

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095317.D
 Acq On : 31 Jan 2018 14:59
 Operator : SJ/JU
 Sample : J1243-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B26

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:56:07 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 11:55:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2682	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8523	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5936	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11426m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11377	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11816m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3991	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10157	0.23	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	282356	11.831	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	116580	7.315	ng/ul	100
7) Acenaphthylene	14.74	152	2016	0.071	ng/ul#	74
8) Acenaphthene	15.08	153	57873	2.612	ng/ul	93
9) Fluorene	16.02	166	50505	2.210	ng/ul#	73
11) Pentachlorophenol	17.36	266	274275	123.934	ng/ul#	56
12) Phenanthrene	17.75	178	241644	6.288	ng/ul#	85
13) Anthracene	17.84	178	41988	1.194	ng/ul#	91
15) Fluoranthene	19.72	202	131601	2.645	ng/ul	84
17) Pyrene	20.08	202	90462	2.370	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	19210	0.540	ng/ul#	87
19) Chrysene	21.84	228	15514	0.420	ng/ul	94
21) Benzo(b)fluoranthene	23.63	252	15250m	0.366	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	3681m	0.097	ng/ul	
23) Benzo(a)pyrene	24.32	252	5529m	0.149	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	3421m	0.084	ng/ul	
26) Benzo(a,h,i)perylene	28.13	276	3529m	0.102	ng/ul	

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

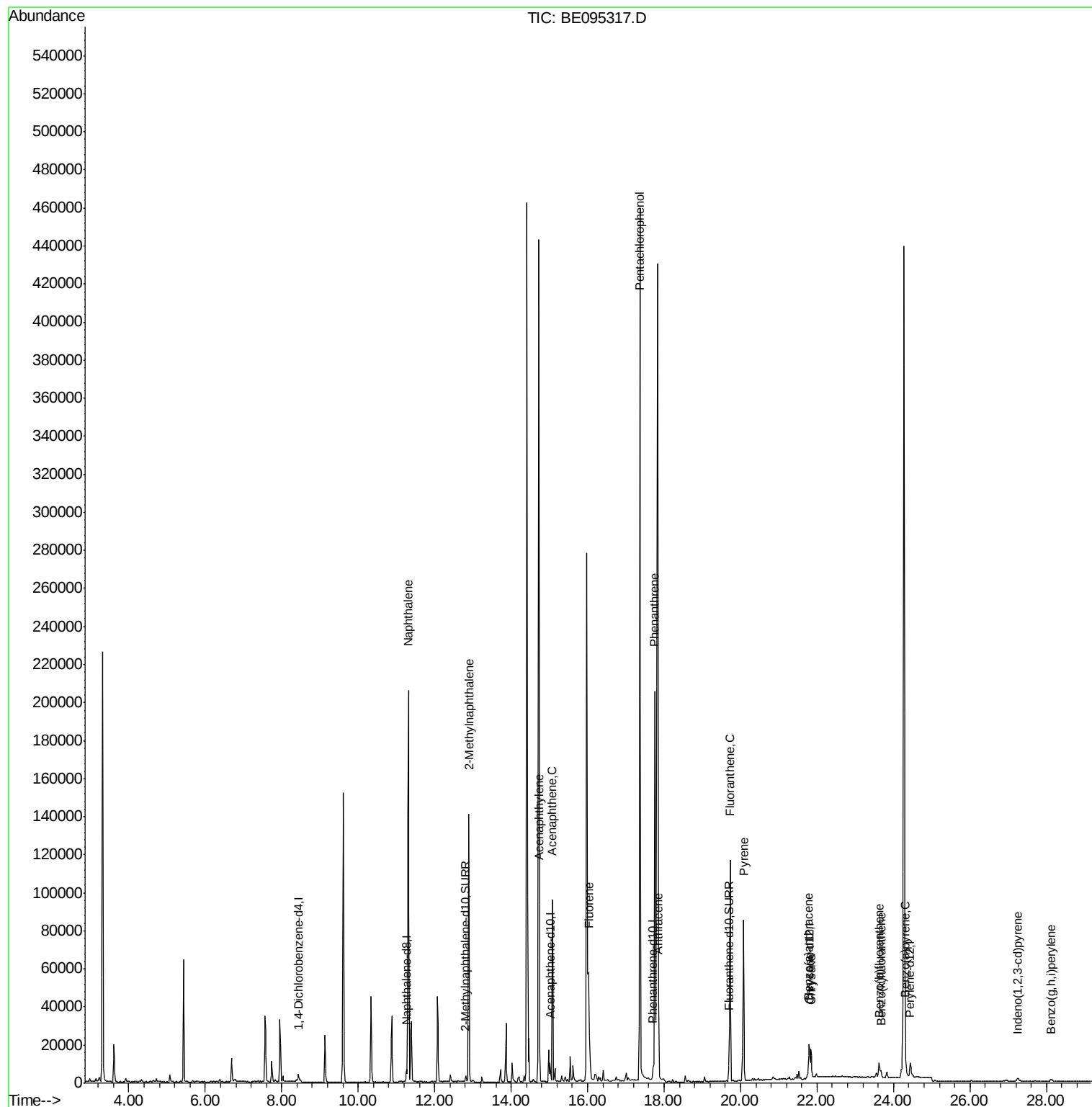
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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ALS Vial : 41 Sample Multiplier: 1

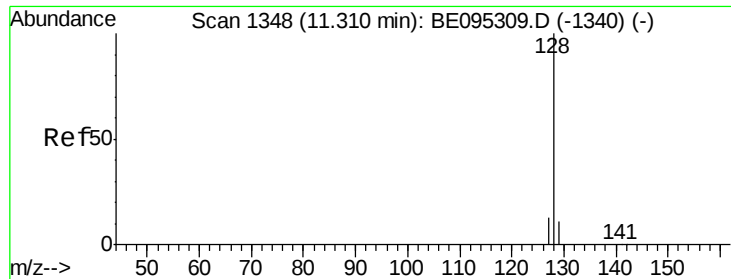
Instrument :
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#3

Naphthalene

Concen: 11.831 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

ClientSampleId :

