

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097865.D
 Acq On : 11 Oct 2018 19:54
 Operator : SJ/JU
 Sample : J5184-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC22

Manual Integrations
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Sohil
 10/12/2018 6:34:55 PM

Quant Time: Oct 12 04:16:36 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	3308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	16962	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	12222	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	28235m	0.40	ng/ul	0.01
16) Chrysene-d12	21.51	240	22725m	0.40	ng/ul	0.03
20) Perylene-d12	24.09	264	25666m	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8266	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	22983m	0.25	ng/ul	0.01
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	63909	1.548	ng/ul	100
5) 2-Methylnaphthalene	12.36	142	25172	0.843	ng/ul	99
7) Acenaphthylene	14.27	152	12979	0.281	ng/ul#	86
8) Acenaphthene	14.61	153	80011	2.230	ng/ul	96
9) Fluorene	15.61	166	80796	1.726	ng/ul	99
11) Pentachlorophenol	16.97	266	2248m	0.565	ng/ul	
12) Phenanthrene	17.35	178	2185909m	32.702	ng/ul	
13) Anthracene	17.44	178	463842m	7.489	ng/ul	
15) Fluoranthene	19.38	202	3862883m	44.998	ng/ul	
17) Pyrene	19.74	202	4409315	65.131	ng/ul	95
18) Benzo(a)anthracene	21.49	228	1991038	28.977	ng/ul	96
19) Chrysene	21.55	228	5071189m	82.144	ng/ul	
21) Benzo(b)fluoranthene	23.31	252	4149826m	60.497	ng/ul	
22) Benzo(k)fluoranthene	23.35	252	1197016m	16.302	ng/ul	
23) Benzo(a)pyrene	23.98	252	1465653m	21.763	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.82	276	1510447	19.756	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.83	278	442756m	7.007	ng/ul	
26) Benzo(g,h,i)perylene	27.67	276	1745951	26.210	ng/ul	99

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

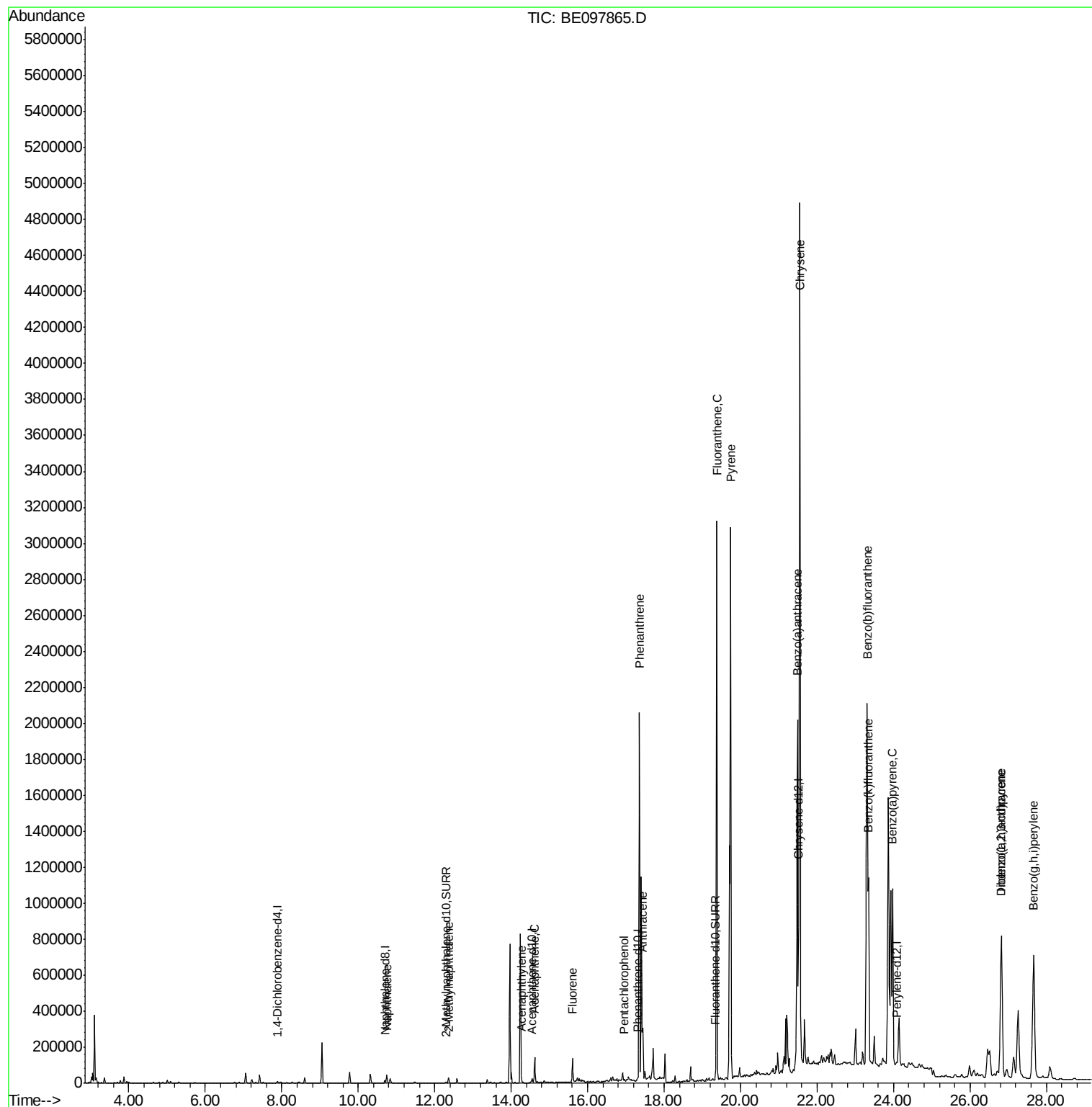
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097865.D
Acq On : 11 Oct 2018 19:54
Operator : SJ/JU
Sample : J5184-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

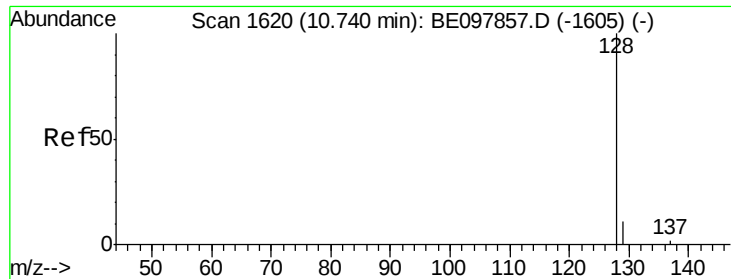
Instrument :
BNA_E
ClientSampled :
JLC22

