

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097870.D
 Acq On : 11 Oct 2018 22:59
 Operator : SJ/JU
 Sample : J5184-04DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC23DL

Manual Integrations
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Quant Time: Oct 12 04:55:57 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	2565	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13210	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.56	164	8866	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.31	188	20922	0.40	ng/ul	0.01
16) Chrysene-d12	21.50	240	21257	0.40	ng/ul	0.02
20) Perylene-d12	24.07	264	22010	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1492	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	4244	0.06	ng/ul	0.01
Target Compounds				Qvalue		
7) Acenaphthylene	14.27	152	969	0.029	ng/ul#	50
12) Phenanthrene	17.35	178	8385	0.169	ng/ul#	85
13) Anthracene	17.44	178	2039	0.044	ng/ul#	48
15) Fluoranthene	19.37	202	21956	0.345	ng/ul	95
17) Pyrene	19.73	202	28840	0.455	ng/ul#	93
18) Benzo(a)anthracene	21.48	228	21050	0.328	ng/ul#	57
19) Chrysene	21.54	228	49572	0.858	ng/ul#	82
21) Benzo(b)fluoranthene	23.29	252	32555m	0.553	ng/ul	
22) Benzo(k)fluoranthene	23.33	252	7982m	0.127	ng/ul	
23) Benzo(a)pyrene	23.96	252	17082	0.296	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.79	276	14366	0.219	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.82	278	3856	0.071	ng/ul#	1
26) Benzo(g,h,i)perylene	27.62	276	17439	0.305	ng/ul#	32

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

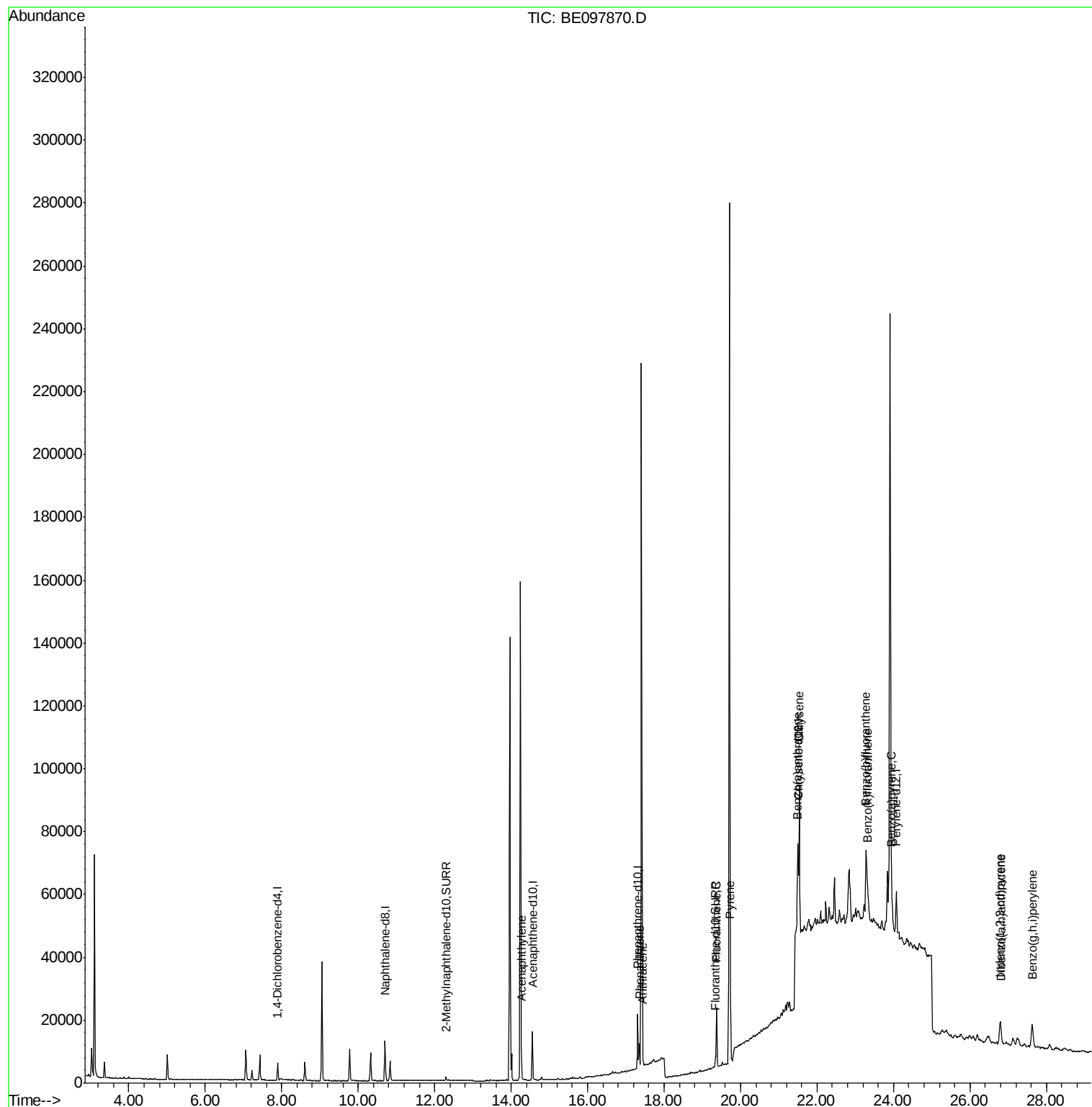
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
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ALS Vial : 22 Sample Multiplier: 1

