

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101118\
 Data File : BE097869.D
 Acq On : 11 Oct 2018 22:23
 Operator : SJ/JU
 Sample : J5183-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC49

Manual Integrations
 APPROVED

Sohil
 10/15/2018 3:00:25 PM

Quant Time: Oct 12 04:45:25 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 : 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	7.90	152	2774	0.40	ng/ul	0.01
2) Naphthalene-d8	10.70	136	14102	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	10136	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	23959m	0.40	ng/ul	0.01
16) Chrysene-d12	21.49	240	22922m	0.40	ng/ul	0.01
20) Perylene-d12	24.07	264	22245m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7182	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	22786m	0.29	ng/ul	0.01
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	3411	0.099	ng/ul	94
5) 2-Methylnaphthalene	12.37	142	2673	0.108	ng/ul	99
7) Acenaphthylene	14.27	152	1792	0.047	ng/ul#	72
8) Acenaphthene	14.62	153	3743	0.126	ng/ul	98
9) Fluorene	15.61	166	2859	0.074	ng/ul#	91
11) Pentachlorophenol	16.97	266	338m	0.100	ng/ul	
12) Phenanthrene	17.35	178	80411	1.418	ng/ul	97
13) Anthracene	17.45	178	14901m	0.284	ng/ul	
15) Fluoranthene	19.37	202	231265m	3.175	ng/ul	
17) Pyrene	19.74	202	224146m	3.282	ng/ul	
18) Benzo(a)anthracene	21.48	228	125849m	1.816	ng/ul	
19) Chrysene	21.54	228	217696m	3.496	ng/ul	
21) Benzo(b)fluoranthene	23.28	252	309638m	5.208	ng/ul	
22) Benzo(k)fluoranthene	23.33	252	75832m	1.192	ng/ul	
23) Benzo(a)pyrene	23.96	252	119196m	2.042	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.78	276	118727m	1.792	ng/ul	
25) Dibenzo(a,h)anthracene	26.79	278	31486m	0.575	ng/ul	
26) Benzo(g,h,i)perylene	27.61	276	135063m	2.339	ng/ul	

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

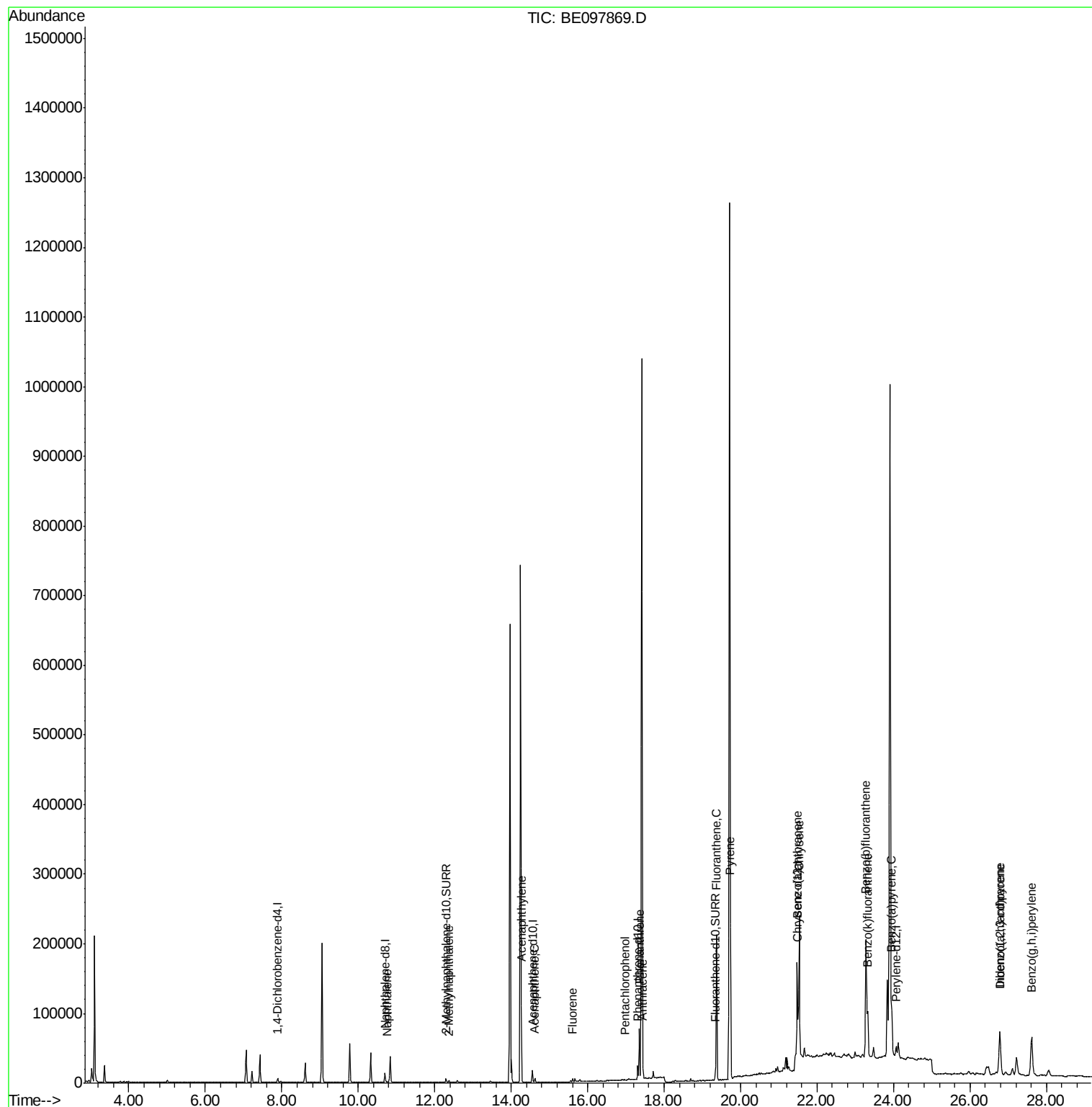
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101118\
Data File : BE097869.D
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ALS Vial : 21 Sample Multiplier: 1

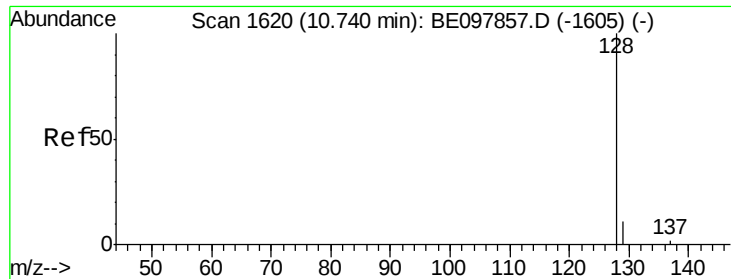
Instrument :
BNA_E
ClientSampled :
JLC49

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
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#3

