

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097866.D
 Acq On : 11 Oct 2018 20:33
 Operator : SJ/JU
 Sample : J5183-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC17

Manual Integrations
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Quant Time: Oct 12 04:23:35 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	2388	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12212	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	8793	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.31	188	20979m	0.40	ng/ul	0.01
16) Chrysene-d12	21.49	240	20081m	0.40	ng/ul	0.01
20) Perylene-d12	24.06	264	19220m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4627	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	15483m	0.23	ng/ul	0.01
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	3875	0.130	ng/ul#	90
5) 2-Methylnaphthalene	12.37	142	2606	0.121	ng/ul	99
7) Acenaphthylene	14.27	152	1989	0.060	ng/ul#	79
8) Acenaphthene	14.61	153	1784	0.069	ng/ul	99
9) Fluorene	15.61	166	2472	0.073	ng/ul#	90
12) Phenanthrene	17.35	178	37361	0.752	ng/ul	95
13) Anthracene	17.44	178	6906m	0.150	ng/ul	
15) Fluoranthene	19.37	202	63552m	0.996	ng/ul	
17) Pyrene	19.73	202	72928m	1.219	ng/ul	
18) Benzo(a)anthracene	21.47	228	38978m	0.642	ng/ul	
19) Chrysene	21.53	228	55808m	1.023	ng/ul	
21) Benzo(b)fluoranthene	23.27	252	75386m	1.468	ng/ul	
22) Benzo(k)fluoranthene	23.32	252	22905m	0.417	ng/ul	
23) Benzo(a)pyrene	23.95	252	47523	0.942	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	26.77	276	38517	0.673	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.79	278	9796	0.207	ng/ul#	1
26) Benzo(g,h,i)perylene	27.60	276	42490	0.852	ng/ul#	72

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

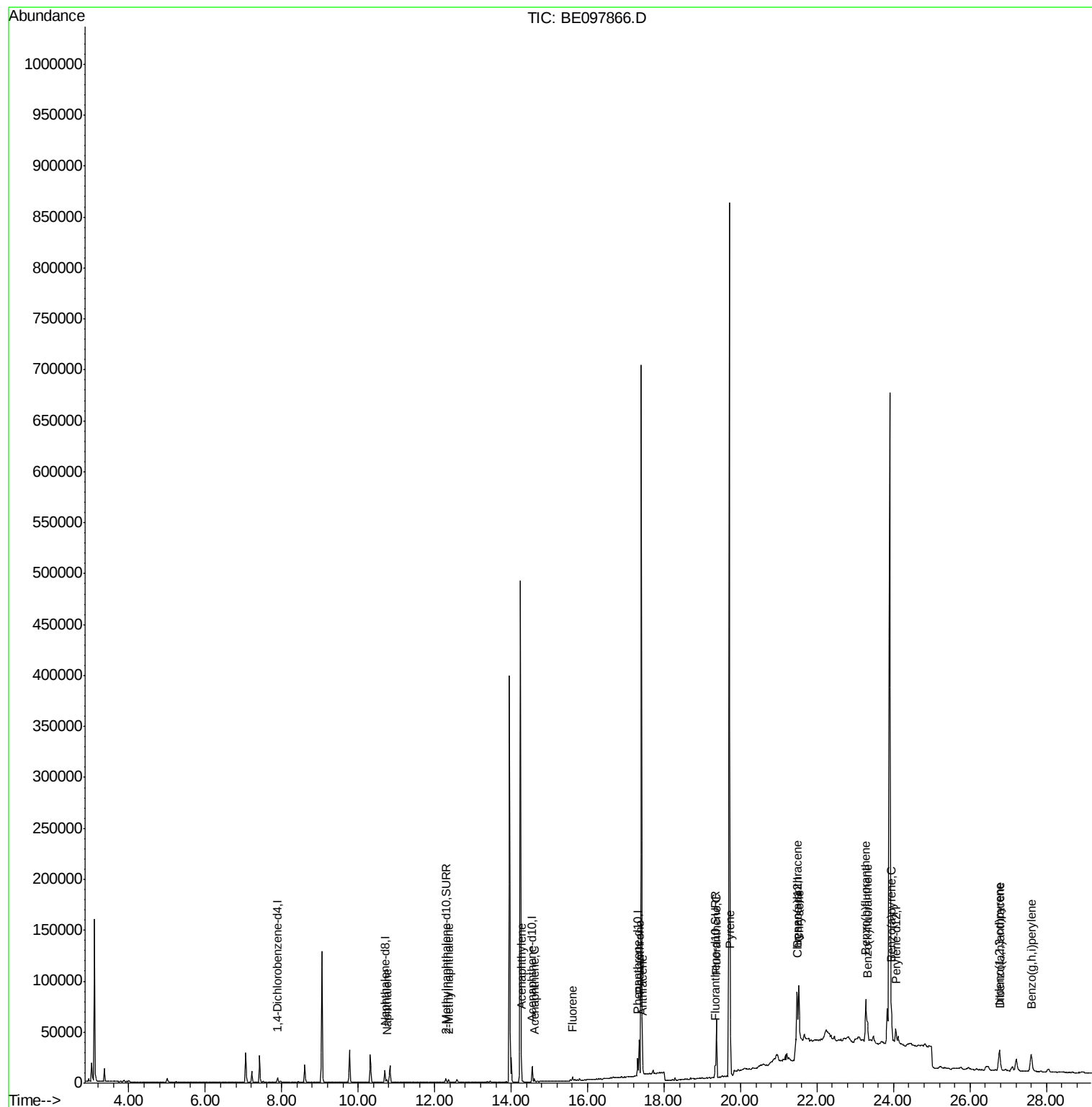
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097866.D
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ALS Vial : 18 Sample Multiplier: 1

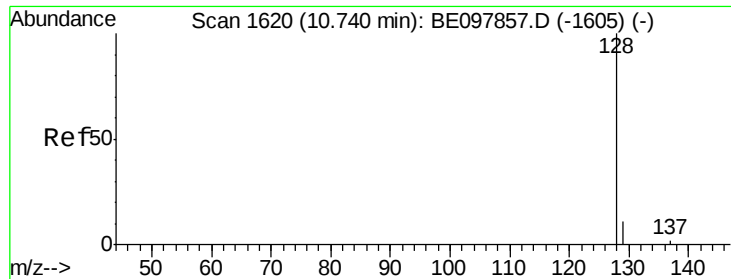
Instrument :
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Quant Time: Oct 12 04:23:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 03:56:08 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.130 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Instrument :

