

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
 Data File : BE095908.D
 Acq On : 29 Mar 2018 10:50
 Operator : SJ/JU
 Sample : J2060-06DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS7DL

Manual Integrations
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Sohil
 3/29/2018 6:44:55 PM

Quant Time: Mar 29 17:17:45 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1648	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4958	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6669	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6725	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	6739	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	478	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1317	0.06	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.29	128	2278	0.165	ng/ul#	91
5) 2-Methylnaphthalene	12.87	142	986	0.102	ng/ul	98
8) Acenaphthene	15.06	153	6301	0.545	ng/ul	95
9) Fluorene	16.03	166	7661	0.611	ng/ul#	91
12) Phenanthrene	17.75	178	61947	3.102	ng/ul#	88
13) Anthracene	17.84	178	17226	0.922	ng/ul#	91
15) Fluoranthene	19.72	202	91166	3.768	ng/ul	82
17) Pyrene	20.07	202	80485	3.152	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	57081	2.631	ng/ul#	85
19) Chrysene	21.83	228	41123	1.861	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	46751m	2.003	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	15797m	0.712	ng/ul	
23) Benzo(a)pyrene	24.30	252	32222	1.512	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.23	276	18102	0.766	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.24	278	5579	0.295	ng/ul	95
26) Benzo(g,h,i)perylene	28.11	276	15778	0.777	ng/ul	94

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

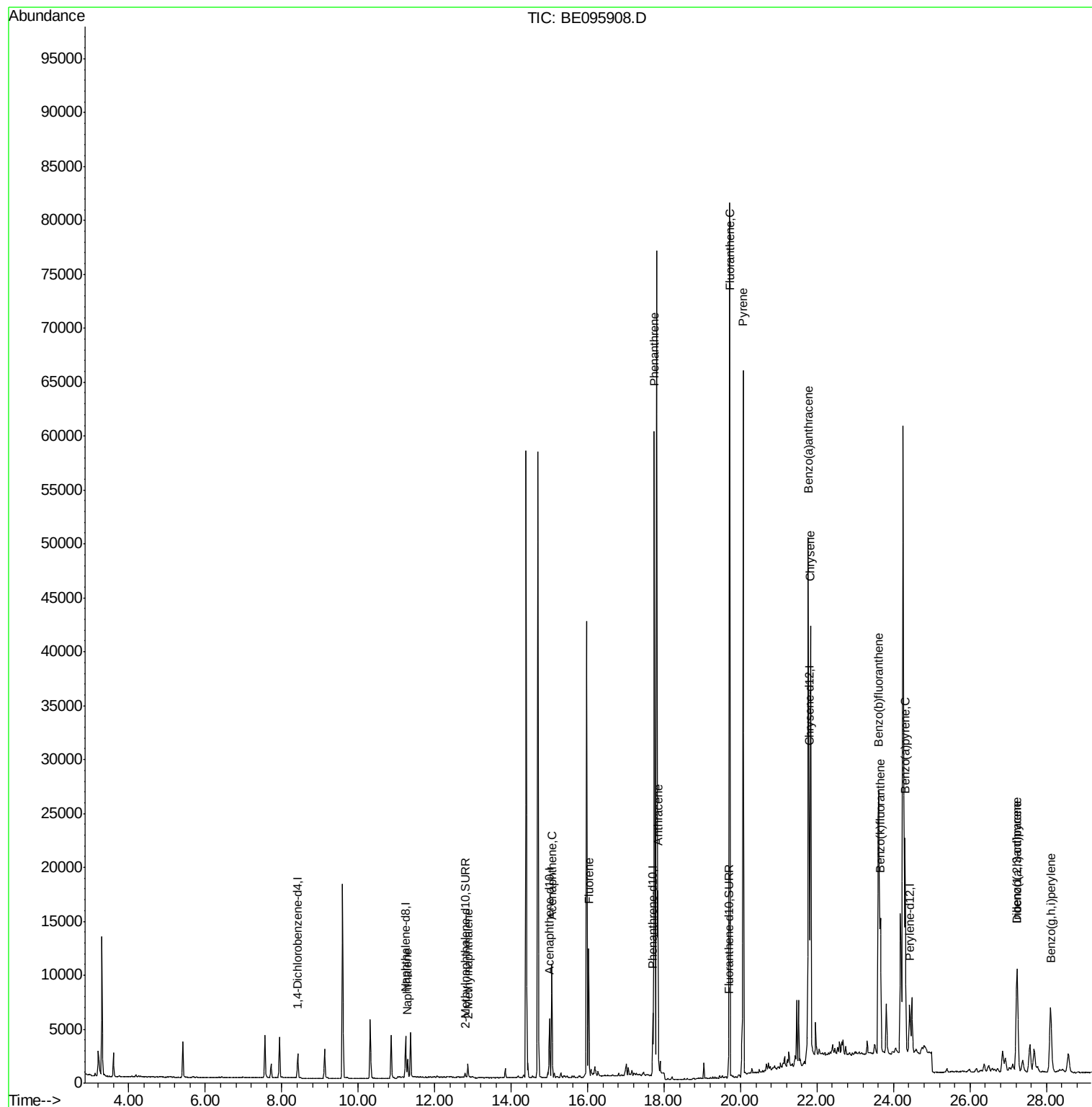
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095908.D
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Sample : J2060-06DL 5X
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ALS Vial : 4 Sample Multiplier: 1

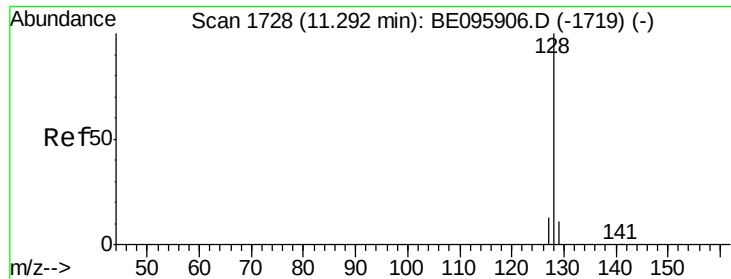
Instrument :
BNA_E
ClientSampleId :
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3/29/2018 6:44:55 PM

