

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095153.D
 Acq On : 27 Jan 2018 6:16
 Operator : SJ/JU
 Sample : J1174-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:13 PM

Quant Time: Jan 29 16:41:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3856	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	12249	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	8474	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	15252	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	16646	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	14789m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4190	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11134	0.19	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	63239	2.761	ng/ul	99
7) Acenaphthylene	14.75	152	4904	0.120	ng/ul#	26
8) Acenaphthene	15.08	153	110339	3.488	ng/ul	97
9) Fluorene	16.03	166	103743	3.180	ng/ul#	71
11) Pentachlorophenol	17.36	266	1239m	0.419	ng/ul	
12) Phenanthrene	17.75	178	584733	11.399	ng/ul#	85
13) Anthracene	17.85	178	97107	2.068	ng/ul#	91
15) Fluoranthene	19.73	202	525612	7.914	ng/ul	83
17) Pyrene	20.08	202	398267	7.130	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	78933	1.517	ng/ul#	87
19) Chrysene	21.84	228	74602	1.380	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	57155m	1.095	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	16844m	0.353	ng/ul	
23) Benzo(a)pyrene	24.33	252	30276m	0.650	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	13029m	0.255	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	3347m	0.080	ng/ul	
26) Benzo(a,h,i)perylene	28.13	276	12212m	0.282	ng/ul	

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

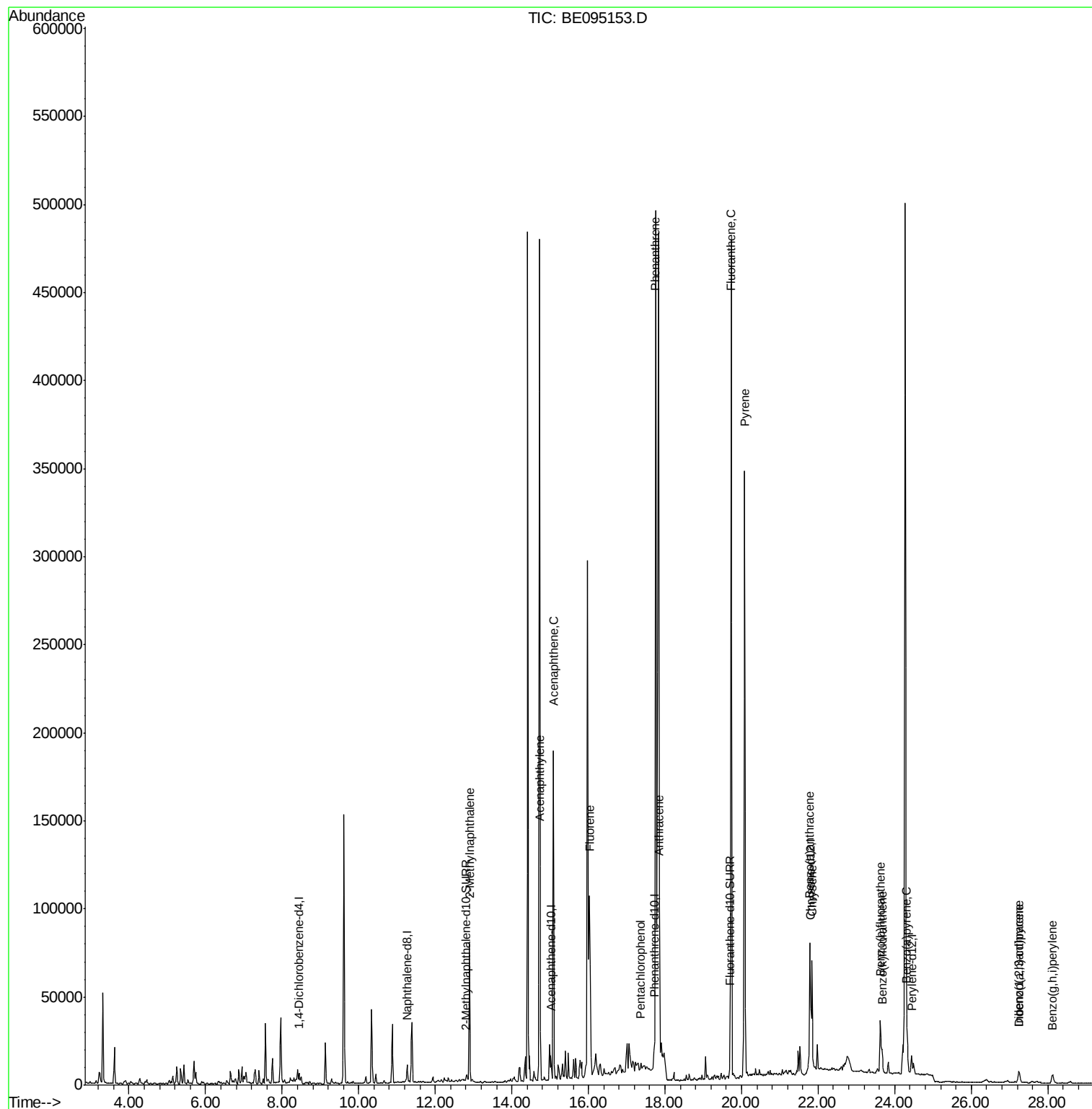
Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
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ALS Vial : 28 Sample Multiplier: 1

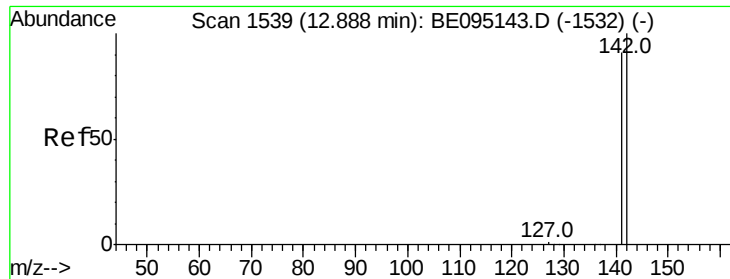
Instrument :
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#5

2-Methylnaphthalene

Concen: 2.761 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

ClientSampleId :

