

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097868.D
 Acq On : 11 Oct 2018 21:48
 Operator : SJ/JU
 Sample : J5183-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC37

Manual Integrations
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Quant Time: Oct 12 04:38:27 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 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2622	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13341	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	9461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	21347m	0.40	ng/ul	0.01
16) Chrysene-d12	21.50	240	20064m	0.40	ng/ul	0.02
20) Perylene-d12	24.08	264	18426m	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6874	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	20625m	0.30	ng/ul	0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2421	0.075	ng/ul#	89
5) 2-Methylnaphthalene	12.36	142	1969	0.084	ng/ul	98
7) Acenaphthylene	14.27	152	3276	0.092	ng/ul#	65
8) Acenaphthene	14.61	153	1081	0.039	ng/ul#	89
9) Fluorene	15.61	166	1086	0.030	ng/ul#	68
12) Phenanthrene	17.35	178	19255m	0.381	ng/ul	
13) Anthracene	17.44	178	5266m	0.112	ng/ul	
15) Fluoranthene	19.37	202	45631m	0.703	ng/ul	
17) Pyrene	19.73	202	71870m	1.202	ng/ul	
18) Benzo(a)anthracene	21.48	228	29199m	0.481	ng/ul	
19) Chrysene	21.54	228	169981m	3.119	ng/ul	
21) Benzo(b)fluoranthene	23.29	252	158356m	3.216	ng/ul	
22) Benzo(k)fluoranthene	23.34	252	52749m	1.001	ng/ul	
23) Benzo(a)pyrene	23.97	252	48050m	0.994	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.82	276	184947	3.370	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.84	278	37726m	0.832	ng/ul	
26) Benzo(g,h,i)perylene	27.66	276	267295	5.589	ng/ul#	92

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

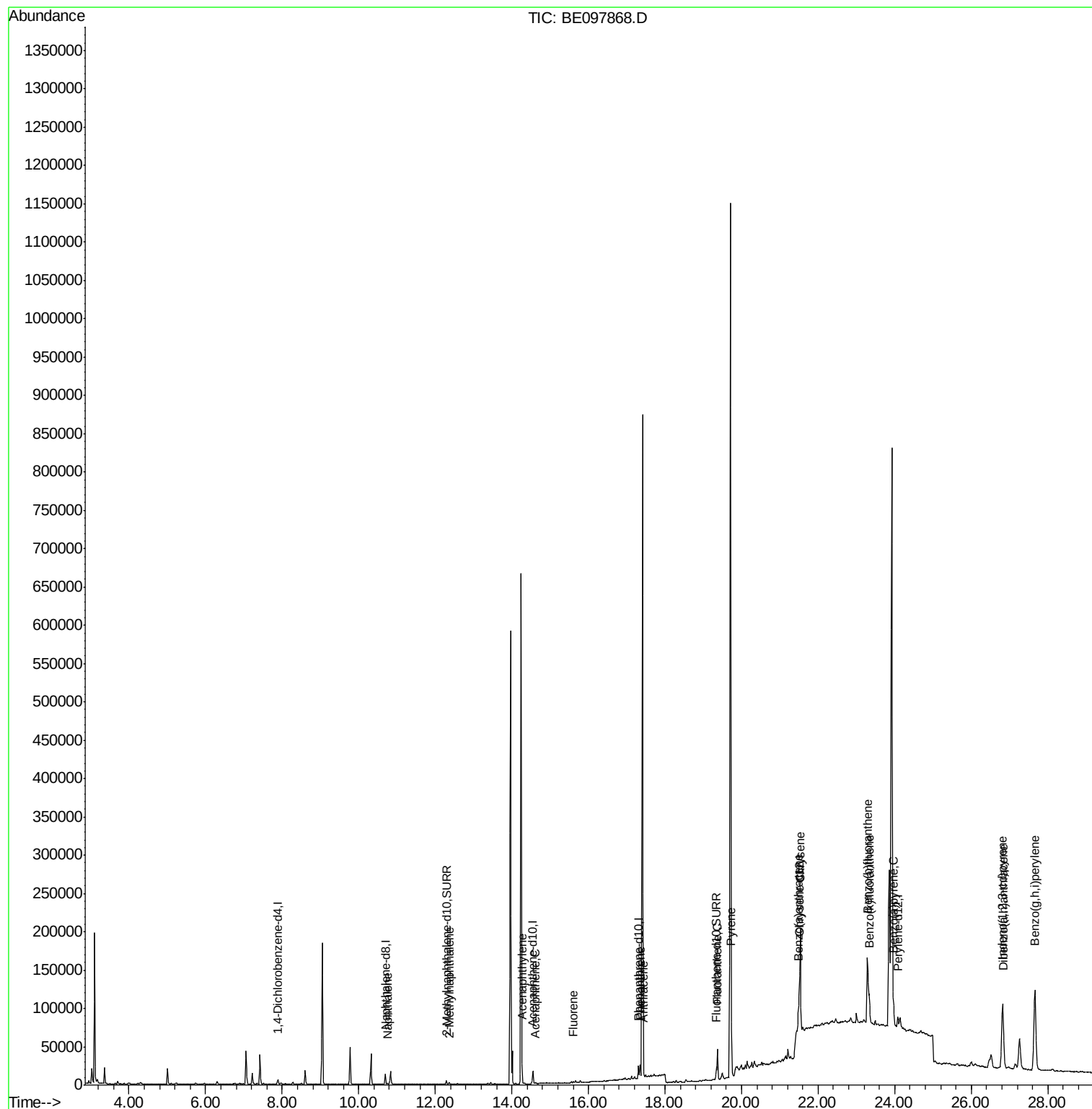
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
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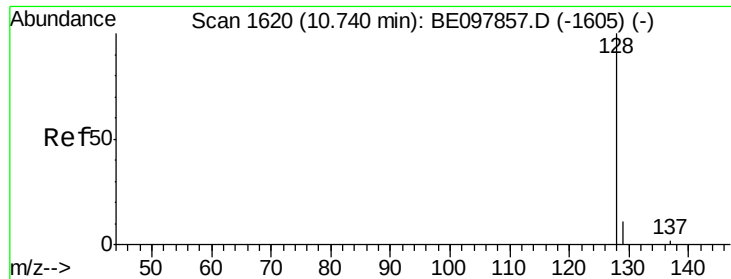
Instrument :
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JLC37

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#3

Naphthalene

Concen: 0.075 ng/ul

RT: 10.74 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

ClientSampleId :

