

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097890.D
 Acq On : 12 Oct 2018 21:55
 Operator : SJ/JU
 Sample : J5183-03DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18DL

Manual Integrations
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Quant Time: Oct 13 03:50:55 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	1922	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10030	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	6481	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	15022m	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	15923m	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	15559m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	2005	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	5975m	0.12	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.35	178	1662m	0.047	ng/ul	96
15) Fluoranthene	19.37	202	7280m	0.159	ng/ul	
17) Pyrene	19.74	202	9921	0.209	ng/ul	
18) Benzo(a)anthracene	21.48	228	7758m	0.161	ng/ul	
19) Chrysene	21.54	228	44222m	1.022	ng/ul	
21) Benzo(b)fluoranthene	23.28	252	36381m	0.875	ng/ul	
22) Benzo(k)fluoranthene	23.33	252	9665m	0.217	ng/ul	
23) Benzo(a)pyrene	23.95	252	4831m	0.118	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.78	276	10604m	0.229	ng/ul	
25) Dibenzo(a,h)anthracene	26.80	278	3260m	0.085	ng/ul	
26) Benzo(g,h,i)perylene	27.62	276	11589m	0.287	ng/ul	

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

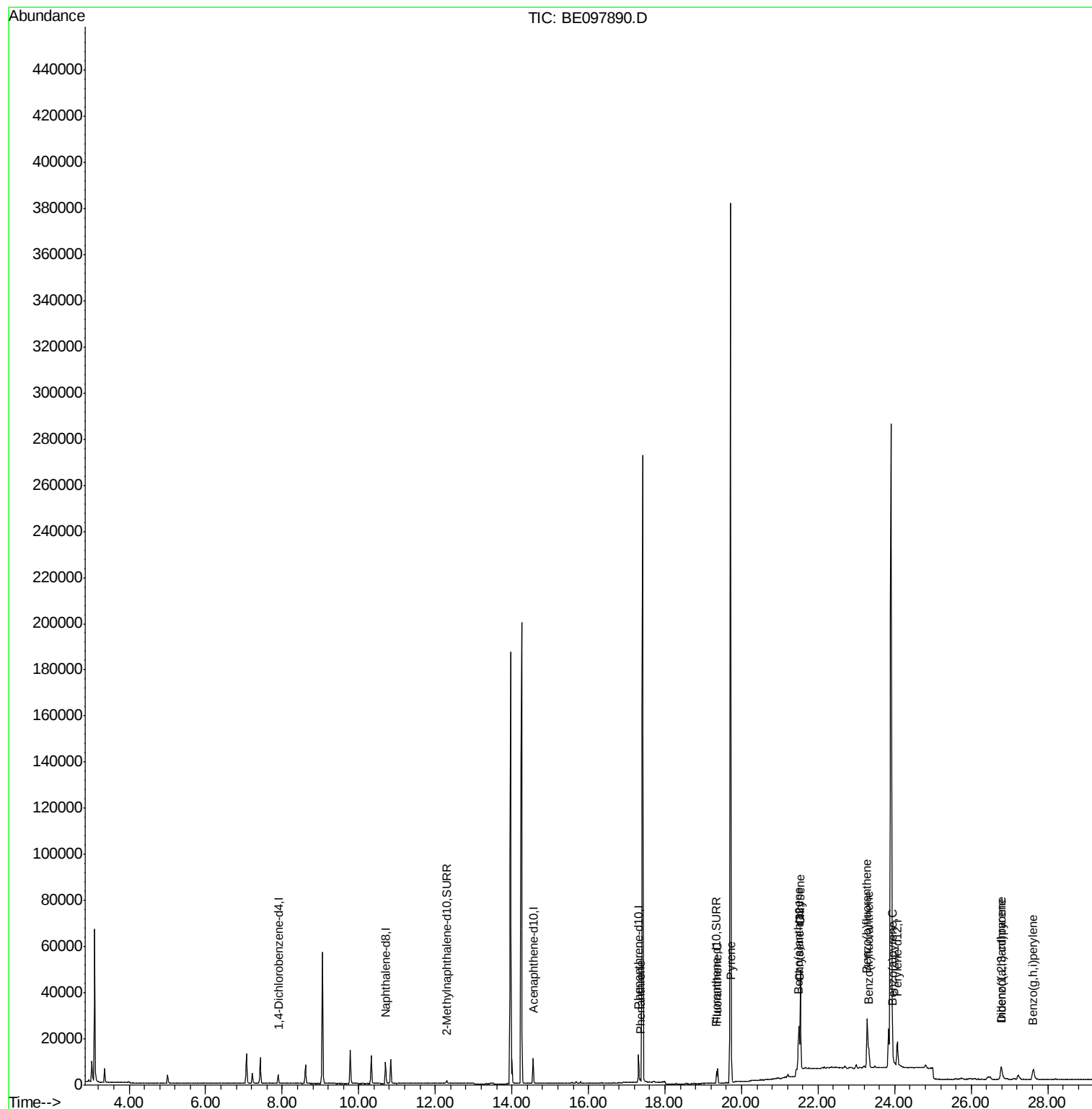
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
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ALS Vial : 12 Sample Multiplier: 1

