

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097867.D
 Acq On : 11 Oct 2018 21:09
 Operator : SJ/JU
 Sample : J5183-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC50

Manual Integrations
 APPROVED

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 10/12/2018 6:34:57 PM

Quant Time: Oct 12 04:32:15 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 : 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	2704	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13601	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	9638	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.31	188	22714m	0.40	ng/ul	0.01
16) Chrysene-d12	21.50	240	22693m	0.40	ng/ul	0.02
20) Perylene-d12	24.06	264	21009m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6903	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	21854m	0.30	ng/ul	0.01
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	1352	0.041	ng/ul#	74
5) 2-Methylnaphthalene	12.36	142	781	0.033	ng/ul	99
8) Acenaphthene	14.61	153	632	0.022	ng/ul	93
11) Pentachlorophenol	16.97	266	306m	0.096	ng/ul	
12) Phenanthrene	17.35	178	26962	0.501	ng/ul	98
13) Anthracene	17.44	178	3383m	0.068	ng/ul	
15) Fluoranthene	19.37	202	101632m	1.472	ng/ul	
17) Pyrene	19.73	202	96133m	1.422	ng/ul	
18) Benzo(a)anthracene	21.47	228	50925m	0.742	ng/ul	
19) Chrysene	21.53	228	92901m	1.507	ng/ul	
21) Benzo(b)fluoranthene	23.27	252	132588m	2.361	ng/ul	
22) Benzo(k)fluoranthene	23.32	252	31767m	0.529	ng/ul	
23) Benzo(a)pyrene	23.95	252	50842m	0.922	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.76	276	46568m	0.744	ng/ul	
25) Dibenzo(a,h)anthracene	26.78	278	13998m	0.271	ng/ul	
26) Benzo(g,h,i)perylene	27.59	276	53254m	0.977	ng/ul	

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

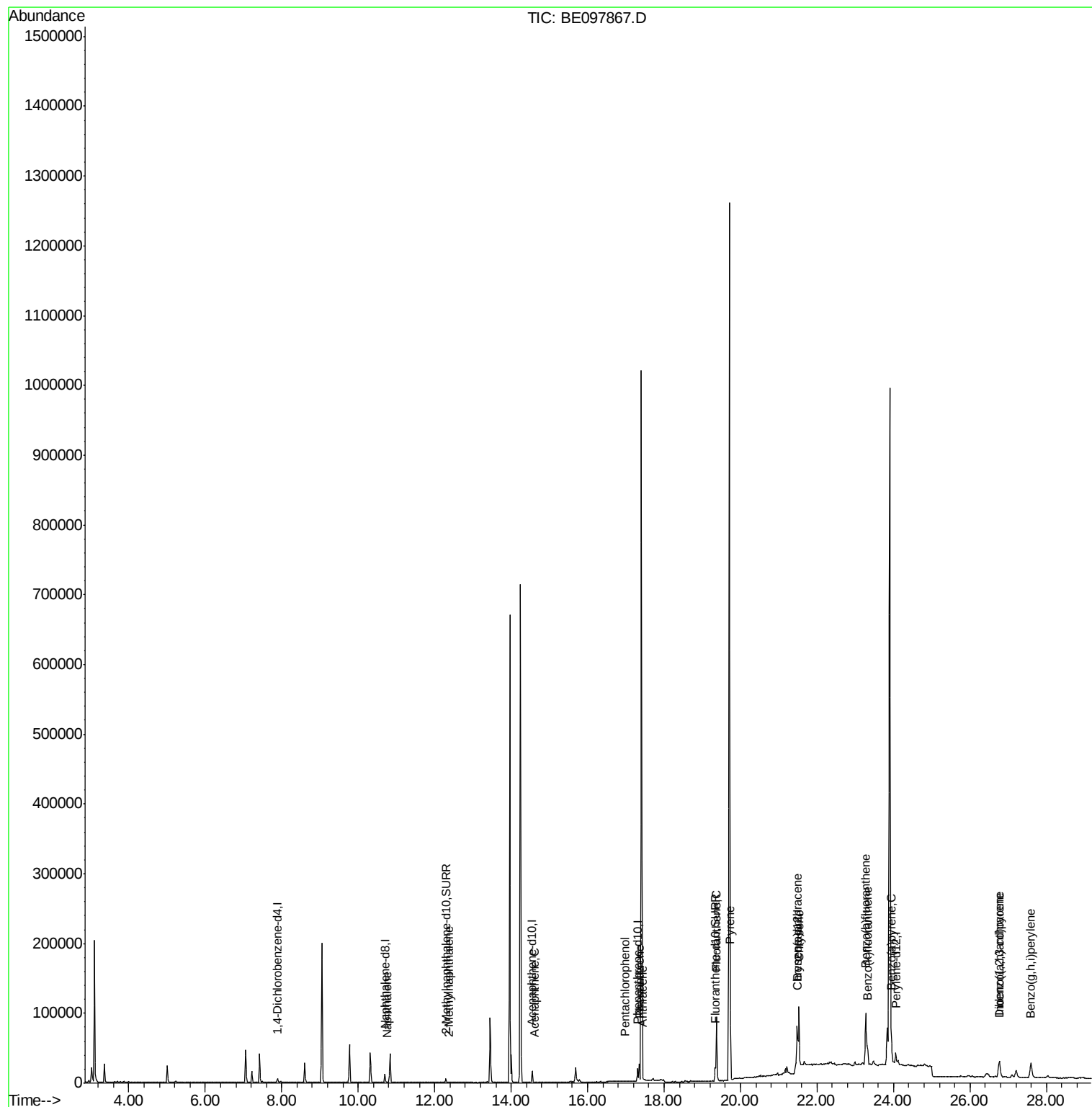
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
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ALS Vial : 19 Sample Multiplier: 1

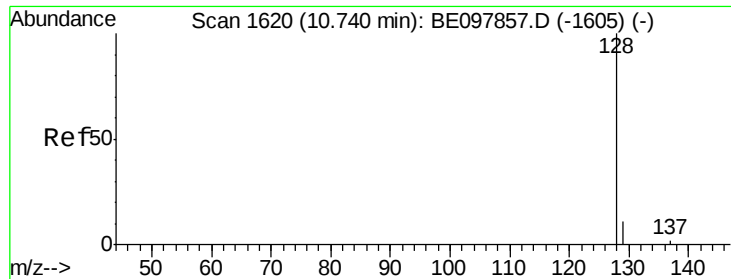
Instrument :
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JLC50

