

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097859.D
 Acq On : 11 Oct 2018 16:13
 Operator : SJ/JU
 Sample : J5184-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC20DL

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:34:49 PM

Quant Time: Oct 11 17:26:25 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 : Thu Oct 11 14:16:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2276	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11284	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	8380	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	25161	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	35632	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	31690	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1259	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	5613	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	1997	0.073	ng/ul#	86
5) 2-Methylnaphthalene	12.36	142	933	0.047	ng/ul	99
7) Acenaphthylene	14.26	152	658	0.021	ng/ul#	69
8) Acenaphthene	14.60	153	517	0.021	ng/ul#	92
11) Pentachlorophenol	16.94	266	192	0.054	ng/ul#	74
12) Phenanthrene	17.34	178	14802	0.248	ng/ul	96
13) Anthracene	17.43	178	2967	0.054	ng/ul#	84
15) Fluoranthene	19.36	202	51524	0.674	ng/ul	97
17) Pyrene	19.72	202	73538	0.693	ng/ul	98
18) Benzo(a)anthracene	21.47	228	45067m	0.418	ng/ul	
19) Chrysene	21.51	228	132217	1.366	ng/ul	95
21) Benzo(b)fluoranthene	23.25	252	178528m	2.108	ng/ul	
22) Benzo(k)fluoranthene	23.30	252	48181m	0.531	ng/ul	
23) Benzo(a)pyrene	23.92	252	45647	0.549	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.72	276	58279	0.617	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.75	278	16573	0.212	ng/ul#	63
26) Benzo(g,h,i)perylene	27.55	276	73053	0.888	ng/ul#	95

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

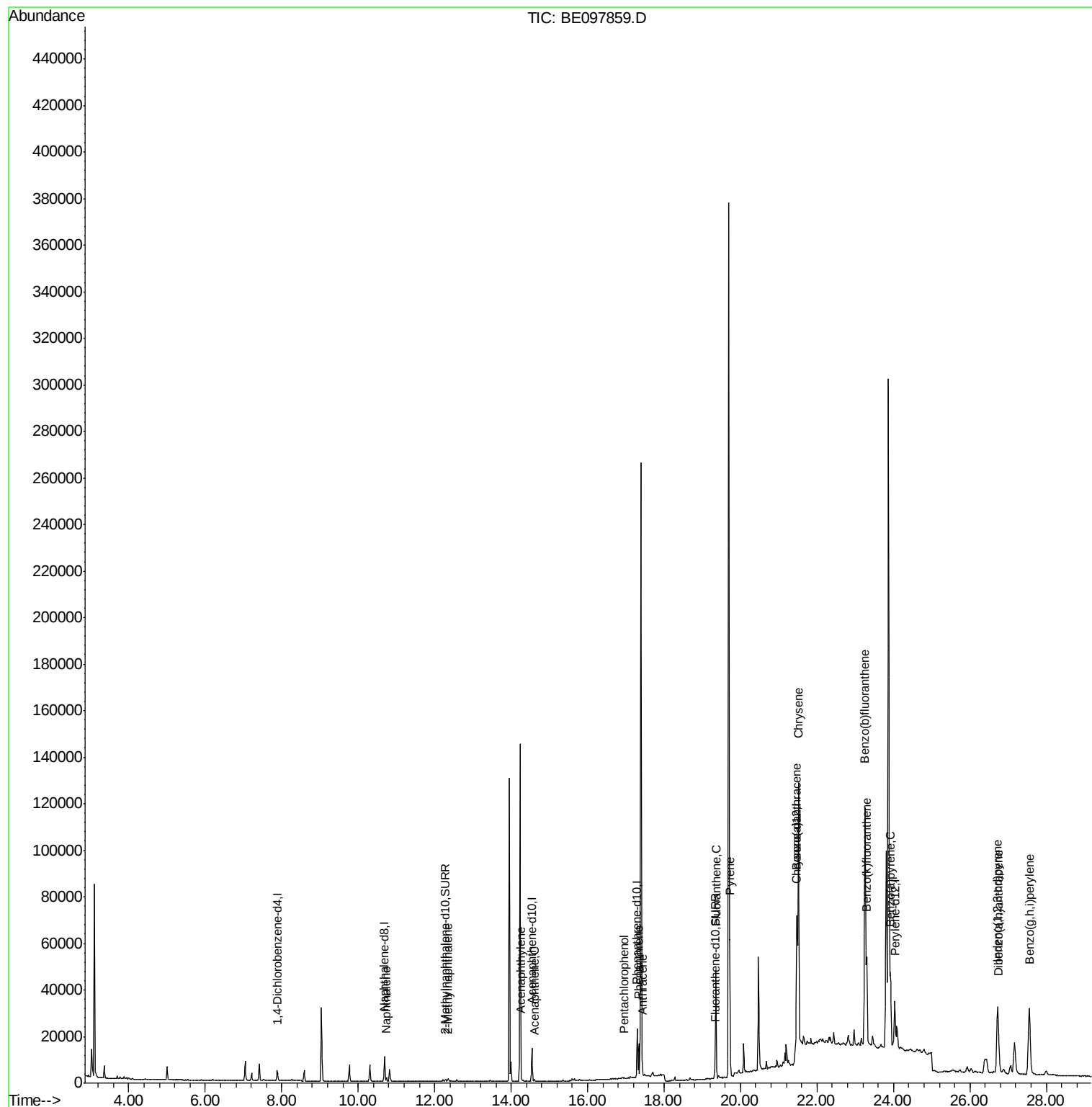
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097859.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

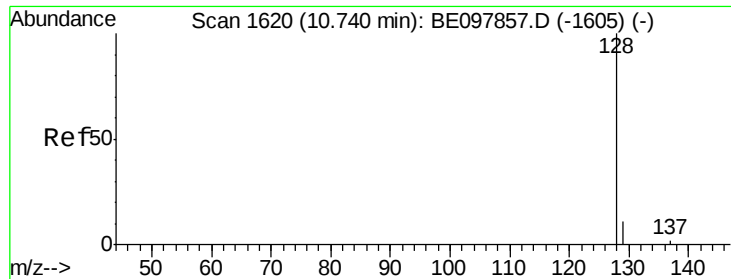
Instrument :
BNA_E
ClientSampled :
JLC20DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 14:16:20 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.073 ng/ul

RT: 10.74 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Instrument :