F6A51

Tot Ion:142 Resp: 63239

Ion Ratio Lower Upper

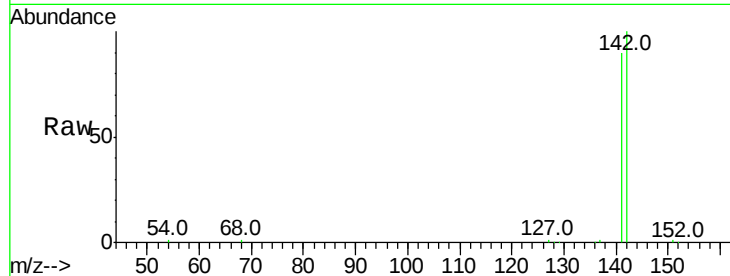
142 100

141 89.9 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

40000

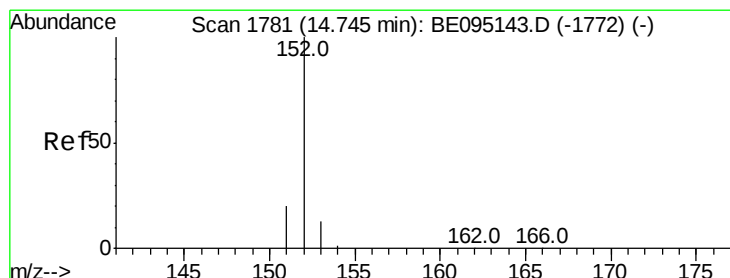
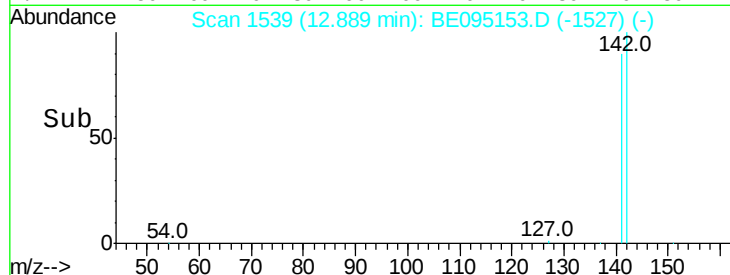
30000

20000

10000

0

Time-->



#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

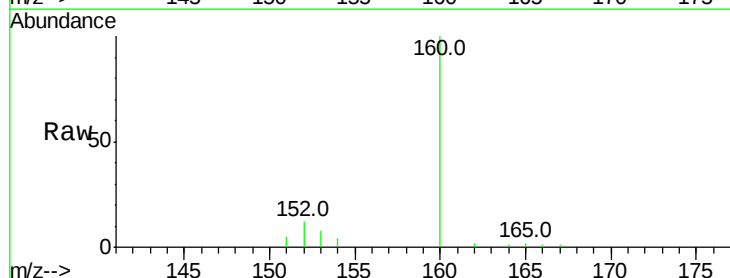
Tgt Ion:152 Resp: 4904

Ion Ratio Lower Upper

152 100

151 43.9 17.1 25.7#

153 62.8 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.75

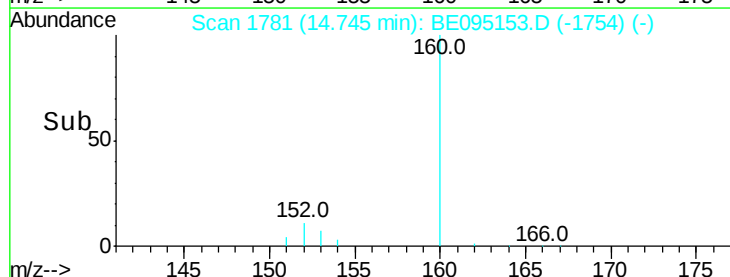
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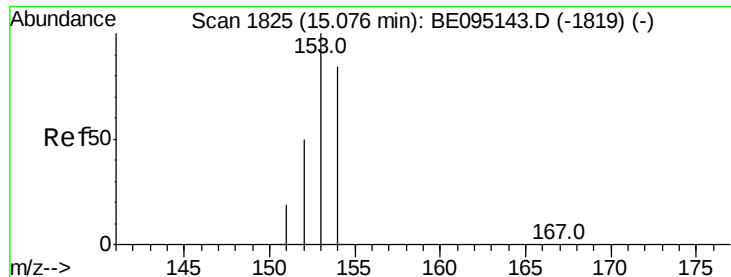
2000

1000

0

Time-->





#8

Acenaphthene

Concen: 3.488 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

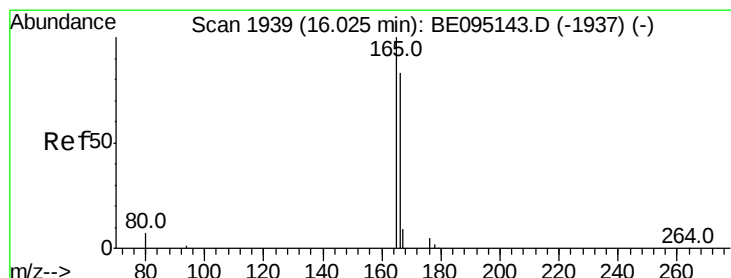
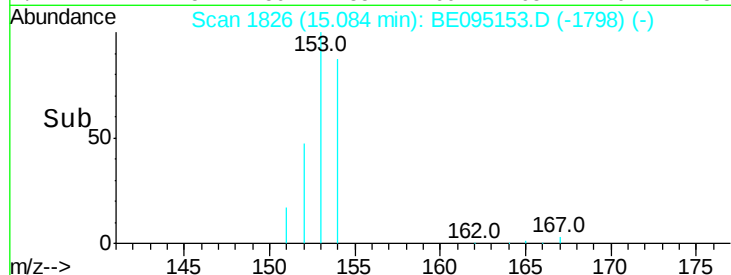
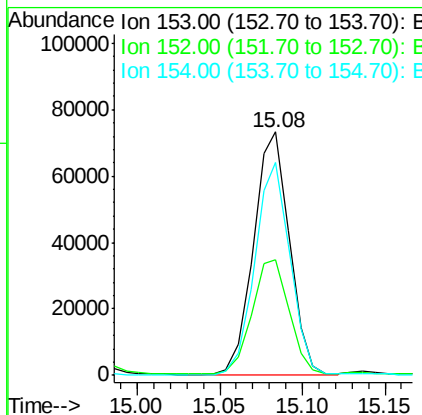
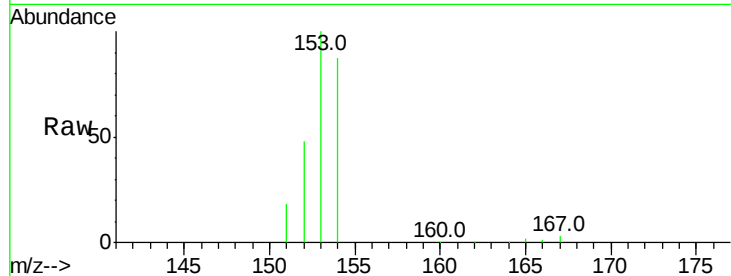
ClientSampled :