Naphthalene

Concen: 0.099 ng/ul

RT: 10.75 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

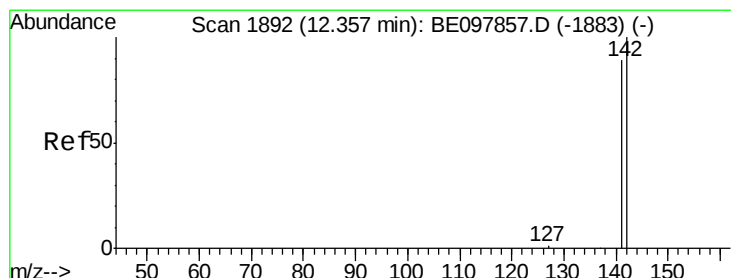
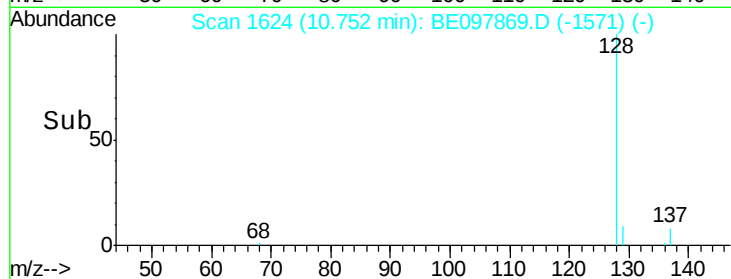
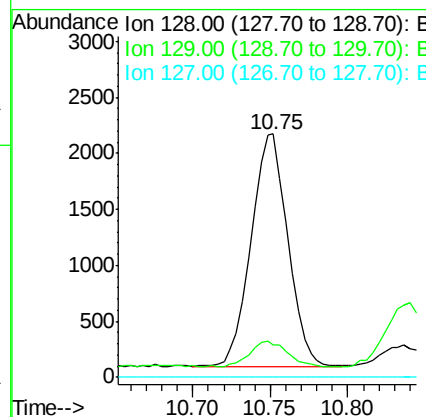
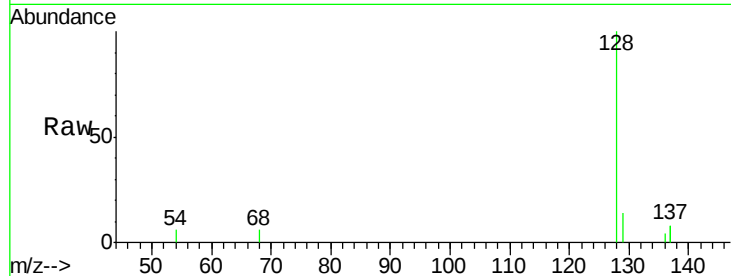
ClientSampleId :

JLC49

Tgt Ion:	128	Resp:	3411
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.108 ng/ul

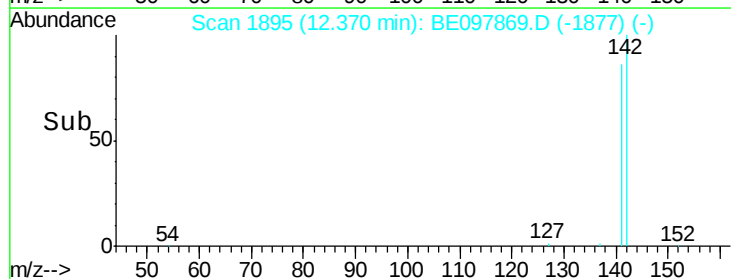
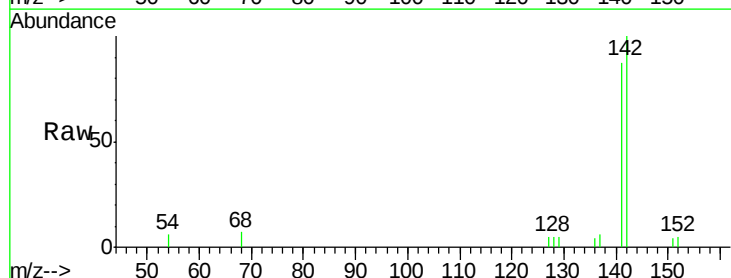
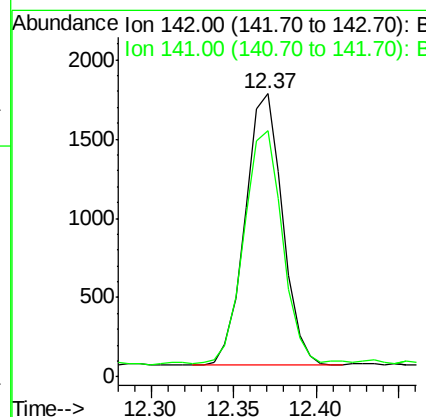
RT: 12.37 min Scan# 1895

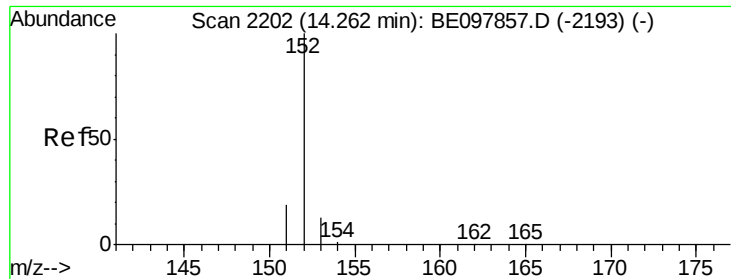
Delta R.T. 0.01 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Tgt Ion:	142	Resp:	2673
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.6	107.4





#7

Acenaphthylene

Concen: 0.047 ng/u1

RT: 14.27 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

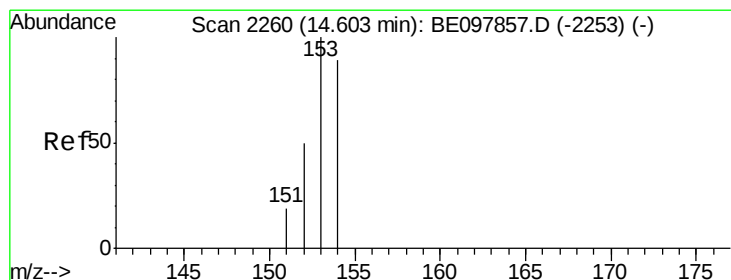
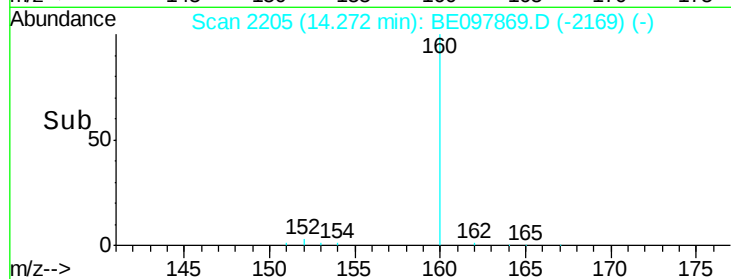
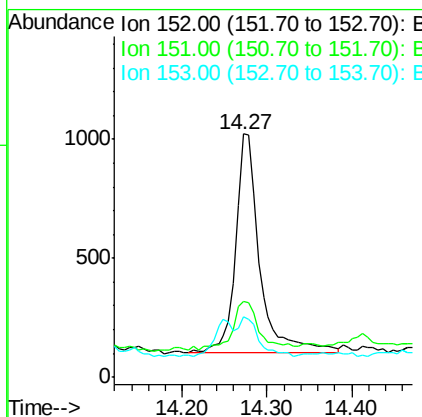
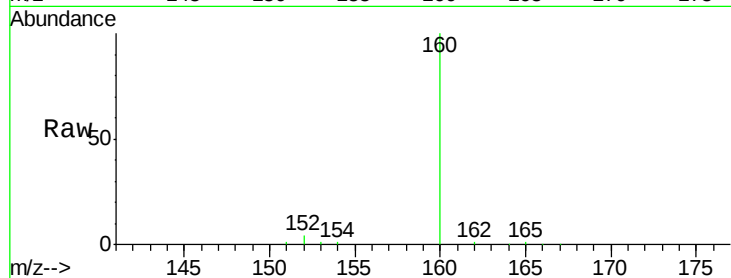
ClientSampleId :