BNA_E

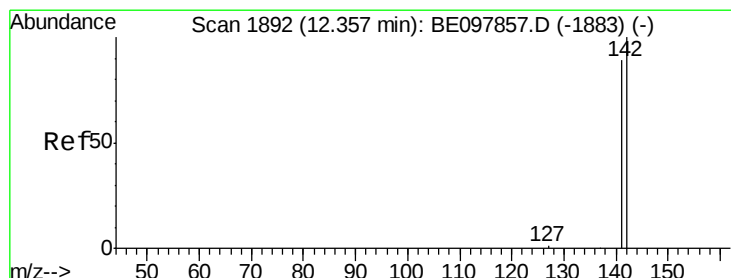
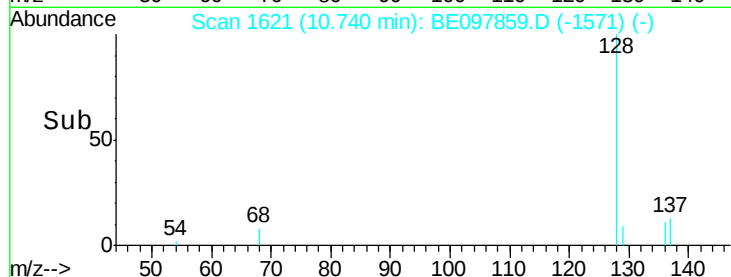
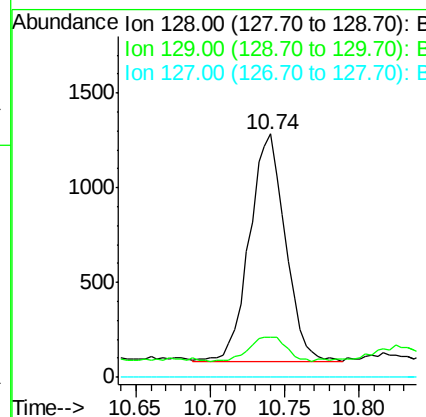
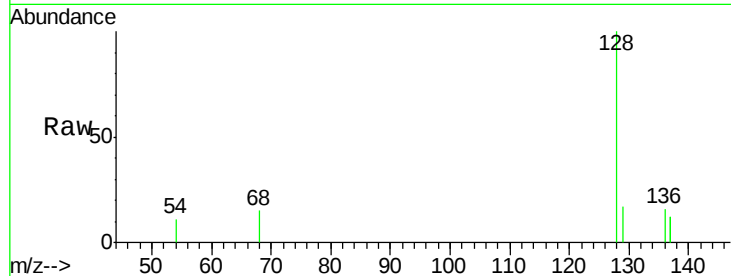
ClientSampleId :

JLC20DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.1	13.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.047 ng/ul

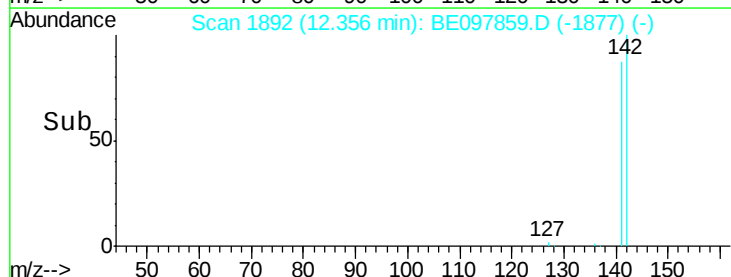
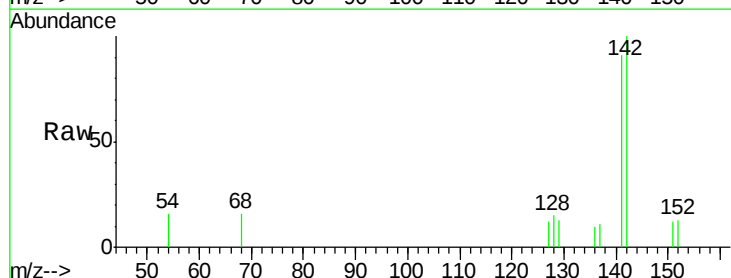
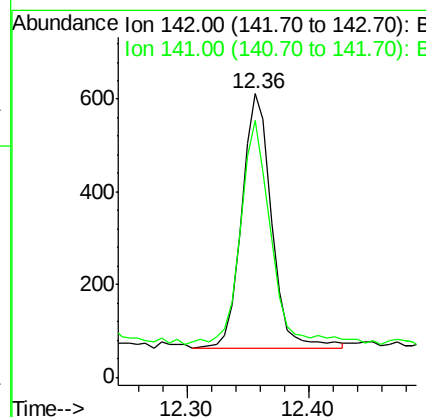
RT: 12.36 min Scan# 1892

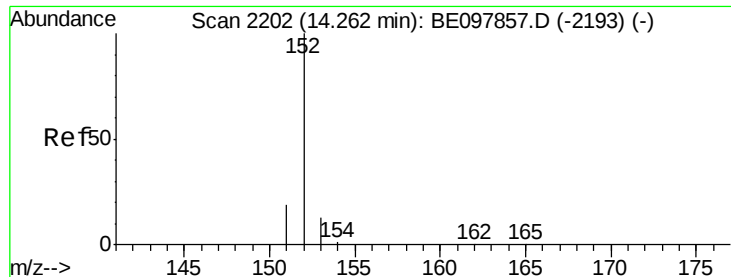
Delta R.T. -0.00 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.26 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Instrument :

