

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097862.D
 Acq On : 11 Oct 2018 18:04
 Operator : SJ/JU
 Sample : J5184-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC22

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:34:52 PM

Quant Time: Oct 11 18:45:01 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	4808	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	24913	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	17972	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	42017m	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	37000m	0.40	ng/ul	0.01
20) Perylene-d12	24.07	264	38412m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	10747	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	34328m	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	83579	1.379	ng/ul	100
5) 2-Methylnaphthalene	12.36	142	33099	0.755	ng/ul	99
7) Acenaphthylene	14.27	152	18615	0.274	ng/ul#	89
8) Acenaphthene	14.61	153	106485	2.018	ng/ul	97
9) Fluorene	15.60	166	107468	1.561	ng/ul	99
11) Pentachlorophenol	16.95	266	3907m	0.660	ng/ul	
12) Phenanthrene	17.35	178	2922152m	29.377	ng/ul	
13) Anthracene	17.44	178	641042m	6.955	ng/ul	
15) Fluoranthene	19.37	202	5044358m	39.487	ng/ul	
17) Pyrene	19.73	202	5730446	51.989	ng/ul#	94
18) Benzo(a)anthracene	21.48	228	2683755	23.990	ng/ul	95
19) Chrysene	21.54	228	6539452m	65.059	ng/ul	
21) Benzo(b)fluoranthene	23.30	252	5528677m	53.854	ng/ul	
22) Benzo(k)fluoranthene	23.34	252	1547722m	14.084	ng/ul	
23) Benzo(a)pyrene	23.96	252	1993592m	19.779	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.80	276	1978380	17.290	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.81	278	586979m	6.207	ng/ul	
26) Benzo(g,h,i)perylene	27.64	276	2293591	23.006	ng/ul	99

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

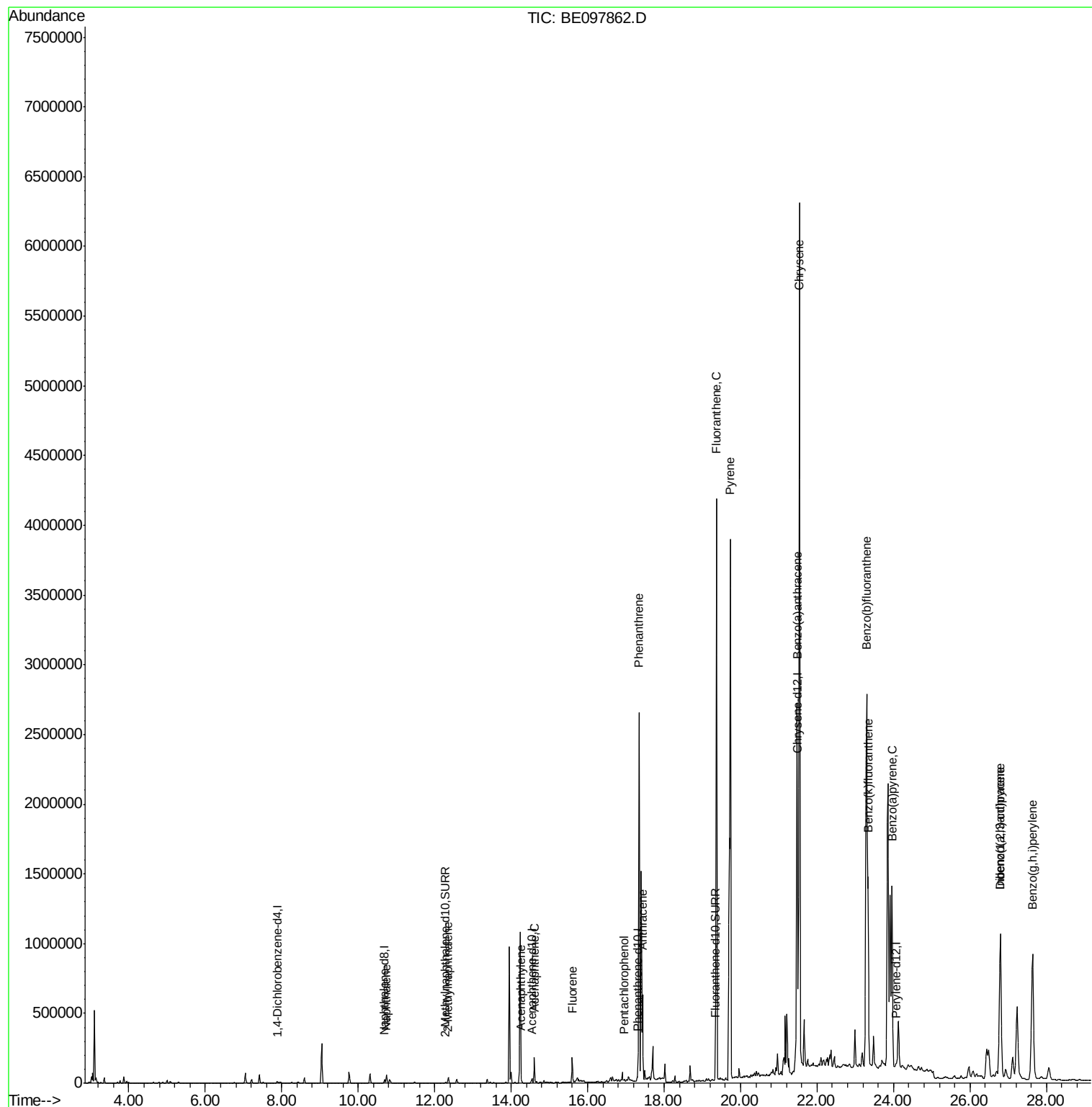
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097862.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

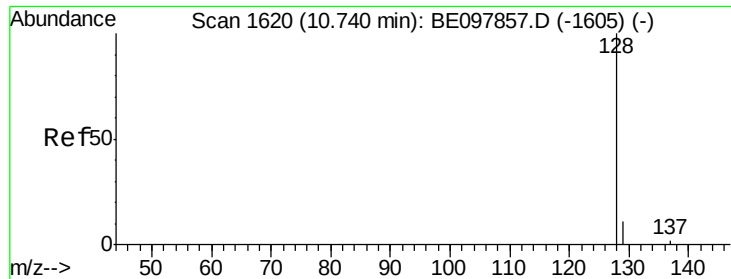
Instrument :
BNA_E
ClientSampled :
JLC22

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

Naphthalene

Concen: 1.379 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Instrument :