BNA_E

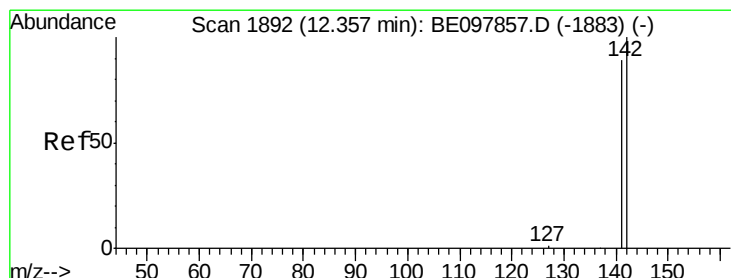
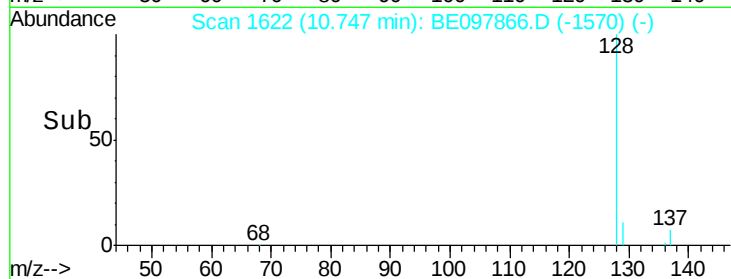
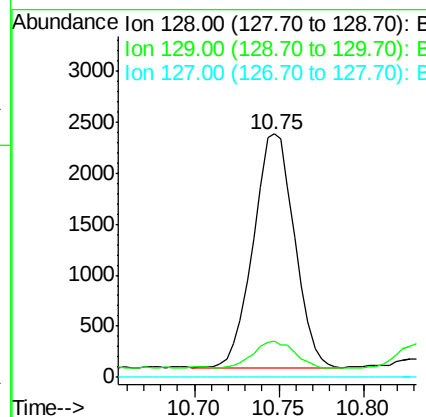
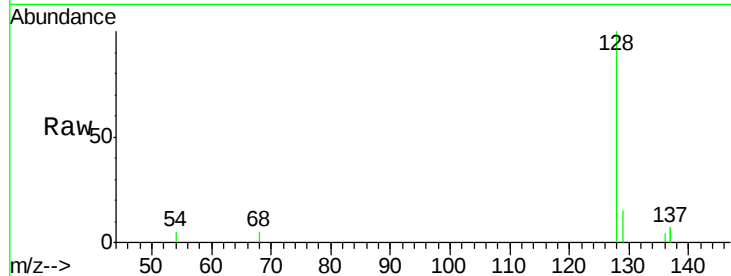
ClientSampleId :

JLC17

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	3875		
129	15.1	9.1	13.7#	
127	0.0	0.0	0.0	

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#5

2-Methylnaphthalene

Concen: 0.121 ng/ul

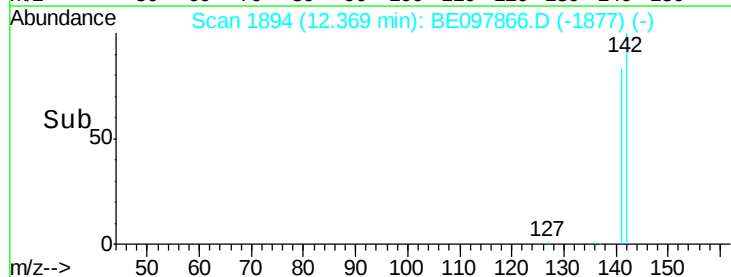
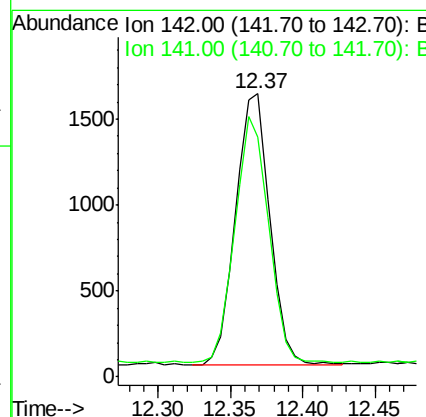
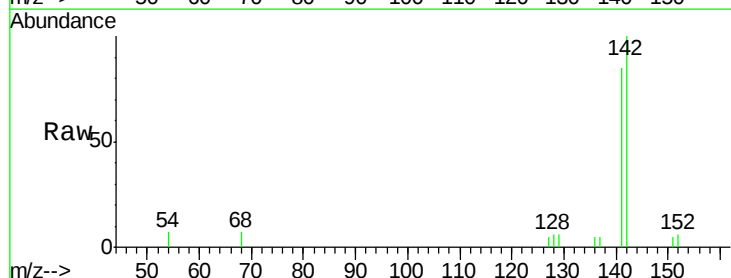
RT: 12.37 min Scan# 1894

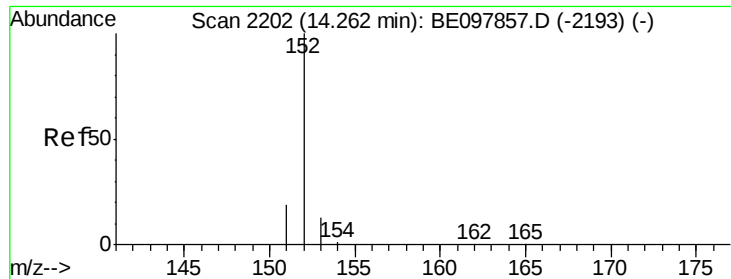
Delta R.T. 0.01 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	2606		
141	88.9	71.6	107.4	





#7

Acenaphthylene

Concen: 0.060 ng/u1

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Instrument :

BNA_E

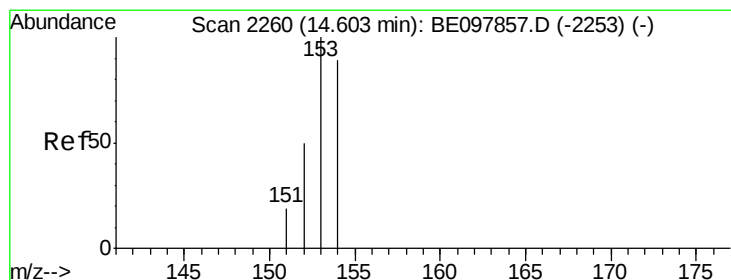
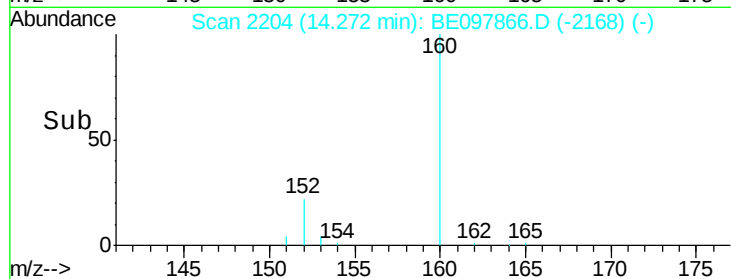
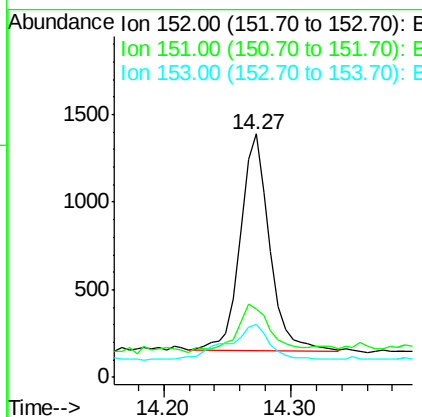
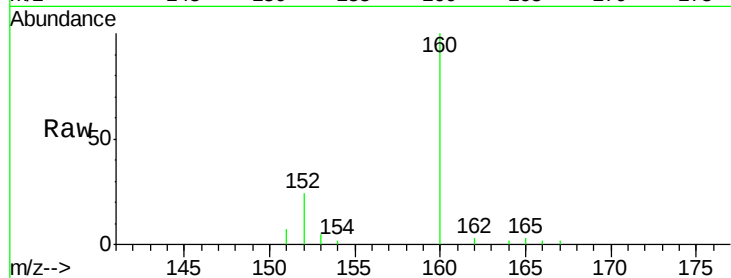
ClientSampleId :