Quant Time: Mar 29 17:17:45 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.165 ng/ul

RT: 11.29 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

Instrument :

BNA_E

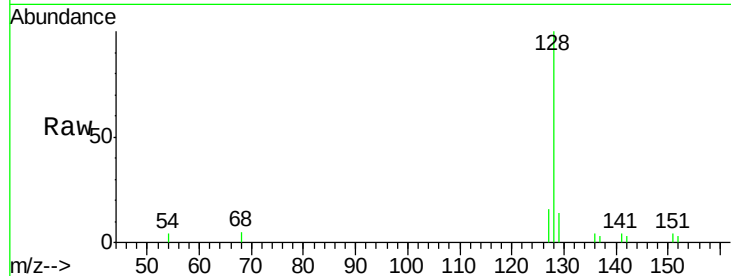
ClientSampleId :

C0AS7DL

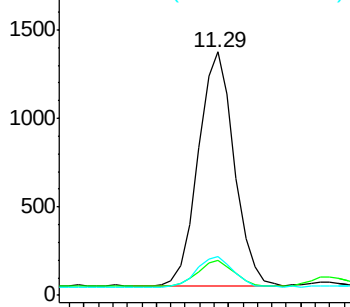
Tgt Ion:	128	Resp:	2278
Ion Ratio	Lower	Upper	
128	100		
129	14.4	11.3	16.9
127	16.0	4.0	6.0#

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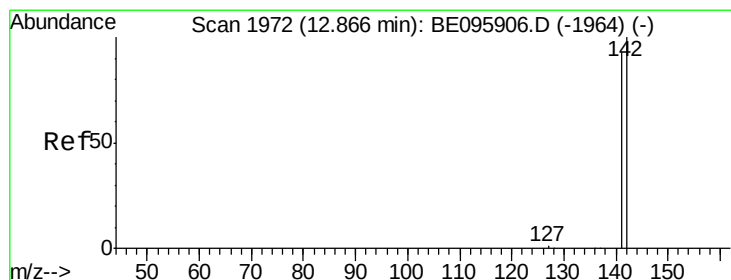
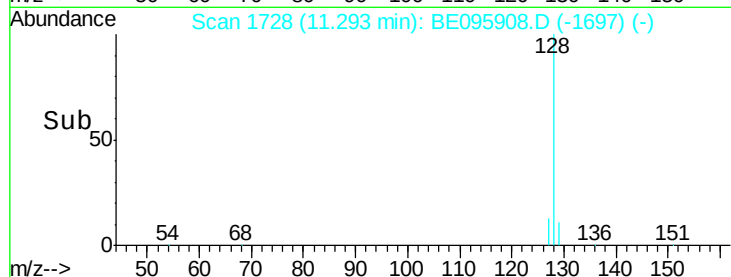
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.102 ng/ul

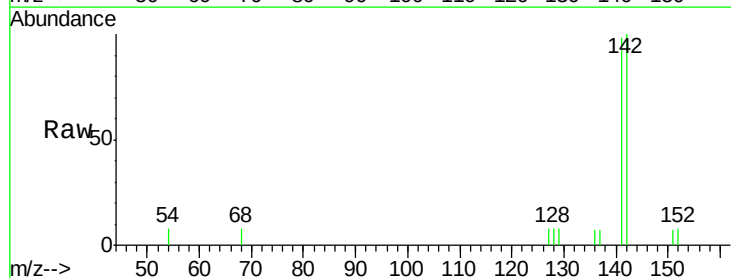
RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

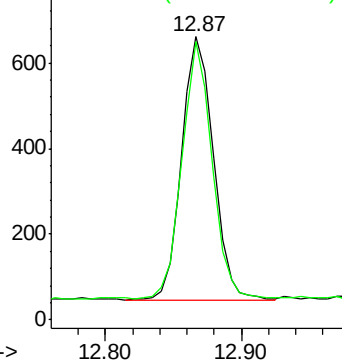
Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

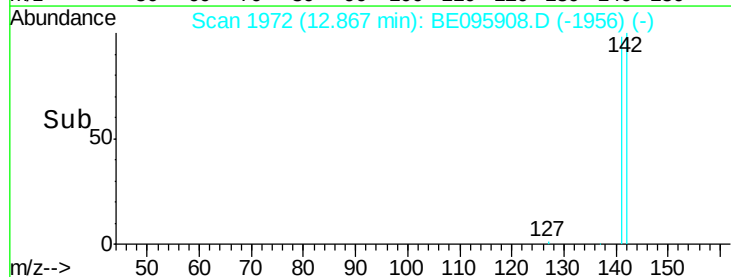
Tgt Ion:	142	Resp:	986
Ion Ratio	Lower	Upper	
142	100		
141	92.3	72.6	108.8

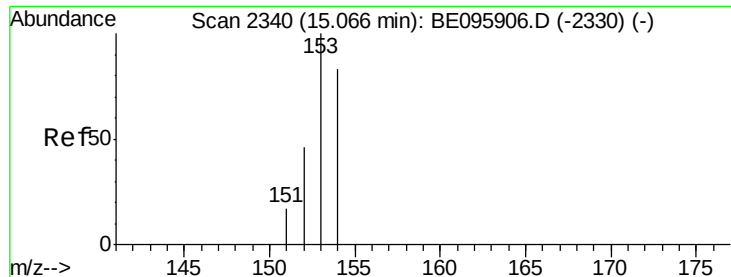


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#8

Acenaphthene

Concen: 0.545 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

Instrument :