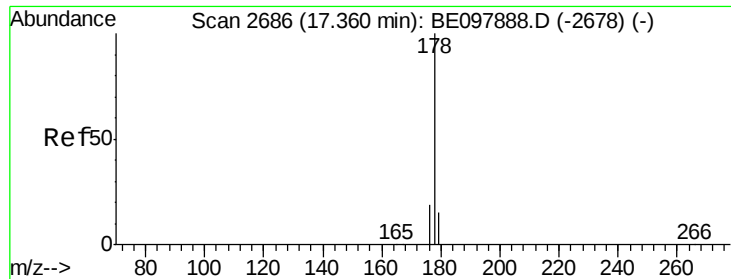
Instrument :
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Quant Time: Oct 13 03:50:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 02:57:21 2018
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.047 ng/ul m

RT: 17.35 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BE097890.D

Acq: 12 Oct 2018 21:55

Instrument :

BNA_E

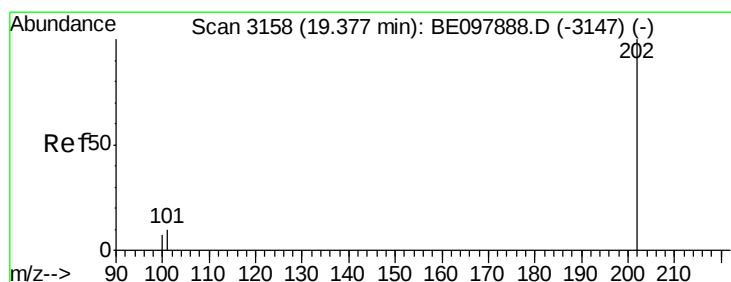
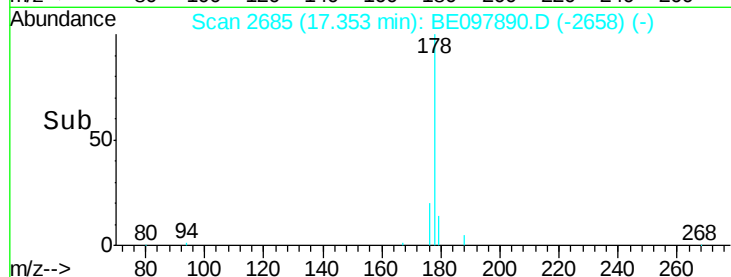
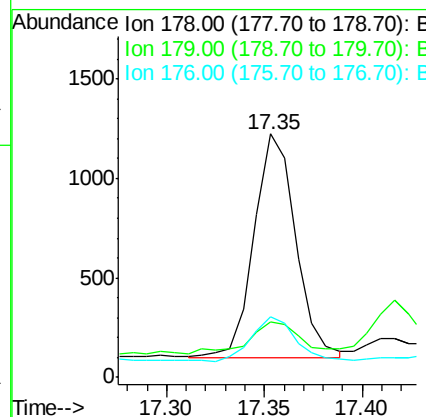
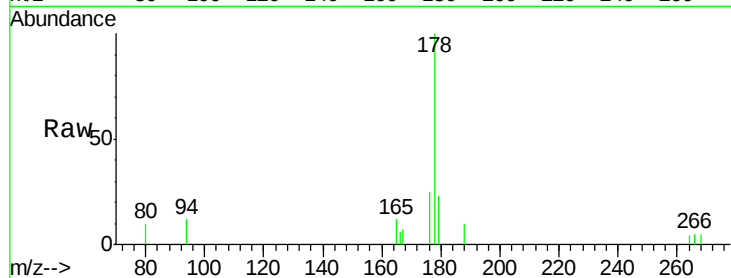
ClientSampleId :

JLC18DL

Tgt Ion:	178	Resp:	1662
Ion Ratio	Lower	Upper	
178	100		
179	22.6	12.8	19.2#
176	25.0	14.9	22.3#

