

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097864.D
 Acq On : 11 Oct 2018 19:18
 Operator : SJ/JU
 Sample : J5184-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC34

Manual Integrations
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Quant Time: Oct 11 20:03:15 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	4020	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	20128	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	15185m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	31601m	0.40	ng/ul	0.01
16) Chrysene-d12	21.52	240	26688m	0.40	ng/ul	0.04
20) Perylene-d12	24.10	264	32270m	0.40	ng/ul	0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	18992	0.56	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	51229m	0.50	ng/ul	0.02
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	150425	3.071	ng/ul	99
5) 2-Methylnaphthalene	12.36	142	67045	1.892	ng/ul	100
7) Acenaphthylene	14.27	152	44075	0.767	ng/ul#	92
8) Acenaphthene	14.61	153	156339	3.507	ng/ul	98
9) Fluorene	15.61	166	203465	3.498	ng/ul	99
11) Pentachlorophenol	16.96	266	75574m	16.964	ng/ul	
12) Phenanthrene	17.36	178	4735557m	63.299	ng/ul	
13) Anthracene	17.44	178	1623020m	23.412	ng/ul	
15) Fluoranthene	19.39	202	10991568m	114.401	ng/ul	
17) Pyrene	19.76	202	14103511	177.392	ng/ul#	90
18) Benzo(a)anthracene	21.50	228	8314561m	103.040	ng/ul	
19) Chrysene	21.56	228	11556173m	159.392	ng/ul	
21) Benzo(b)fluoranthene	23.34	252	13708942m	158.952	ng/ul	
22) Benzo(k)fluoranthene	23.38	252	3792290m	41.078	ng/ul	
23) Benzo(a)pyrene	24.01	252	6459544m	76.286	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.86	276	4856706	50.525	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.88	278	1372331	17.274	ng/ul	96
26) Benzo(g,h,i)perylene	27.71	276	4305761	51.409	ng/ul	99

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

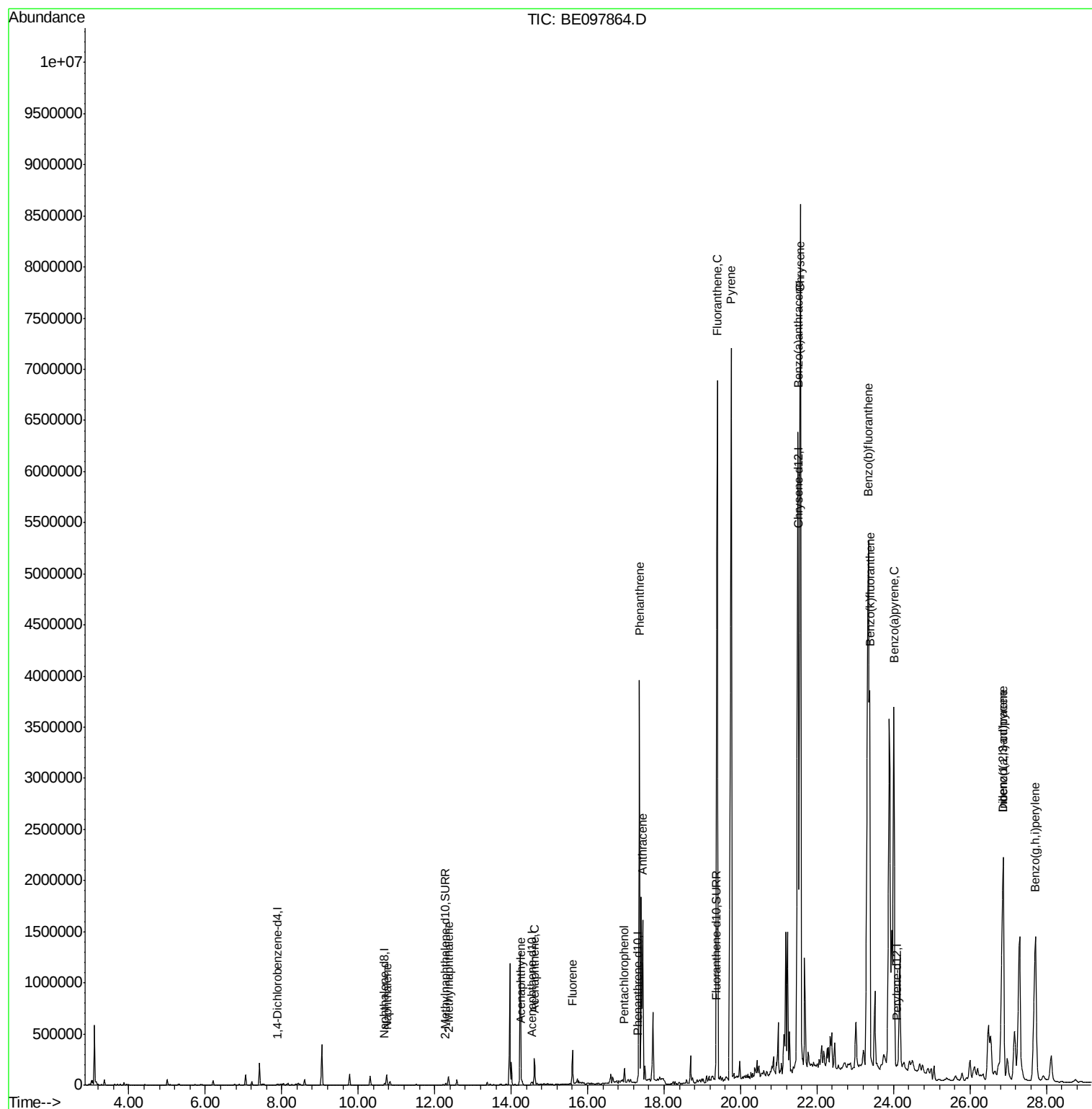
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097864.D
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Sample : J5184-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

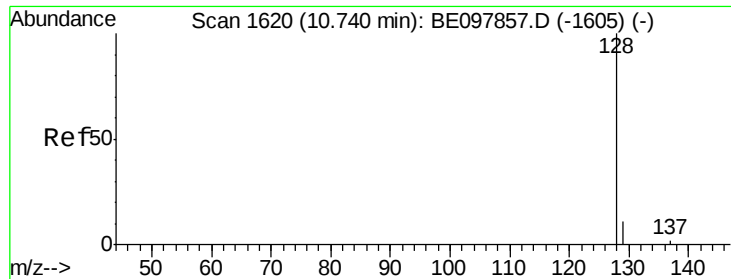
Instrument :
BNA_E
ClientSampled :
JLC34

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Quant Time: Oct 11 20:03:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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QLast Update : Thu Oct 11 14:16:20 2018
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#3

Naphthalene

Concen: 3.071 ng/ul

RT: 10.74 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Instrument :