BNA_E

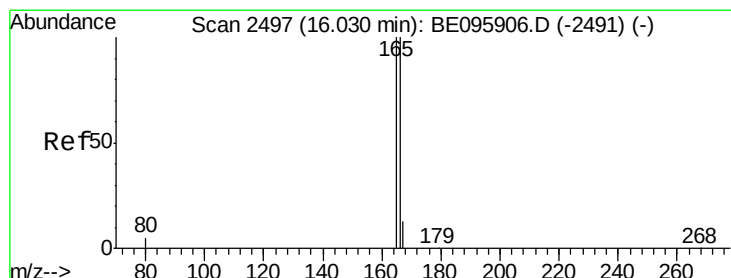
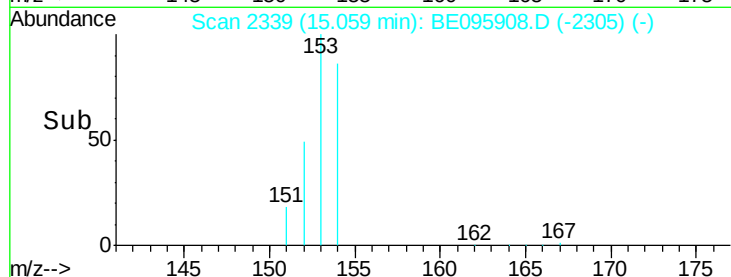
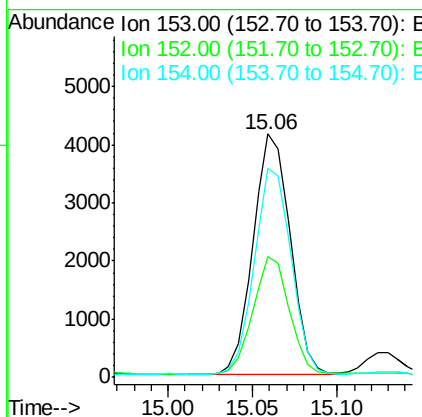
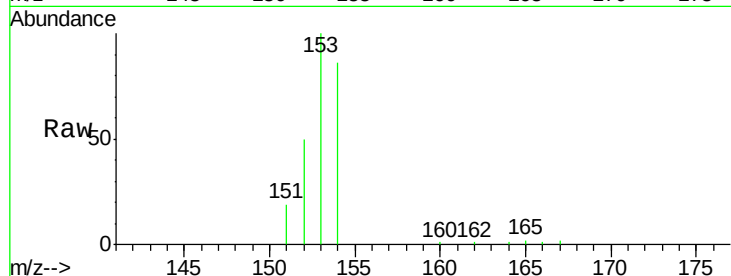
ClientSampled :

C0AS7DL

Tgt Ion:	153	Resp:	6301
Ion Ratio	Lower	Upper	
153	100		
152	49.5	36.0	54.0
154	86.1	72.0	108.0

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#9

Fluorene

Concen: 0.611 ng/ul

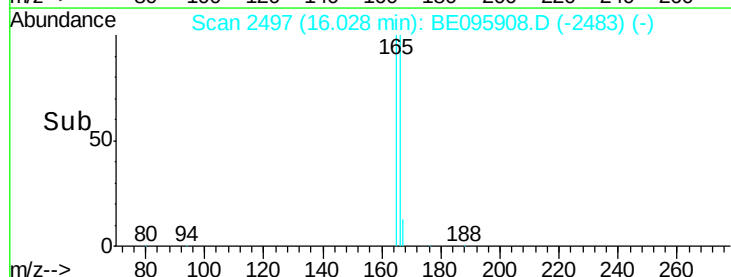
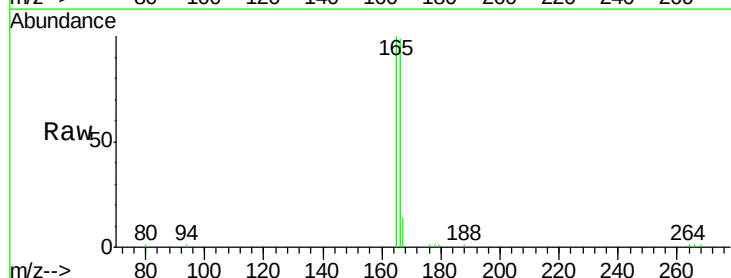
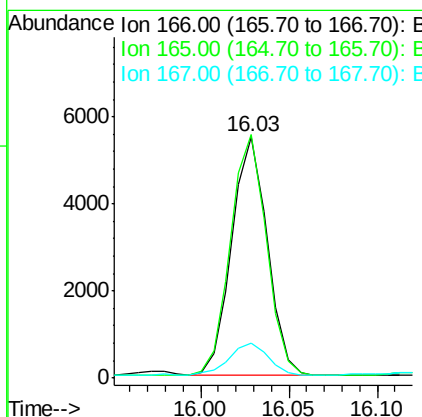
RT: 16.03 min Scan# 2497

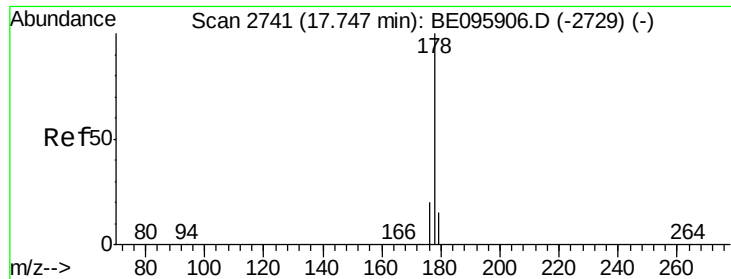
Delta R.T. 0.01 min

Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

Tgt Ion:	166	Resp:	7661
Ion Ratio	Lower	Upper	
166	100		
165	100.8	73.4	110.2
167	14.6	14.6	22.0