JLC49

Tgt Ion:	152	Resp:	1792
Ion Ratio	Lower	Upper	
152	100		
151	31.2	15.0	22.6#
153	24.6	10.5	15.7#

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#8

Acenaphthene

Concen: 0.126 ng/u1

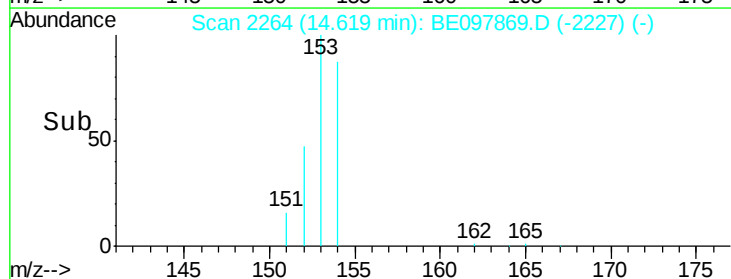
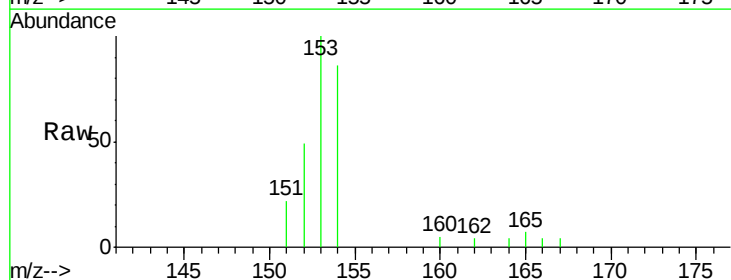
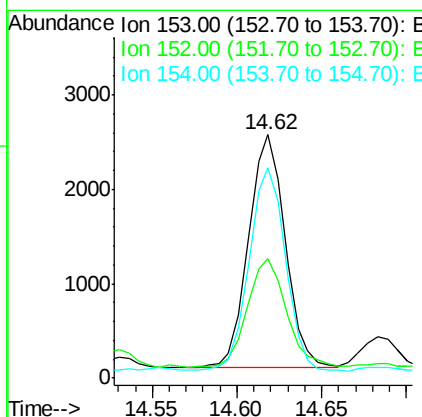
RT: 14.62 min Scan# 2264

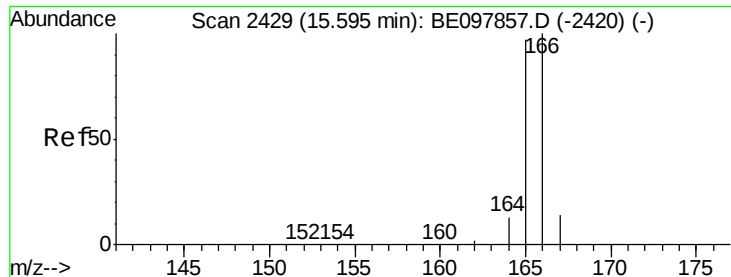
Delta R.T. 0.02 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Tgt Ion:	153	Resp:	3743
Ion Ratio	Lower	Upper	
153	100		
152	49.2	41.2	61.8
154	86.3	68.6	103.0





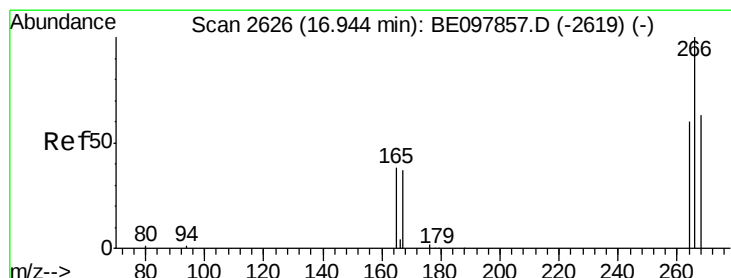
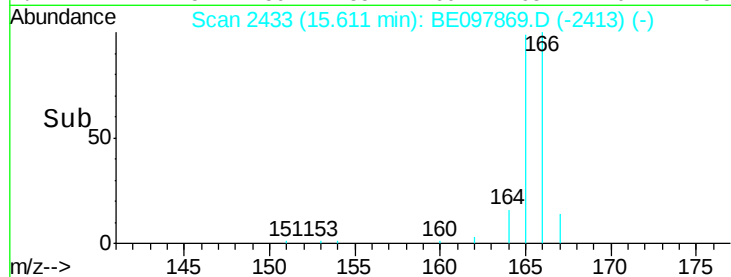
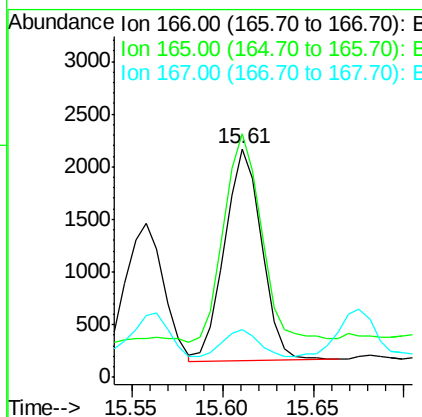
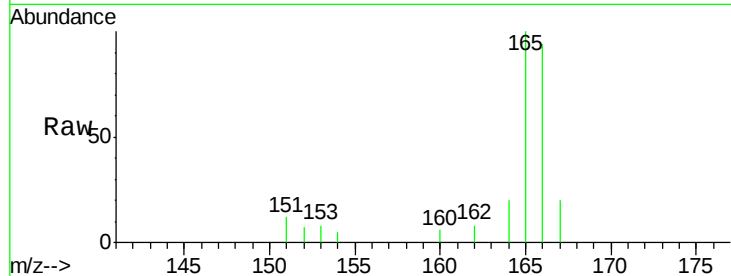
#9
Fluorene
 Concen: 0.074 ng/ul
 RT: 15.61 min Scan# 2433
 Delta R.T. 0.02 min
 Lab File: BE097869.D
 Acq: 11 Oct 2018 22:23

