

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095235.D
 Acq On : 29 Jan 2018 8:02
 Operator : SJ/JU
 Sample : J1223-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B02

Manual Integrations
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Quant Time: Jan 29 13:32:09 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3607	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11675	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	9025	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	15165m	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	15212	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	13505m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	6929	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17958	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	57919	1.772	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	59780	2.738	ng/ul	100
7) Acenaphthylene	14.75	152	3715	0.086	ng/ul#	75
8) Acenaphthene	15.08	153	63716	1.891	ng/ul	97
9) Fluorene	16.03	166	72538	2.088	ng/ul#	68
11) Pentachlorophenol	17.36	266	19410	6.608	ng/ul	95
12) Phenanthrene	17.75	178	406274	7.966	ng/ul#	84
13) Anthracene	17.85	178	42643	0.913	ng/ul#	90
15) Fluoranthene	19.73	202	268357	4.064	ng/ul	83
17) Pyrene	20.09	202	175057	3.429	ng/ul#	76
18) Benzo(a)anthracene	21.79	228	39176	0.824	ng/ul#	85
19) Chrysene	21.84	228	28410	0.575	ng/ul	96
21) Benzo(b)fluoranthene	23.63	252	19401m	0.407	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	5704m	0.131	ng/ul	
23) Benzo(a)pyrene	24.33	252	5838m	0.137	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	3393m	0.073	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	1048m	0.027	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	2976m	0.075	ng/ul	

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

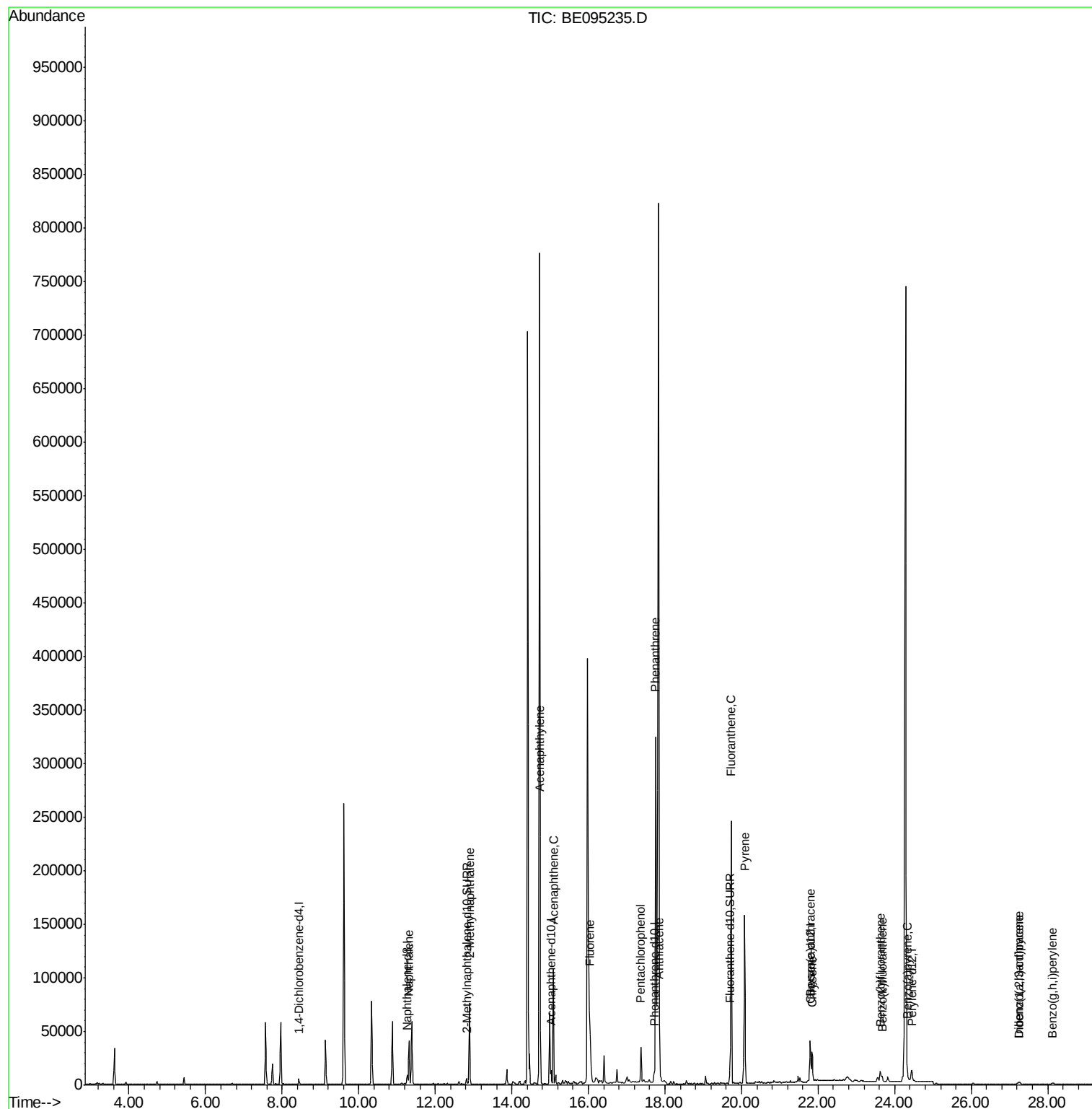
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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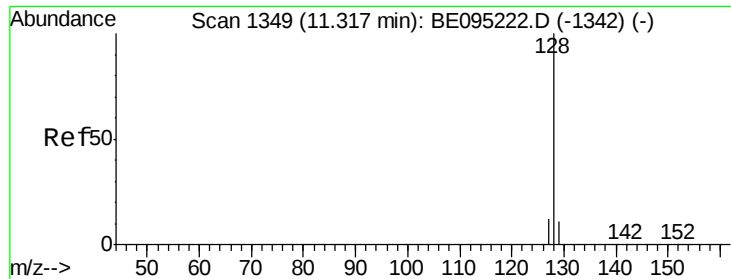
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#3