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#15

Fluoranthene

Concen: 0.159 ng/ul m

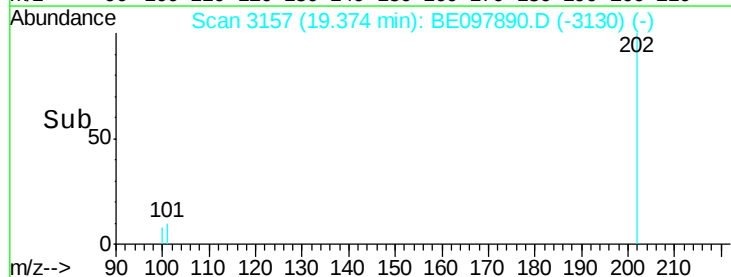
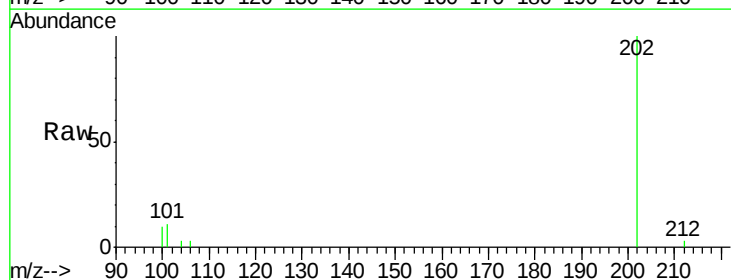
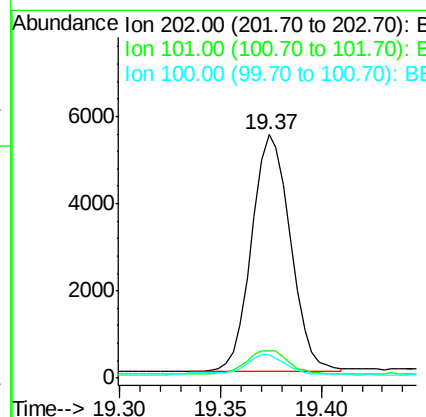
RT: 19.37 min Scan# 3157

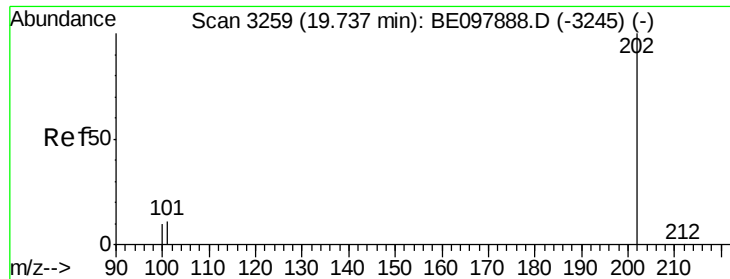
Delta R.T. -0.00 min

Lab File: BE097890.D

Acq: 12 Oct 2018 21:55

Tgt Ion:	202	Resp:	7280
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	29.3
100	9.6	0.0	27.5





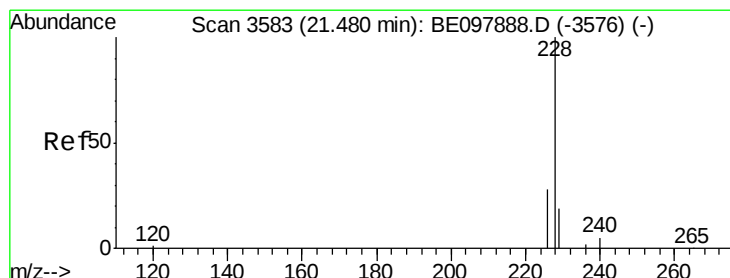
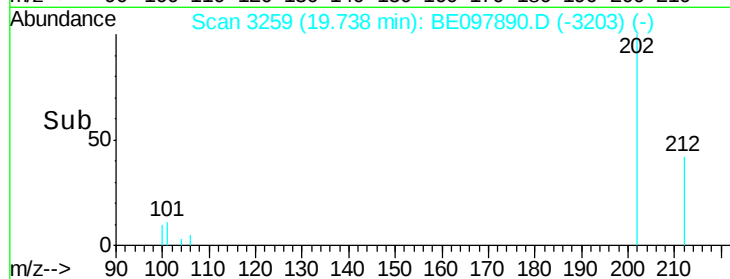
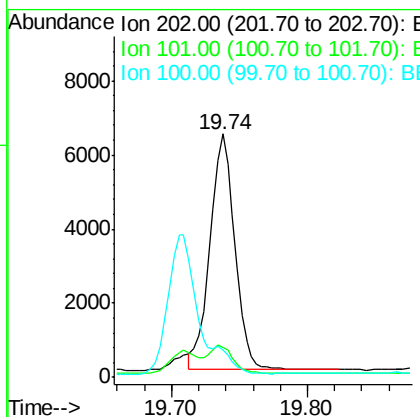
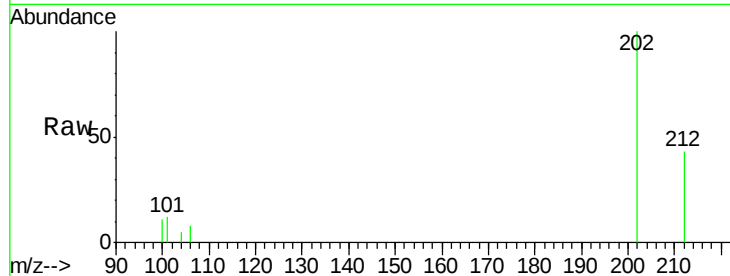
#17
 Pyrene
 Concen: 0.209 ng/ul
 RT: 19.74 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: BE097890.D
 Acq: 12 Oct 2018 21:55

