

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097836.D
 Acq On : 10 Oct 2018 20:14
 Operator : SJ/JU
 Sample : J5184-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC23

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:37 PM

Quant Time: Oct 11 01:43:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4830	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	23870	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	16569	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	39553m	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	35995m	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	32420m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	11490	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	32398m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1797	0.031	ng/ul#	83
5) 2-Methylnaphthalene	12.36	142	1340	0.035	ng/ul	99
7) Acenaphthylene	14.26	152	7028	0.120	ng/ul#	77
9) Fluorene	15.59	166	2661	0.045	ng/ul#	73
12) Phenanthrene	17.34	178	60320m	0.638	ng/ul	
13) Anthracene	17.43	178	15569m	0.194	ng/ul	
15) Fluoranthene	19.36	202	160736m	1.290	ng/ul	
17) Pyrene	19.72	202	157152m	1.777	ng/ul	
18) Benzo(a)anthracene	21.47	228	97660m	0.978	ng/ul	
19) Chrysene	21.53	228	342005	3.548	ng/ul#	86
21) Benzo(b)fluoranthene	23.28	252	212723m	2.539	ng/ul	
22) Benzo(k)fluoranthene	23.32	252	55710m	0.587	ng/ul	
23) Benzo(a)pyrene	23.96	252	108636	1.417	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.78	276	96155	1.105	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.80	278	25619m	0.352	ng/ul	
26) Benzo(a,h,i)perylene	27.62	276	122329	1.489	ng/ul#	63

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

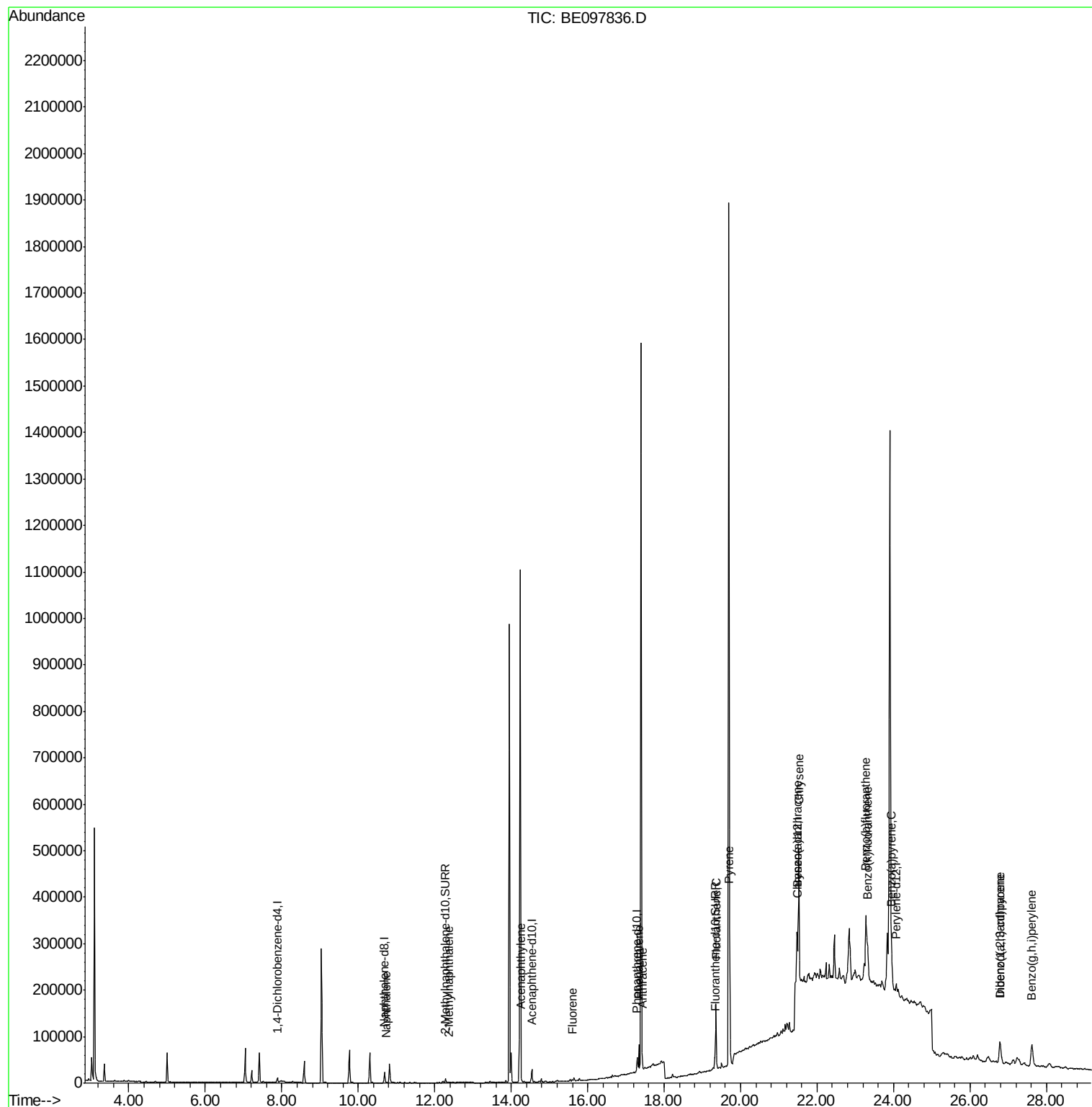
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
Data File : BE097836.D
Acq On : 10 Oct 2018 20:14
Operator : SJ/JU
Sample : J5184-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

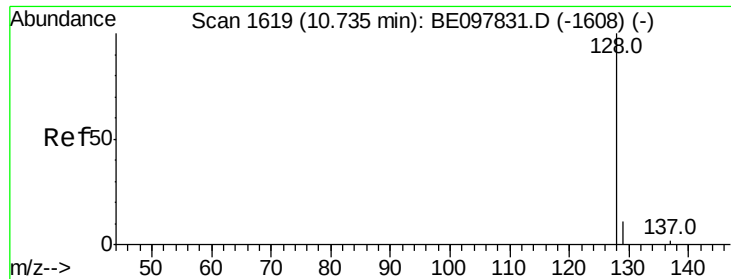
Instrument :
BNA_E
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
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QLast Update : Thu Oct 11 01:20:33 2018
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#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE097836.D