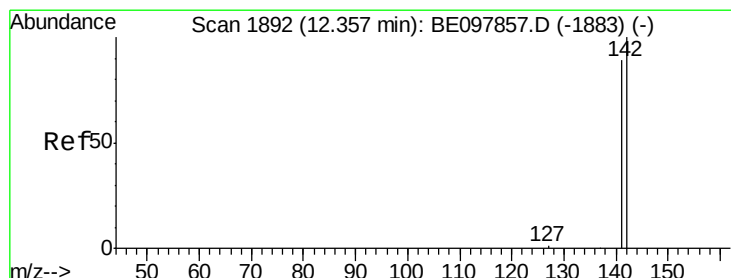
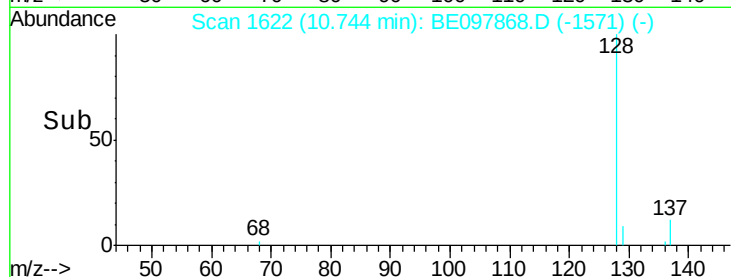
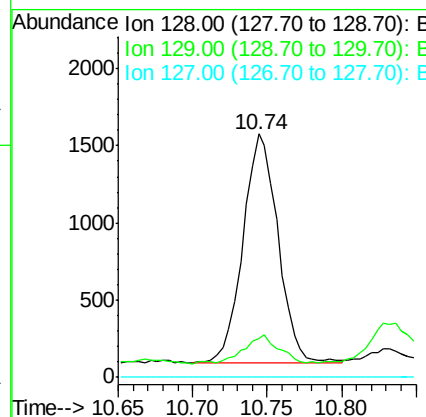
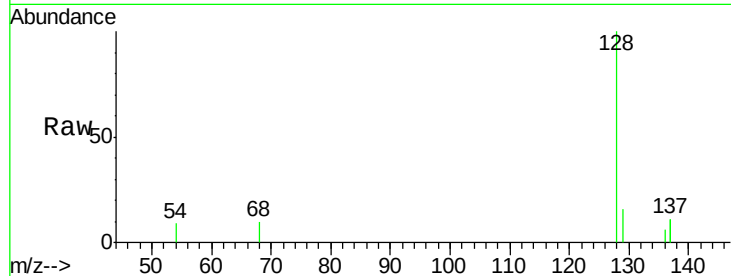
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Tgt Ion:128 Resp: 2421

Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.1	13.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.084 ng/ul

RT: 12.36 min Scan# 1894

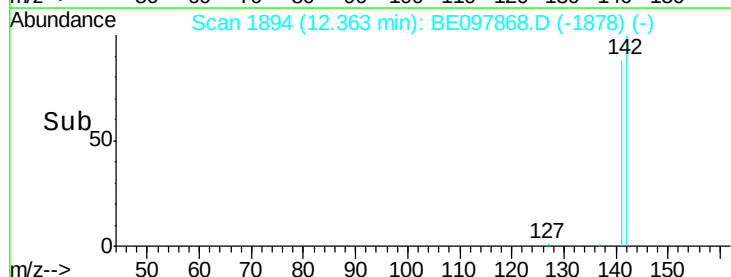
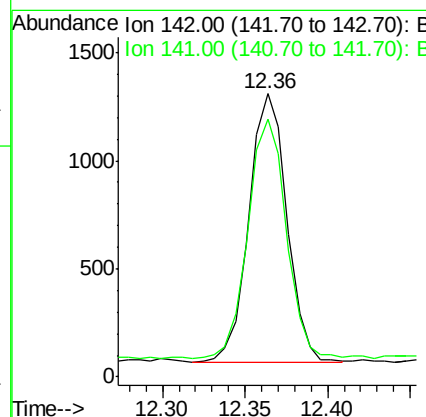
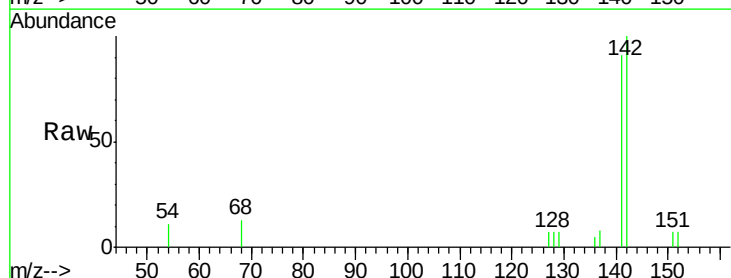
Delta R.T. 0.01 min

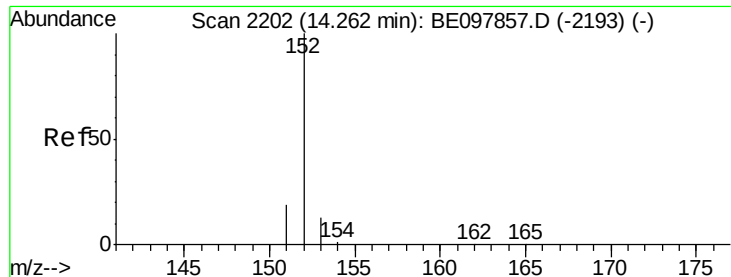
Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Tgt Ion:142 Resp: 1969

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.6	107.4





#7

Acenaphthylene

Concen: 0.092 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

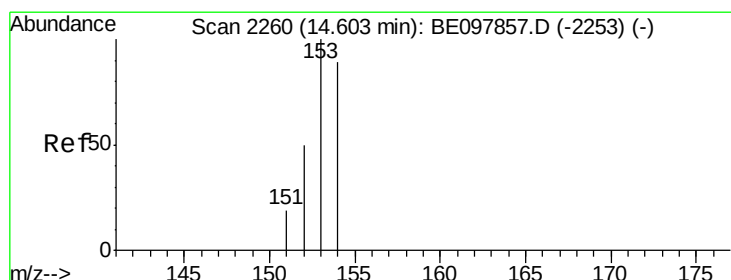
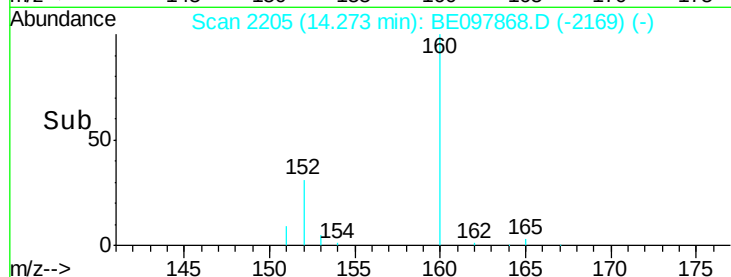
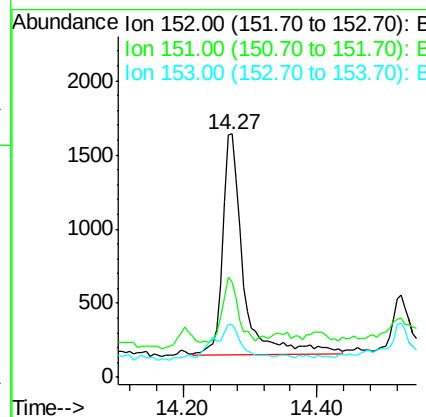
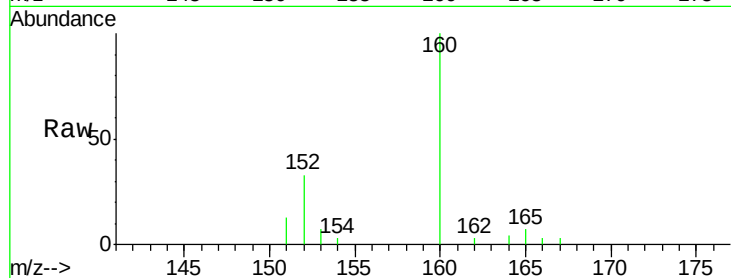
ClientSampleId :

