

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097875.D
 Acq On : 12 Oct 2018 2:04
 Operator : SJ/JU
 Sample : J5183-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC16DL

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:35:05 PM

Quant Time: Oct 12 05:19:43 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 04:56:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2774	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	14046	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	9550	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	23257	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	24203	0.40	ng/ul	0.00
20) Perylene-d12	24.06	264	25448	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1473	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	4718	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	778	0.023	ng/ul#	69
5) 2-Methylnaphthalene	12.37	142	571	0.023	ng/ul	98
8) Acenaphthene	14.62	153	786	0.028	ng/ul	96
12) Phenanthrene	17.35	178	17715	0.322	ng/ul	98
13) Anthracene	17.44	178	3097	0.061	ng/ul#	89
15) Fluoranthene	19.37	202	52079	0.737	ng/ul	97
17) Pyrene	19.73	202	62454	0.866	ng/ul	99
18) Benzo(a)anthracene	21.48	228	31019	0.424	ng/ul#	92
19) Chrysene	21.53	228	50687	0.771	ng/ul#	92
21) Benzo(b)fluoranthene	23.27	252	68443m	1.006	ng/ul	
22) Benzo(k)fluoranthene	23.32	252	18281m	0.251	ng/ul	
23) Benzo(a)pyrene	23.95	252	27628	0.414	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	26.76	276	26793	0.353	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.79	278	6875	0.110	ng/ul#	7
26) Benzo(g,h,i)perylene	27.60	276	30330	0.459	ng/ul#	83

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

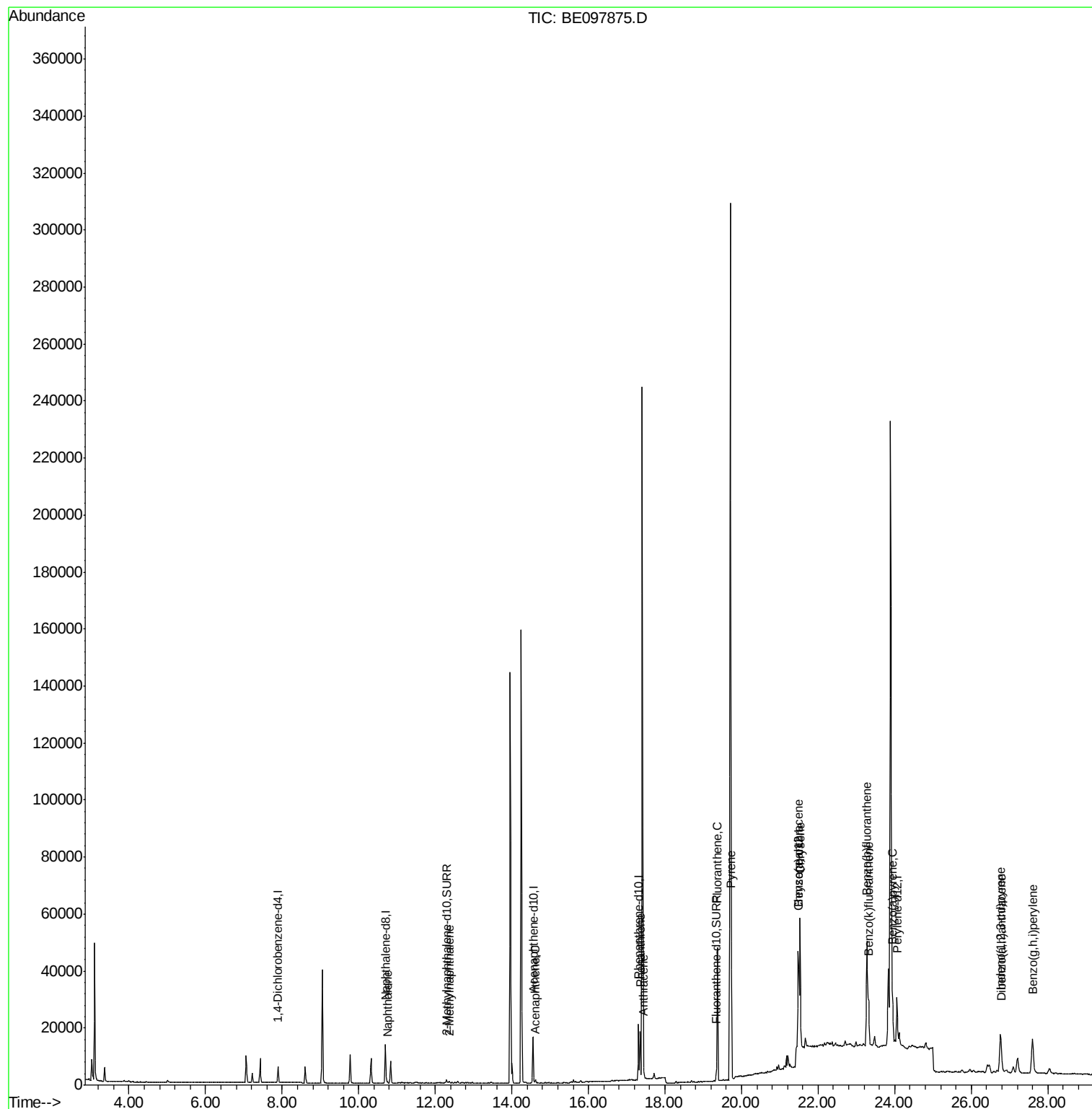
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097875.D
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ALS Vial : 26 Sample Multiplier: 1

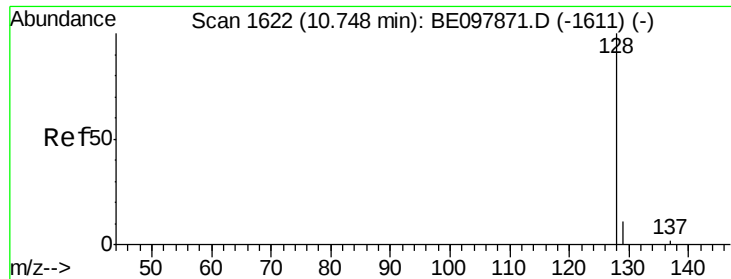
Instrument :
BNA_E
ClientSampled :
JLC16DL

