

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097860.D
 Acq On : 11 Oct 2018 16:52
 Operator : SJ/JU
 Sample : J5184-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC26

Manual Integrations
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Quant Time: Oct 11 17:37:00 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	7.89	152	3879	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	19820	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	15011	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	36129m	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	34923m	0.40	ng/ul	0.00
20) Perylene-d12	24.06	264	32235m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8495	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	28637m	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	38139	0.791	ng/ul	99
5) 2-Methylnaphthalene	12.36	142	34571	0.991	ng/ul	100
7) Acenaphthylene	14.26	152	11235	0.198	ng/ul#	88
8) Acenaphthene	14.61	153	15180	0.344	ng/ul	97
9) Fluorene	15.60	166	19692	0.342	ng/ul#	96
11) Pentachlorophenol	16.95	266	2153m	0.423	ng/ul	
12) Phenanthrene	17.34	178	310327	3.628	ng/ul	97
13) Anthracene	17.44	178	62379m	0.787	ng/ul	
15) Fluoranthene	19.36	202	704557m	6.414	ng/ul	
17) Pyrene	19.73	202	817021	7.853	ng/ul	98
18) Benzo(a)anthracene	21.47	228	547376m	5.184	ng/ul	
19) Chrysene	21.53	228	2042725	21.531	ng/ul	94
21) Benzo(b)fluoranthene	23.27	252	1558648m	18.092	ng/ul	
22) Benzo(k)fluoranthene	23.32	252	425637m	4.615	ng/ul	
23) Benzo(a)pyrene	23.94	252	522788m	6.181	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.76	276	802962	8.362	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.78	278	205898m	2.595	ng/ul	
26) Benzo(g,h,i)perylene	27.60	276	997329	11.921	ng/ul	98

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

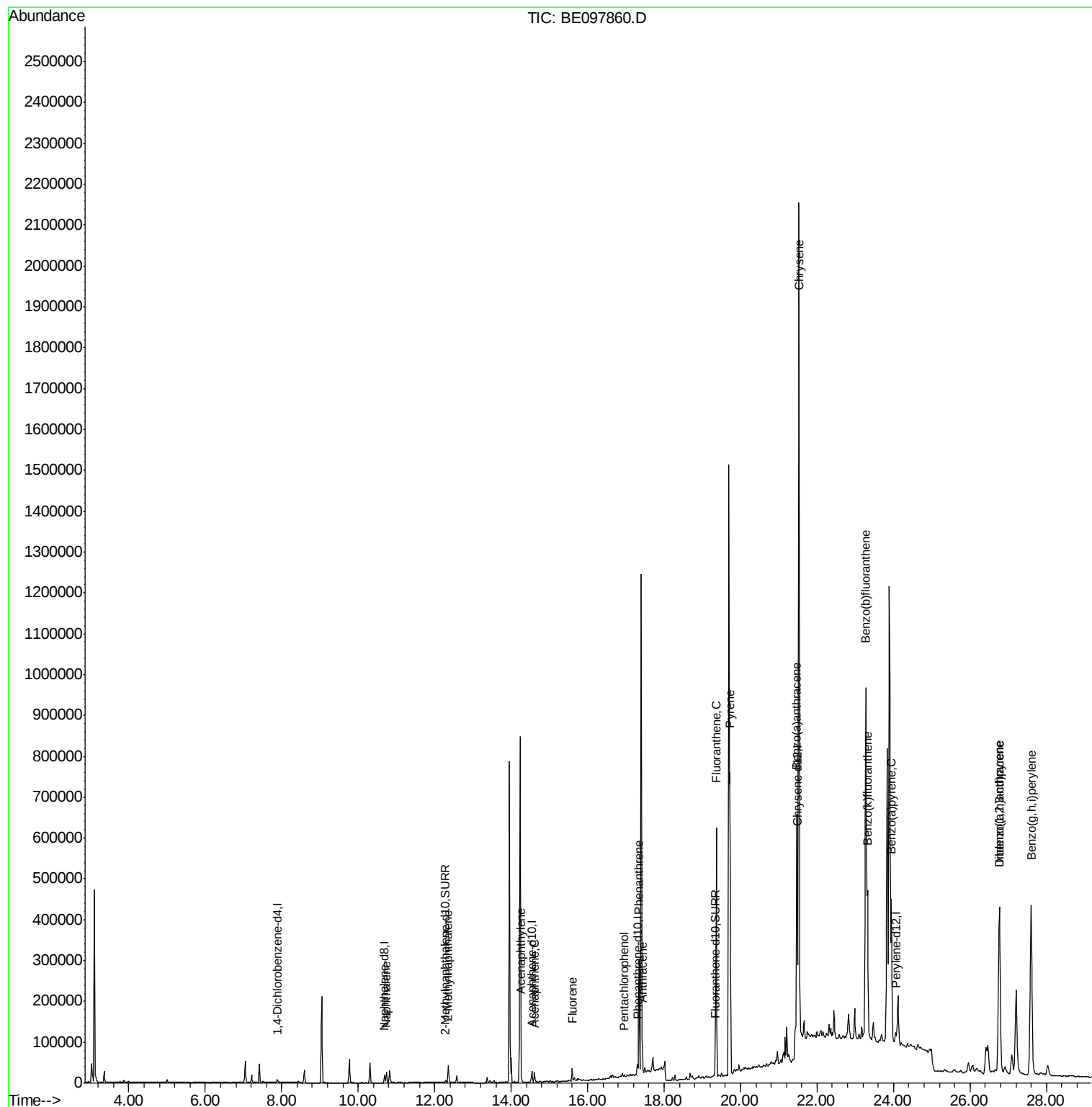
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
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ALS Vial : 12 Sample Multiplier: 1

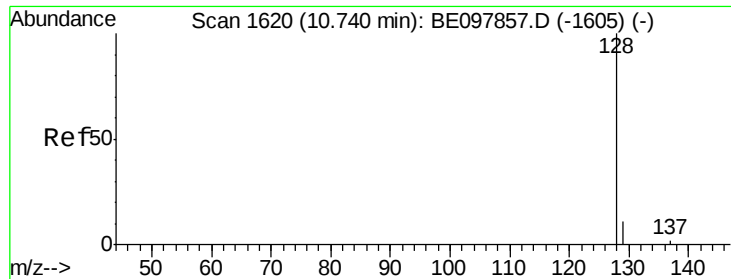
Instrument :
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#3

Naphthalene

Concen: 0.791 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE097860.D

Acq: 11 Oct 2018 16:52

Instrument :