Acq: 10 Oct 2018 20:14

Instrument :

BNA_E

ClientSampled :

JLC23

Tot Ion:128 Resp: 1797

Ion Ratio Lower Upper

128 100

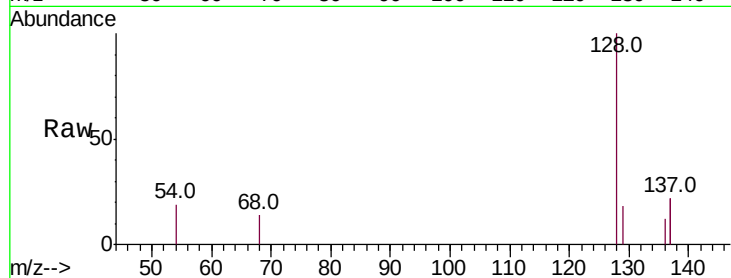
129 17.8 9.1 13.7#

127 0.0 0.0 0.0

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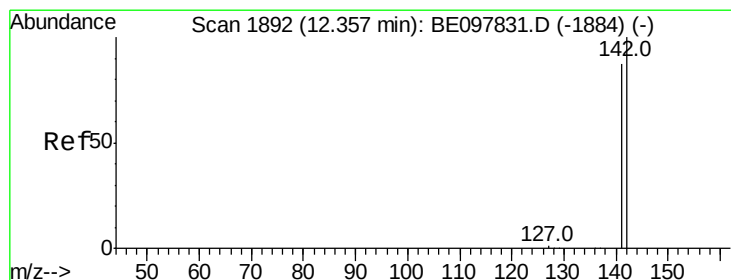
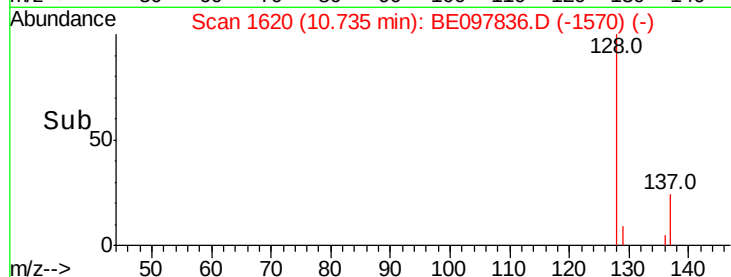
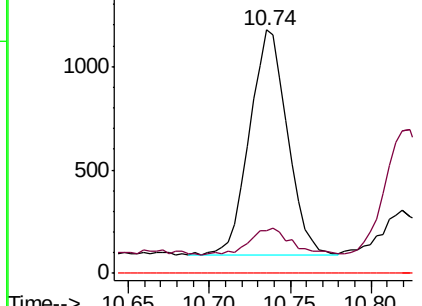
10/11/2018 5:33:37 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

RT: 12.36 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BE097836.D

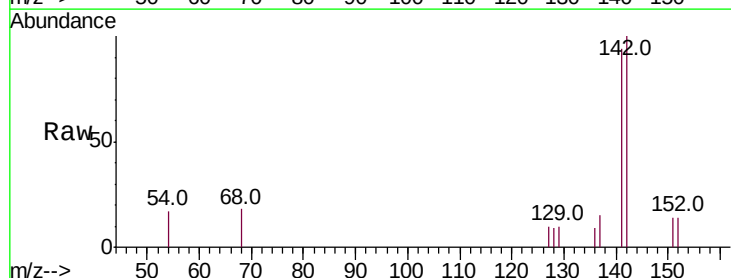
Acq: 10 Oct 2018 20:14

Tgt Ion:142 Resp: 1340

Ion Ratio Lower Upper

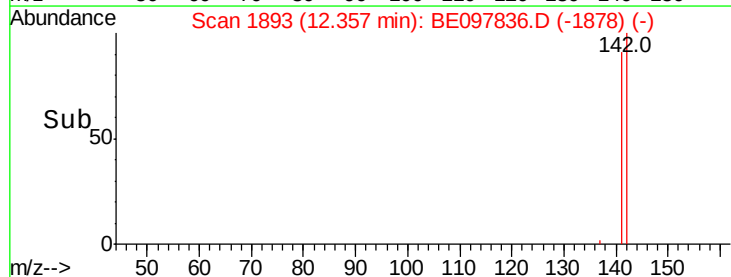
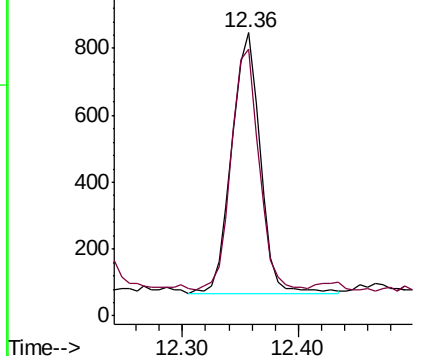
142 100

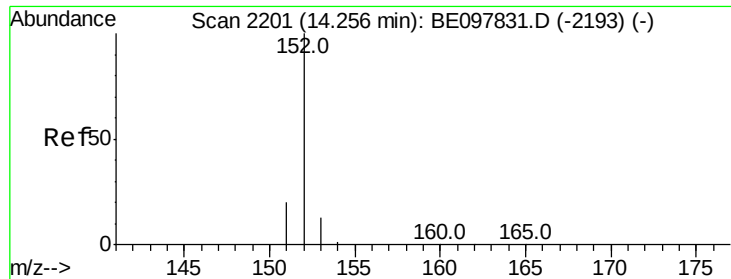
141 88.2 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 14.26 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BE097836.D

Acq: 10 Oct 2018 20:14

Instrument :

