

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
 Data File : BE097892.D
 Acq On : 12 Oct 2018 23:06
 Operator : SJ/JU
 Sample : J5183-18DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC31DL

Manual Integrations
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Quant Time: Oct 13 04:05:32 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	7.89	152	2136	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10829	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	7108	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	16567	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	17064	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	17918	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	634	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	1803	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	4181	0.159	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	1576	0.083	ng/ul	99
7) Acenaphthylene	14.27	152	2841	0.106	ng/ul#	85
8) Acenaphthene	14.62	153	5345	0.256	ng/ul	98
9) Fluorene	15.61	166	5541	0.203	ng/ul	98
11) Pentachlorophenol	16.99	266	190	0.081	ng/ul#	85
12) Phenanthrene	17.35	178	108113	2.757	ng/ul	98
13) Anthracene	17.44	178	22235	0.612	ng/ul	99
15) Fluoranthene	19.37	202	278122	5.522	ng/ul	97
17) Pyrene	19.74	202	285971	5.626	ng/ul	98
18) Benzo(a)anthracene	21.48	228	236500	4.584	ng/ul	97
19) Chrysene	21.54	228	371100	8.005	ng/ul	96
21) Benzo(b)fluoranthene	23.29	252	428755m	8.953	ng/ul	
22) Benzo(k)fluoranthene	23.34	252	108856m	2.124	ng/ul	
23) Benzo(a)pyrene	23.95	252	181882	3.868	ng/ul#	97
24) Indeno(1,2,3-cd)pyrene	26.79	276	172941	3.240	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.81	278	46036	1.044	ng/ul#	85
26) Benzo(g,h,i)perylene	27.63	276	205473	4.418	ng/ul	98

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

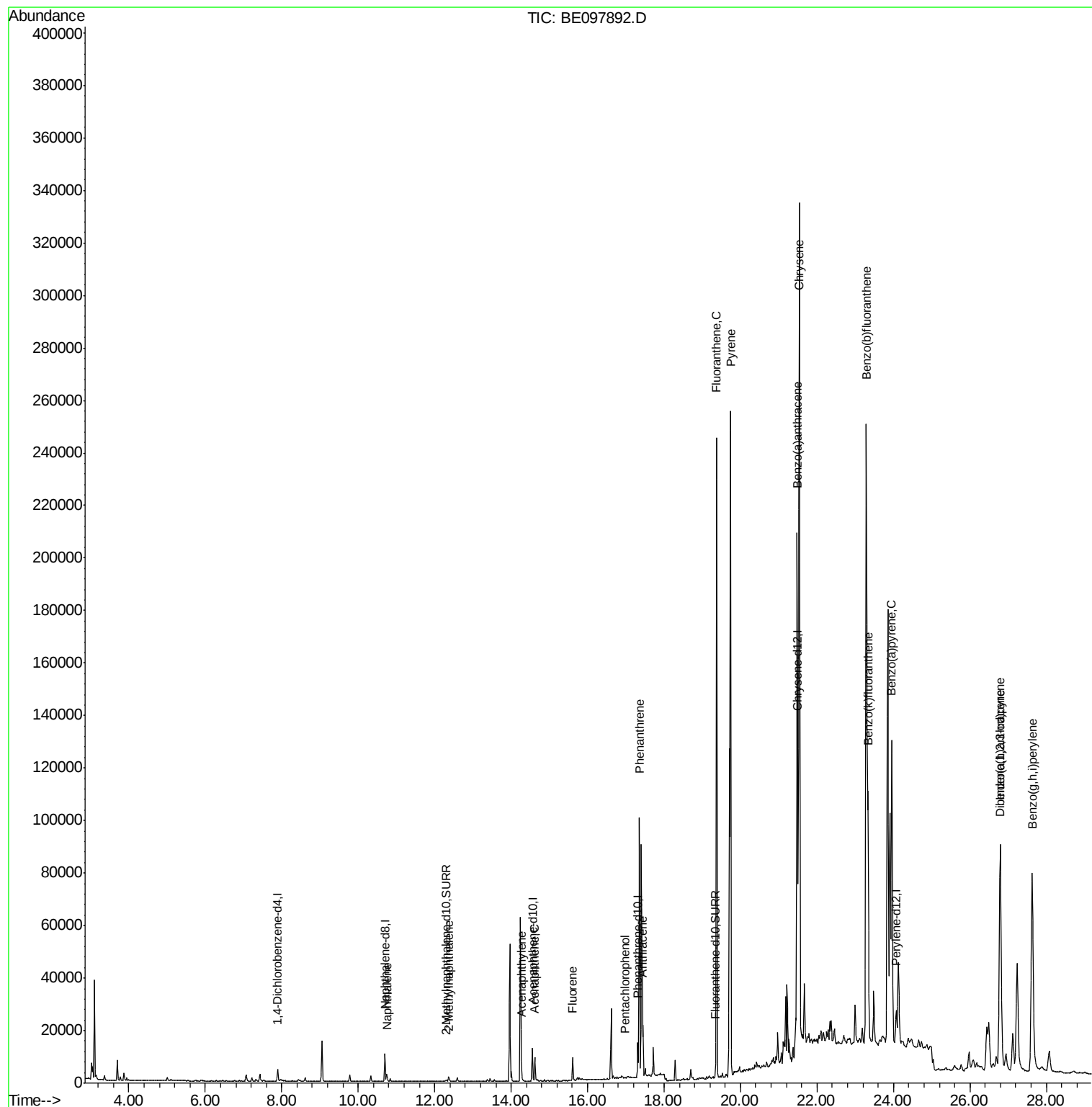
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
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ALS Vial : 14 Sample Multiplier: 1

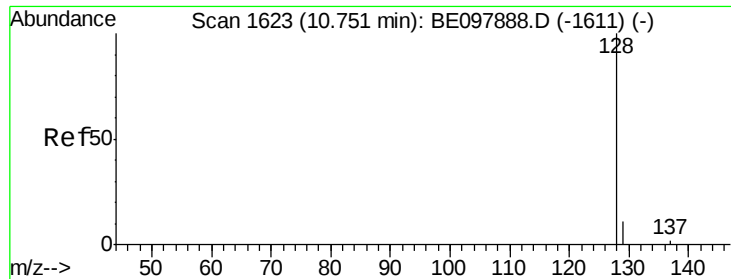
Instrument :
BNA_E
ClientSampled :
JLC31DL

Manual Integrations
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Quant Time: Oct 13 04:05:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.159 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Instrument :