JLC37

Tgt Ion:	152	Resp:	3276
Ion Ratio	Lower	Upper	
152	100		
151	39.0	15.0	22.6#
153	21.6	10.5	15.7#

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#8

Acenaphthene

Concen: 0.039 ng/ul

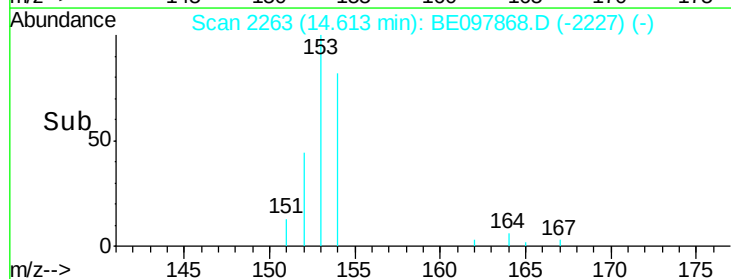
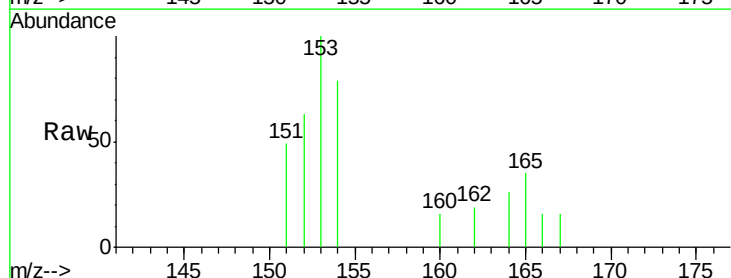
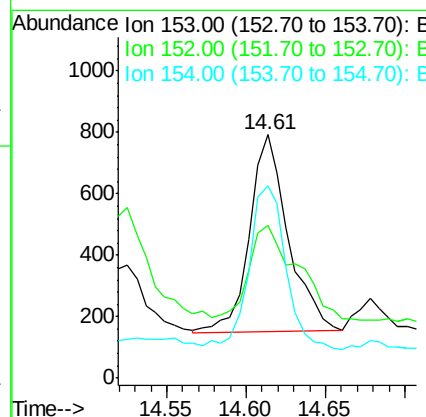
RT: 14.61 min Scan# 2263

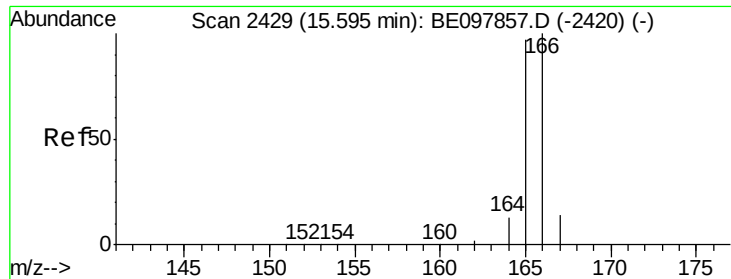
Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Tgt Ion:	153	Resp:	1081
Ion Ratio	Lower	Upper	
153	100		
152	62.9	41.2	61.8#
154	78.9	68.6	103.0





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.61 min Scan# 2432

Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

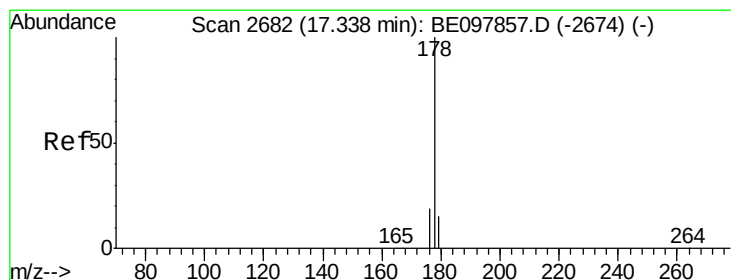
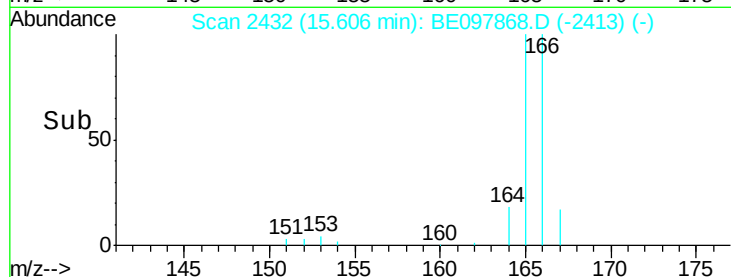
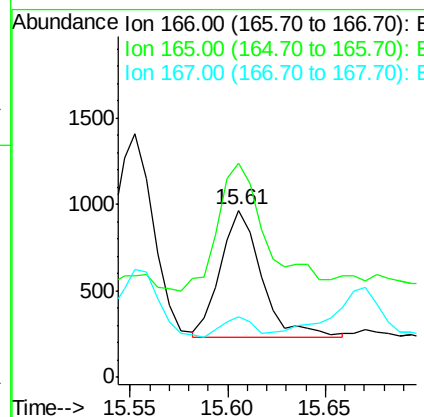
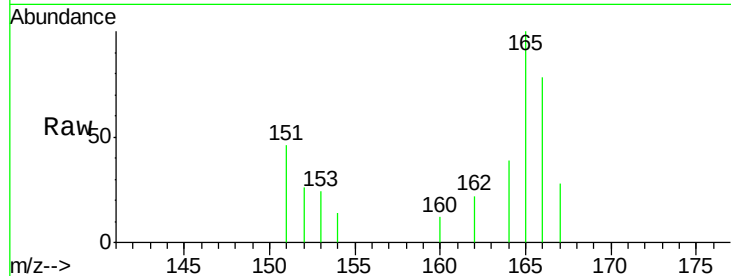
ClientSampled :