Manual Integrations
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Quant Time: Oct 12 05:19:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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QLast Update : Fri Oct 12 04:56:57 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

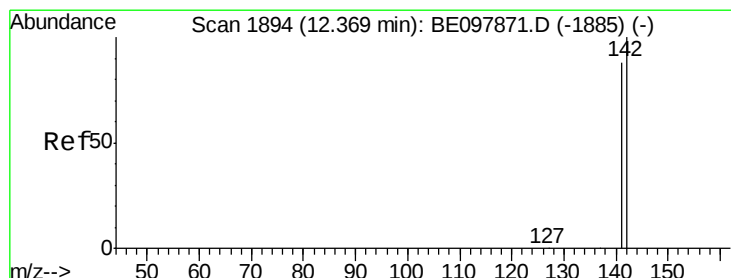
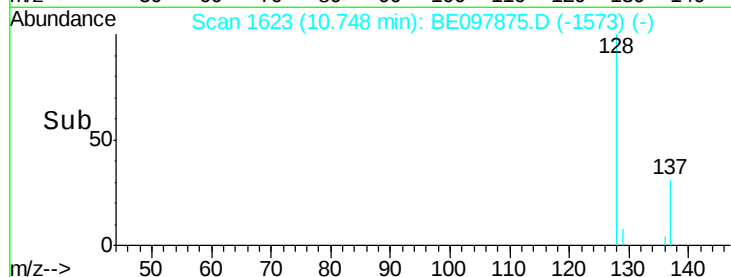
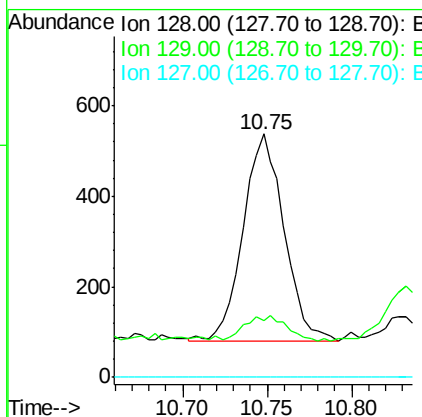
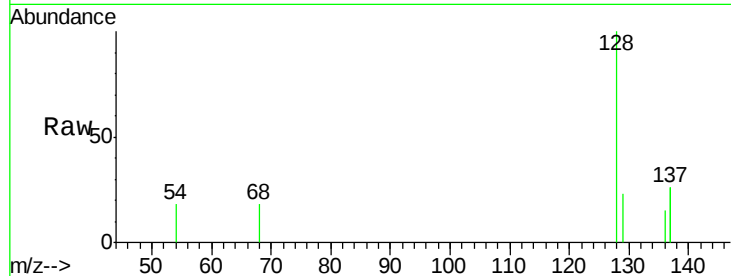
ClientSampleId :

JLC16DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	23.2	9.1	13.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

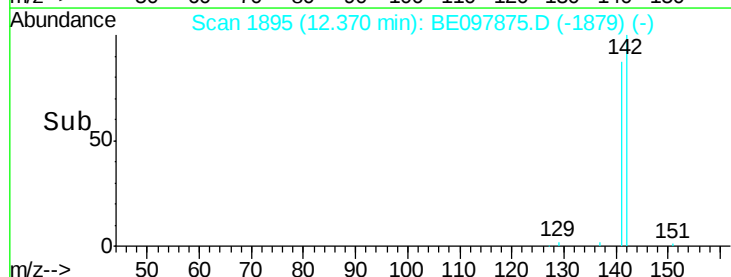
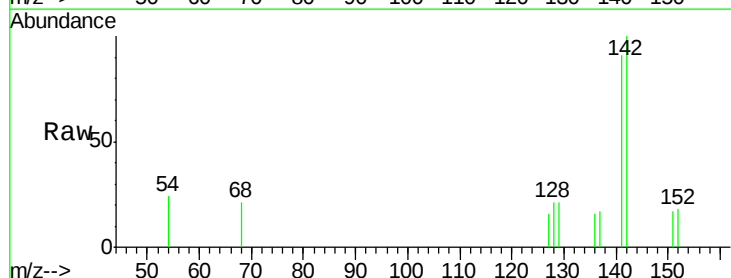
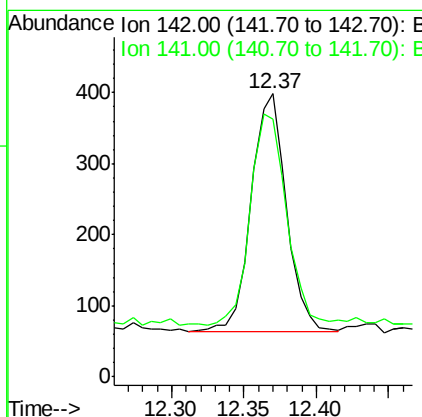
RT: 12.37 min Scan# 1895

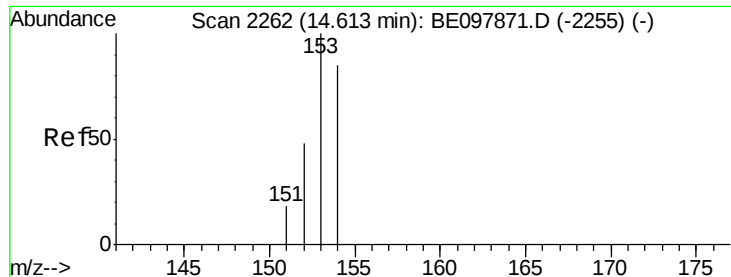
Delta R.T. 0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.6	107.4