BNA_E

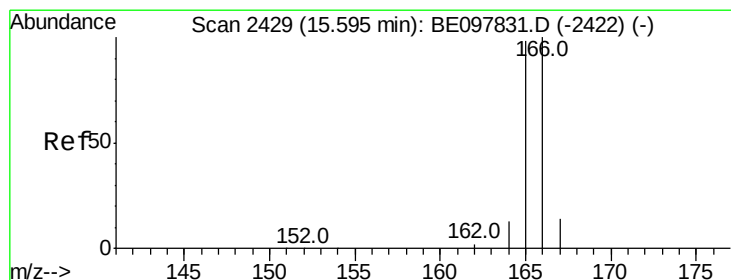
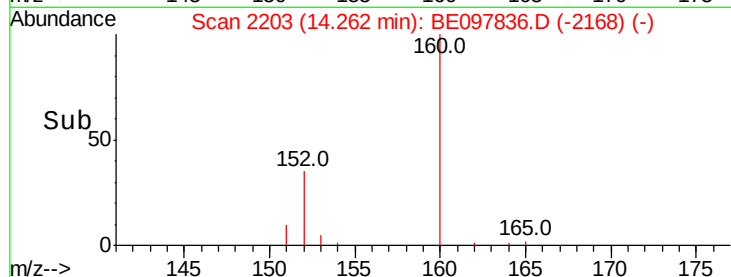
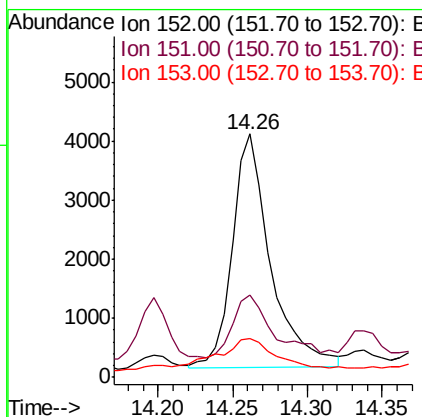
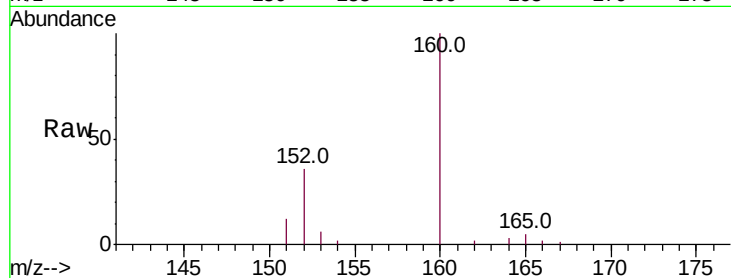
ClientSampled :

JLC23

Tot Ion:	152	Resp:	7028
Ion Ratio	Lower	Upper	
152	100		
151	33.8	15.0	22.6#
153	16.0	10.5	15.7#

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#9

Fluorene

Concen: 0.045 ng/ul

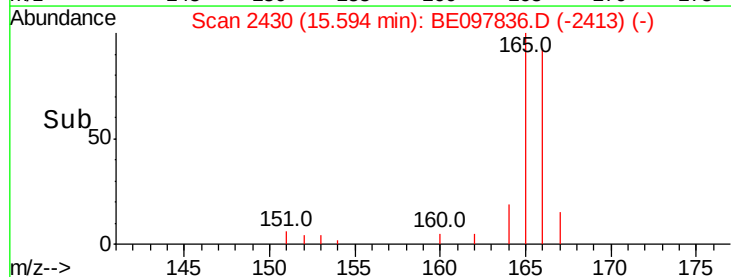
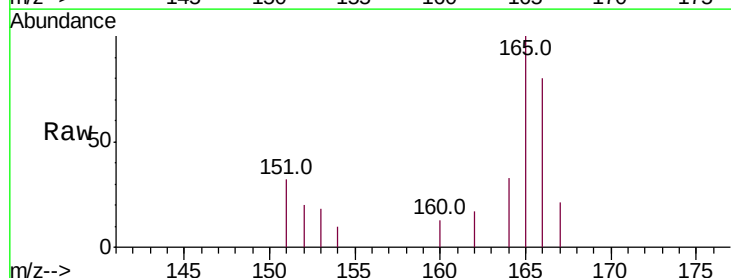
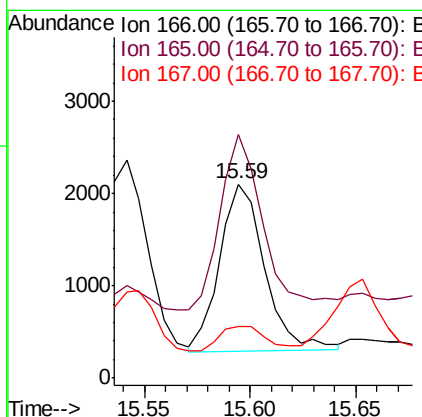
RT: 15.59 min Scan# 2430

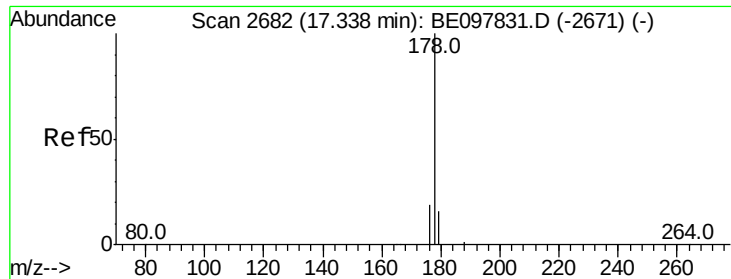
Delta R.T. -0.00 min

Lab File: BE097836.D

Acq: 10 Oct 2018 20:14

Tgt Ion:	166	Resp:	2661
Ion Ratio	Lower	Upper	
166	100		
165	125.6	79.2	118.8#
167	26.6	11.3	16.9#





#12

Phenanthrene

Concen: 0.638 ng/ul m

RT: 17.34 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BE097836.D

Acq: 10 Oct 2018 20:14

Instrument :

BNA_E

ClientSampleId :