Instrument :
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 JLC49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.4	79.2	118.8
167	20.9	11.3	16.9#

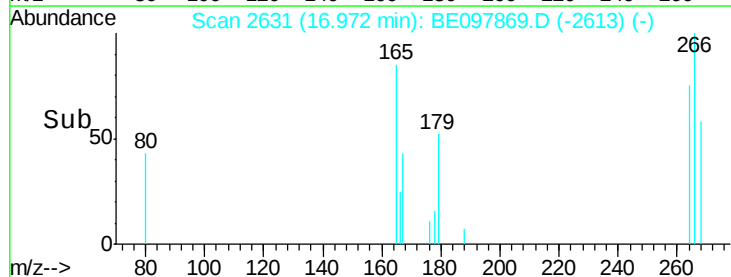
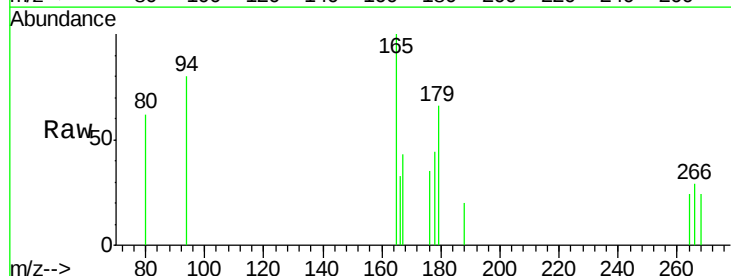
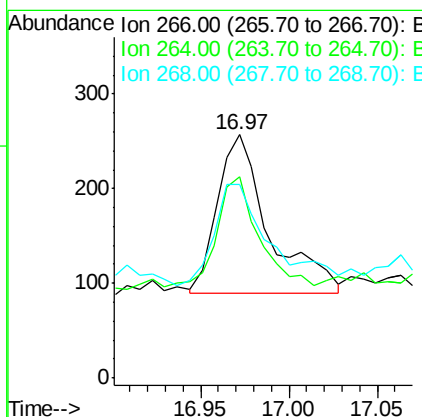
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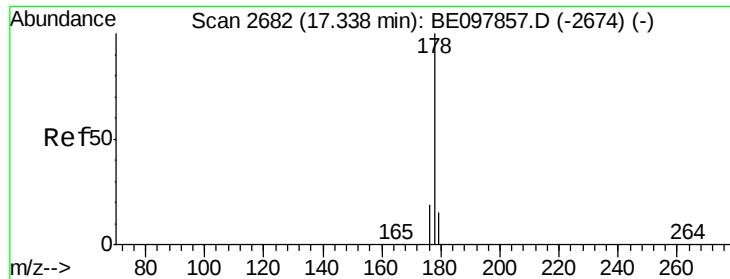
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#11
Pentachlorophenol
 Concen: 0.100 ng/ul m
 RT: 16.97 min Scan# 2631
 Delta R.T. 0.03 min
 Lab File: BE097869.D
 Acq: 11 Oct 2018 22:23

Tgt Ion	Ratio	Lower	Upper
266	100		
264	1.5	49.8	74.8#
268	10.4	48.4	72.6#





#12

Phenanthrene

Concen: 1.418 ng/ul

RT: 17.35 min Scan# 2685

Delta R.T. 0.01 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

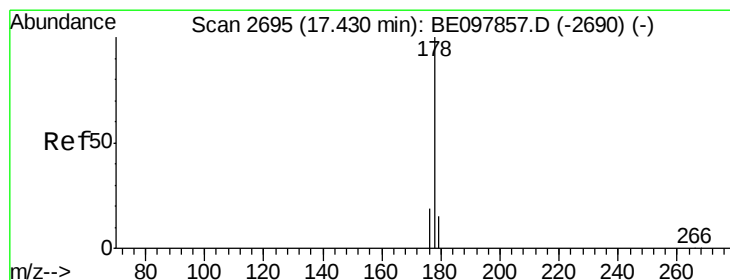
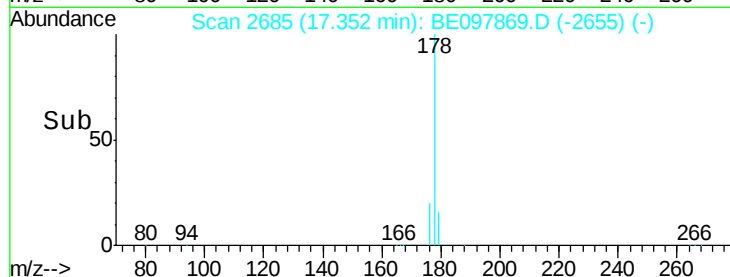
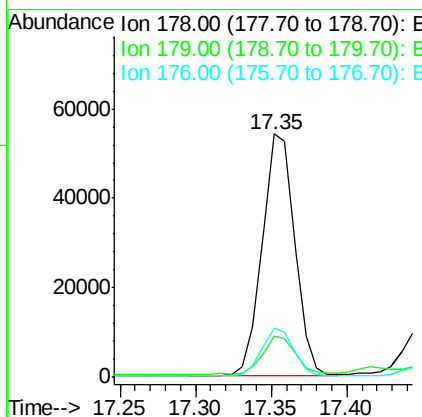
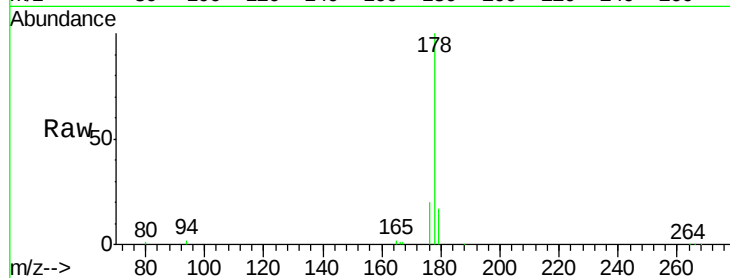
ClientSampleId :

JLC49

Tgt Ion:	178	Resp:	80411
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.8	19.2
176	20.2	14.9	22.3

