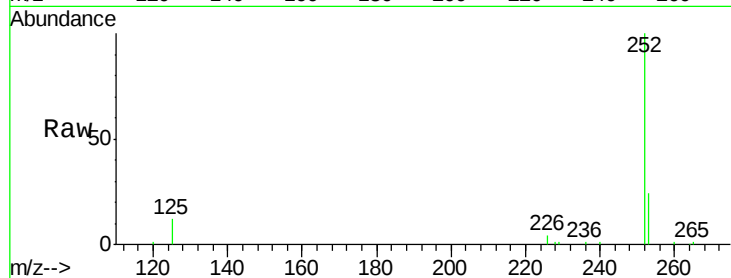
#21
Benzo(b)fluoranthene
Concen: 41.253 ng/ul m
RT: 23.32 min Scan# 3842
Delta R.T. 0.04 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Instrument :
BNA_E
ClientSampleId :
JLC28

Tgt Ion:252 Resp: 2084928
Ion Ratio Lower Upper
252 100
253 23.9 0.0 47.0
125 11.9 0.0 18.2

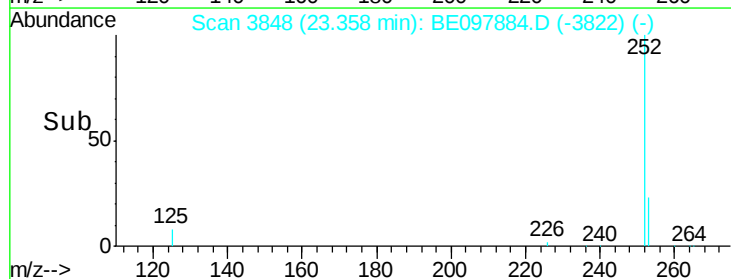
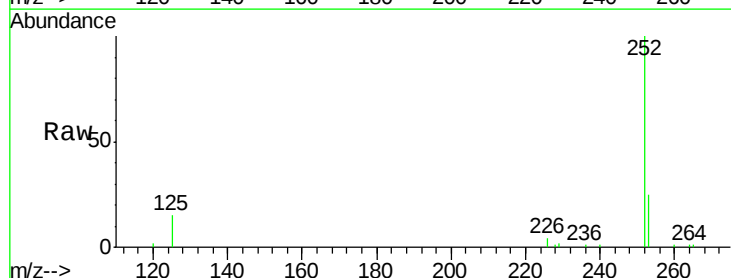
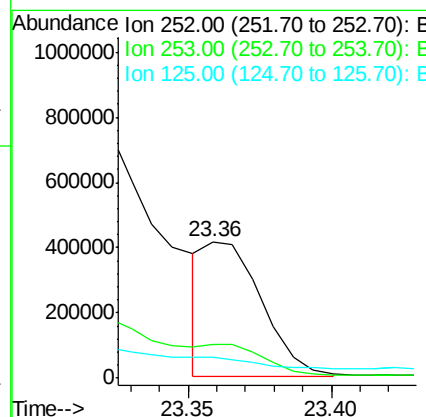
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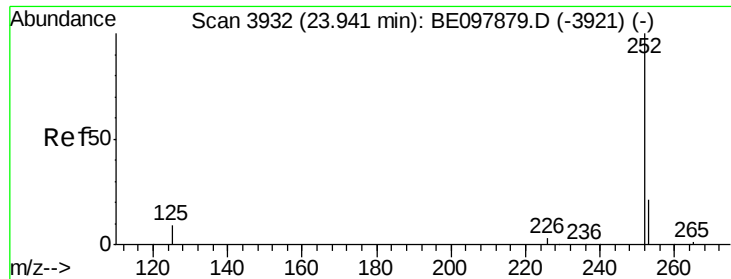
Sohil
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#22
Benzo(k)fluoranthene
Concen: 10.558 ng/ul m
RT: 23.36 min Scan# 3848
Delta R.T. 0.03 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Tgt Ion:252 Resp: 571192
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 15.1 9.4 14.0#