JLC23

Tot Ion:178 Resp: 60320

Ion Ratio Lower Upper

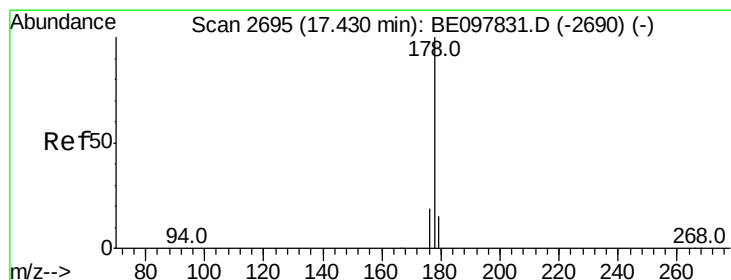
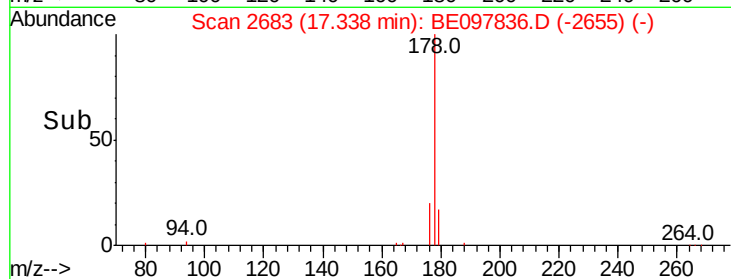
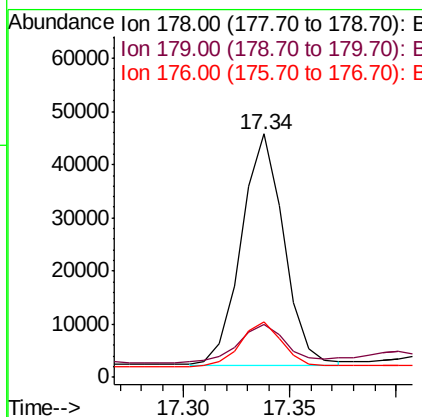
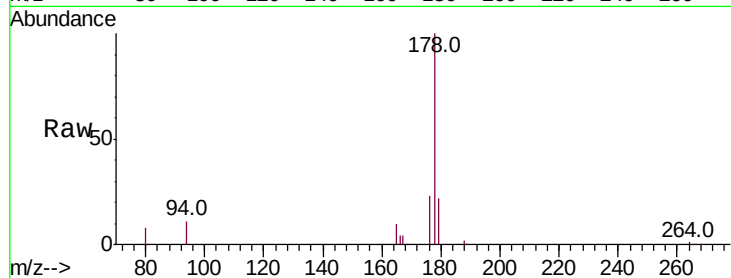
178 100

179 21.8 12.8 19.2#

176 22.6 14.9 22.3#

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#13

Anthracene

Concen: 0.194 ng/ul m

RT: 17.43 min Scan# 2696

Delta R.T. -0.00 min

Lab File: BE097836.D

Acq: 10 Oct 2018 20:14

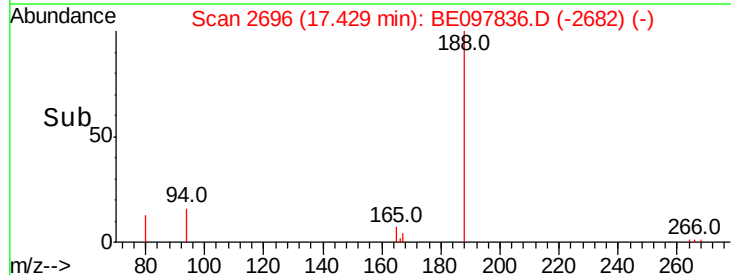
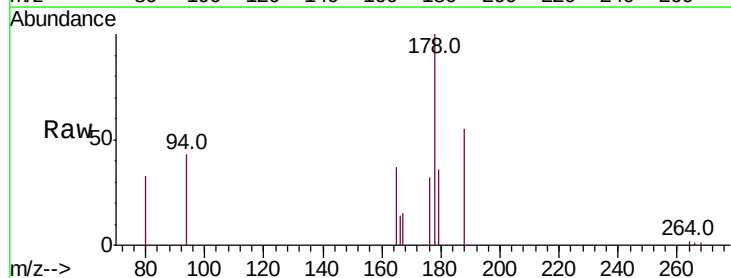
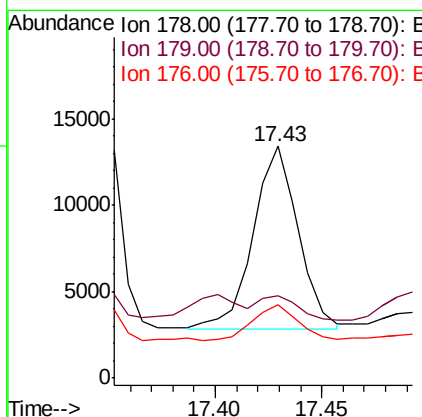
Tgt Ion:178 Resp: 15569

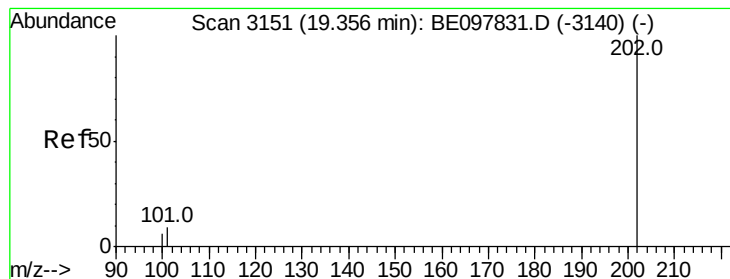
Ion Ratio Lower Upper

178 100

179 35.5 12.9 19.3#

176 31.8 15.5 23.3#





#15

Fluoranthene

Concen: 1.290 ng/ul m

RT: 19.36 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE097836.D

Acq: 10 Oct 2018 20:14

Instrument :

BNA_E

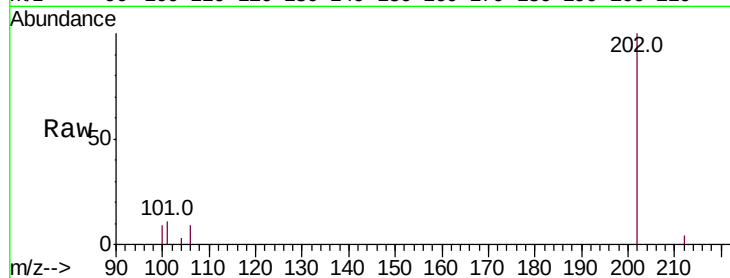
ClientSampleId :