BNA_E

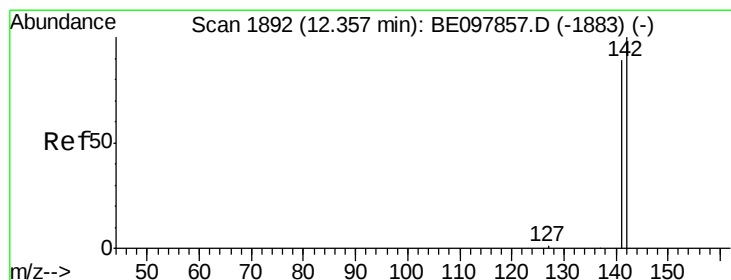
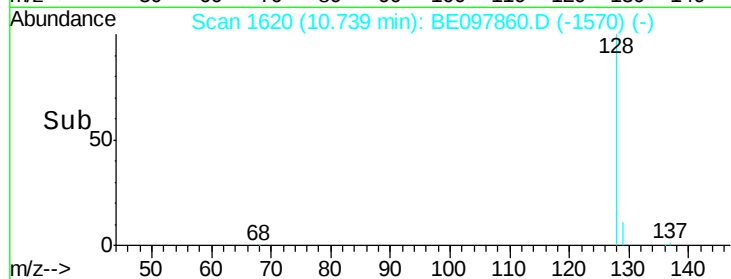
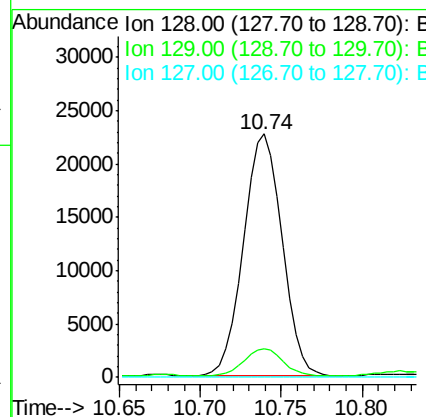
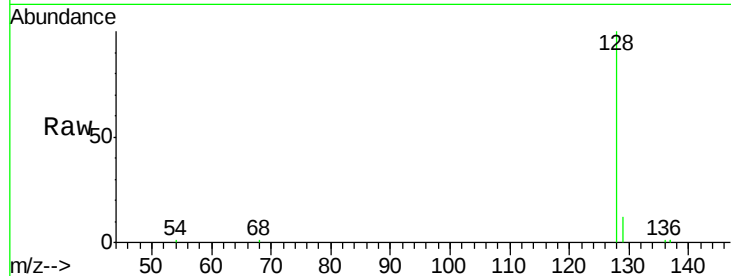
ClientSampleId :

JLC26

Tgt Ion:	128	Resp:	38139
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.991 ng/ul

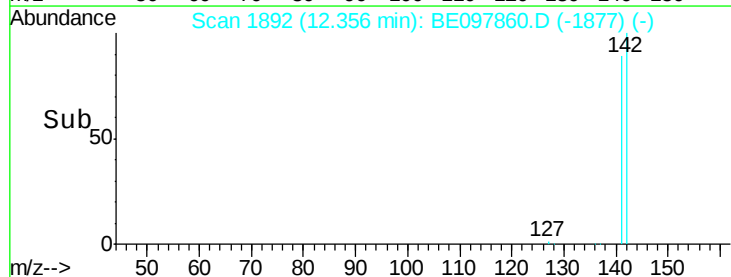
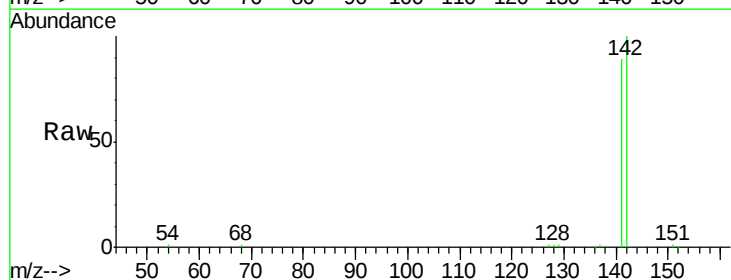
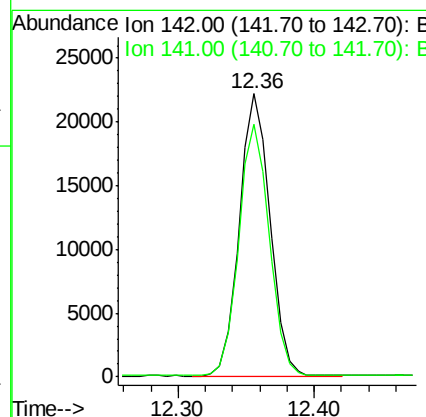
RT: 12.36 min Scan# 1892

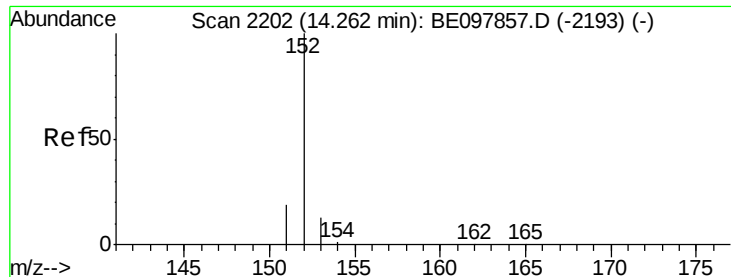
Delta R.T. -0.00 min

Lab File: BE097860.D

Acq: 11 Oct 2018 16:52

Tgt Ion:	142	Resp:	34571
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.6	107.4





#7

Acenaphthylene

Concen: 0.198 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097860.D

Acq: 11 Oct 2018 16:52

Instrument :

BNA_E

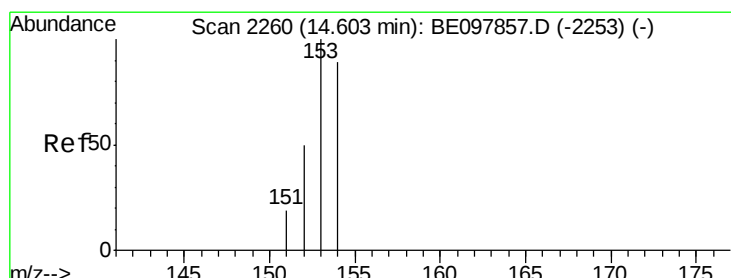
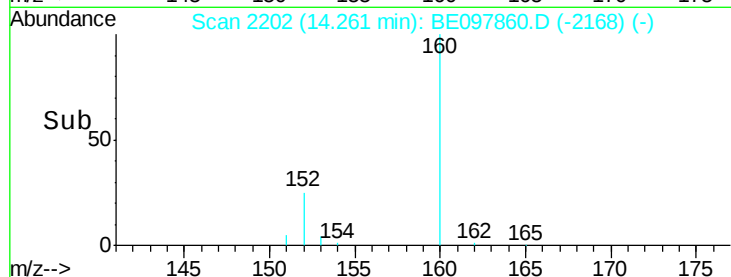
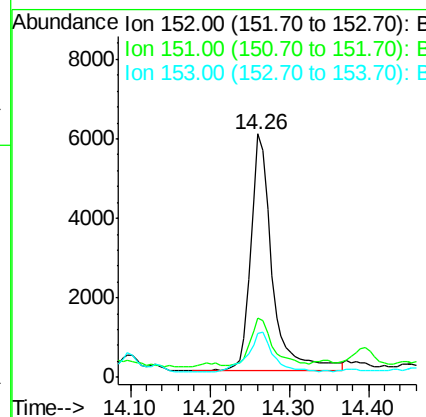
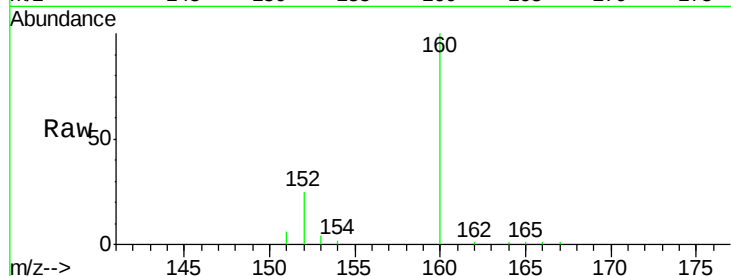
ClientSampleId :