F6B26

Tot Ion:128 Resp: 282356

Ion Ratio Lower Upper

128 100

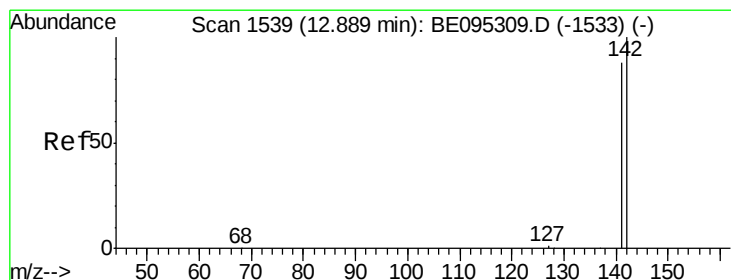
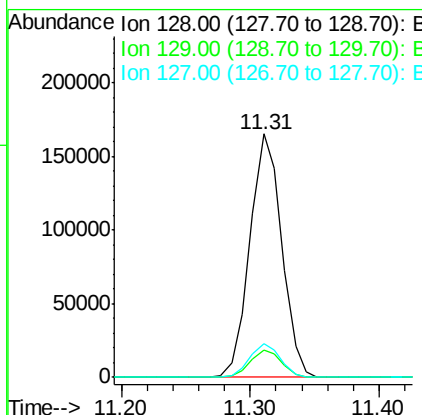
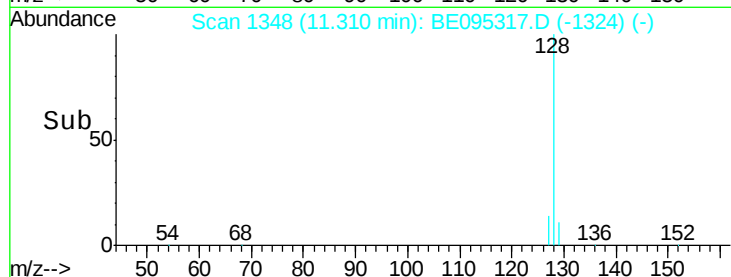
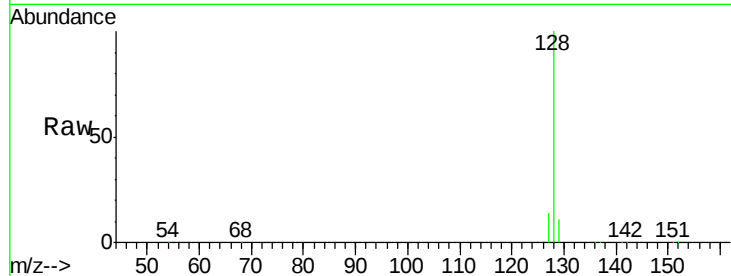
129 11.0 11.3 16.9#

127 13.6 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 7.315 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095317.D

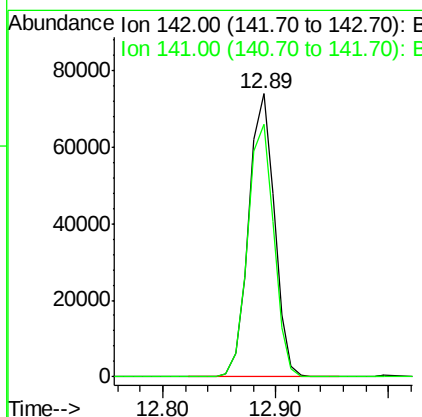
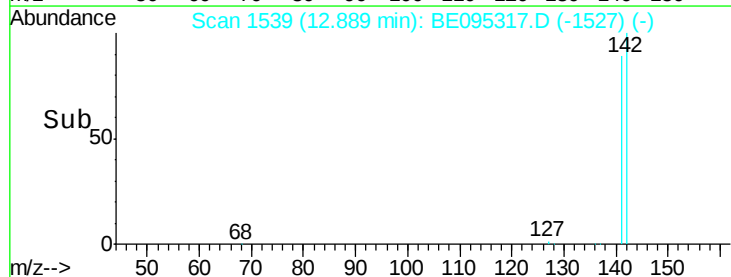
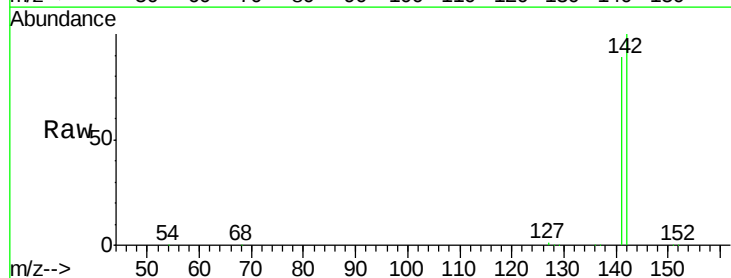
Acq: 31 Jan 2018 14:59

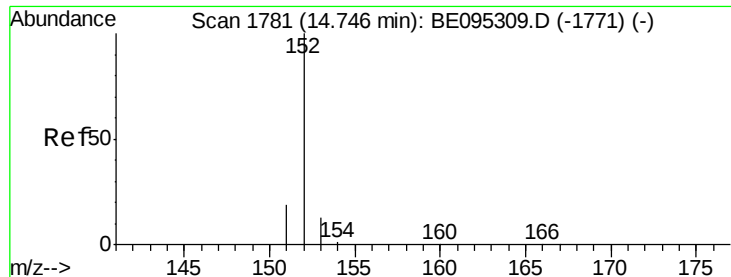
Tgt Ion:142 Resp: 116580

Ion Ratio Lower Upper

142 100

141 90.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

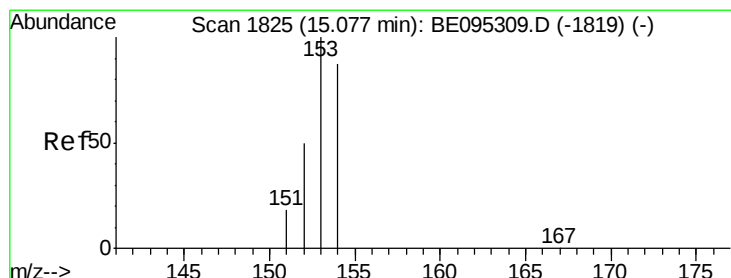
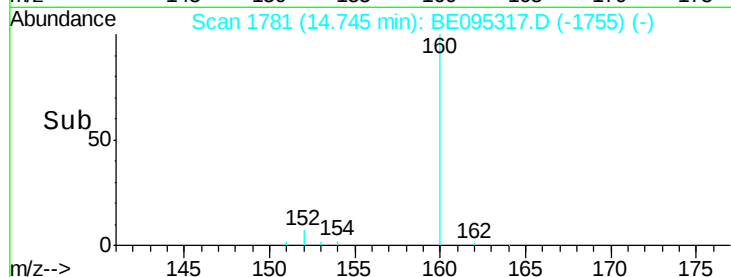
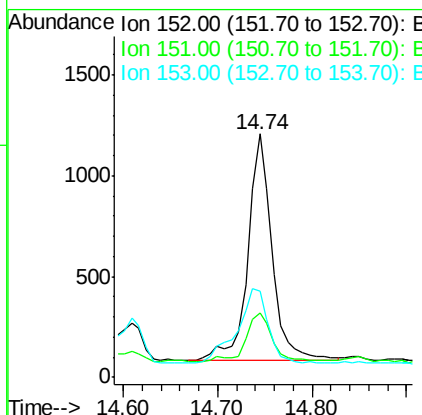
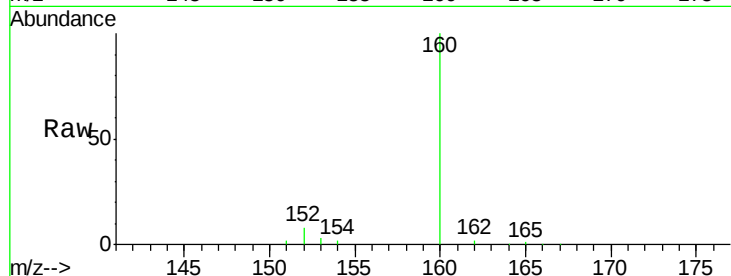
ClientSampleId :