#23

Benzo(a)pyrene

Concen: 22.322 ng/ul m

RT: 23.99 min Scan# 3938

Delta R.T. 0.04 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

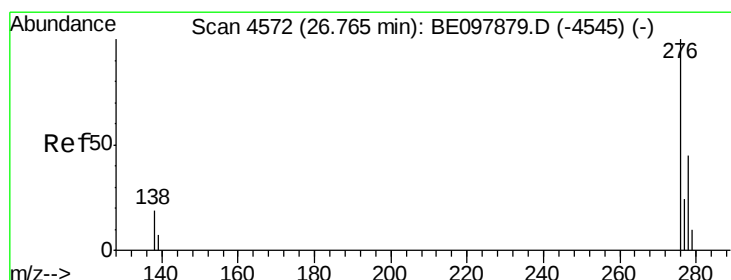
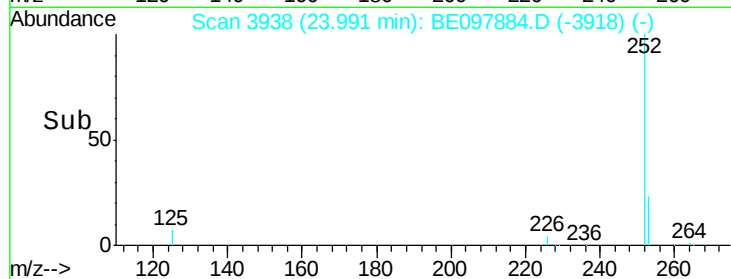
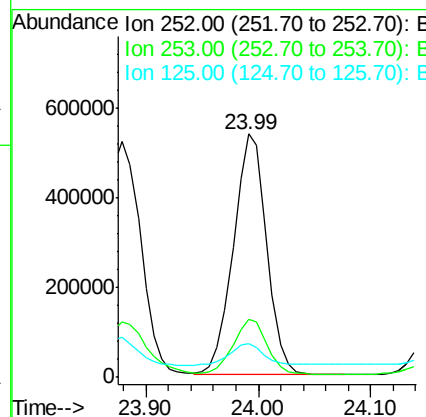
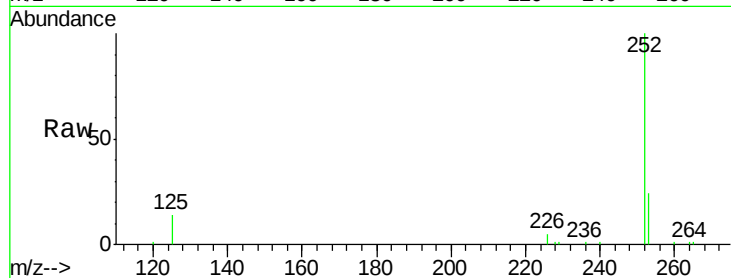
ClientSampleId :

JLC28

Tgt Ion:252 Resp: 1107592
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.2 27.4
 125 13.7 8.3 12.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 14.922 ng/ul m

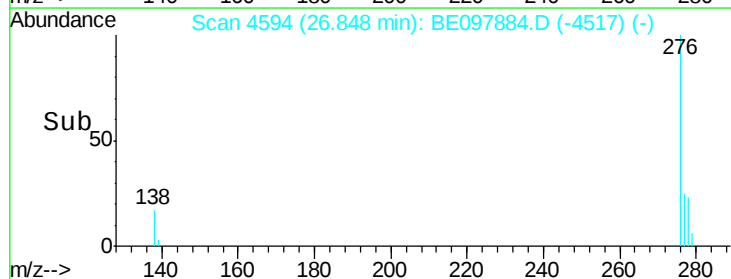
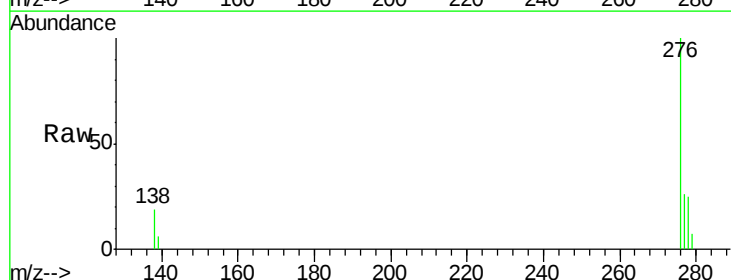
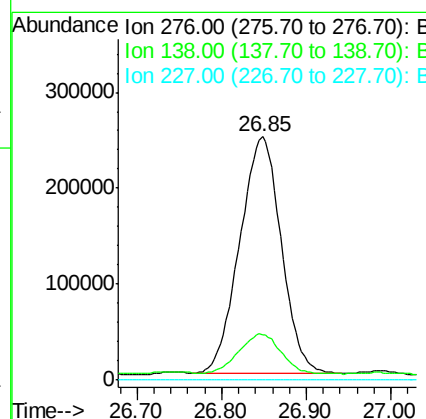
RT: 26.85 min Scan# 4594