F6A51

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.0	54.0
154	87.2	72.0	108.0

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#9

Fluorene

Concen: 3.180 ng/ul

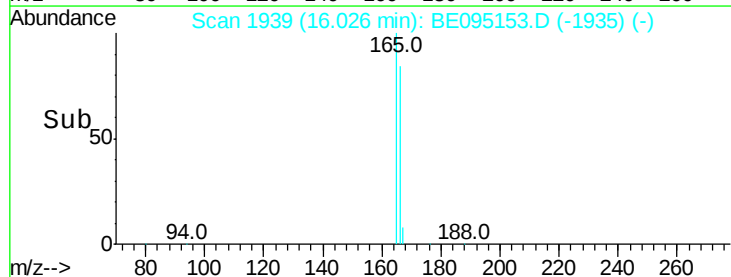
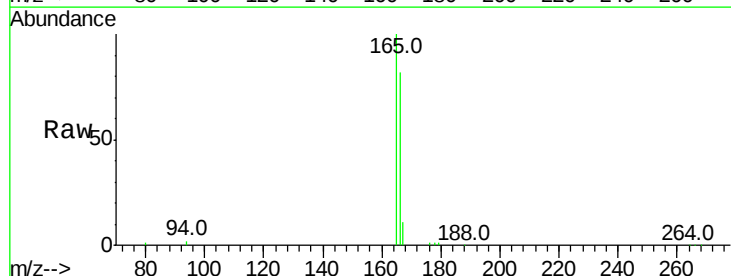
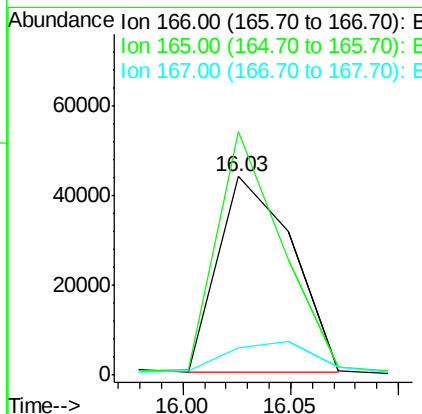
RT: 16.03 min Scan# 1939

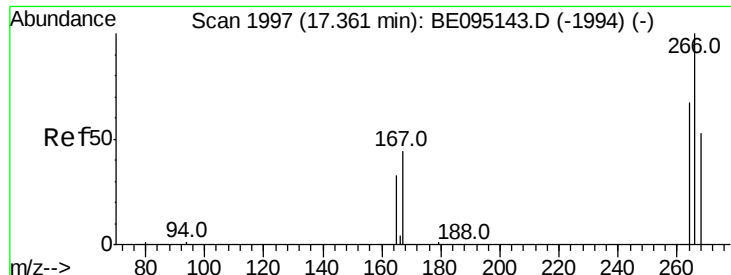
Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	122.7	73.4	110.2#
167	13.7	14.6	22.0#





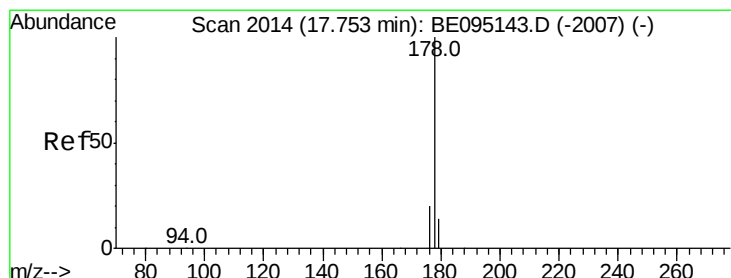
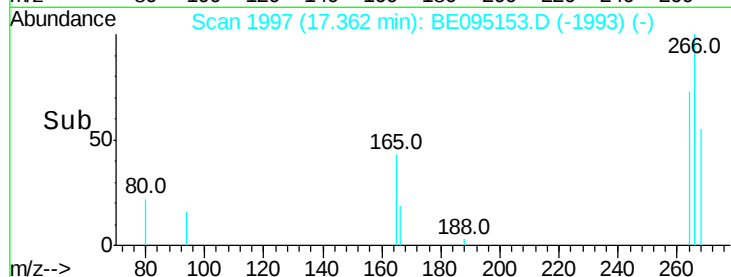
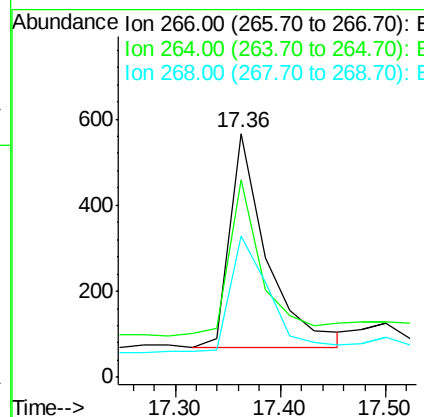
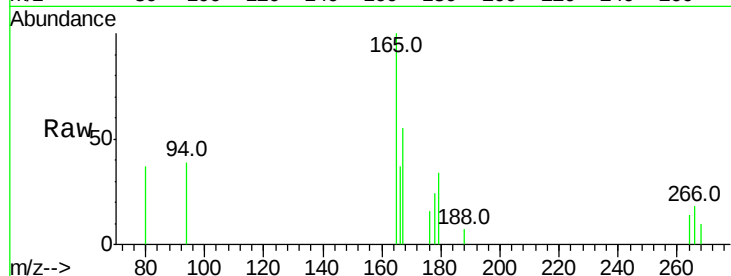
#11
 Pentachlorophenol
 Concen: 0.419 ng/ul m
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095153.D
 Acq: 27 Jan 2018 6:16

Instrument :
 BNA_E
 ClientSampleId :
 F6A51

Tot Ion	Ratio	Resp	Lower	Upper
266	100	1239		
264	53.7		47.9	71.9
268	54.2		49.8	74.8