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#13

Anthracene

Concen: 0.284 ng/ul m

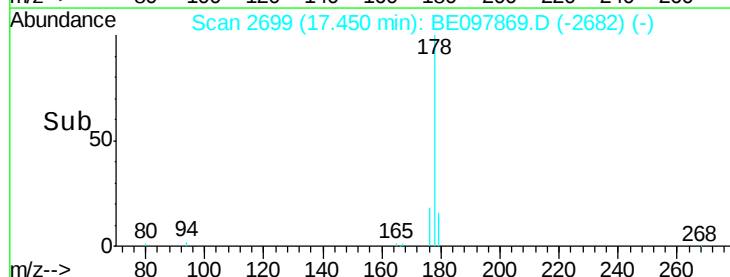
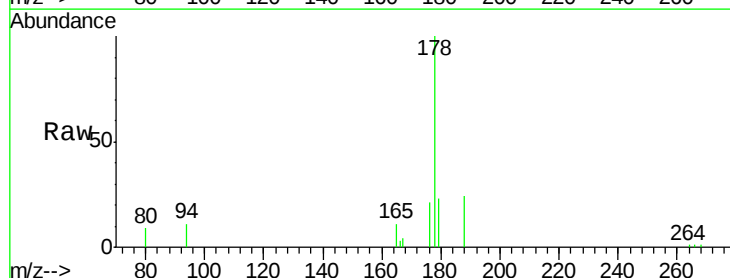
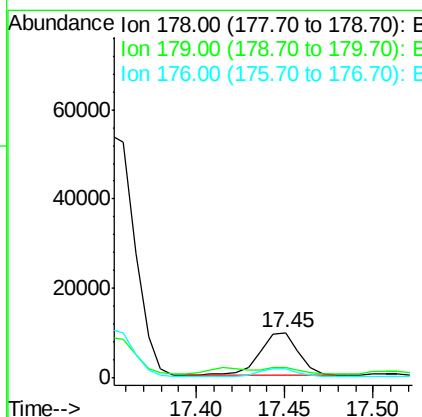
RT: 17.45 min Scan# 2699

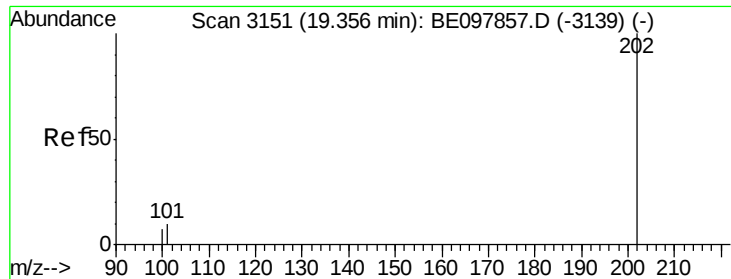
Delta R.T. 0.02 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Tgt Ion:	178	Resp:	14901
Ion Ratio	Lower	Upper	
178	100		
179	22.5	12.9	19.3#
176	21.3	15.5	23.3





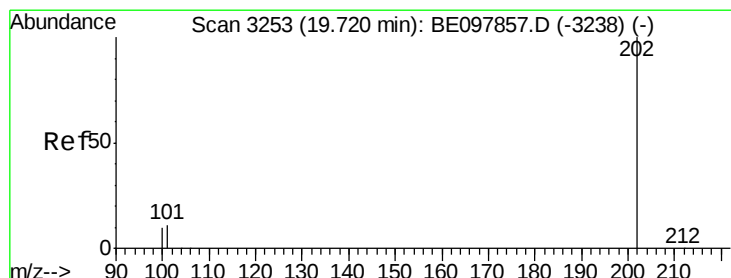
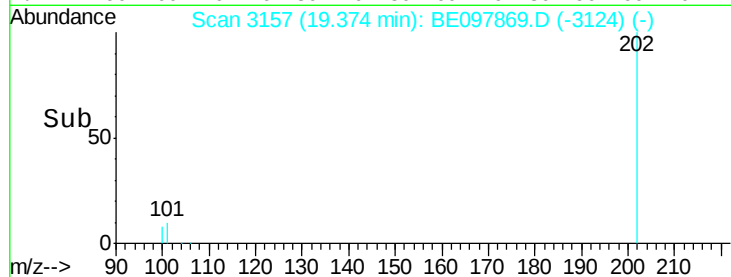
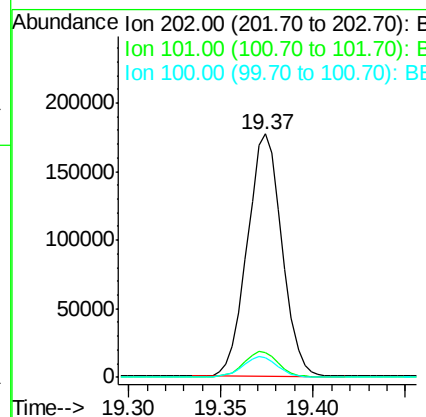
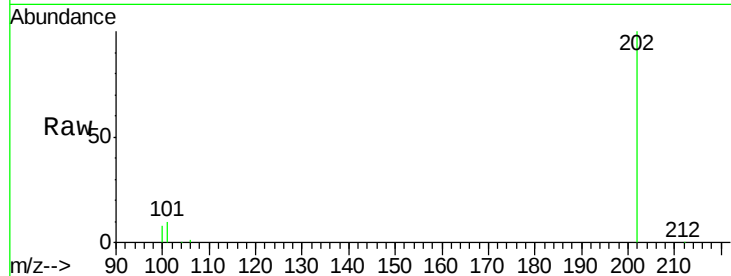
#15
Fluoranthene
Concen: 3.175 ng/ul m
RT: 19.37 min Scan# 3157
Delta R.T. 0.02 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Instrument :
BNA_E
ClientSampleId :
JLC49

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	0.0	29.3
100	8.2	0.0	27.5

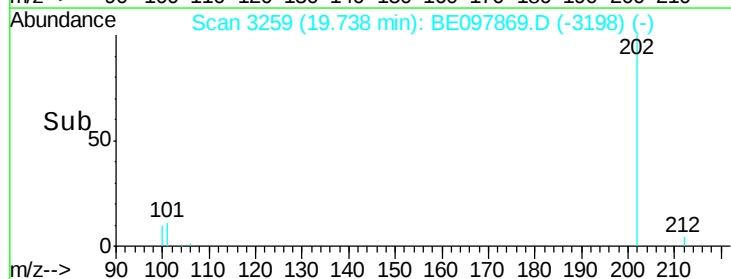
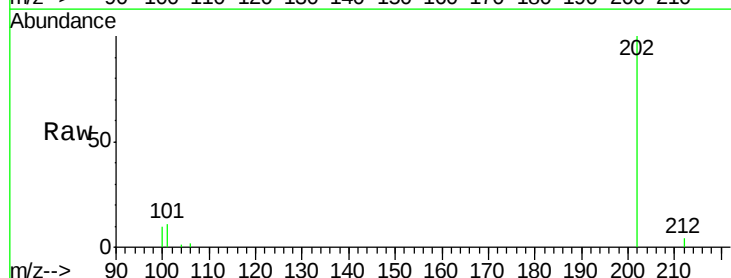
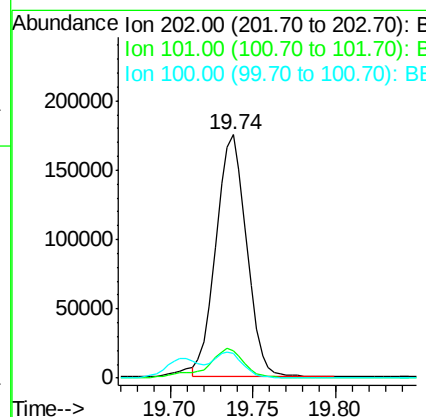
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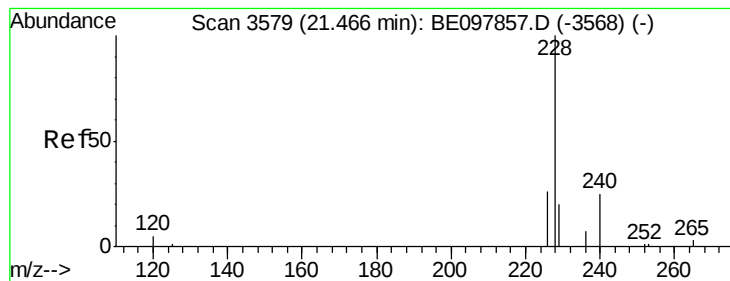
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#17
Pyrene
Concen: 3.282 ng/ul m
RT: 19.74 min Scan# 3259
Delta R.T. 0.02 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	8.8	13.2
100	10.0	7.9	11.9