JLC23

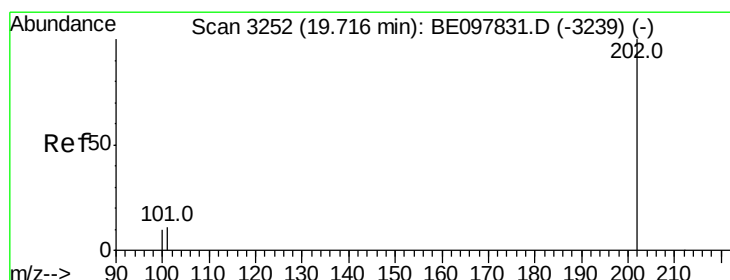
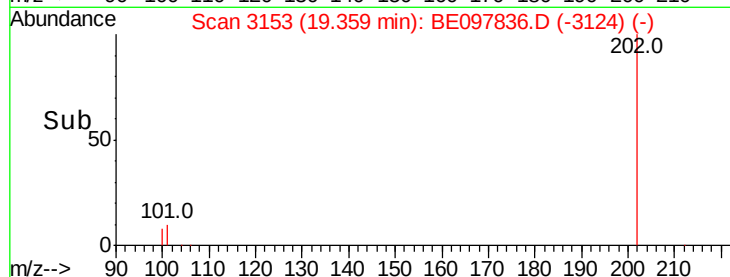
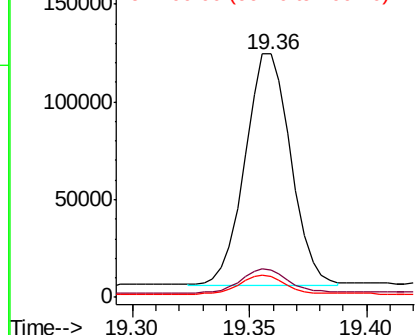
Tot Ion	Ratio	Resp	Lower	Upper
202	100	160736		
101	11.1	0.0	29.3	
100	8.5	0.0	27.5	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 1.777 ng/ul m

RT: 19.72 min Scan# 3254

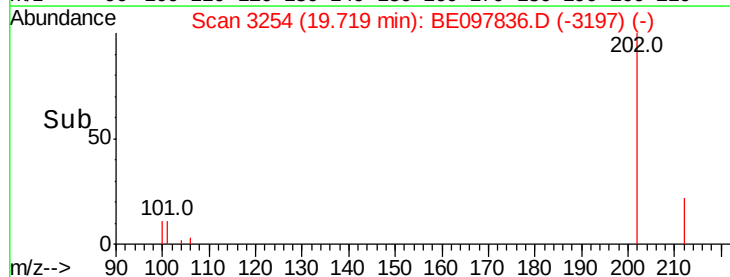
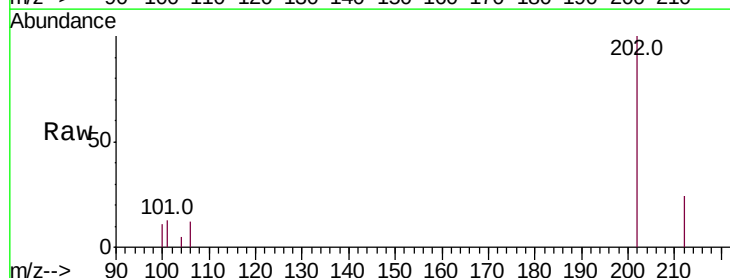
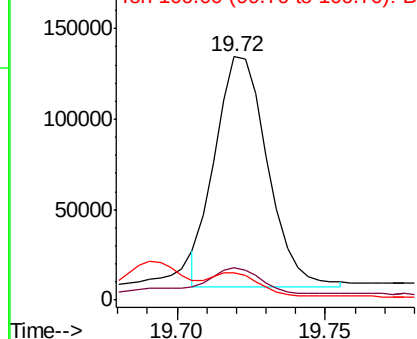
Delta R.T. 0.00 min

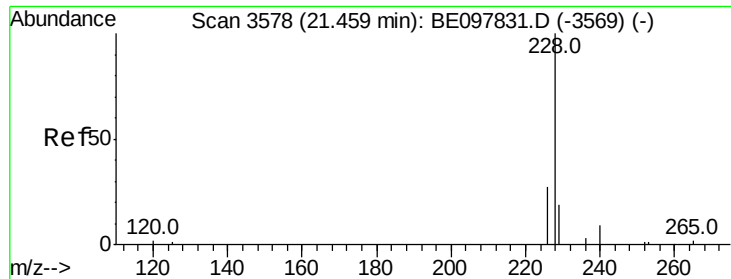
Lab File: BE097836.D

Acq: 10 Oct 2018 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	157152		
101	13.4	8.8	13.2#	
100	11.2	7.9	11.9	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE





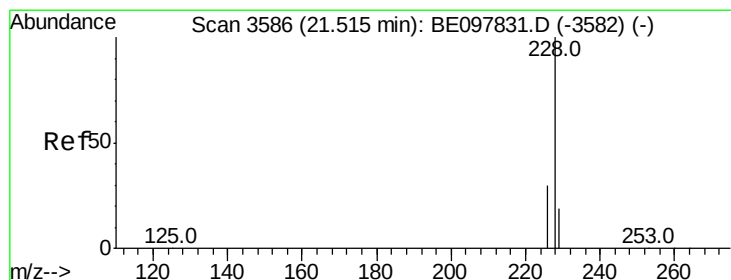
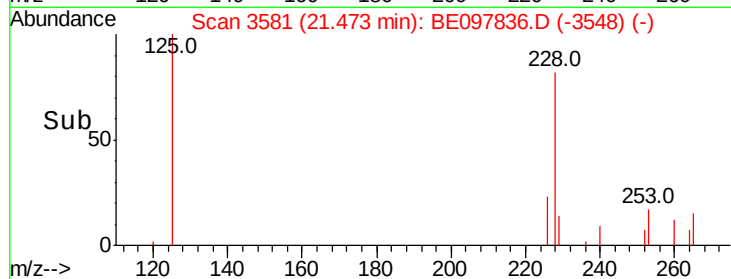
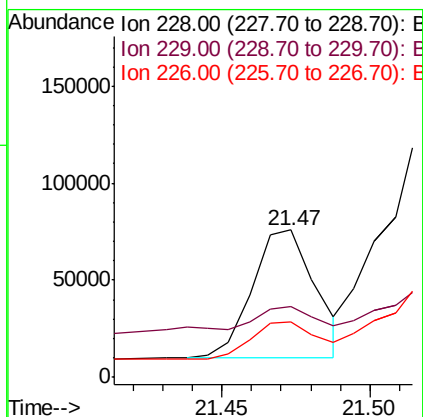
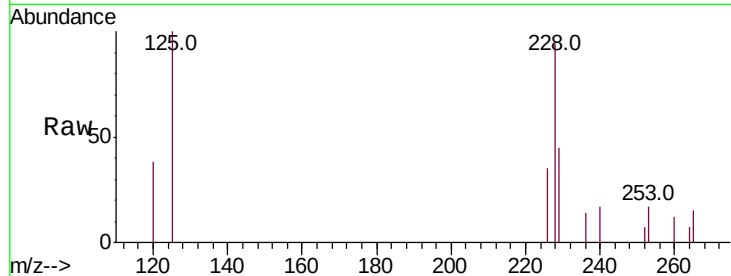
#18
Benzo(a)anthracene
Concen: 0.978 ng/ul m
RT: 21.47 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Instrument :
BNA_E
ClientSampled :
JLC23