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

Naphthalene

Concen: 1.548 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

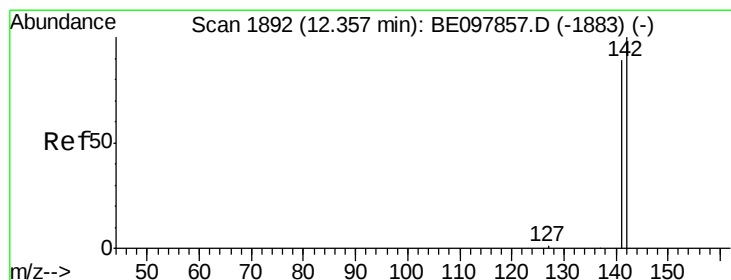
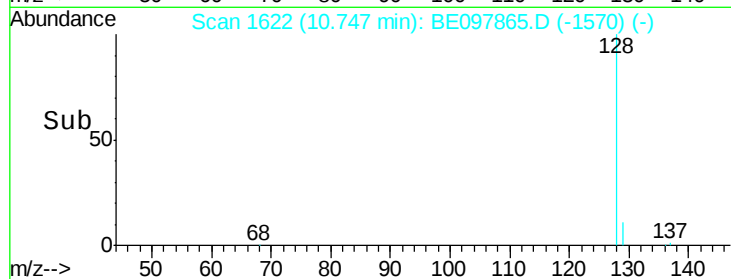
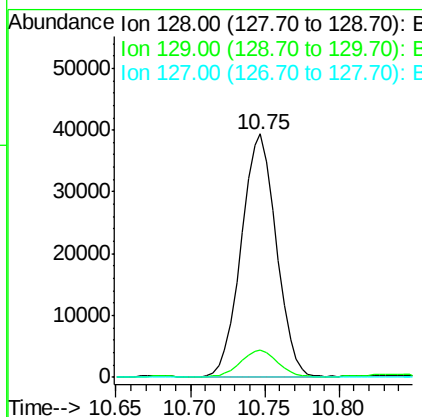
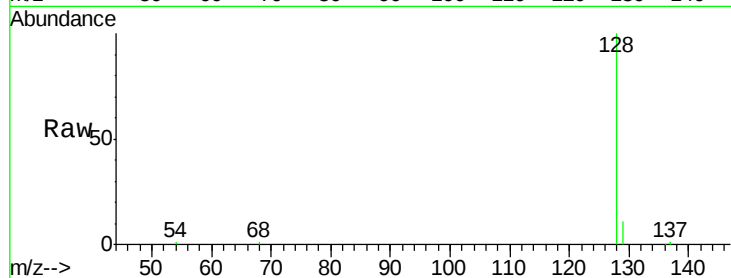
ClientSampleId :

JLC22

Tgt Ion:	128	Resp:	63909
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.843 ng/ul

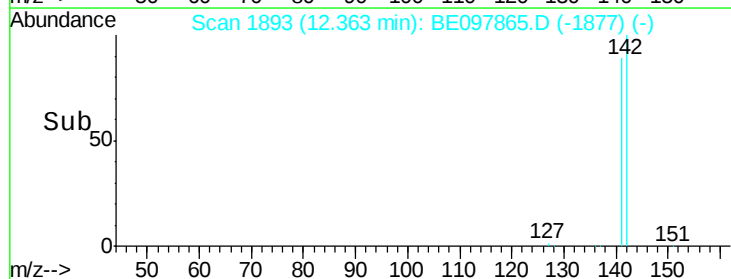
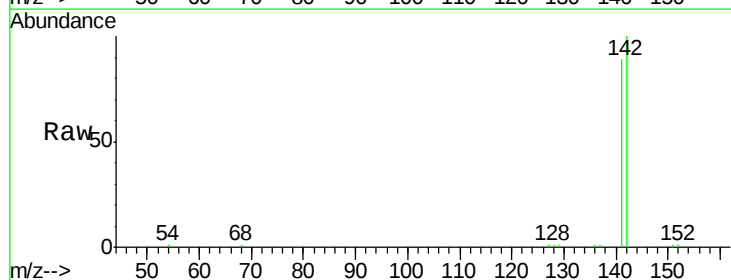
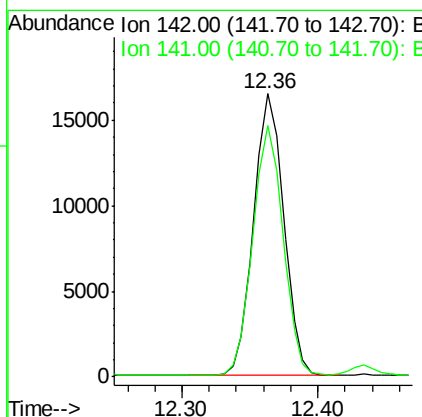
RT: 12.36 min Scan# 1893

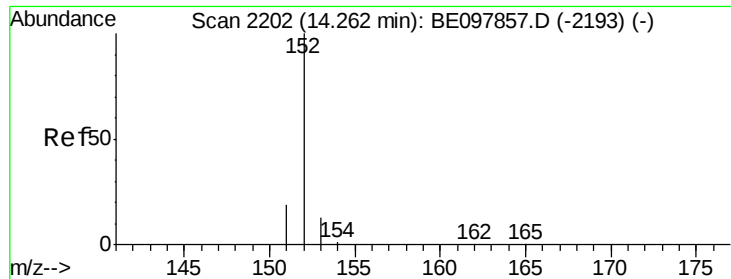
Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Tgt Ion:	142	Resp:	25172
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.6	107.4





#7

Acenaphthylene

Concen: 0.281 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

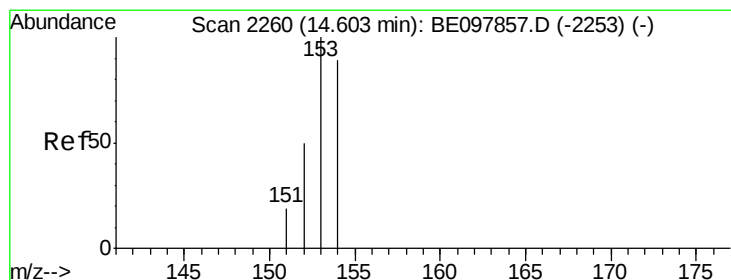
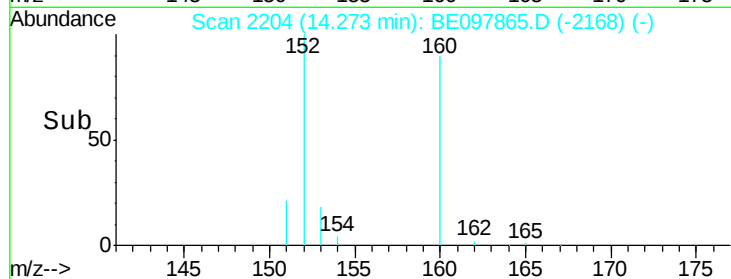
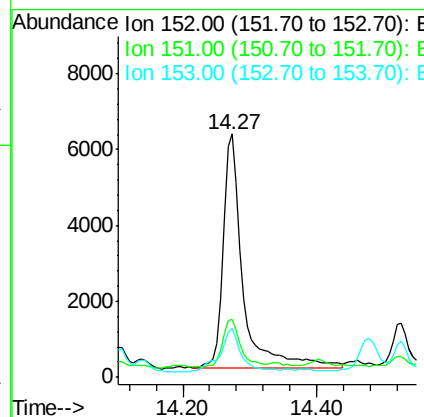
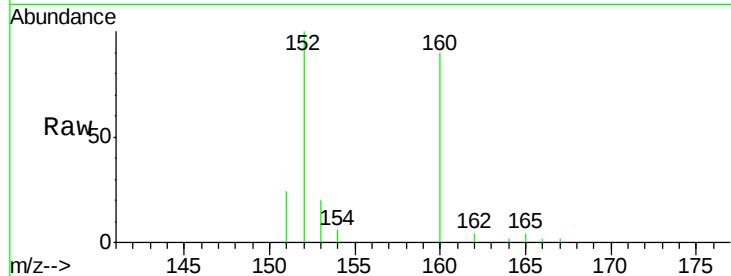
ClientSampleId :