#18

Benzo(a)anthracene

Concen: 1.816 ng/ul m

RT: 21.48 min Scan# 3582

Delta R.T. 0.01 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

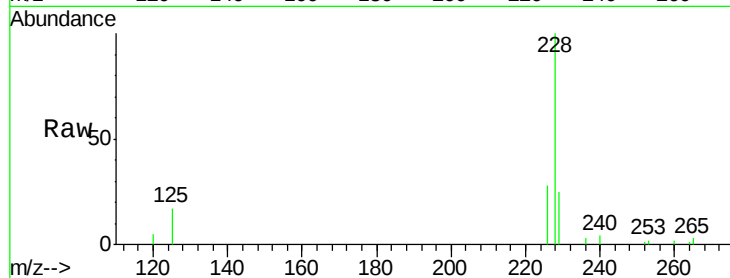
ClientSampleId :

JLC49

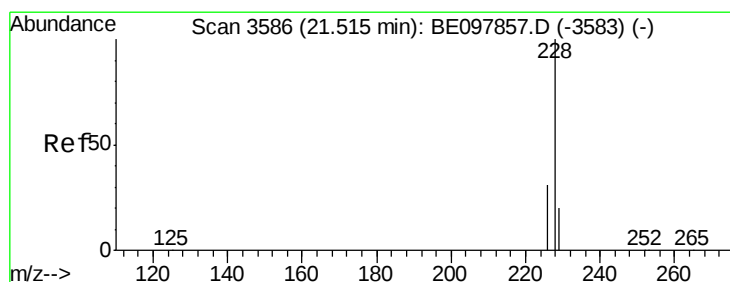
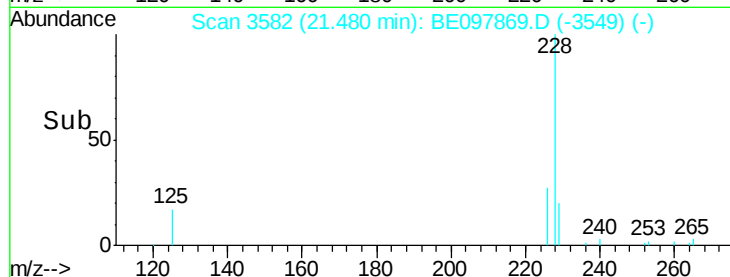
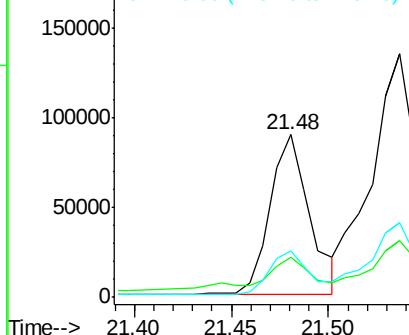
Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.6	16.4	24.6#
226	28.4	21.5	32.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 3.496 ng/ul m

RT: 21.54 min Scan# 3590

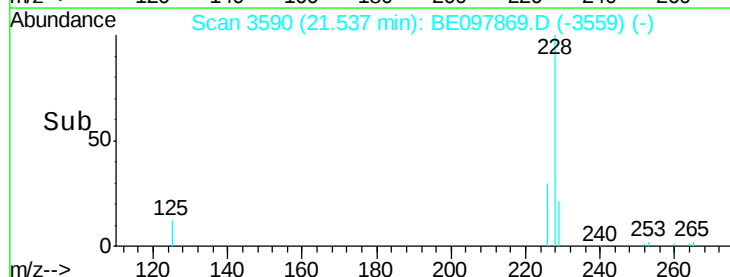
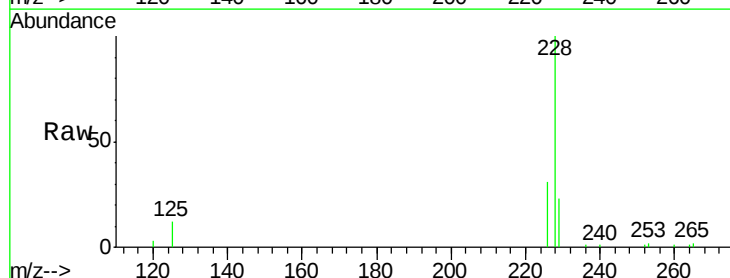
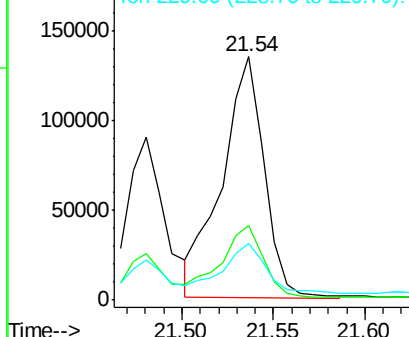
Delta R.T. 0.02 min

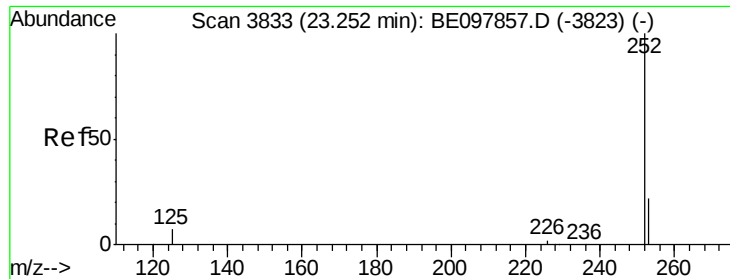
Lab File: BE097869.D

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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.4
229	23.3	15.5	23.3#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