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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QLast Update : Fri Oct 12 03:56:08 2018
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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

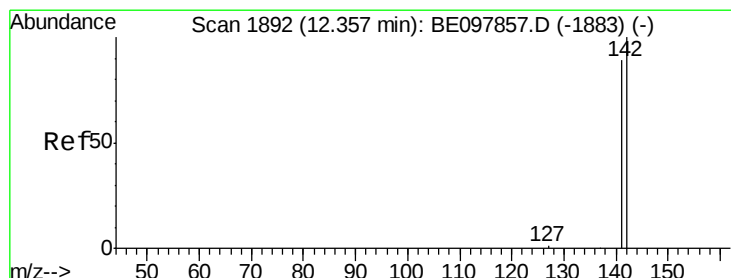
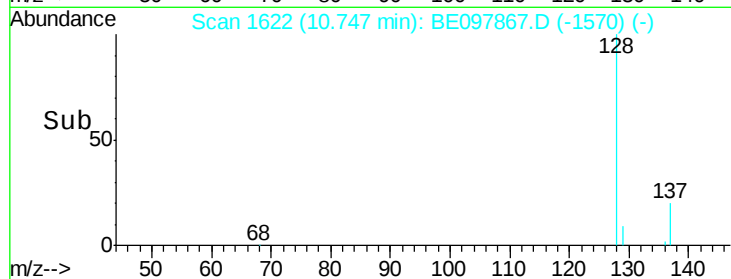
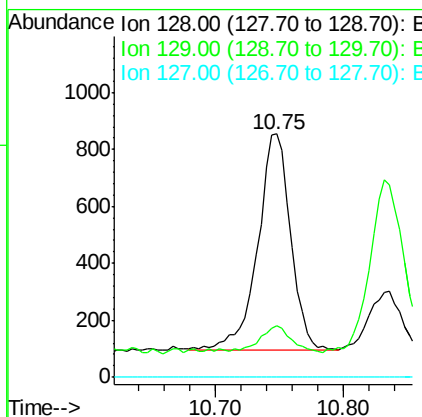
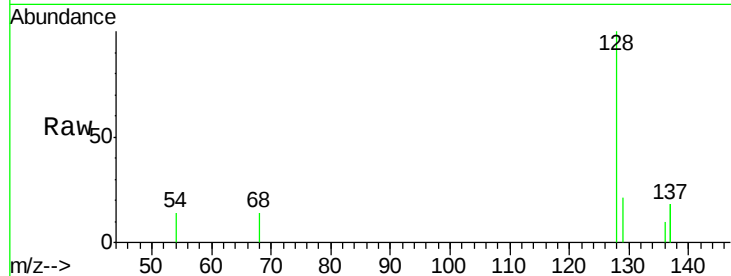
ClientSampleId :

JLC50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	21.3	9.1	13.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

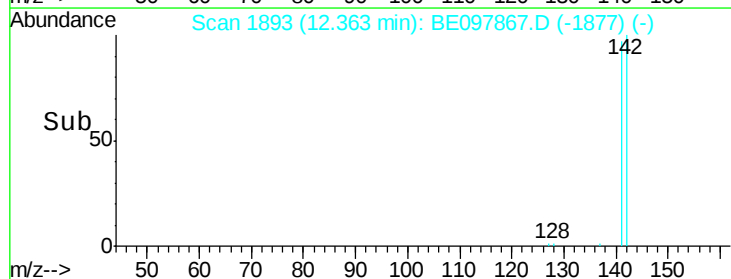
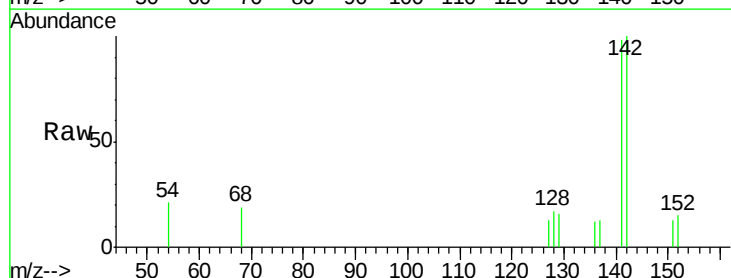
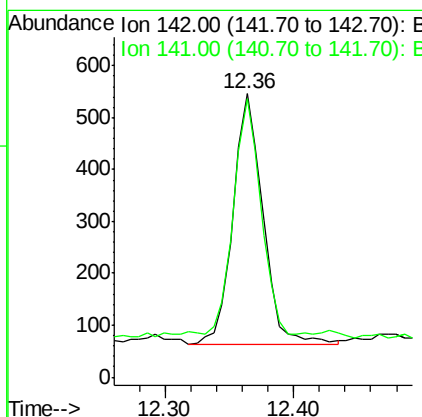
RT: 12.36 min Scan# 1893

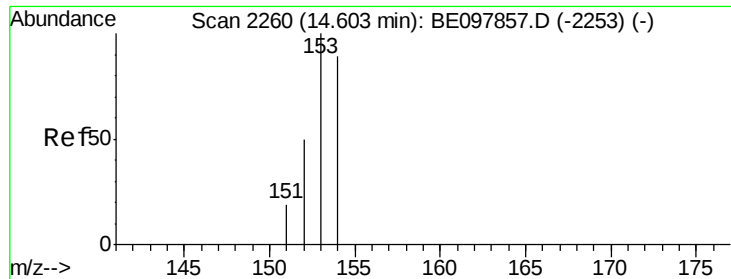
Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4





#8

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.61 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BE097867.D

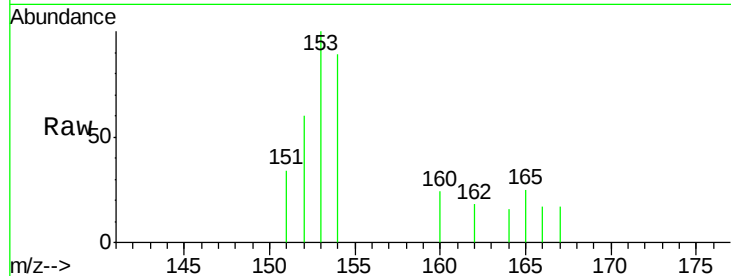
Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