BNA_E

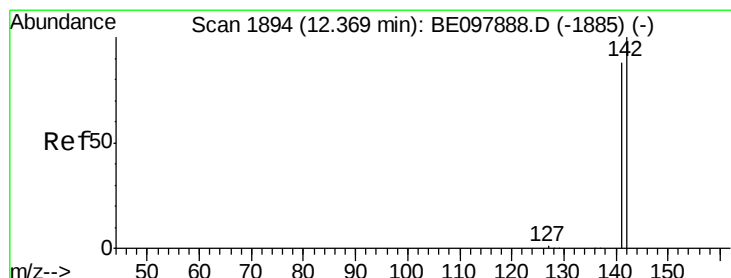
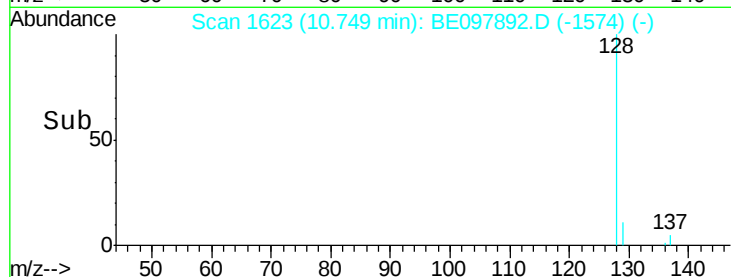
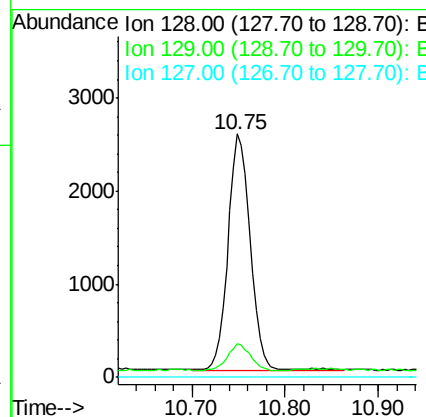
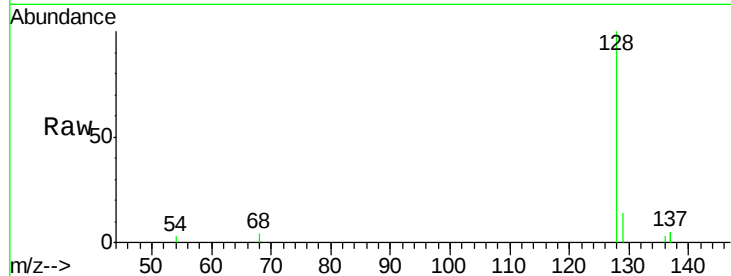
ClientSampleId :

JLC31DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.083 ng/ul

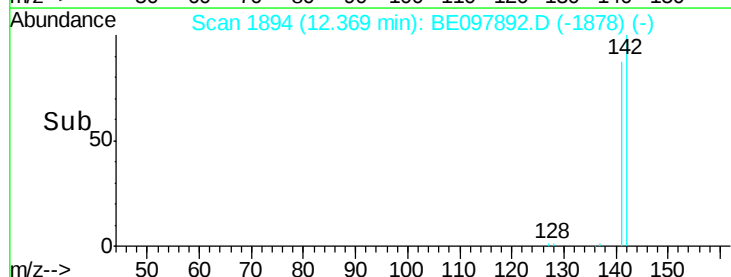
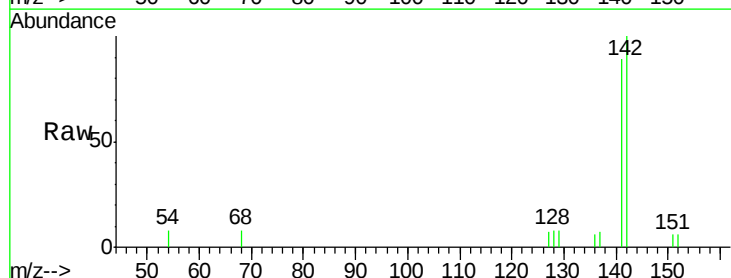
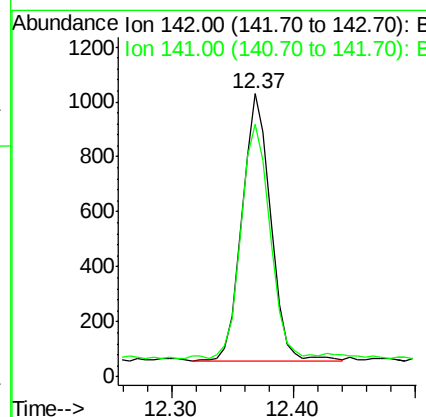
RT: 12.37 min Scan# 1894

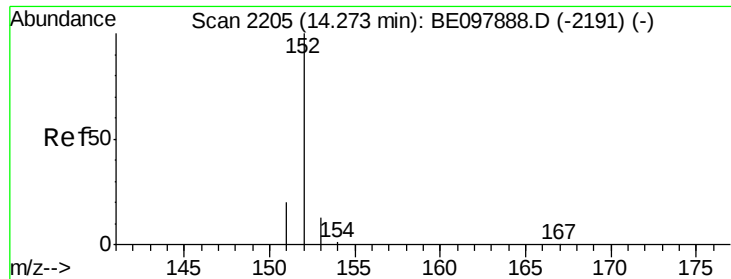
Delta R.T. 0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.6	107.4





#7

Acenaphthylene

Concen: 0.106 ng/u1

RT: 14.27 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Instrument :

BNA_E

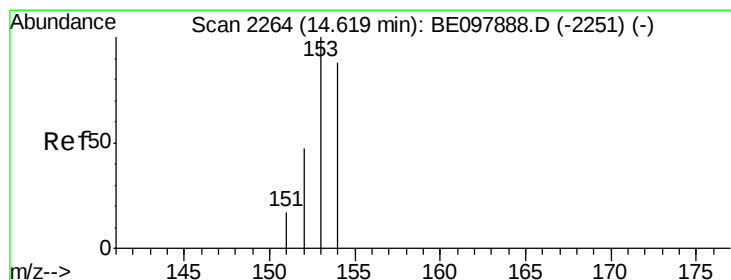
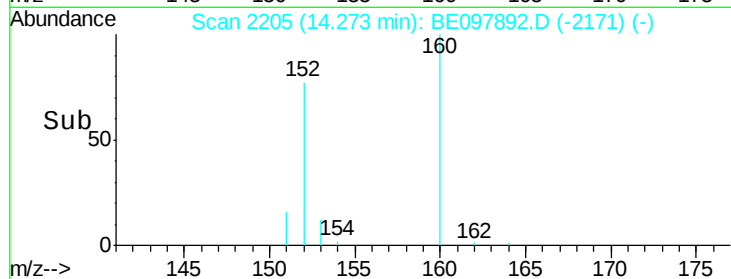
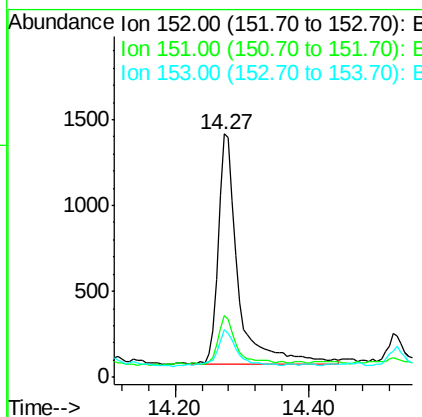
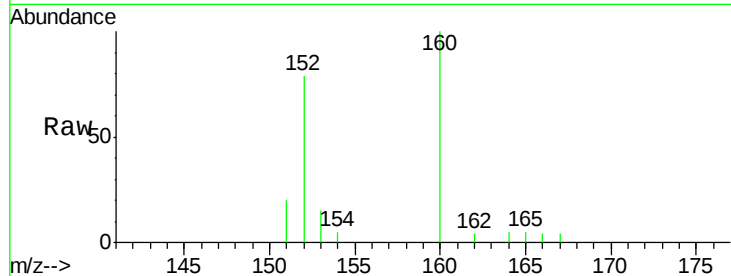
ClientSampleId :