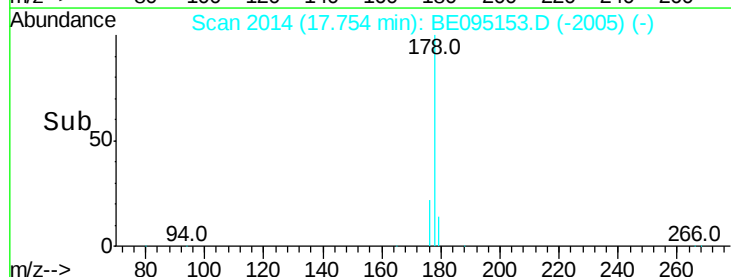
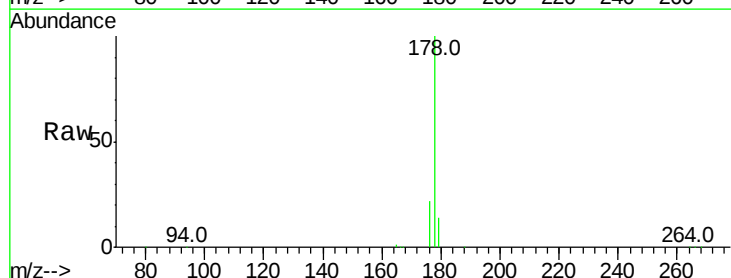
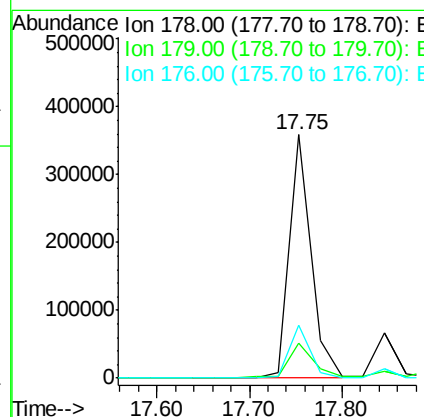
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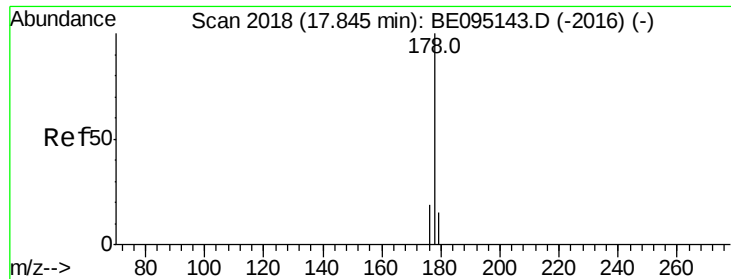
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#12
 Phenanthrene
 Concen: 11.399 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095153.D
 Acq: 27 Jan 2018 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	584733		
179	14.2		18.4	27.6#
176	21.7		13.6	20.4#





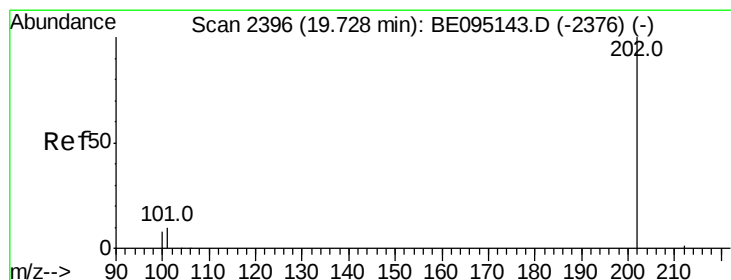
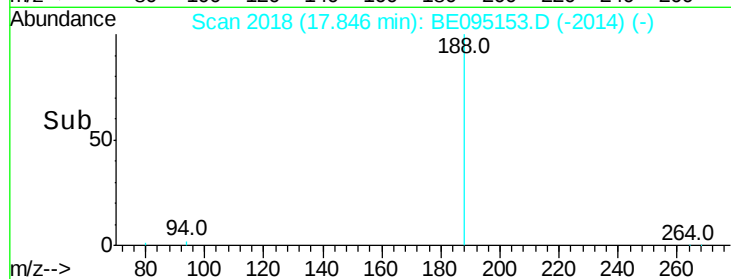
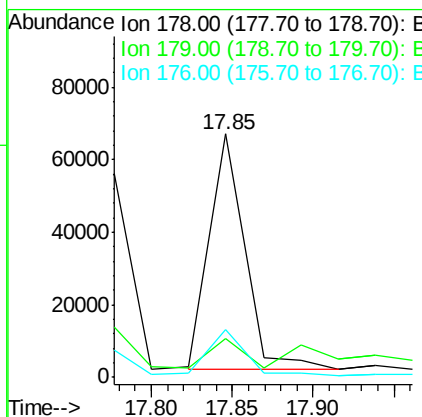
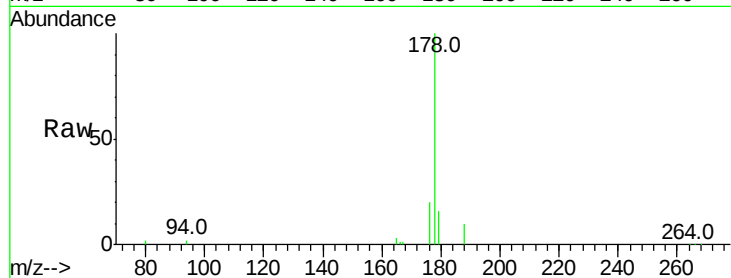
#13
 Anthracene
 Concen: 2.068 ng/ul
 RT: 17.85 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BE095153.D
 Acq: 27 Jan 2018 6:16

Instrument :
 BNA_E
 ClientSampleId :
 F6A51

Tot Ion:178 Resp: 97107
 Ion Ratio Lower Upper
 178 100
 179 16.0 18.1 27.1#
 176 19.6 14.7 22.1