JLC37

Tgt Ion:	166	Resp:	1086
Ion Ratio	Lower	Upper	
166	100		
165	128.0	79.2	118.8#
167	36.4	11.3	16.9#

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#12

Phenanthrene

Concen: 0.381 ng/ul m

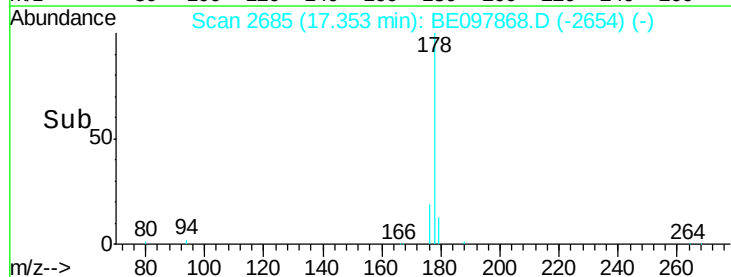
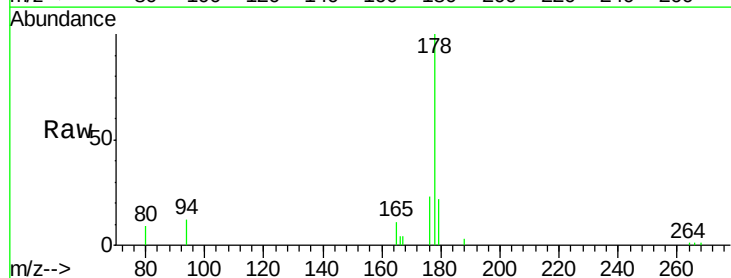
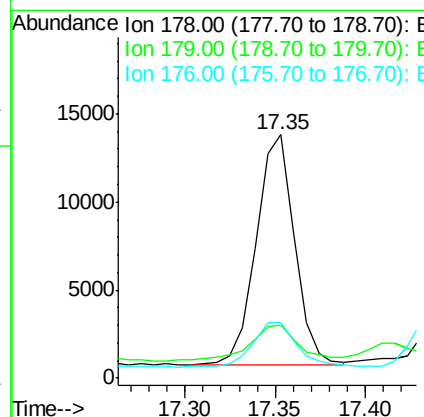
RT: 17.35 min Scan# 2685

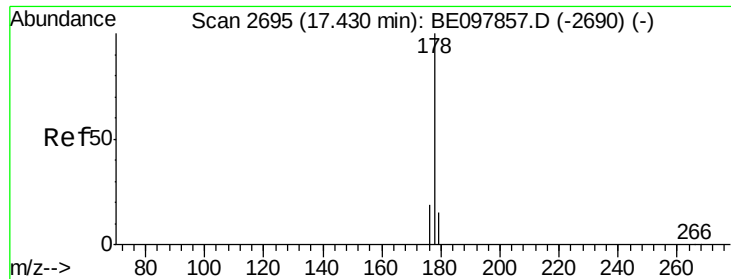
Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Tgt Ion:	178	Resp:	19255
Ion Ratio	Lower	Upper	
178	100		
179	21.8	12.8	19.2#
176	22.6	14.9	22.3#





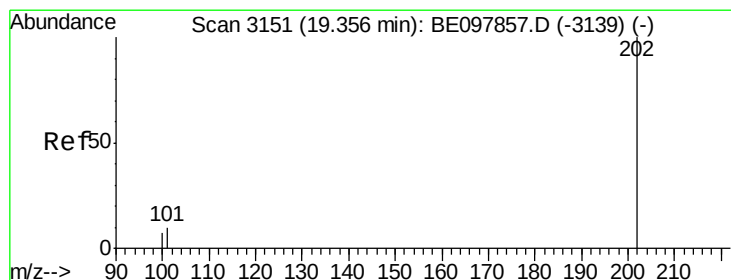
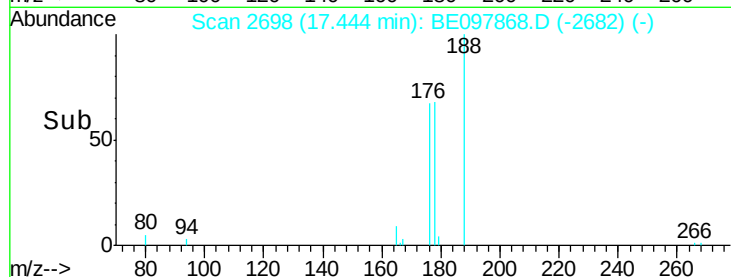
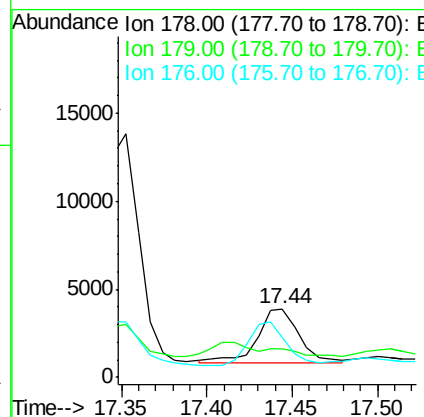
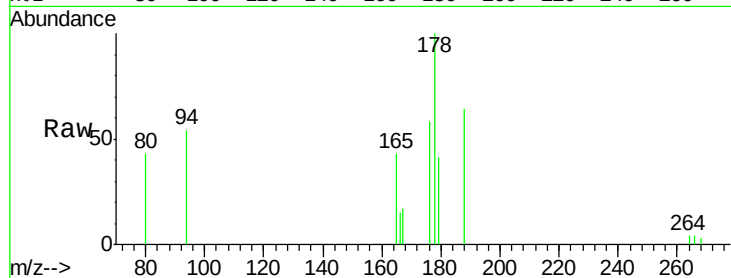
#13
 Anthracene
 Concen: 0.112 ng/ul m
 RT: 17.44 min Scan# 2698
 Delta R.T. 0.01 min
 Lab File: BE097868.D
 Acq: 11 Oct 2018 21:48

Instrument :
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 ClientSampleId :
 JLC37

Tgt Ion:178 Resp: 5266
 Ion Ratio Lower Upper
 178 100
 179 41.3 12.9 19.3#
 176 58.2 15.5 23.3#