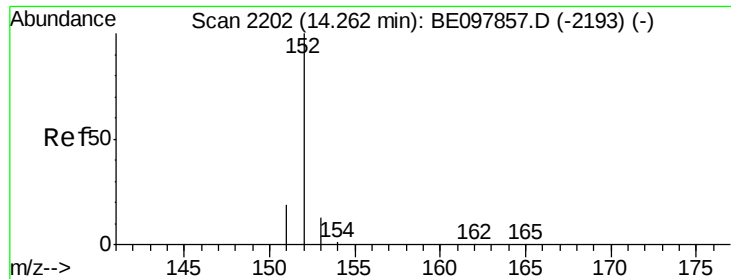
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QLast Update : Fri Oct 12 03:56:08 2018
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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

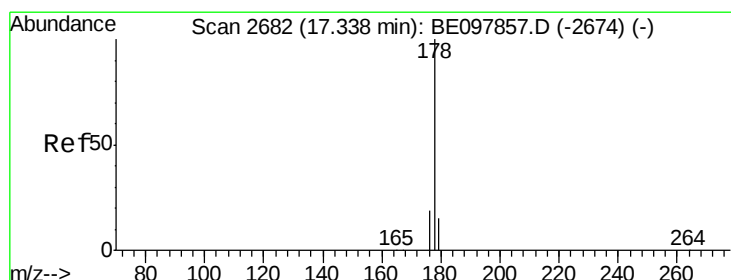
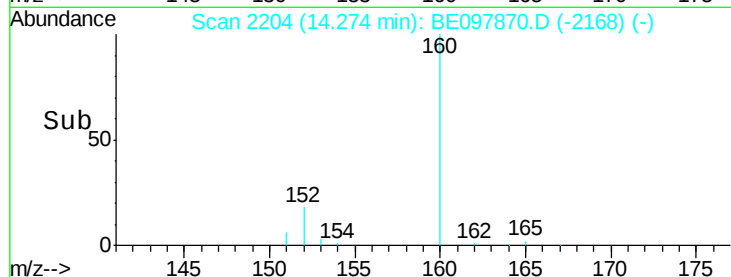
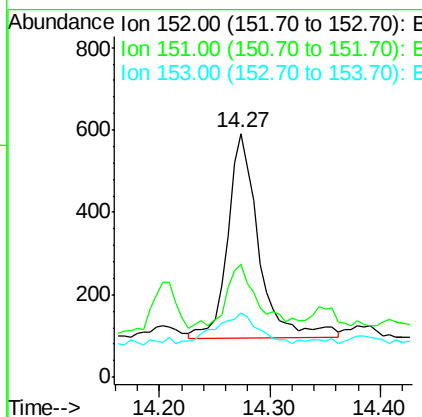
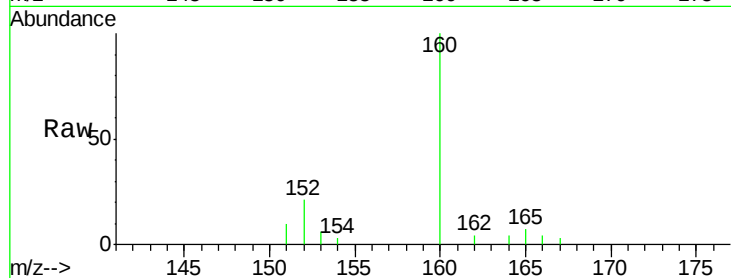
ClientSampleId :

JLC23DL

Tgt Ion:	152	Resp:	969
Ion Ratio	Lower	Upper	
152	100		
151	46.4	15.0	22.6#
153	26.4	10.5	15.7#

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#12

Phenanthrene

Concen: 0.169 ng/ul

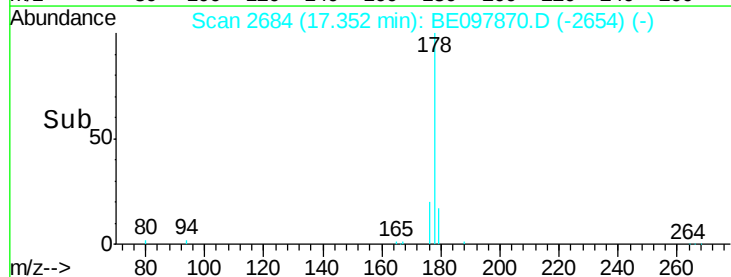
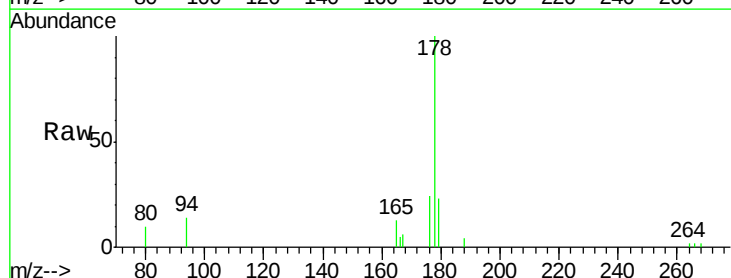
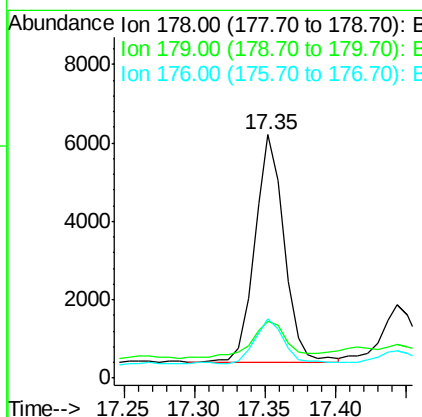
RT: 17.35 min Scan# 2684