BNA_E

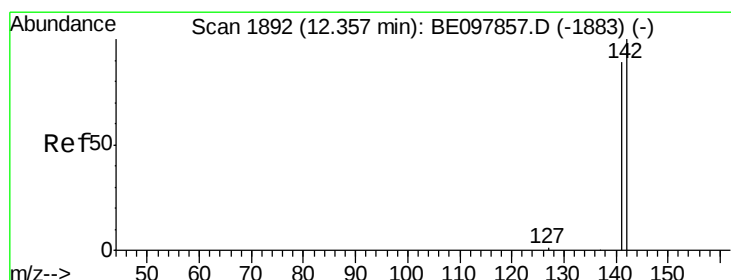
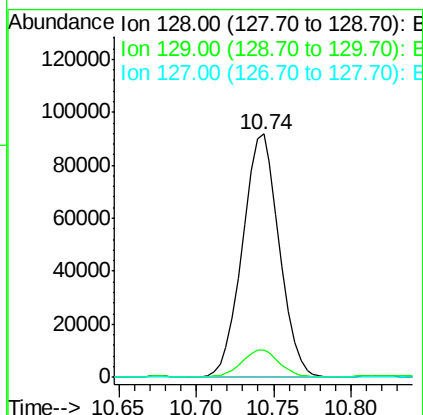
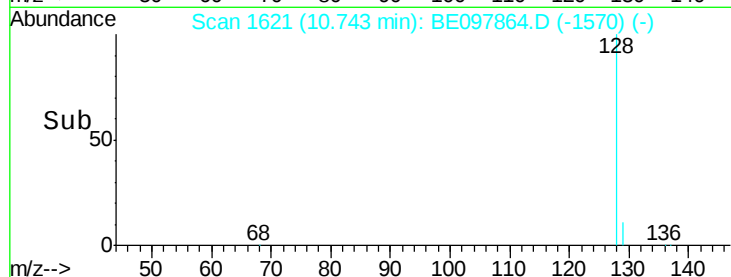
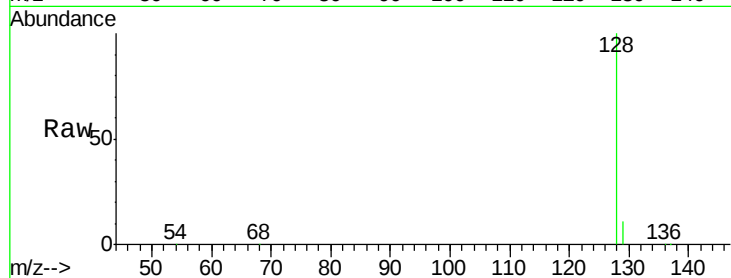
ClientSampleId :

JLC34

Tgt Ion:	128	Resp:	150425
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 1.892 ng/ul

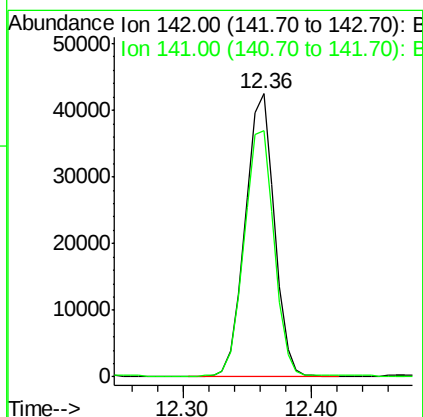
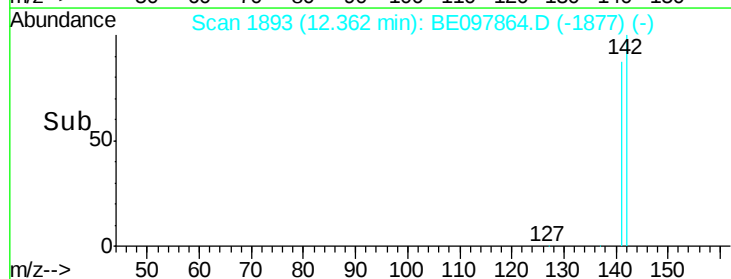
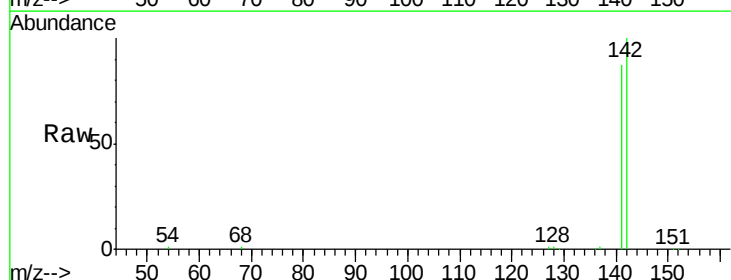
RT: 12.36 min Scan# 1893

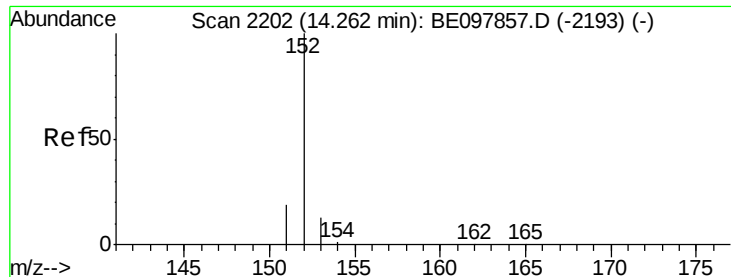
Delta R.T. 0.01 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Tgt Ion:	142	Resp:	67045
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.6	107.4





#7

Acenaphthylene

Concen: 0.767 ng/ul

RT: 14.27 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Instrument :

BNA_E

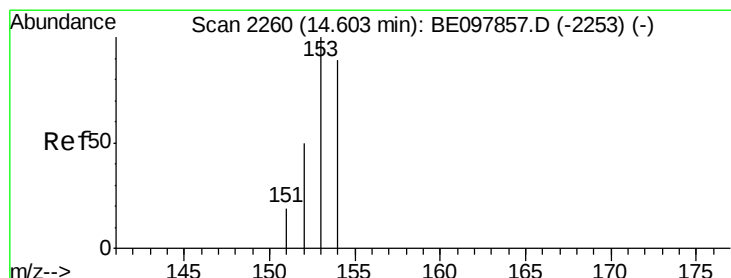
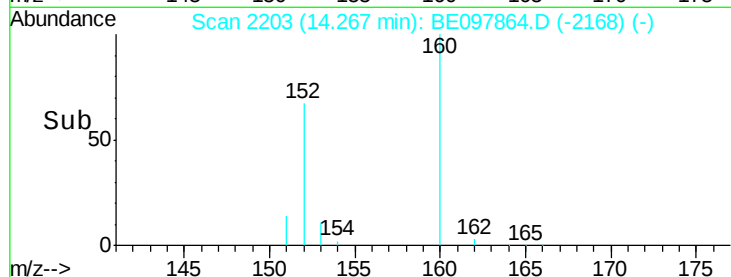
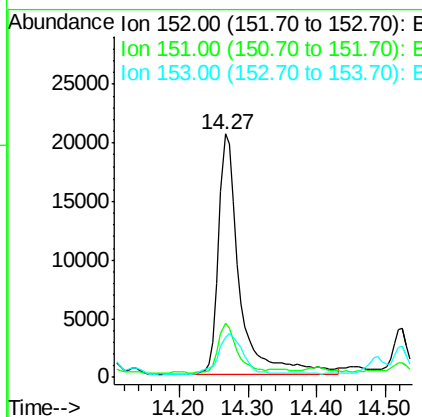
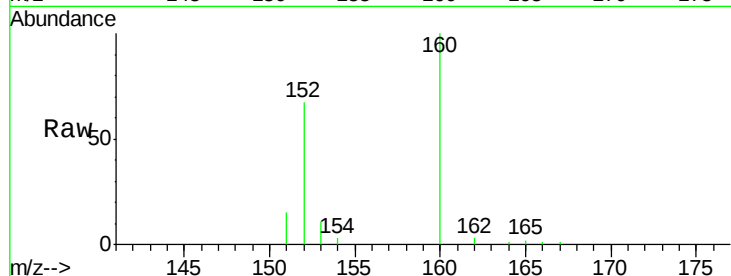
ClientSampleId :