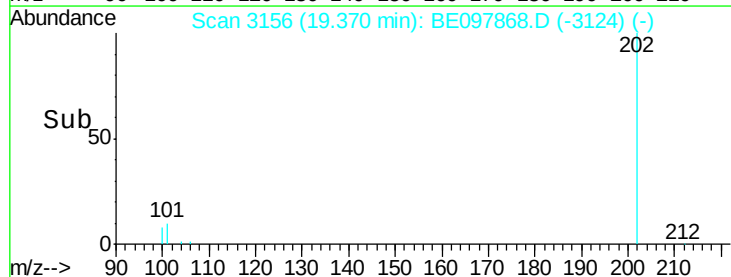
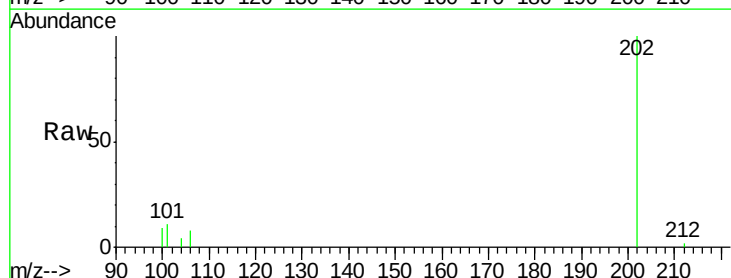
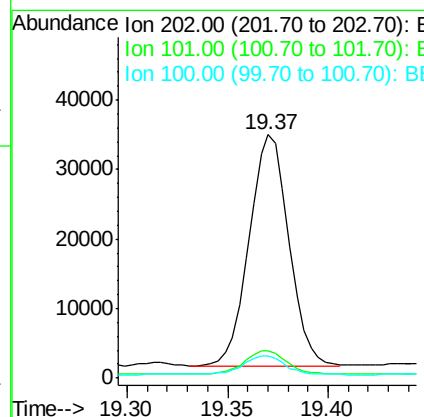
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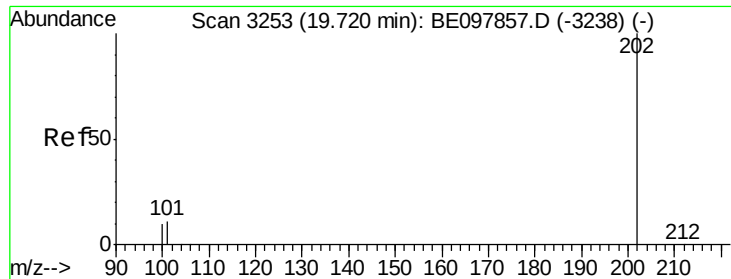
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#15
 Fluoranthene
 Concen: 0.703 ng/ul m
 RT: 19.37 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BE097868.D
 Acq: 11 Oct 2018 21:48

Tgt Ion:202 Resp: 45631
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 29.3
 100 9.0 0.0 27.5





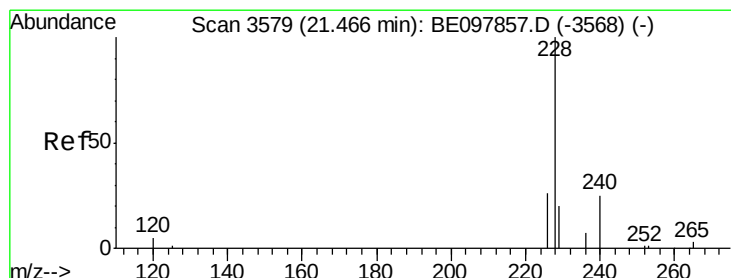
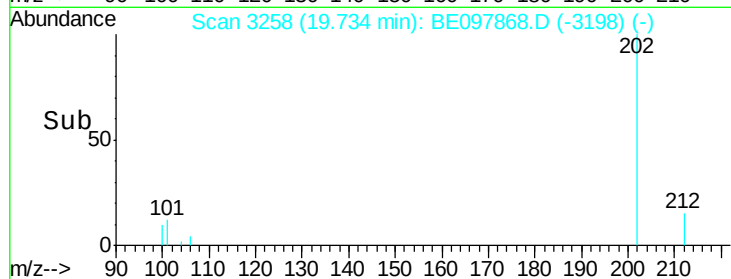
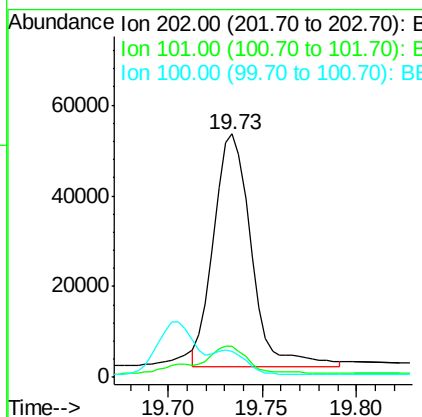
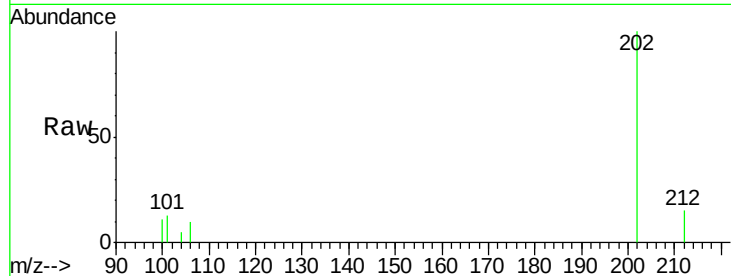
#17
Pyrene
 Concen: 1.202 ng/ul m
 RT: 19.73 min Scan# 3258
 Delta R.T. 0.01 min
 Lab File: BE097868.D
 Acq: 11 Oct 2018 21:48

Instrument :
 BNA_E
 ClientSampleId :
 JLC37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71870		
101	12.6		8.8	13.2
100	10.9		7.9	11.9