#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

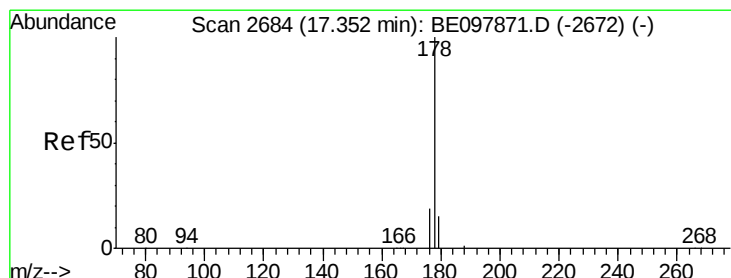
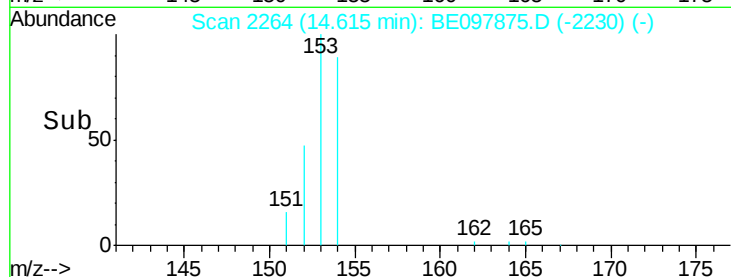
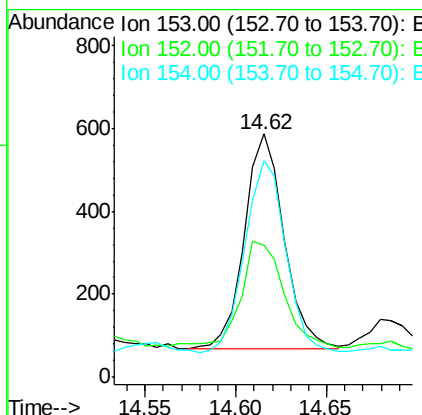
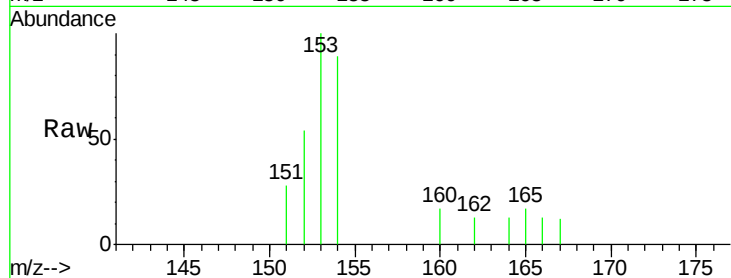
ClientSampleId :

JLC16DL

Tgt Ion:	153	Resp:	786
Ion Ratio	Lower	Upper	
153	100		
152	54.3	41.2	61.8
154	89.1	68.6	103.0

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#12

Phenanthrene

Concen: 0.322 ng/ul

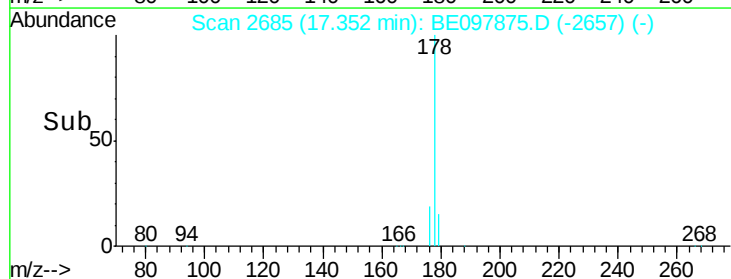
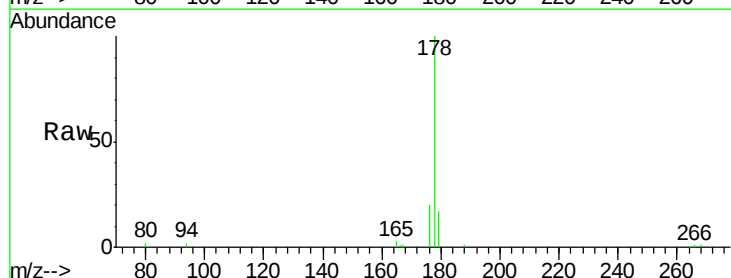
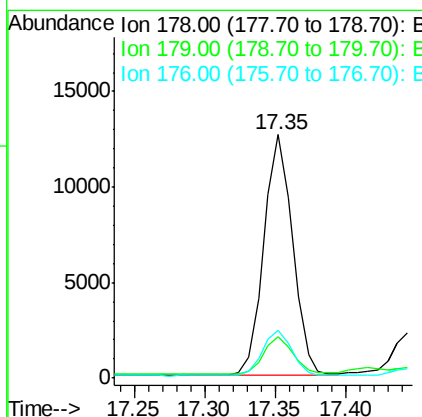
RT: 17.35 min Scan# 2685

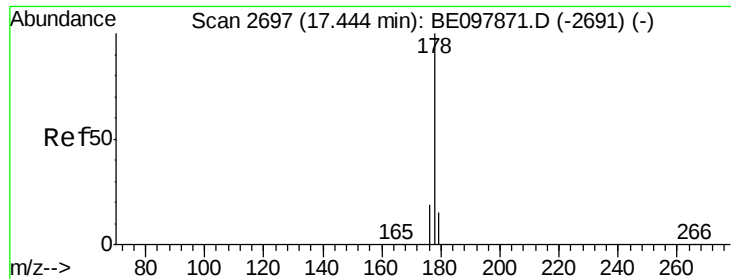
Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Tgt Ion:	178	Resp:	17715
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.8	19.2
176	19.9	14.9	22.3