JLC22

Tgt Ion:	152	Resp:	12979
Ion Ratio	Lower	Upper	
152	100		
151	23.6	15.0	22.6#
153	20.1	10.5	15.7#

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#8

Acenaphthene

Concen: 2.230 ng/ul

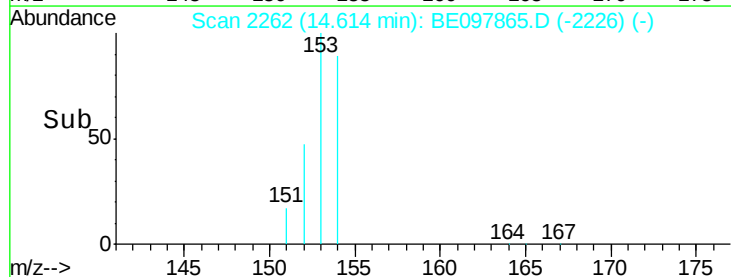
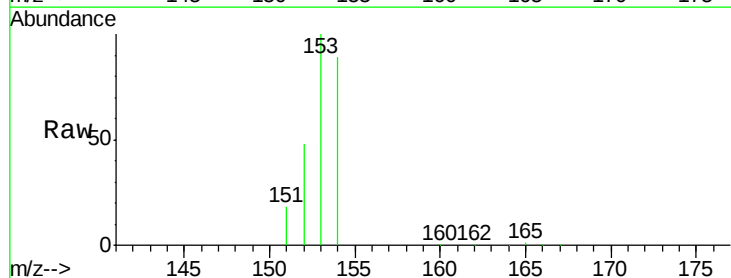
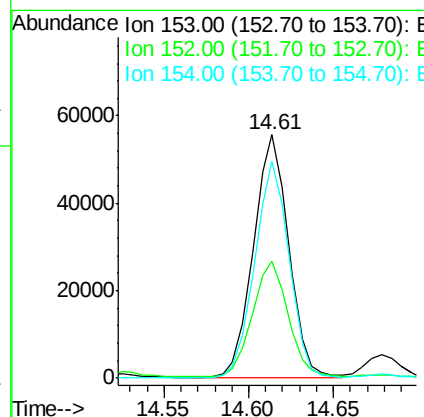
RT: 14.61 min Scan# 2262

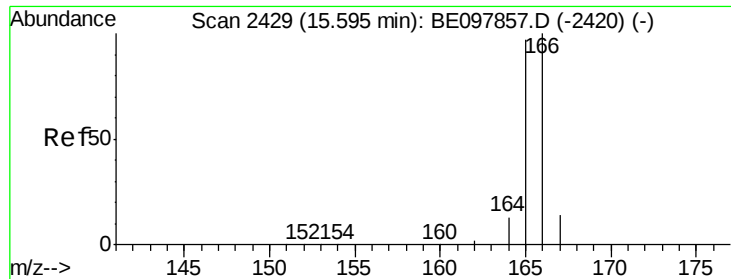
Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Tgt Ion:	153	Resp:	80011
Ion Ratio	Lower	Upper	
153	100		
152	47.8	41.2	61.8
154	89.0	68.6	103.0





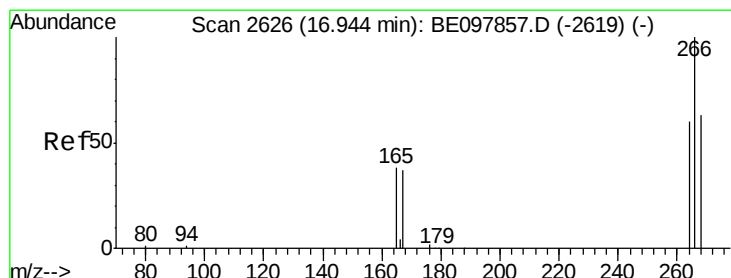
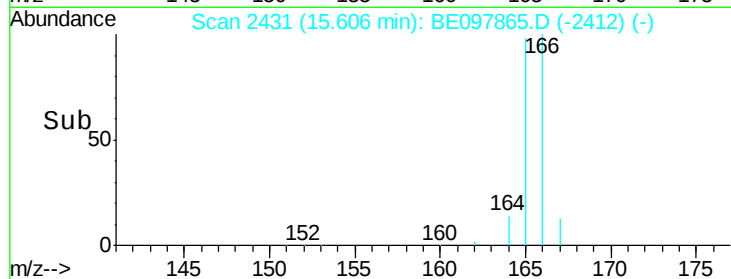
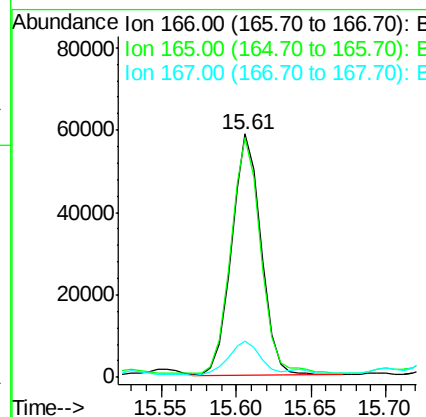
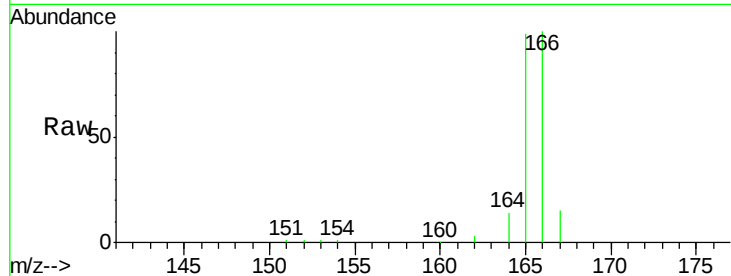
#9
Fluorene
 Concen: 1.726 ng/ul
 RT: 15.61 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BE097865.D
 Acq: 11 Oct 2018 19:54

Instrument :
 BNA_E
 ClientSampleId :
 JLC22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.2	118.8
167	14.9	11.3	16.9