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 JLC18DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	9921		
101	12.5	8.8	13.2	
100	11.3	7.9	11.9	

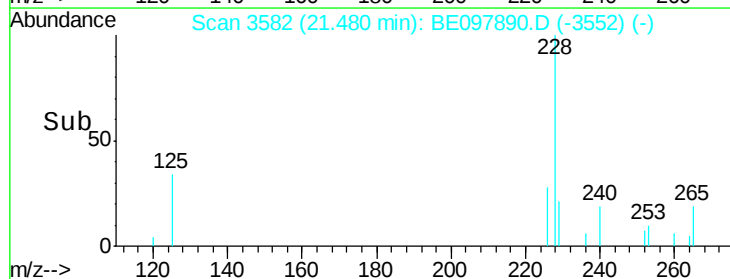
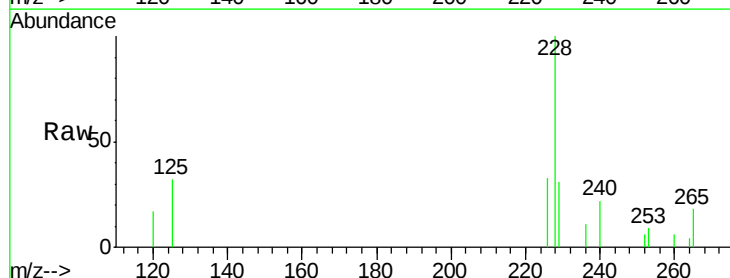
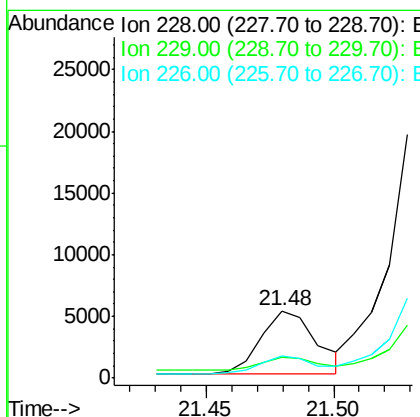
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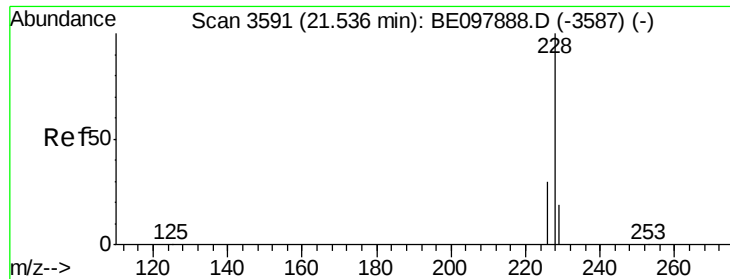
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#18
 Benzo(a)anthracene
 Concen: 0.161 ng/ul m
 RT: 21.48 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: BE097890.D
 Acq: 12 Oct 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	7758		
229	30.7	16.4	24.6#	
226	32.6	21.5	32.3#	





#19

Chrysene

Concen: 1.022 ng/ul m

RT: 21.54 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BE097890.D

Acq: 12 Oct 2018 21:55

Instrument :