JLC26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.0	22.6#
153	17.8	10.5	15.7#

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#8

Acenaphthene

Concen: 0.344 ng/ul

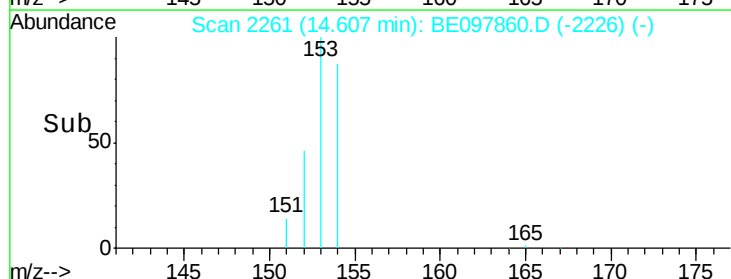
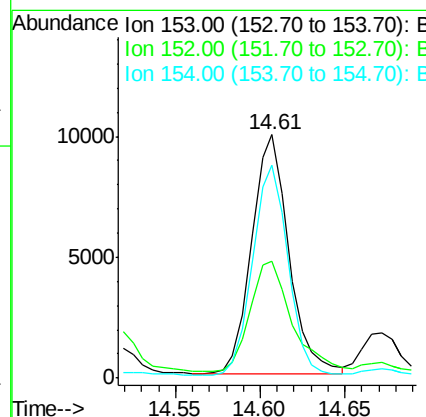
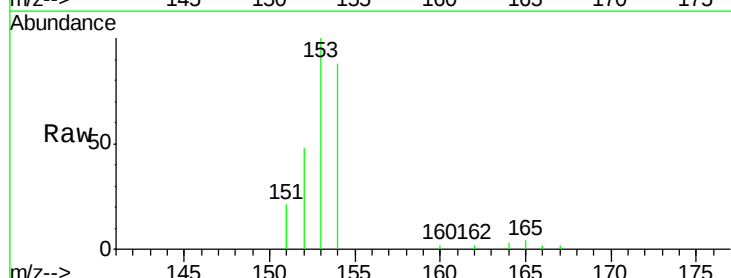
RT: 14.61 min Scan# 2261

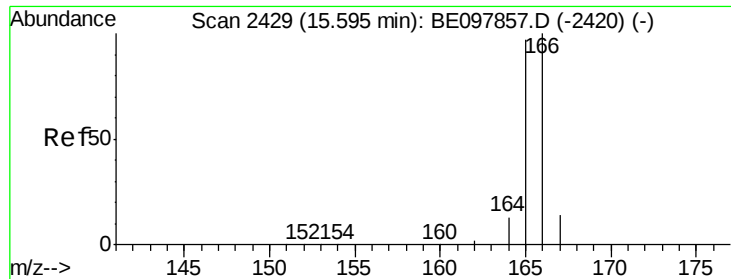
Delta R.T. 0.01 min

Lab File: BE097860.D

Acq: 11 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.2	41.2	61.8
154	87.6	68.6	103.0





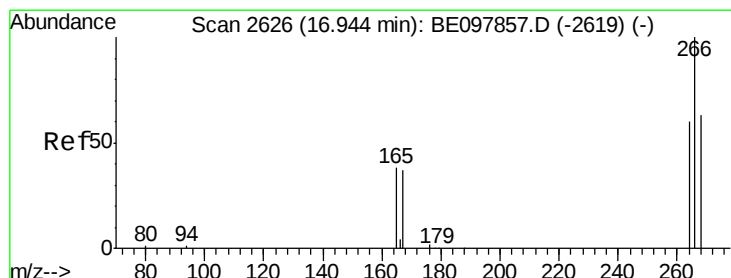
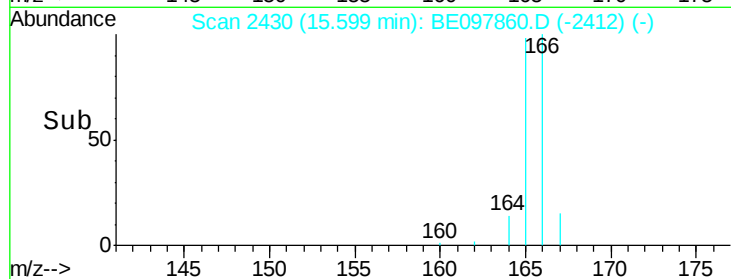
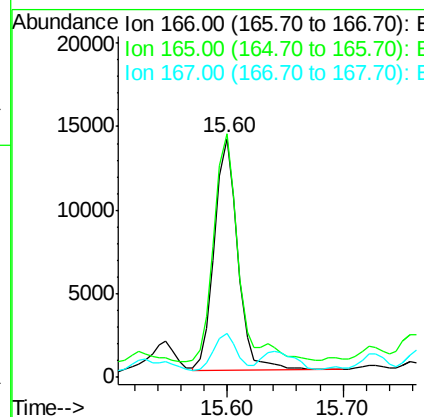
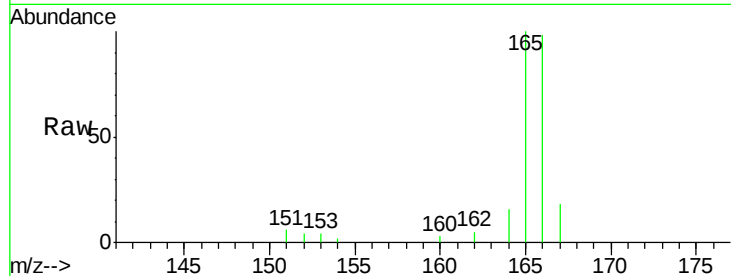
#9
Fluorene
 Concen: 0.342 ng/ul
 RT: 15.60 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE097860.D
 Acq: 11 Oct 2018 16:52

Instrument :
 BNA_E
 ClientSampleId :
 JLC26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.2	118.8
167	18.3	11.3	16.9#