BNA_E

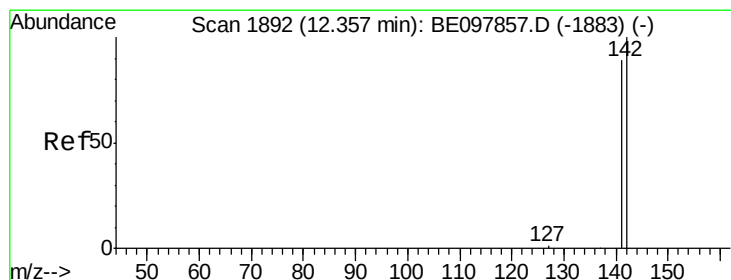
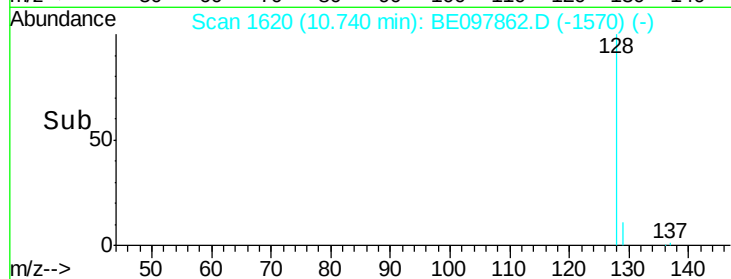
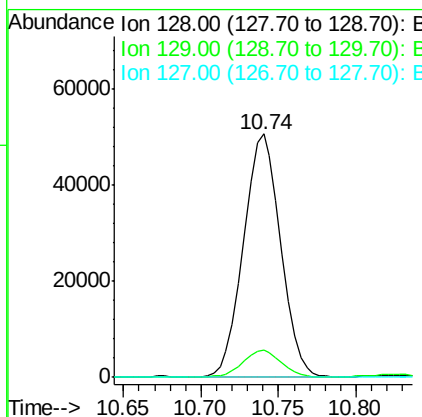
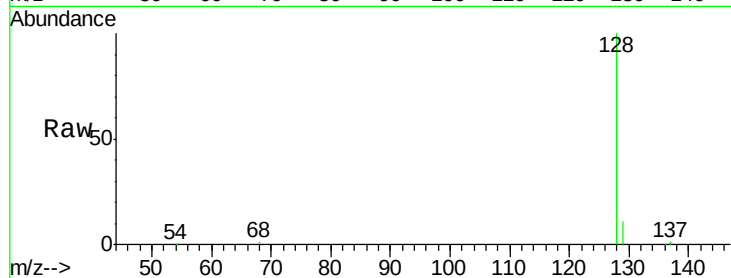
ClientSampleId :

JLC22

Tgt Ion:	128	Resp:	83579
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.755 ng/ul

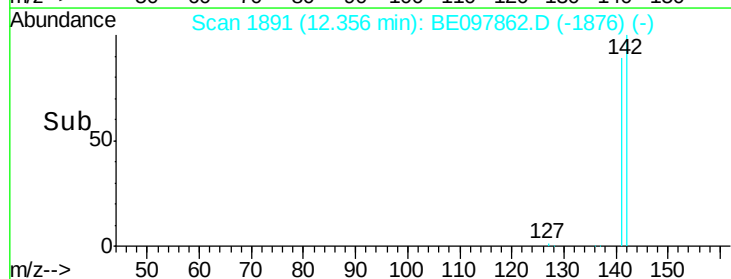
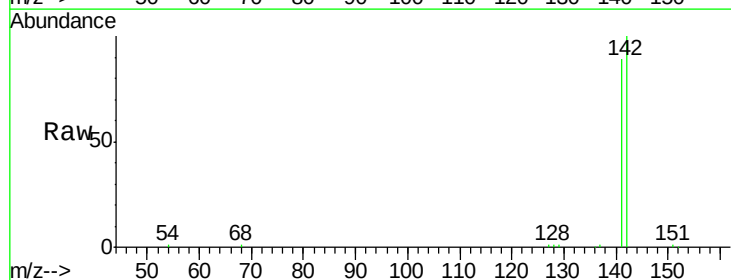
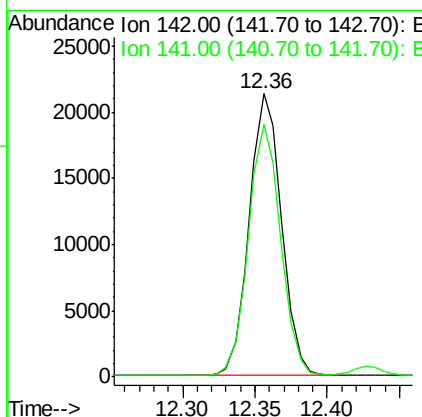
RT: 12.36 min Scan# 1891

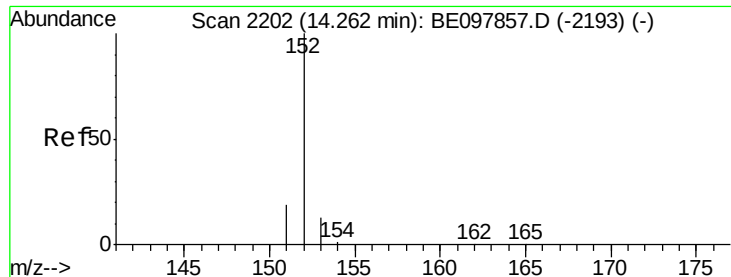
Delta R.T. -0.00 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Tgt Ion:	142	Resp:	33099
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.6	107.4





#7

Acenaphthylene

Concen: 0.274 ng/ul

RT: 14.27 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Instrument :

BNA_E

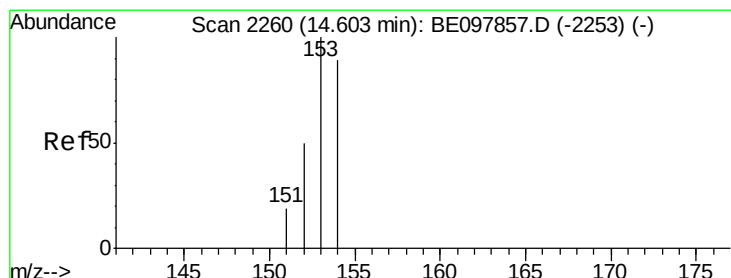
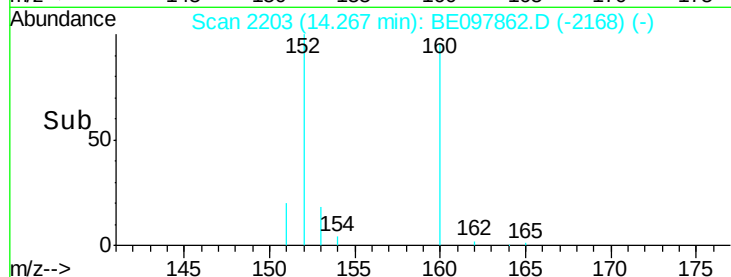
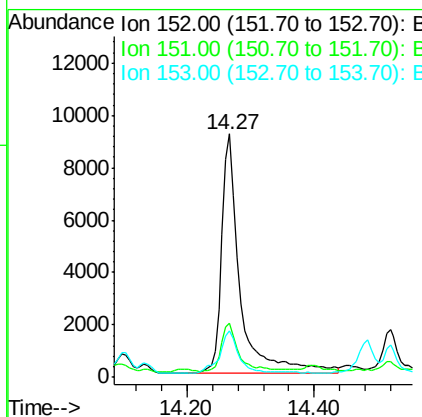
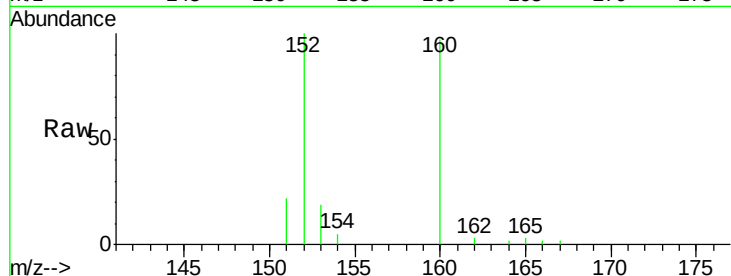
ClientSampleId :