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Tgt Ion:	152	Resp:	2841
Ion Ratio	Lower	Upper	
152	100		
151	25.2	15.0	22.6#
153	19.3	10.5	15.7#

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#8

Acenaphthene

Concen: 0.256 ng/u1

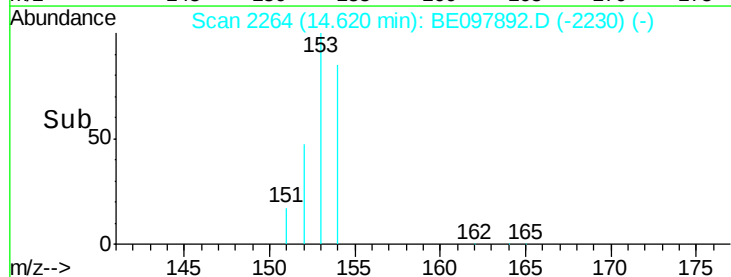
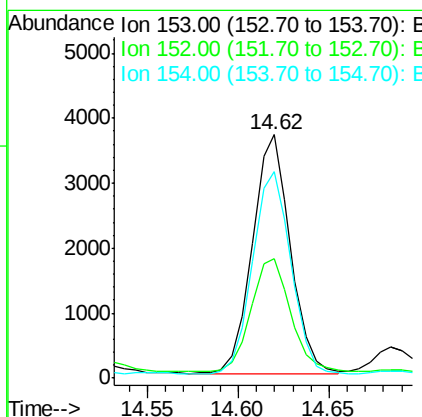
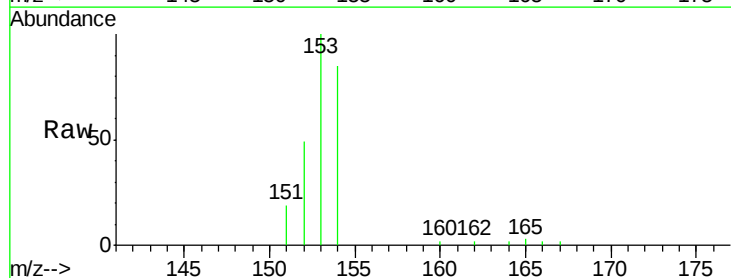
RT: 14.62 min Scan# 2264

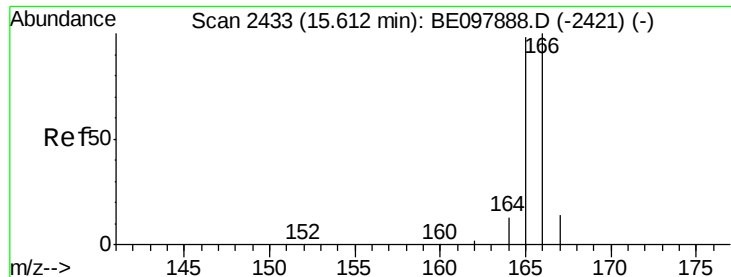
Delta R.T. 0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Tgt Ion:	153	Resp:	5345
Ion Ratio	Lower	Upper	
153	100		
152	49.1	41.2	61.8
154	84.9	68.6	103.0





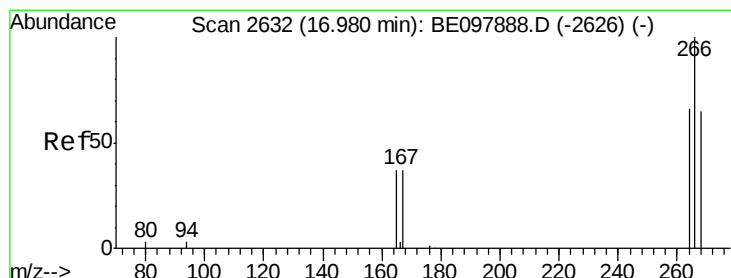
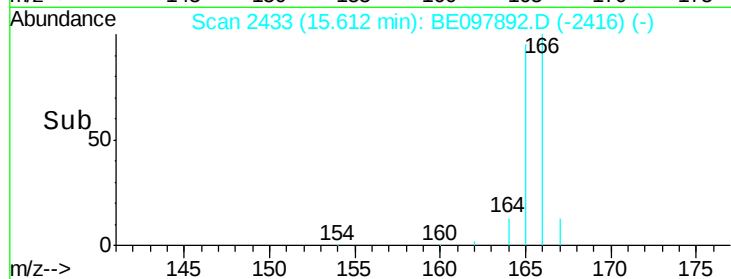
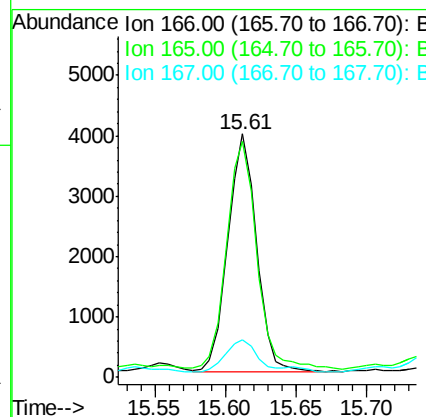
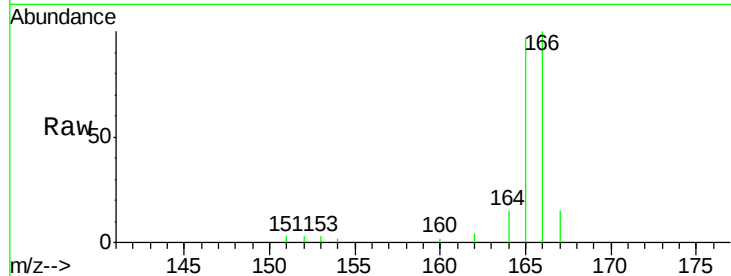
#9
Fluorene
 Concen: 0.203 ng/ul
 RT: 15.61 min Scan# 2433
 Delta R.T. 0.00 min
 Lab File: BE097892.D
 Acq: 12 Oct 2018 23:06

Instrument :
 BNA_E
 ClientSampleID :
 JLC31DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.2	118.8
167	15.2	11.3	16.9