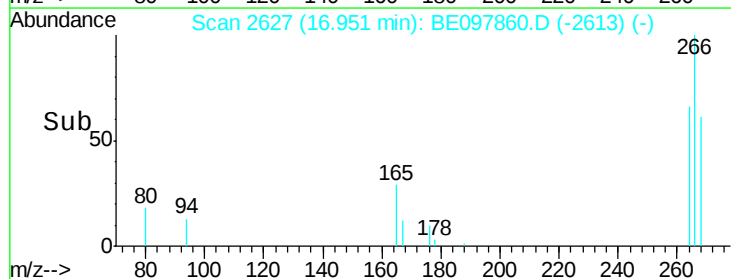
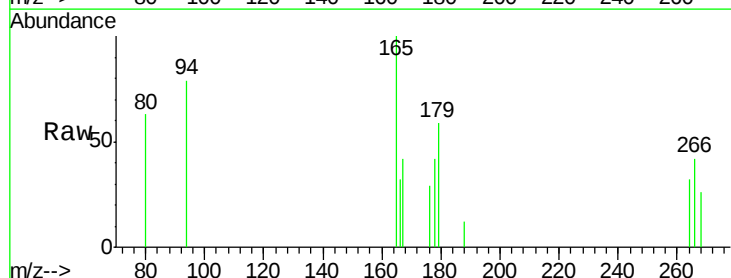
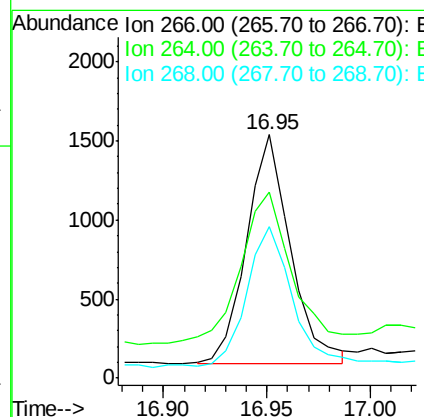
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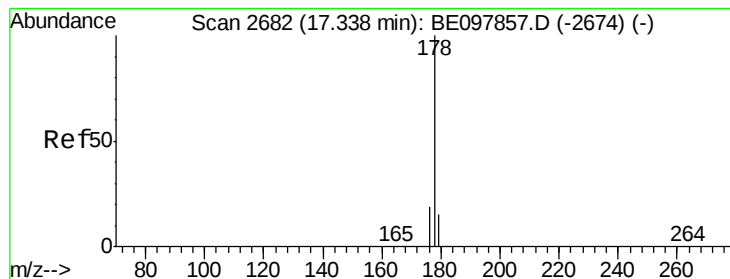
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#11
Pentachlorophenol
 Concen: 0.423 ng/ul m
 RT: 16.95 min Scan# 2627
 Delta R.T. 0.00 min
 Lab File: BE097860.D
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.8	74.8#
268	0.0	48.4	72.6#





#12

Phenanthrene

Concen: 3.628 ng/ul

RT: 17.34 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE097860.D

Acq: 11 Oct 2018 16:52

Instrument :

BNA_E

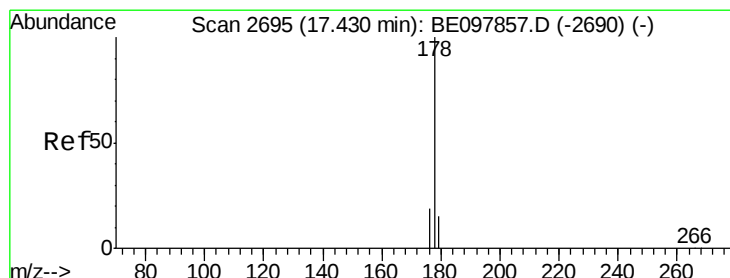
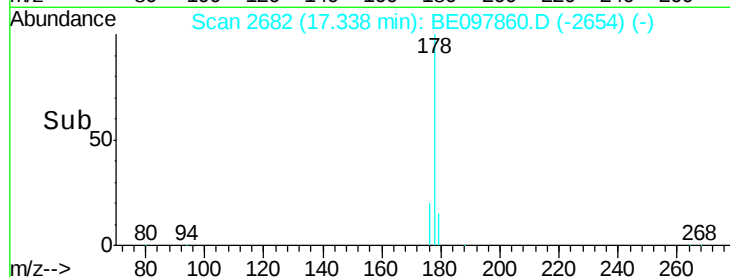
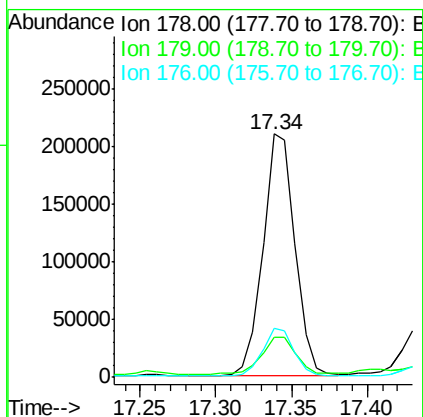
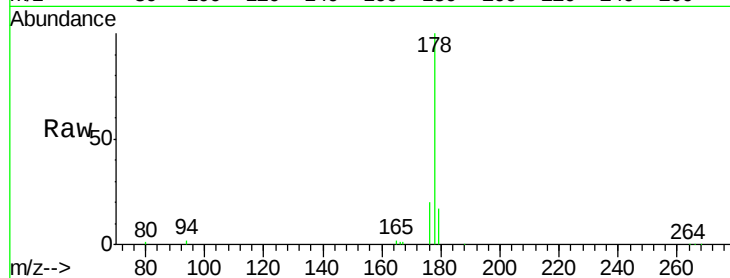
ClientSampleId :

JLC26

Tgt Ion:	178	Resp:	310327
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	20.2	14.9	22.3

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#13

Anthracene

Concen: 0.787 ng/ul m

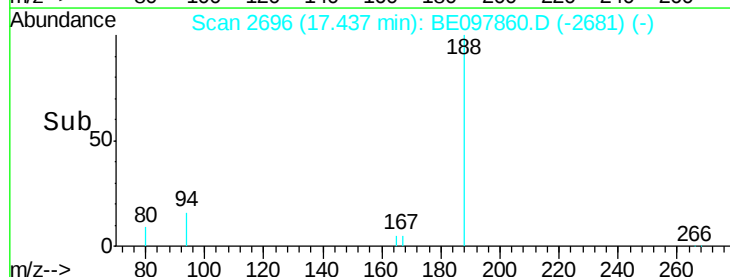
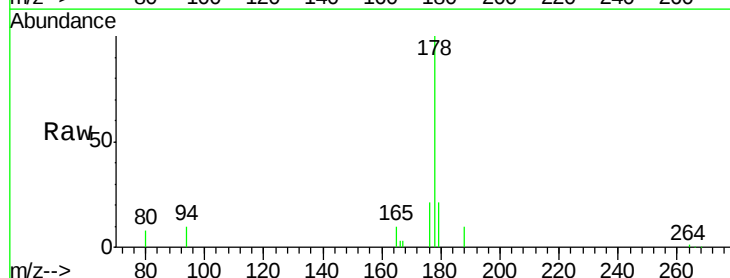
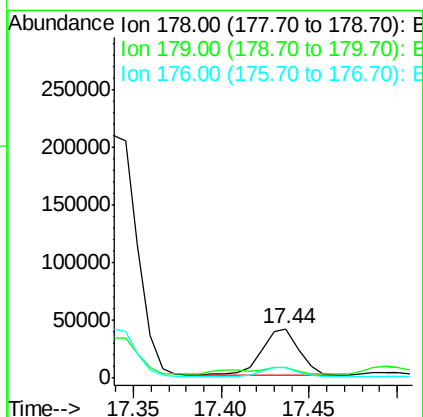
RT: 17.44 min Scan# 2696