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Tgt Ion:	152	Resp:	1989
Ion Ratio	Lower	Upper	
152	100		
151	28.1	15.0	22.6#
153	21.7	10.5	15.7#

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#8

Acenaphthene

Concen: 0.069 ng/u1

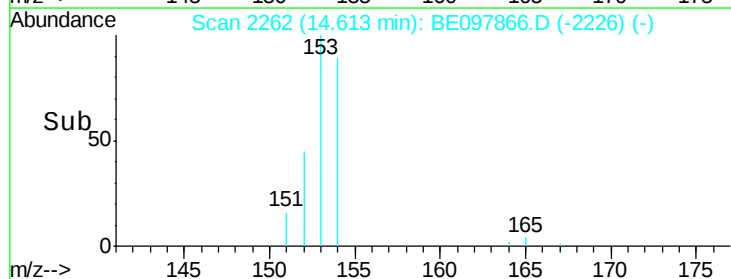
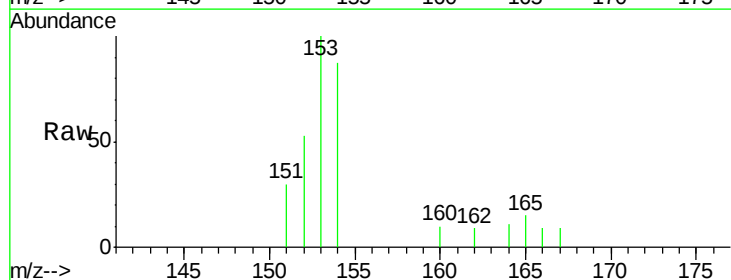
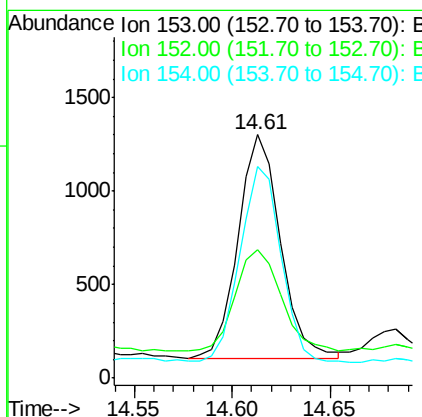
RT: 14.61 min Scan# 2262

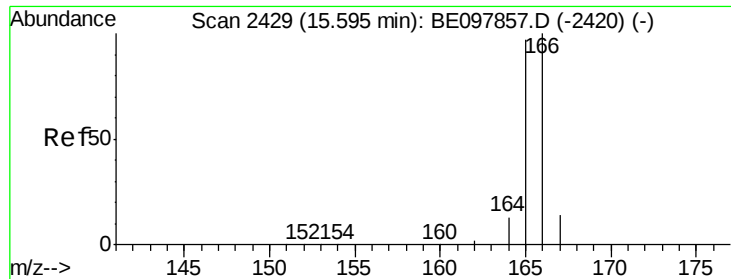
Delta R.T. 0.01 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Tgt Ion:	153	Resp:	1784
Ion Ratio	Lower	Upper	
153	100		
152	52.6	41.2	61.8
154	87.1	68.6	103.0





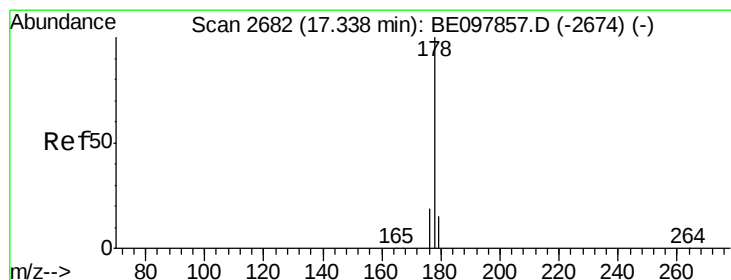
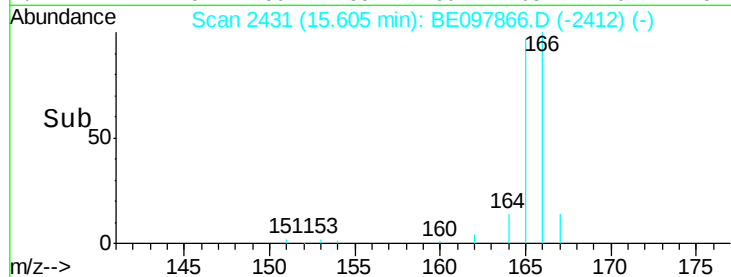
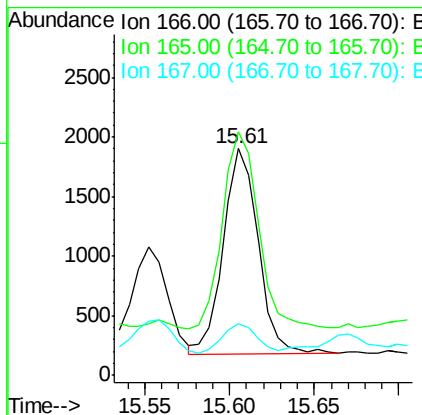
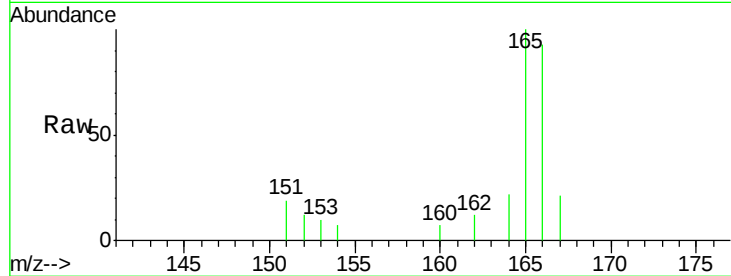
#9
Fluorene
 Concen: 0.073 ng/ul
 RT: 15.61 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BE097866.D
 Acq: 11 Oct 2018 20:33