F6B26

Tot Ion:	152	Resp:	2016
Ion Ratio	Lower	Upper	
152	100		
151	26.6	17.1	25.7#
153	35.4	12.8	19.2#

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#8

Acenaphthene

Concen: 2.612 ng/ul

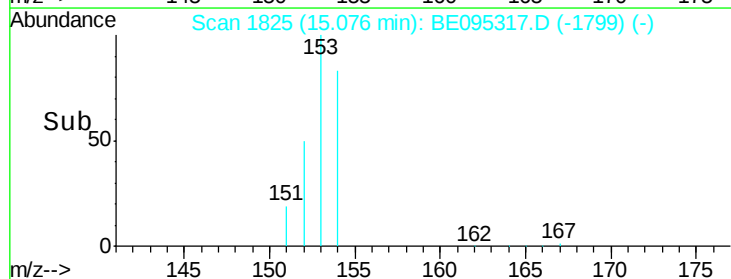
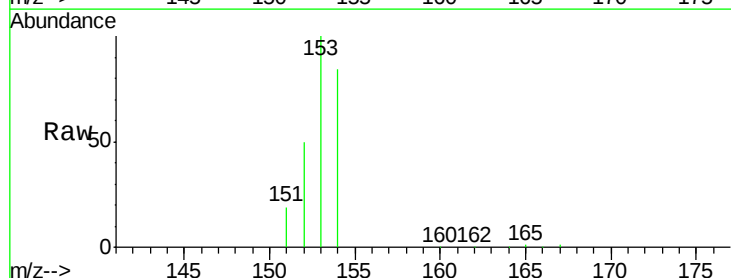
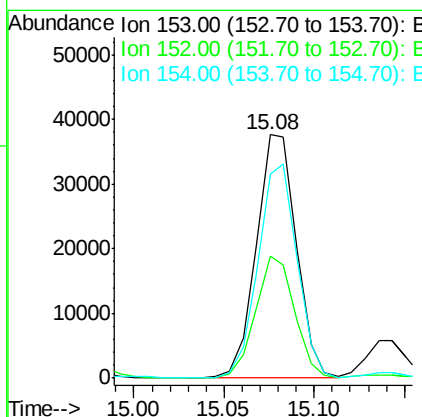
RT: 15.08 min Scan# 1825

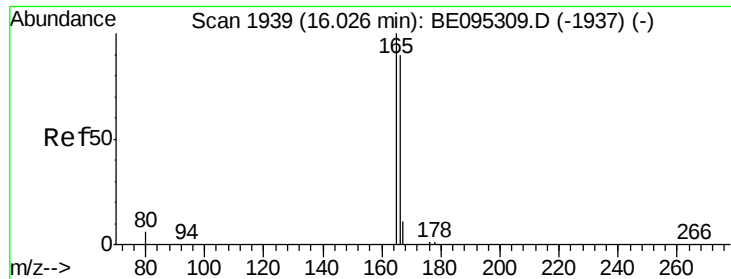
Delta R.T. -0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Tgt Ion:	153	Resp:	57873
Ion Ratio	Lower	Upper	
153	100		
152	50.3	36.0	54.0
154	83.6	72.0	108.0





#9

Fluorene

Concen: 2.210 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

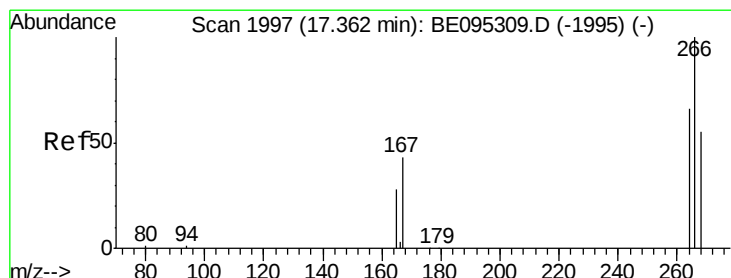
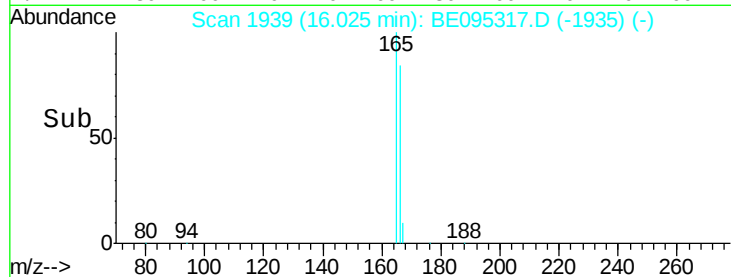
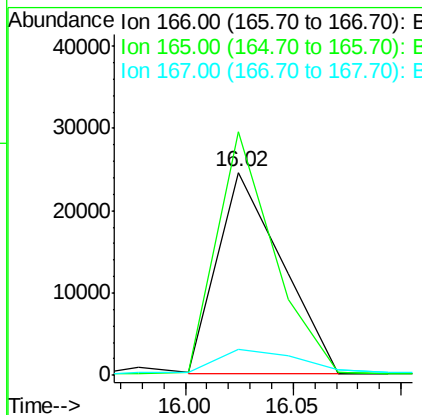
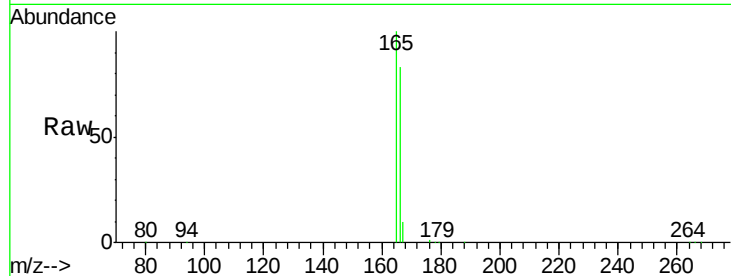
ClientSampleId :