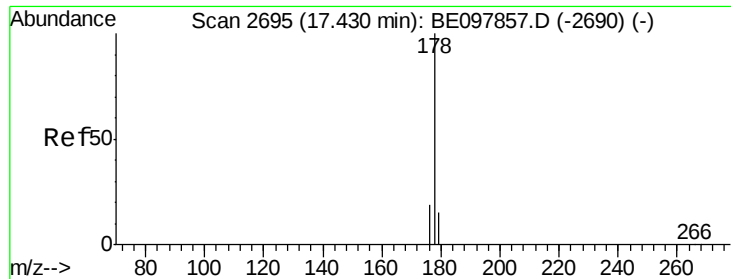
Delta R.T. 0.01 min

Lab File: BE097870.D

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Tgt Ion:	178	Resp:	8385
Ion Ratio	Lower	Upper	
178	100		
179	23.5	12.8	19.2#
176	24.2	14.9	22.3#





#13

Anthracene

Concen: 0.044 ng/ul

RT: 17.44 min Scan# 2697

Delta R.T. 0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

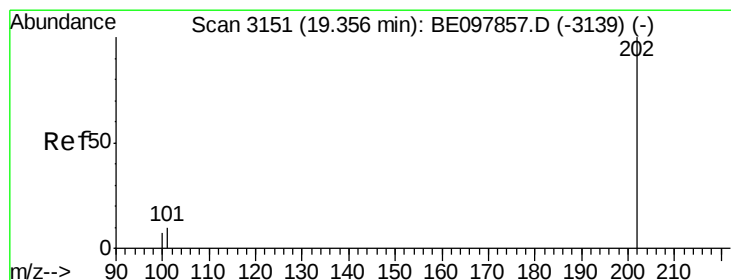
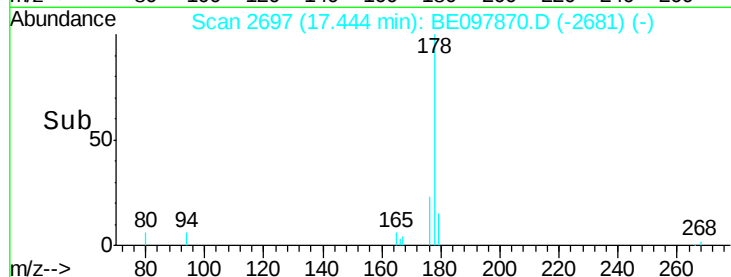
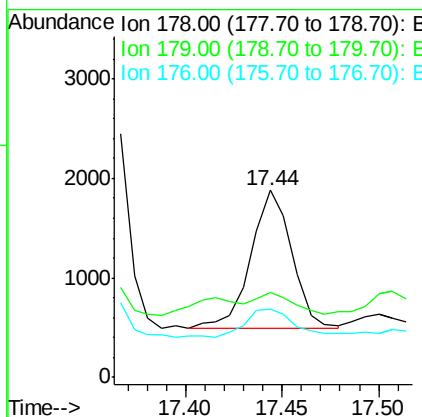
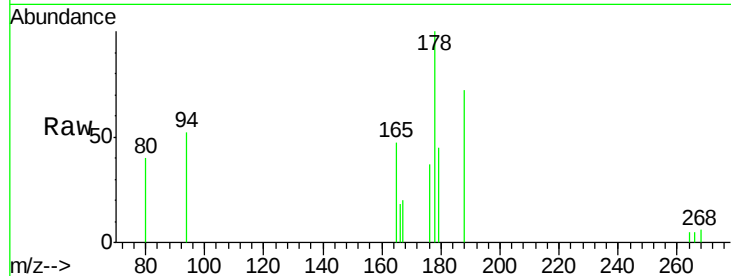
ClientSampled :

JLC23DL

Tgt Ion:	178	Resp:	2039
Ion Ratio	Lower	Upper	
178	100		
179	45.2	12.9	19.3#
176	36.6	15.5	23.3#