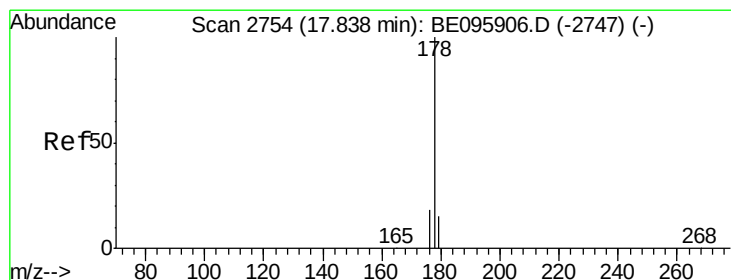
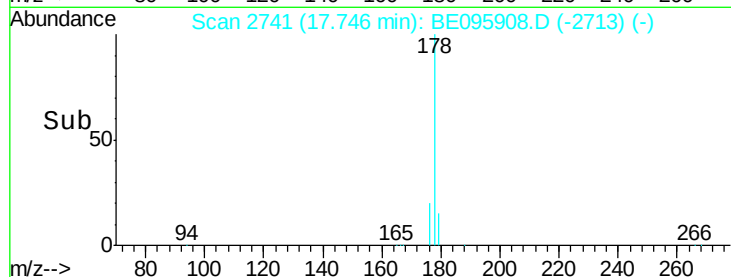
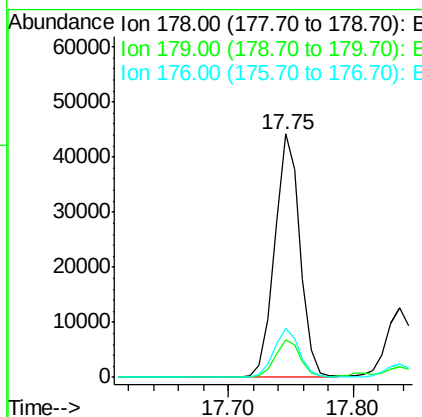
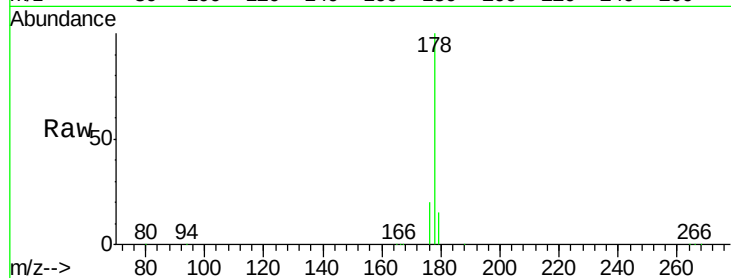
#12
Phenanthrene
Concen: 3.102 ng/ul
RT: 17.75 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Instrument :
BNA_E
ClientSampleId :
C0AS7DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	20.0	13.6	20.4

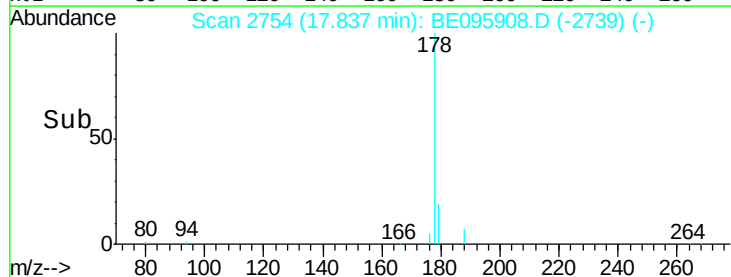
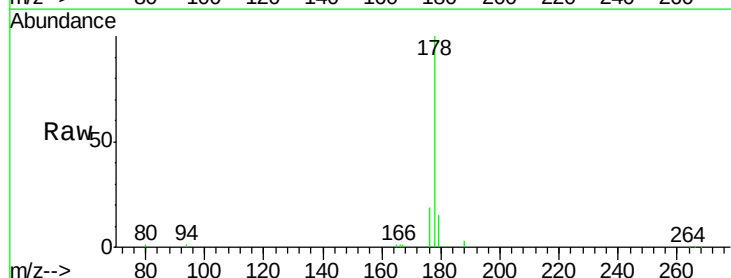
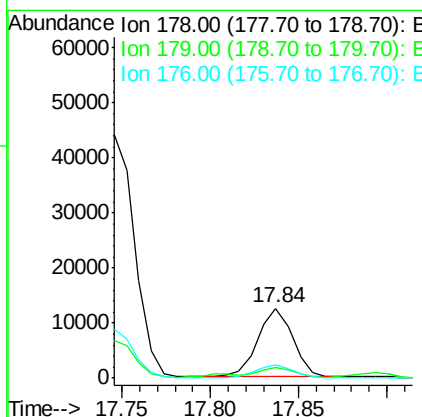
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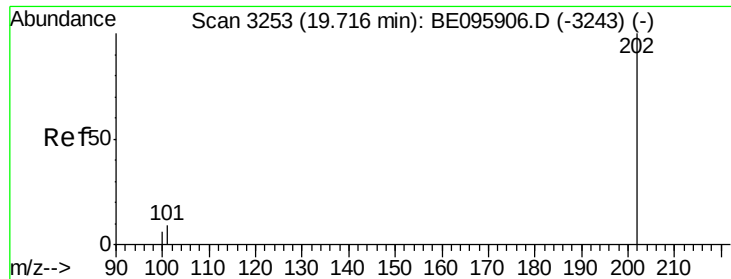
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#13
Anthracene
Concen: 0.922 ng/ul
RT: 17.84 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.0	14.7	22.1





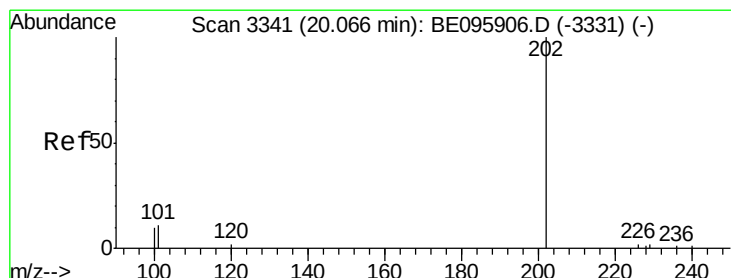
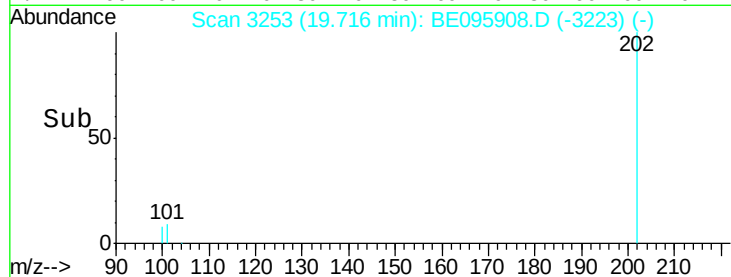
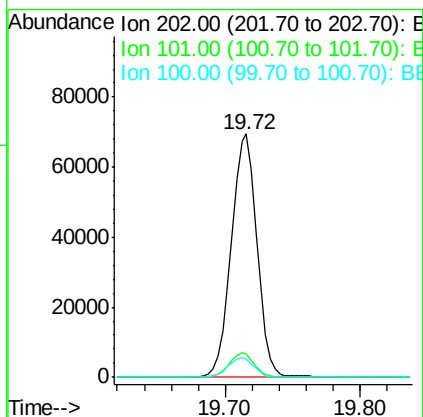
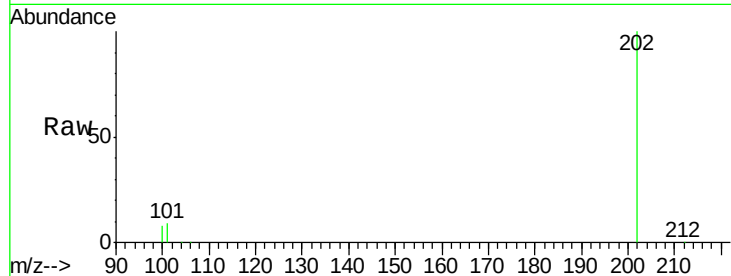
#15
Fluoranthene
Concen: 3.768 ng/ul
RT: 19.72 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Instrument :
BNA_E
ClientSampleId :
C0AS7DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	91166		
101	9.4	0.0	30.3	
100	7.7	0.0	39.5	