F6B26

Tot Ion	Ratio	Lower	Upper
166	100		
165	120.0	73.4	110.2#
167	12.5	14.6	22.0#

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#11

Pentachlorophenol

Concen: 123.934 ng/ul

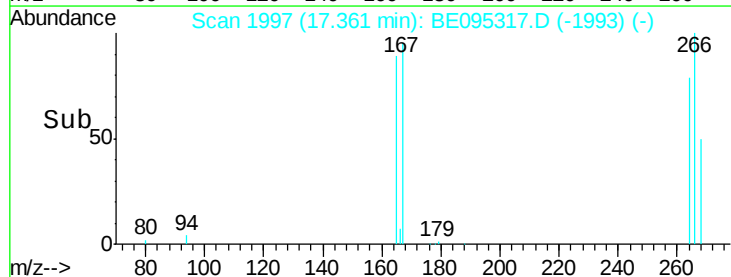
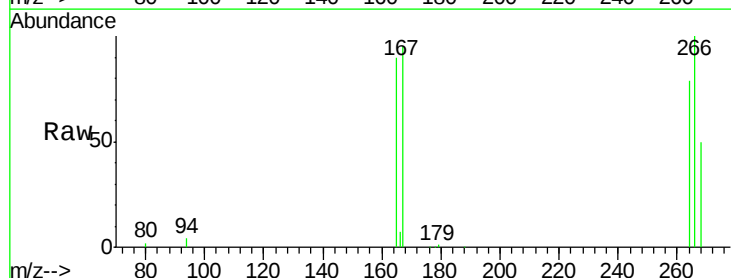
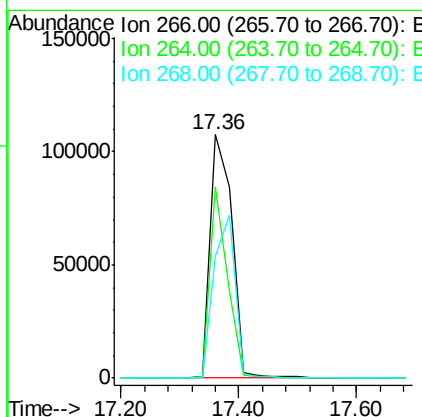
RT: 17.36 min Scan# 1997

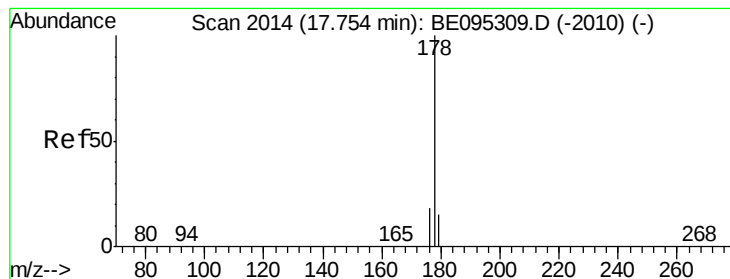
Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.0	47.9	71.9
268	0.0	49.8	74.8#





#12

Phenanthrene

Concen: 6.288 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

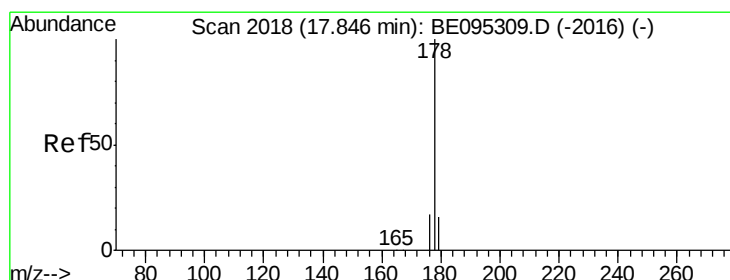
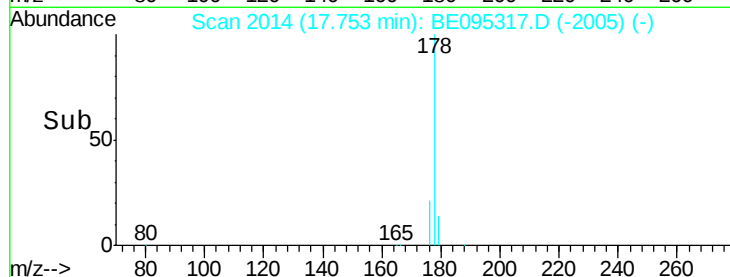
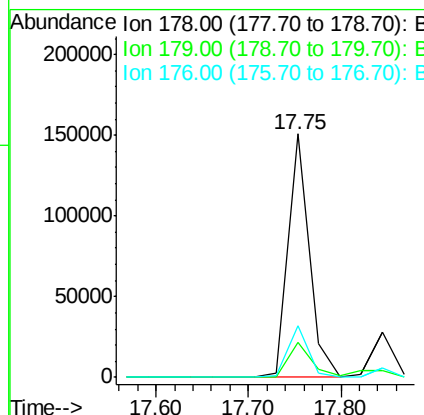
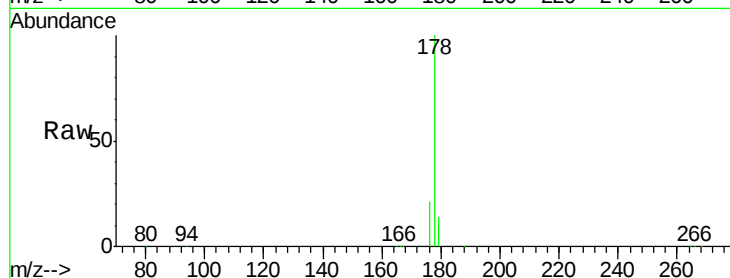
ClientSampleId :

F6B26

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.1	18.4	27.6#
176	21.4	13.6	20.4#