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#15

Fluoranthene

Concen: 0.345 ng/ul

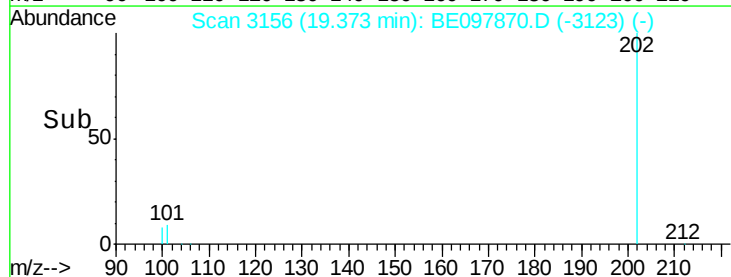
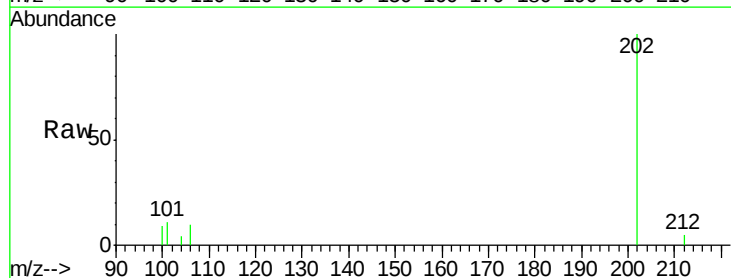
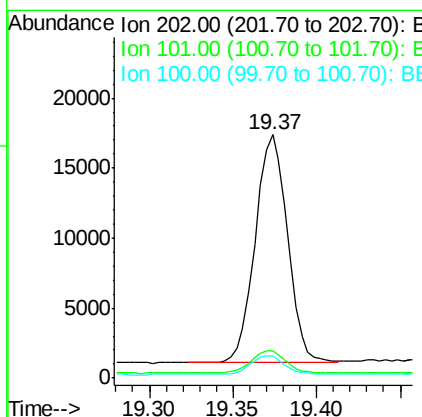
RT: 19.37 min Scan# 3156

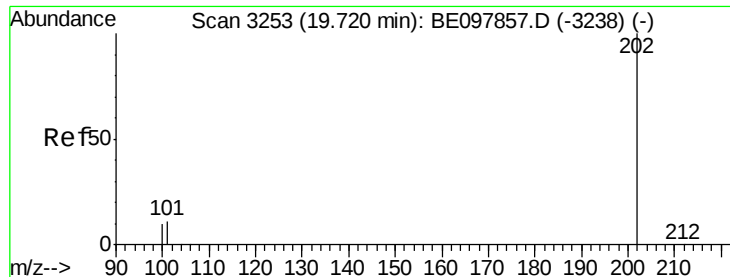
Delta R.T. 0.02 min

Lab File: BE097870.D

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Tgt Ion:	202	Resp:	21956
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	29.3
100	9.0	0.0	27.5





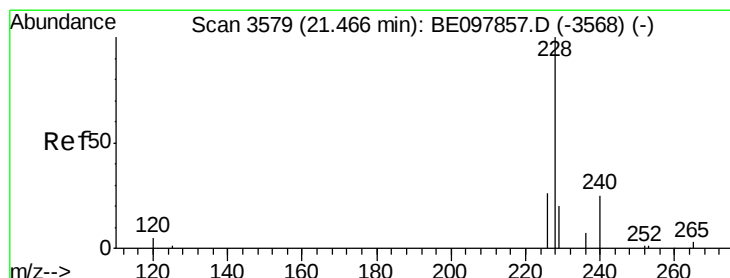
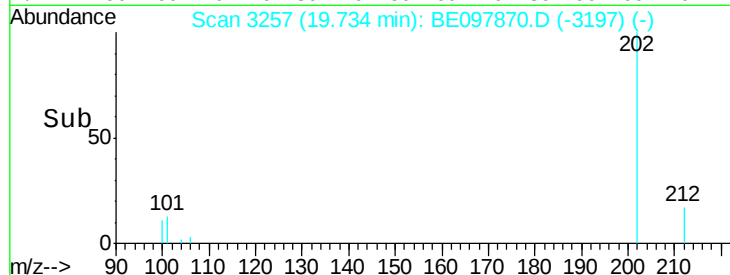
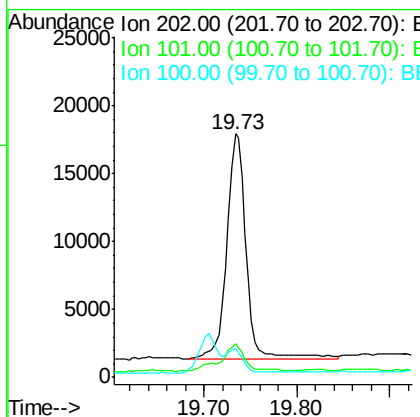
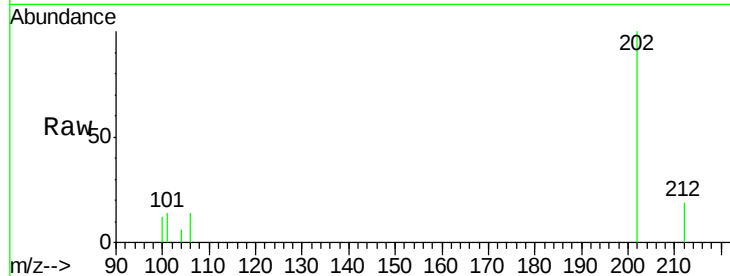
#17
Pyrene
 Concen: 0.455 ng/ul
 RT: 19.73 min Scan# 3257
 Delta R.T. 0.01 min
 Lab File: BE097870.D
 Acq: 11 Oct 2018 22:59

Instrument :
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 ClientSampleId :
 JLC23DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	8.8	13.2#
100	11.7	7.9	11.9