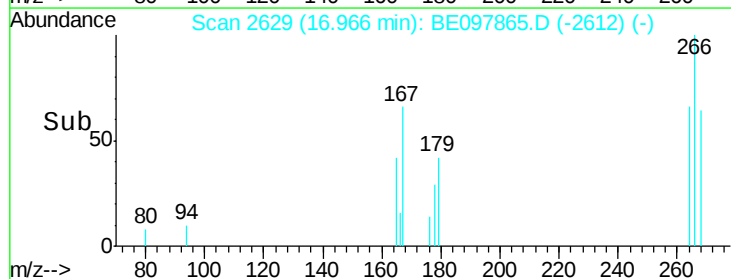
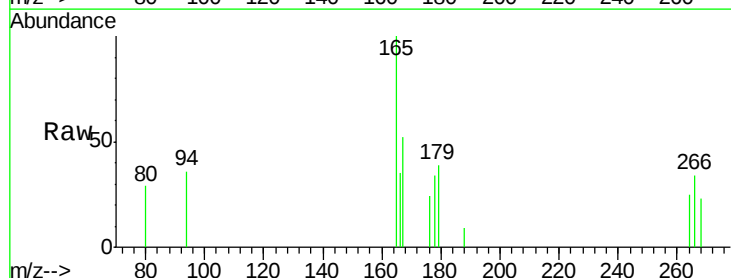
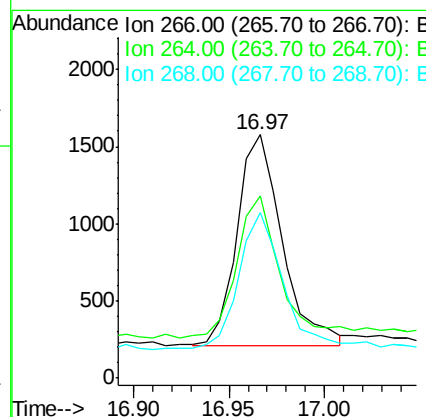
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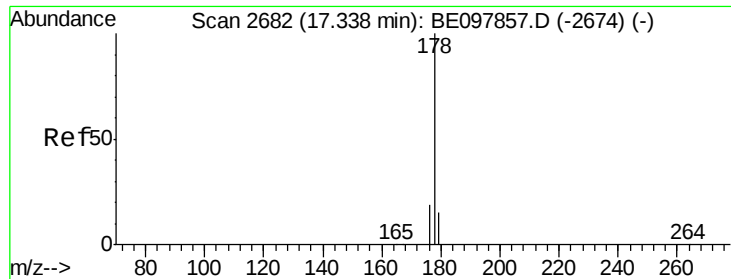
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#11
Pentachlorophenol
 Concen: 0.565 ng/ul m
 RT: 16.97 min Scan# 2629
 Delta R.T. 0.02 min
 Lab File: BE097865.D
 Acq: 11 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.8	74.8#
268	0.0	48.4	72.6#





#12

Phenanthrene

Concen: 32.702 ng/ul m

RT: 17.35 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

JLC22

Tgt Ion:178 Resp: 2185909

Ion Ratio Lower Upper

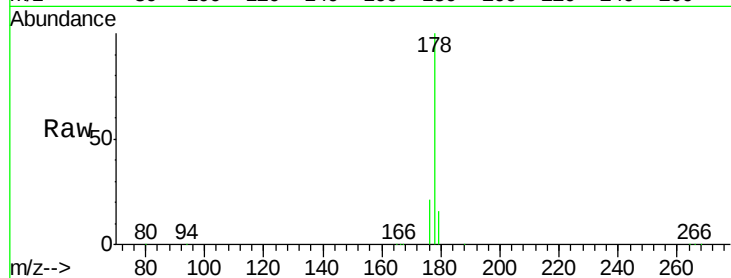
178 100

179 16.1 12.8 19.2

176 20.8 14.9 22.3

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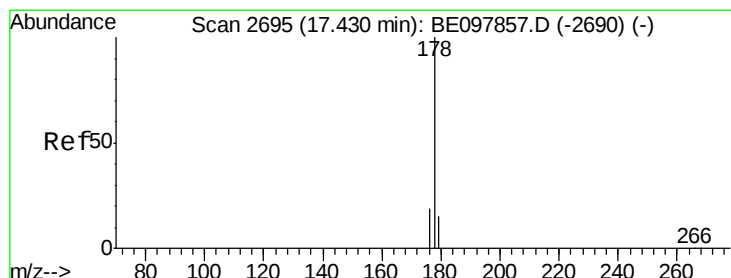
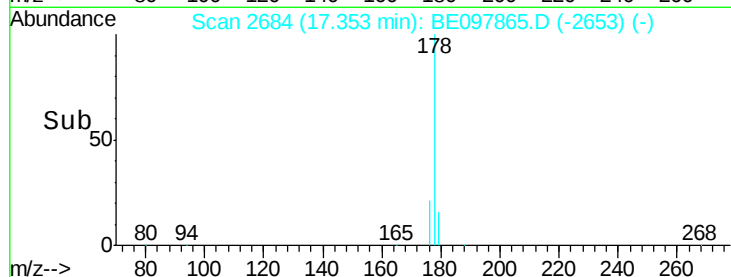
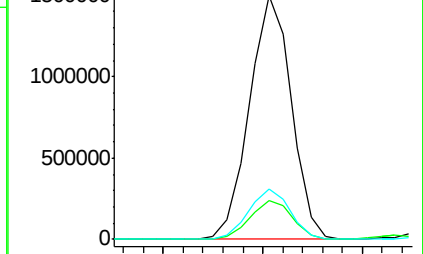
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 7.489 ng/ul m

RT: 17.44 min Scan# 2697

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Tgt Ion:178 Resp: 463842

Ion Ratio Lower Upper

178 100

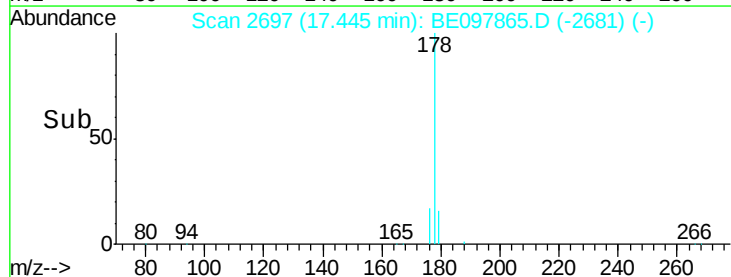
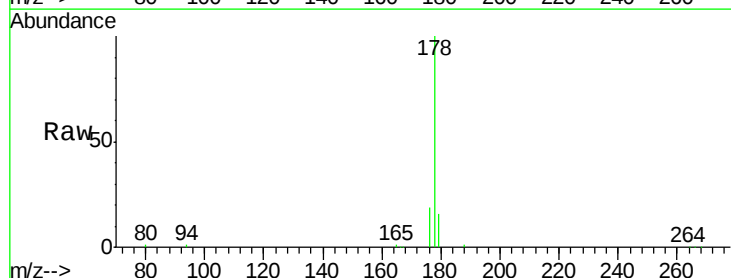
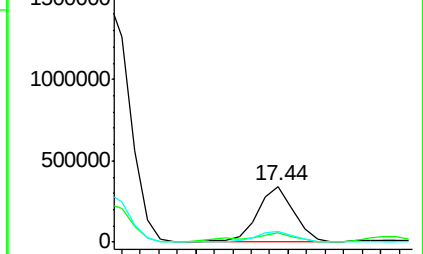
179 16.1 12.9 19.3