Tot Ion:228 Resp: 97660
Ion Ratio Lower Upper
228 100
229 47.9 16.4 24.6#
226 37.3 21.5 32.3#

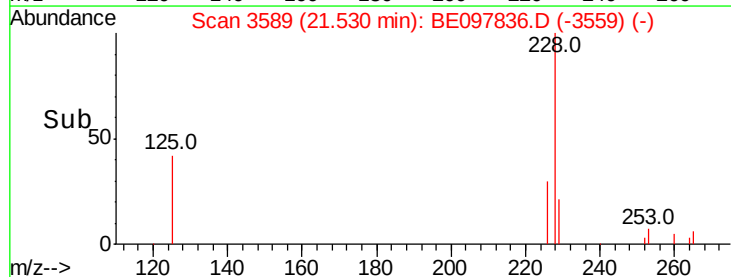
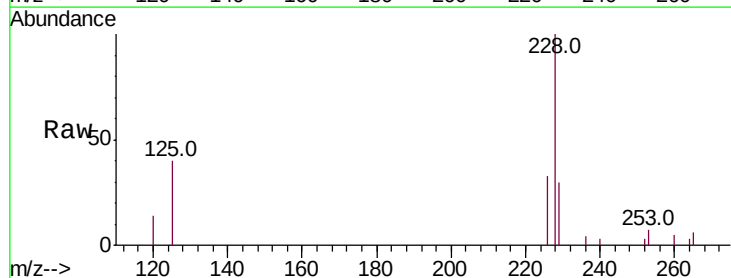
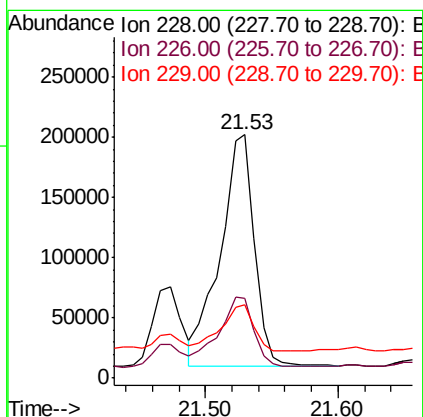
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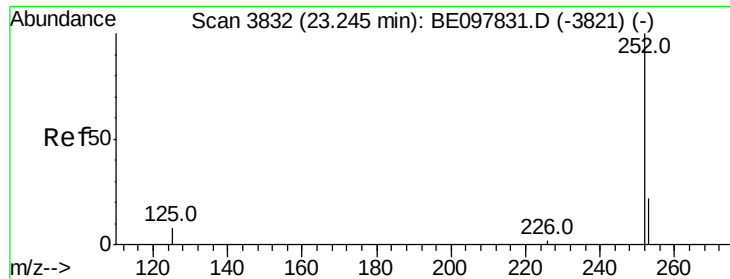
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#19
Chrysene
Concen: 3.548 ng/ul
RT: 21.53 min Scan# 3589
Delta R.T. 0.01 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Tgt Ion:228 Resp: 342005
Ion Ratio Lower Upper
228 100
226 32.8 23.0 34.4
229 30.2 15.5 23.3#





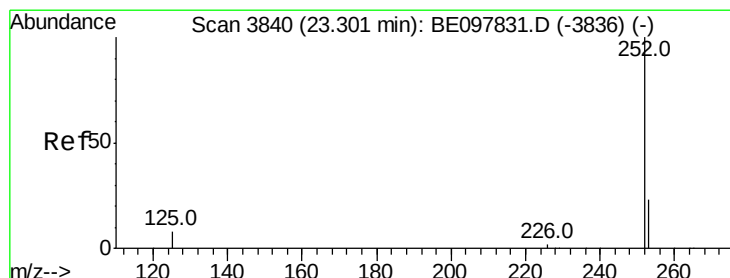
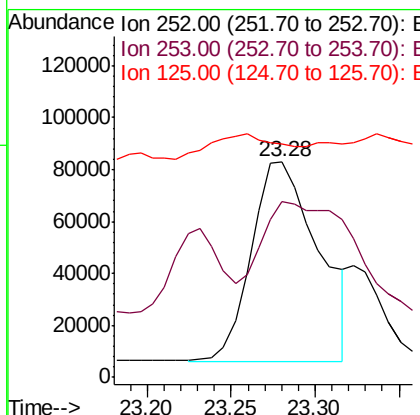
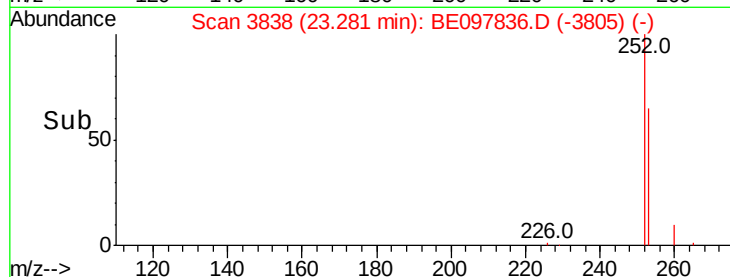
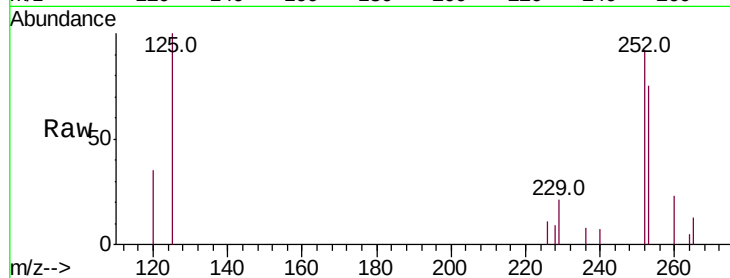
#21
Benzo(b)fluoranthene
Concen: 2.539 ng/ul m
RT: 23.28 min Scan# 3838
Delta R.T. 0.04 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Instrument :
BNA_E
ClientSampleId :
JLC23