#13

Anthracene

Concen: 0.061 ng/ul

RT: 17.44 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

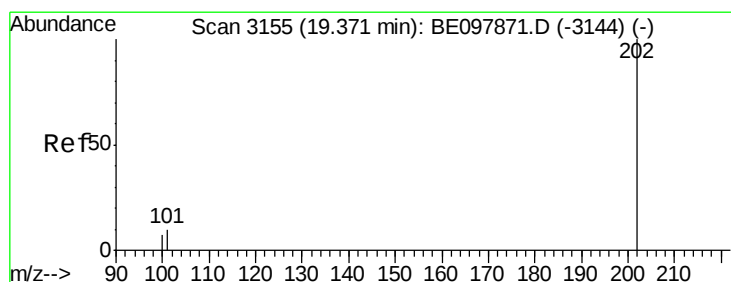
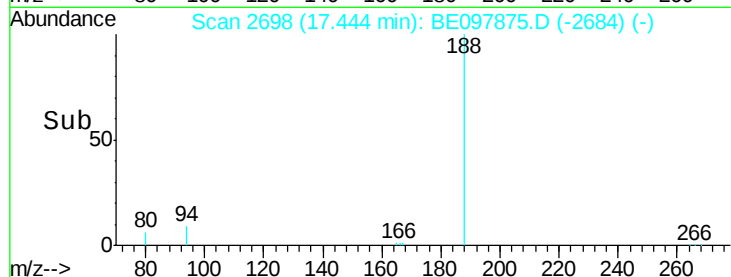
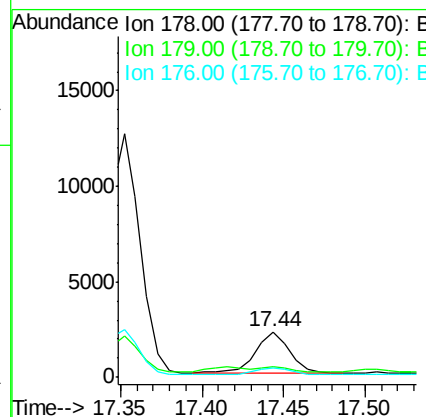
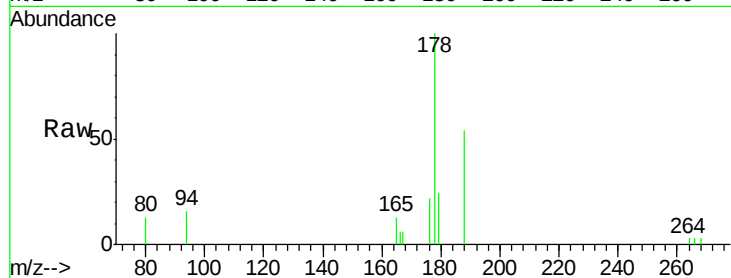
ClientSampleId :

JLC16DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.0	12.9	19.3#
176	21.9	15.5	23.3

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#15

Fluoranthene

Concen: 0.737 ng/ul

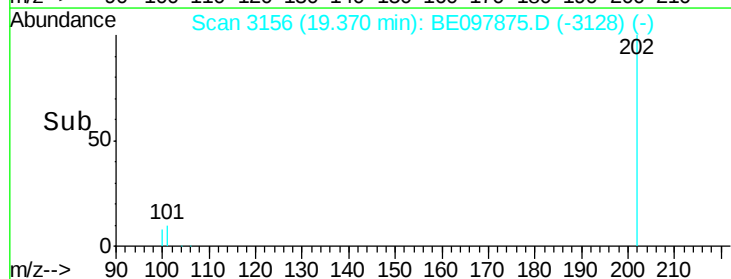
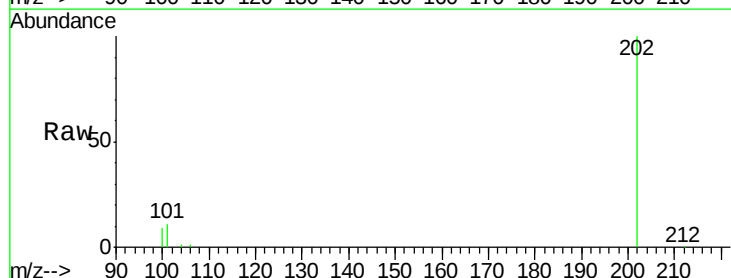
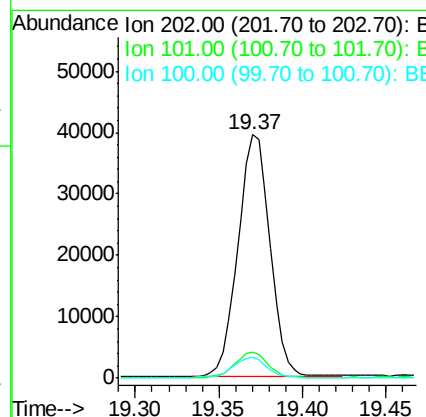
RT: 19.37 min Scan# 3156

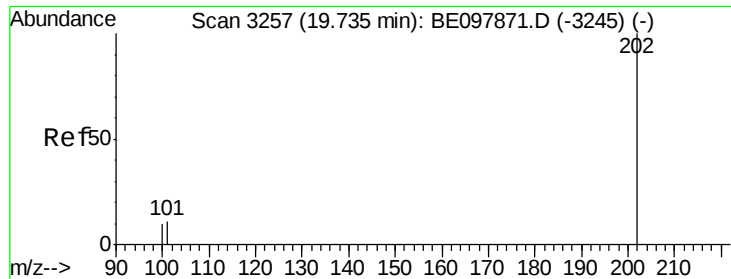
Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.3
100	8.5	0.0	27.5