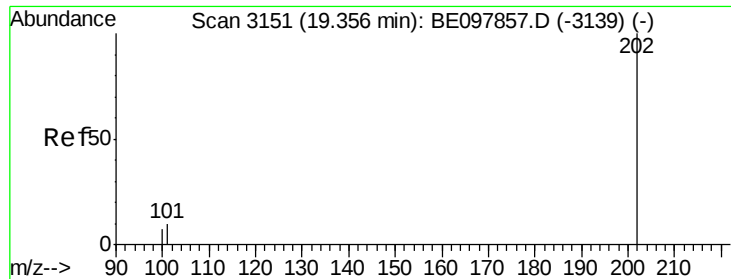
176 19.1 15.5 23.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 44.998 ng/ul m

RT: 19.38 min Scan# 3158

Delta R.T. 0.02 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

JLC22

Tgt Ion:202 Resp: 3862883

Ion Ratio Lower Upper

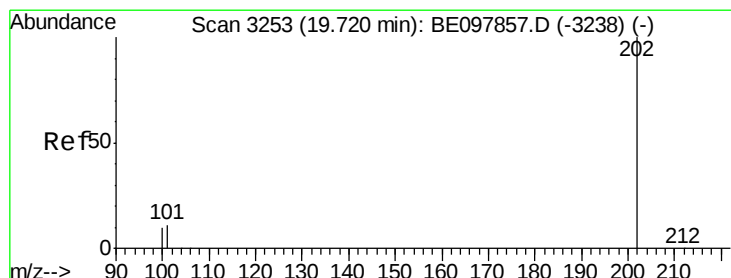
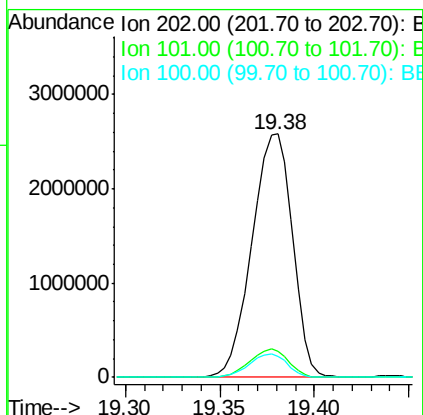
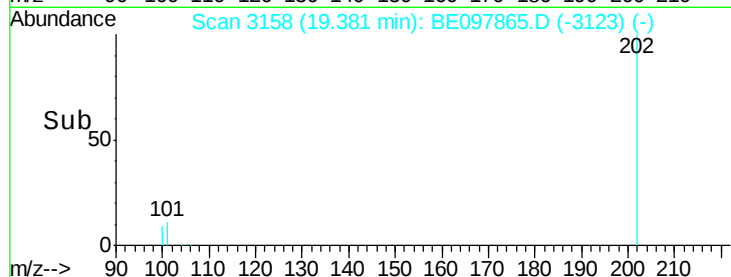
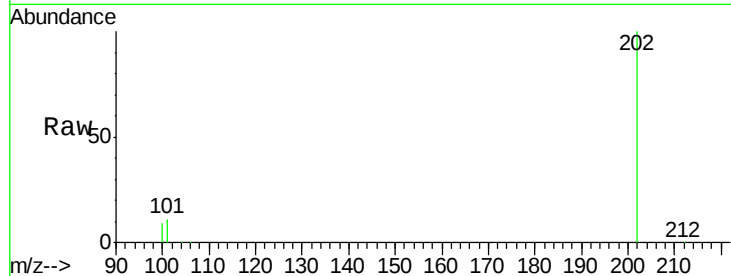
202 100

101 10.9 0.0 29.3

100 8.8 0.0 27.5

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#17

Pyrene

Concen: 65.131 ng/ul

RT: 19.74 min Scan# 3259

Delta R.T. 0.02 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

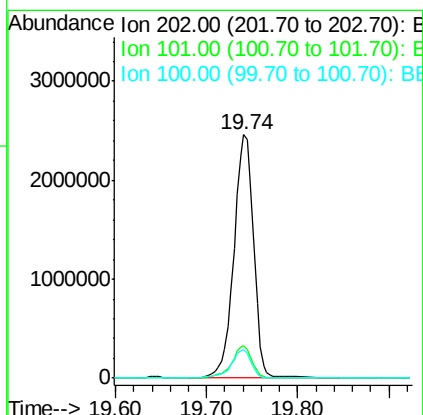
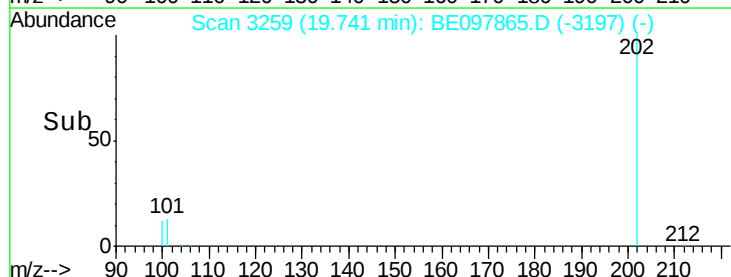
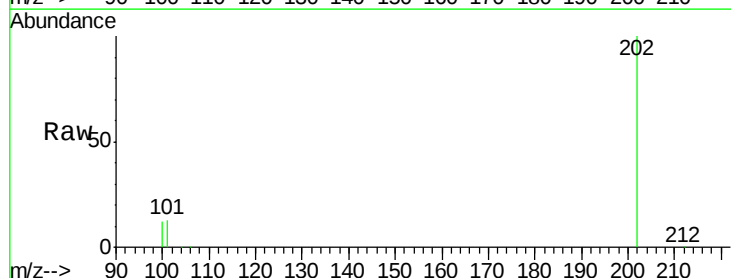
Tgt Ion:202 Resp: 4409315

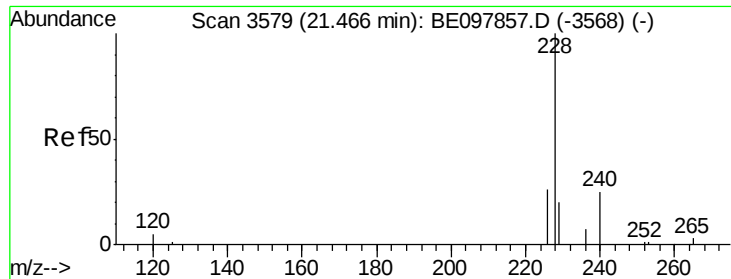
Ion Ratio Lower Upper

202 100

101 13.2 8.8 13.2

100 11.8 7.9 11.9





#18

Benzo(a)anthracene

Concen: 28.977 ng/ul

RT: 21.49 min Scan# 3582

Delta R.T. 0.02 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:228 Resp: 1991038