Instrument :
 BNA_E
 ClientSampled :
 JLC17

Tgt Ion:166 Resp: 2472
 Ion Ratio Lower Upper
 166 100
 165 107.5 79.2 118.8
 167 22.7 11.3 16.9#

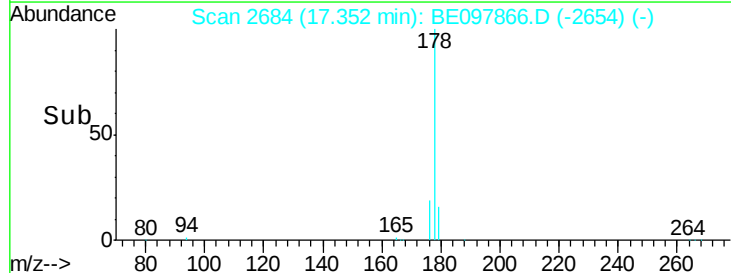
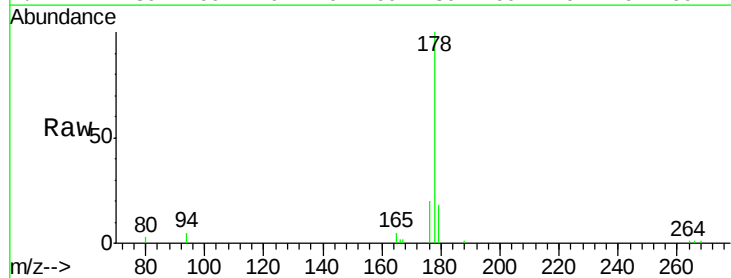
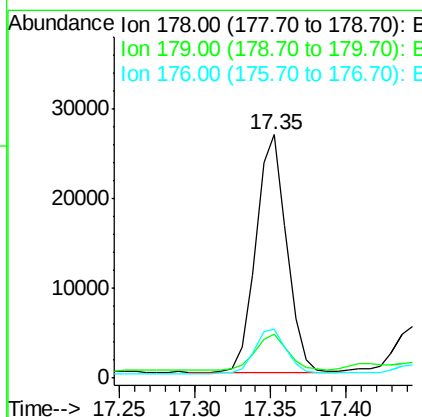
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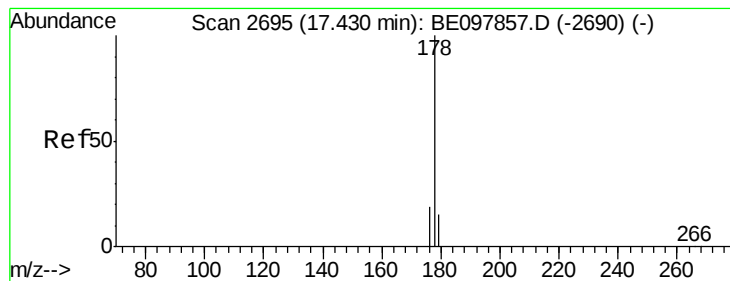
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#12
Phenanthrene
 Concen: 0.752 ng/ul
 RT: 17.35 min Scan# 2684
 Delta R.T. 0.01 min
 Lab File: BE097866.D
 Acq: 11 Oct 2018 20:33

Tgt Ion:178 Resp: 37361
 Ion Ratio Lower Upper
 178 100
 179 18.2 12.8 19.2
 176 20.4 14.9 22.3





#13

Anthracene

Concen: 0.150 ng/ul m

RT: 17.44 min Scan# 2697

Delta R.T. 0.01 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Instrument :

BNA_E

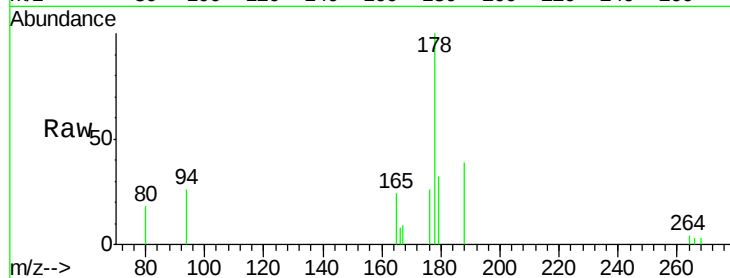
ClientSampleId :

JLC17

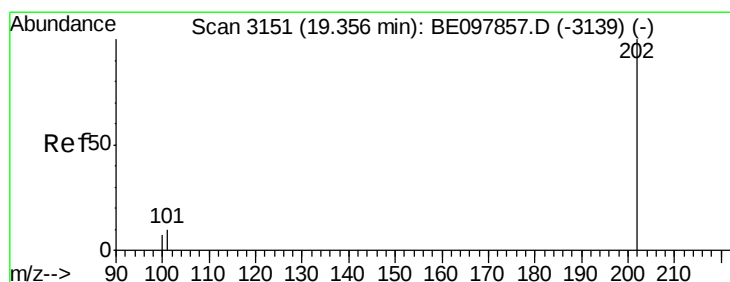
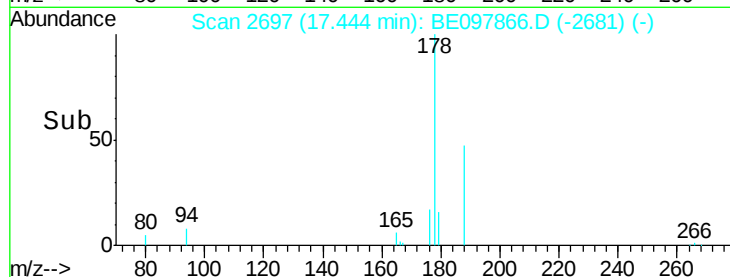
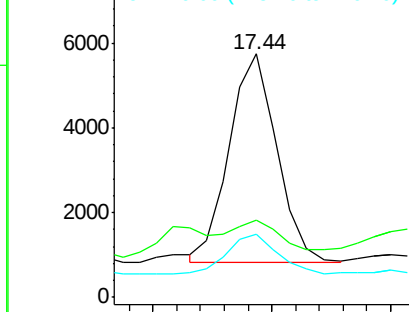
Tgt Ion:	178	Resp:	6906
Ion Ratio	Lower	Upper	
178	100		
179	31.6	12.9	19.3#
176	25.7	15.5	23.3#

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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