#17

Pyrene

Concen: 0.866 ng/ul

RT: 19.73 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

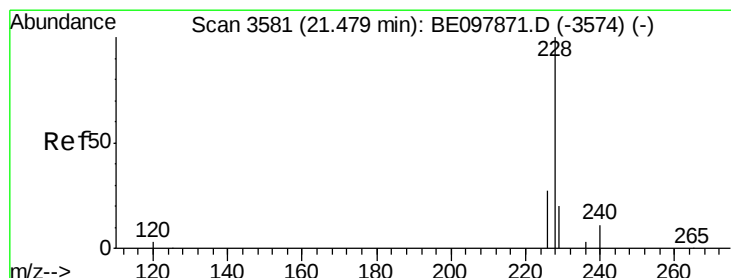
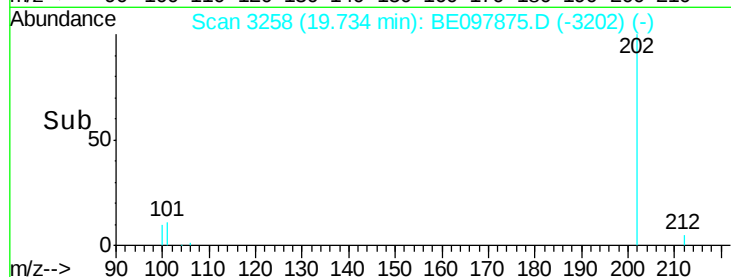
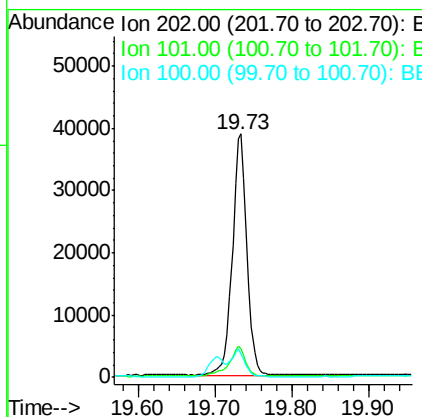
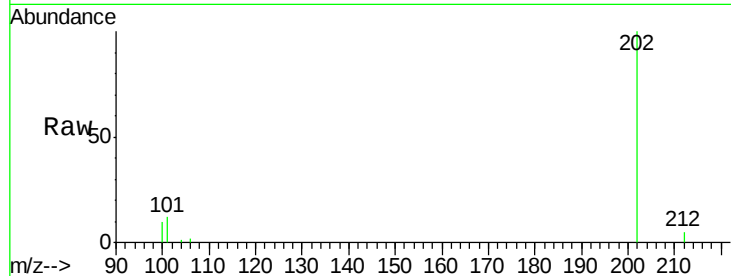
ClientSampleId :

JLC16DL

Tgt Ion:	202	Resp:	62454
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.8	13.2
100	9.8	7.9	11.9

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#18

Benzo(a)anthracene

Concen: 0.424 ng/ul

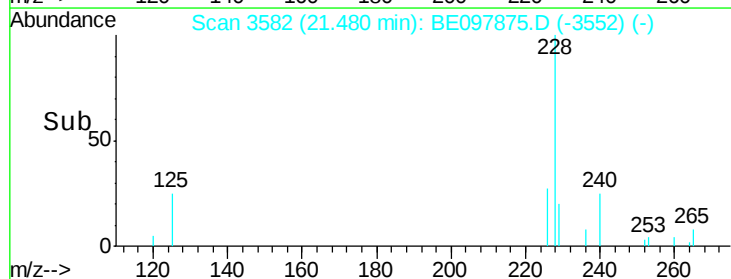
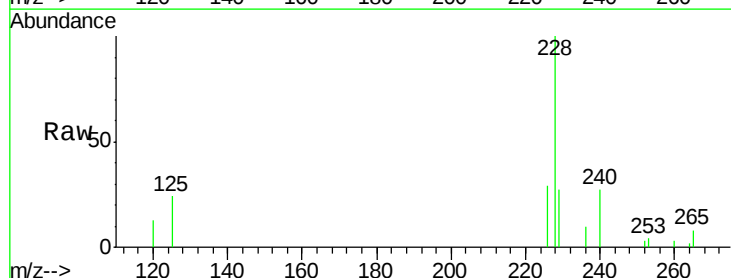
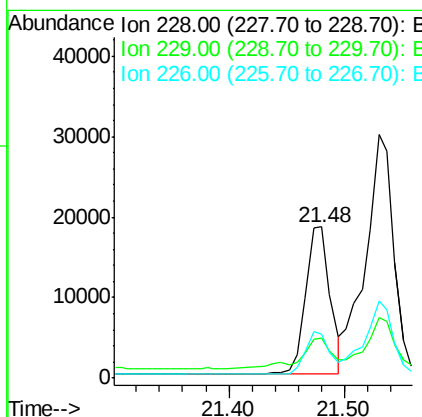
RT: 21.48 min Scan# 3582

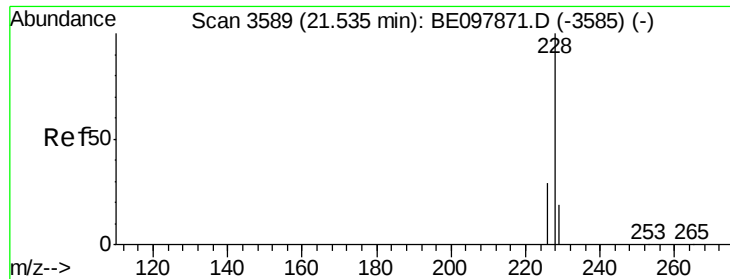
Delta R.T. 0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Tgt Ion:	228	Resp:	31019
Ion Ratio	Lower	Upper	
228	100		
229	26.7	16.4	24.6#
226	29.1	21.5	32.3





#19

Chrysene

Concen: 0.771 ng/ul

RT: 21.53 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

ClientSampleId :