JLC34

Tgt Ion:	152	Resp:	44075
Ion Ratio	Lower	Upper	
152	100		
151	22.2	15.0	22.6
153	16.6	10.5	15.7#

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#8

Acenaphthene

Concen: 3.507 ng/ul

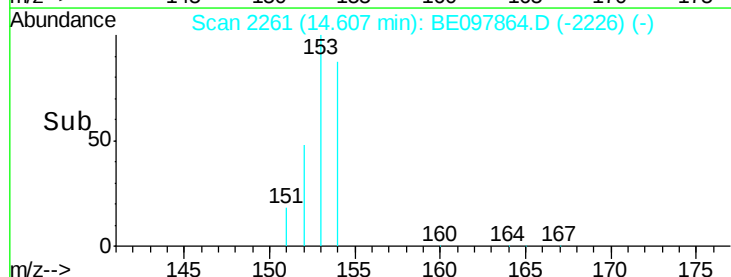
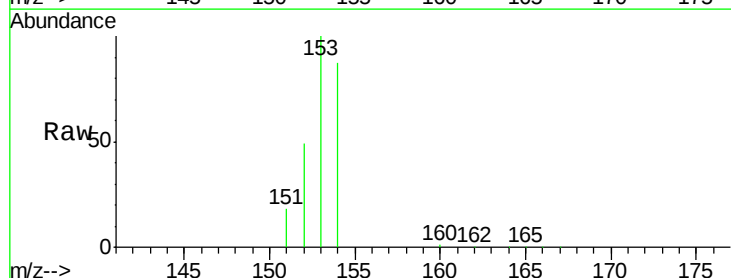
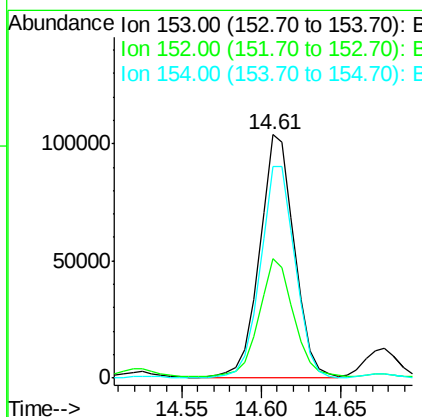
RT: 14.61 min Scan# 2261

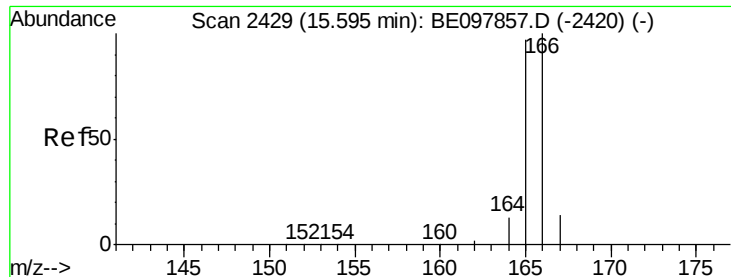
Delta R.T. 0.01 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Tgt Ion:	153	Resp:	156339
Ion Ratio	Lower	Upper	
153	100		
152	48.9	41.2	61.8
154	87.2	68.6	103.0





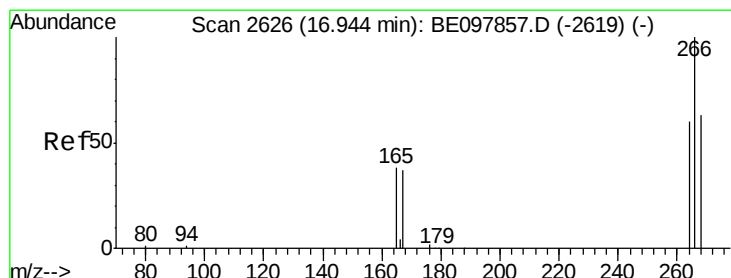
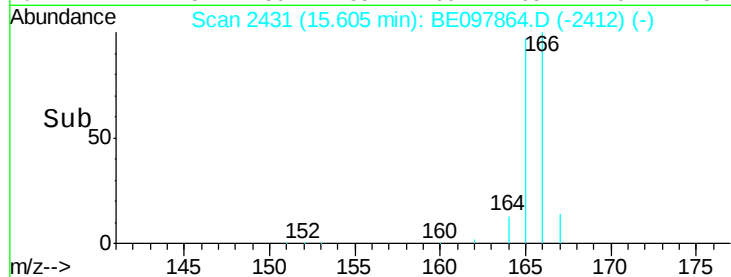
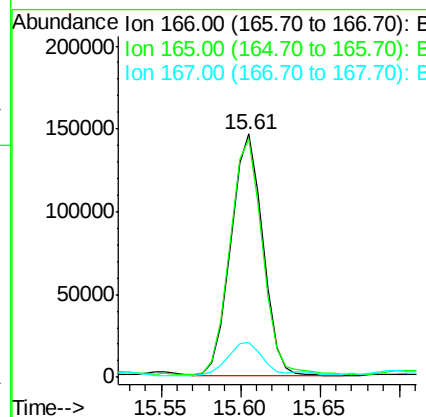
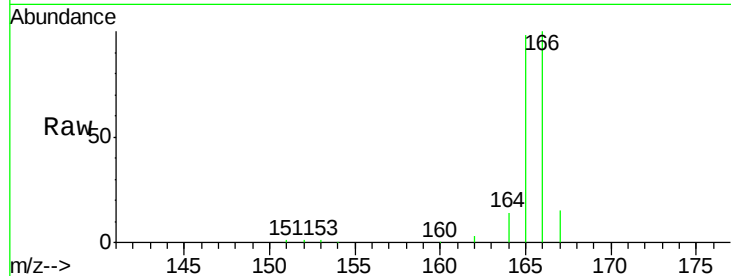
#9
Fluorene
 Concen: 3.498 ng/ul
 RT: 15.61 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BE097864.D
 Acq: 11 Oct 2018 19:18

Instrument :
 BNA_E
 ClientSampleId :
 JLC34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.2	118.8
167	14.5	11.3	16.9