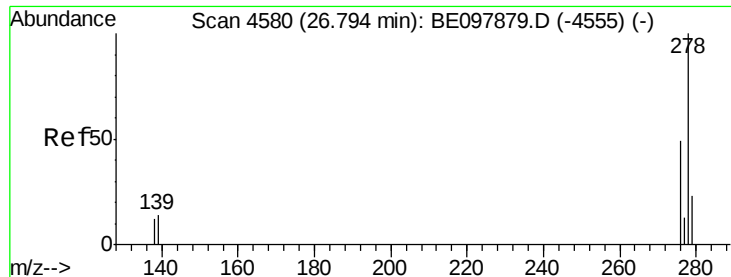
Delta R.T. 0.07 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Tgt Ion:276 Resp: 840527
 Ion Ratio Lower Upper
 276 100
 138 17.1 0.0 0.0#
 227 0.0 0.0 0.0





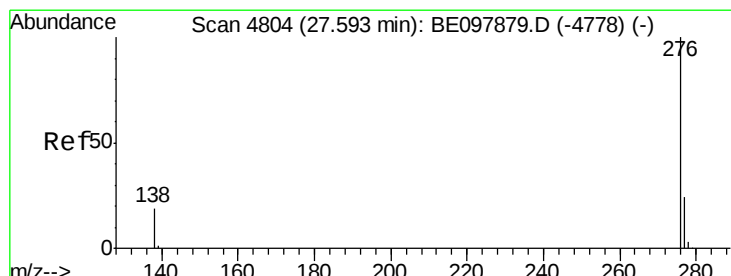
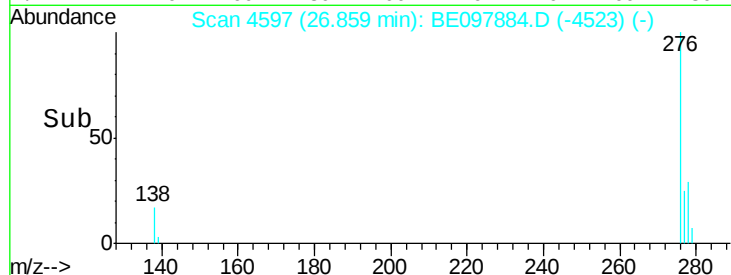
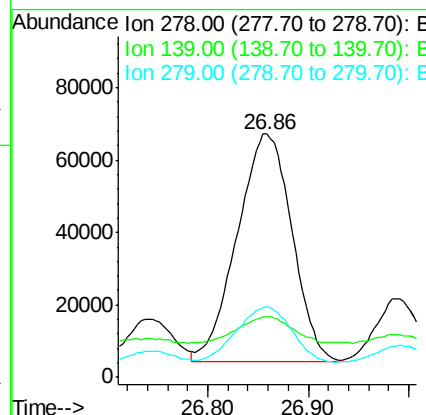
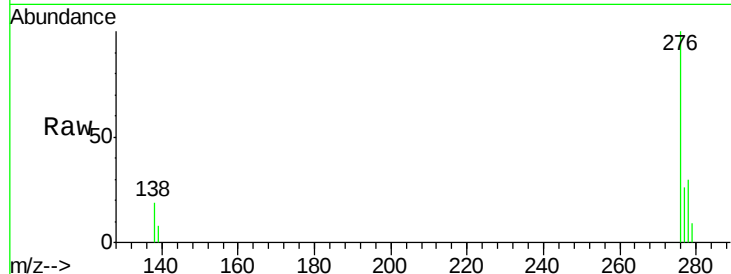
#25
Dibenzo(a,h)anthracene
Concen: 5.110 ng/ul m
RT: 26.86 min Scan# 4597
Delta R.T. 0.06 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Instrument :
BNA_E
ClientSampleId :
JLC28

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	237895		
139	25.1	10.9	16.3#	
279	29.0	18.8	28.2#	

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#26
Benzo(g,h,i)perylene
Concen: 18.151 ng/ul
RT: 27.69 min Scan# 4830
Delta R.T. 0.10 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	890857		
138	19.3	14.3	21.5	
277	25.0	19.5	29.3	