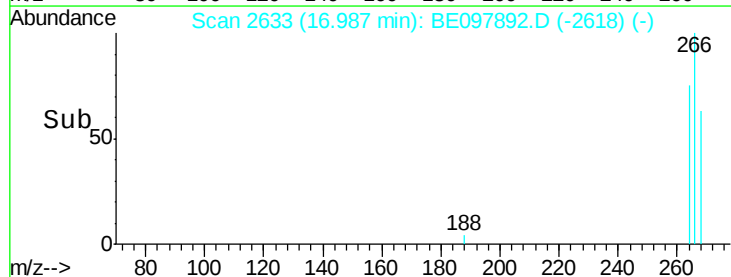
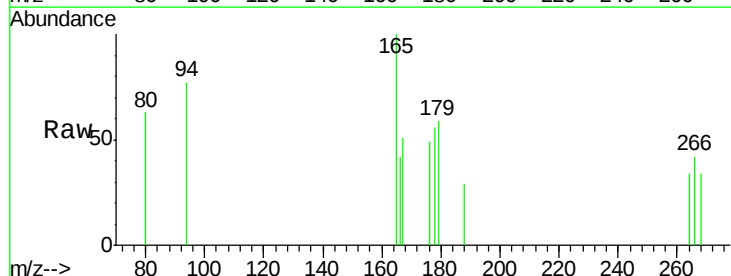
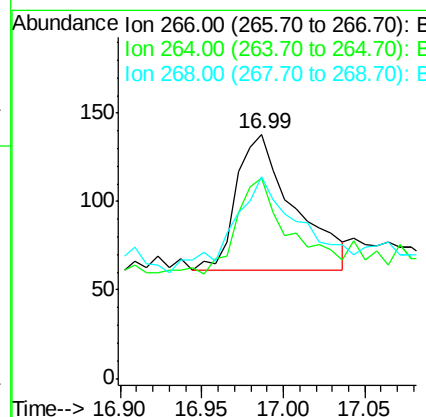
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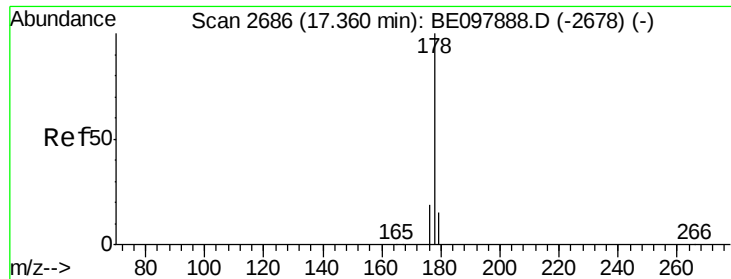
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#11
Pentachlorophenol
 Concen: 0.081 ng/ul
 RT: 16.99 min Scan# 2633
 Delta R.T. 0.01 min
 Lab File: BE097892.D
 Acq: 12 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.8	74.8
268	82.6	48.4	72.6





#12

Phenanthrene

Concen: 2.757 ng/ul

RT: 17.35 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Instrument :

BNA_E

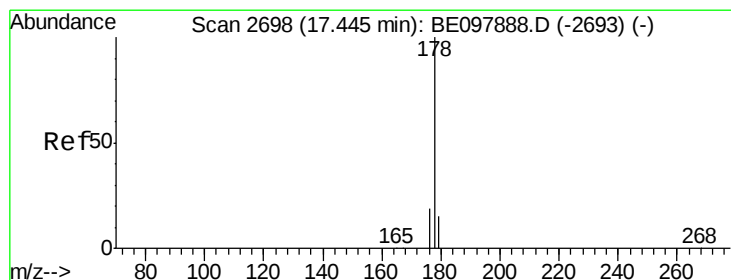
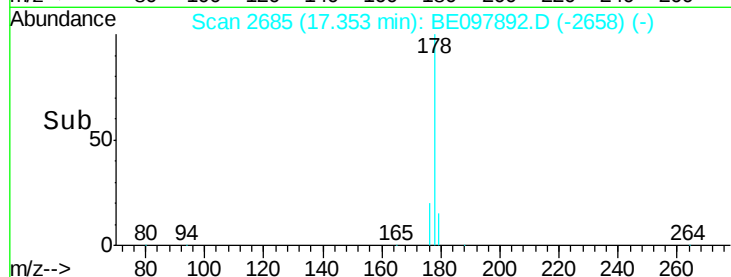
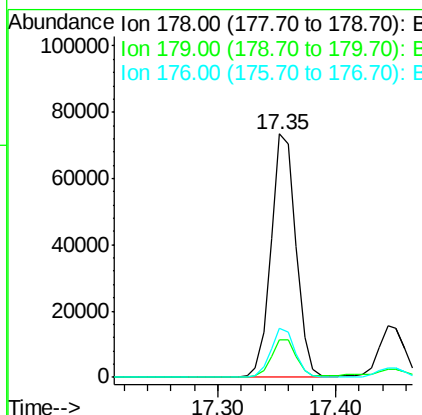
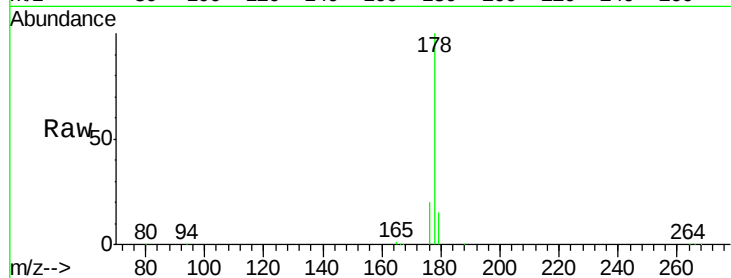
ClientSampleId :

JLC31DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	20.0	14.9	22.3

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#13

Anthracene

Concen: 0.612 ng/ul

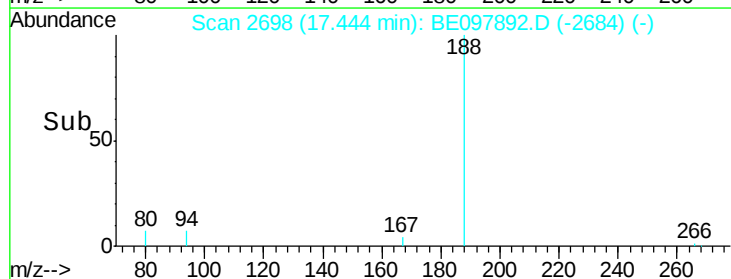
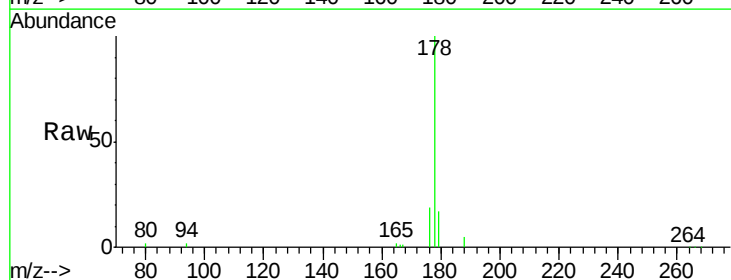
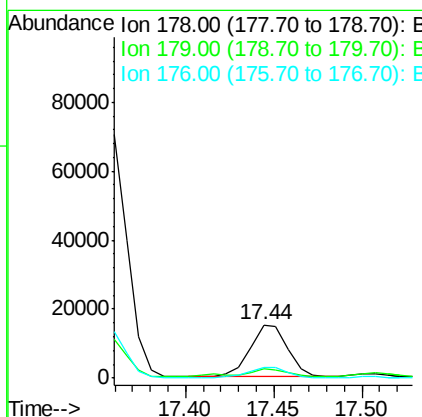
RT: 17.44 min Scan# 2698