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#13

Anthracene

Concen: 1.194 ng/ul

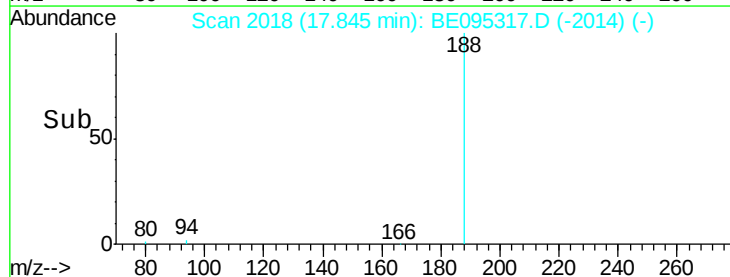
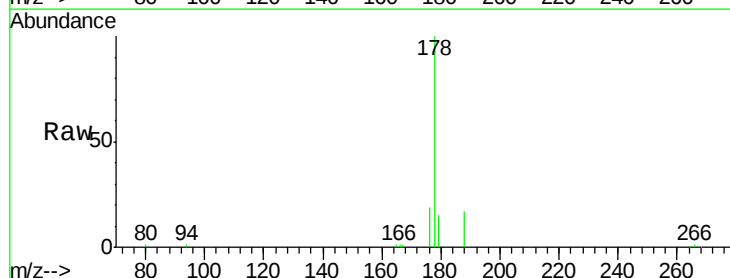
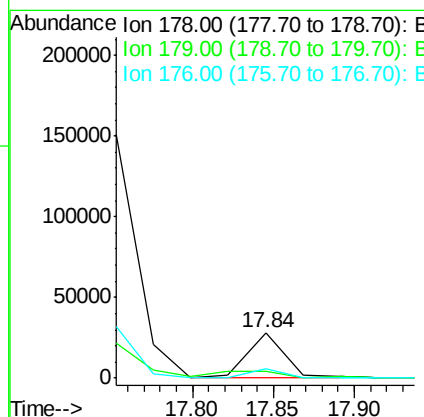
RT: 17.84 min Scan# 2018

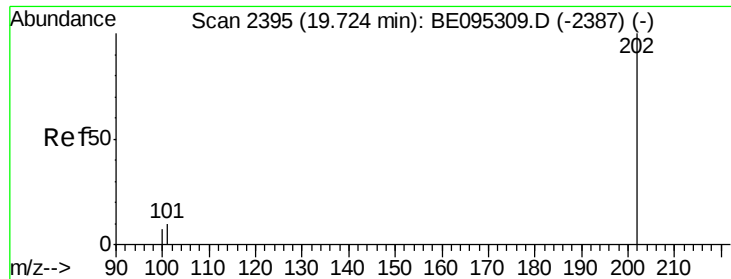
Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.1	27.1#
176	19.4	14.7	22.1





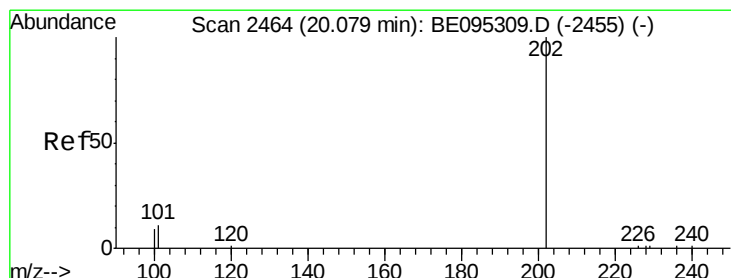
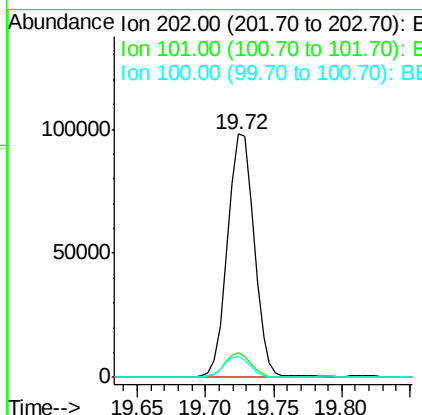
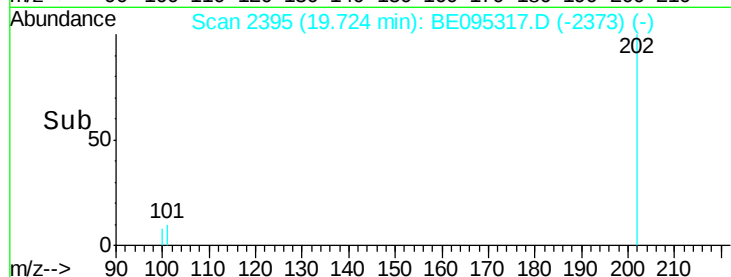
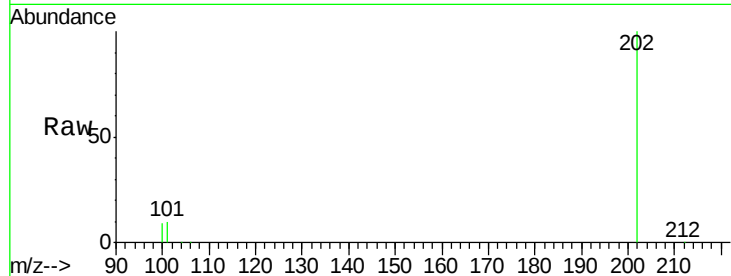
#15
Fluoranthene
Concen: 2.645 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BE095317.D
Acq: 31 Jan 2018 14:59

Instrument :
BNA_E
ClientSampled :
F6B26

Tot Ion	Ratio	Resp	Lower	Upper
202	100	131601		
101	10.2	0.0	30.3	
100	8.5	0.0	39.5	

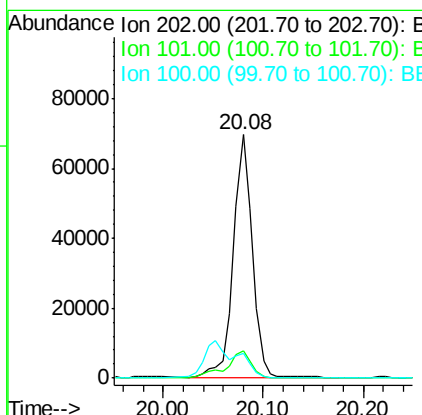
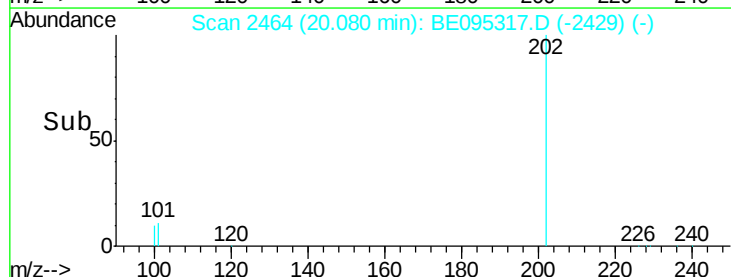
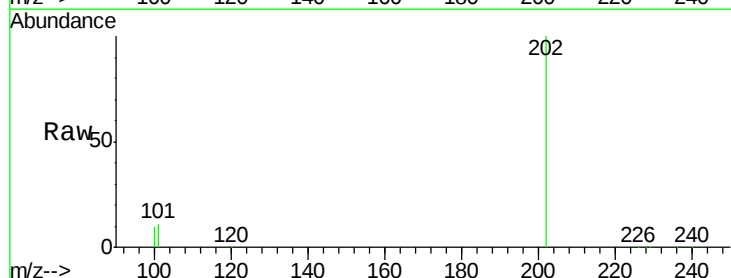
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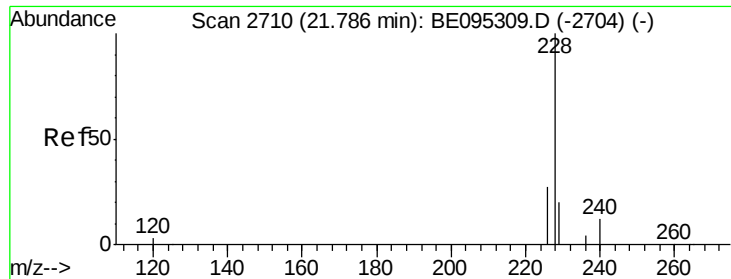
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#17
Pyrene
Concen: 2.370 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095317.D
Acq: 31 Jan 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	90462		
101	11.4	18.2	27.4#	
100	10.2	15.6	23.4#	