ClientSampleId :

JLC50

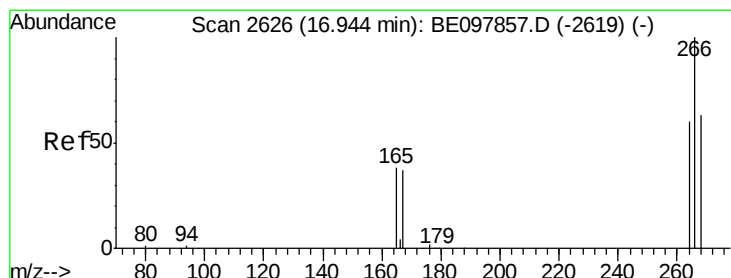
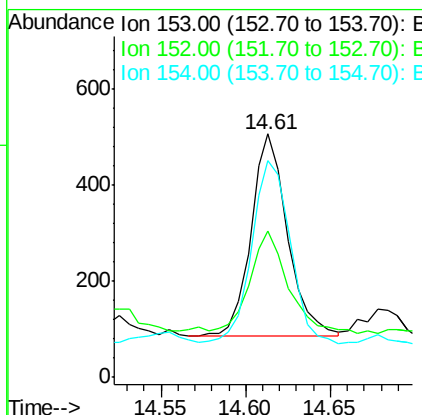
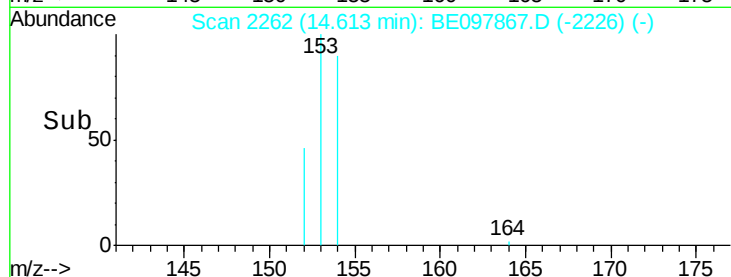


Tgt Ion:153 Resp: 632

Ion	Ratio	Lower	Upper
153	100		
152	60.2	41.2	61.8
154	89.0	68.6	103.0

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#11

Pentachlorophenol

Concen: 0.096 ng/ul m

RT: 16.97 min Scan# 2629

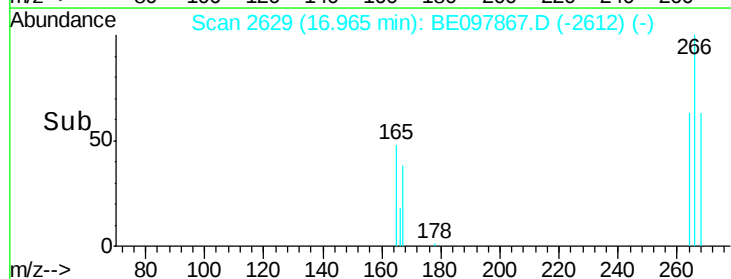
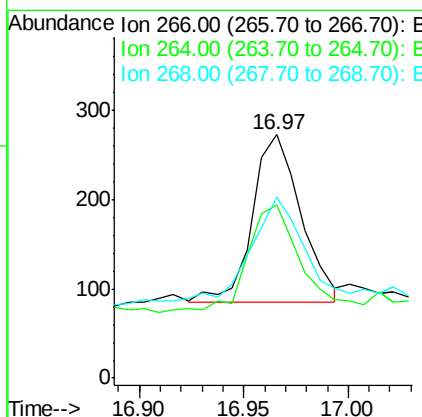
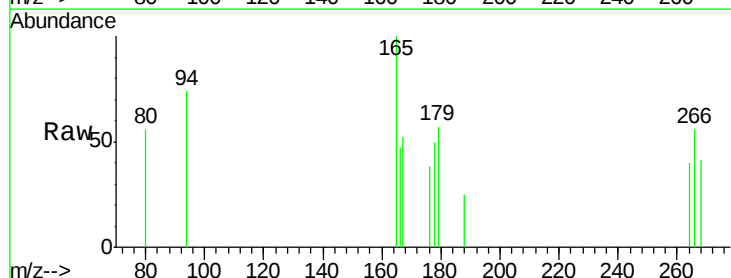
Delta R.T. 0.02 min

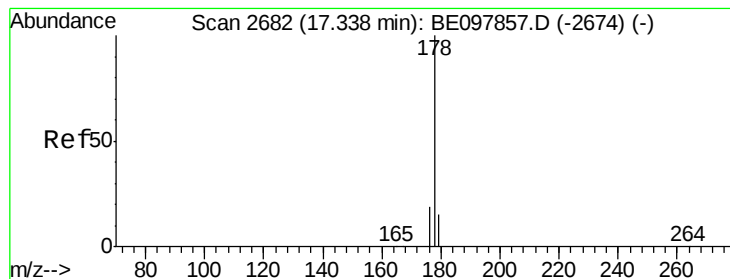
Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Tgt Ion:266 Resp: 306