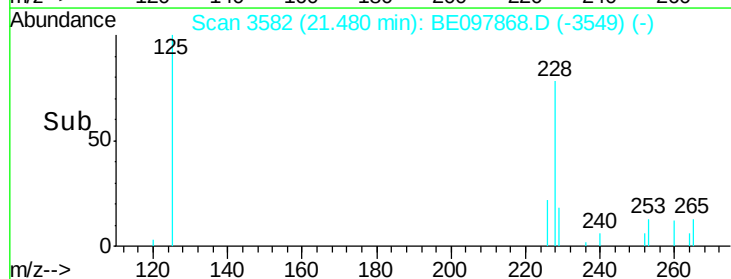
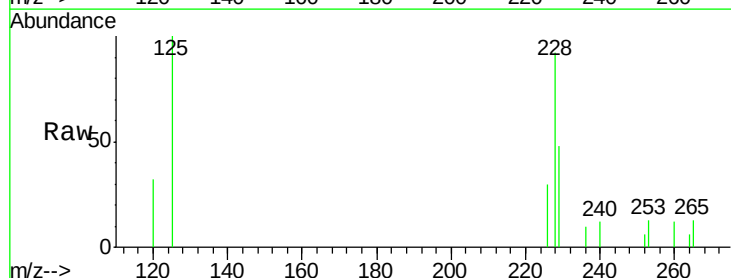
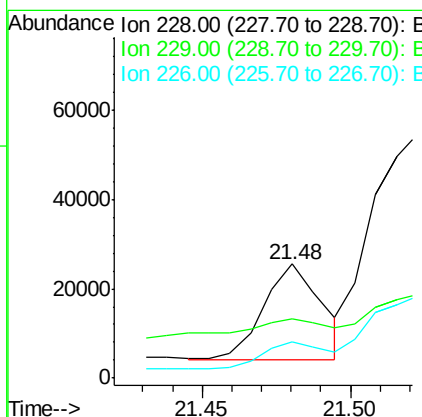
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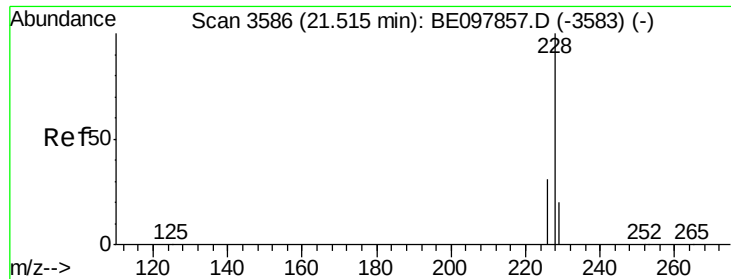
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#18
Benzo(a)anthracene
 Concen: 0.481 ng/ul m
 RT: 21.48 min Scan# 3582
 Delta R.T. 0.01 min
 Lab File: BE097868.D
 Acq: 11 Oct 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29199		
229	52.3		16.4	24.6#
226	32.2		21.5	32.3





#19

Chrysene

Concen: 3.119 ng/ul m

RT: 21.54 min Scan# 3590

Delta R.T. 0.02 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

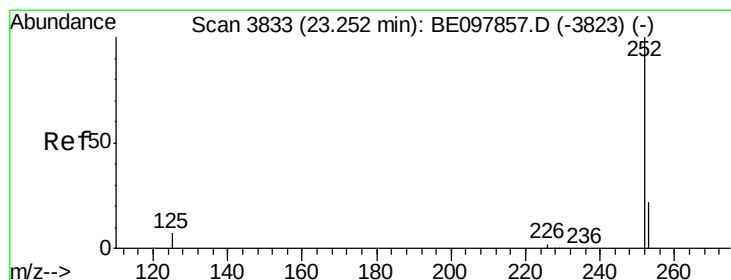
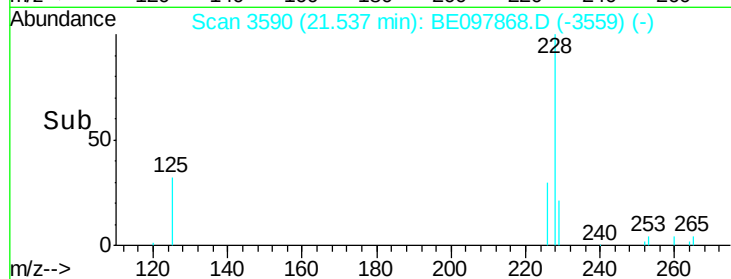
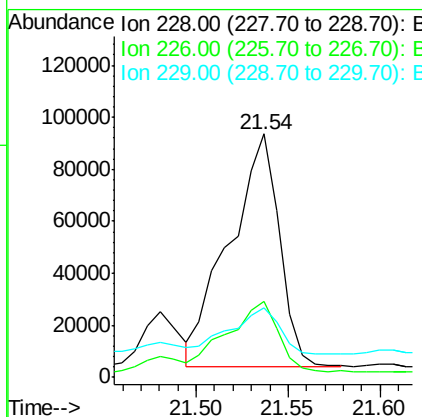
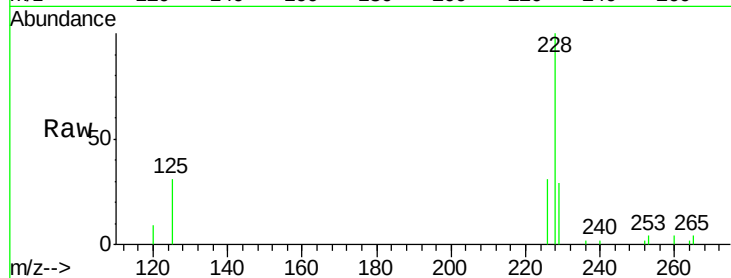
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Tgt Ion:	228	Resp:	169981
Ion Ratio		Lower	Upper
228	100		
226	31.3	23.0	34.4
229	28.5	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 3.216 ng/ul m

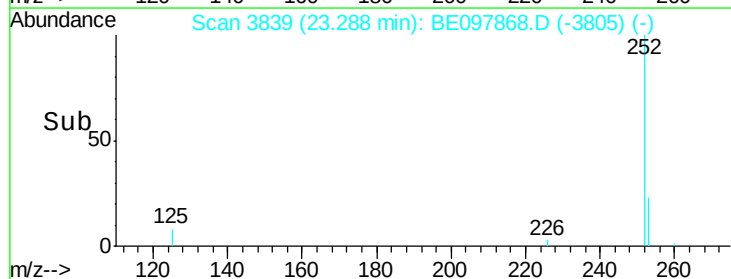
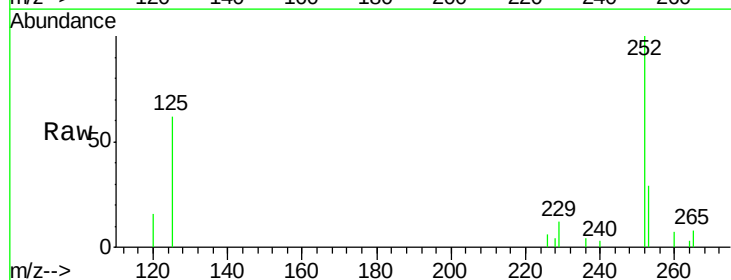
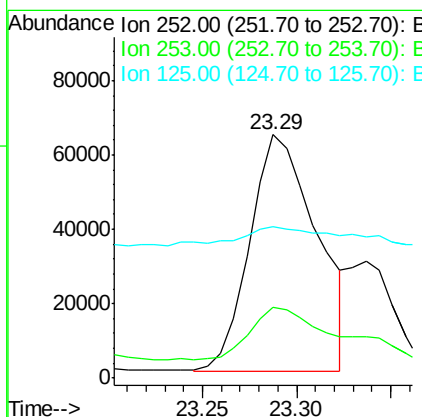
RT: 23.29 min Scan# 3839