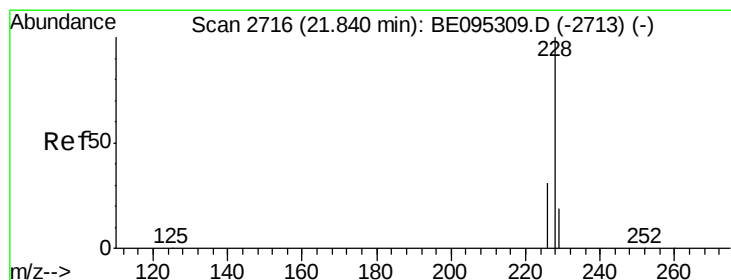
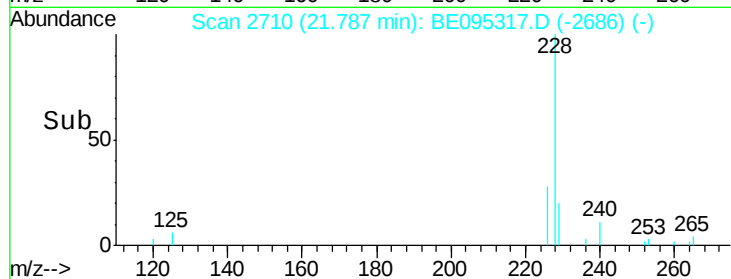
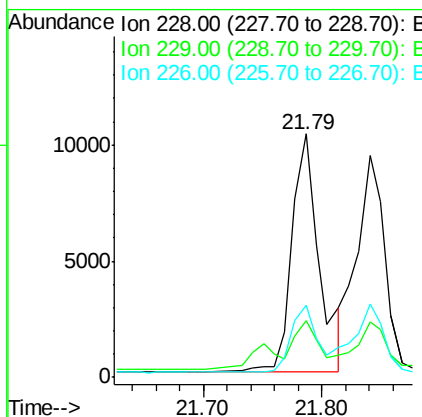
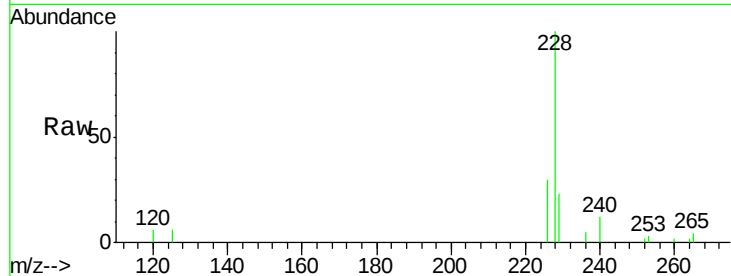
#18
Benzo(a)anthracene
Concen: 0.540 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095317.D
Acq: 31 Jan 2018 14:59

Instrument :
BNA_E
ClientSampleId :
F6B26

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.3	22.8	34.2
226	29.6	17.0	25.6

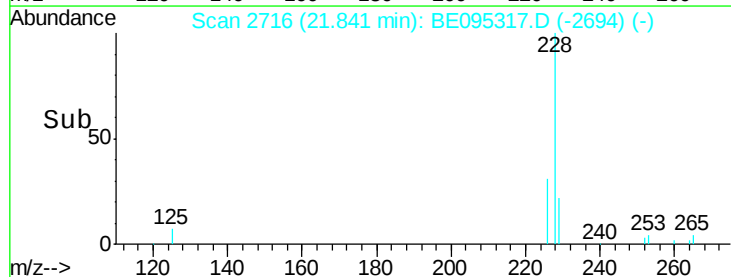
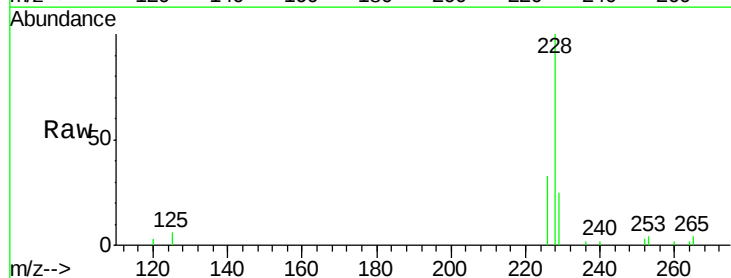
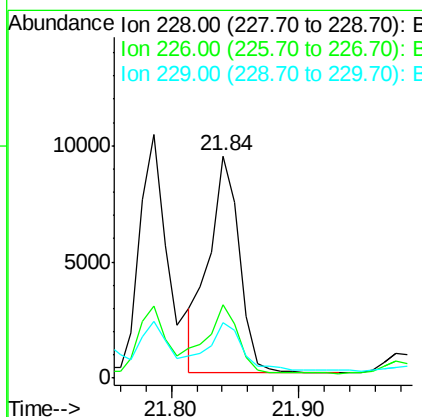
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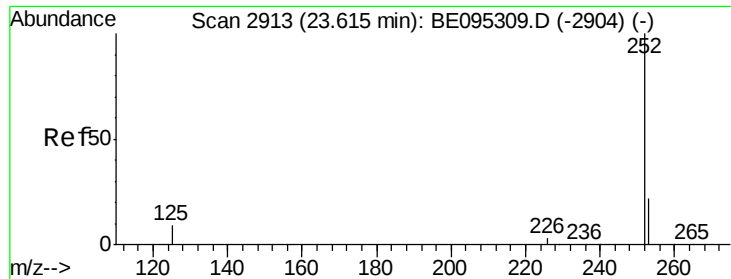
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#19
Chrysene
Concen: 0.420 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095317.D
Acq: 31 Jan 2018 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.0
229	24.7	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.366 ng/ul m