JLC22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.0	22.6
153	19.2	10.5	15.7

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#8

Acenaphthene

Concen: 2.018 ng/ul

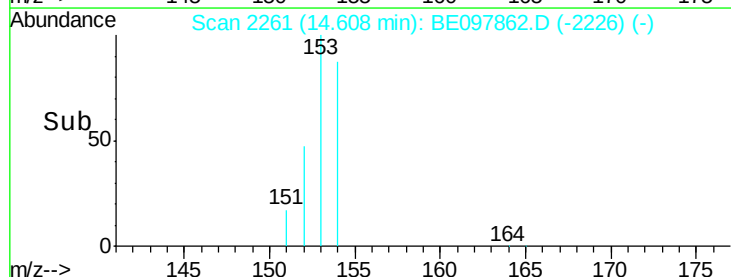
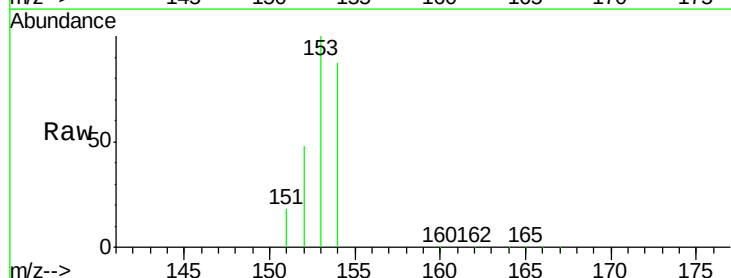
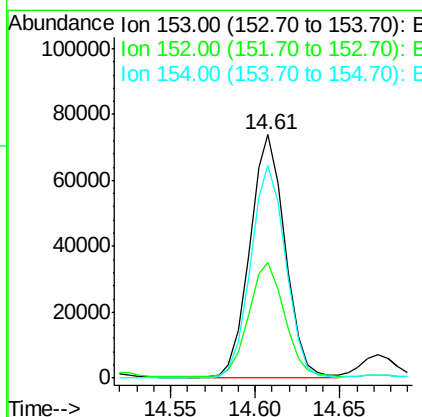
RT: 14.61 min Scan# 2261

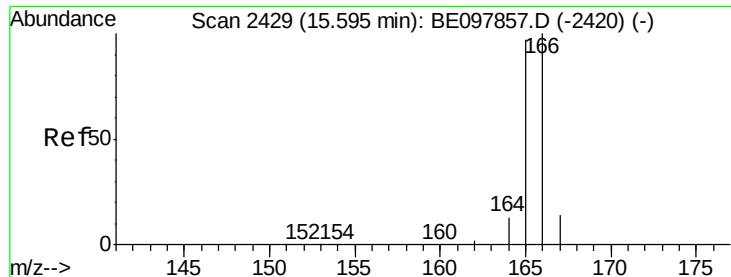
Delta R.T. 0.01 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.7	41.2	61.8
154	87.5	68.6	103.0





#9

Fluorene

Concen: 1.561 ng/ul

RT: 15.60 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Instrument :

BNA_E

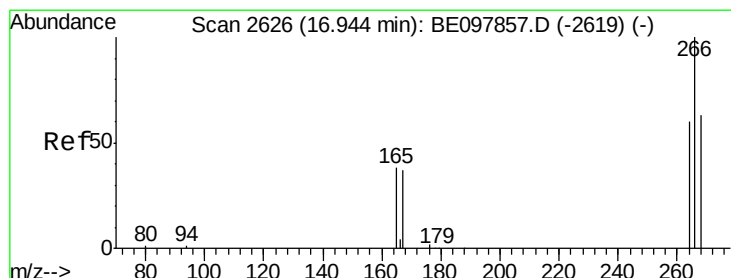
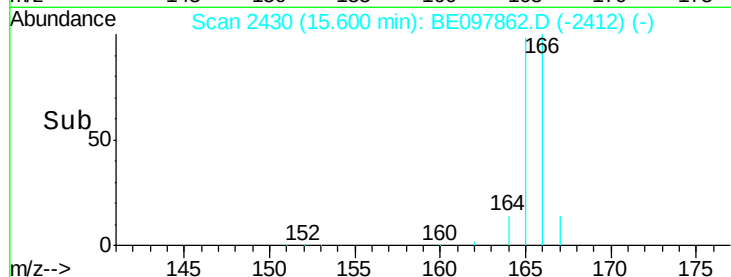
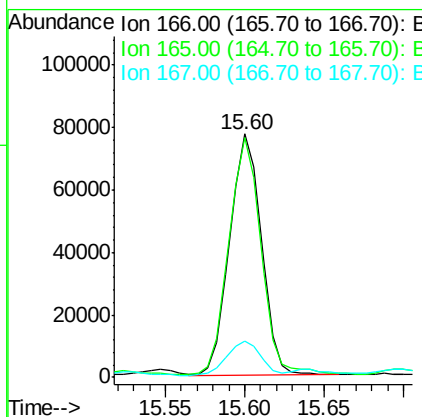
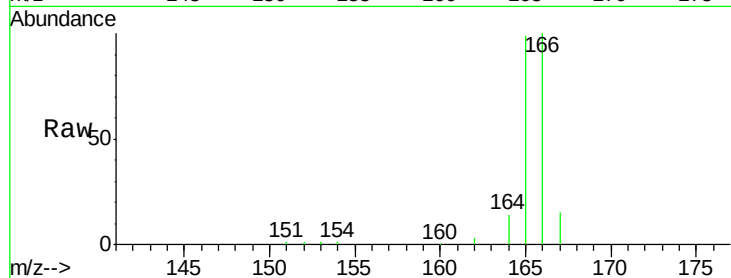
ClientSampleId :

JLC22

Tgt Ion:	166	Resp:	107468
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.2	118.8
167	15.1	11.3	16.9