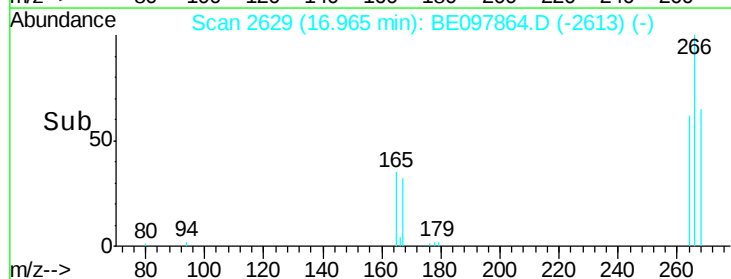
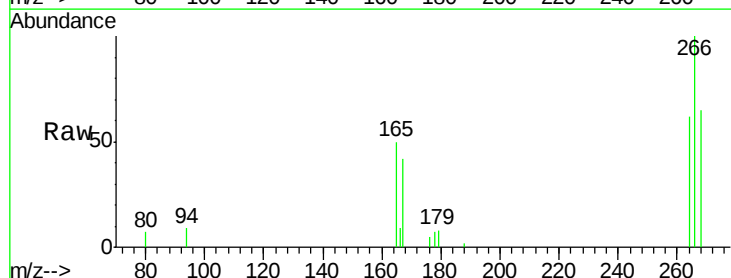
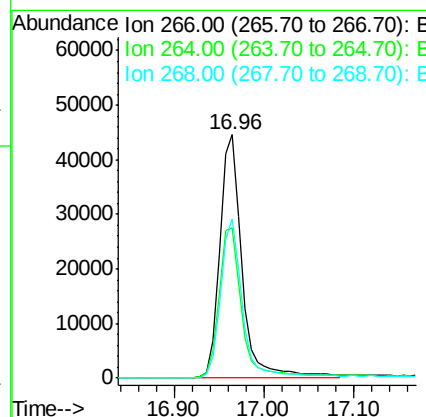
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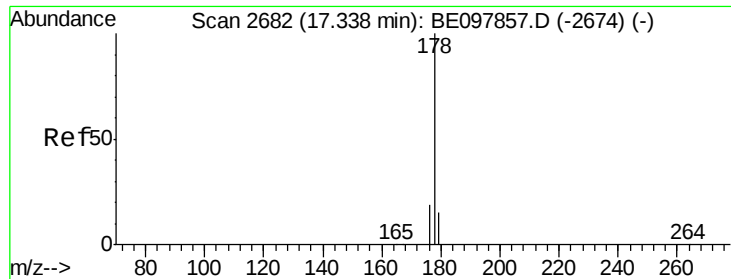
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#11
Pentachlorophenol
 Concen: 16.964 ng/ul m
 RT: 16.96 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BE097864.D
 Acq: 11 Oct 2018 19:18

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





#12

Phenanthrene

Concen: 63.299 ng/ul m

RT: 17.36 min Scan# 2685

Delta R.T. 0.02 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Instrument :

BNA_E

ClientSampleId :

JLC34

Tgt Ion:178 Resp: 4735557

Ion Ratio Lower Upper

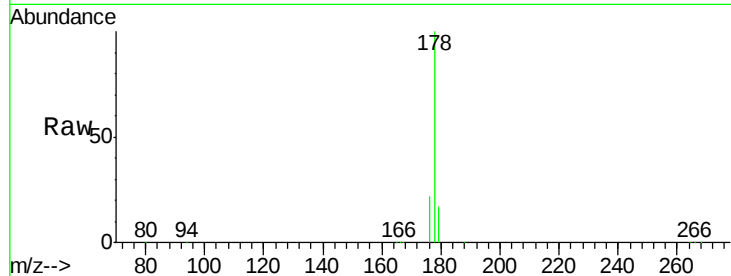
178 100

179 17.2 12.8 19.2

176 21.9 14.9 22.3

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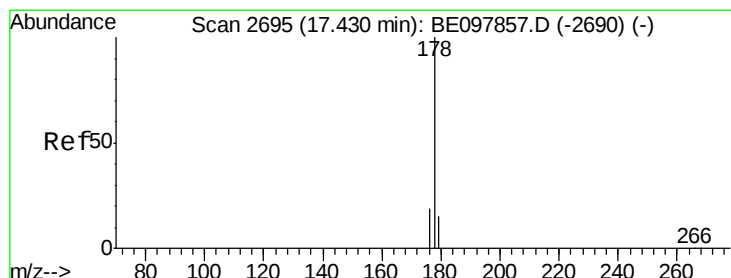
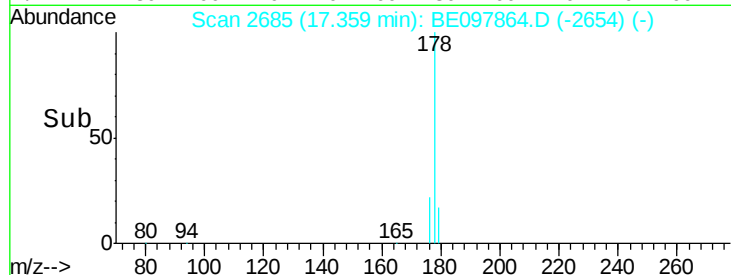
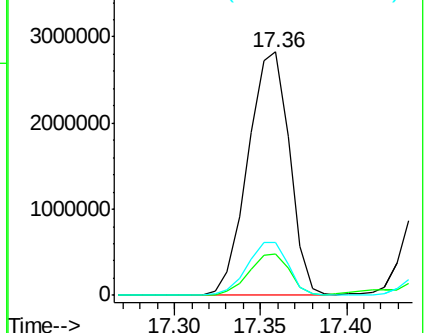
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 23.412 ng/ul m

RT: 17.44 min Scan# 2697

Delta R.T. 0.01 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Tgt Ion:178 Resp: 1623020

Ion Ratio Lower Upper

178 100

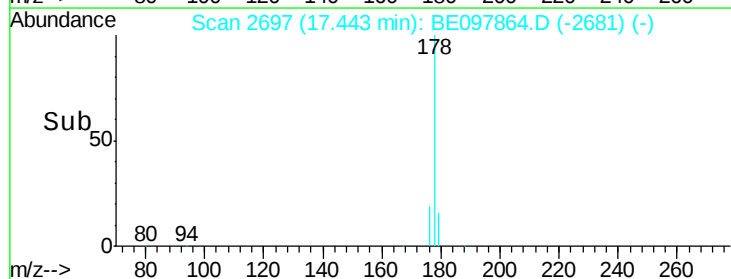
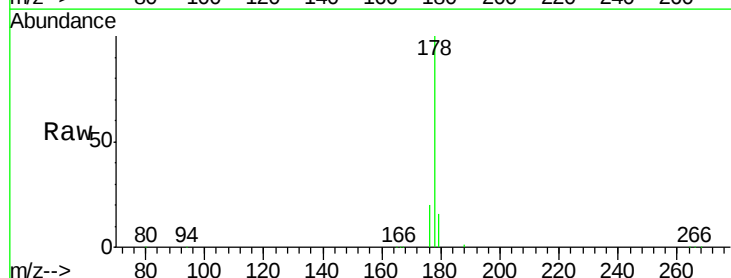
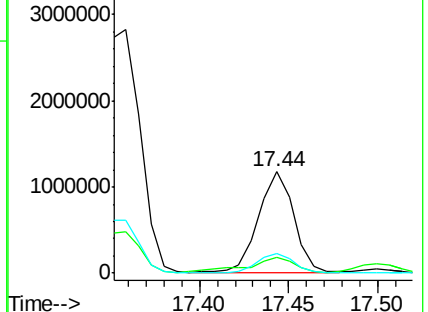
179 16.1 12.9 19.3