#15

Fluoranthene

Concen: 0.996 ng/ul m

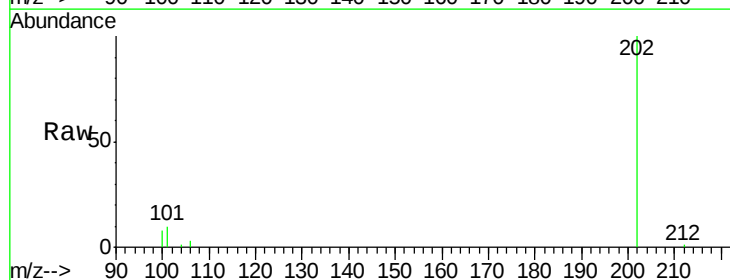
RT: 19.37 min Scan# 3155

Delta R.T. 0.01 min

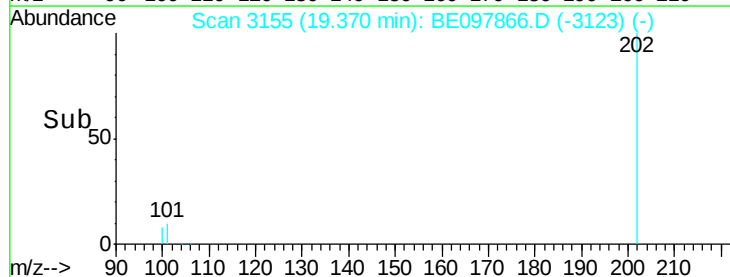
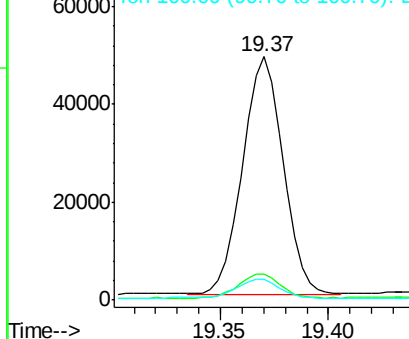
Lab File: BE097866.D

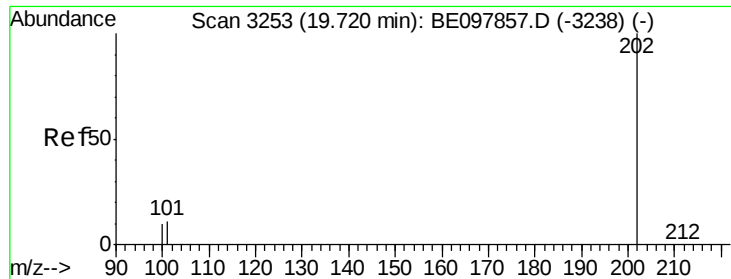
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Tgt Ion:	202	Resp:	63552
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.3
100	8.4	0.0	27.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E





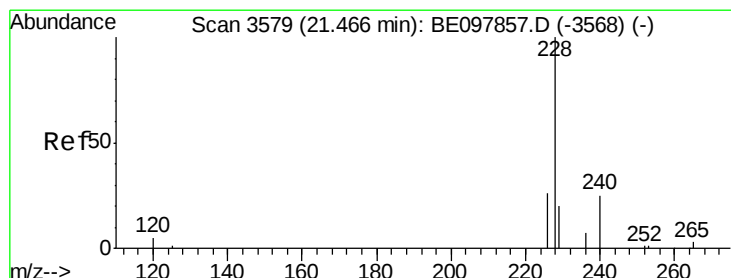
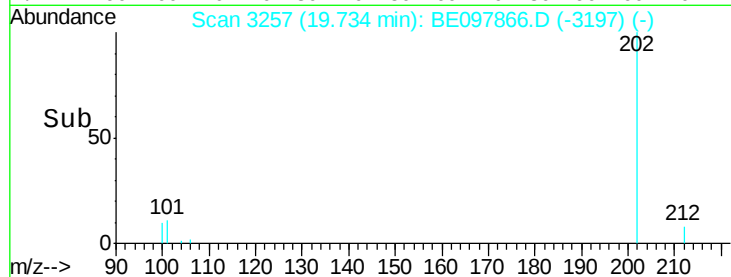
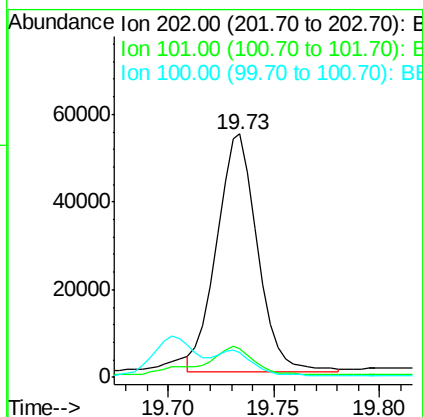
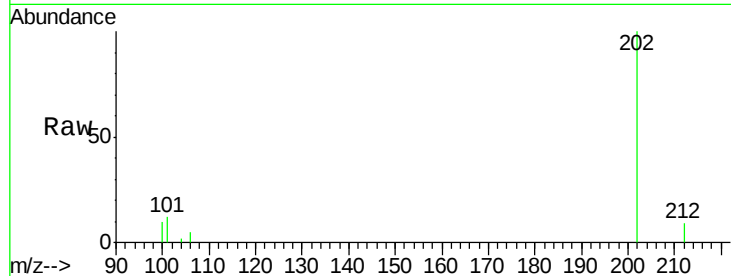
#17
Pyrene
 Concen: 1.219 ng/ul m
 RT: 19.73 min Scan# 3257
 Delta R.T. 0.01 min
 Lab File: BE097866.D
 Acq: 11 Oct 2018 20:33