BNA_E

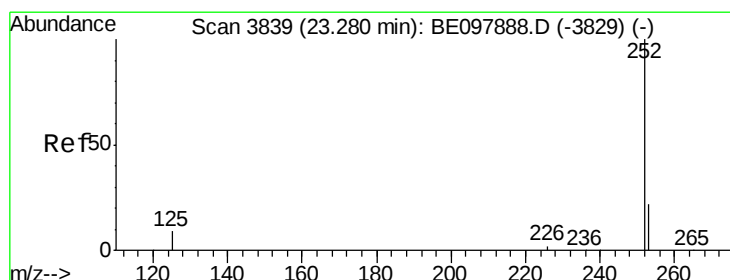
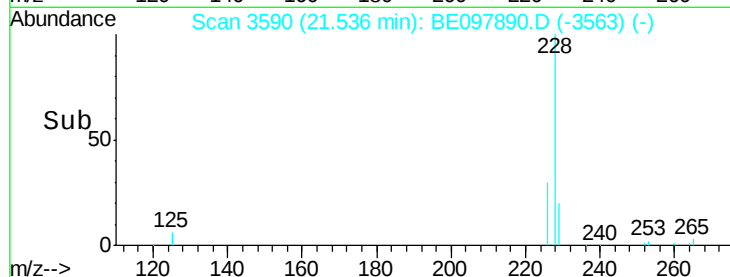
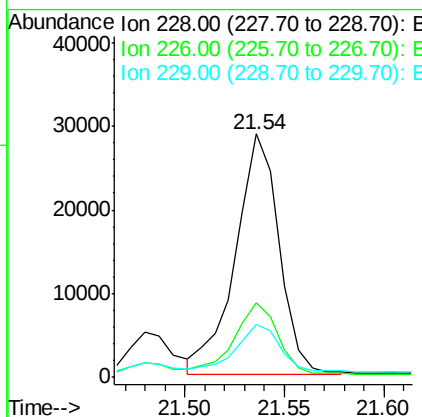
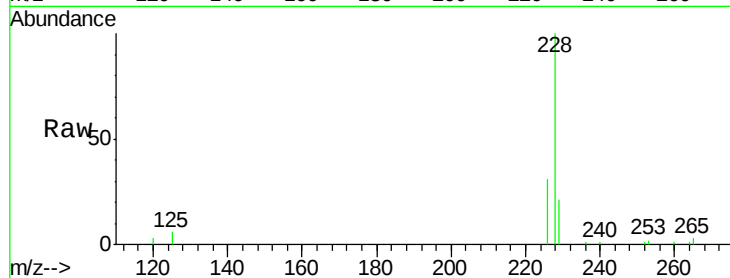
ClientSampleId :

JLC18DL

Tgt Ion:	228	Resp:	44222
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.0	34.4
229	21.5	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.875 ng/ul m

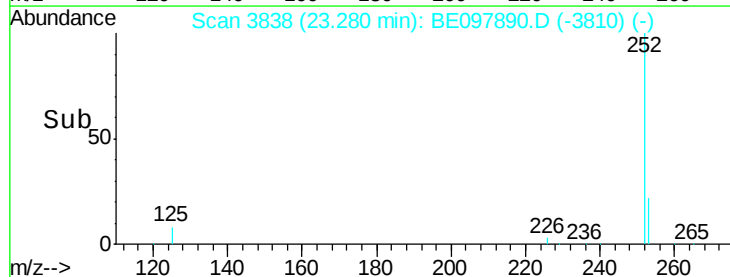
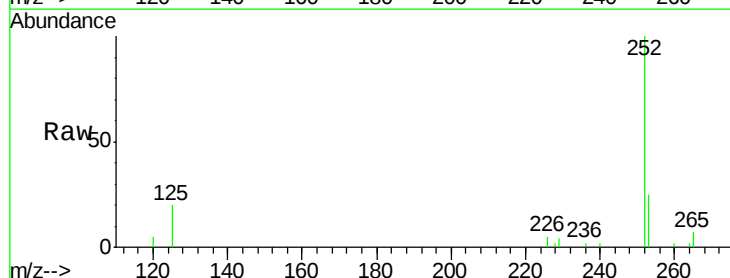
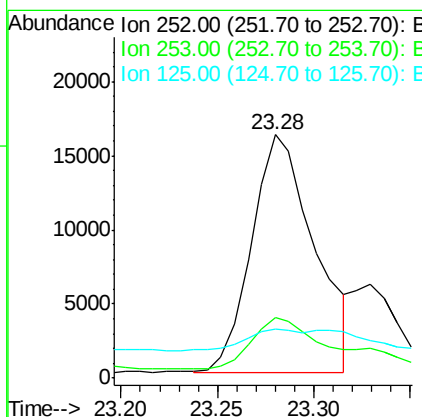
RT: 23.28 min Scan# 3838