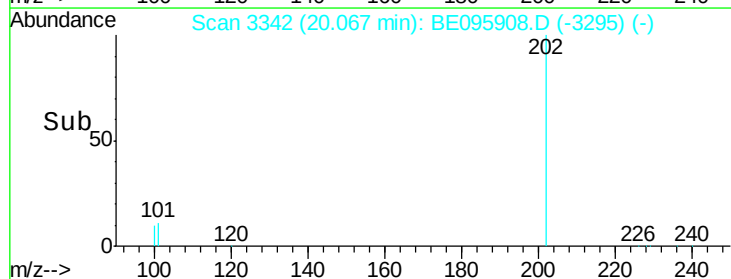
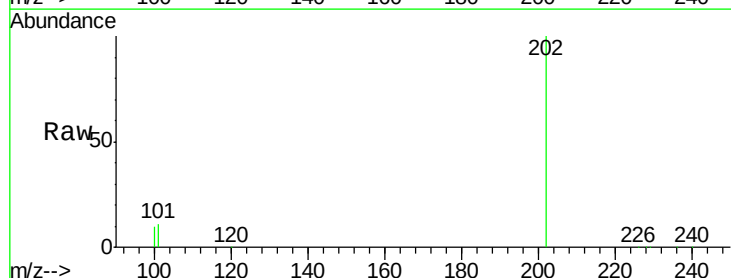
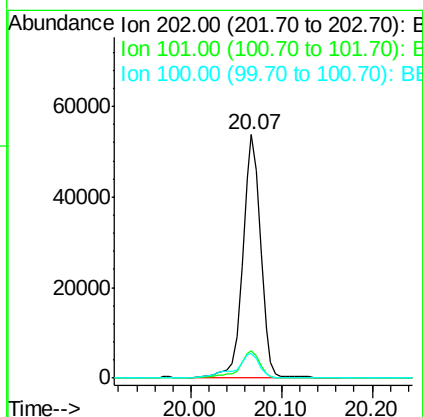
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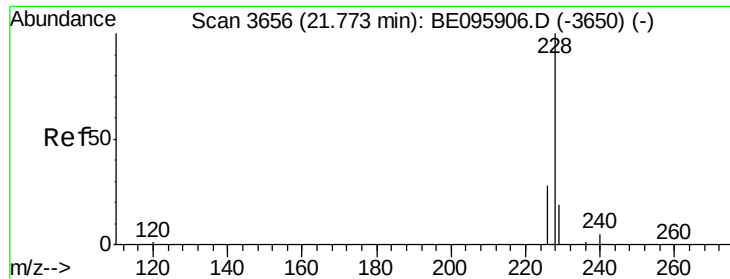
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#17
Pyrene
Concen: 3.152 ng/ul
RT: 20.07 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	80485		
101	11.4	18.2	27.4#	
100	10.4	15.6	23.4#	





#18

Benzo(a)anthracene

Concen: 2.631 ng/ul

RT: 21.77 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

Instrument :

BNA_E

ClientSampleId :

C0AS7DL

Tgt Ion:228 Resp: 57081

Ion Ratio Lower Upper

228 100

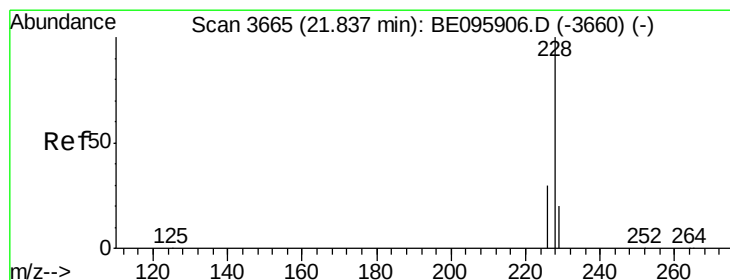
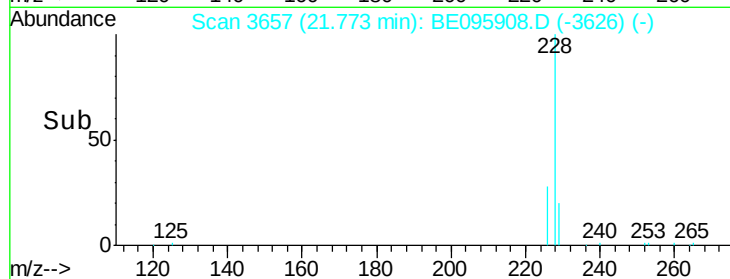
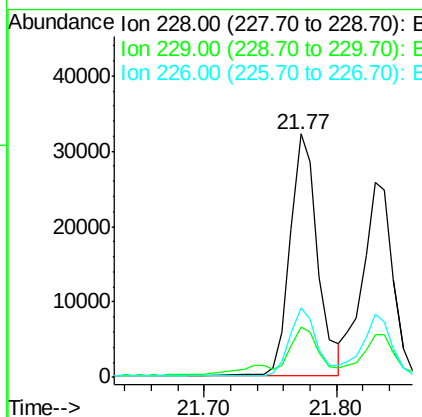
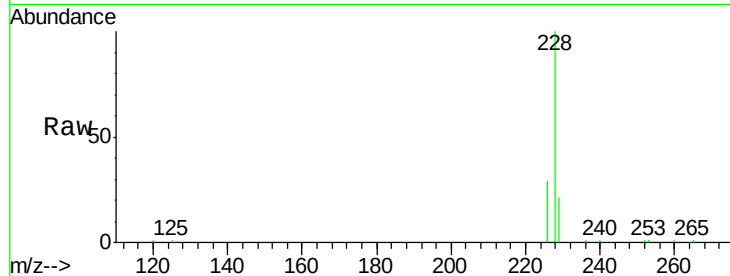
229 20.5 22.8 34.2#