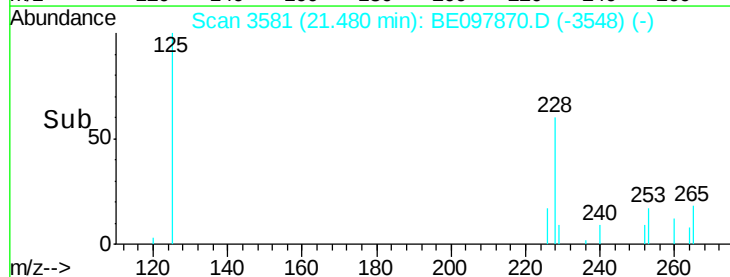
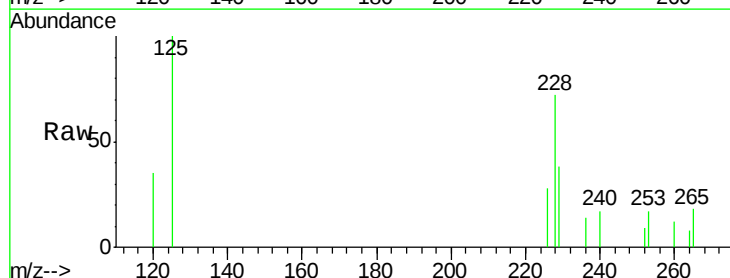
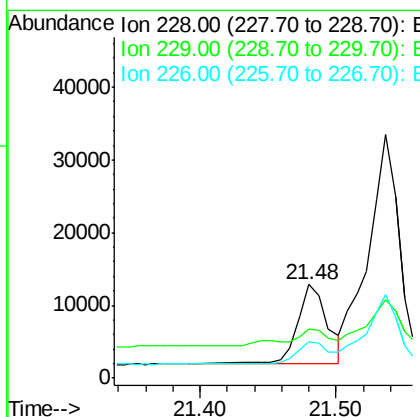
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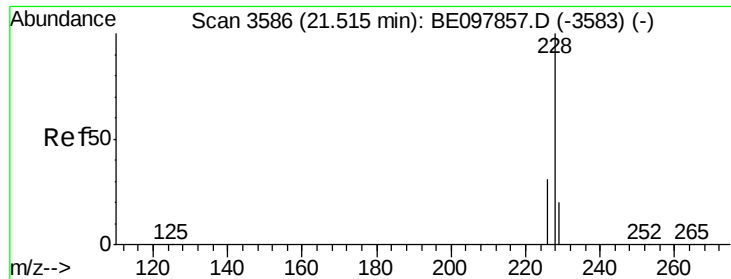
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#18
Benzo(a)anthracene
 Concen: 0.328 ng/ul
 RT: 21.48 min Scan# 3581
 Delta R.T. 0.01 min
 Lab File: BE097870.D
 Acq: 11 Oct 2018 22:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	52.5	16.4	24.6#
226	39.1	21.5	32.3#





#19

Chrysene

Concen: 0.858 ng/ul

RT: 21.54 min Scan# 3589

Delta R.T. 0.02 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

ClientSampleId :

JLC23DL

Tgt Ion: 228 Resp: 49572

Ion Ratio Lower Upper

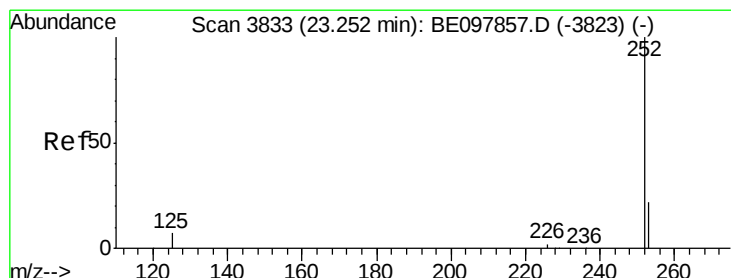
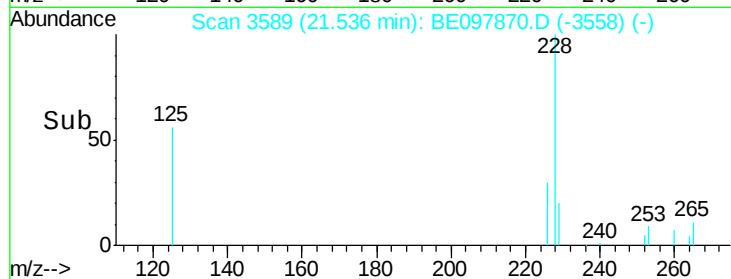
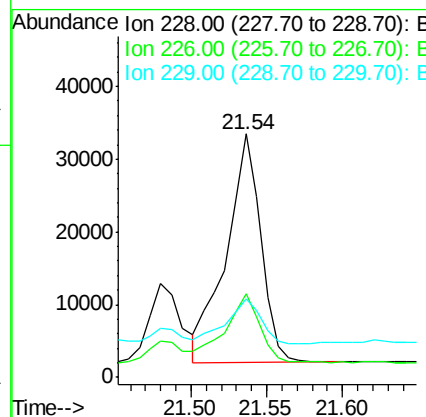
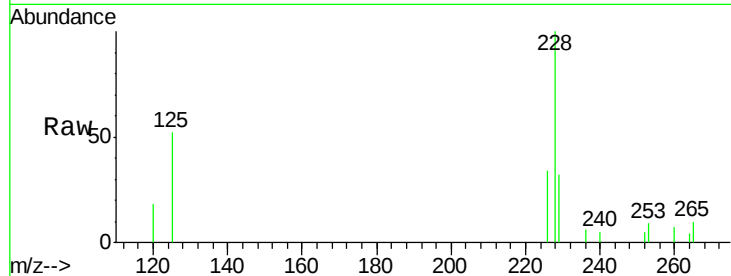
228 100