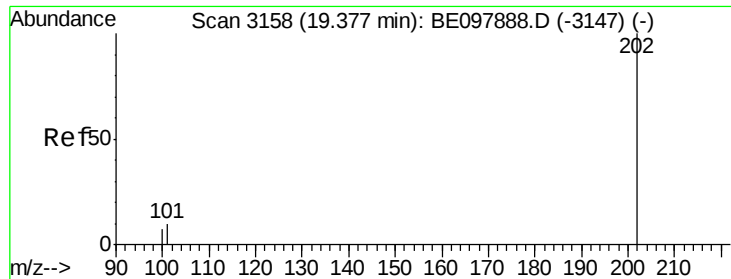
Delta R.T. -0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	19.3	15.5	23.3





#15

Fluoranthene

Concen: 5.522 ng/ul

RT: 19.37 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Instrument :

BNA_E

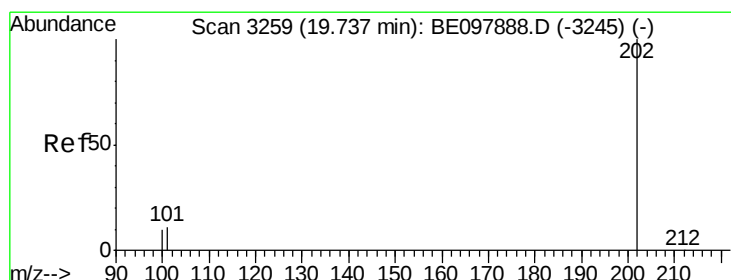
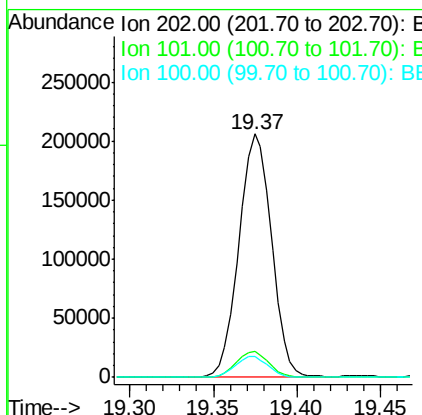
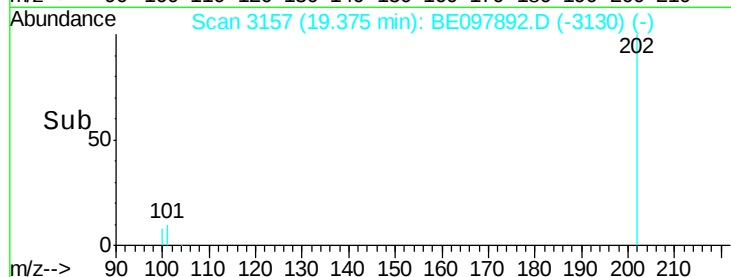
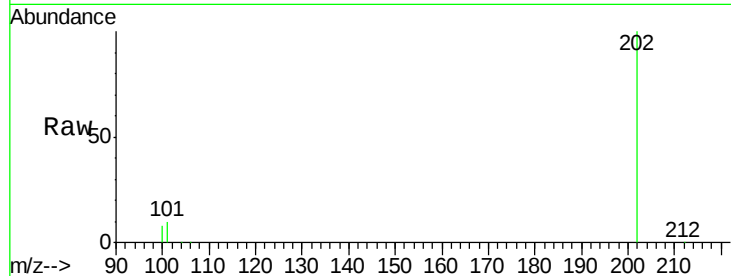
ClientSampleId :

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Tgt	Ion	202	Resp:	278122
Ion	Ratio	Lower	Upper	
202	100			
101	10.5	0.0	29.3	
100	8.4	0.0	27.5	

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#17

Pyrene

Concen: 5.626 ng/ul

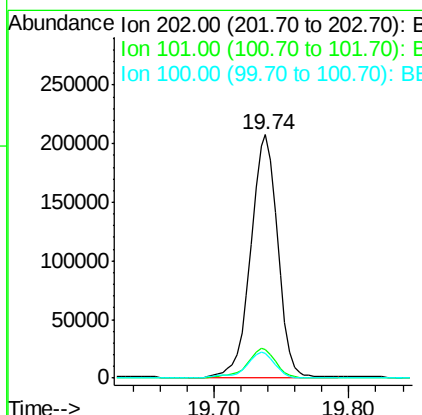
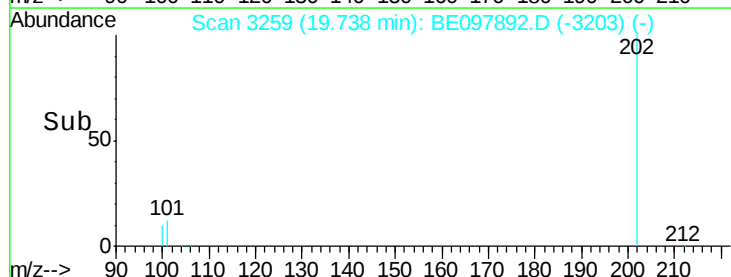
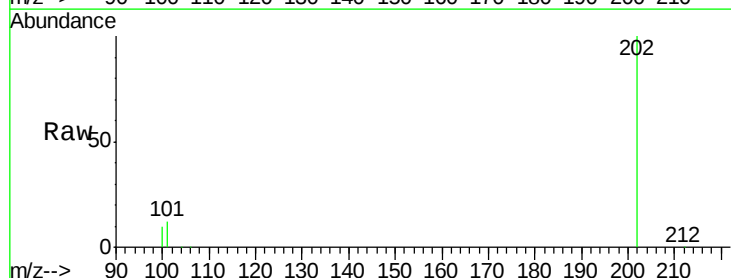
RT: 19.74 min Scan# 3259

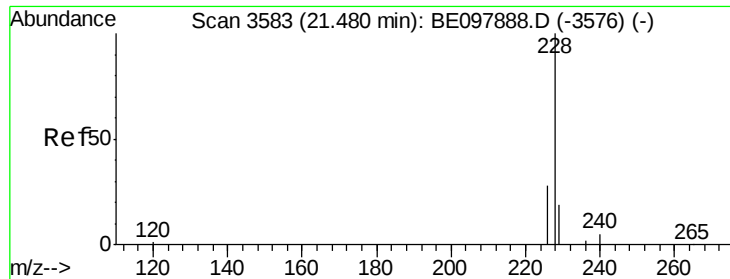
Delta R.T. 0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Tgt	Ion	202	Resp:	285971
Ion	Ratio	Lower	Upper	
202	100			
101	11.9	8.8	13.2	
100	10.2	7.9	11.9	