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#11

Pentachlorophenol

Concen: 0.660 ng/ul m

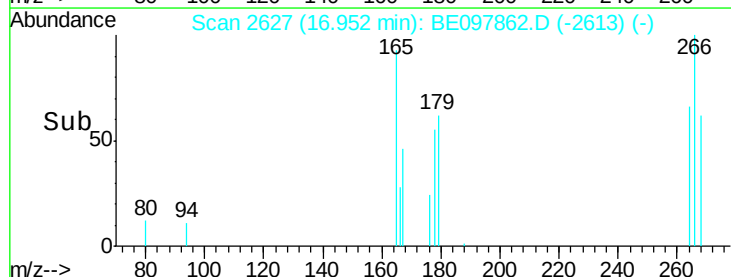
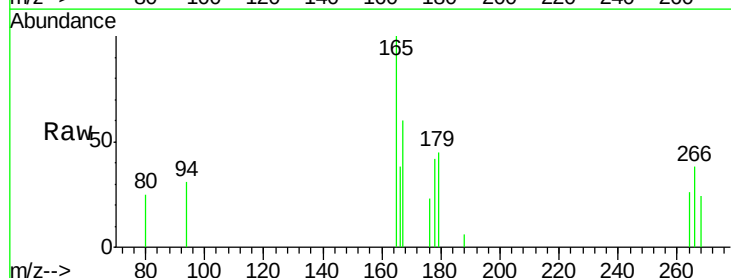
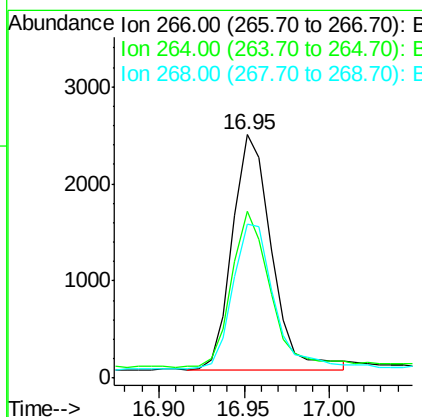
RT: 16.95 min Scan# 2627

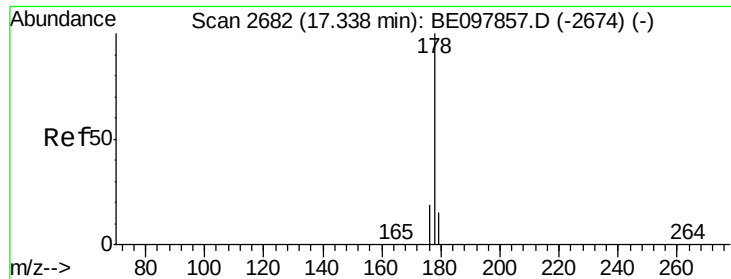
Delta R.T. 0.00 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Tgt Ion:	266	Resp:	3907
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.8	74.8#
268	0.0	48.4	72.6#





#12

Phenanthrene

Concen: 29.377 ng/ul m

RT: 17.35 min Scan# 2683

Delta R.T. 0.01 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Instrument :

BNA_E

ClientSampled :

JLC22

Tgt Ion:178 Resp: 2922152

Ion Ratio Lower Upper

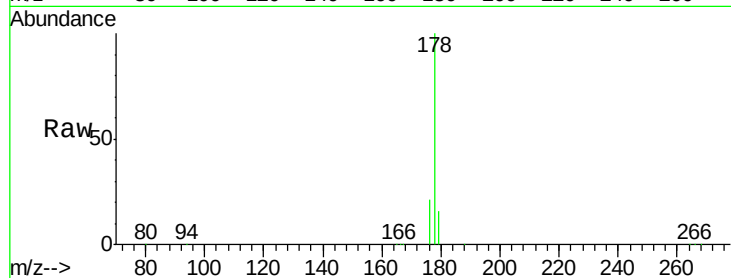
178 100

179 16.3 12.8 19.2

176 21.0 14.9 22.3

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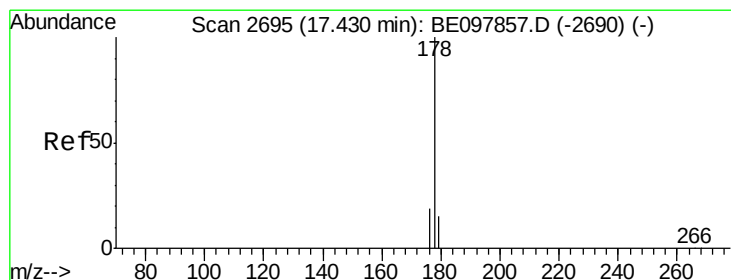
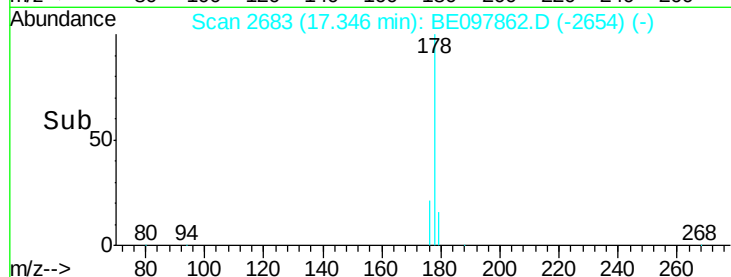
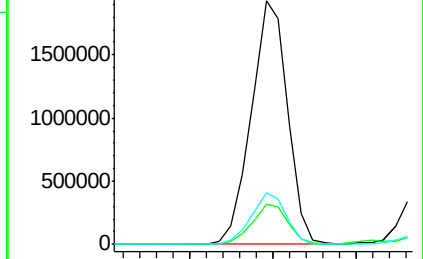
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 6.955 ng/ul m

RT: 17.44 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

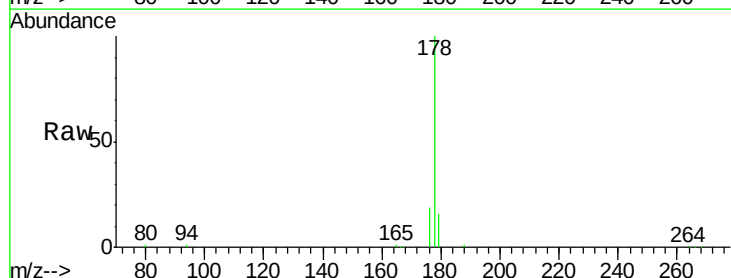
Tgt Ion:178 Resp: 641042

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

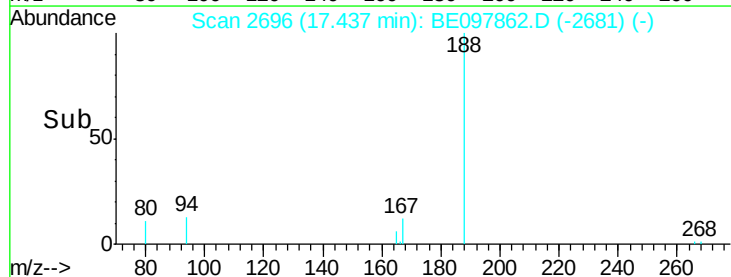
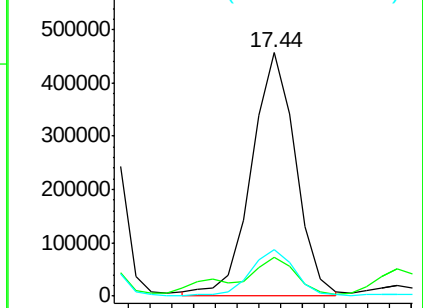
176 19.3 15.5 23.3