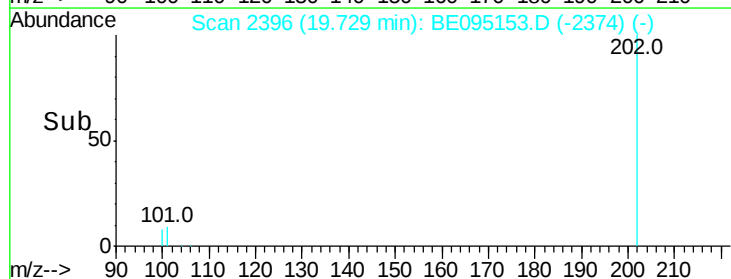
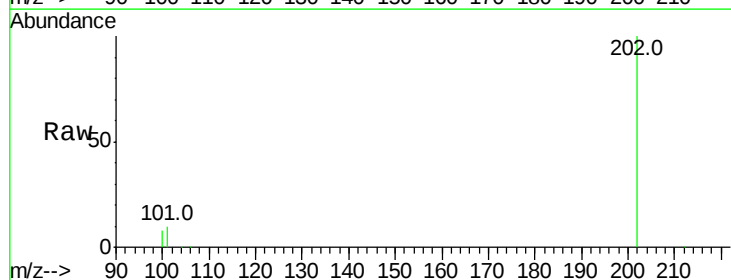
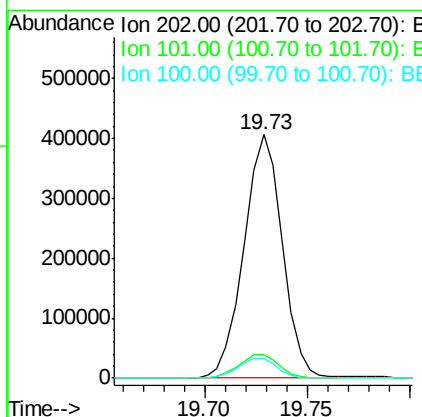
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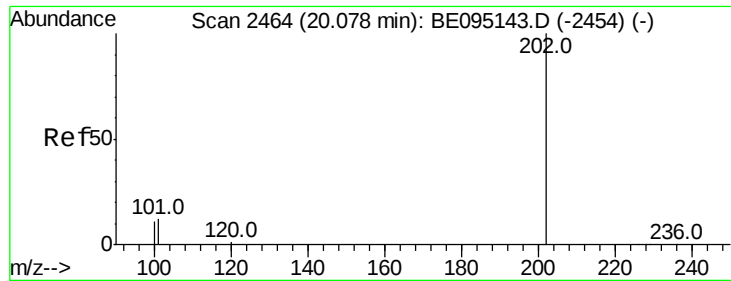
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#15
 Fluoranthene
 Concen: 7.914 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BE095153.D
 Acq: 27 Jan 2018 6:16

Tgt Ion:202 Resp: 525612
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 30.3
 100 7.9 0.0 39.5





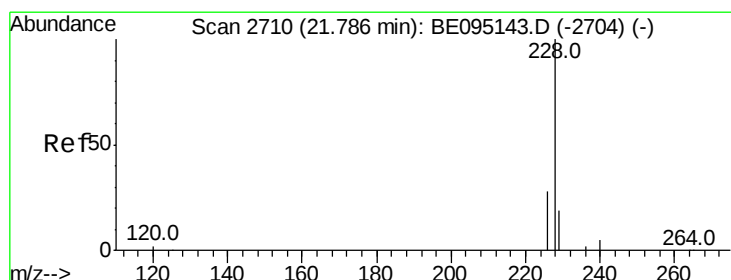
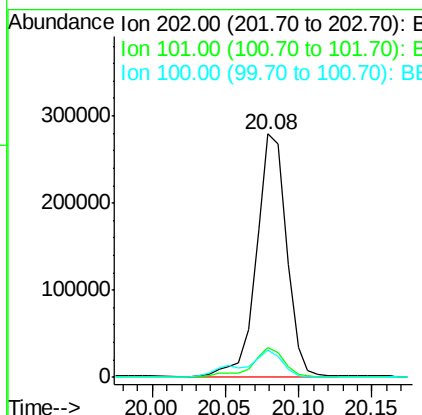
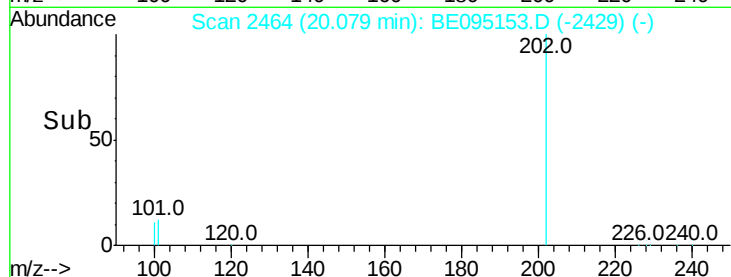
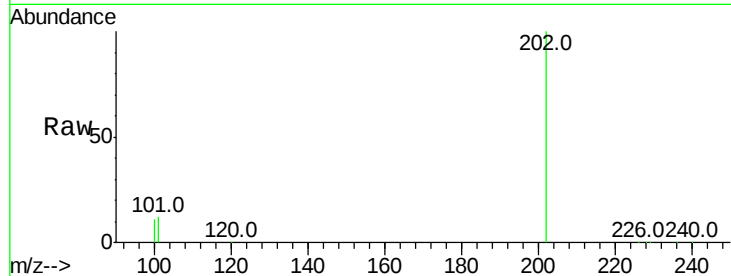
#17
Pvrene
Concen: 7.130 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095153.D
Acq: 27 Jan 2018 6:16

Instrument :
BNA_E
ClientSampleId :
F6A51

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	18.2	27.4#
100	11.2	15.6	23.4#

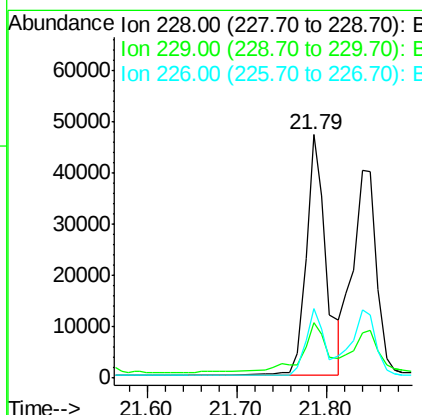
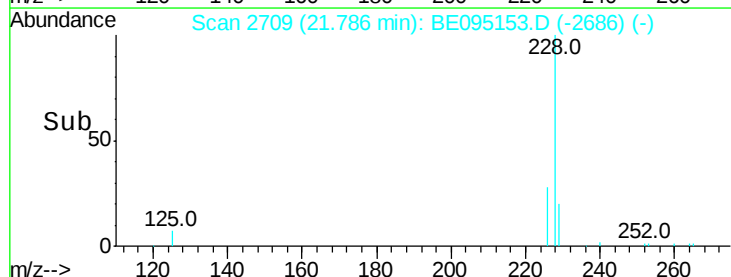
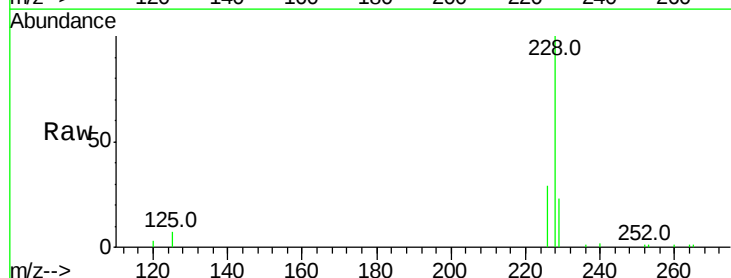
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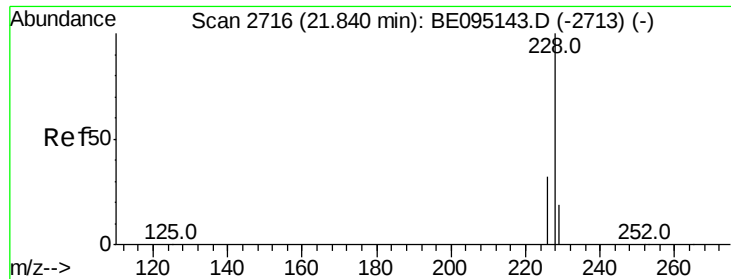
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#18
Benzo(a)anthracene
Concen: 1.517 ng/ul
RT: 21.79 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095153.D
Acq: 27 Jan 2018 6:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.6	22.8	34.2#
226	28.6	17.0	25.6#