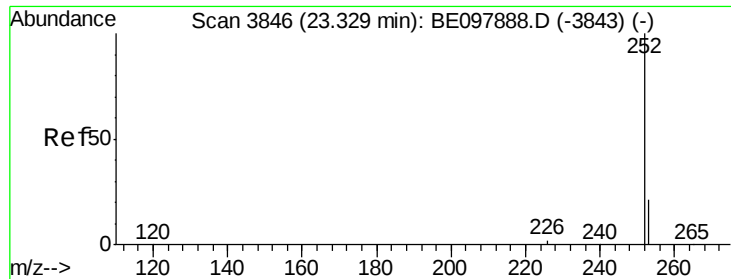
Delta R.T. 0.00 min

Lab File: BE097890.D

Acq: 12 Oct 2018 21:55

Tgt Ion:	252	Resp:	36381
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	47.0
125	20.1	0.0	18.2#





#22

Benzo(k)fluoranthene

Concen: 0.217 ng/ul m

RT: 23.33 min Scan# 3845

Delta R.T. 0.00 min

Lab File: BE097890.D

Acq: 12 Oct 2018 21:55

Instrument :

BNA_E

ClientSampleId :

JLC18DL

Tgt Ion:252 Resp: 9665
Ion Ratio Lower Upper

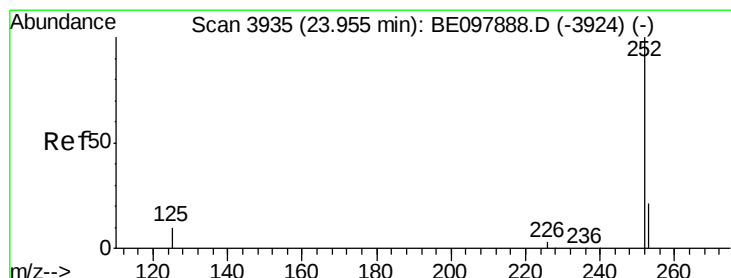
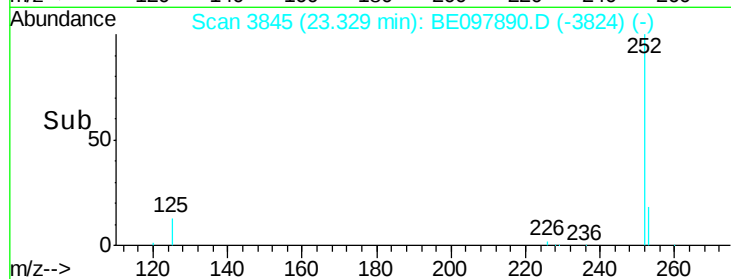
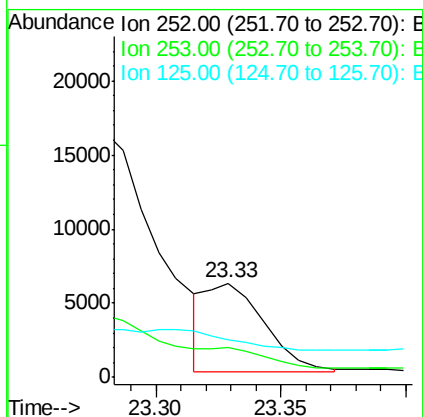
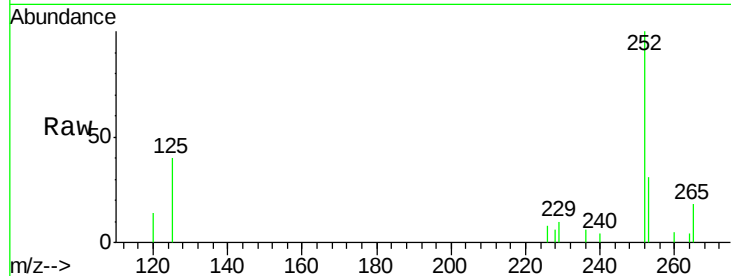
252 100