226 28.7 17.0 25.6#

Manual Integrations
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#19

Chrysene

Concen: 1.861 ng/ul

RT: 21.83 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

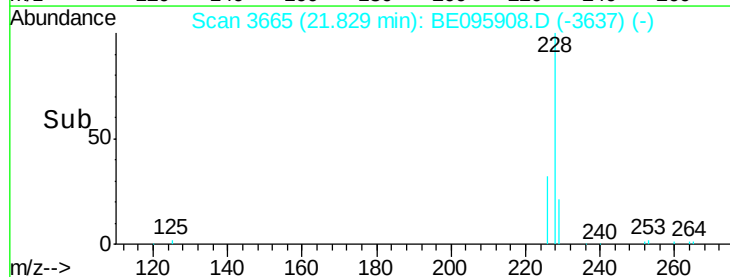
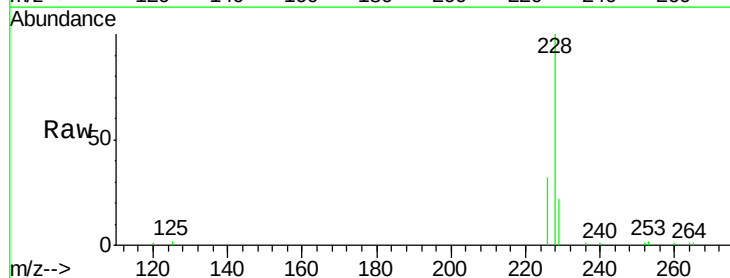
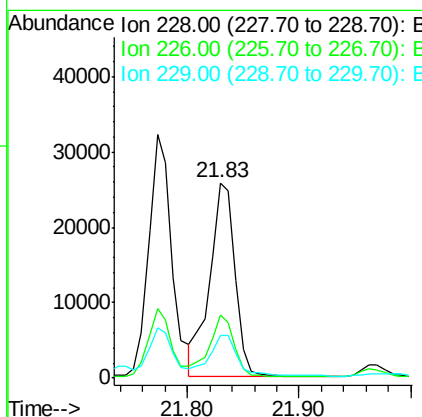
Tgt Ion:228 Resp: 41123

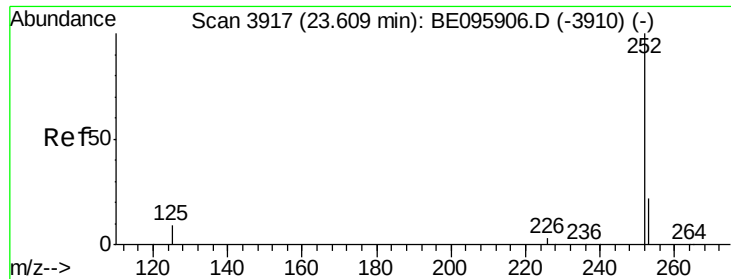
Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.0

229 22.1 17.7 26.5





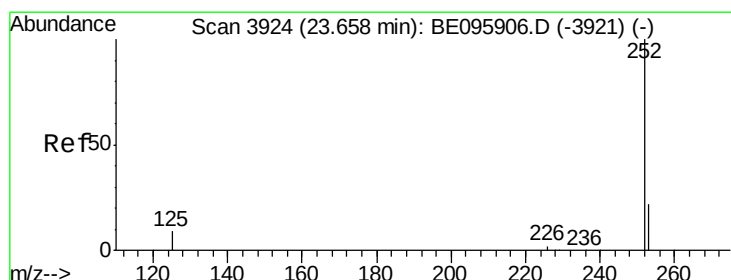
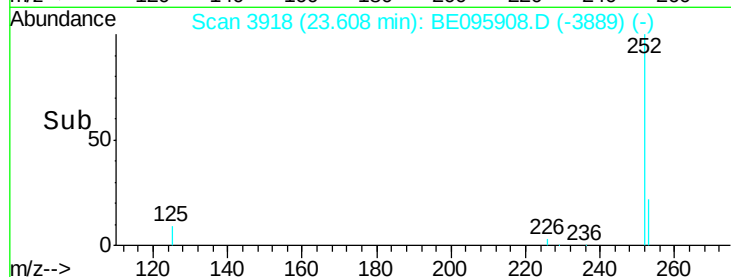
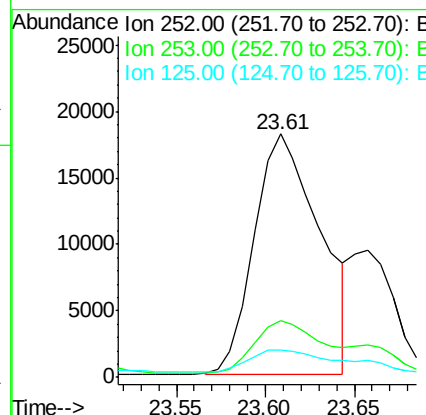
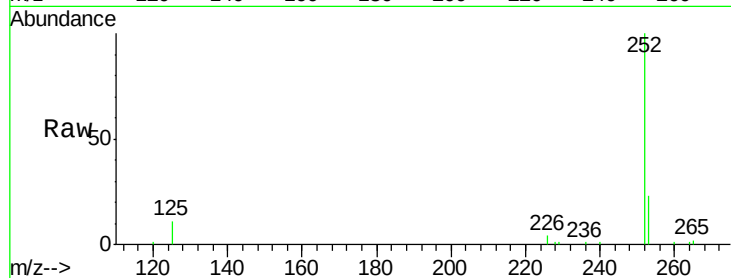
#21
Benzo(b)fluoranthene
Concen: 2.003 ng/ul m
RT: 23.61 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Instrument :
BNA_E
ClientSampleId :
C0AS7DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	0.0	64.2
125	11.4	0.0	35.0