JLC16DL

Tgt Ion:228 Resp: 50687

Ion Ratio Lower Upper

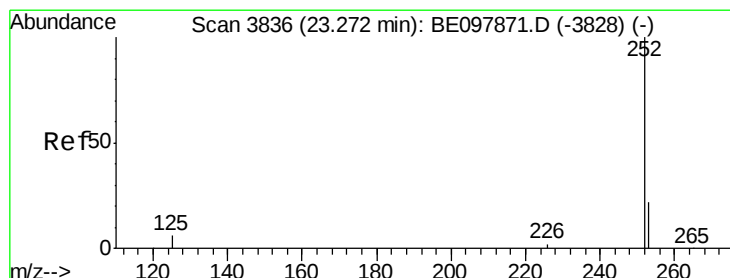
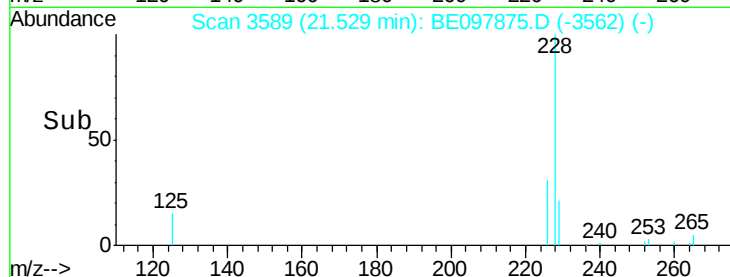
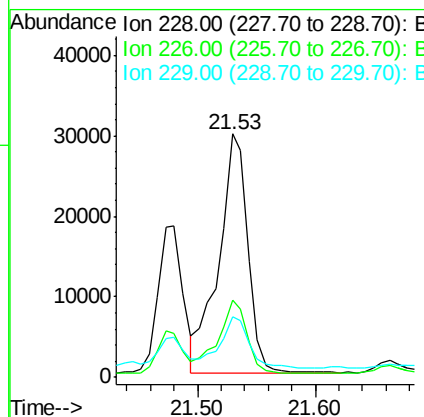
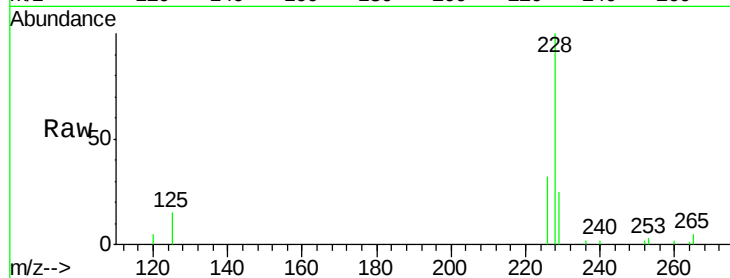
228 100

226 31.9 23.0 34.4

229 24.7 15.5 23.3#

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#21

Benzo(b)fluoranthene

Concen: 1.006 ng/ul m

RT: 23.27 min Scan# 3837

Delta R.T. 0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

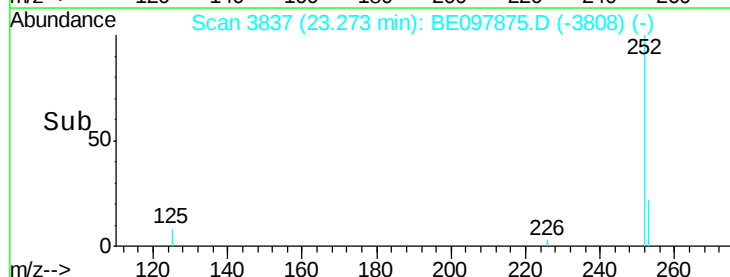
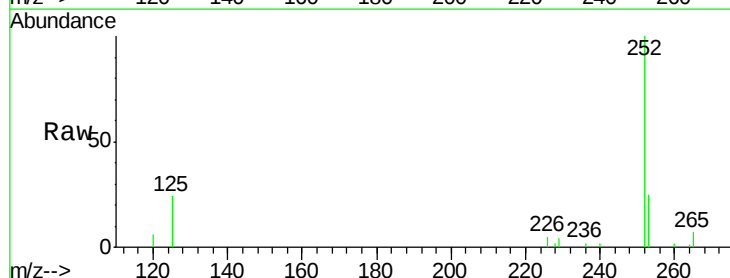
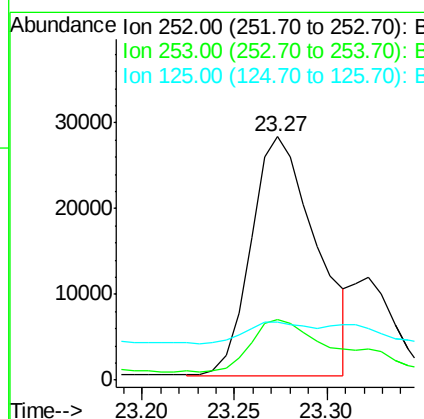
Tgt Ion:252 Resp: 68443