BNA_E

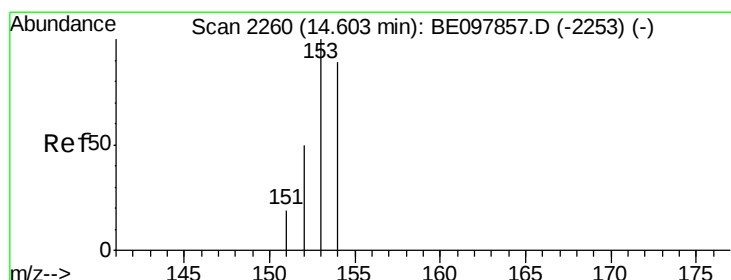
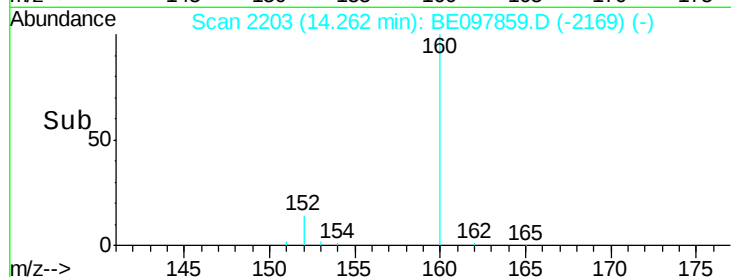
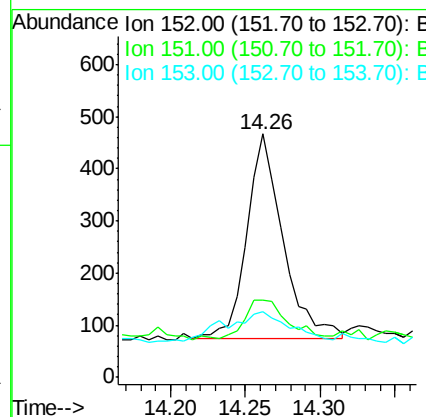
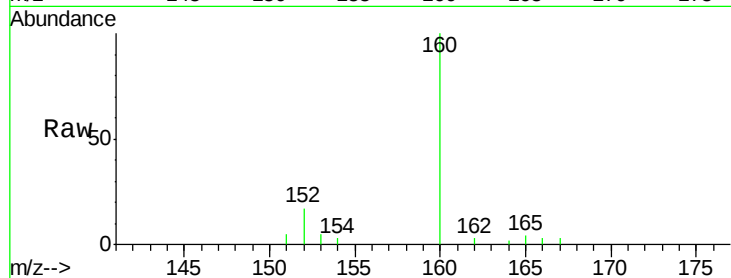
ClientSampleId :

JLC20DL

Tgt Ion:	152	Resp:	658
Ion Ratio	Lower	Upper	
152	100		
151	31.7	15.0	22.6#
153	26.8	10.5	15.7#

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#8

Acenaphthene

Concen: 0.021 ng/ul

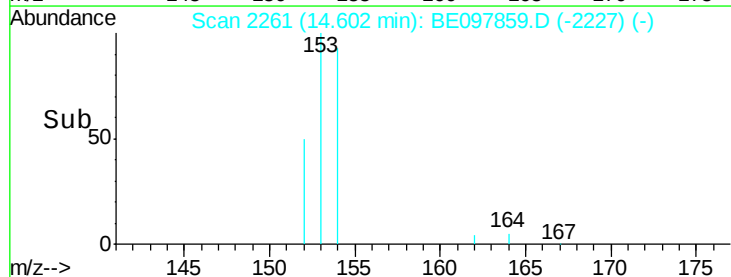
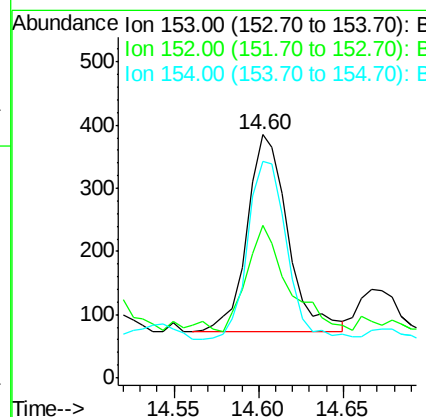
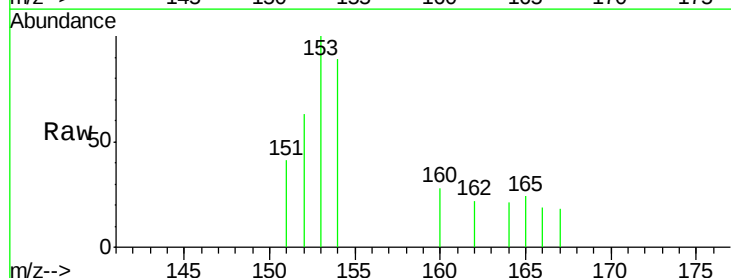
RT: 14.60 min Scan# 2261

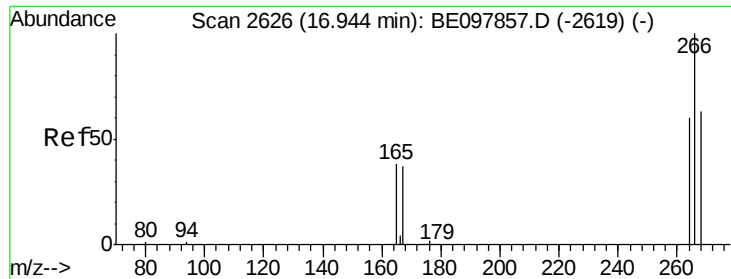
Delta R.T. 0.00 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Tgt Ion:	153	Resp:	517
Ion Ratio	Lower	Upper	
153	100		
152	62.9	41.2	61.8#
154	88.8	68.6	103.0





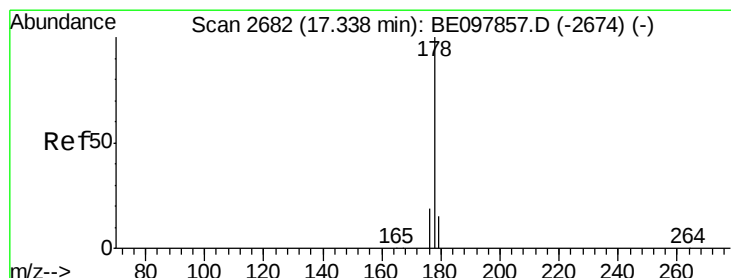
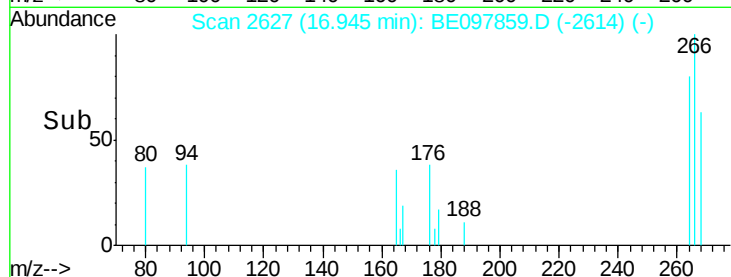
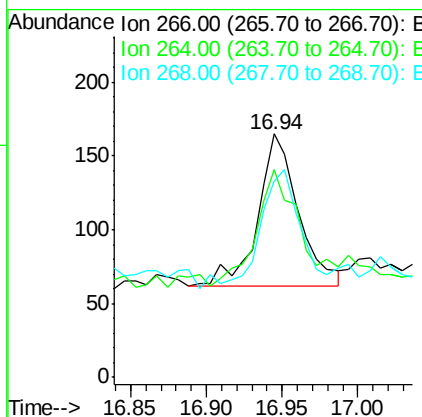
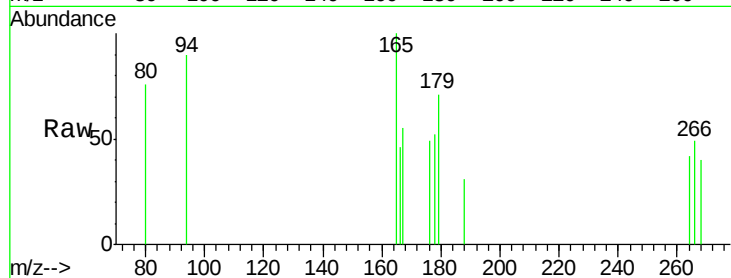
#11
 Pentachlorophenol
 Concen: 0.054 ng/ul
 RT: 16.94 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BE097859.D
 Acq: 11 Oct 2018 16:13