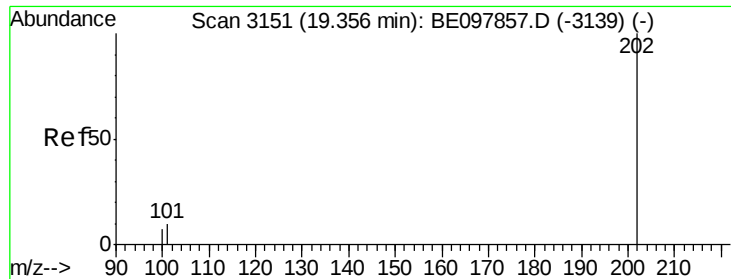
Delta R.T. 0.01 min

Lab File: BE097860.D

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Tgt Ion:	178	Resp:	62379
Ion Ratio	Lower	Upper	
178	100		
179	21.5	12.9	19.3#
176	20.6	15.5	23.3





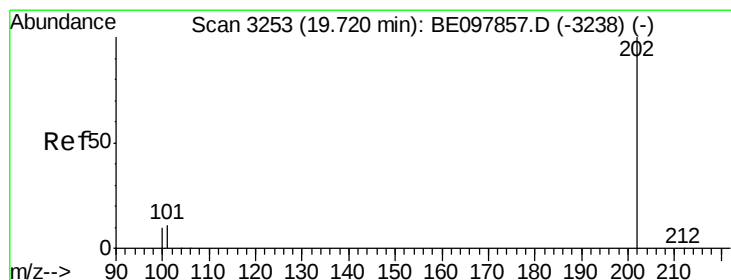
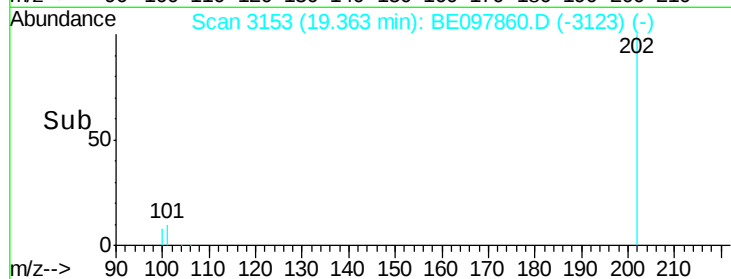
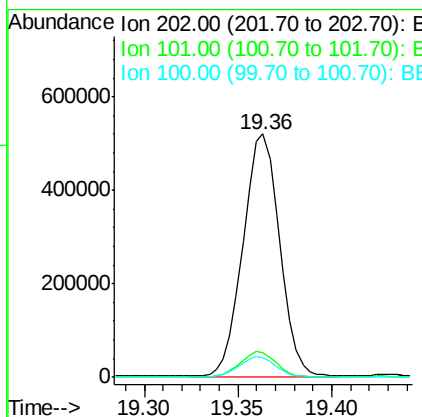
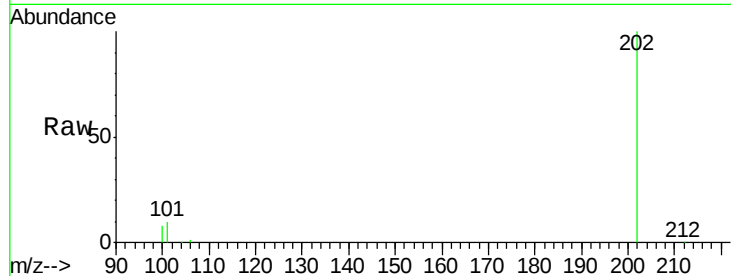
#15
Fluoranthene
 Concen: 6.414 ng/ul m
 RT: 19.36 min Scan# 3153
 Delta R.T. 0.01 min
 Lab File: BE097860.D
 Acq: 11 Oct 2018 16:52

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Tgt	Ion	202	Resp:	704557
Ion	Ratio	Lower	Upper	
202	100			
101	10.2	0.0	29.3	
100	8.2	0.0	27.5	

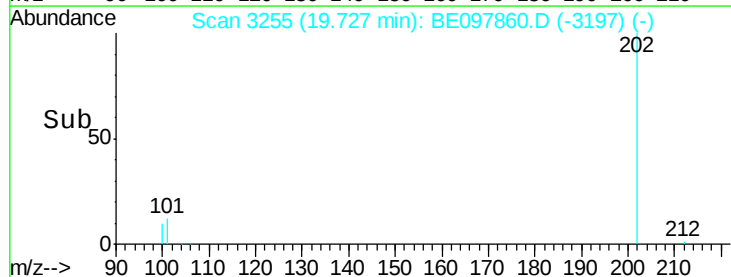
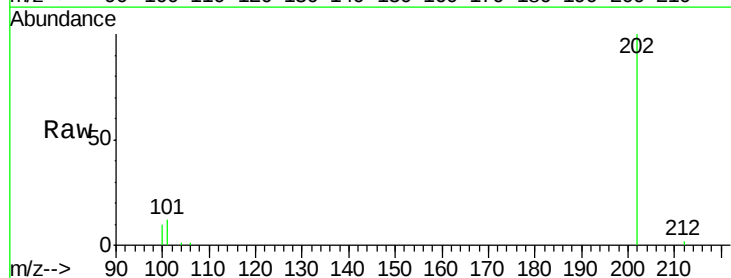
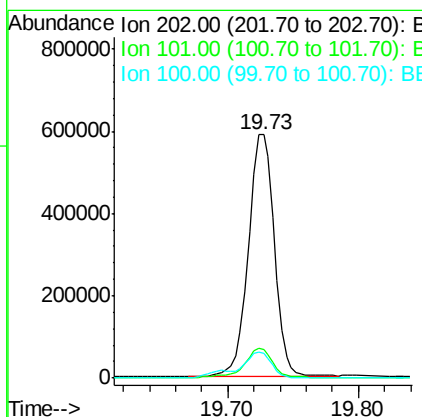
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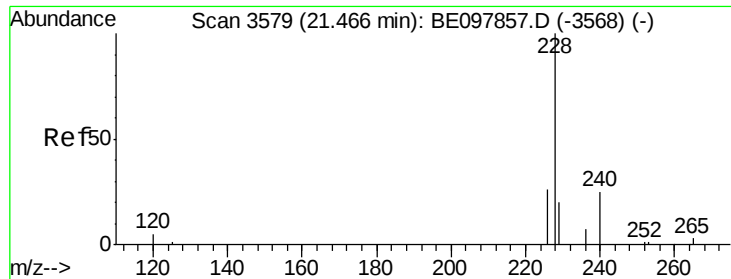
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#17
Pyrene
 Concen: 7.853 ng/ul
 RT: 19.73 min Scan# 3255
 Delta R.T. 0.01 min
 Lab File: BE097860.D
 Acq: 11 Oct 2018 16:52