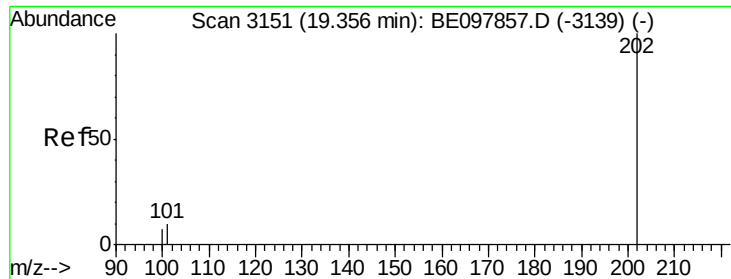


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





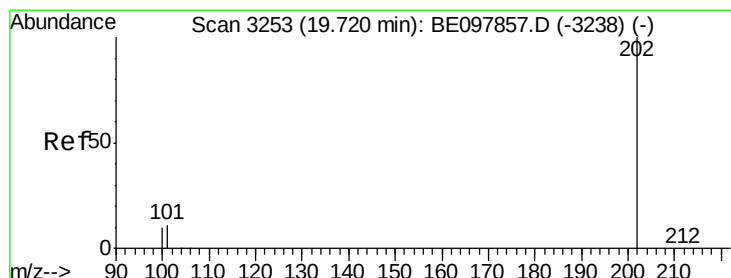
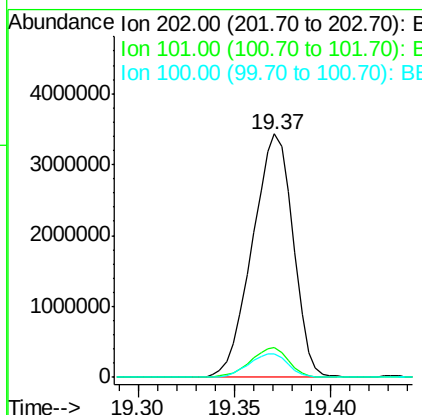
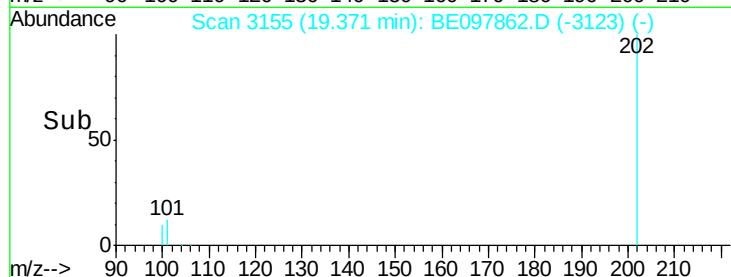
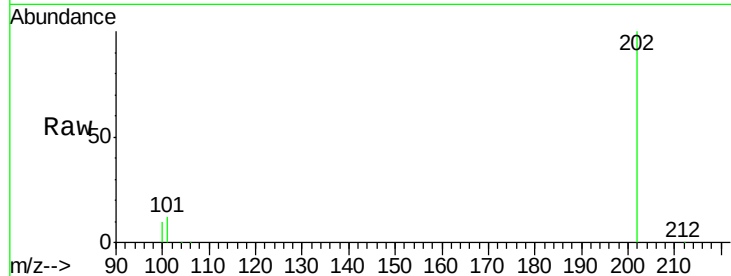
#15
Fluoranthene
Concen: 39.487 ng/ul m
RT: 19.37 min Scan# 3155
Delta R.T. 0.02 min
Lab File: BE097862.D
Acq: 11 Oct 2018 18:04

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:202 Resp: 5044358
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.3
100 9.8 0.0 27.5

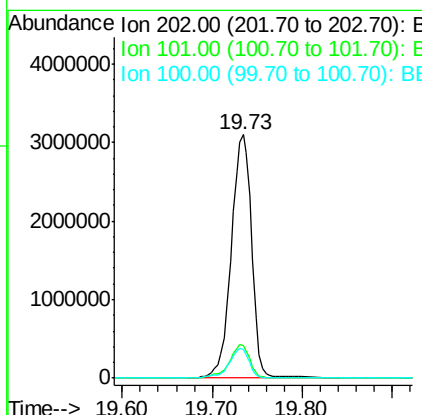
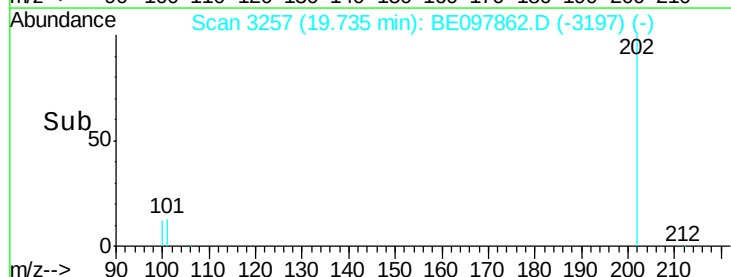
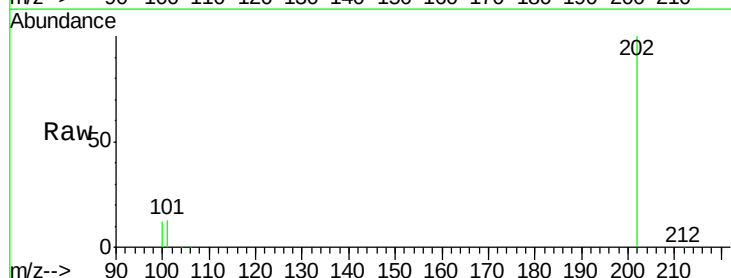
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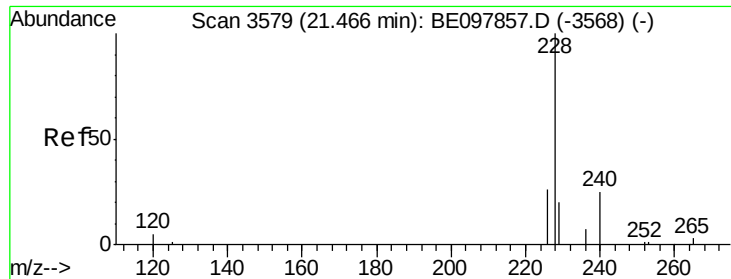
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#17
Pyrene
Concen: 51.989 ng/ul
RT: 19.73 min Scan# 3257
Delta R.T. 0.02 min
Lab File: BE097862.D
Acq: 11 Oct 2018 18:04

Tgt Ion:202 Resp: 5730446
Ion Ratio Lower Upper
202 100
101 13.3 8.8 13.2#
100 11.8 7.9 11.9





#18

Benzo(a)anthracene

Concen: 23.990 ng/ul

RT: 21.48 min Scan# 3581

Delta R.T. 0.02 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Instrument :

BNA_E

ClientSampleId :