Ion	Ratio	Lower	Upper
266	100		
264	4.2	49.8	74.8#
268	0.0	48.4	72.6#





#12

Phenanthrene

Concen: 0.501 ng/ul

RT: 17.35 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

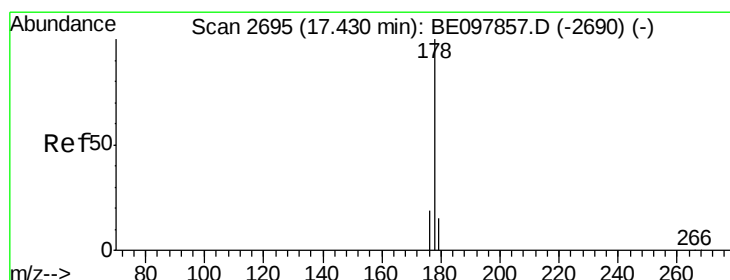
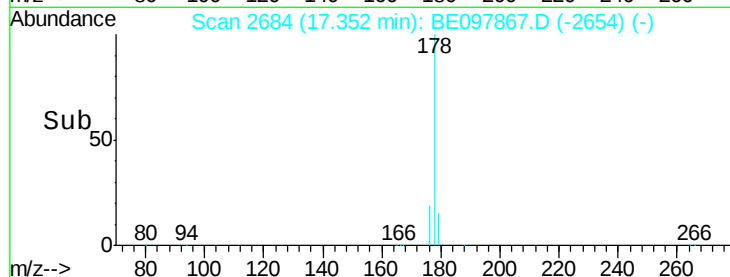
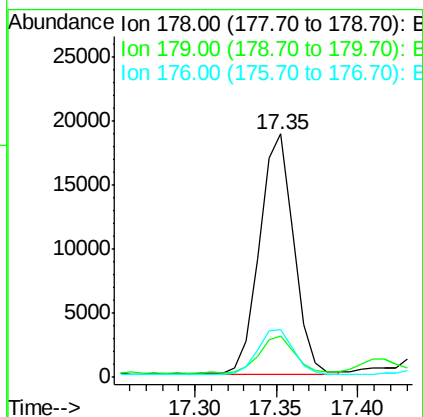
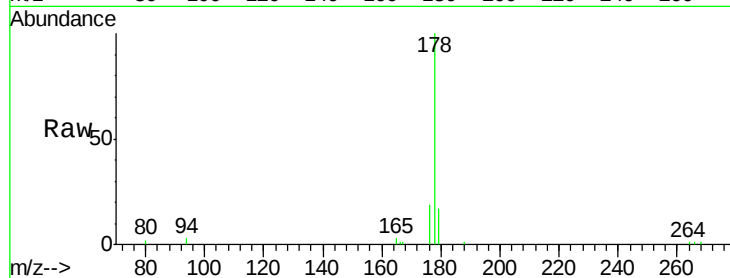
ClientSampleId :

JLC50

Tgt Ion:	178	Resp:	26962
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.8	19.2
176	19.4	14.9	22.3

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#13

Anthracene

Concen: 0.068 ng/ul m

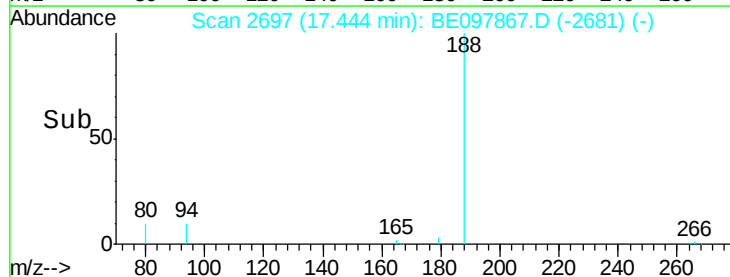
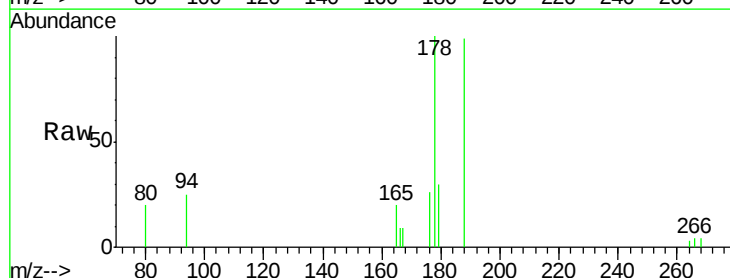
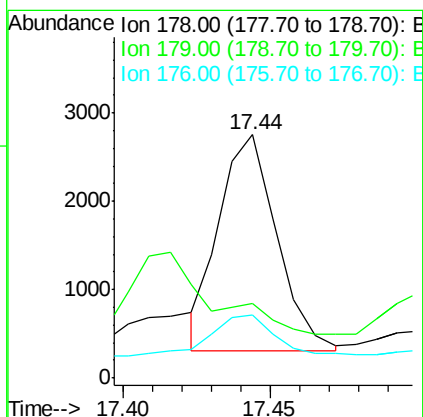
RT: 17.44 min Scan# 2697

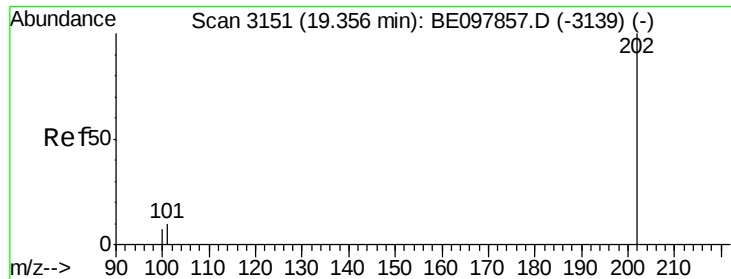
Delta R.T. 0.01 min

Lab File: BE097867.D

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Tgt Ion:	178	Resp:	3383
Ion Ratio	Lower	Upper	
178	100		
179	30.4	12.9	19.3#
176	25.9	15.5	23.3#