Ion Ratio Lower Upper

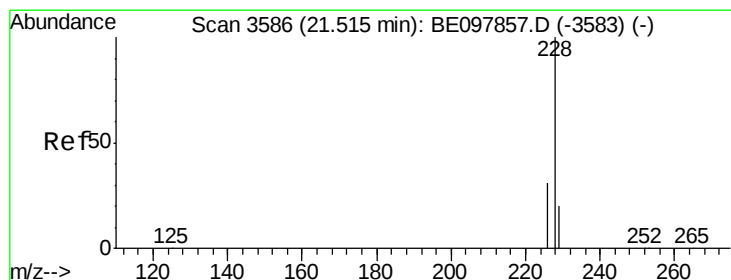
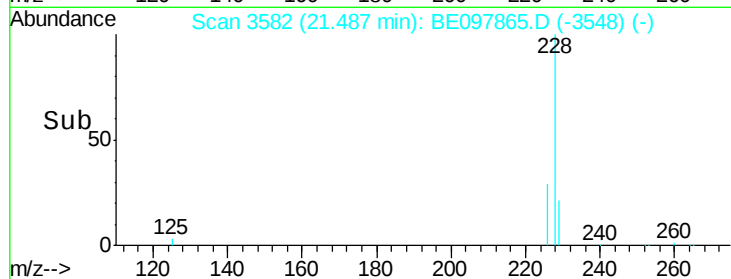
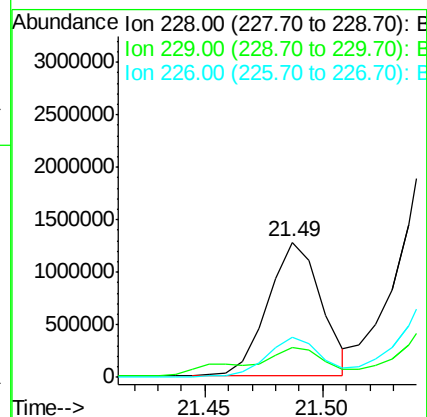
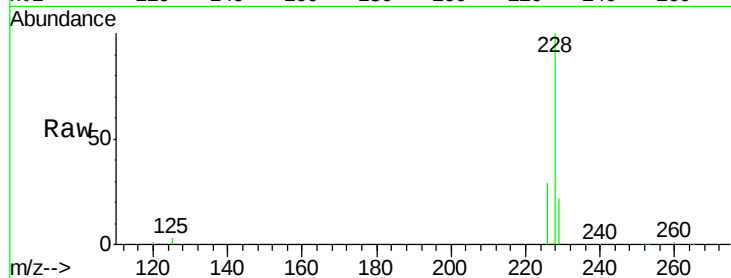
228 100

229 21.8 16.4 24.6

226 29.5 21.5 32.3

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#19

Chrysene

Concen: 82.144 ng/ul m

RT: 21.55 min Scan# 3591

Delta R.T. 0.04 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

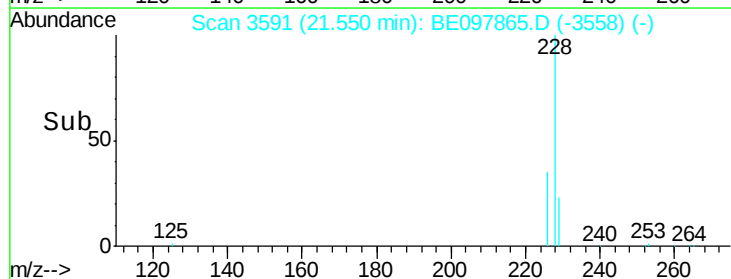
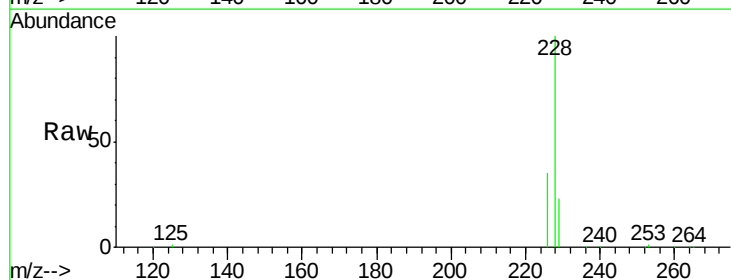
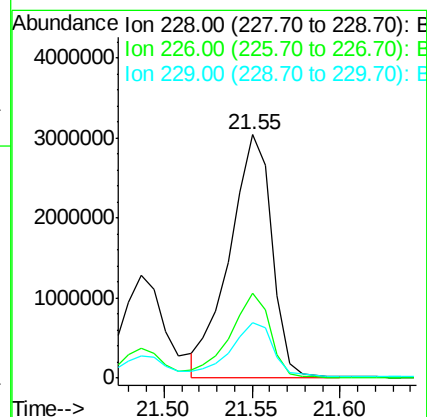
Tgt Ion:228 Resp: 5071189