#19

Chrysene

Concen: 1.380 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

ClientSampleId :

F6A51

Tot Ion:228 Resp: 74602

Ion Ratio Lower Upper

228 100

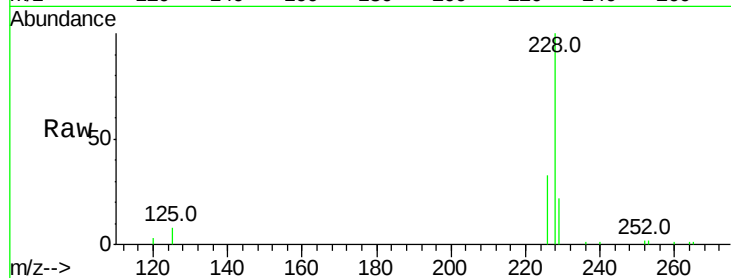
226 32.6 23.4 35.0

229 21.8 17.7 26.5

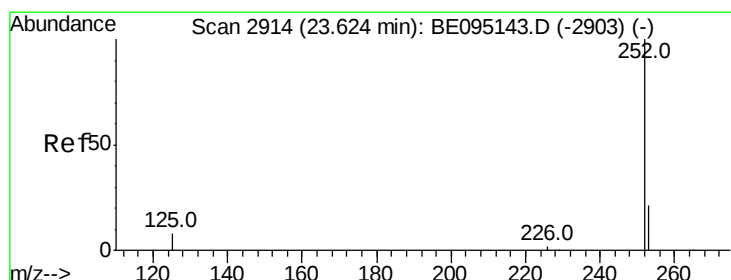
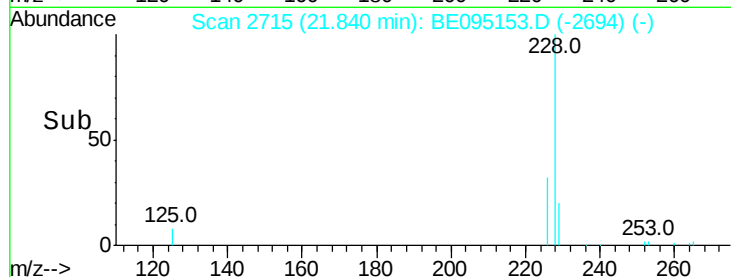
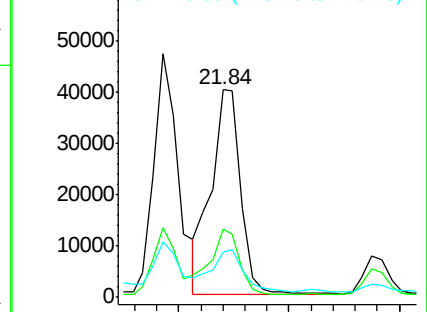
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 1.095 ng/ul m

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

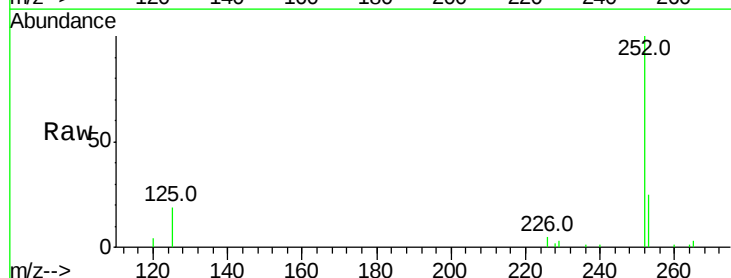
Tgt Ion:252 Resp: 57155

Ion Ratio Lower Upper

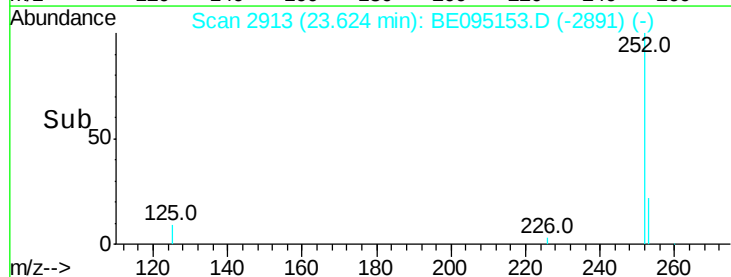
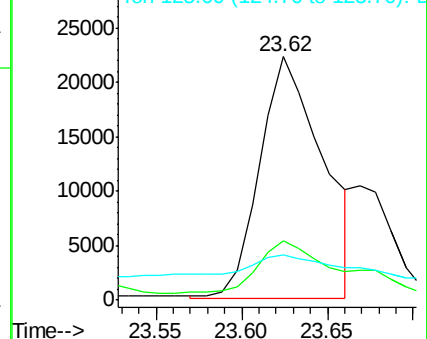
252 100