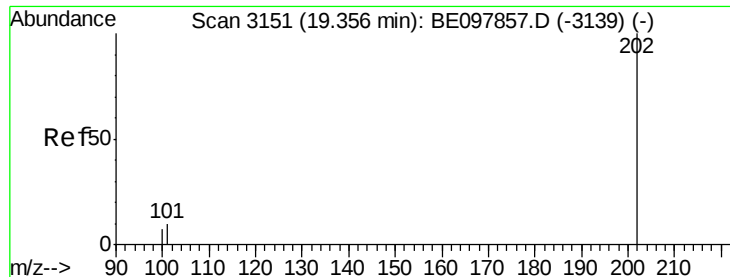
176 19.7 15.5 23.3

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: 114.401 ng/ul m

RT: 19.39 min Scan# 3161

Delta R.T. 0.04 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Instrument :

BNA_E

ClientSampleId :

JLC34

Tgt Ion:202 Resp:10991568

Ion Ratio Lower Upper

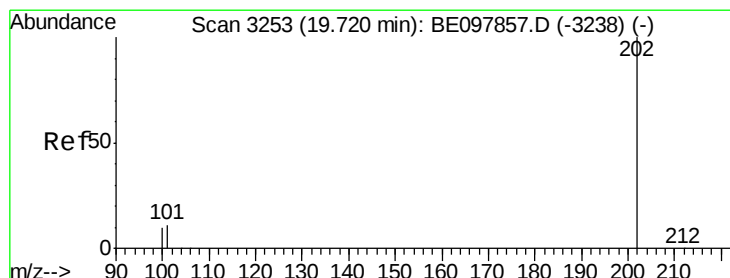
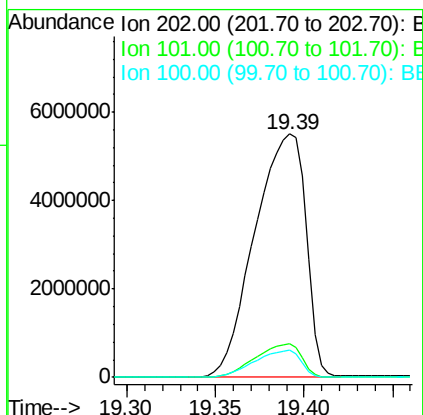
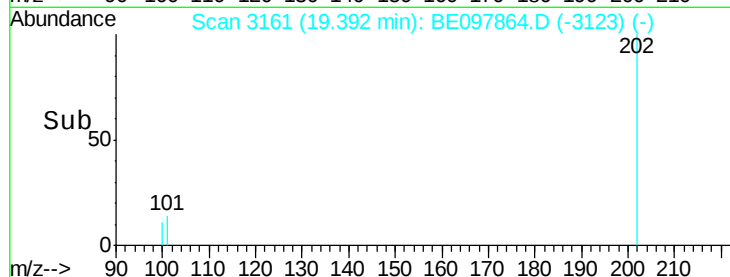
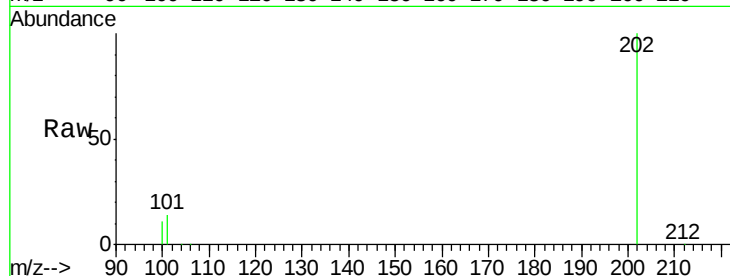
202 100

101 13.8 0.0 29.3

100 11.1 0.0 27.5

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#17

Pyrene

Concen: 177.392 ng/ul

RT: 19.76 min Scan# 3264

Delta R.T. 0.04 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

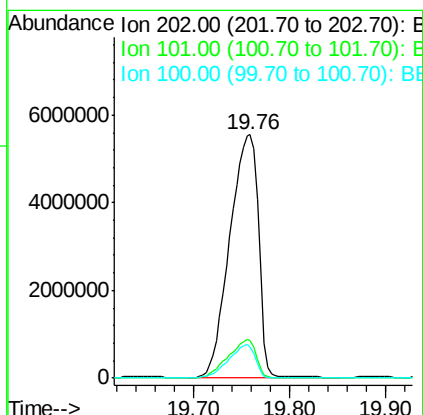
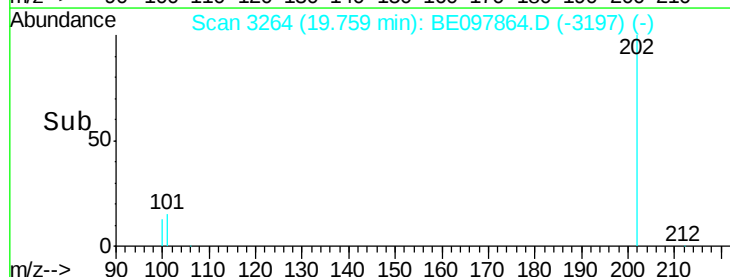
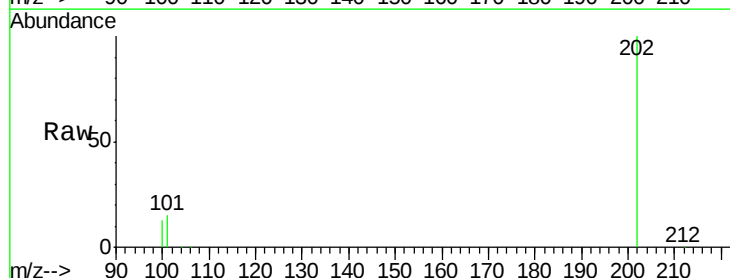
Tgt Ion:202 Resp:14103511