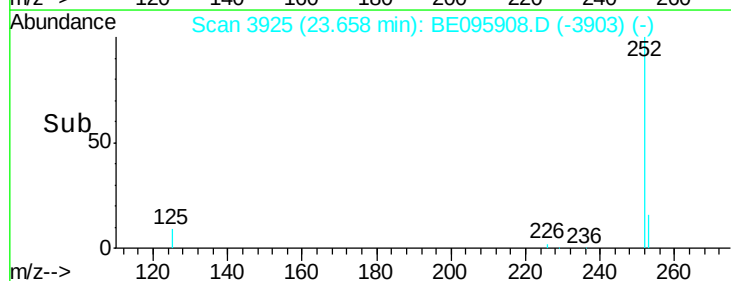
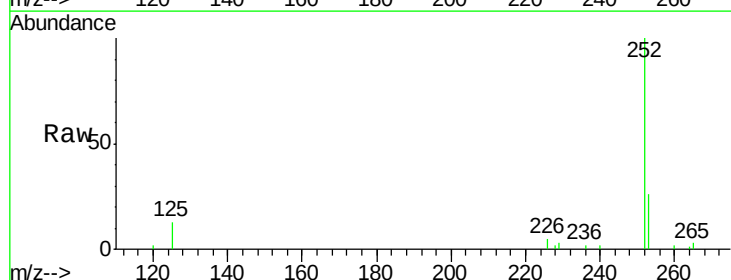
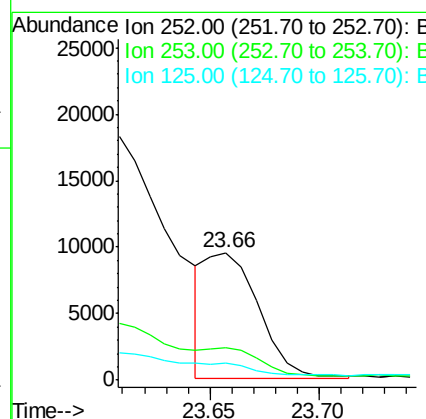
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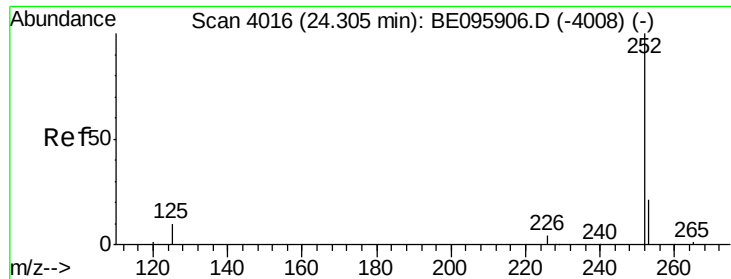
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#22
Benzo(k)fluoranthene
Concen: 0.712 ng/ul m
RT: 23.66 min Scan# 3925
Delta R.T. 0.01 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.6	24.5	36.7
125	12.9	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.512 ng/ul

RT: 24.30 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

Instrument :

BNA_E

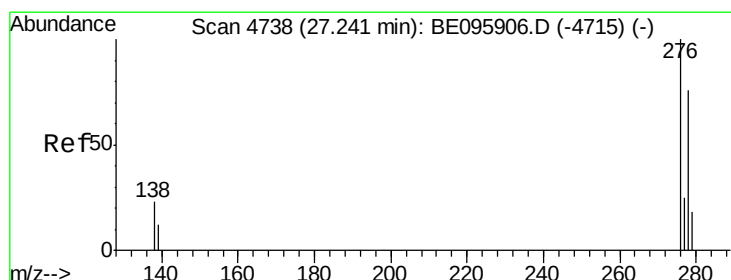
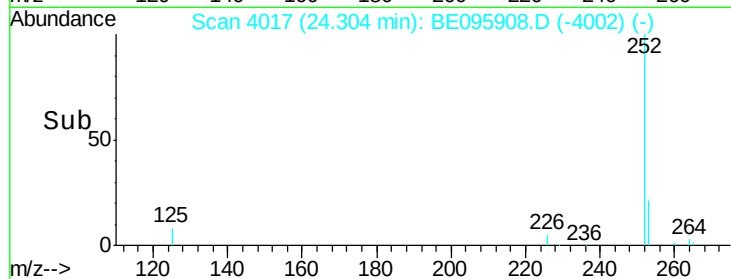
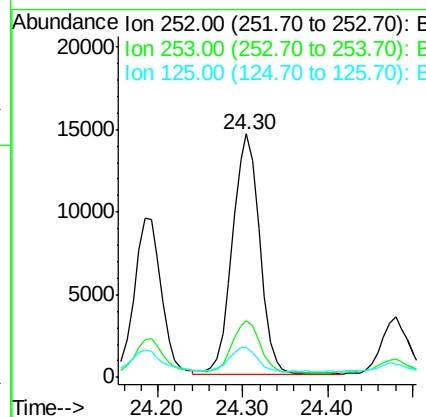
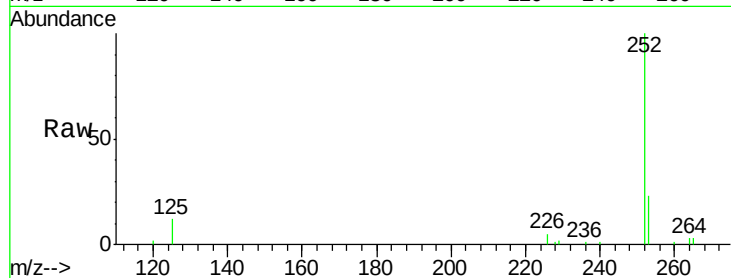
ClientSampleId :