JLC22

Tgt Ion:228 Resp: 2683755

Ion Ratio Lower Upper

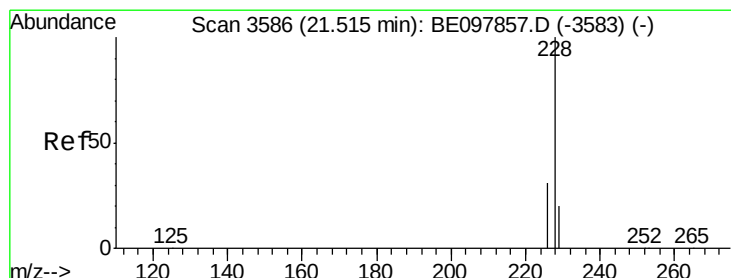
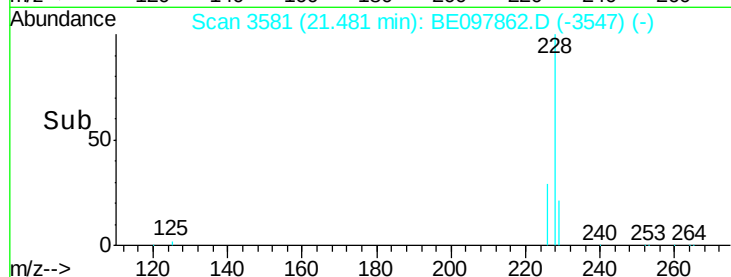
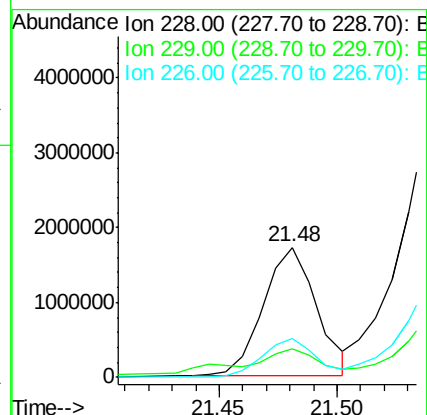
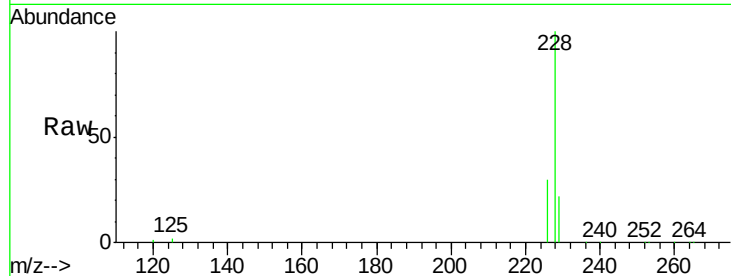
228 100

229 22.4 16.4 24.6

226 29.5 21.5 32.3

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#19

Chrysene

Concen: 65.059 ng/ul m

RT: 21.54 min Scan# 3590

Delta R.T. 0.03 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

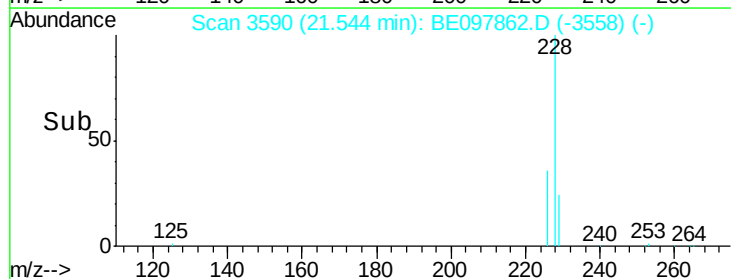
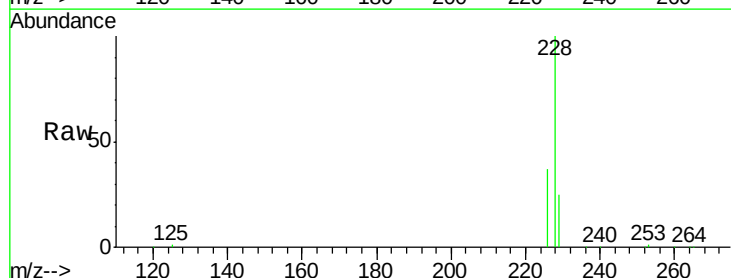
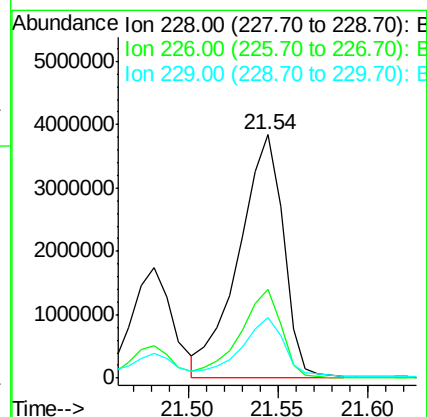
Tgt Ion:228 Resp: 6539452