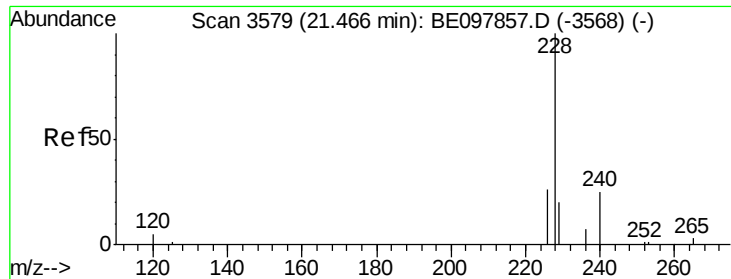
Ion Ratio Lower Upper

202 100

101 15.4 8.8 13.2#

100 13.0 7.9 11.9#





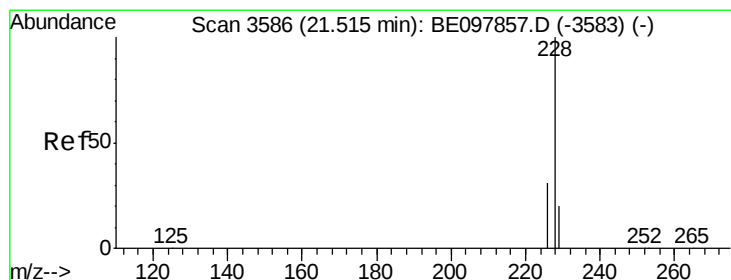
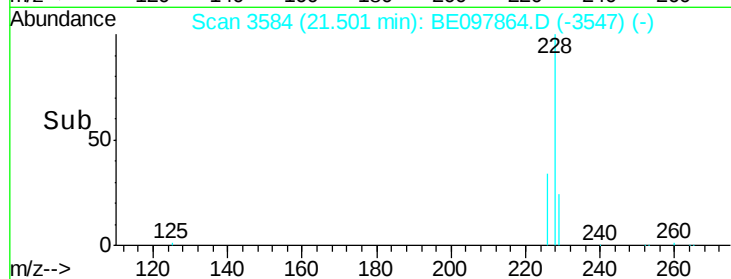
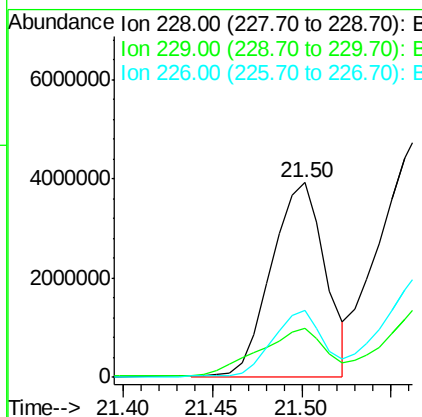
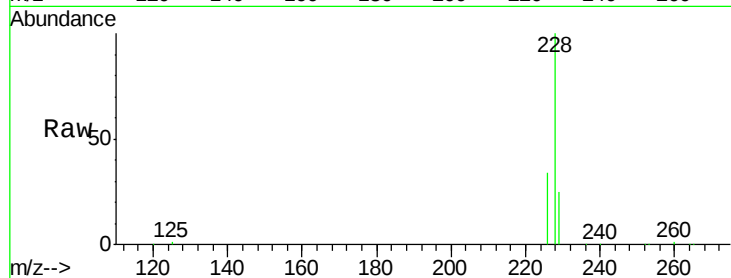
#18
Benzo(a)anthracene
Concen: 103.040 ng/ul m
RT: 21.50 min Scan# 3584
Delta R.T. 0.04 min
Lab File: BE097864.D
Acq: 11 Oct 2018 19:18

Instrument :
BNA_E
ClientSampleId :
JLC34

Tgt Ion:228 Resp: 8314561
Ion Ratio Lower Upper
228 100
229 25.3 16.4 24.6#
226 34.3 21.5 32.3#

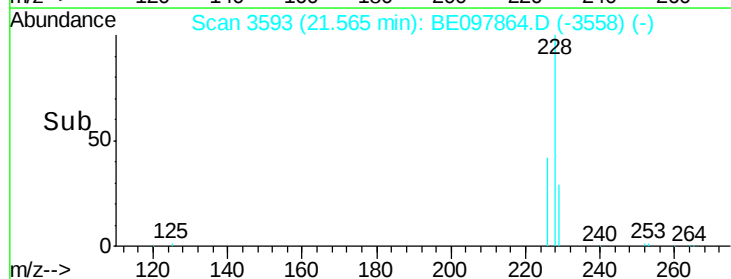
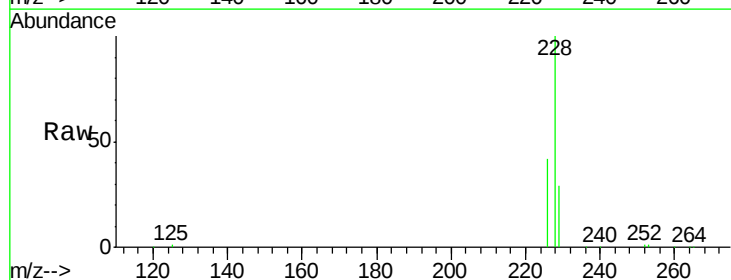
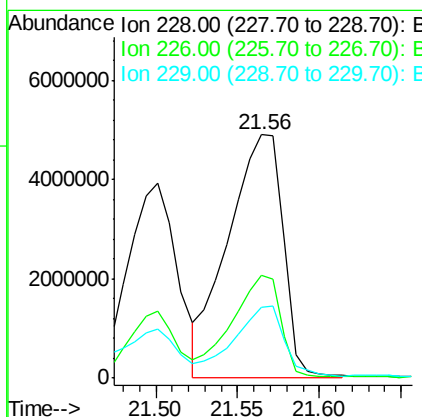
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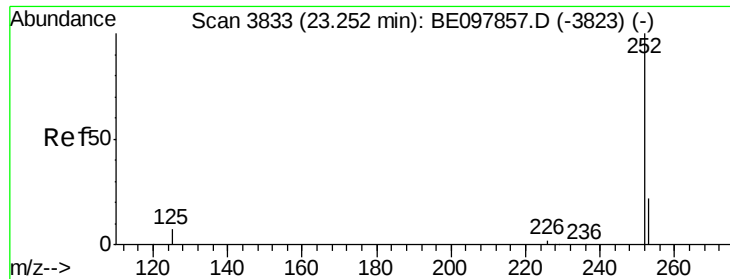
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#19
Chrysene
Concen: 159.392 ng/ul m
RT: 21.56 min Scan# 3593
Delta R.T. 0.05 min
Lab File: BE097864.D
Acq: 11 Oct 2018 19:18

Tgt Ion:228 Resp:11556173
Ion Ratio Lower Upper
228 100
226 42.0 23.0 34.4#
229 29.3 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 158.952 ng/ul m

RT: 23.34 min Scan# 3846

Delta R.T. 0.10 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Instrument :

BNA_E

ClientSampleId :