#15

Fluoranthene

Concen: 1.472 ng/ul m

RT: 19.37 min Scan# 3155

Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

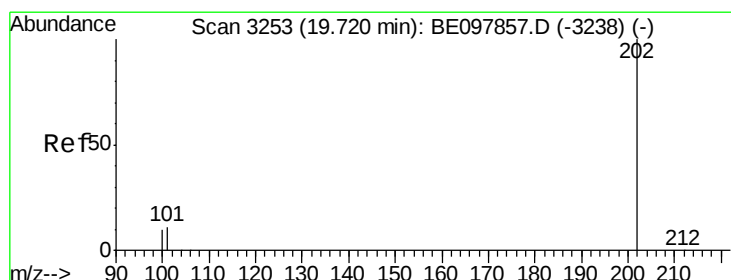
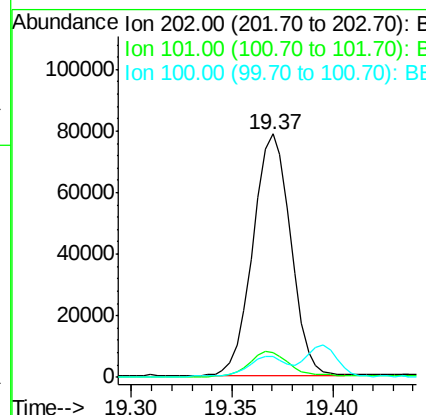
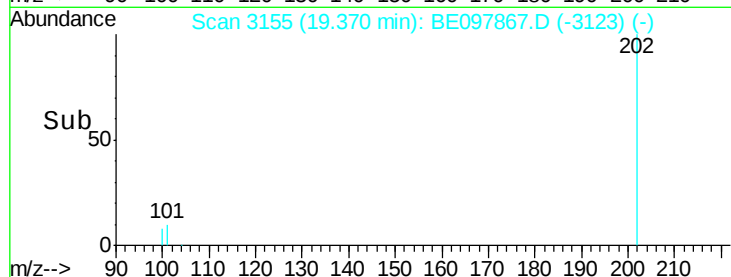
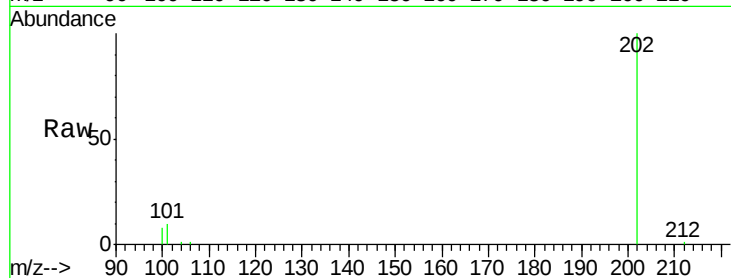
ClientSampleId :

JLC50

Tgt Ion:	202	Resp:	101632
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	29.3
100	8.4	0.0	27.5

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#17

Pyrene

Concen: 1.422 ng/ul m

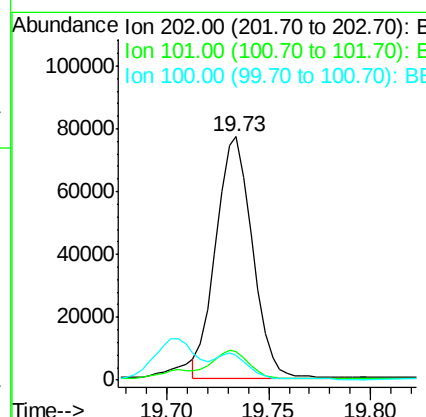
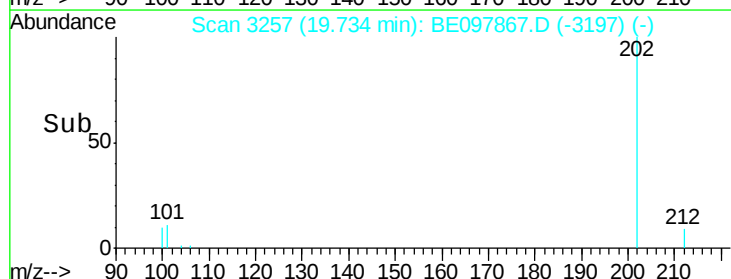
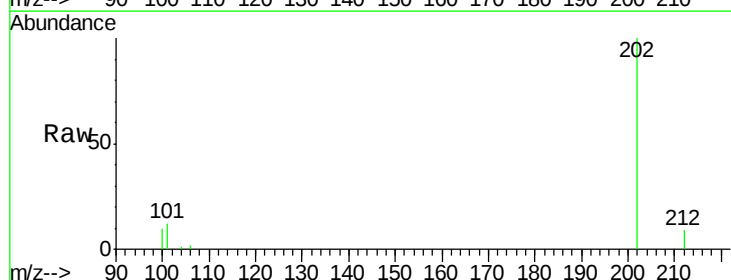
RT: 19.73 min Scan# 3257

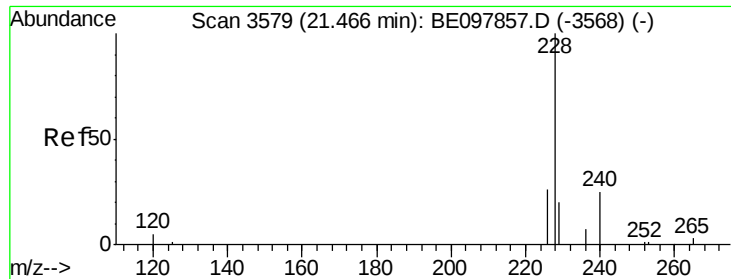
Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Tgt Ion:	202	Resp:	96133
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.8	13.2
100	10.0	7.9	11.9





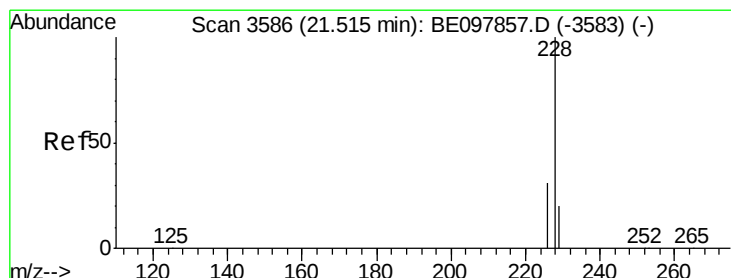
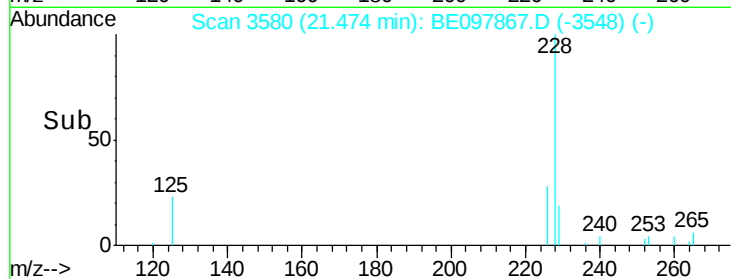
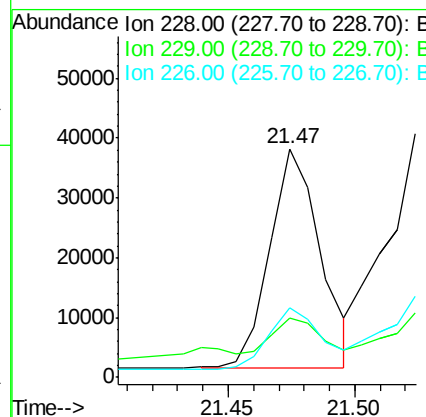
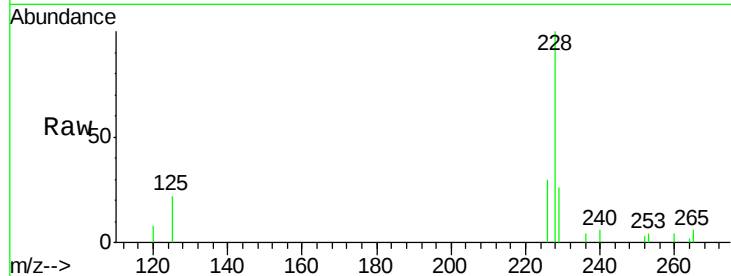
#18
Benzo(a)anthracene
Concen: 0.742 ng/ul m
RT: 21.47 min Scan# 3580
Delta R.T. 0.01 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Instrument :
BNA_E
ClientSampled :
JLC50