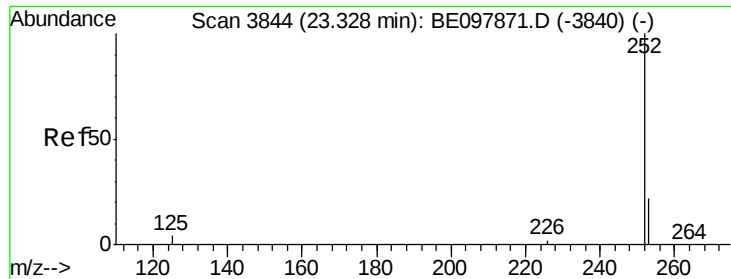
Ion Ratio Lower Upper

252 100

253 25.1 0.0 47.0

125 23.6 0.0 18.2#





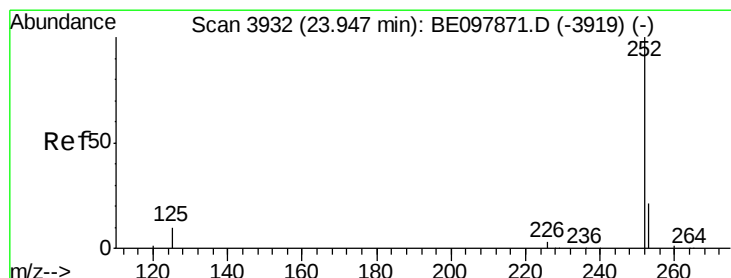
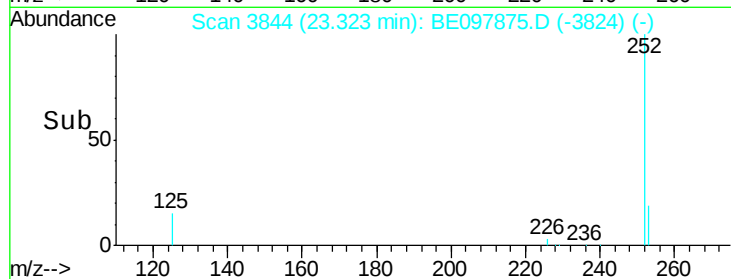
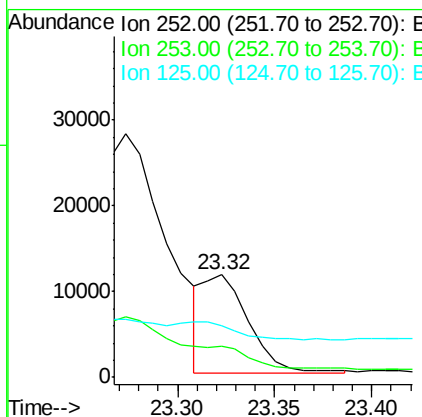
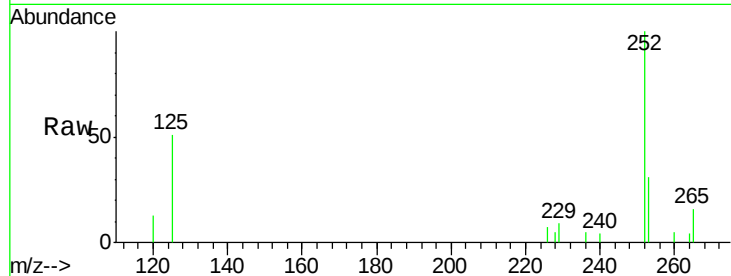
#22
Benzo(k)fluoranthene
Concen: 0.251 ng/ul m
RT: 23.32 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BE097875.D
Acq: 12 Oct 2018 2:04

Instrument :
BNA_E
ClientSampleId :
JLC16DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	30.5	17.8	26.6#
125	50.9	9.4	14.0#

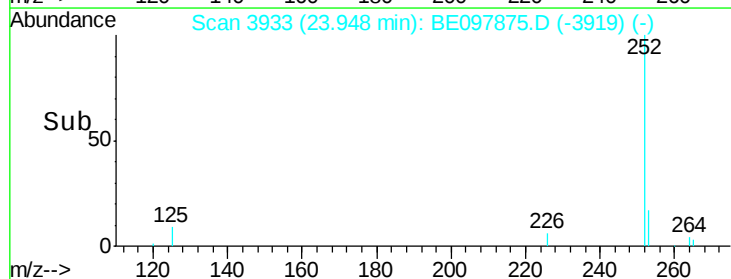
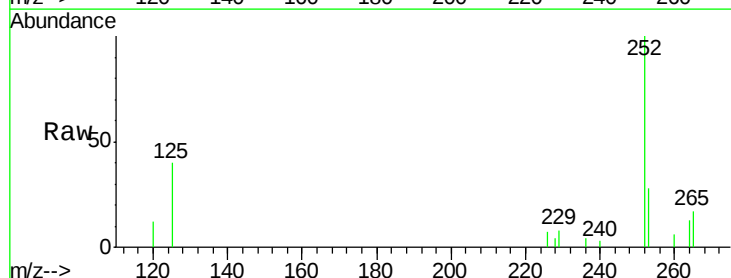
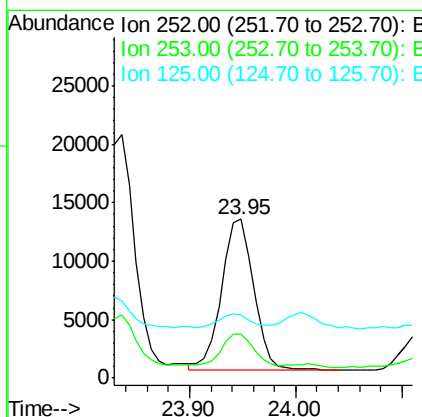
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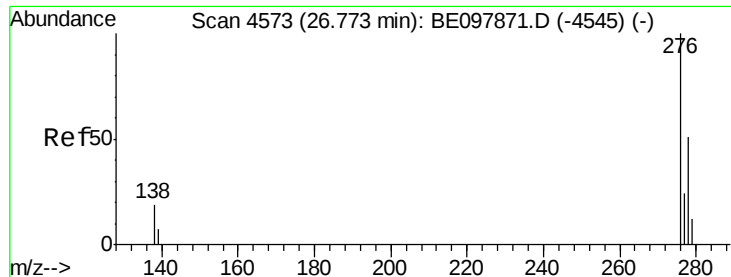
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#23
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.95 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BE097875.D
Acq: 12 Oct 2018 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.9	18.2	27.4#
125	39.6	8.3	12.5#





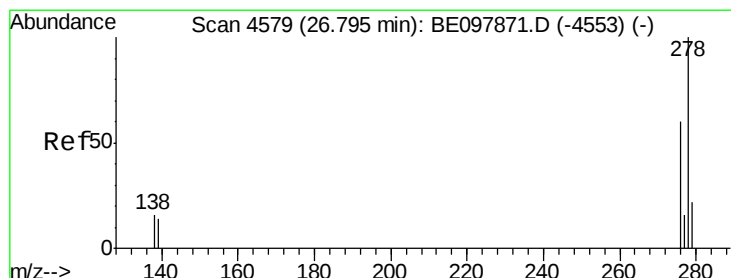
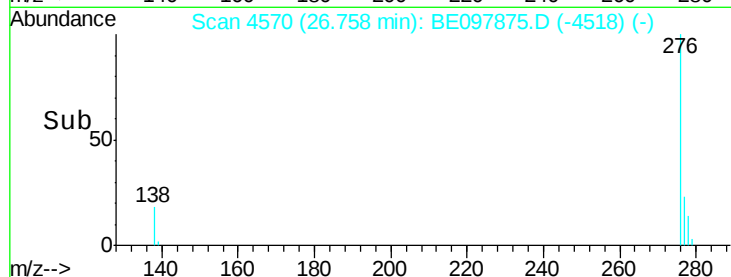
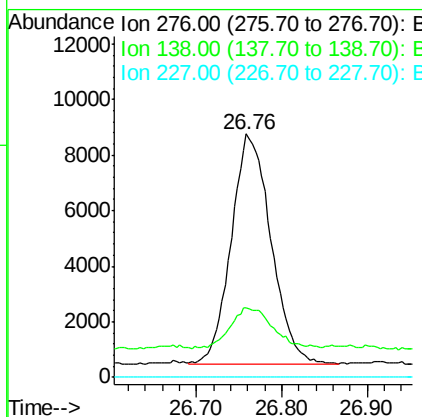
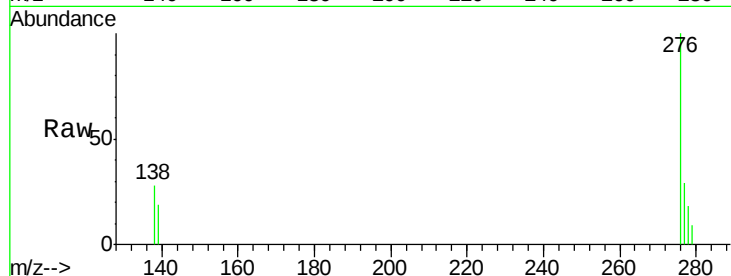
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.353 ng/u1
 RT: 26.76 min Scan# 4570
 Delta R.T. -0.01 min
 Lab File: BE097875.D
 Acq: 12 Oct 2018 2:04