C0AS7DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	12.2	18.1	27.1#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.766 ng/ul

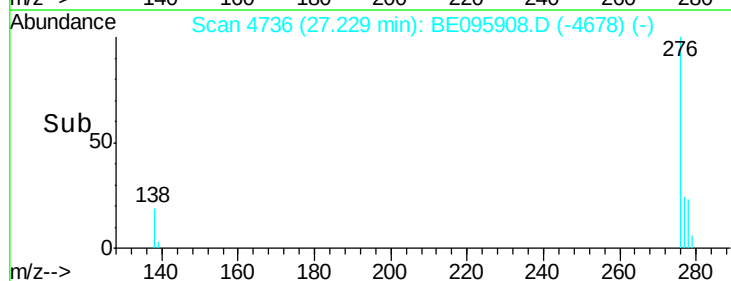
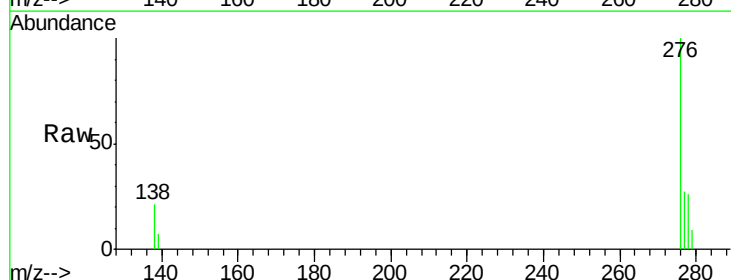
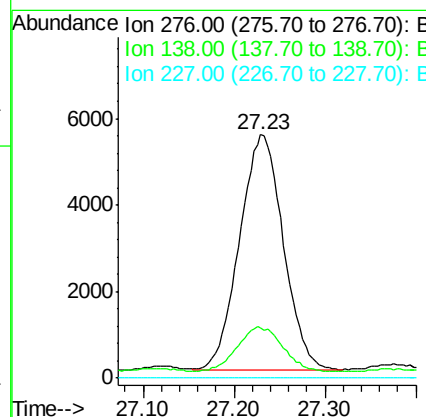
RT: 27.23 min Scan# 4736

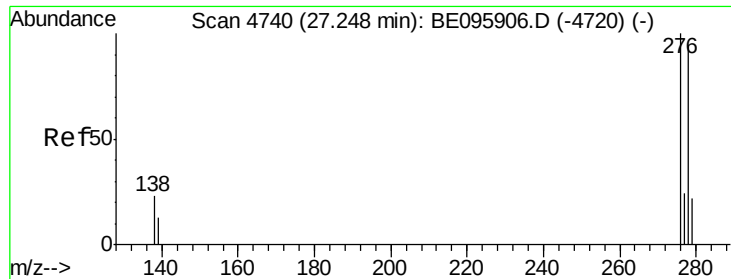
Delta R.T. 0.01 min

Lab File: BE095908.D

Acq: 29 Mar 2018 10:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#





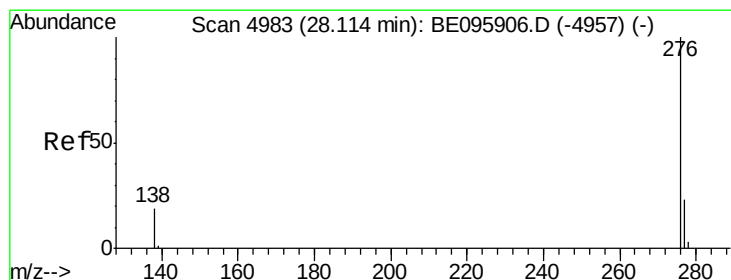
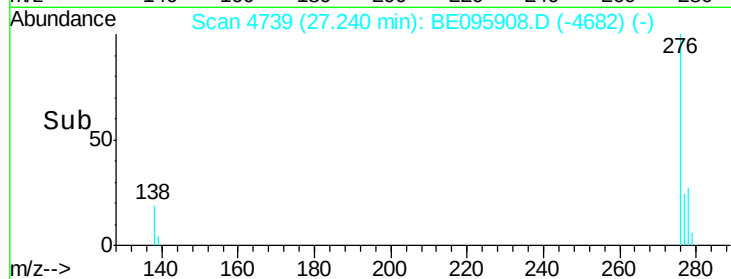
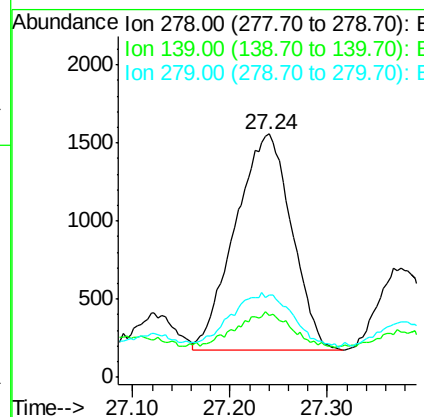
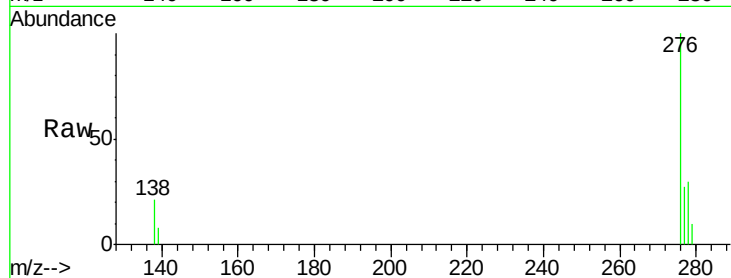
#25
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 27.24 min Scan# 4739
Delta R.T. 0.00 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Instrument :
BNA_E
ClientSampleId :
C0A57DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.5	17.4	26.0
279	34.0	25.9	38.9

Manual Integrations
APPROVED

Sohil
3/29/2018 6:44:55 PM



#26
Benzo(g,h,i)perylene
Concen: 0.777 ng/ul
RT: 28.11 min Scan# 4982
Delta R.T. 0.02 min
Lab File: BE095908.D
Acq: 29 Mar 2018 10:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.8	32.8
277	27.0	20.5	30.7