Instrument :
 BNA_E
 ClientSampleId :
 JLC20DL

Tgt Ion	Ratio	Lower	Upper
266	100		
264	94.8	49.8	74.8#
268	67.2	48.4	72.6

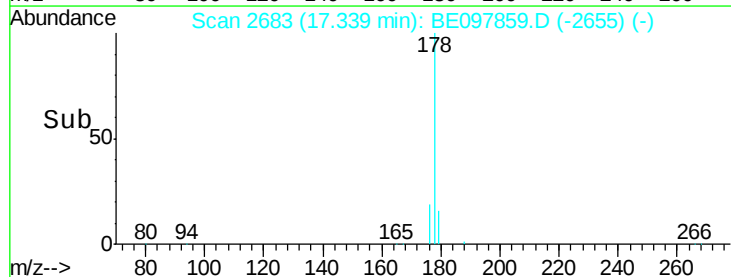
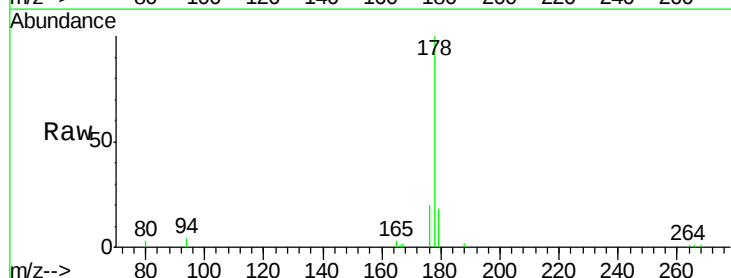
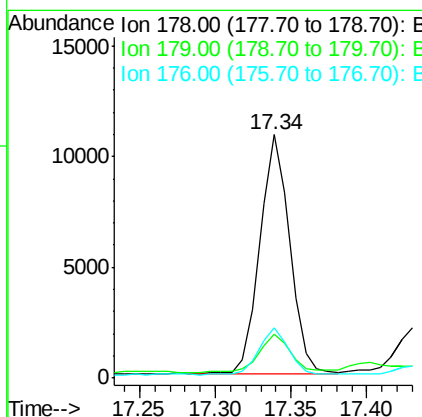
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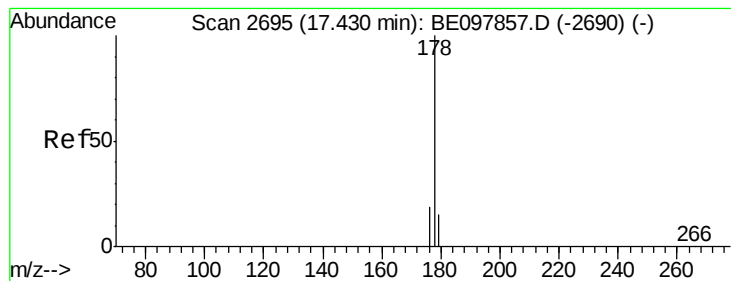
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#12
 Phenanthrene
 Concen: 0.248 ng/ul
 RT: 17.34 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: BE097859.D
 Acq: 11 Oct 2018 16:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.8	19.2
176	20.4	14.9	22.3





#13

Anthracene

Concen: 0.054 ng/ul

RT: 17.43 min Scan# 2696

Delta R.T. 0.00 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Instrument :

BNA_E

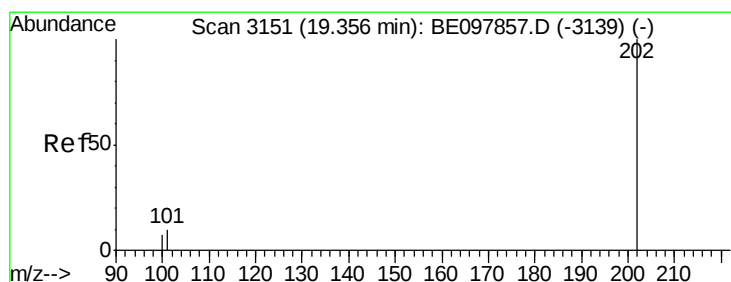
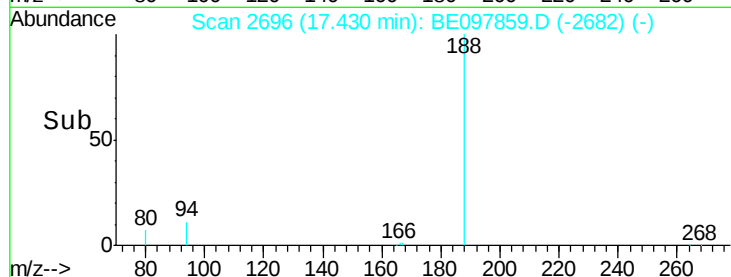
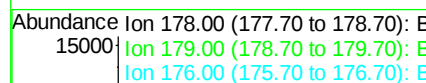
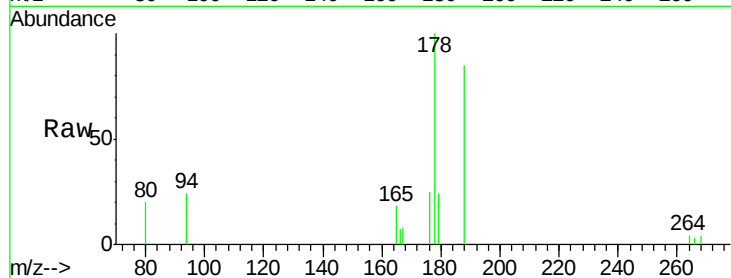
ClientSampleId :

JLC20DL

Tgt Ion:	178	Resp:	2967
Ion Ratio	Lower	Upper	
178	100		
179	24.5	12.9	19.3#
176	25.1	15.5	23.3#