Tgt Ion:228 Resp: 50925
Ion Ratio Lower Upper
228 100
229 25.9 16.4 24.6#
226 30.3 21.5 32.3

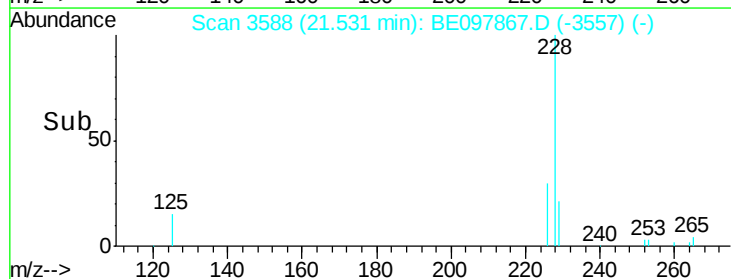
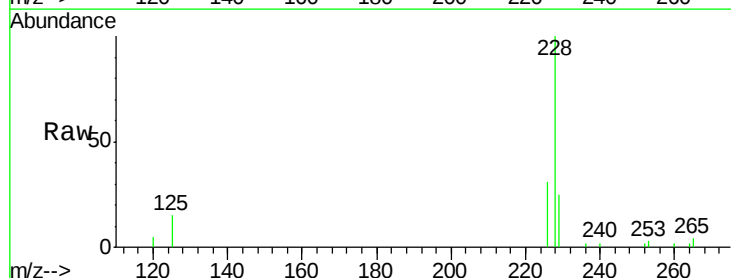
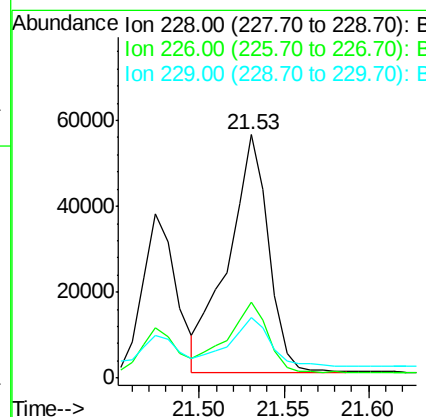
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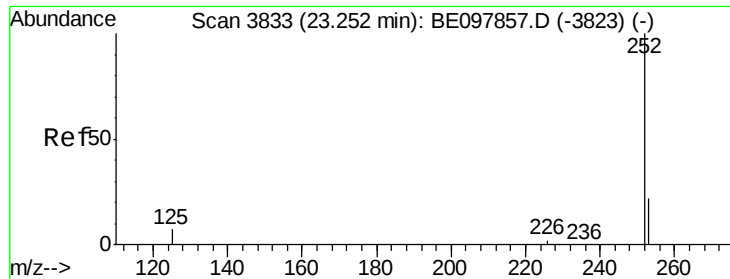
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#19
Chrysene
Concen: 1.507 ng/ul m
RT: 21.53 min Scan# 3588
Delta R.T. 0.02 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Tgt Ion:228 Resp: 92901
Ion Ratio Lower Upper
228 100
226 31.4 23.0 34.4
229 25.1 15.5 23.3#





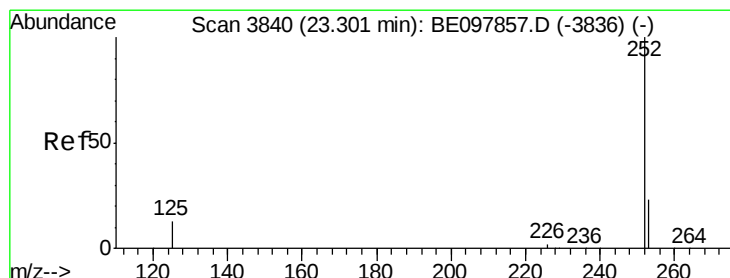
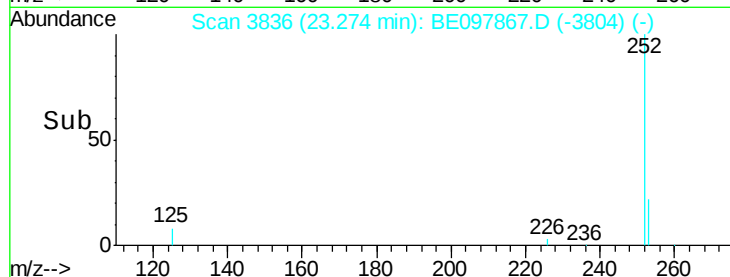
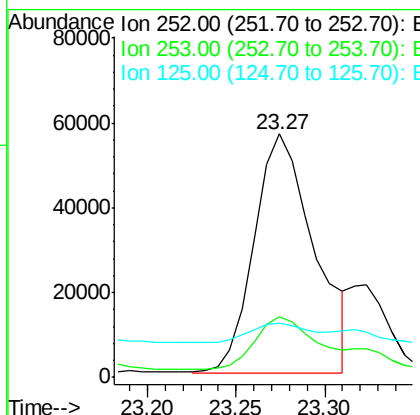
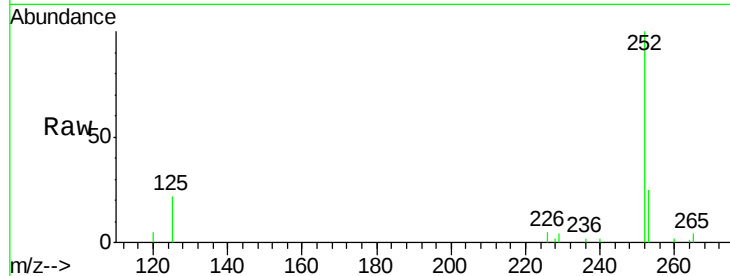
#21
Benzo(b)fluoranthene
Concen: 2.361 ng/ul m
RT: 23.27 min Scan# 3836
Delta R.T. 0.02 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Instrument :
BNA_E
ClientSampleId :
JLC50