Instrument :
 BNA_E
 ClientSampleId :
 JLC16DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		26793
138	18.8	0.0	0.0#
227	0.0	0.0	0.0

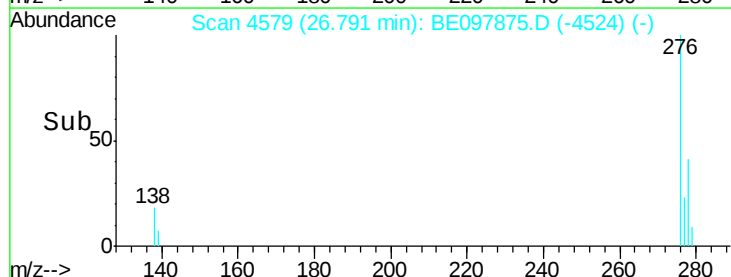
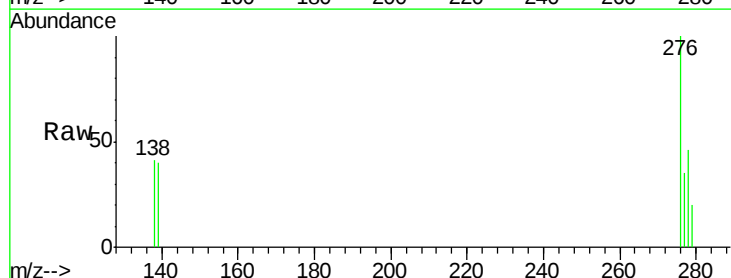
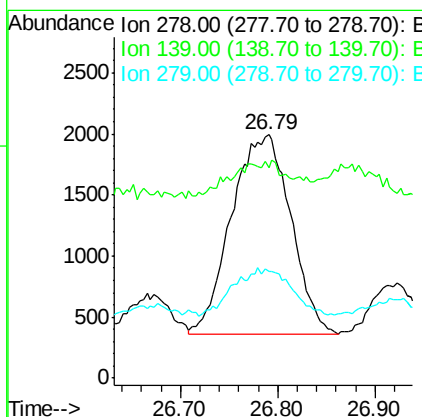
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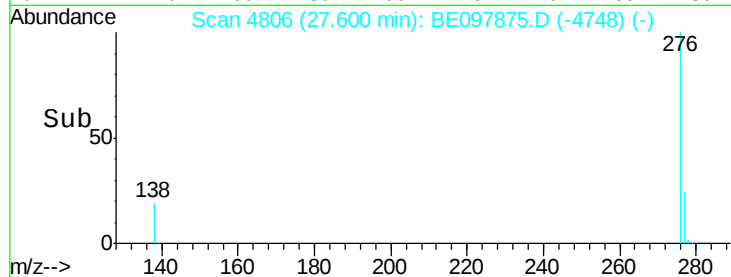
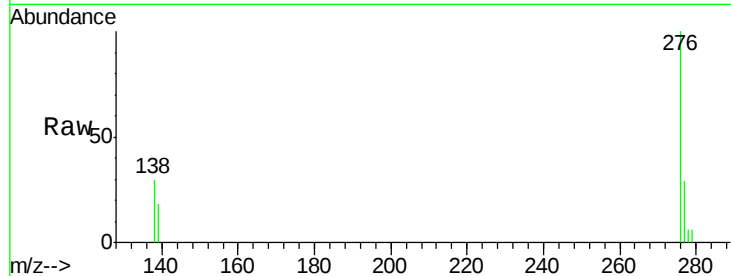
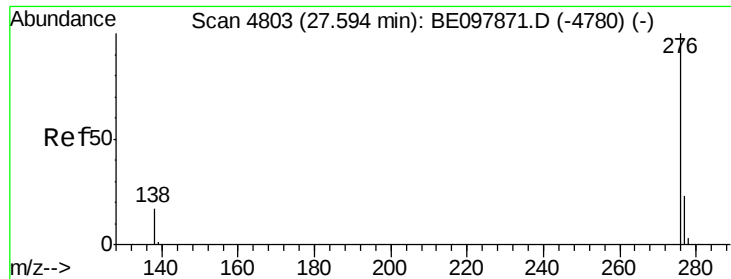
Sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/u1
 RT: 26.79 min Scan# 4579
 Delta R.T. -0.00 min
 Lab File: BE097875.D
 Acq: 12 Oct 2018 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		6875
139	86.2	10.9	16.3#
279	44.0	18.8	28.2#





#26
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 27.60 min Scan# 4806
Delta R.T. 0.01 min
Lab File: BE097875.D
Acq: 12 Oct 2018 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.8	14.3	21.5#
277	28.8	19.5	29.3

Instrument :
BNA_E
ClientSampleId :
JLC16DL

Manual Integrations
APPROVED

Sohil
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