226 34.4 23.0 34.4

229 32.2 15.5 23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.553 ng/ul m

RT: 23.29 min Scan# 3838

Delta R.T. 0.04 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

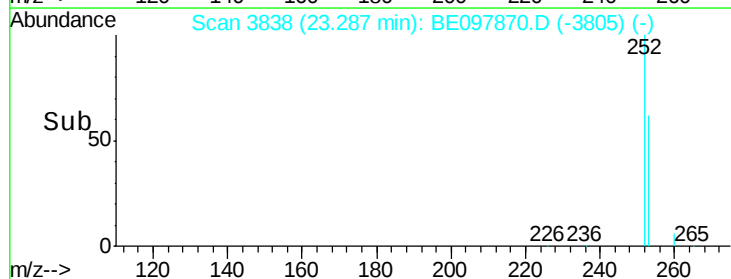
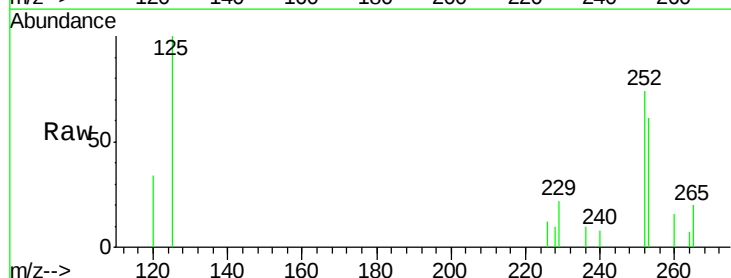
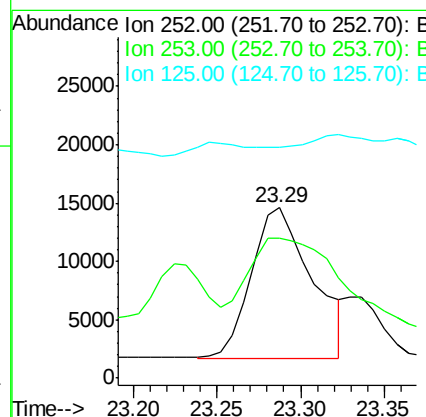
Tgt Ion: 252 Resp: 32555

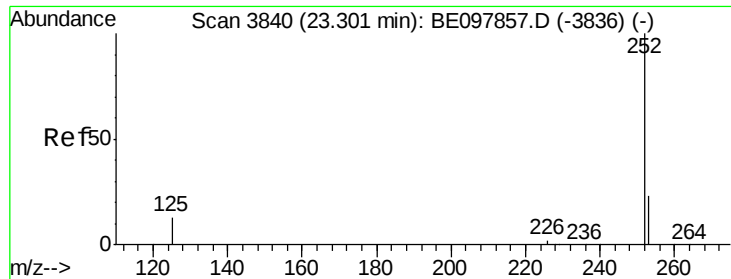
Ion Ratio Lower Upper

252 100

253 82.1 0.0 47.0#

125 135.6 0.0 18.2#





#22

Benzo(k)fluoranthene

Concen: 0.127 ng/ul m

RT: 23.33 min Scan# 3844

Delta R.T. 0.03 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

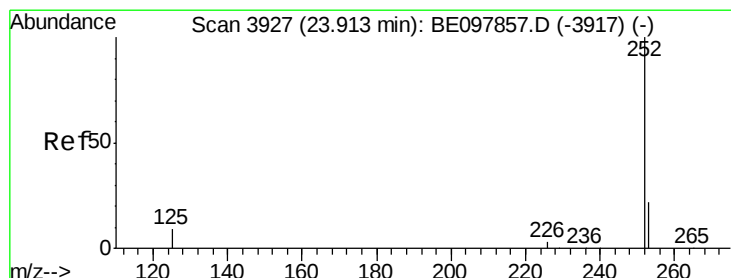
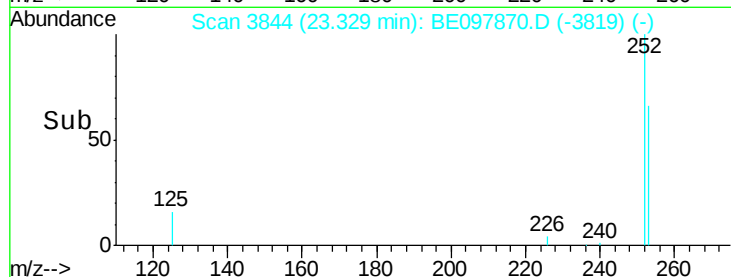
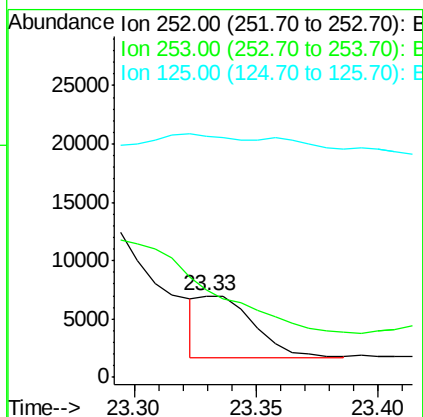
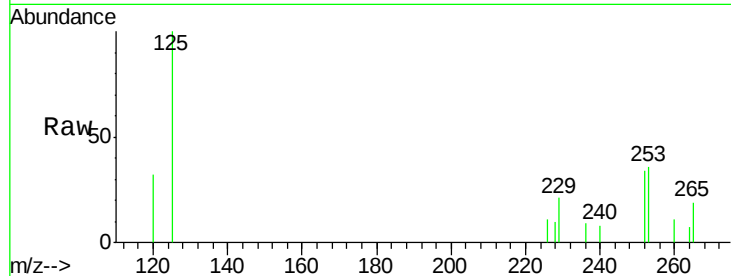
ClientSampleId :