#18

Benzo(a)anthracene

Concen: 4.584 ng/ul

RT: 21.48 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Instrument :

BNA_E

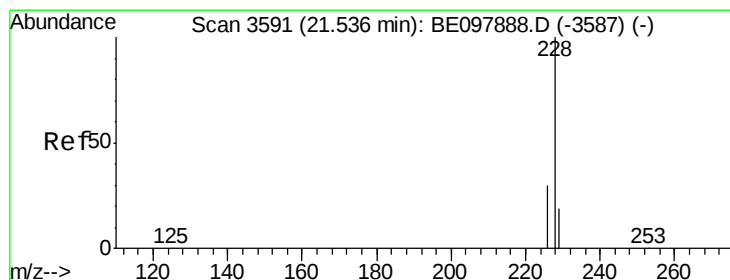
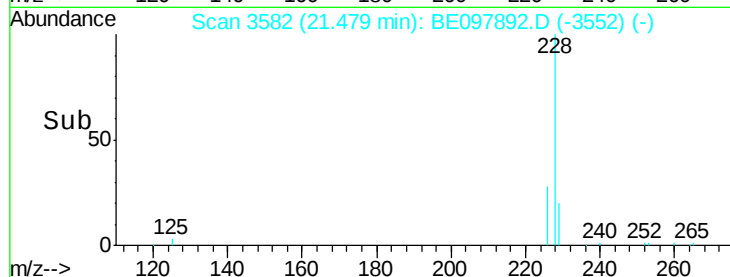
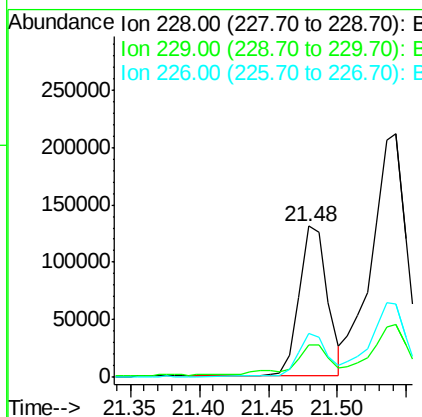
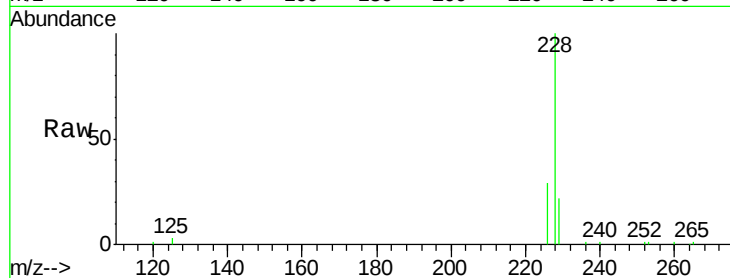
ClientSampleId :

JLC31DL

Tgt Ion:	228	Resp:	236500
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.4	24.6
226	28.7	21.5	32.3

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#19

Chrysene

Concen: 8.005 ng/ul

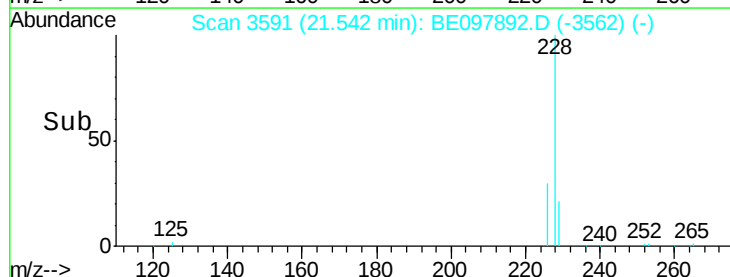
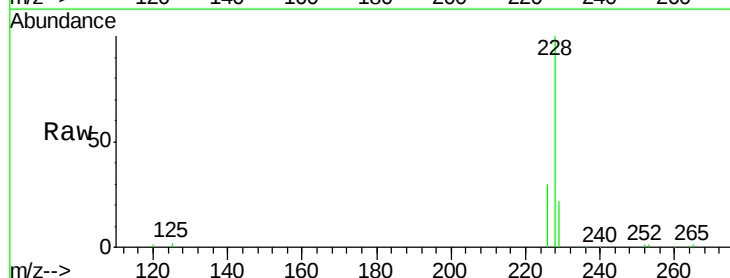
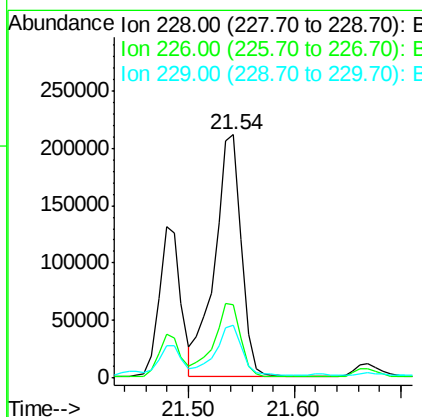
RT: 21.54 min Scan# 3591

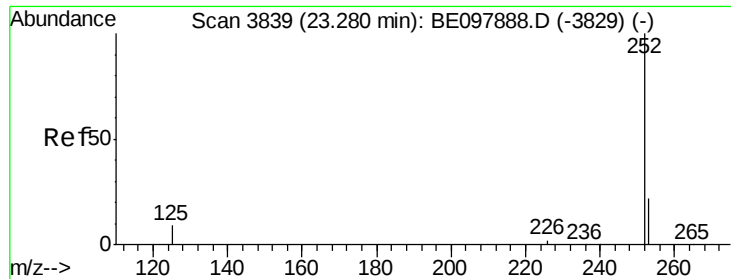
Delta R.T. 0.01 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Tgt Ion:	228	Resp:	371100
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.0	34.4
229	21.6	15.5	23.3