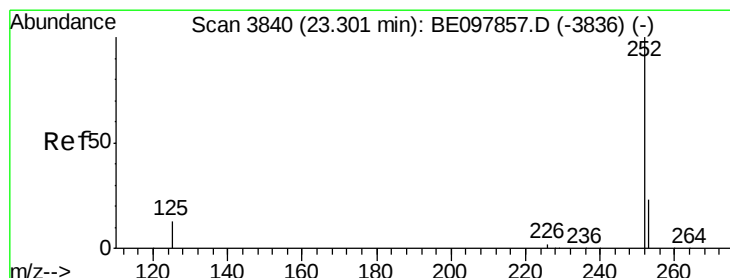
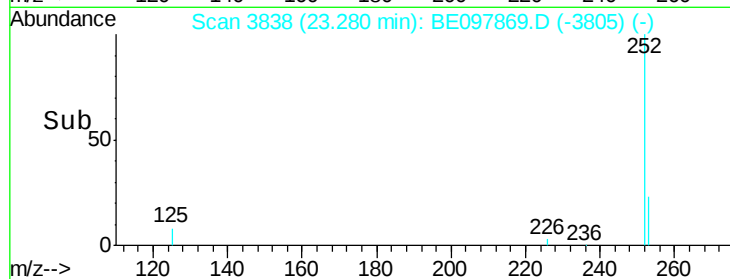
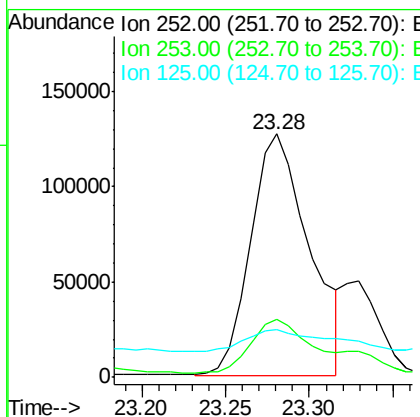
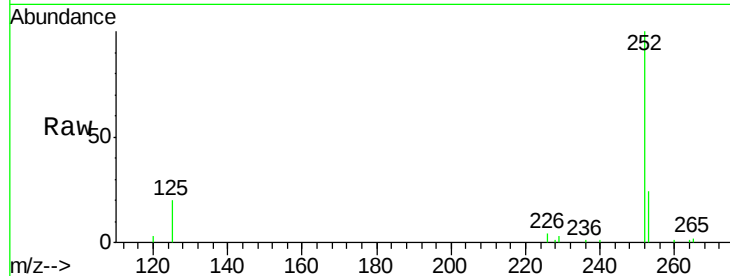
#21
Benzo(b)fluoranthene
Concen: 5.208 ng/ul m
RT: 23.28 min Scan# 3838
Delta R.T. 0.03 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Instrument :
BNA_E
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JLC49

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.0	0.0	47.0
125	19.8	0.0	18.2#

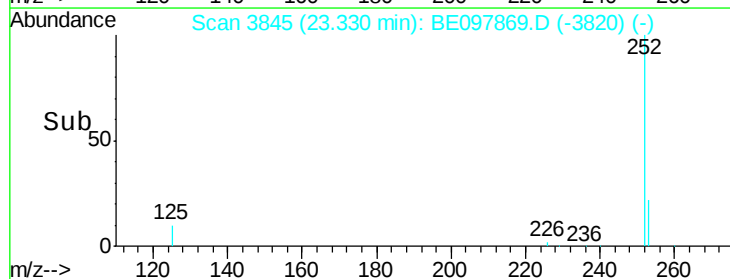
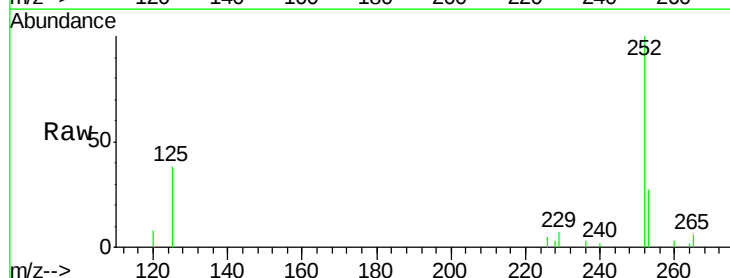
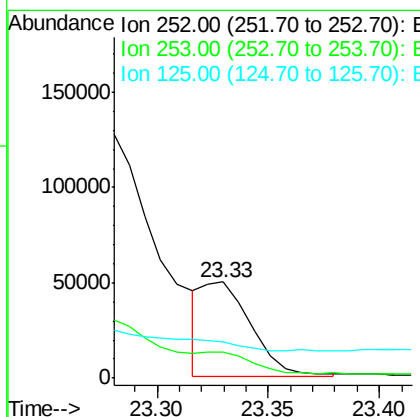
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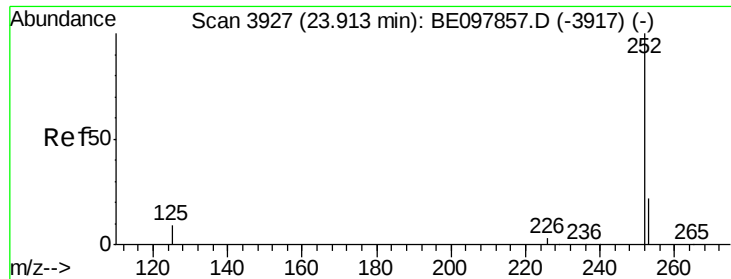
Sohil
10/15/2018 3:00:25 PM



#22
Benzo(k)fluoranthene
Concen: 1.192 ng/ul m
RT: 23.33 min Scan# 3845
Delta R.T. 0.03 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.1	17.8	26.6#
125	37.6	9.4	14.0#





#23

Benzo(a)pyrene

Concen: 2.042 ng/ul m

RT: 23.96 min Scan# 3934

Delta R.T. 0.04 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

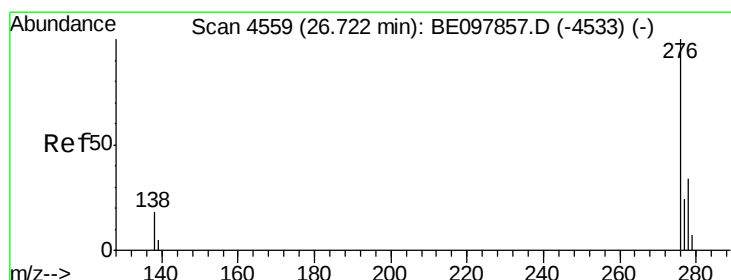
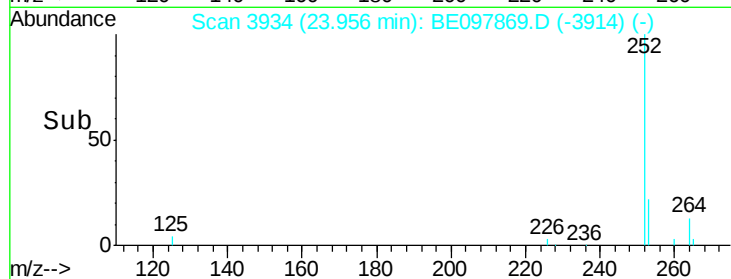
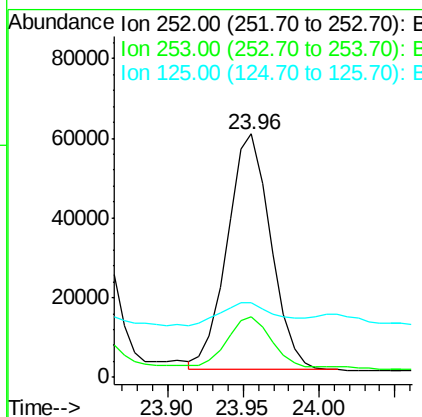
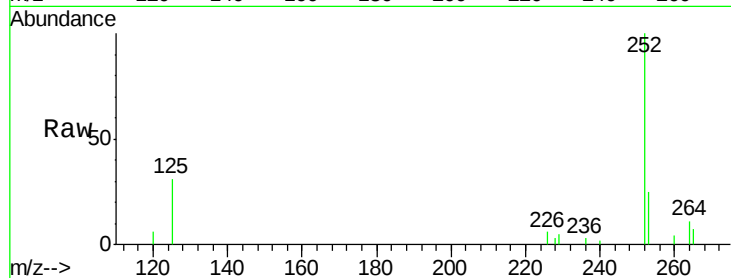
ClientSampleId :