JLC23DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	106.4	17.8	26.6#
125	295.2	9.4	14.0#

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#23

Benzo(a)pyrene

Concen: 0.296 ng/ul

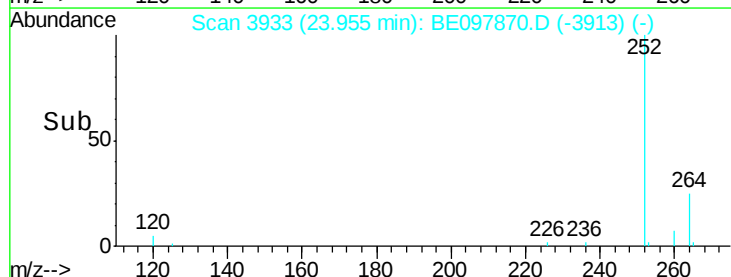
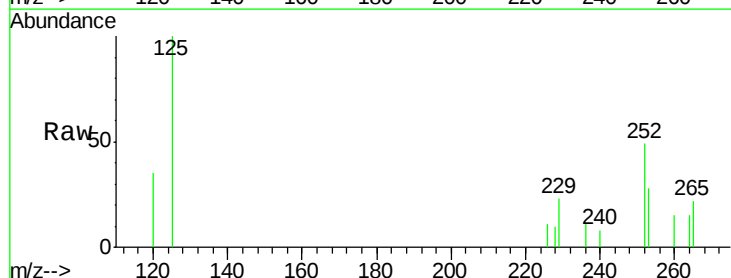
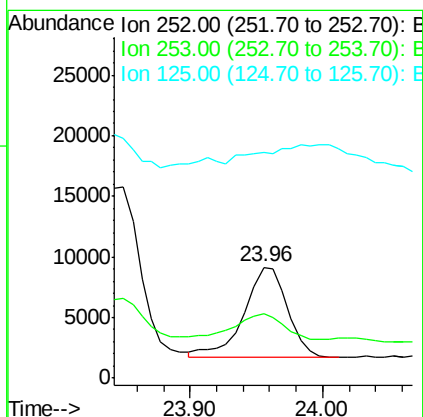
RT: 23.96 min Scan# 3933

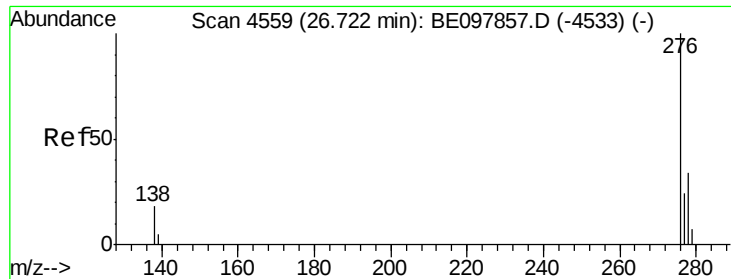
Delta R.T. 0.04 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	57.6	18.2	27.4#
125	203.3	8.3	12.5#