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#15

Fluoranthene

Concen: 0.674 ng/ul

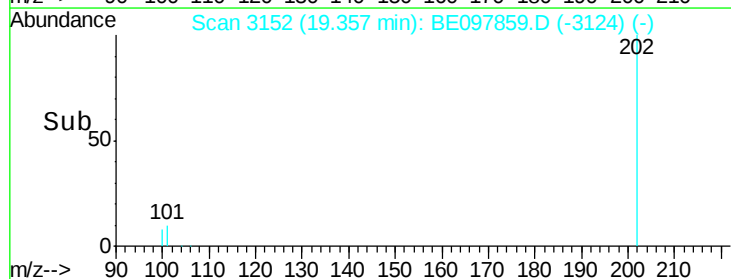
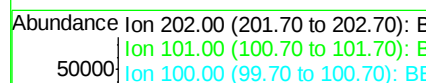
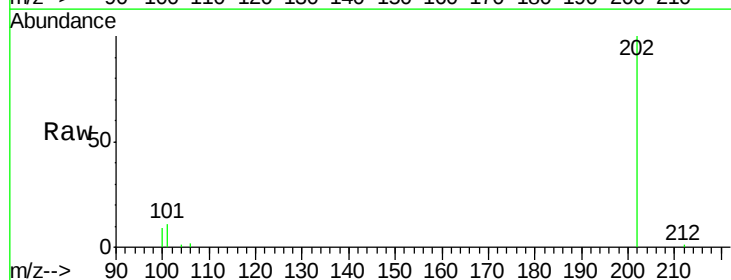
RT: 19.36 min Scan# 3152

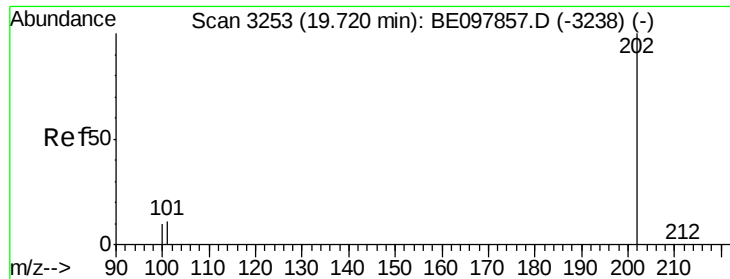
Delta R.T. 0.00 min

Lab File: BE097859.D

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Tgt Ion:	202	Resp:	51524
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	29.3
100	8.6	0.0	27.5





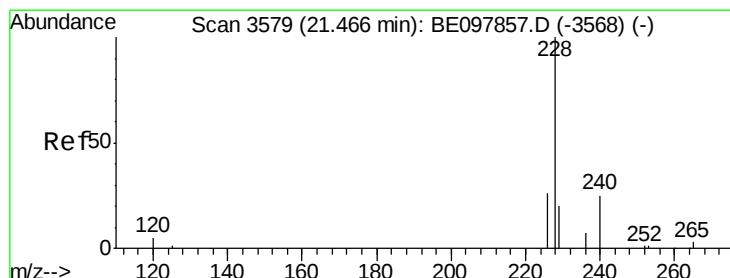
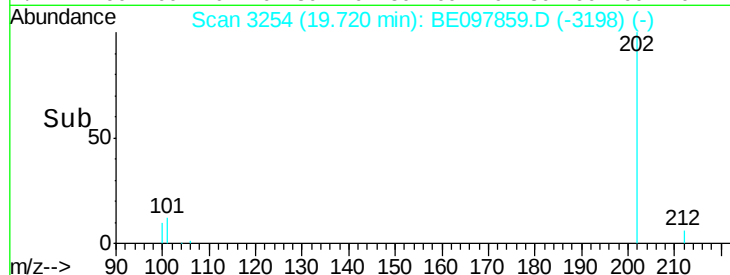
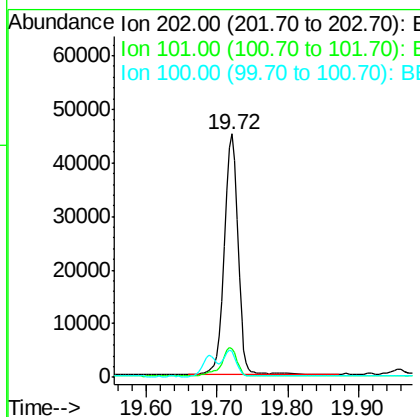
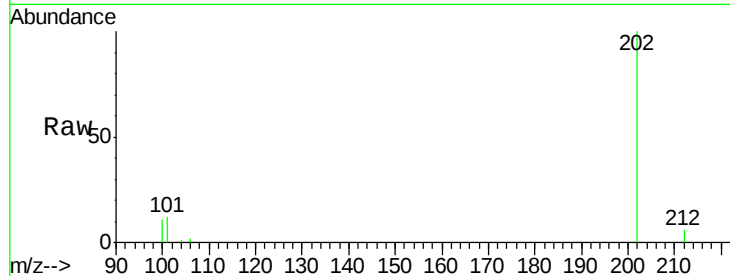
#17
Pyrene
 Concen: 0.693 ng/ul
 RT: 19.72 min Scan# 3254
 Delta R.T. 0.00 min
 Lab File: BE097859.D
 Acq: 11 Oct 2018 16:13

Instrument :
 BNA_E
 ClientSampleId :
 JLC20DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	8.8	13.2
100	10.6	7.9	11.9