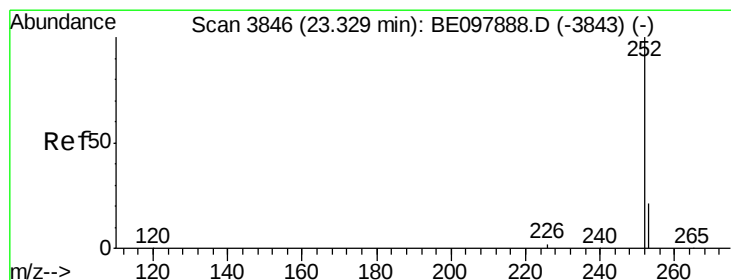
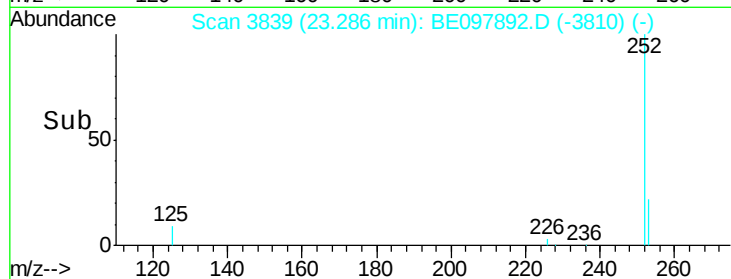
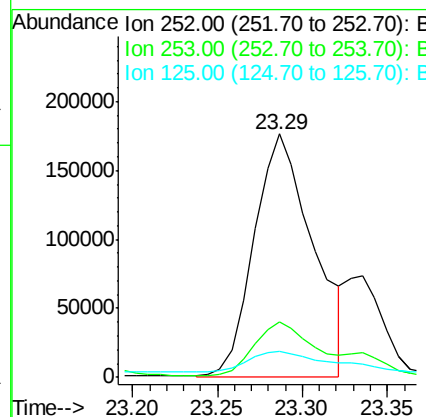
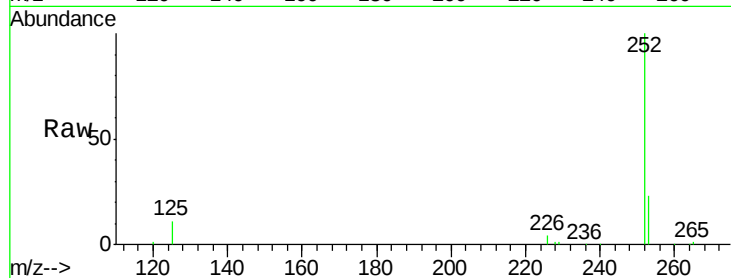
#21
Benzo(b)fluoranthene
Concen: 8.953 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BE097892.D
Acq: 12 Oct 2018 23:06

Instrument :
BNA_E
ClientSampleId :
JLC31DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	0.0	47.0
125	10.9	0.0	18.2

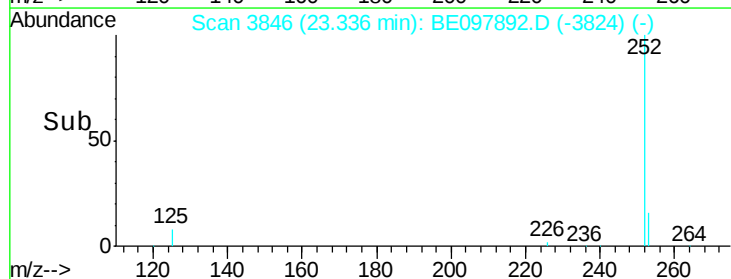
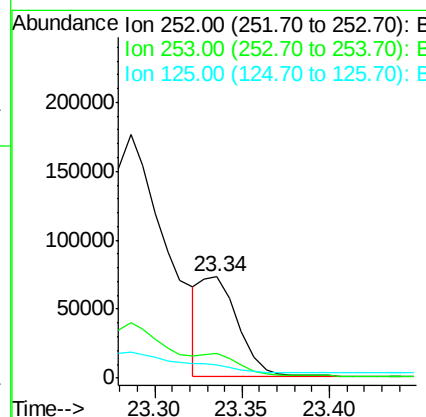
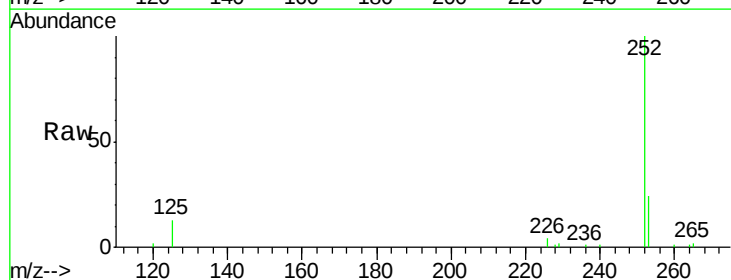
Manual Integrations
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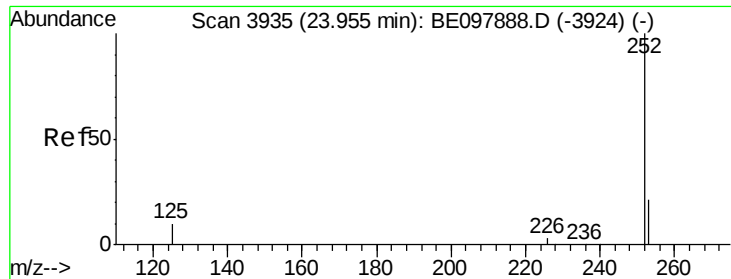
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#22
Benzo(k)fluoranthene
Concen: 2.124 ng/ul m
RT: 23.34 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BE097892.D
Acq: 12 Oct 2018 23:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.4	17.8	26.6
125	13.3	9.4	14.0





#23

Benzo(a)pyrene

Concen: 3.868 ng/ul

RT: 23.95 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

Instrument :

BNA_E

ClientSampleId :

JLC31DL

Tgt Ion: 252 Resp: 181882

Ion Ratio Lower Upper

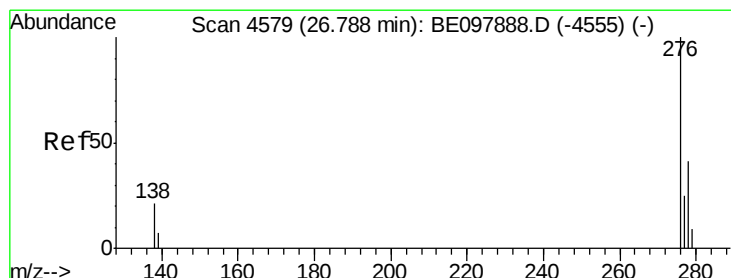
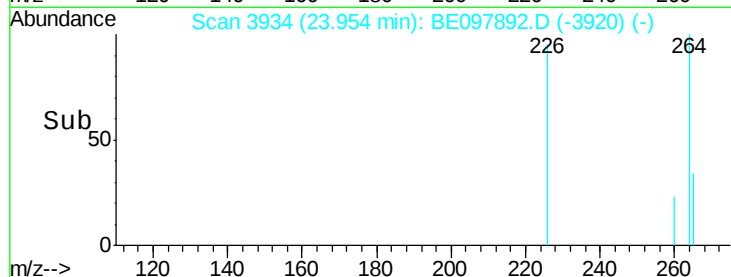
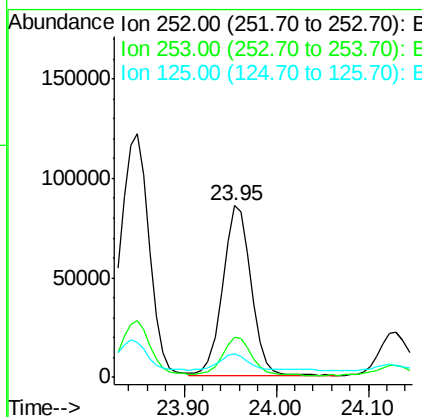
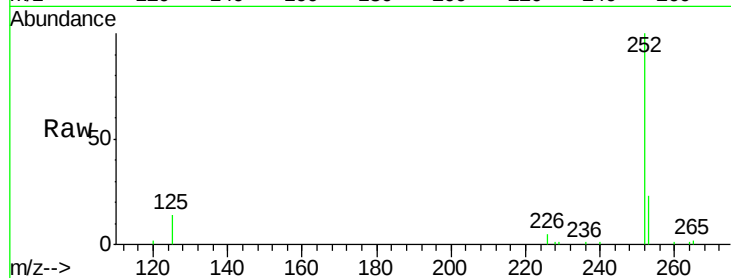
252 100