JLC34

Tgt Ion:252 Resp:13708942

Ion Ratio Lower Upper

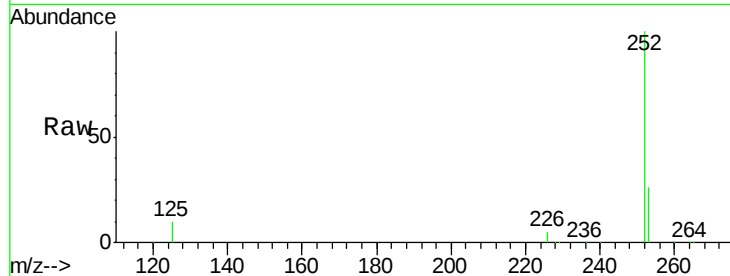
252 100

253 26.5 0.0 47.0

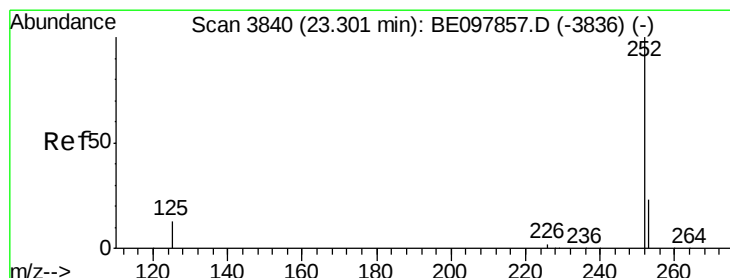
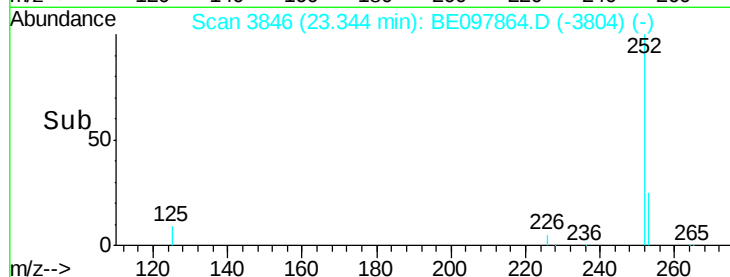
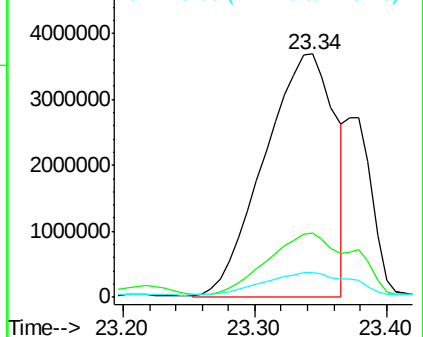
125 10.0 0.0 18.2

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Abundance Ion 252.00 (251.70 to 252.70): E
5000000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 41.078 ng/ul m

RT: 23.38 min Scan# 3851

Delta R.T. 0.08 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

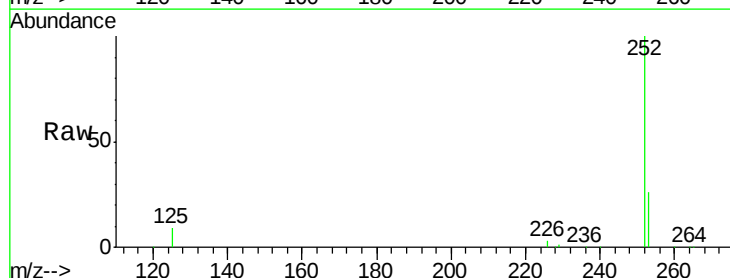
Tgt Ion:252 Resp: 3792290

Ion Ratio Lower Upper

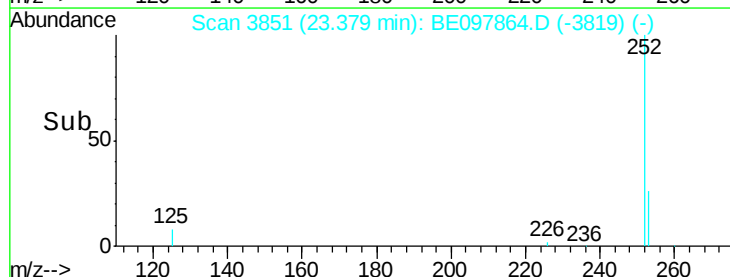
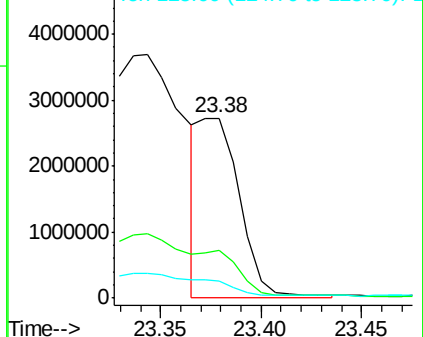
252 100

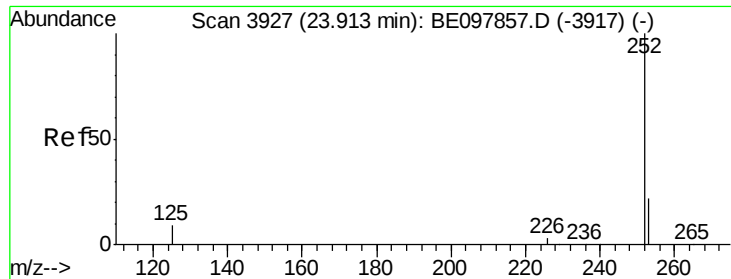
253 26.2 17.8 26.6

125 9.2 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E
5000000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 76.286 ng/ul m

RT: 24.01 min Scan# 3941

Delta R.T. 0.10 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Instrument :

BNA_E

ClientSampleId :

JLC34

Tgt Ion:252 Resp: 6459544

Ion Ratio Lower Upper

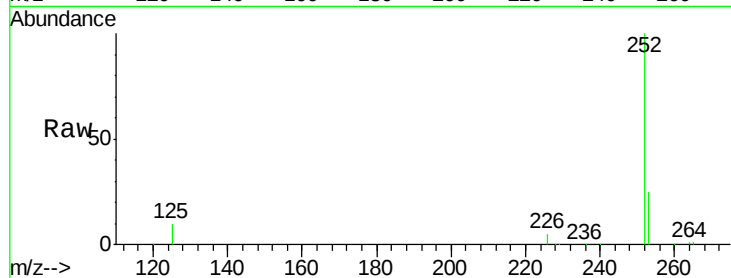
252 100

253 24.9 18.2 27.4

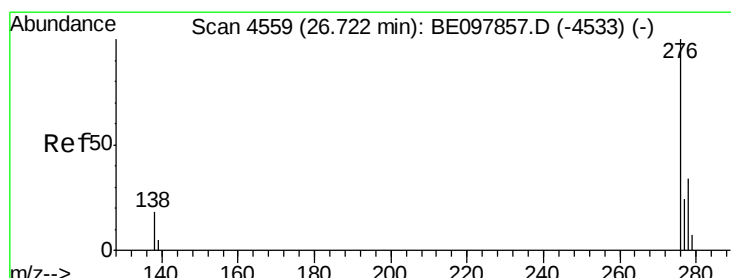
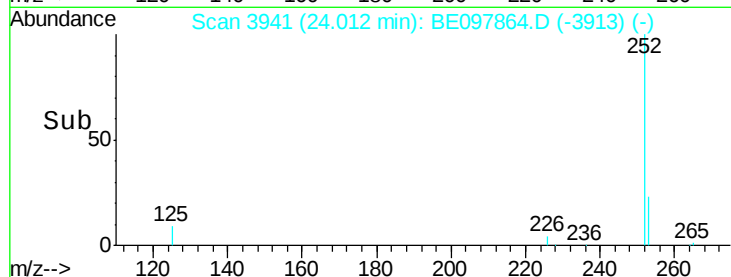
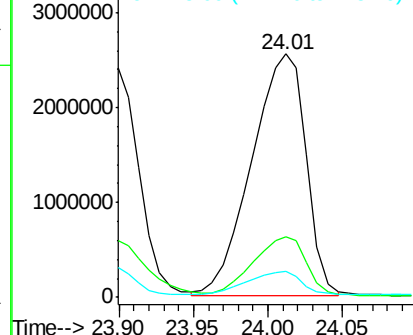
125 10.5 8.3 12.5