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.8	0.0	47.0
125	22.4	0.0	18.2#

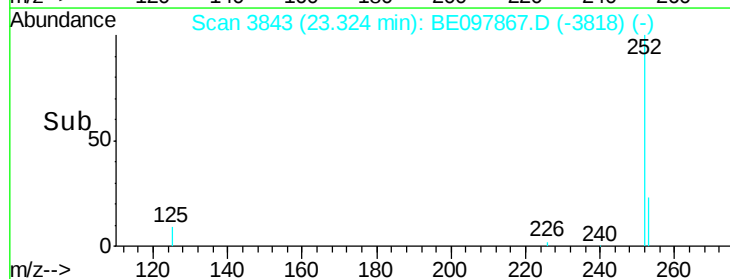
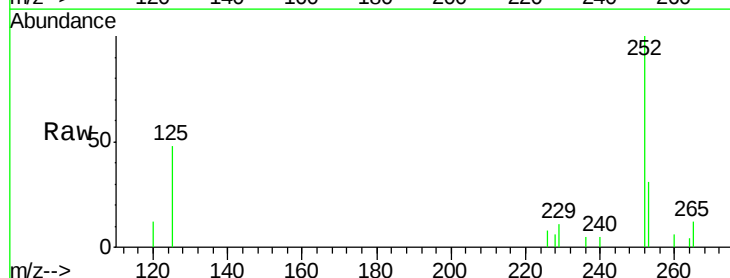
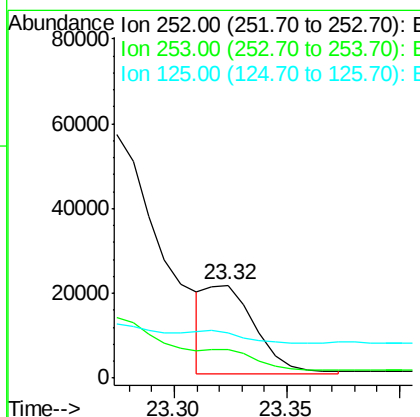
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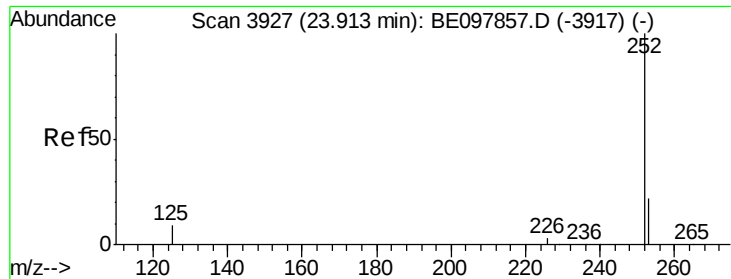
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#22
Benzo(k)fluoranthene
Concen: 0.529 ng/ul m
RT: 23.32 min Scan# 3843
Delta R.T. 0.02 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	30.8	17.8	26.6#
125	47.9	9.4	14.0#





#23

Benzo(a)pyrene

Concen: 0.922 ng/ul m

RT: 23.95 min Scan# 3932

Delta R.T. 0.04 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

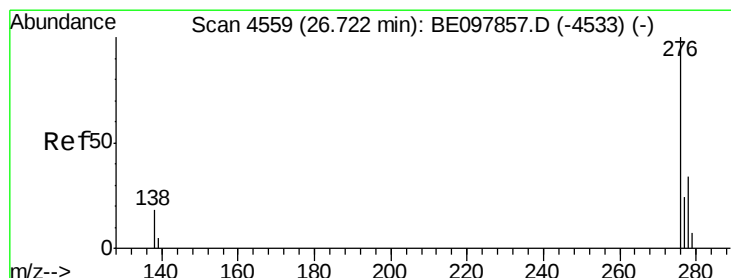
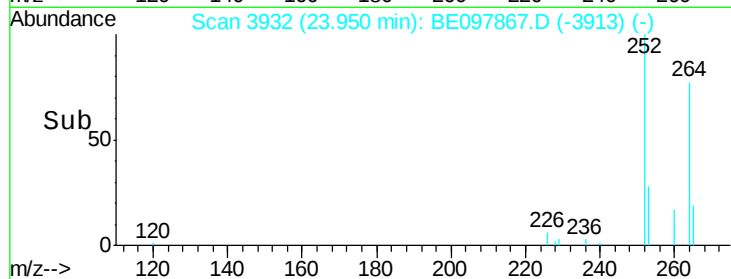
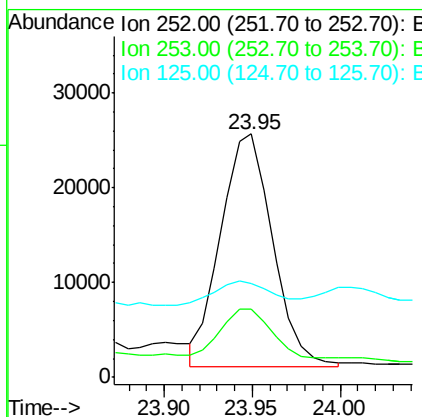
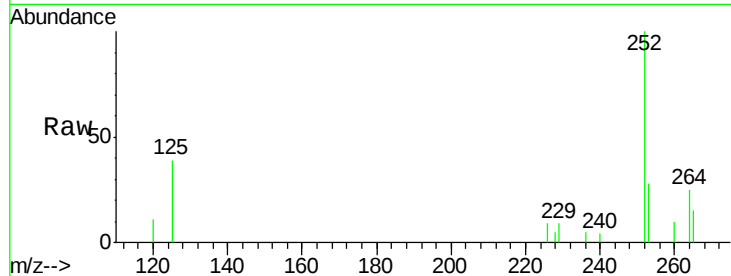
ClientSampleId :