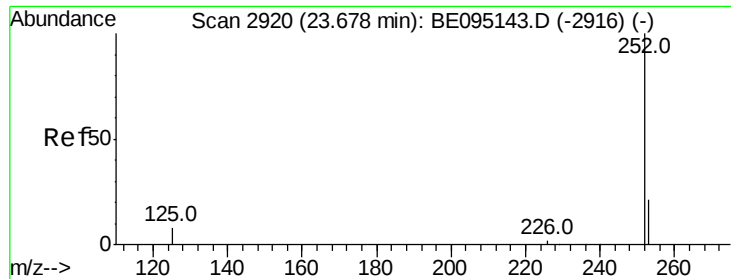
253 24.6 0.0 64.2

125 18.6 0.0 35.0



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





#22

Benzo(k)fluoranthene

Concen: 0.353 ng/ul m

RT: 23.67 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BE095153.D

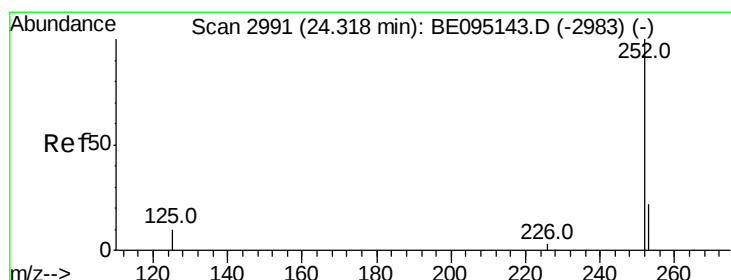
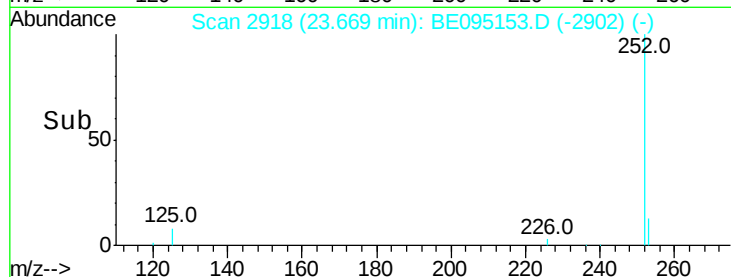
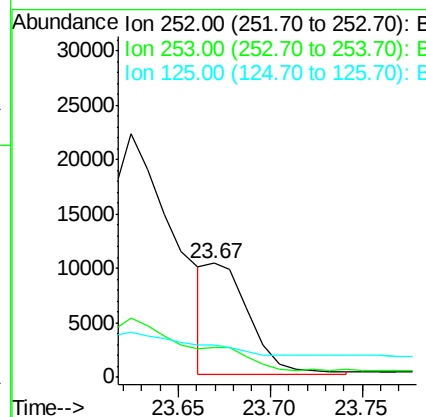
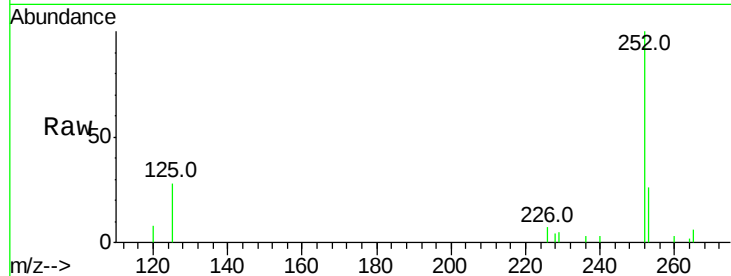
Acq: 27 Jan 2018 6:16

Instrument :
BNA_E
ClientSampled :
F6A51

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	24.5	36.7
125	28.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.650 ng/ul m

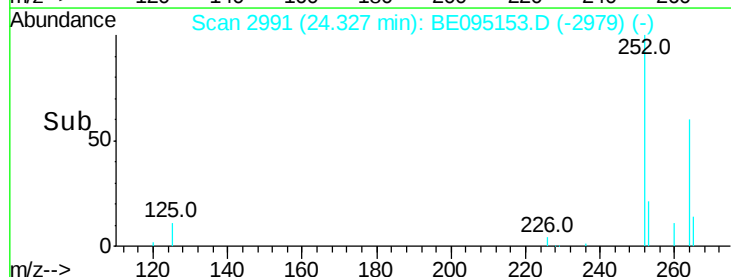
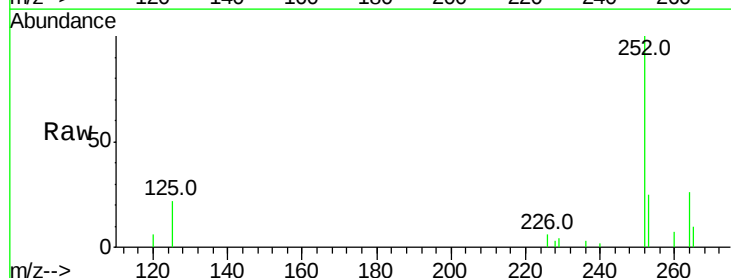
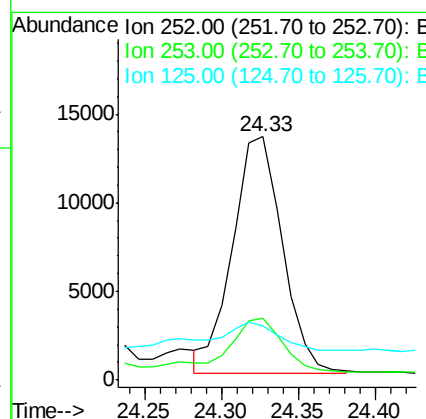
RT: 24.33 min Scan# 2991

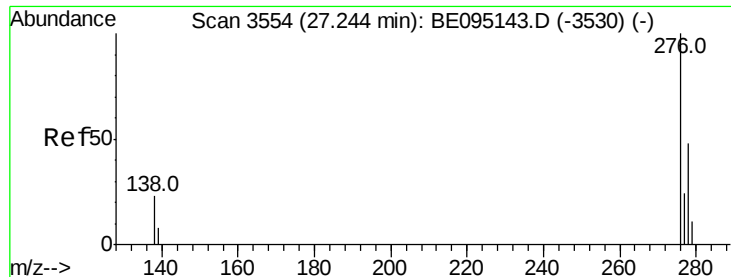
Delta R.T. 0.01 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	28.5	42.7
125	22.3	18.1	27.1