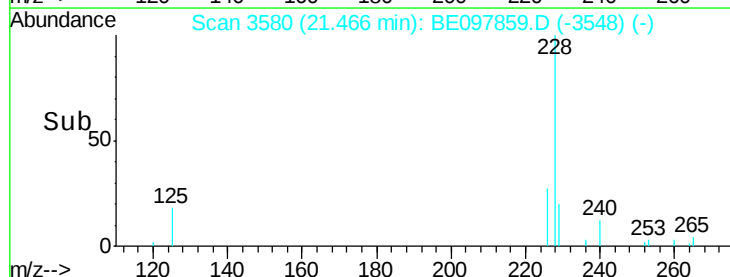
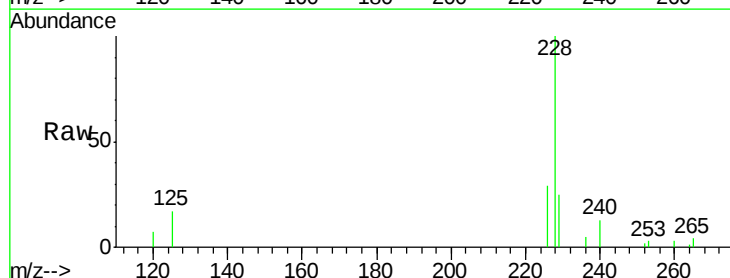
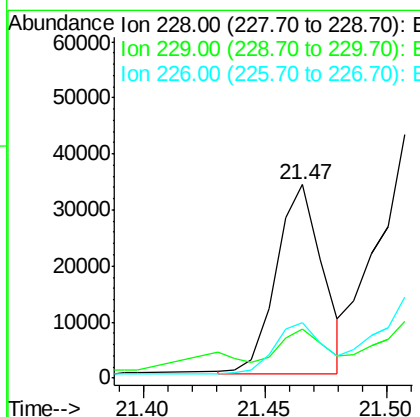
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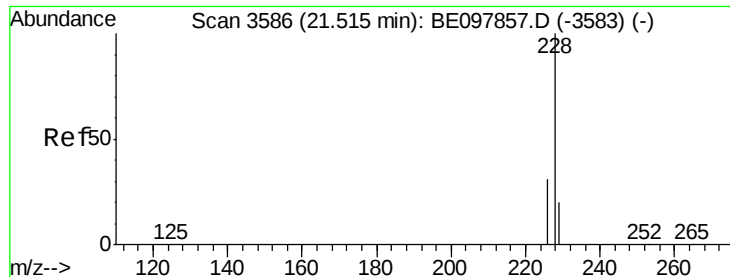
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#18
Benzo(a)anthracene
 Concen: 0.418 ng/ul m
 RT: 21.47 min Scan# 3580
 Delta R.T. 0.01 min
 Lab File: BE097859.D
 Acq: 11 Oct 2018 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.2	16.4	24.6#
226	28.7	21.5	32.3





#19

Chrysene

Concen: 1.366 ng/ul

RT: 21.51 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Instrument :

BNA_E

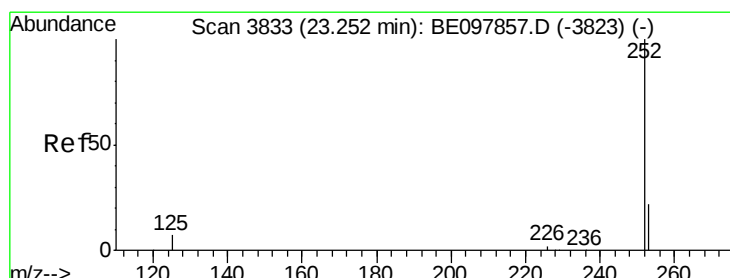
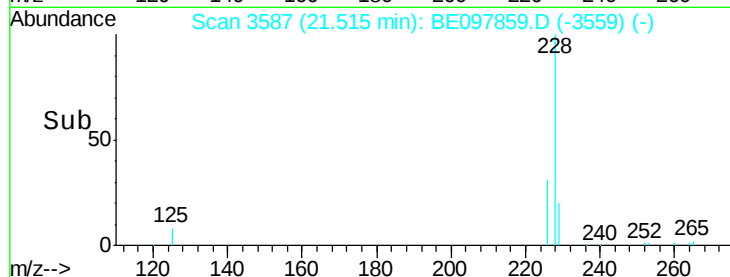
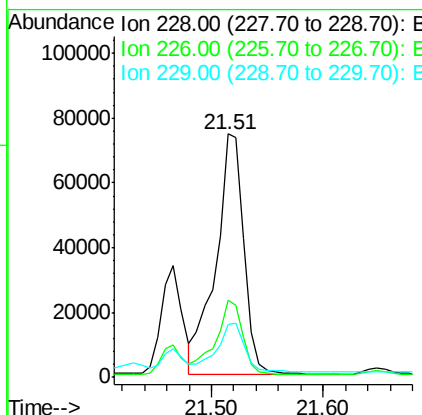
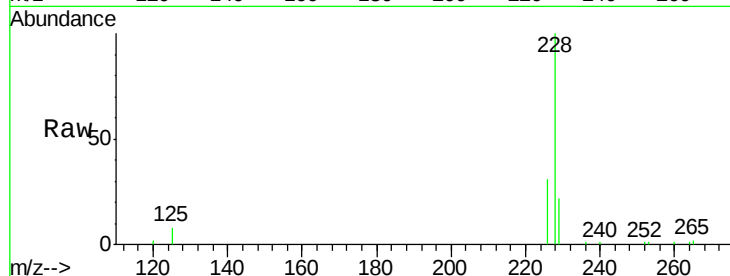
ClientSampleId :

JLC20DL

Tgt Ion:	228	Resp:	132217
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.0	34.4
229	21.9	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 2.108 ng/ul m

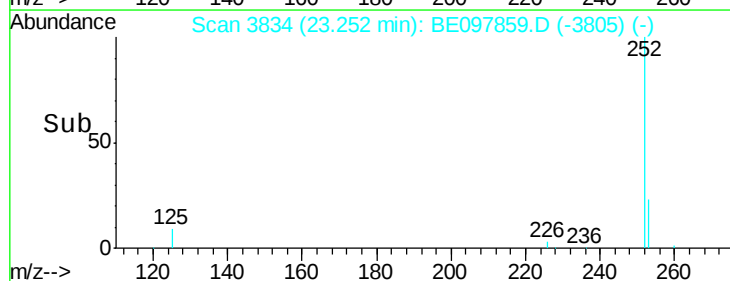
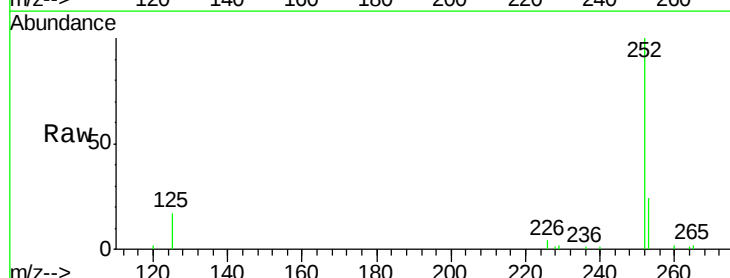
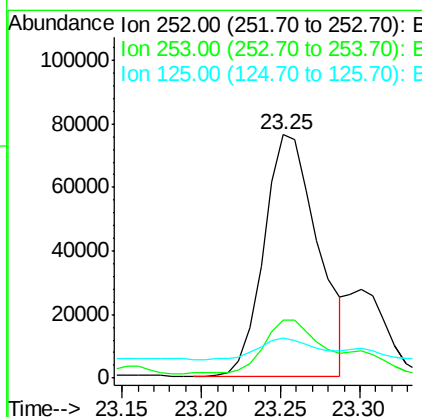
RT: 23.25 min Scan# 3834