253 31.4 17.8 26.6#

125 40.3 9.4 14.0#

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#23

Benzo(a)pyrene

Concen: 0.118 ng/ul m

RT: 23.95 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BE097890.D

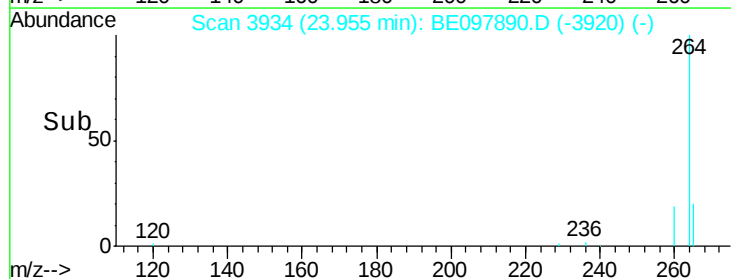
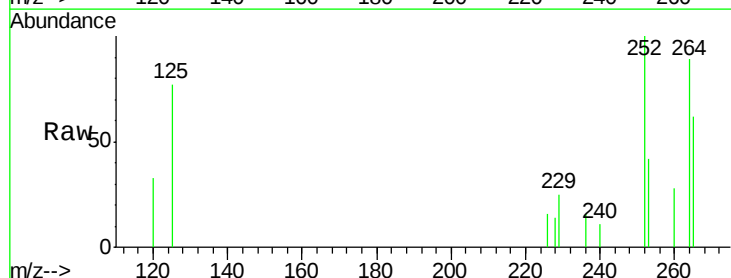
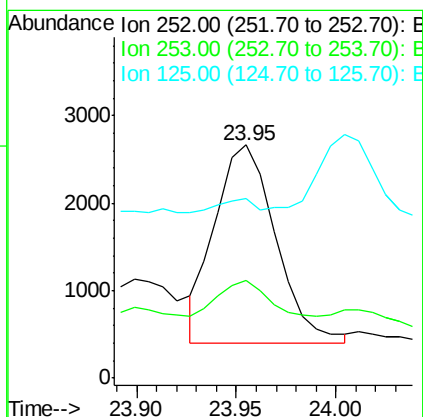
Acq: 12 Oct 2018 21:55

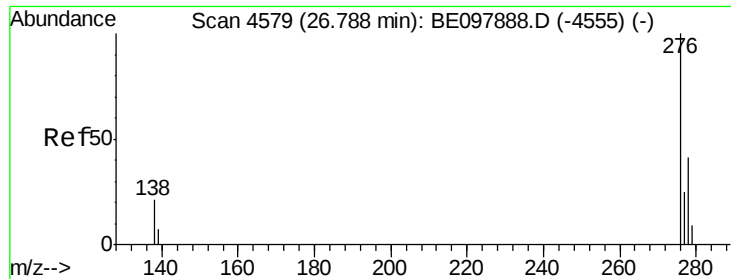
Tgt Ion:252 Resp: 4831
Ion Ratio Lower Upper

252 100

253 42.1 18.2 27.4#

125 76.9 8.3 12.5#





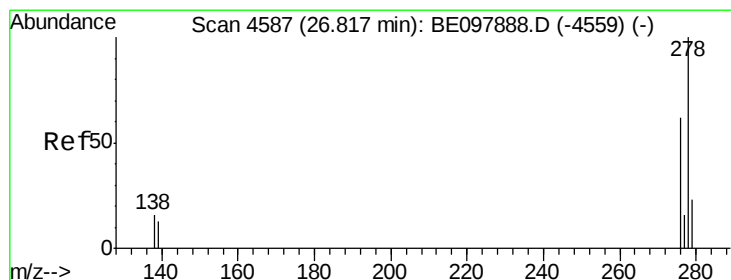
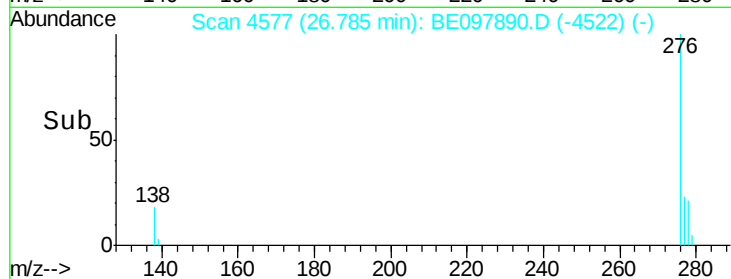
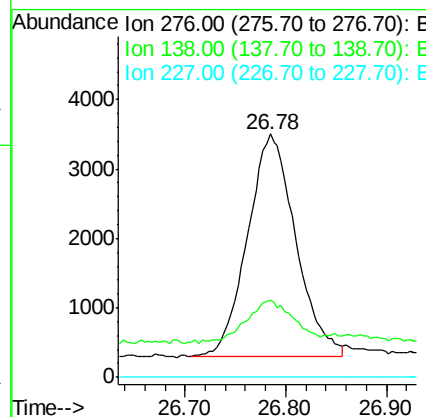
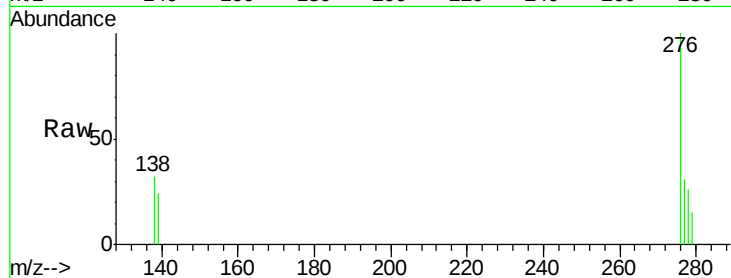
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.229 ng/ul m
 RT: 26.78 min Scan# 4577
 Delta R.T. -0.00 min
 Lab File: BE097890.D
 Acq: 12 Oct 2018 21:55