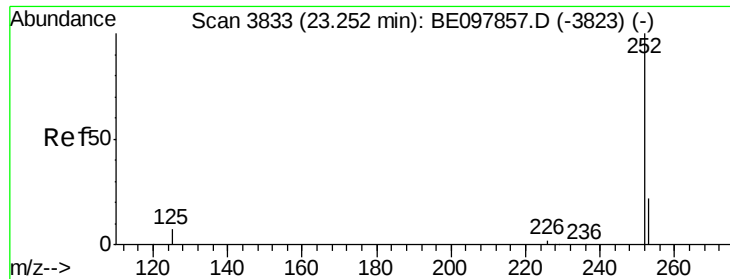
Ion Ratio Lower Upper

228 100

226 34.7 23.0 34.4#

229 23.0 15.5 23.3





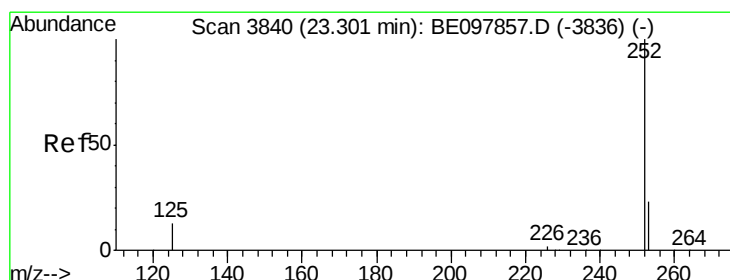
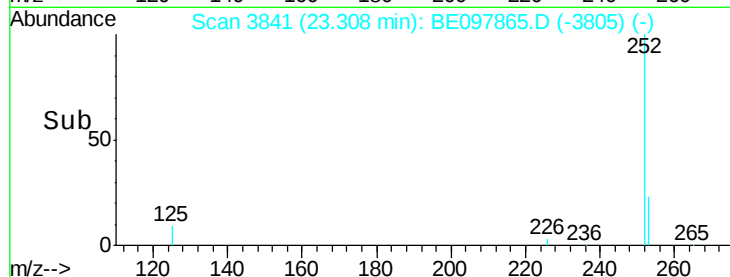
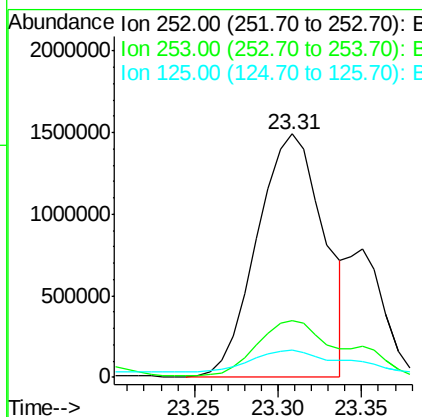
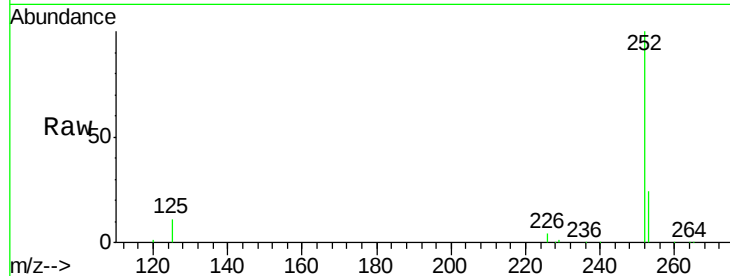
#21
Benzo(b)fluoranthene
Concen: 60.497 ng/ul m
RT: 23.31 min Scan# 3841
Delta R.T. 0.06 min
Lab File: BE097865.D
Acq: 11 Oct 2018 19:54

Instrument :
BNA_E
ClientSampleId :
JLC22

Tgt Ion:252 Resp: 4149826
Ion Ratio Lower Upper
252 100
253 23.5 0.0 47.0
125 11.1 0.0 18.2

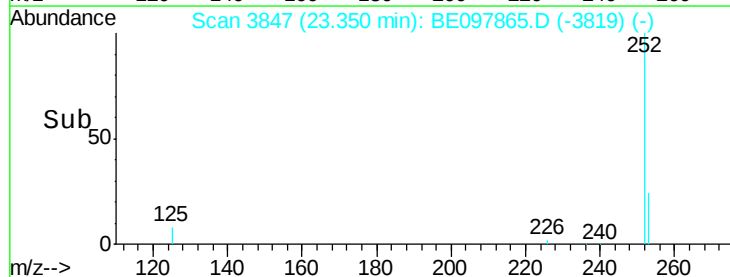
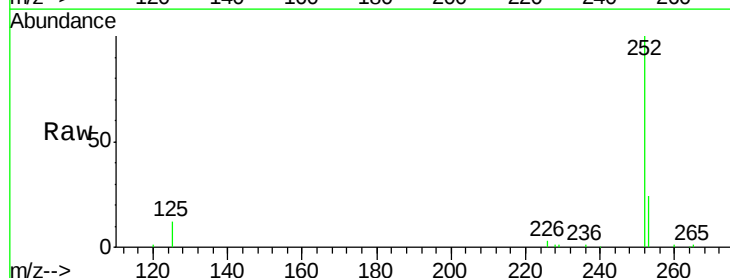
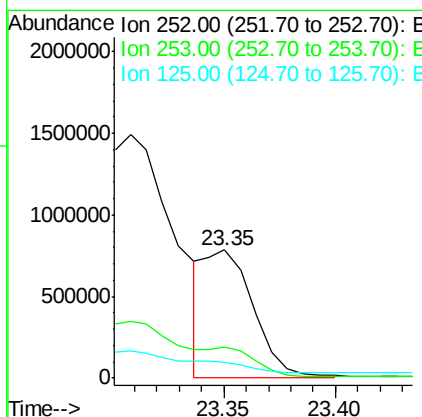
Manual Integrations
APPROVED

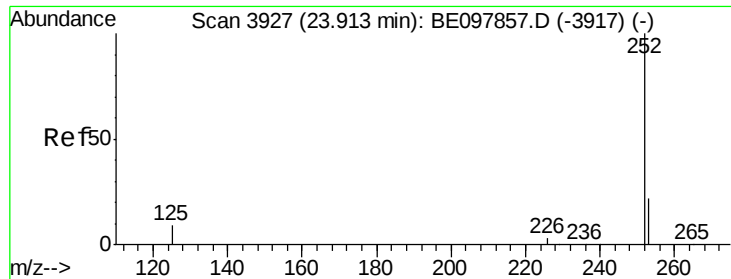
Sohil
10/12/2018 6:34:55 PM



#22
Benzo(k)fluoranthene
Concen: 16.302 ng/ul m
RT: 23.35 min Scan# 3847
Delta R.T. 0.05 min
Lab File: BE097865.D
Acq: 11 Oct 2018 19:54

Tgt Ion:252 Resp: 1197016
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 12.3 9.4 14.0





#23

Benzo(a)pyrene

Concen: 21.763 ng/ul m

RT: 23.98 min Scan# 3936

Delta R.T. 0.06 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

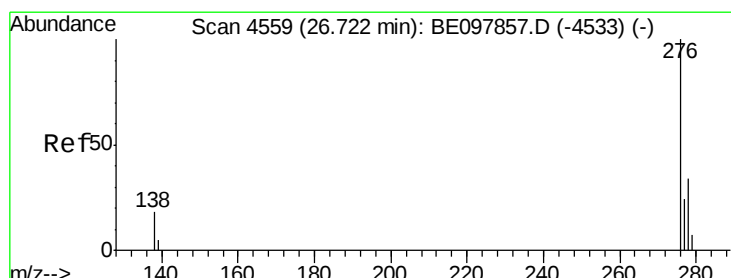
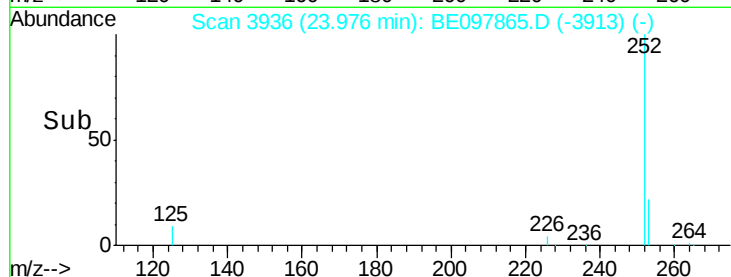
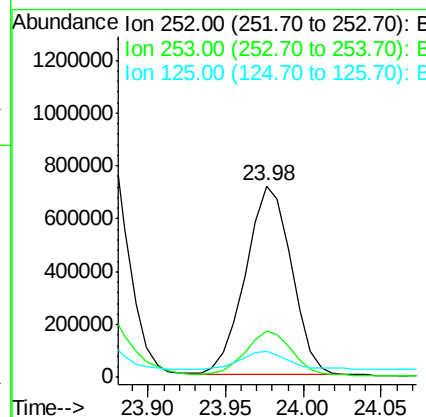
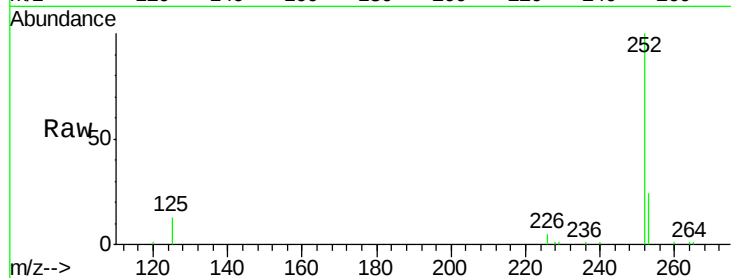
ClientSampleId :