Tot Ion:252 Resp: 212723
Ion Ratio Lower Upper
252 100
253 81.3 0.0 47.0#
125 108.3 0.0 18.2#

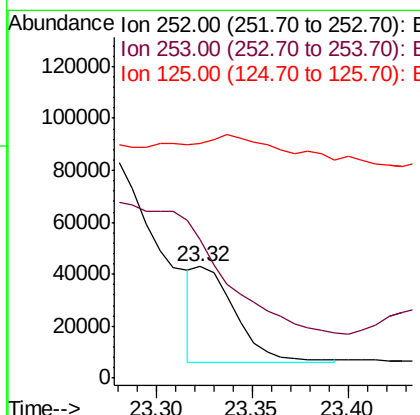
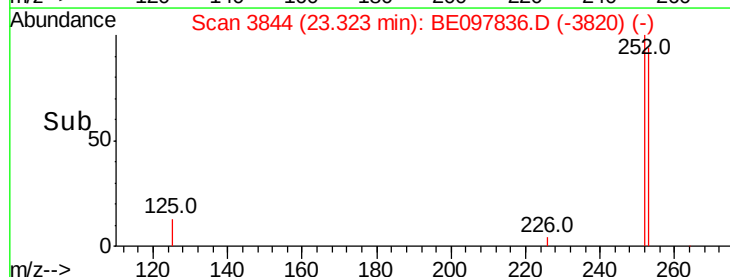
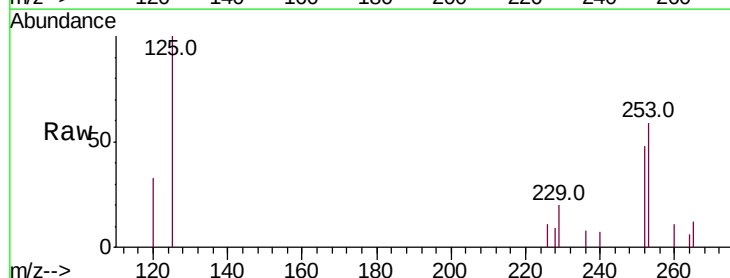
Manual Integrations
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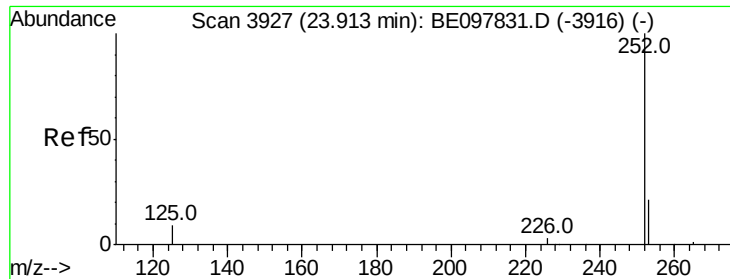
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#22
Benzo(k)fluoranthene
Concen: 0.587 ng/ul m
RT: 23.32 min Scan# 3844
Delta R.T. 0.02 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Tgt Ion:252 Resp: 55710
Ion Ratio Lower Upper
252 100
253 124.4 17.8 26.6#
125 210.3 9.4 14.0#





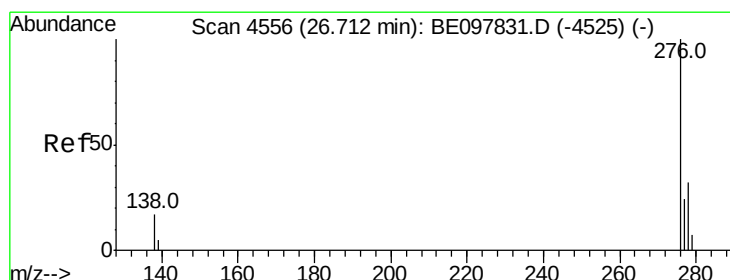
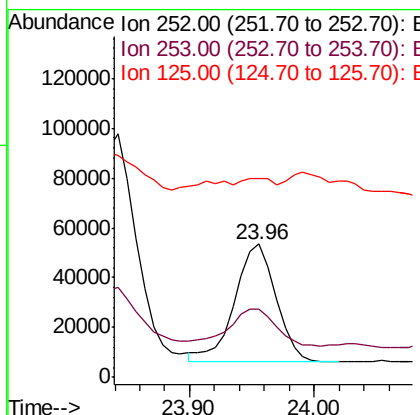
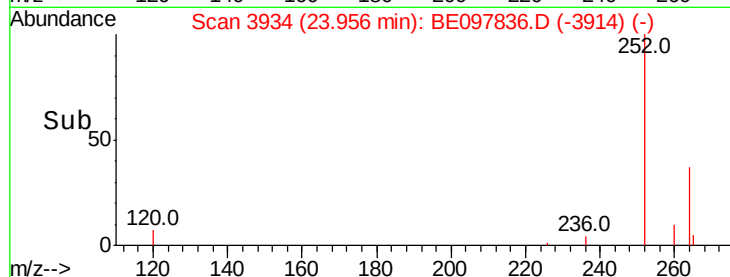
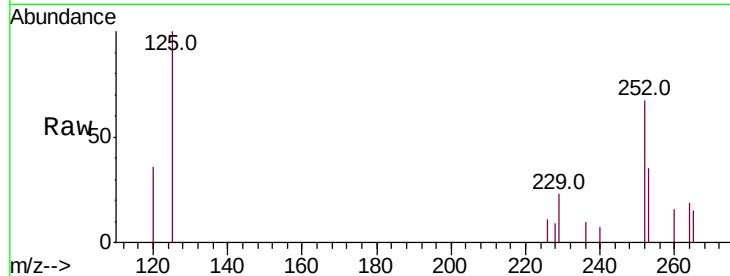
#23
Benzo(a)pyrene
Concen: 1.417 ng/ul
RT: 23.96 min Scan# 3934
Delta R.T. 0.04 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Instrument :
BNA_E
ClientSampleId :
JLC23