Instrument :
 BNA_E
 ClientSampleId :
 JLC17

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	8.8	13.2
100	10.3	7.9	11.9

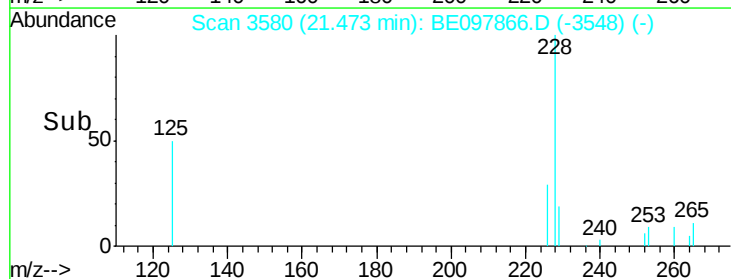
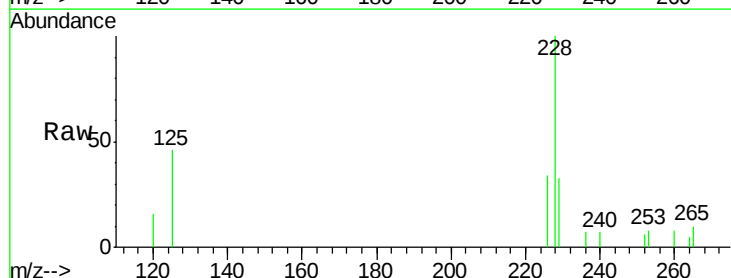
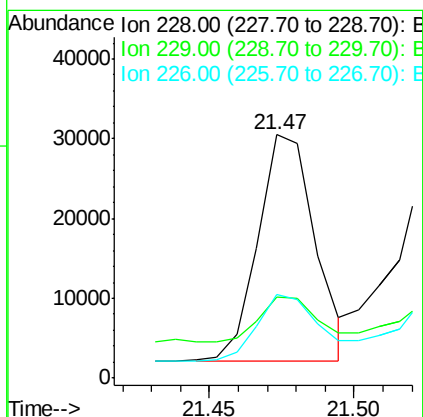
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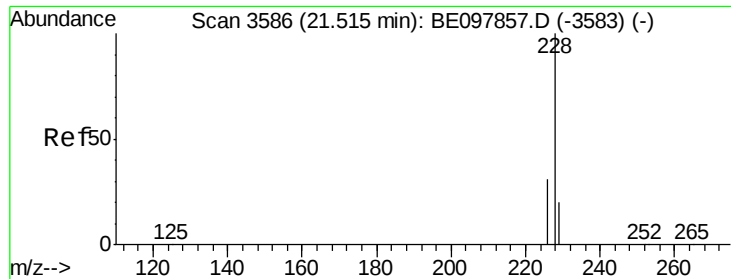
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#18
Benzo(a)anthracene
 Concen: 0.642 ng/ul m
 RT: 21.47 min Scan# 3580
 Delta R.T. 0.01 min
 Lab File: BE097866.D
 Acq: 11 Oct 2018 20:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	33.2	16.4	24.6#
226	34.1	21.5	32.3#





#19

Chrysene

Concen: 1.023 ng/ul m

RT: 21.53 min Scan# 3588

Delta R.T. 0.01 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Instrument :

BNA_E

ClientSampled :

JLC17

Tgt Ion: 228 Resp: 55808

Ion Ratio Lower Upper

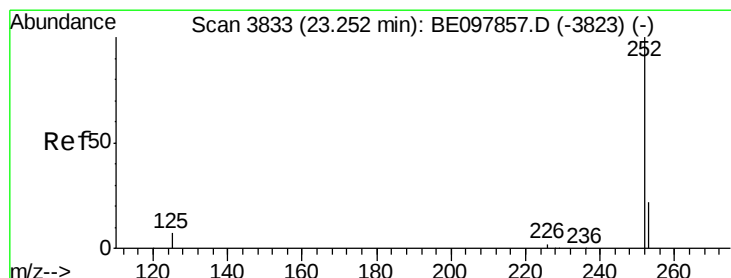
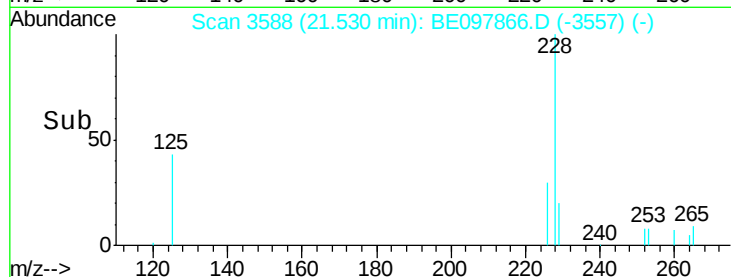
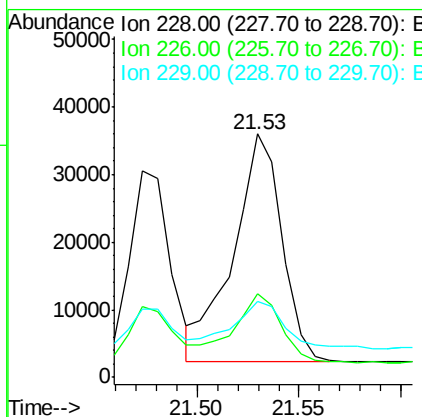
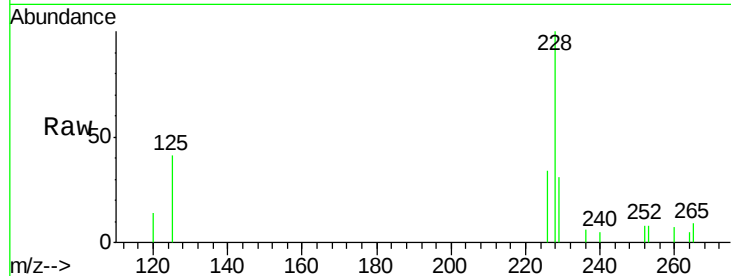
228 100

226 34.3 23.0 34.4

229 31.0 15.5 23.3#

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#21

Benzo(b)fluoranthene

Concen: 1.468 ng/ul m

RT: 23.27 min Scan# 3836

Delta R.T. 0.02 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

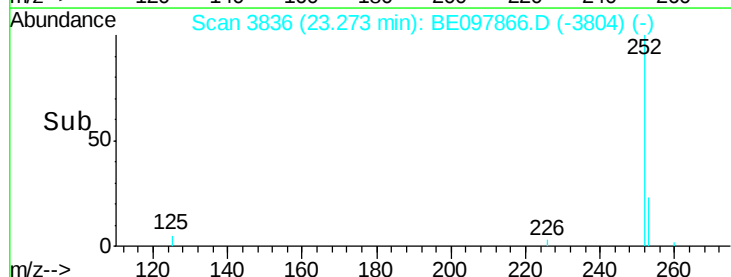
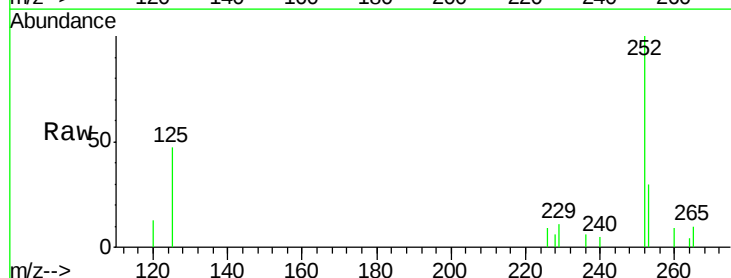
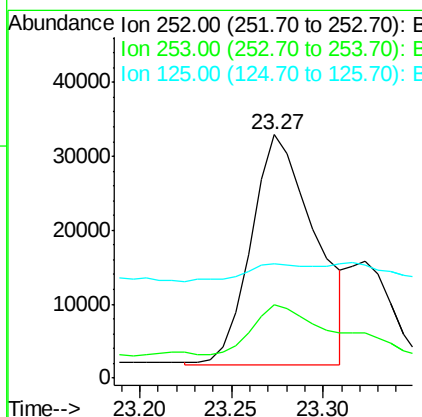
Tgt Ion: 252 Resp: 75386