JLC49

Tgt Ion:	252	Resp:	119196
Ion Ratio		Lower	Upper
252	100		
253	25.0	18.2	27.4
125	30.7	8.3	12.5#

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10/15/2018 3:00:25 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.792 ng/ul m

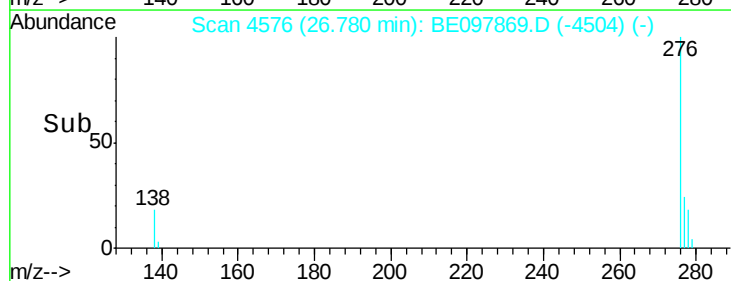
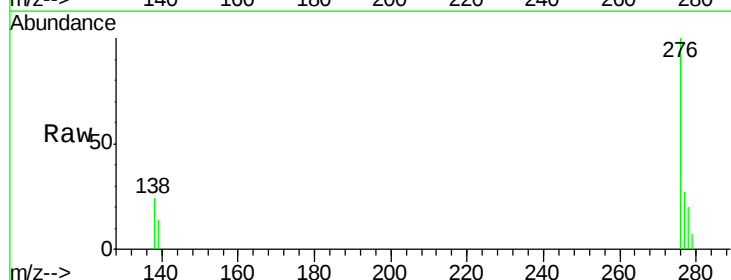
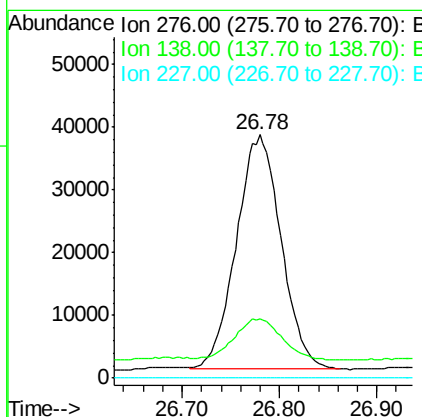
RT: 26.78 min Scan# 4576

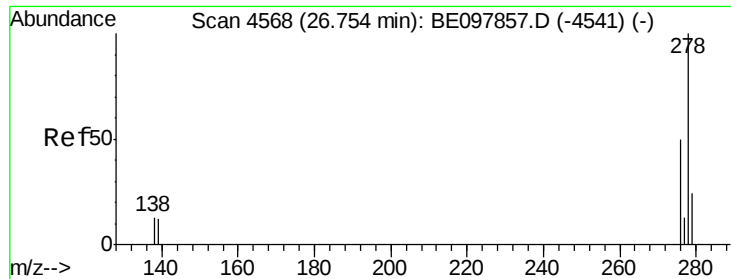
Delta R.T. 0.06 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Tgt Ion:	276	Resp:	118727
Ion Ratio		Lower	Upper
276	100		
138	1.7	0.0	0.0#
227	0.0	0.0	0.0





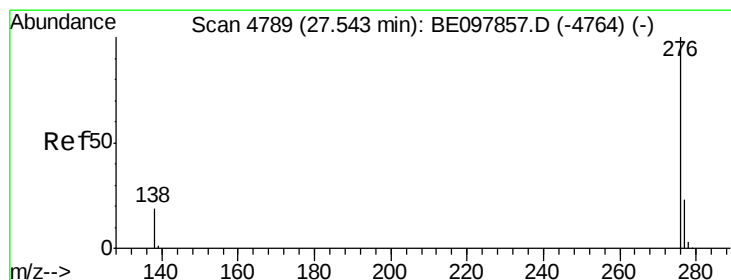
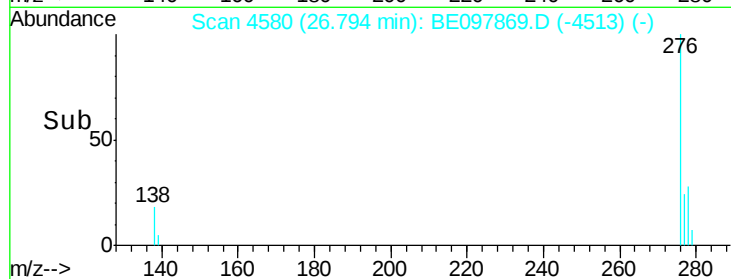
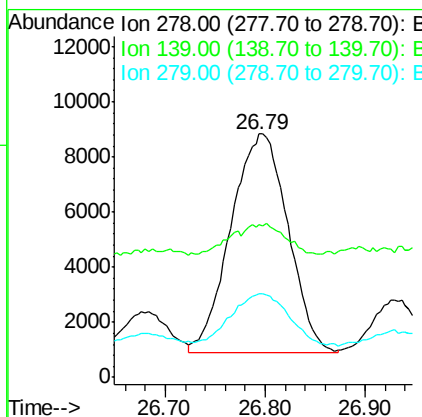
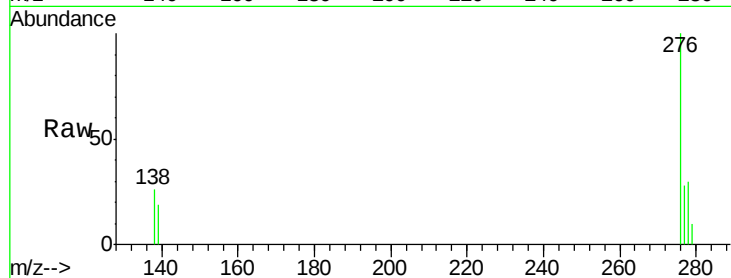
#25
Dibenzo(a,h)anthracene
Concen: 0.575 ng/ul m
RT: 26.79 min Scan# 4580
Delta R.T. 0.04 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Instrument :
BNA_E
ClientSampleId :
JLC49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	62.8	10.9	16.3#
279	34.4	18.8	28.2#

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#26
Benzo(g,h,i)perylene
Concen: 2.339 ng/ul m
RT: 27.61 min Scan# 4810
Delta R.T. 0.07 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	14.3	21.5#
277	26.1	19.5	29.3