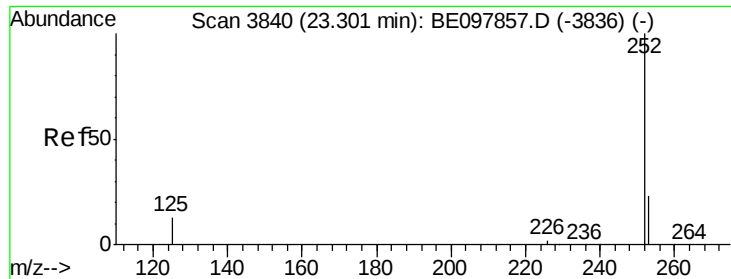
Delta R.T. 0.01 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Tgt Ion:	252	Resp:	178528
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	47.0
125	16.7	0.0	18.2





#22

Benzo(k)fluoranthene

Concen: 0.531 ng/ul m

RT: 23.30 min Scan# 3841

Delta R.T. -0.00 min

Lab File: BE097859.D

Acq: 11 Oct 2018 16:13

Instrument :

BNA_E

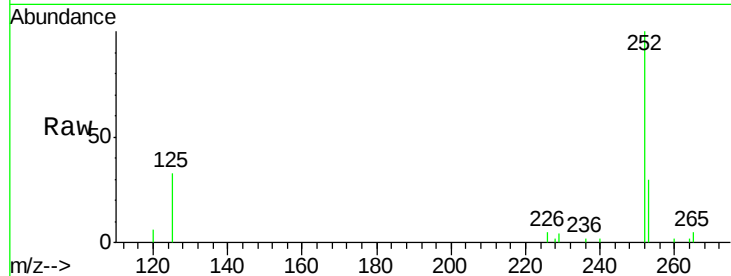
ClientSampleId :

JLC20DL

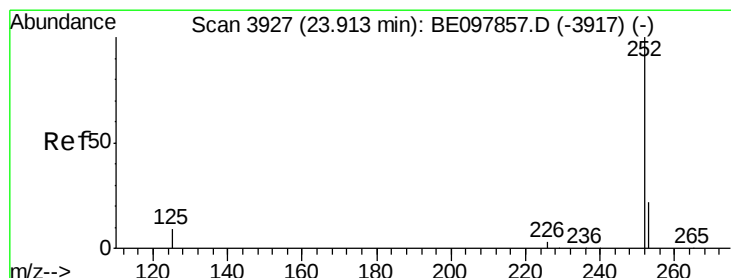
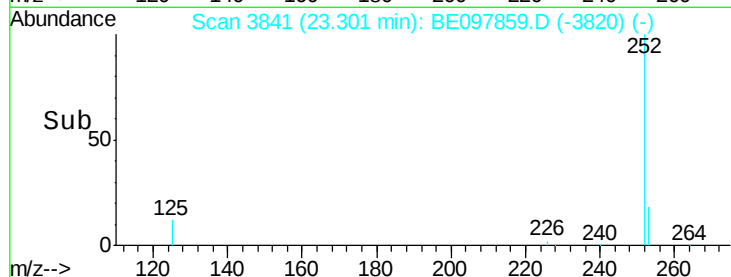
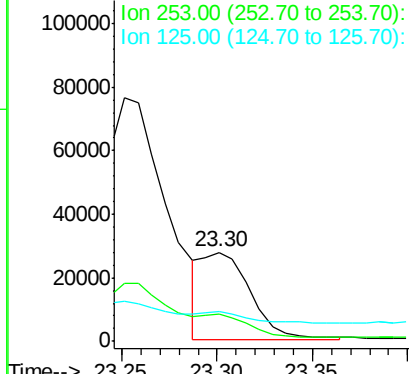
Tgt Ion:	252	Resp:	48181
Ion Ratio	Lower	Upper	
252	100		
253	30.0	17.8	26.6#
125	33.3	9.4	14.0#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.549 ng/ul

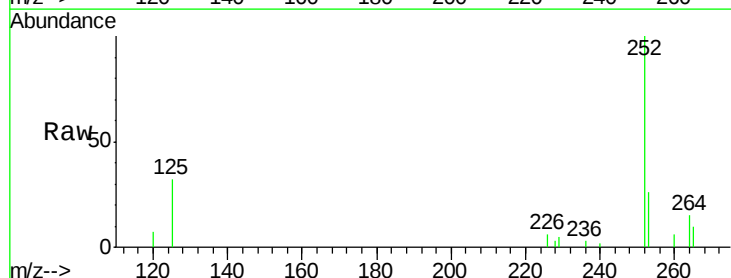
RT: 23.92 min Scan# 3929

Delta R.T. 0.01 min

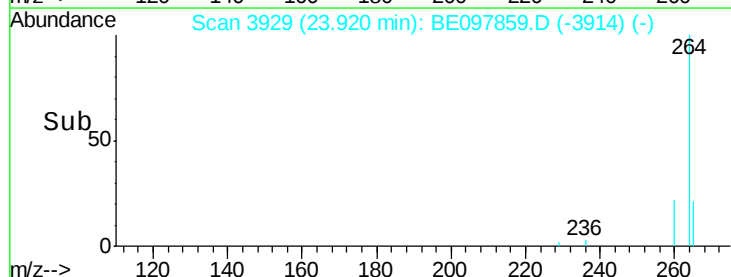
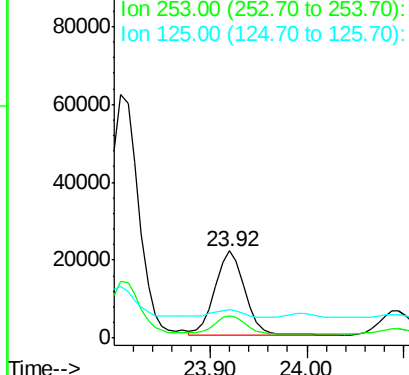
Lab File: BE097859.D

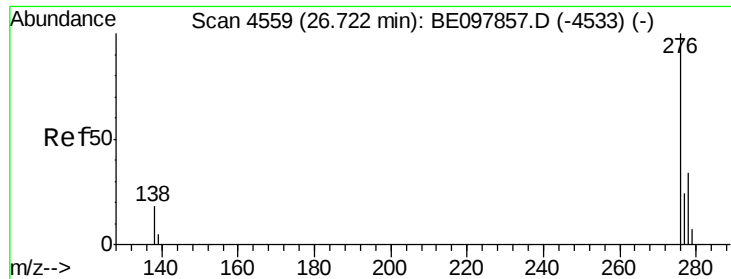
Acq: 11 Oct 2018 16:13

Tgt Ion:	252	Resp:	45647
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.2	27.4
125	32.5	8.3	12.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