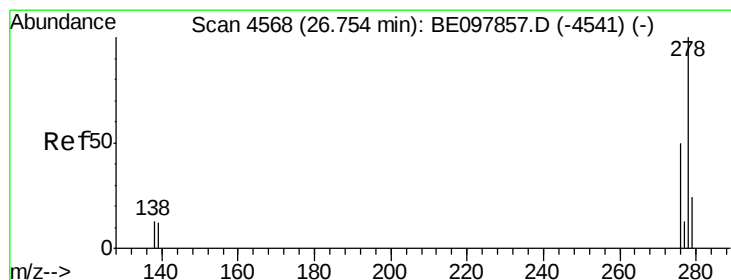
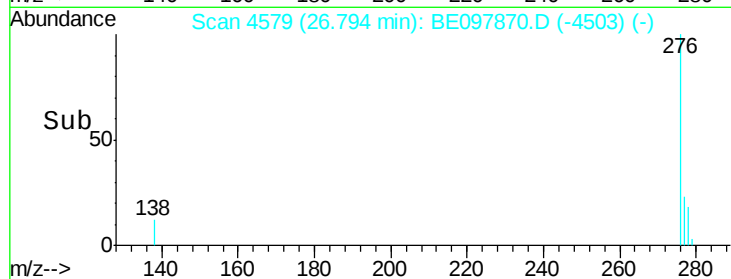
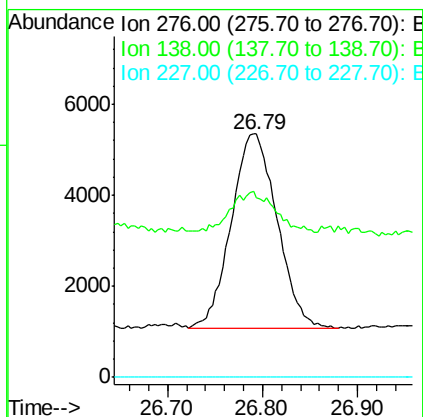
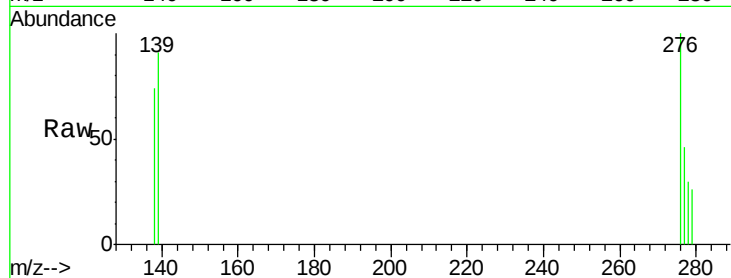
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.219 ng/u1
 RT: 26.79 min Scan# 4579
 Delta R.T. 0.07 min
 Lab File: BE097870.D
 Acq: 11 Oct 2018 22:59

Instrument :
 BNA_E
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 JLC23DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.7	0.0	0.0#
227	0.0	0.0	0.0

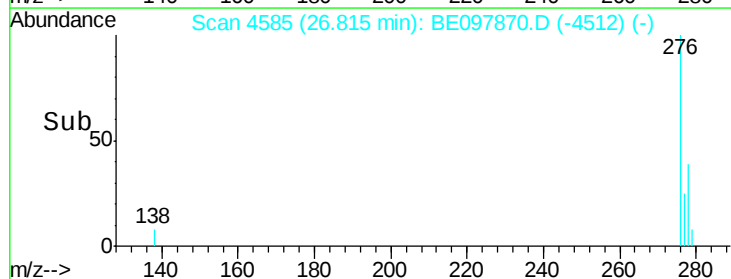
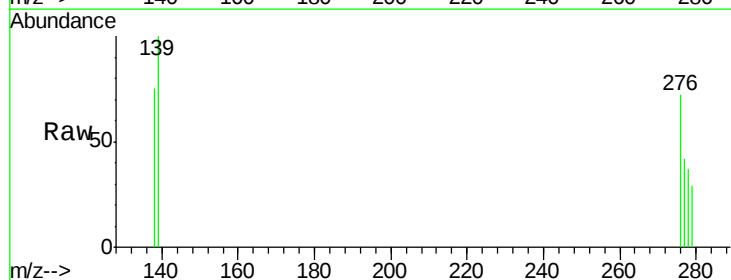
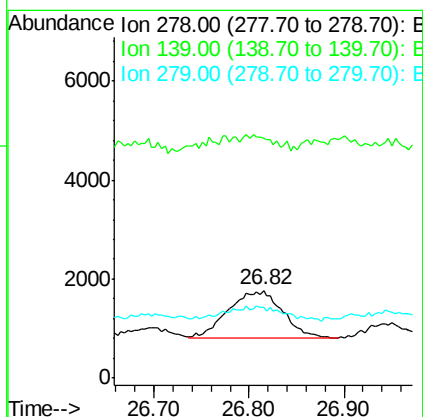
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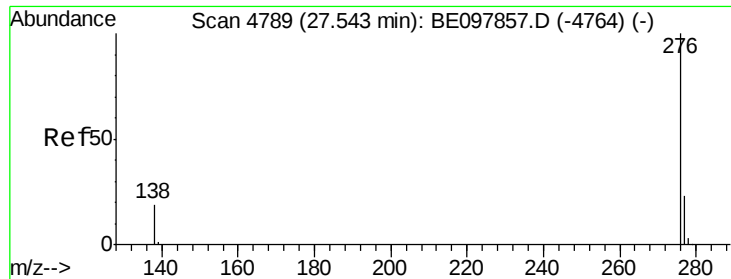
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/u1
 RT: 26.82 min Scan# 4585
 Delta R.T. 0.06 min
 Lab File: BE097870.D
 Acq: 11 Oct 2018 22:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	273.0	10.9	16.3#
279	80.1	18.8	28.2#





#26
 Benzo(g,h,i)perylene
 Concen: 0.305 ng/u1
 RT: 27.62 min Scan# 4812
 Delta R.T. 0.08 min
 Lab File: BE097870.D
 Acq: 11 Oct 2018 22:59

Instrument :
 BNA_E
 ClientSampleId :
 JLC23DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	65.6	14.3	21.5#
277	43.2	19.5	29.3#

Manual Integrations
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