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.6	18.2	27.4#
125	149.1	8.3	12.5#

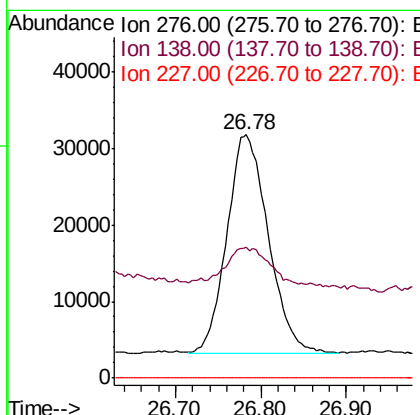
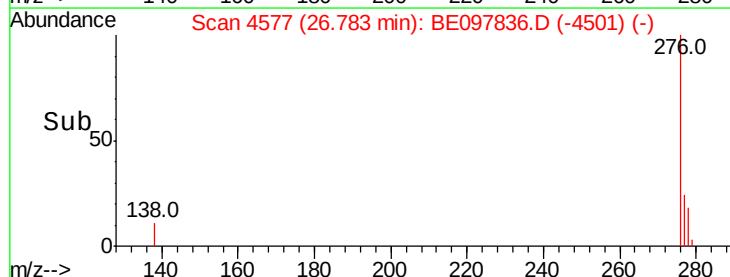
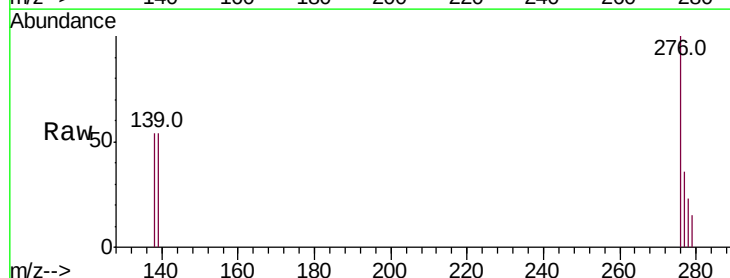
Manual Integrations
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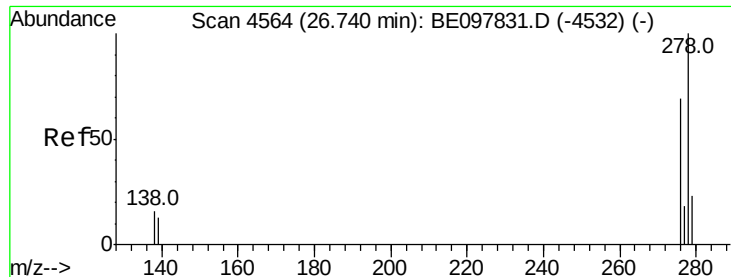
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#24
Indeno(1,2,3-cd)pyrene
Concen: 1.105 ng/ul
RT: 26.78 min Scan# 4577
Delta R.T. 0.07 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	0.0	0.0#
227	0.0	0.0	0.0





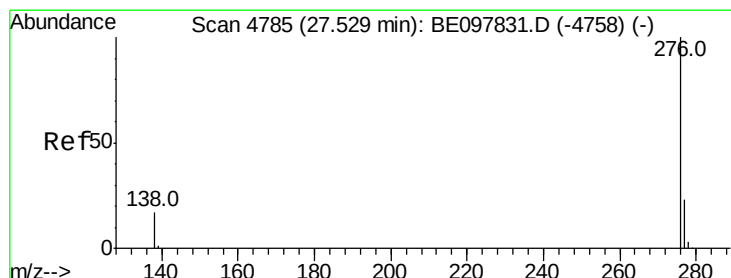
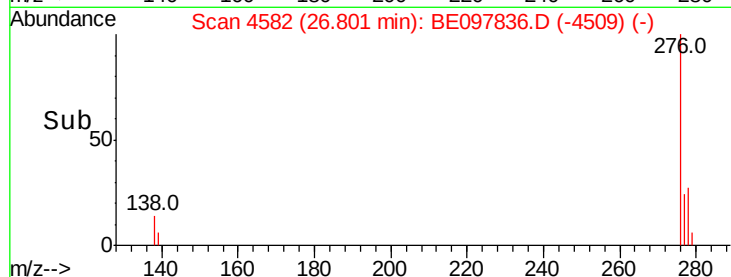
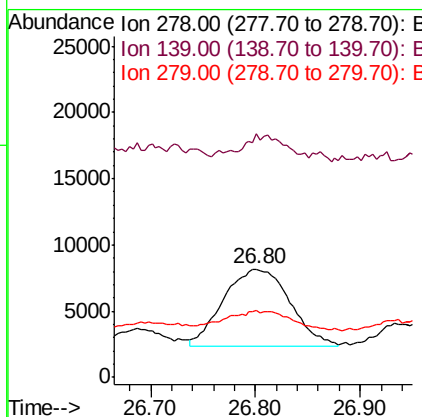
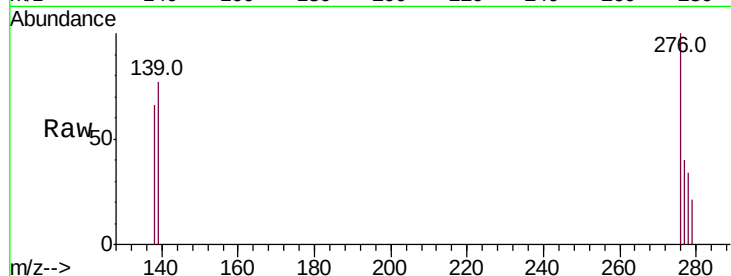
#25
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul m
RT: 26.80 min Scan# 4582
Delta R.T. 0.06 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Instrument :
BNA_E
ClientSampled :
JLC23

Tot Ion	Ratio	Lower	Upper
278	100		
139	225.2	10.9	16.3#
279	61.6	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:33:37 PM



#26
Benzo(g,h,i)perylene
Concen: 1.489 ng/ul
RT: 27.62 min Scan# 4812
Delta R.T. 0.09 min
Lab File: BE097836.D
Acq: 10 Oct 2018 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.5	14.3	21.5#
277	33.1	19.5	29.3#