Tgt	Ion	202	Resp:	817021
Ion	Ratio	Lower	Upper	
202	100			
101	12.0	8.8	13.2	
100	10.4	7.9	11.9	





#18

Benzo(a)anthracene

Concen: 5.184 ng/ul m

RT: 21.47 min Scan# 3580

Delta R.T. 0.01 min

Lab File: BE097860.D

Acq: 11 Oct 2018 16:52

Instrument :

BNA_E

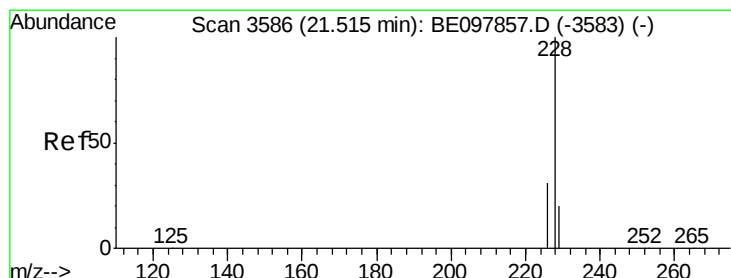
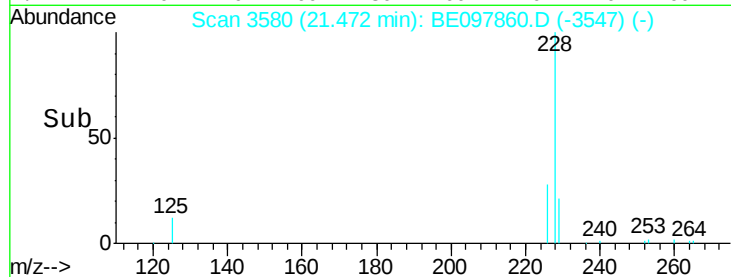
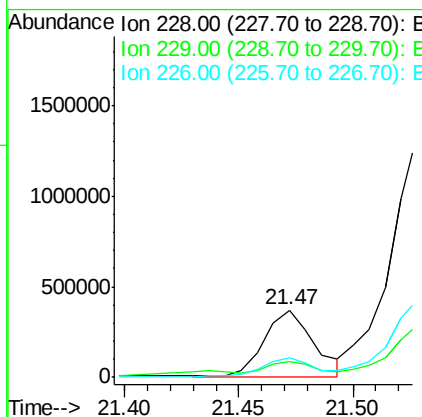
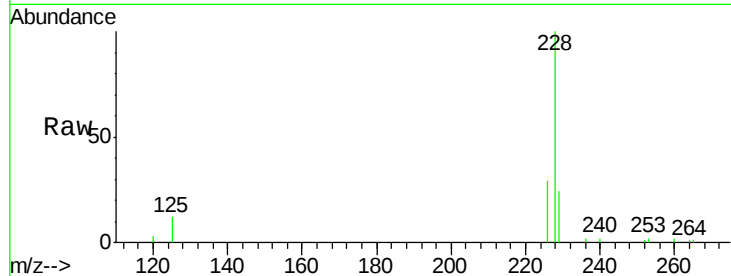
ClientSampleId :

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Tgt Ion:	228	Resp:	547376
Ion Ratio	Lower	Upper	
228	100		
229	23.8	16.4	24.6
226	29.1	21.5	32.3

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#19

Chrysene

Concen: 21.531 ng/ul

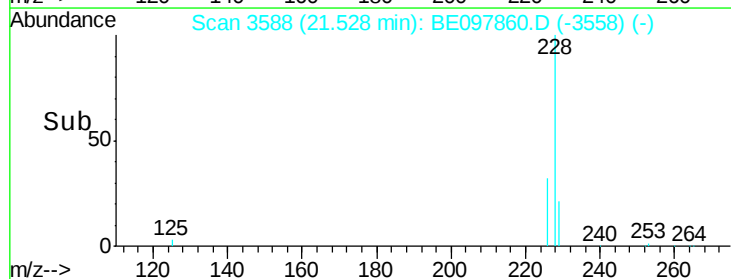
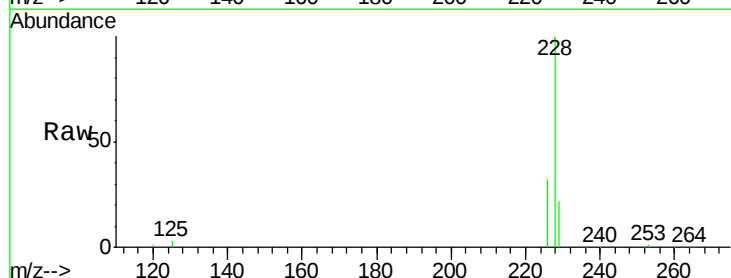
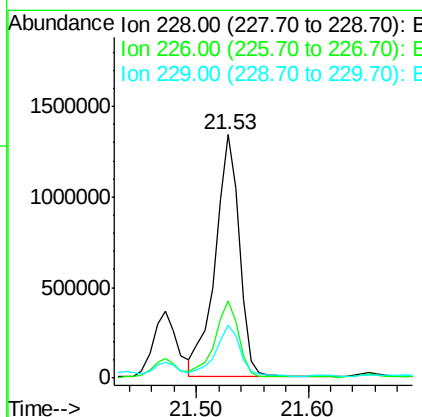
RT: 21.53 min Scan# 3588

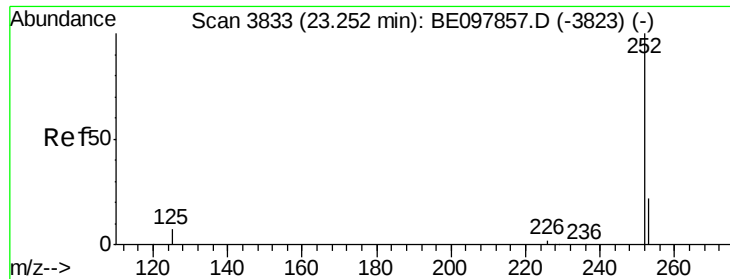
Delta R.T. 0.01 min

Lab File: BE097860.D

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Tgt Ion:	228	Resp:	2042725
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.0	34.4
229	21.8	15.5	23.3