JLC22

Tgt Ion:252 Resp: 1465653
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.2 27.4
 125 13.3 8.3 12.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 19.756 ng/ul

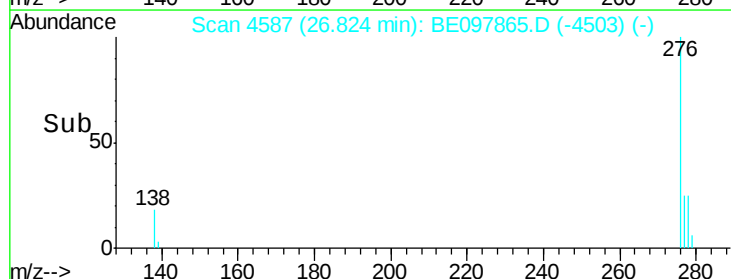
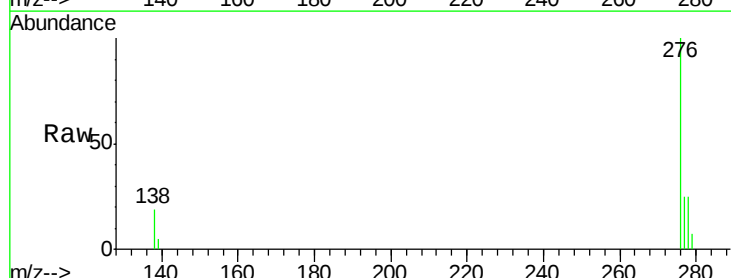
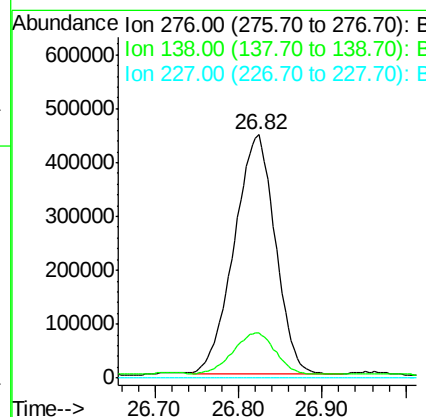
RT: 26.82 min Scan# 4587

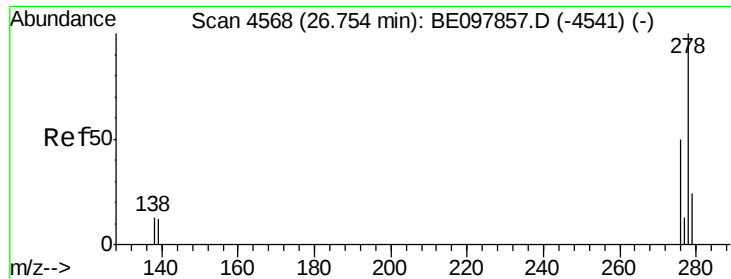
Delta R.T. 0.10 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Tgt Ion:276 Resp: 1510447
 Ion Ratio Lower Upper
 276 100
 138 17.9 0.0 0.0#
 227 0.0 0.0 0.0





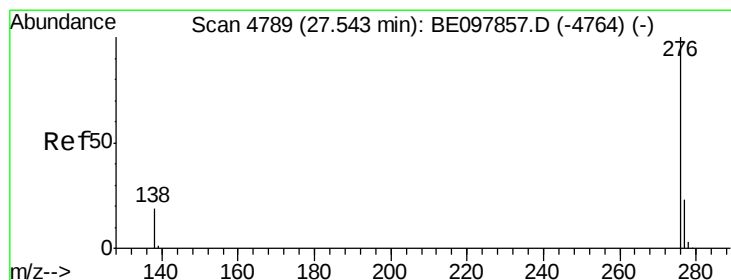
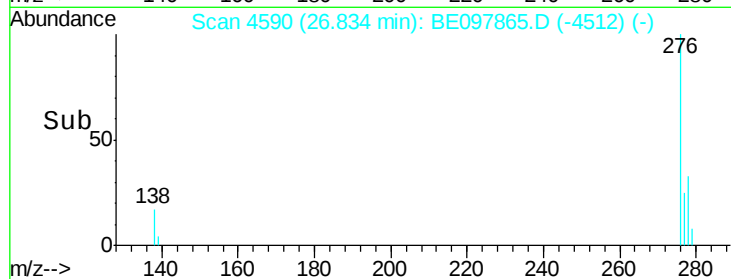
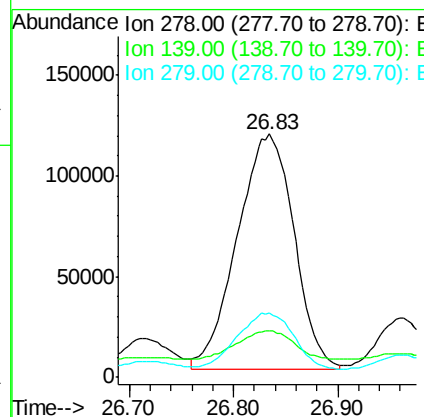
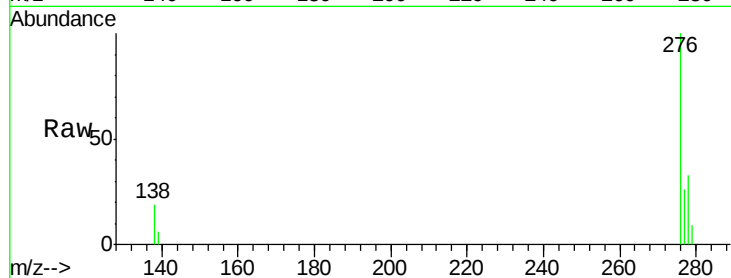
#25
 Dibenzo(a,h)anthracene
 Concen: 7.007 ng/ul m
 RT: 26.83 min Scan# 4590
 Delta R.T. 0.08 min
 Lab File: BE097865.D
 Acq: 11 Oct 2018 19:54

Instrument :
 BNA_E
 ClientSampleId :
 JLC22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	10.9	16.3#
279	26.7	18.8	28.2

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#26
 Benzo(g,h,i)perylene
 Concen: 26.210 ng/ul
 RT: 27.67 min Scan# 4824
 Delta R.T. 0.13 min
 Lab File: BE097865.D
 Acq: 11 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.3	21.5
277	24.5	19.5	29.3