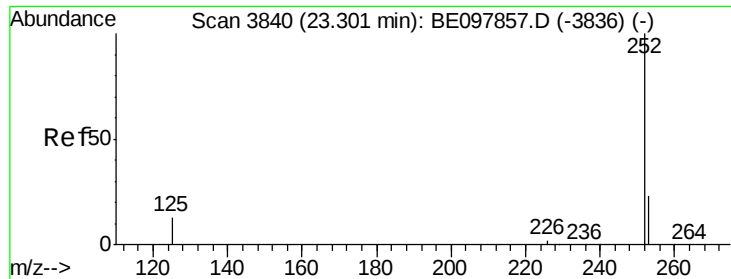
Ion Ratio Lower Upper

252 100

253 30.3 0.0 47.0

125 46.9 0.0 18.2#





#22

Benzo(k)fluoranthene

Concen: 0.417 ng/ul m

RT: 23.32 min Scan# 3843

Delta R.T. 0.02 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Instrument :

BNA_E

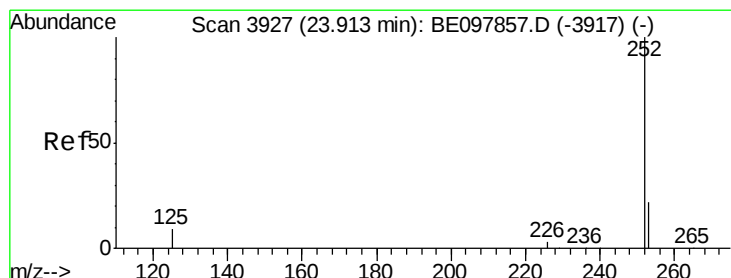
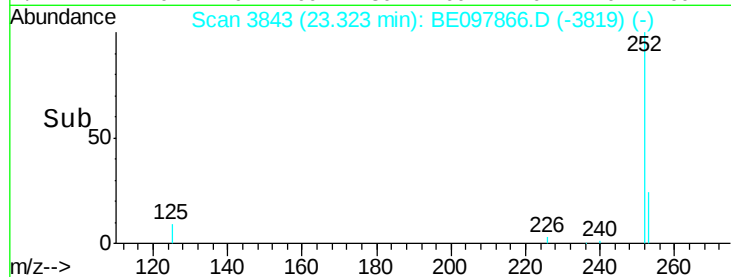
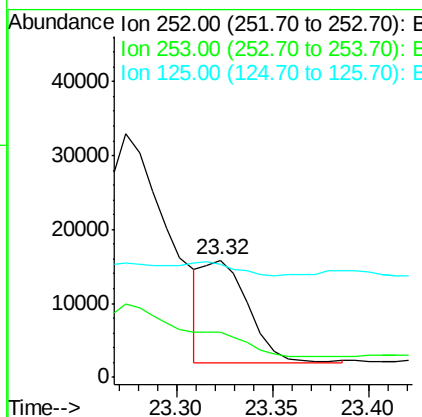
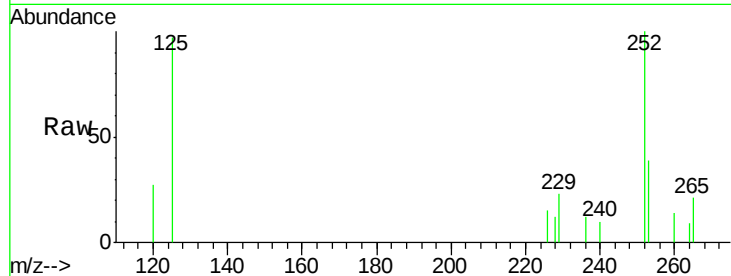
ClientSampleId :

JLC17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.0	17.8	26.6#
125	96.6	9.4	14.0#

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#23

Benzo(a)pyrene

Concen: 0.942 ng/ul

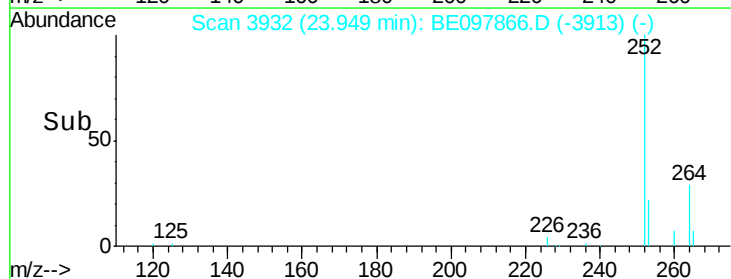
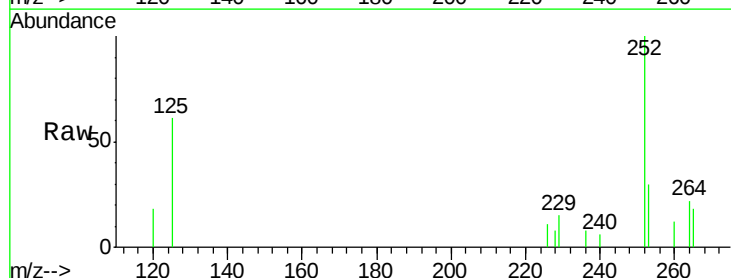
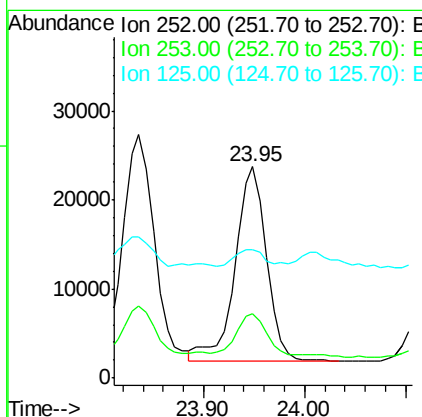
RT: 23.95 min Scan# 3932

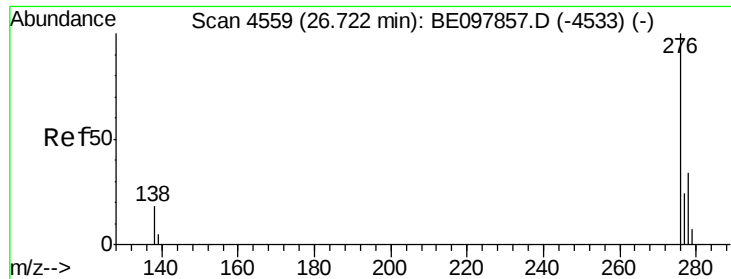
Delta R.T. 0.04 min

Lab File: BE097866.D

Acq: 11 Oct 2018 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	18.2	27.4#
125	61.1	8.3	12.5#