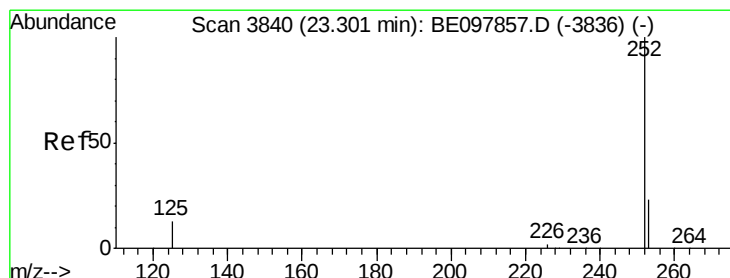
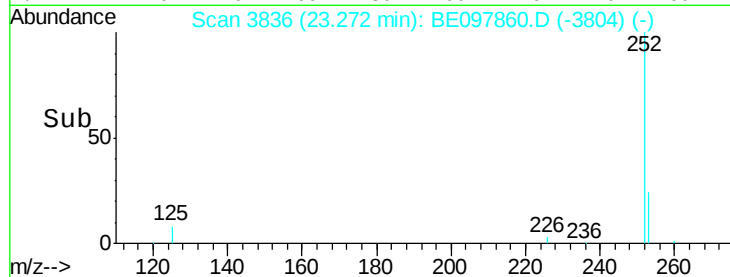
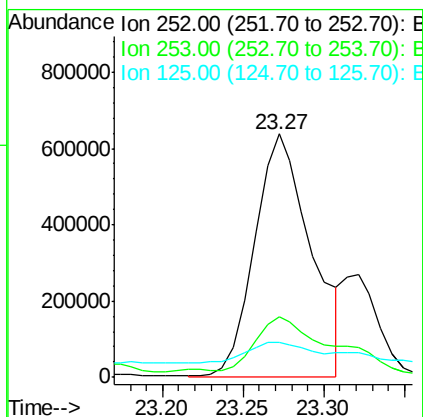
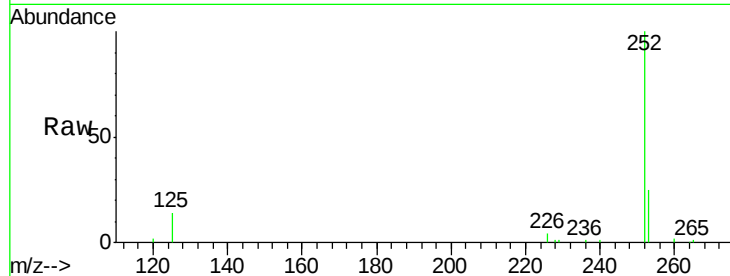
#21
Benzo(b)fluoranthene
Concen: 18.092 ng/ul m
RT: 23.27 min Scan# 3836
Delta R.T. 0.03 min
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ClientSampleId :
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Tgt Ion:252 Resp: 1558648
Ion Ratio Lower Upper
252 100
253 24.8 0.0 47.0
125 14.5 0.0 18.2

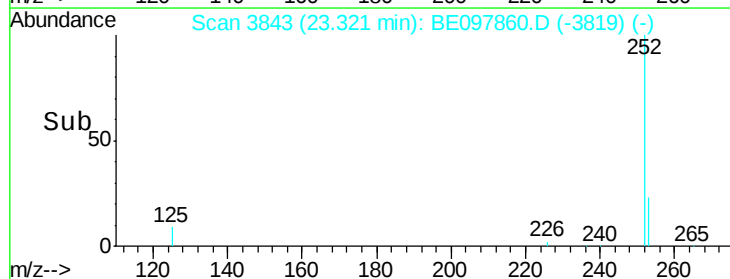
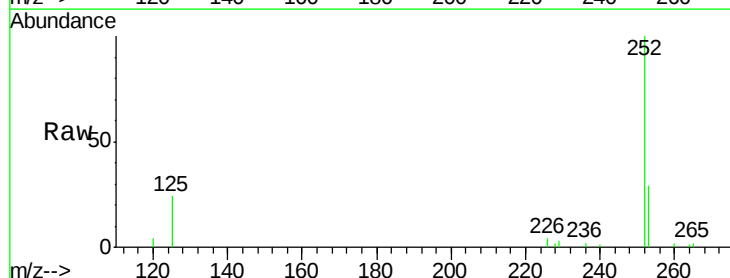
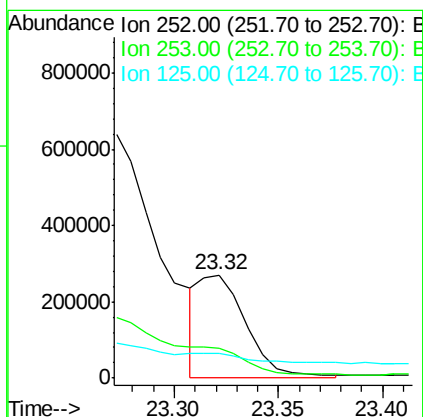
Manual Integrations
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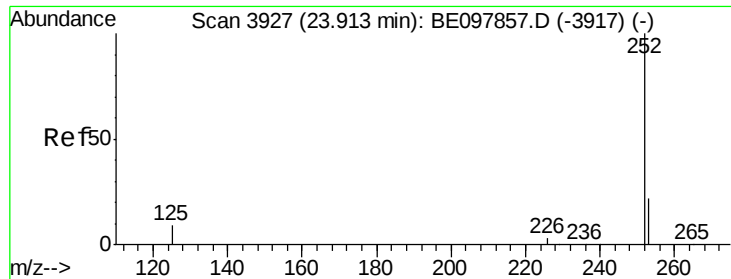
Sohil
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#22
Benzo(k)fluoranthene
Concen: 4.615 ng/ul m
RT: 23.32 min Scan# 3843
Delta R.T. 0.02 min
Lab File: BE097860.D
Acq: 11 Oct 2018 16:52

Tgt Ion:252 Resp: 425637
Ion Ratio Lower Upper
252 100
253 29.2 17.8 26.6#
125 23.5 9.4 14.0#





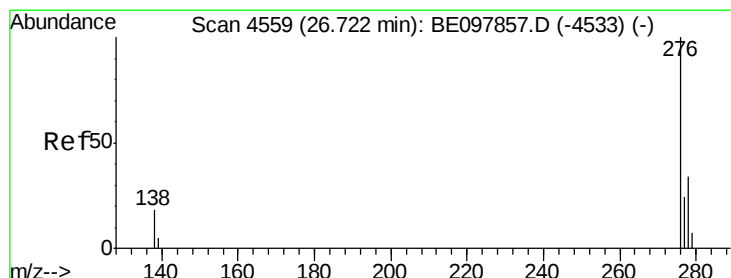
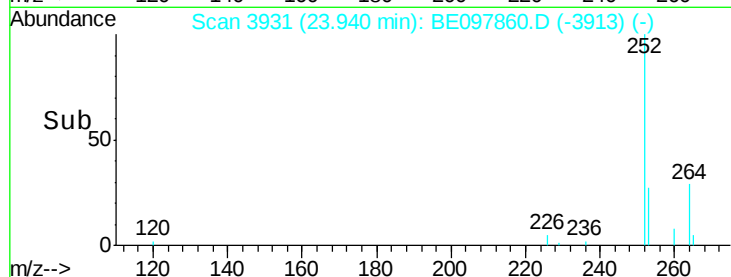
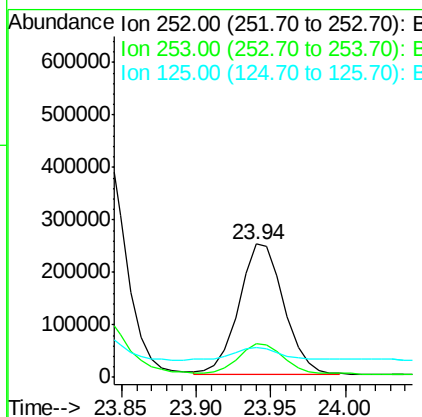
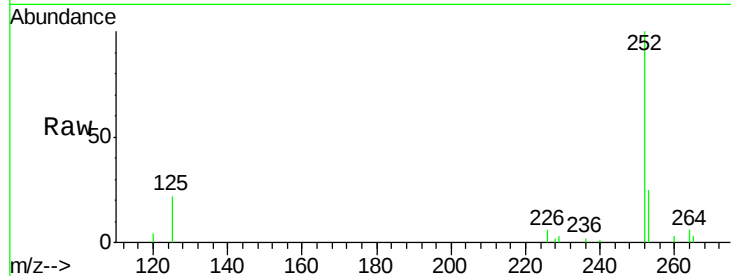
#23
Benzo(a)pyrene
Concen: 6.181 ng/ul m
RT: 23.94 min Scan# 3931
Delta R.T. 0.03 min
Lab File: BE097860.D
Acq: 11 Oct 2018 16:52