253 23.0 18.2 27.4

125 13.5 8.3 12.5#

Manual Integrations
APPROVED

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#24

Indeno(1,2,3-cd)pyrene

Concen: 3.240 ng/ul

RT: 26.79 min Scan# 4579

Delta R.T. 0.00 min

Lab File: BE097892.D

Acq: 12 Oct 2018 23:06

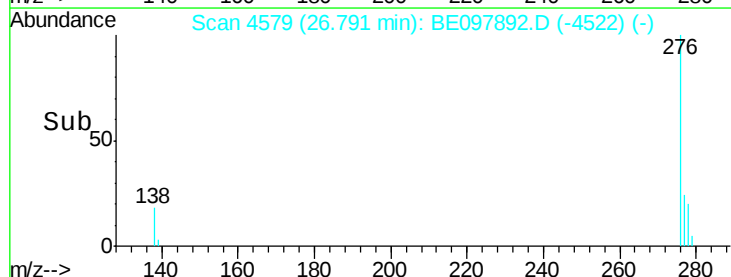
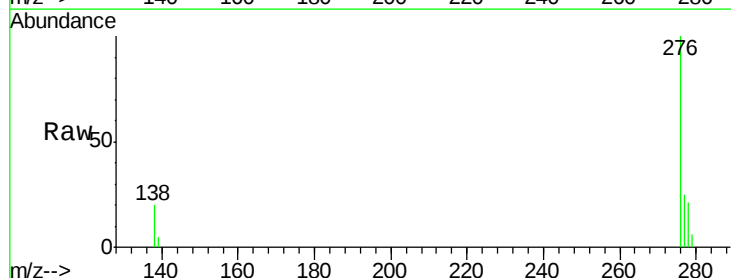
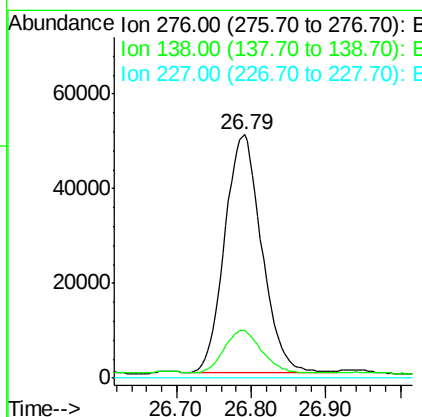
Tgt Ion: 276 Resp: 172941

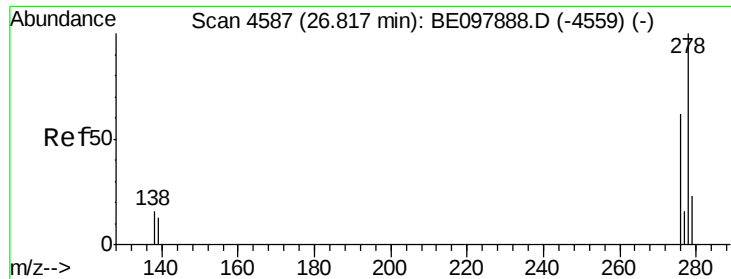
Ion Ratio Lower Upper

276 100

138 18.2 0.0 0.0#

227 0.0 0.0 0.0





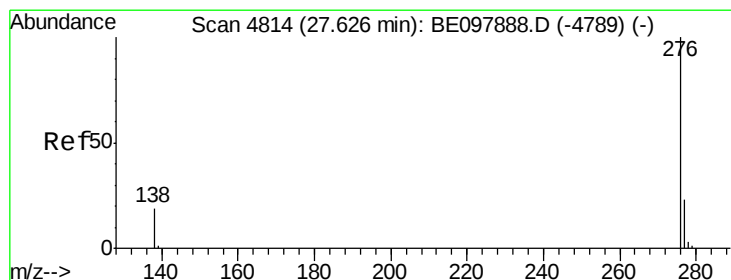
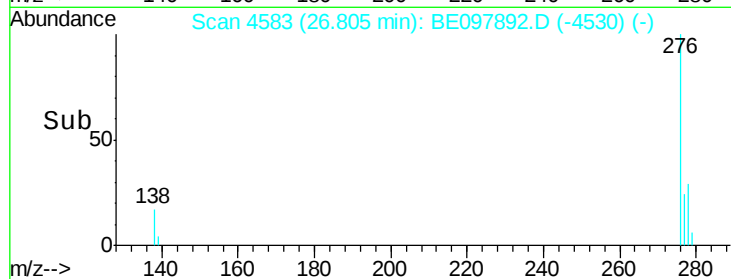
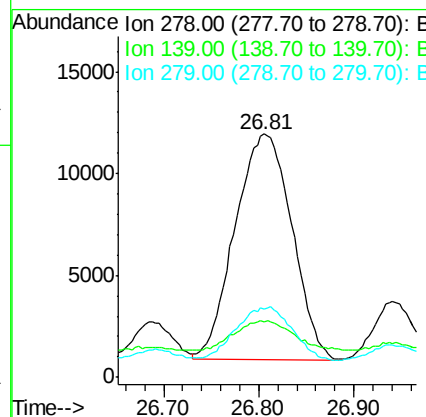
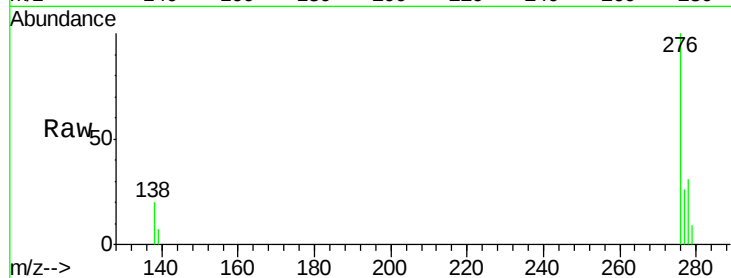
#25
Dibenzo(a,h)anthracene
Concen: 1.044 ng/ul
RT: 26.81 min Scan# 4583
Delta R.T. -0.01 min
Lab File: BE097892.D
Acq: 12 Oct 2018 23:06

Instrument :
BNA_E
ClientSampleId :
JLC31DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	10.9	16.3
279	28.2	18.8	28.2

Manual Integrations
APPROVED

Sohil
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#26
Benzo(g,h,i)perylene
Concen: 4.418 ng/ul
RT: 27.63 min Scan# 4815
Delta R.T. 0.01 min
Lab File: BE097892.D
Acq: 12 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	14.3	21.5
277	24.4	19.5	29.3