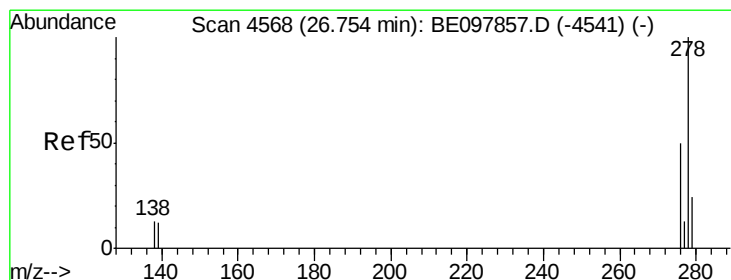
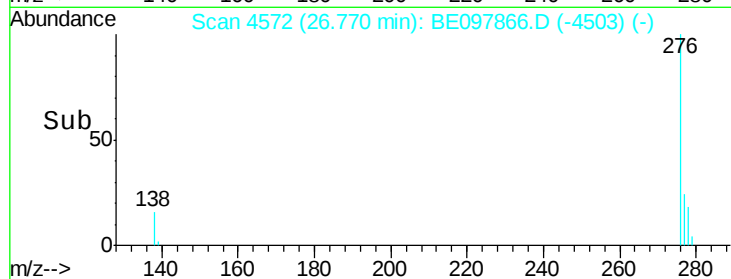
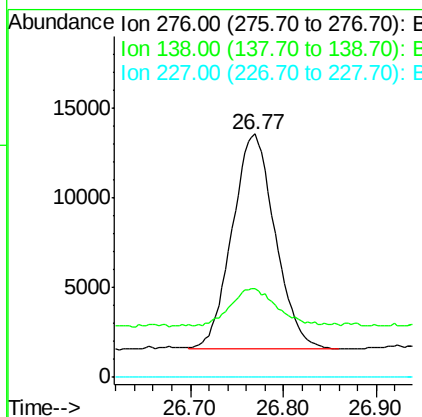
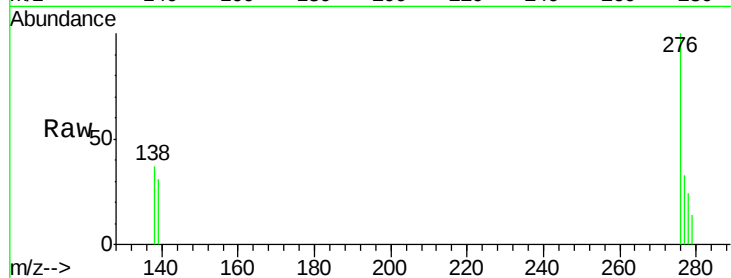
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.673 ng/u1
 RT: 26.77 min Scan# 4572
 Delta R.T. 0.05 min
 Lab File: BE097866.D
 Acq: 11 Oct 2018 20:33

Instrument :
 BNA_E
 ClientSampleId :
 JLC17

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	19.6	0.0	0.0#
227	0.0	0.0	0.0

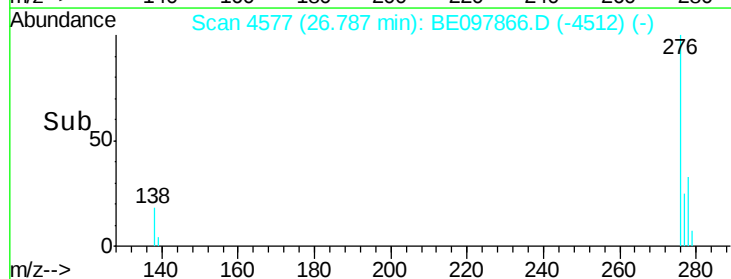
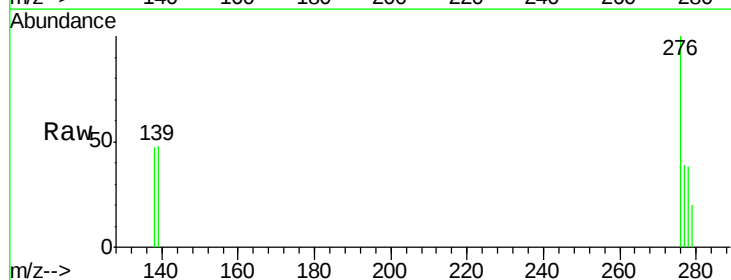
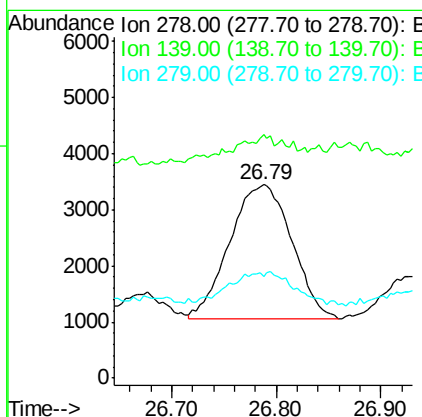
Manual Integrations
 APPROVED

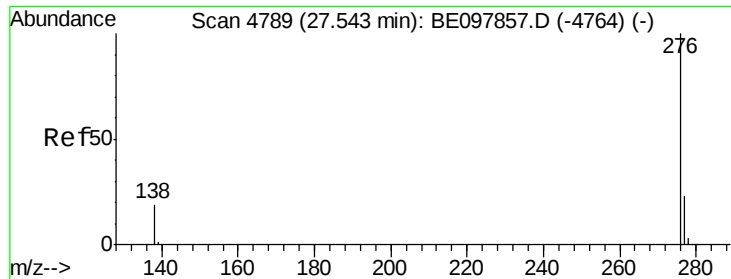
Sohil
 10/12/2018 6:34:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.207 ng/u1
 RT: 26.79 min Scan# 4577
 Delta R.T. 0.03 min
 Lab File: BE097866.D
 Acq: 11 Oct 2018 20:33

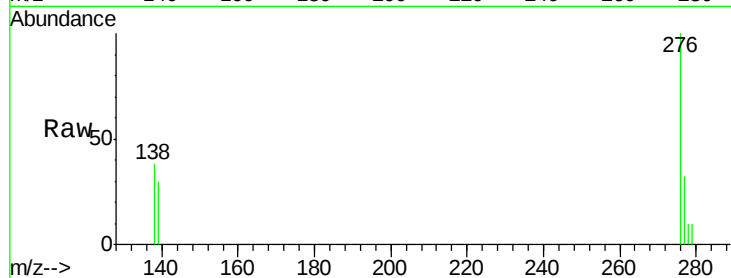
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	125.8	10.9	16.3#
279	52.2	18.8	28.2#





#26
 Benzo(g,h,i)perylene
 Concen: 0.852 ng/ul
 RT: 27.60 min Scan# 4804
 Delta R.T. 0.05 min
 Lab File: BE097866.D
 Acq: 11 Oct 2018 20:33

Instrument :
 BNA_E
 ClientSampleId :
 JLC17



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	37.6	14.3	21.5#	
277	31.9	19.5	29.3#	

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:34:56 PM