RT: 23.63 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

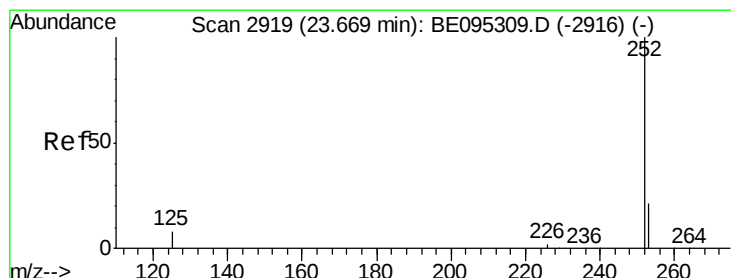
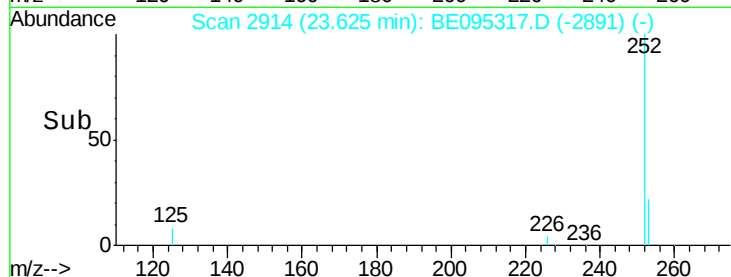
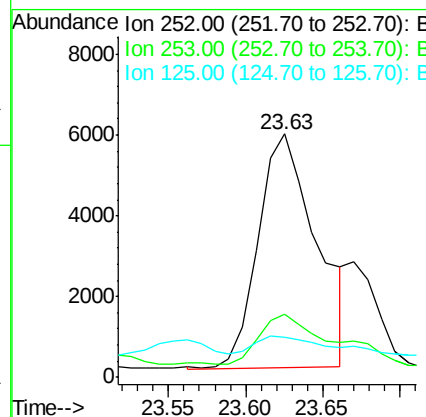
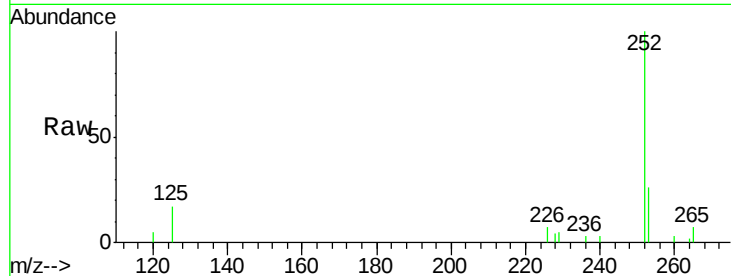
ClientSampleId :

F6B26

Tot Ion:	252	Resp:	15250
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	64.2
125	16.6	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.097 ng/ul m

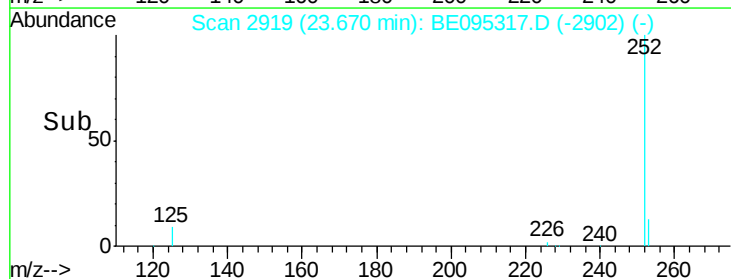
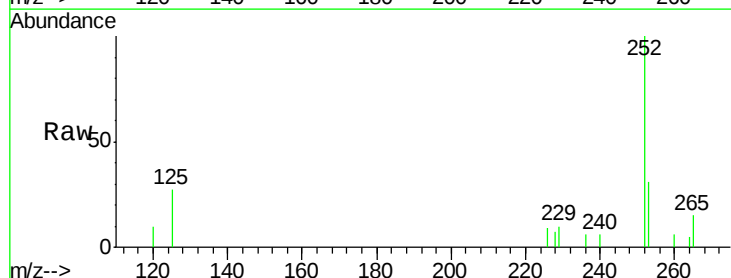
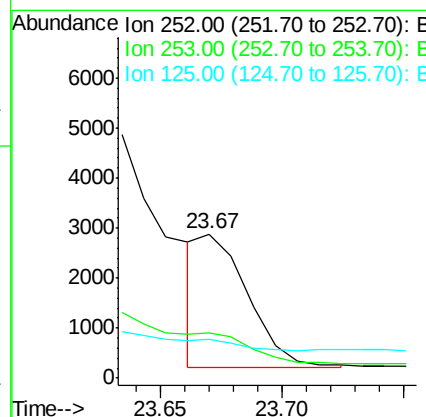
RT: 23.67 min Scan# 2919

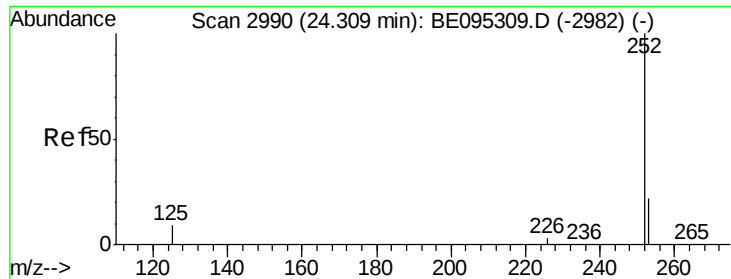
Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Tgt Ion:	252	Resp:	3681
Ion Ratio	Lower	Upper	
252	100		
253	31.5	24.5	36.7
125	27.0	13.7	20.5#