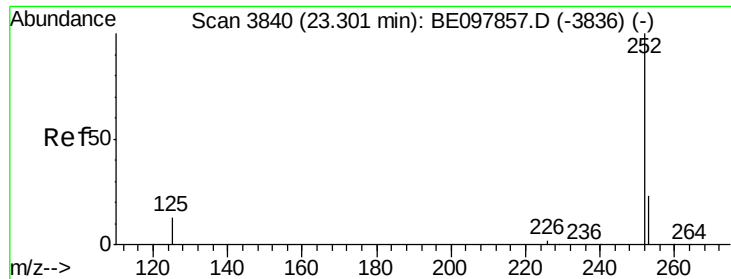
Delta R.T. 0.04 min

Lab File: BE097868.D

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Tgt Ion:	252	Resp:	158356
Ion Ratio		Lower	Upper
252	100		
253	29.1	0.0	47.0
125	62.3	0.0	18.2#





#22

Benzo(k)fluoranthene

Concen: 1.001 ng/ul m

RT: 23.34 min Scan# 3846

Delta R.T. 0.04 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

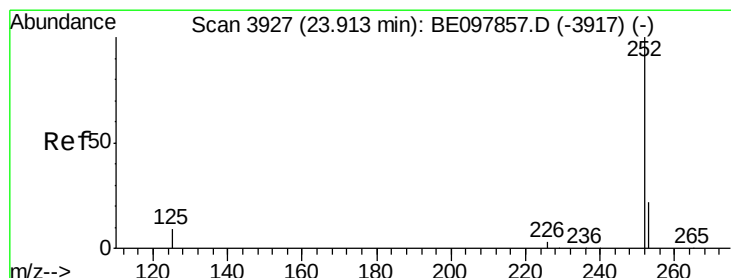
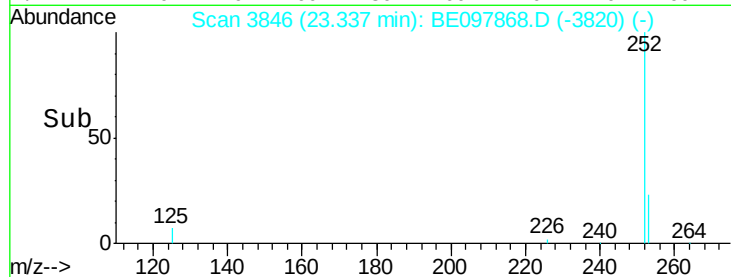
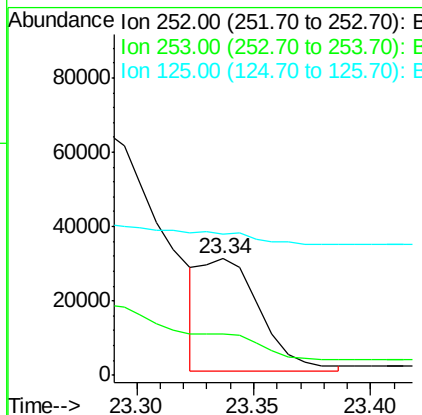
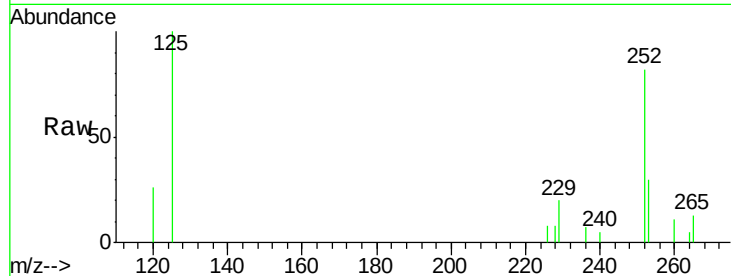
ClientSampleId :

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Tgt Ion:	252	Resp:	52749
Ion Ratio	Lower	Upper	
252	100		
253	36.0	17.8	26.6#
125	121.3	9.4	14.0#

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#23

Benzo(a)pyrene

Concen: 0.994 ng/ul m

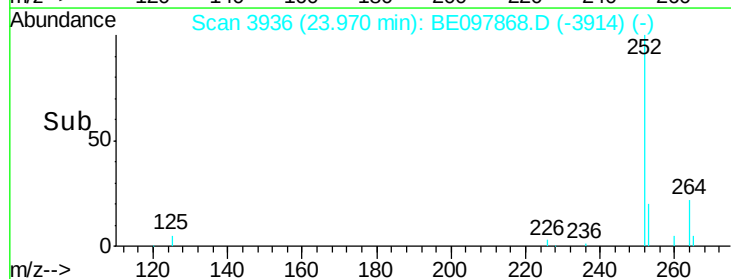
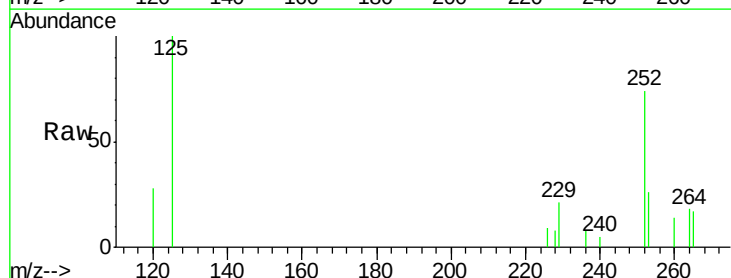
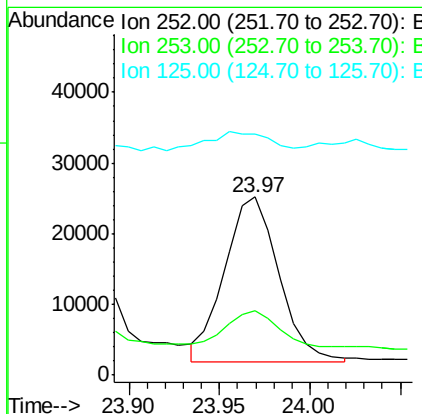
RT: 23.97 min Scan# 3936

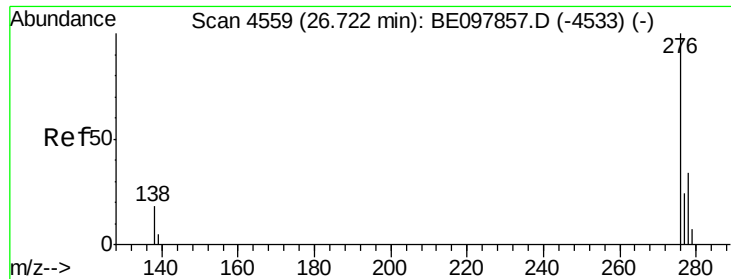
Delta R.T. 0.06 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Tgt Ion:	252	Resp:	48050
Ion Ratio	Lower	Upper	
252	100		
253	35.8	18.2	27.4#
125	135.4	8.3	12.5#