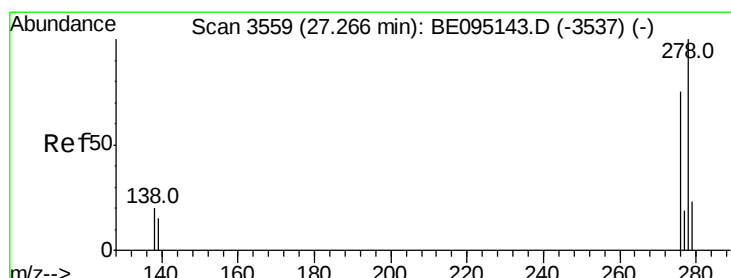
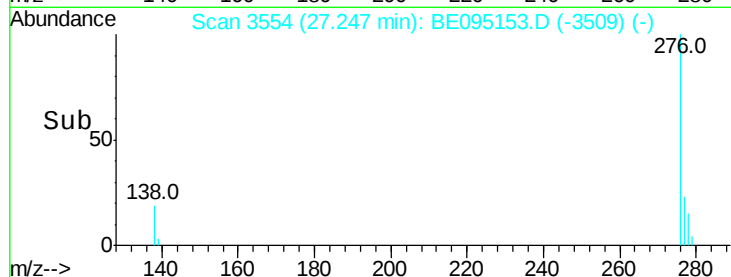
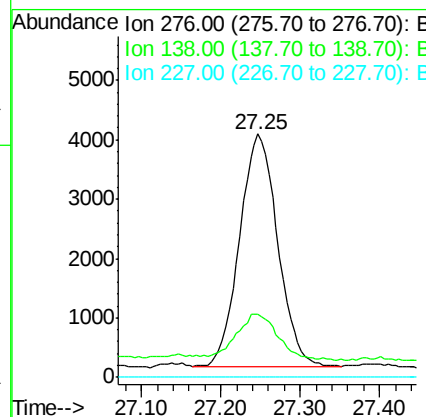
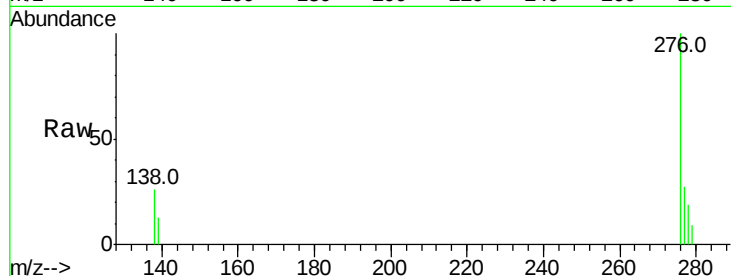
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul m
RT: 27.25 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BE095153.D
Acq: 27 Jan 2018 6:16

Instrument :
BNA_E
ClientSampled :
F6A51

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	0.2	28.0	42.0#	
227	0.0	8.0	12.0#	

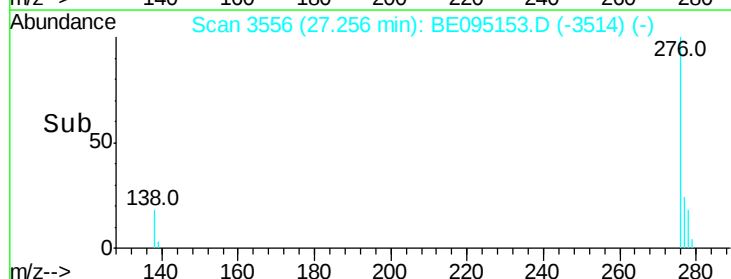
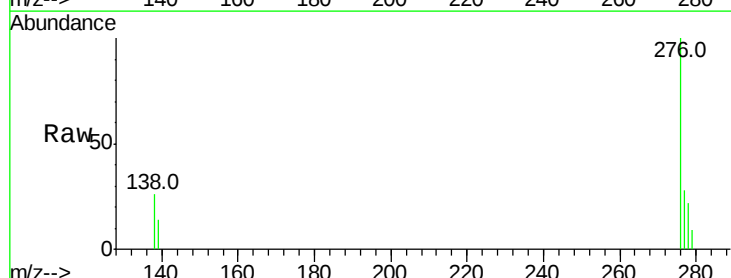
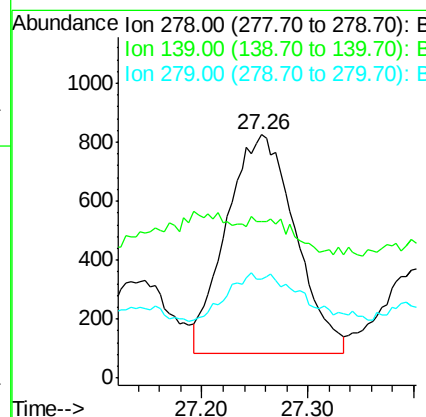
Manual Integrations
APPROVED

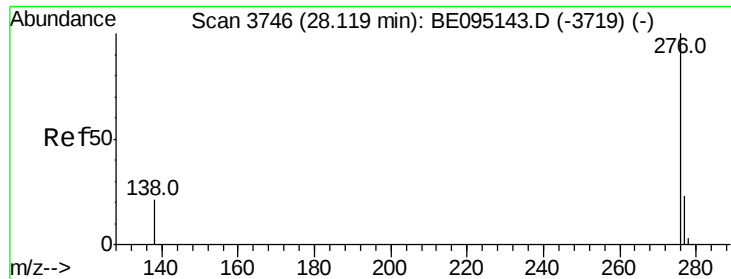
Sohil
1/29/2018 6:34:13 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul m
RT: 27.26 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE095153.D
Acq: 27 Jan 2018 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	64.0	17.4	26.0#	
279	40.7	25.9	38.9#	





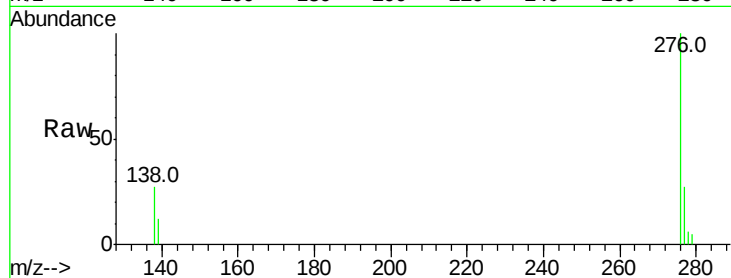
#26
 Benzo(a,h,i)perylene
 Concen: 0.282 ng/ul m
 RT: 28.13 min Scan# 3747
 Delta R.T. 0.01 min
 Lab File: BE095153.D
 Acq: 27 Jan 2018 6:16

Instrument :
 BNA_E
 ClientSampleId :
 F6A51

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.8
277	27.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:13 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