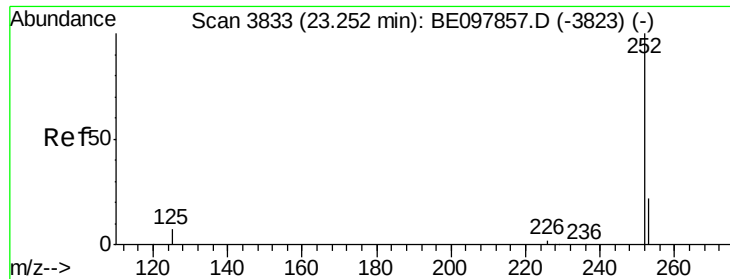
Ion Ratio Lower Upper

228 100

226 36.6 23.0 34.4#

229 24.8 15.5 23.3#





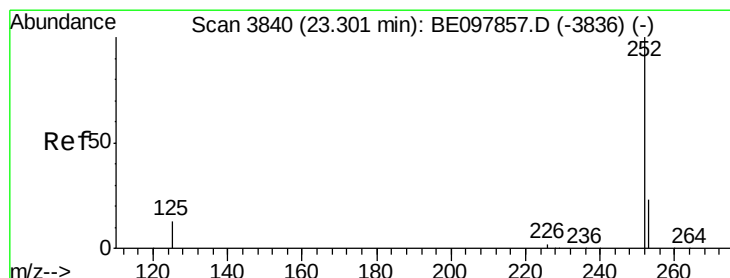
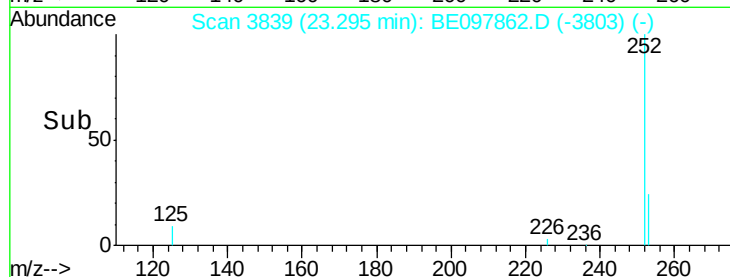
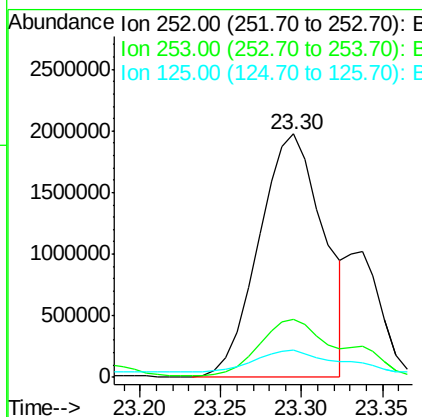
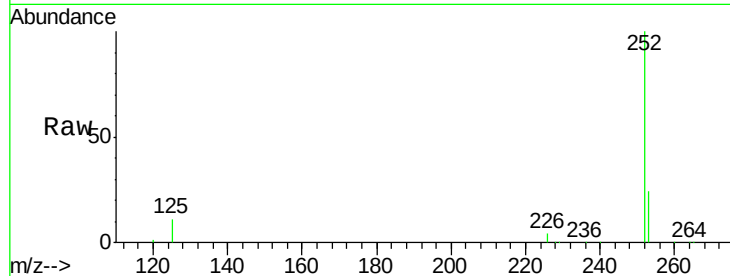
#21
Benzo(b)fluoranthene
Concen: 53.854 ng/ul m
RT: 23.30 min Scan# 3839
Delta R.T. 0.05 min
Lab File: BE097862.D
Acq: 11 Oct 2018 18:04

Instrument :
BNA_E
ClientSampleId :
JLC22

Tgt Ion:252 Resp: 5528677
Ion Ratio Lower Upper
252 100
253 24.1 0.0 47.0
125 11.0 0.0 18.2

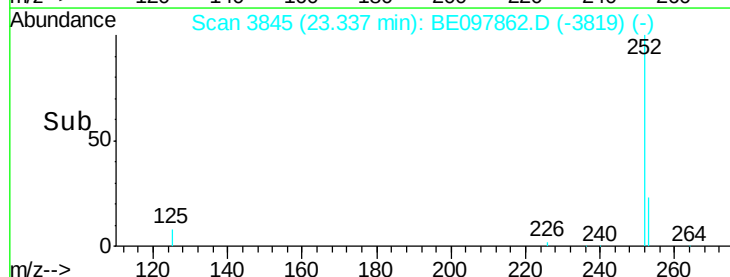
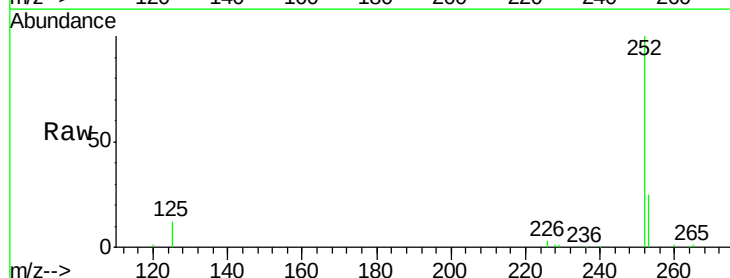
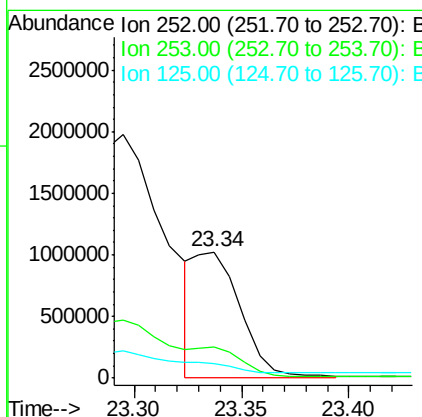
Manual Integrations
APPROVED

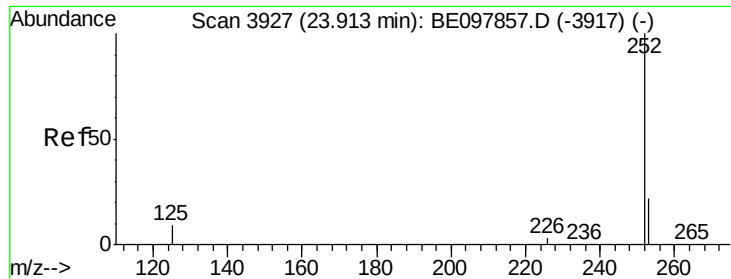
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#22
Benzo(k)fluoranthene
Concen: 14.084 ng/ul m
RT: 23.34 min Scan# 3845
Delta R.T. 0.04 min
Lab File: BE097862.D
Acq: 11 Oct 2018 18:04

Tgt Ion:252 Resp: 1547722
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 12.0 9.4 14.0





#23

Benzo(a)pyrene

Concen: 19.779 ng/ul m

RT: 23.96 min Scan# 3934

Delta R.T. 0.05 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

Instrument :

BNA_E

ClientSampled :

JLC22

Tgt Ion:252 Resp: 1993592

Ion Ratio Lower Upper

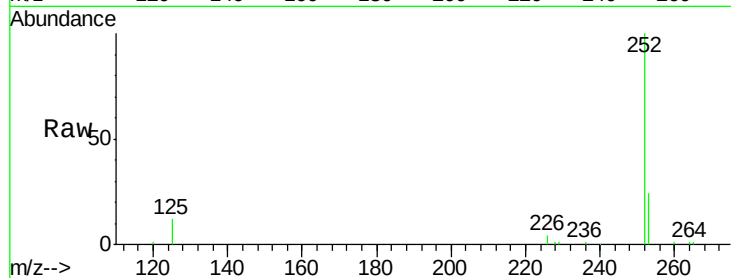
252 100

253 23.9 18.2 27.4

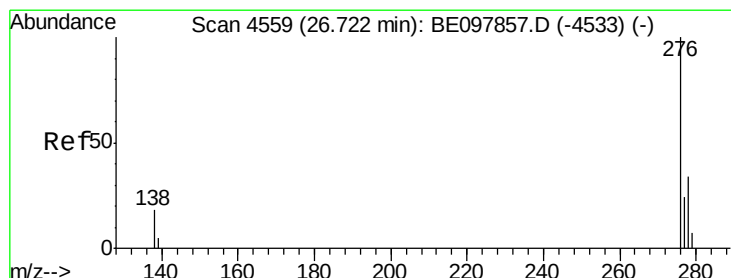
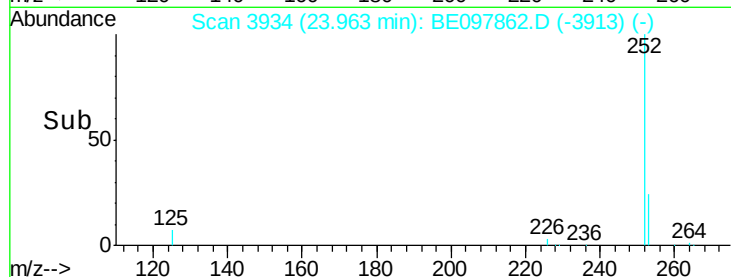
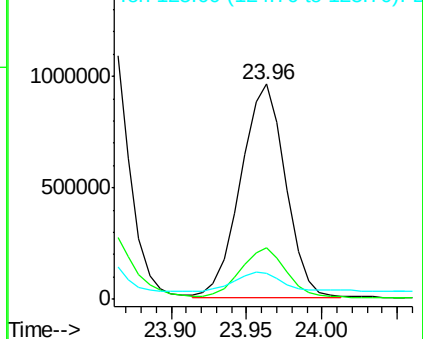
125 12.3 8.3 12.5