Manual Integrations
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Sohil
10/12/2018 6:34:54 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 50.525 ng/ul

RT: 26.86 min Scan# 4598

Delta R.T. 0.15 min

Lab File: BE097864.D

Acq: 11 Oct 2018 19:18

Tgt Ion:276 Resp: 4856706

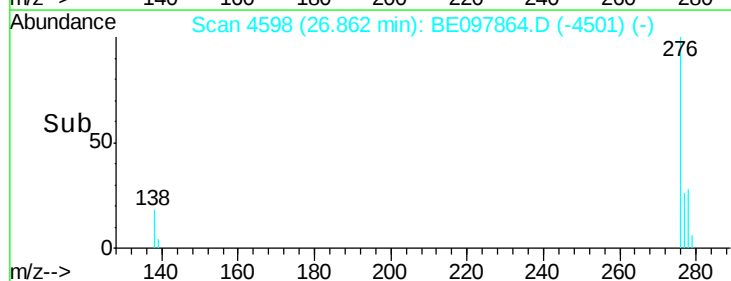
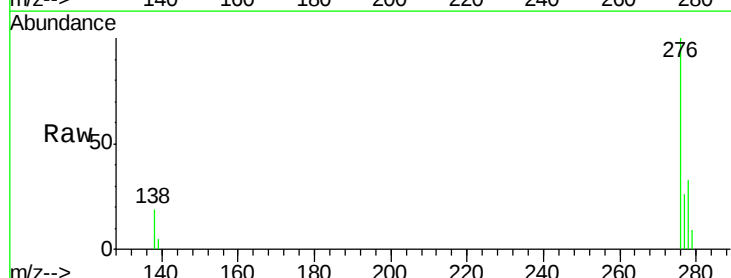
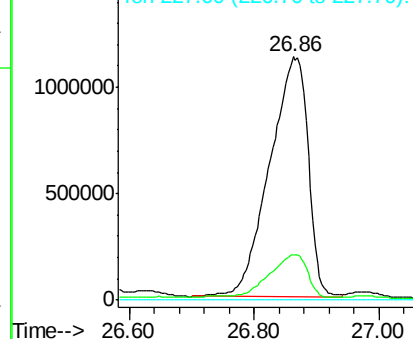
Ion Ratio Lower Upper

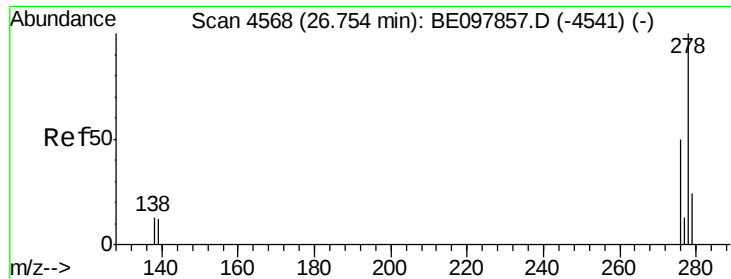
276 100

138 17.5 0.0 0.0#

227 0.0 0.0 0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





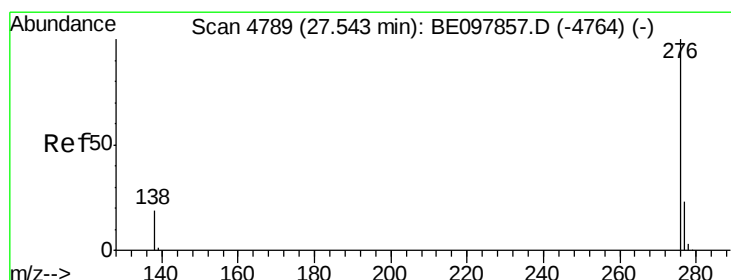
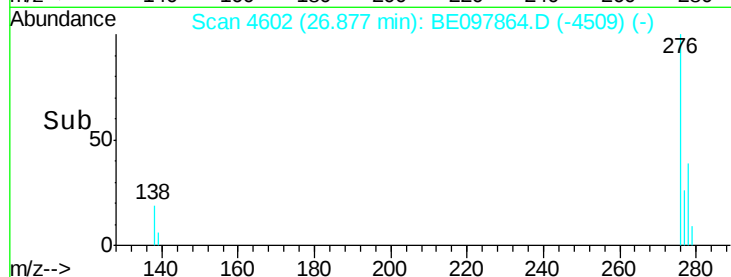
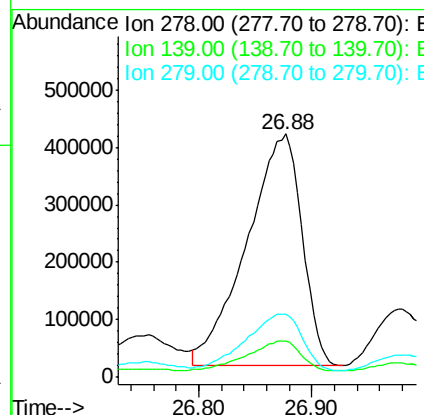
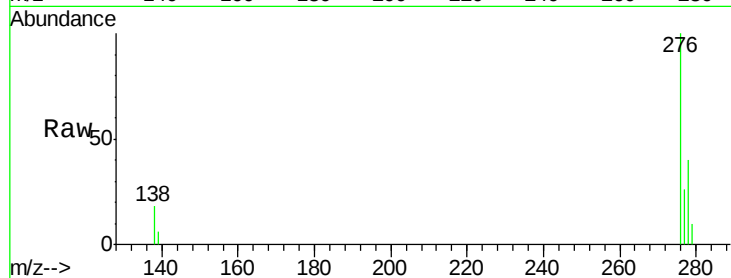
#25
Dibenzo(a,h)anthracene
Concen: 17.274 ng/ul
RT: 26.88 min Scan# 4602
Delta R.T. 0.13 min
Lab File: BE097864.D
Acq: 11 Oct 2018 19:18

Instrument :
BNA_E
ClientSampled :
JLC34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	10.9	16.3
279	26.1	18.8	28.2

Manual Integrations
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Sohil
10/12/2018 6:34:54 PM



#26
Benzo(g,h,i)perylene
Concen: 51.409 ng/ul
RT: 27.71 min Scan# 4836
Delta R.T. 0.17 min
Lab File: BE097864.D
Acq: 11 Oct 2018 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	14.3	21.5
277	24.7	19.5	29.3