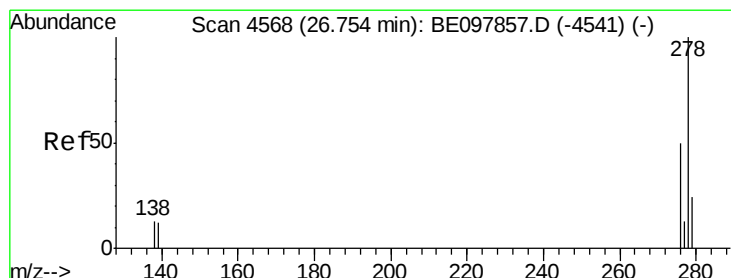
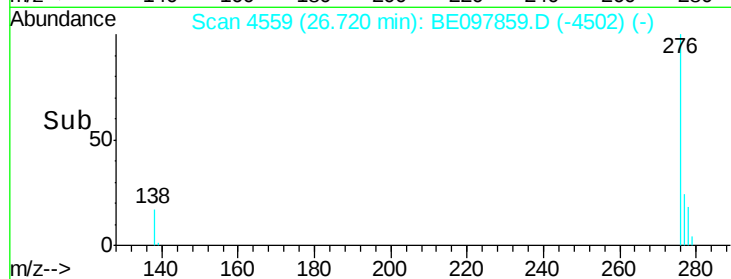
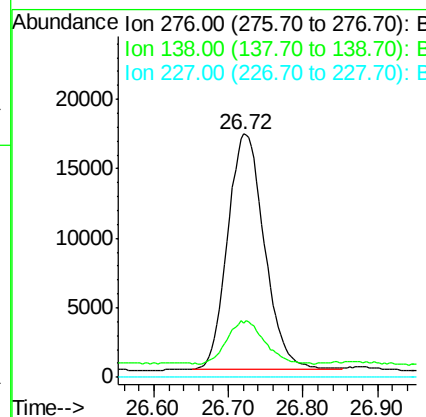
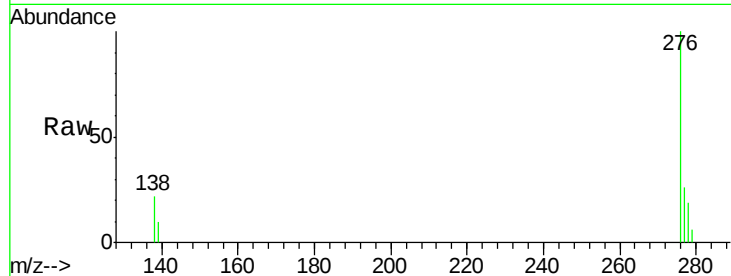
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.617 ng/u1
 RT: 26.72 min Scan# 4559
 Delta R.T. 0.00 min
 Lab File: BE097859.D
 Acq: 11 Oct 2018 16:13

Instrument :
 BNA_E
 ClientSampleId :
 JLC20DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.6	0.0	0.0#
227	0.0	0.0	0.0

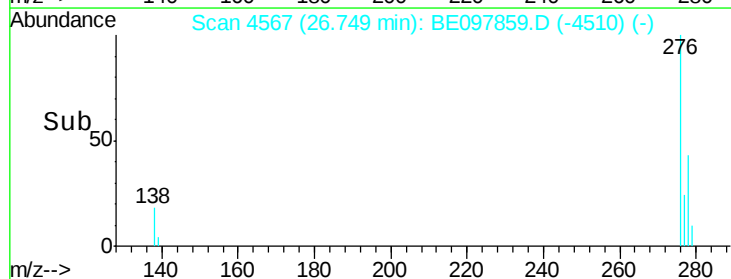
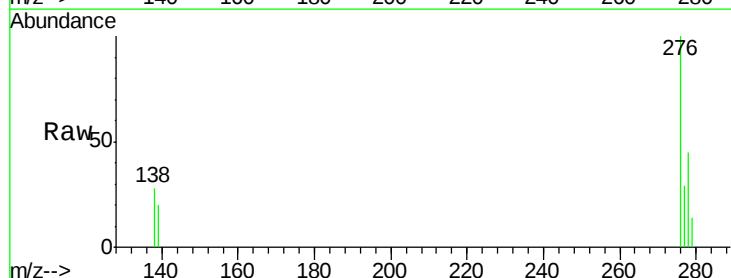
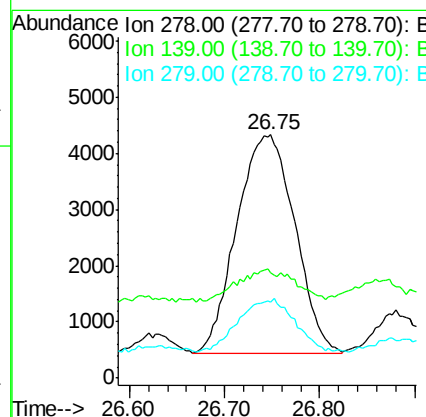
Manual Integrations
 APPROVED

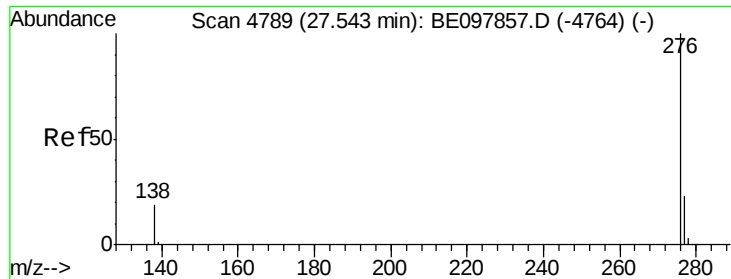
Sohil
 10/12/2018 6:34:49 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.212 ng/u1
 RT: 26.75 min Scan# 4567
 Delta R.T. 0.00 min
 Lab File: BE097859.D
 Acq: 11 Oct 2018 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	43.4	10.9	16.3#
279	31.3	18.8	28.2#





#26
 Benzo(g,h,i)perylene
 Concen: 0.888 ng/ul
 RT: 27.55 min Scan# 4793
 Delta R.T. 0.01 min
 Lab File: BE097859.D
 Acq: 11 Oct 2018 16:13

Instrument :
 BNA_E
 ClientSampleId :
 JLC20DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	14.3	21.5#
277	25.2	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:34:49 PM