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Tgt Ion:	252	Resp:	50842
Ion Ratio	Lower	Upper	
252	100		
253	28.0	18.2	27.4#
125	38.7	8.3	12.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.744 ng/ul m

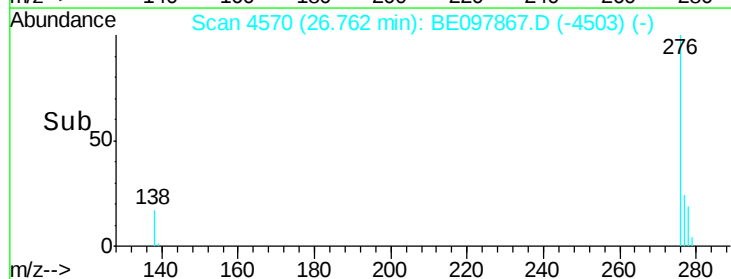
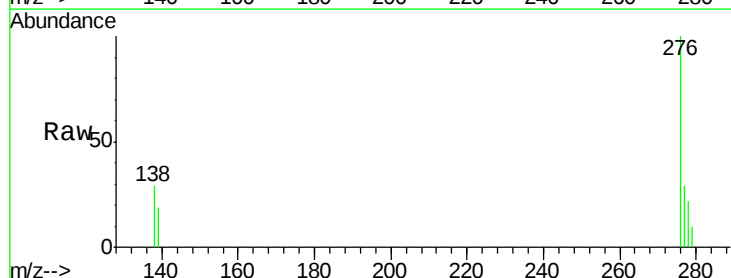
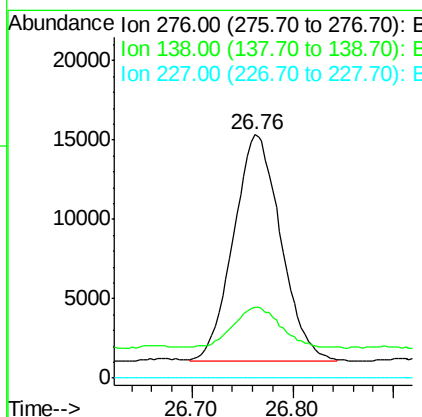
RT: 26.76 min Scan# 4570

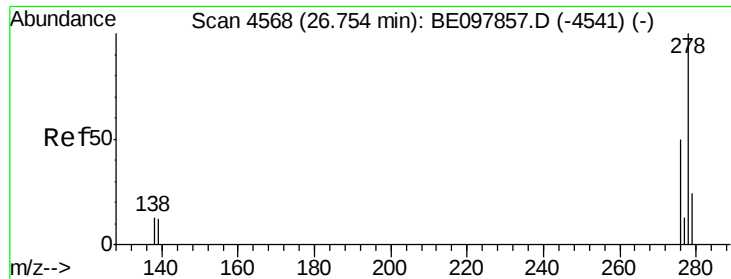
Delta R.T. 0.04 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Tgt Ion:	276	Resp:	46568
Ion Ratio	Lower	Upper	
276	100		
138	2.0	0.0	0.0#
227	0.0	0.0	0.0





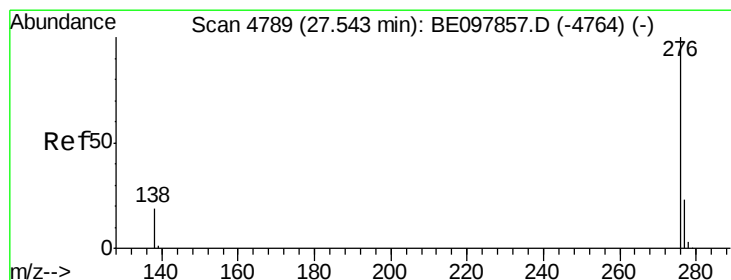
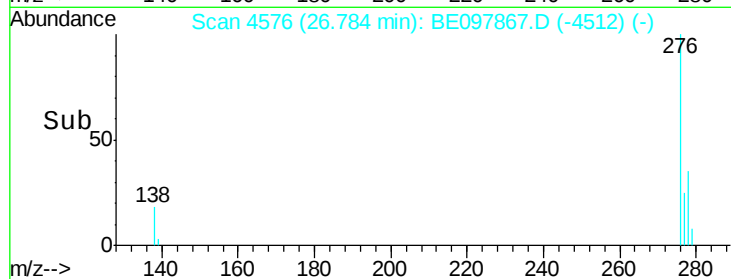
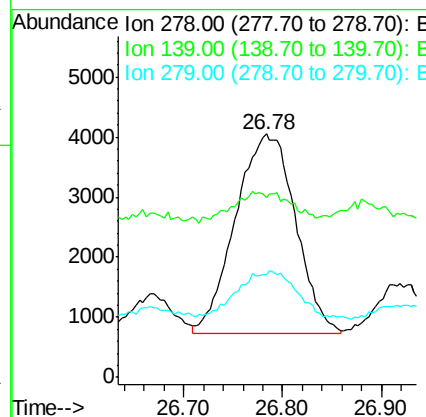
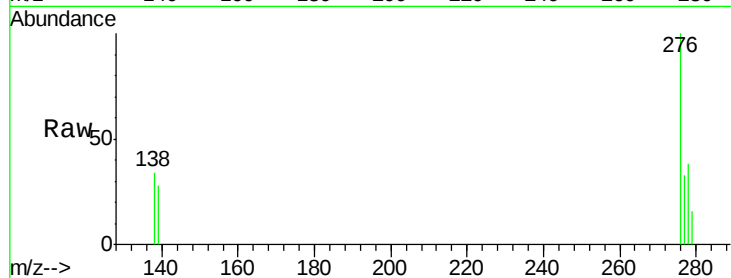
#25
Dibenzo(a,h)anthracene
Concen: 0.271 ng/ul m
RT: 26.78 min Scan# 4576
Delta R.T. 0.03 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Instrument :
BNA_E
ClientSampleId :
JLC50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	73.9	10.9	16.3#
279	42.5	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/12/2018 6:34:57 PM



#26
Benzo(g,h,i)perylene
Concen: 0.977 ng/ul m
RT: 27.59 min Scan# 4803
Delta R.T. 0.05 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	14.3	21.5#
277	28.9	19.5	29.3