Instrument :
 BNA_E
 ClientSampleId :
 JLC18DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	10604		
138	0.5	0.0	0.0	0.0#
227	0.0	0.0	0.0	0.0

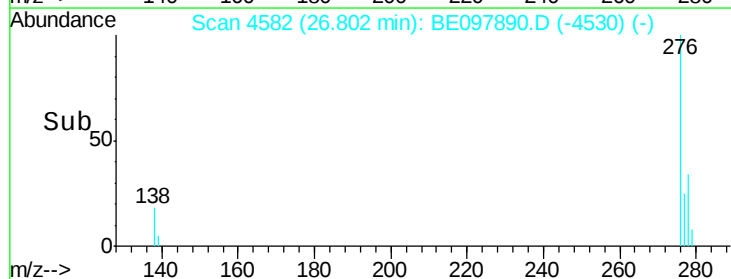
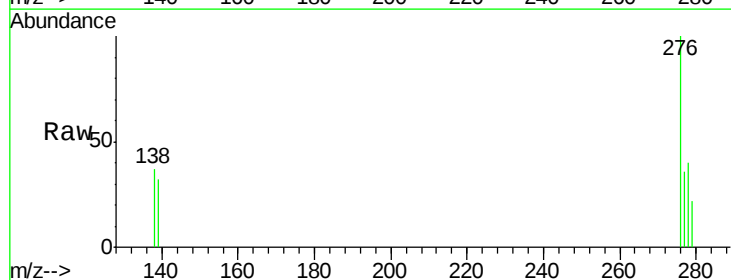
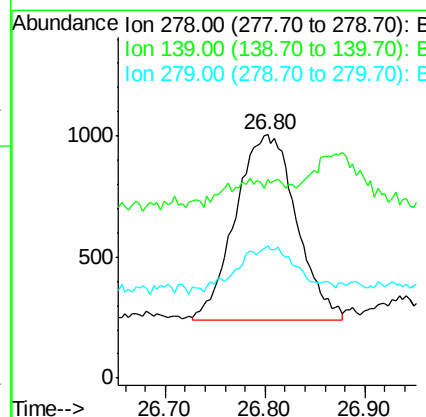
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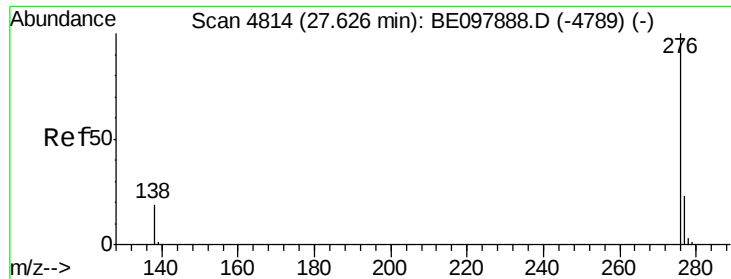
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng/ul m
 RT: 26.80 min Scan# 4582
 Delta R.T. -0.01 min
 Lab File: BE097890.D
 Acq: 12 Oct 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3260		
139	81.4	10.9	16.3#	
279	54.3	18.8	28.2#	





#26

Benzo(g,h,i)perylene

Concen: 0.287 ng/ul m

RT: 27.62 min Scan# 4812

Delta R.T. -0.00 min

Lab File: BE097890.D

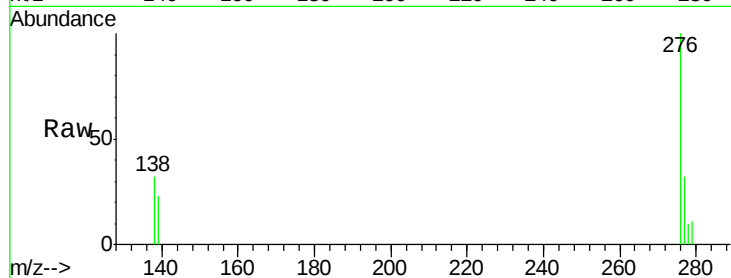
Acq: 12 Oct 2018 21:55

Instrument :

BNA_E

ClientSampleId :

JLC18DL



Tgt Ion: 276 Resp: 11589

Ion Ratio Lower Upper

276 100

138 31.5 14.3 21.5#

277 31.8 19.5 29.3#

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