Instrument :
BNA_E
ClientSampleId :
JLC26

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.2	18.2	27.4
125	22.2	8.3	12.5#

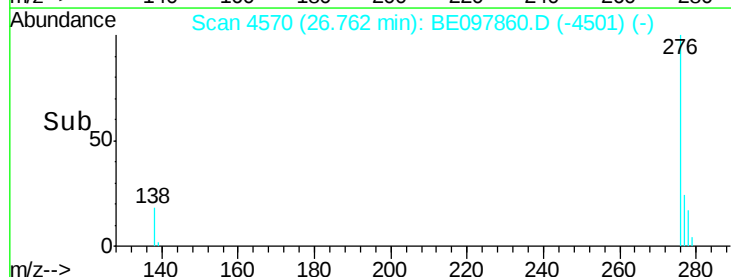
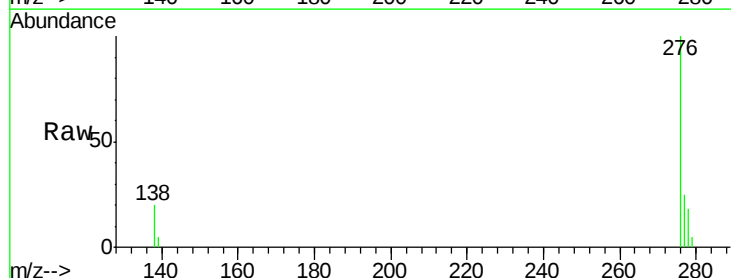
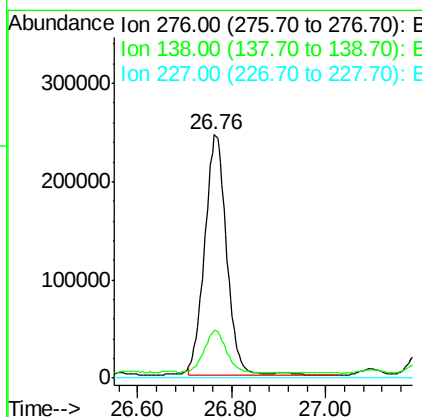
Manual Integrations
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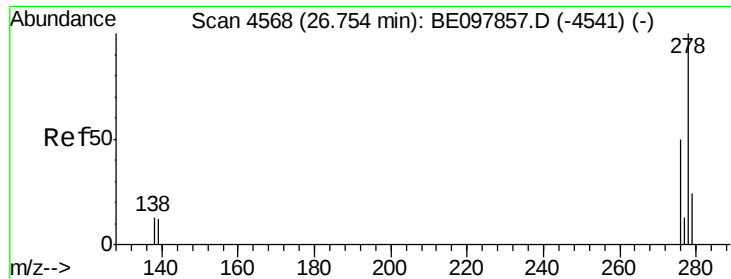
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#24
Indeno(1,2,3-cd)pyrene
Concen: 8.362 ng/ul
RT: 26.76 min Scan# 4570
Delta R.T. 0.05 min
Lab File: BE097860.D
Acq: 11 Oct 2018 16:52

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





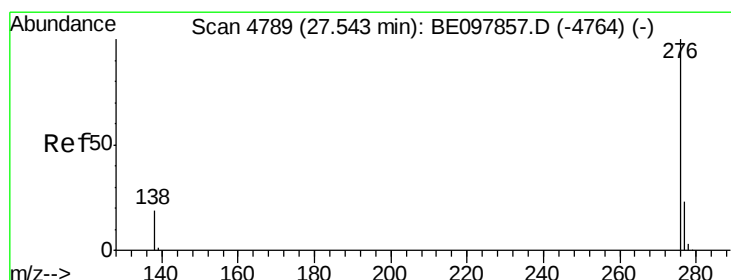
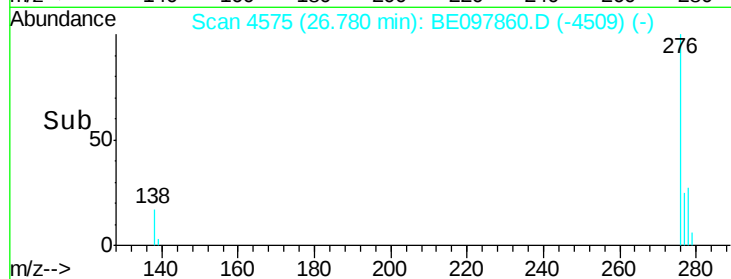
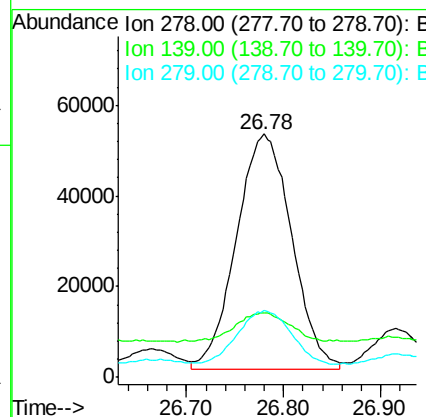
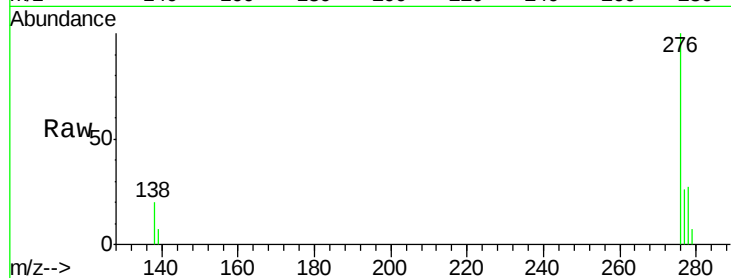
#25
Dibenzo(a,h)anthracene
Concen: 2.595 ng/ul m
RT: 26.78 min Scan# 4575
Delta R.T. 0.04 min
Lab File: BE097860.D
Acq: 11 Oct 2018 16:52

Instrument :
BNA_E
ClientSampleId :
JLC26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	205898		
139	26.3	10.9	16.3#	
279	27.5	18.8	28.2	

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 11.921 ng/ul
RT: 27.60 min Scan# 4805
Delta R.T. 0.06 min
Lab File: BE097860.D
Acq: 11 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	997329		
138	19.5	14.3	21.5	
277	24.6	19.5	29.3	