Manual Integrations
APPROVED

Sohil
10/12/2018 6:34:52 PM



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: 17.290 ng/ul

RT: 26.80 min Scan# 4580

Delta R.T. 0.08 min

Lab File: BE097862.D

Acq: 11 Oct 2018 18:04

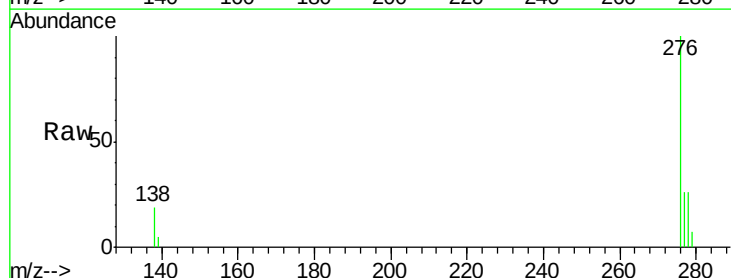
Tgt Ion:276 Resp: 1978380

Ion Ratio Lower Upper

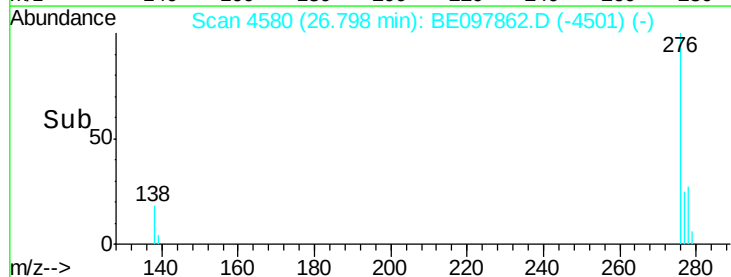
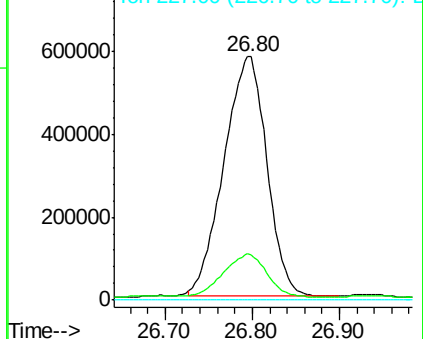
276 100

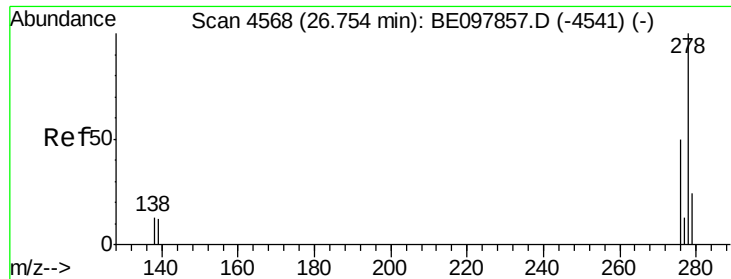
138 18.0 0.0 0.0#

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





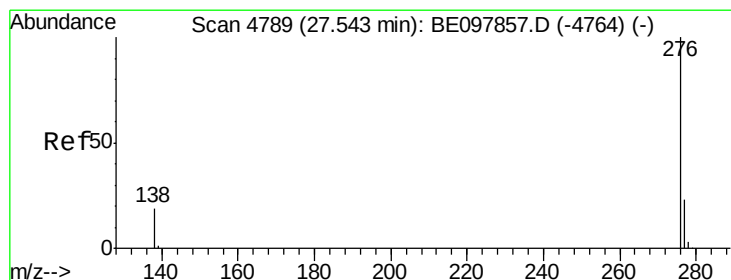
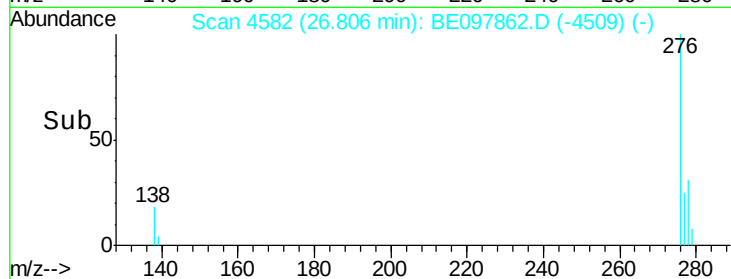
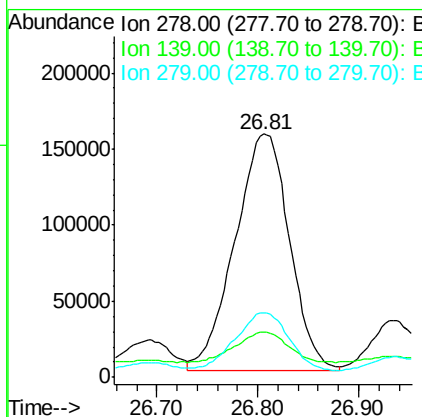
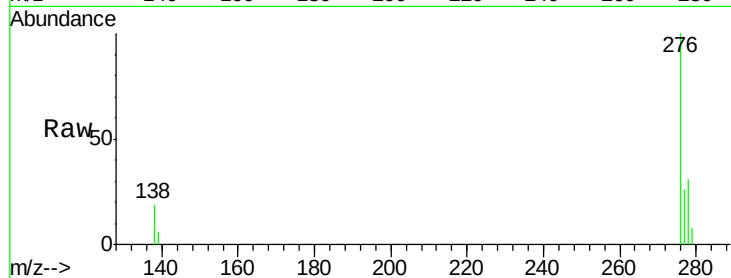
#25
Dibenzo(a,h)anthracene
Concen: 6.207 ng/ul m
RT: 26.81 min Scan# 4582
Delta R.T. 0.06 min
Lab File: BE097862.D
Acq: 11 Oct 2018 18:04

Instrument :
BNA_E
ClientSampleId :
JLC22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	10.9	16.3#
279	26.3	18.8	28.2

Manual Integrations
APPROVED

Sohil
10/12/2018 6:34:52 PM



#26
Benzo(g,h,i)perylene
Concen: 23.006 ng/ul
RT: 27.64 min Scan# 4816
Delta R.T. 0.10 min
Lab File: BE097862.D
Acq: 11 Oct 2018 18:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	14.3	21.5
277	24.6	19.5	29.3