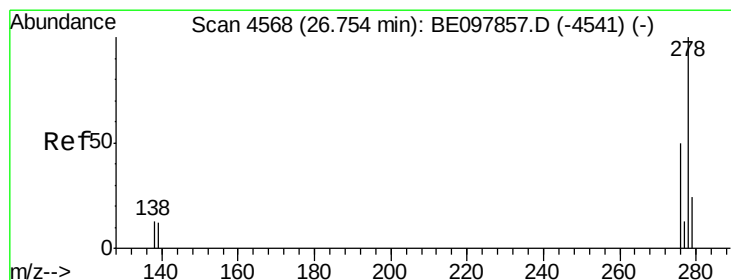
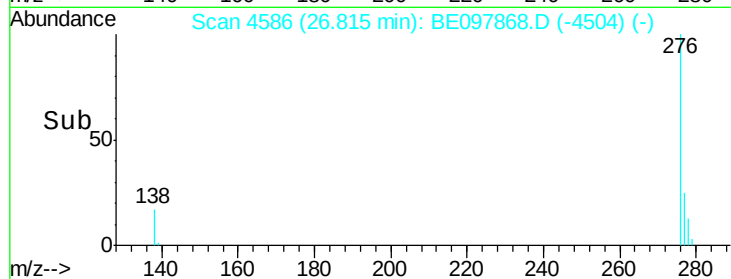
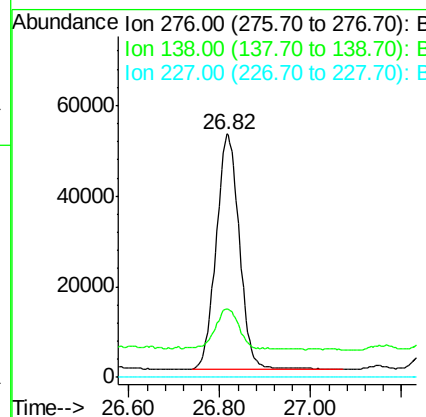
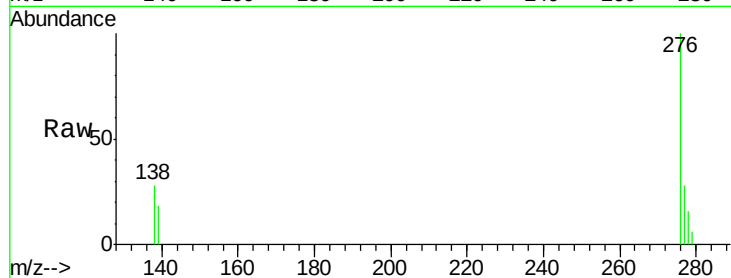
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.370 ng/ul
 RT: 26.82 min Scan# 4586
 Delta R.T. 0.09 min
 Lab File: BE097868.D
 Acq: 11 Oct 2018 21:48

Instrument :
 BNA_E
 ClientSampleId :
 JLC37

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.3	0.0	0.0#
227	0.0	0.0	0.0

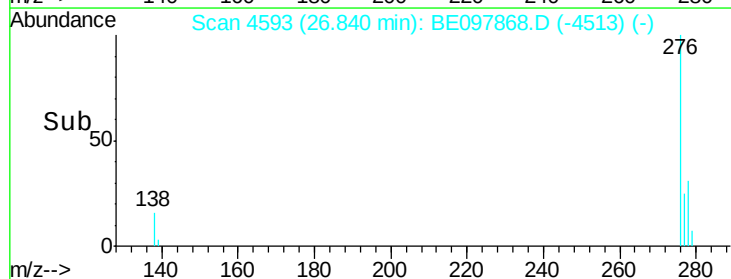
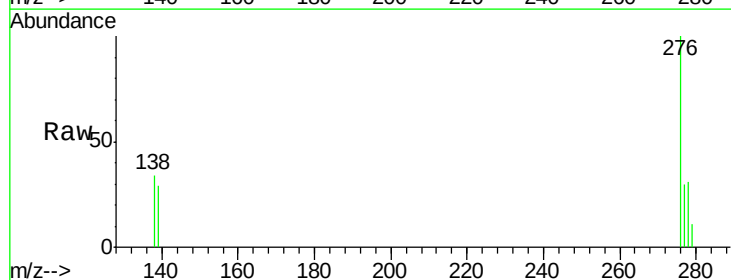
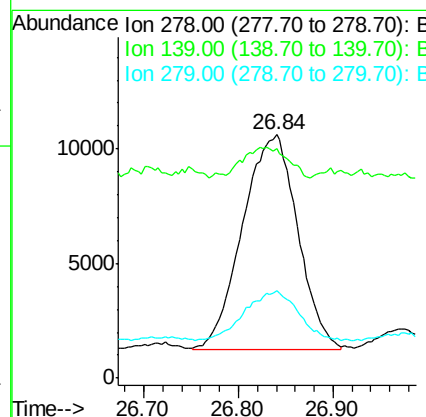
Manual Integrations
 APPROVED

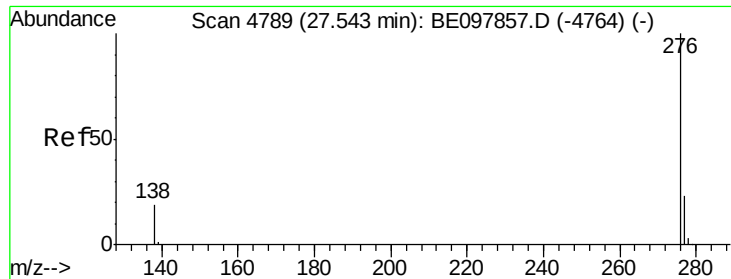
Sohil
 10/12/2018 6:34:58 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.832 ng/ul m
 RT: 26.84 min Scan# 4593
 Delta R.T. 0.09 min
 Lab File: BE097868.D
 Acq: 11 Oct 2018 21:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	94.1	10.9	16.3#
279	36.0	18.8	28.2#





#26
 Benzo(g,h,i)perylene
 Concen: 5.589 ng/ul
 RT: 27.66 min Scan# 4823
 Delta R.T. 0.12 min
 Lab File: BE097868.D
 Acq: 11 Oct 2018 21:48

Instrument :
 BNA_E
 ClientSampleId :
 JLC37

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		267295		
138	24.6	14.3	21.5#		
277	26.0	19.5	29.3		

Manual Integrations
 APPROVED

Sohil
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