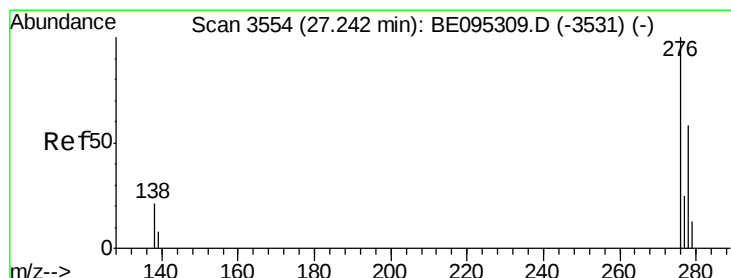
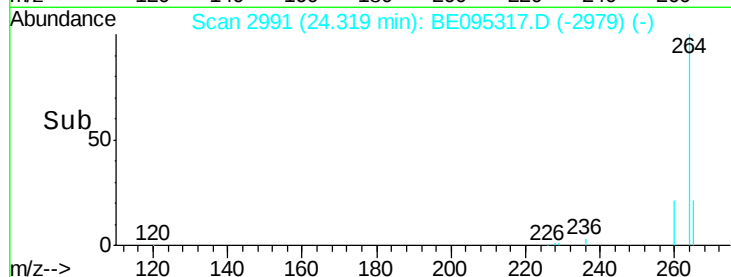
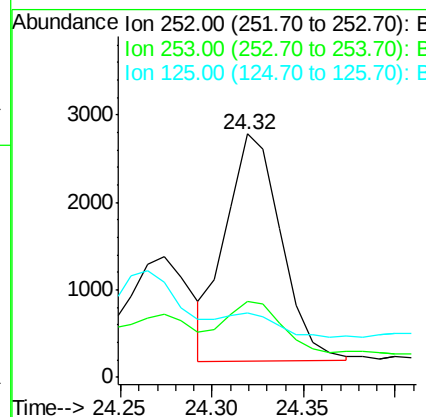
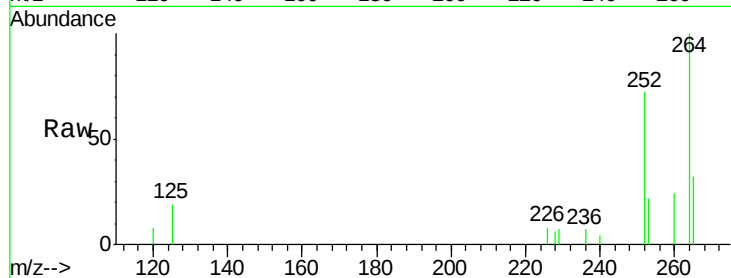
#23
Benzo(a)pyrene
Concen: 0.149 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. 0.01 min
Lab File: BE095317.D
Acq: 31 Jan 2018 14:59

Instrument :
BNA_E
ClientSampleId :
F6B26

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.1	28.5	42.7
125	26.4	18.1	27.1

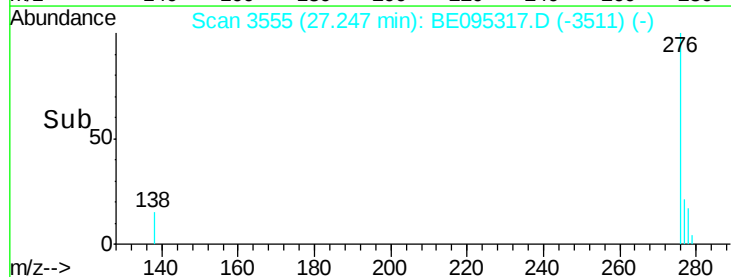
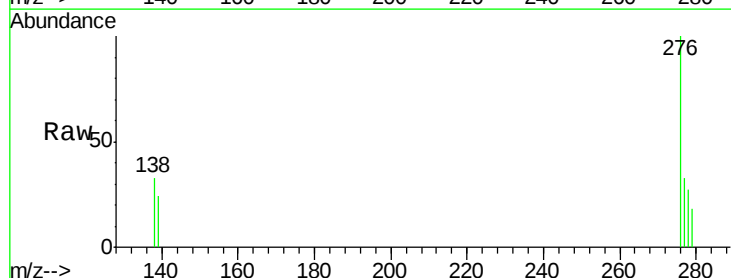
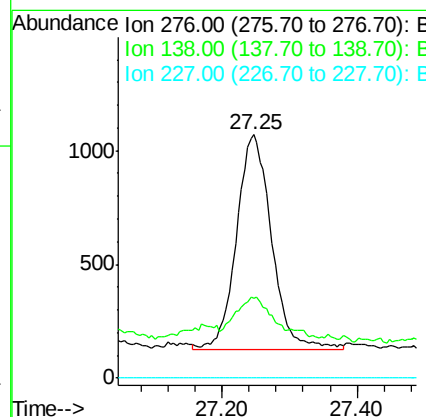
Manual Integrations
APPROVED

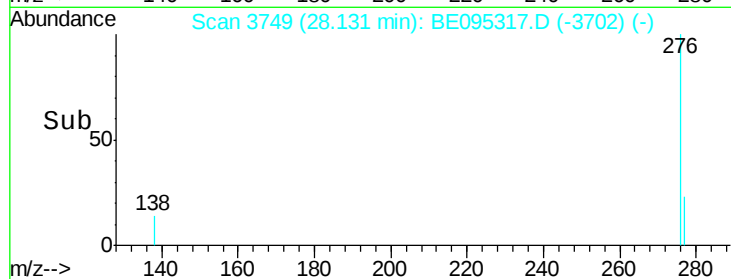
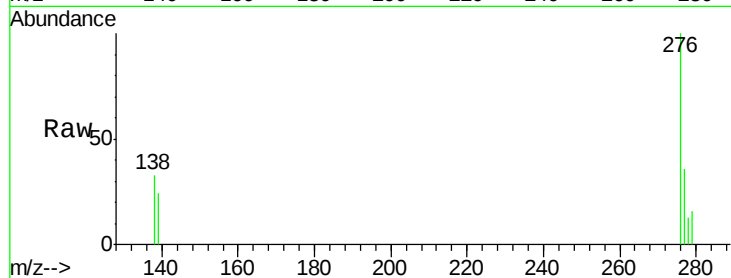
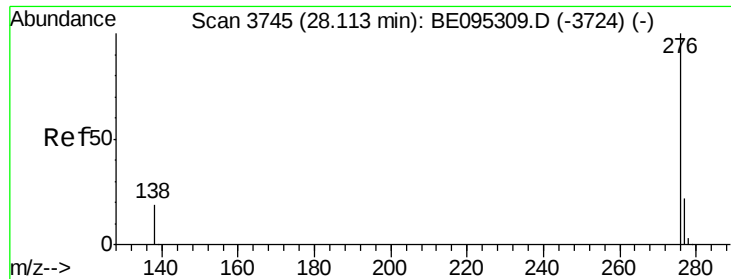
Sohil
1/31/2018 8:29:17 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul m
RT: 27.25 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BE095317.D
Acq: 31 Jan 2018 14:59

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





#26
Benzo(a,h,i)perylene
Concen: 0.102 ng/ul m
RT: 28.13 min Scan# 3749
Delta R.T. 0.01 min
Lab File: BE095317.D
Acq: 31 Jan 2018 14:59

Instrument :
BNA_E
ClientSampleId :
F6B26

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.8#
277	35.6	20.5	30.7#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:29:17 PM