Naphthalene

Concen: 1.772 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

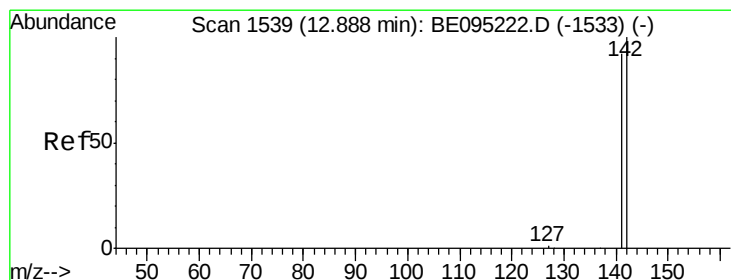
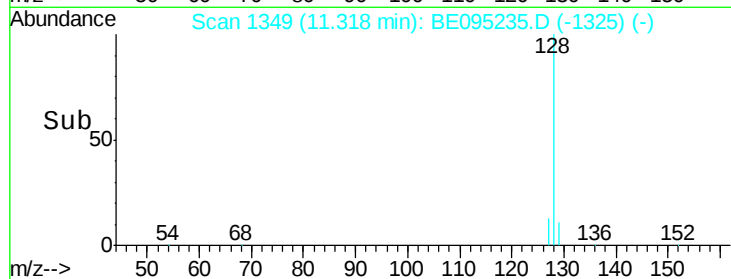
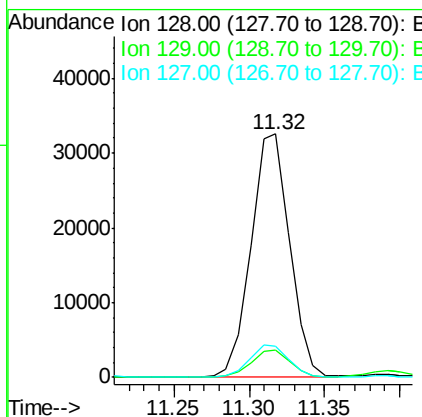
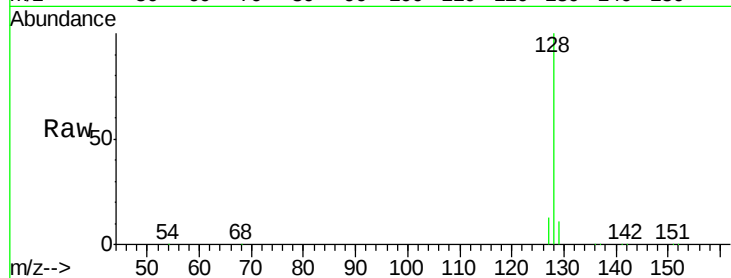
ClientSampleId :

F6B02

Tot Ion:	128	Resp:	57919
Ion Ratio	Lower	Upper	
128	100		
129	11.1	11.3	16.9#
127	13.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 2.738 ng/ul

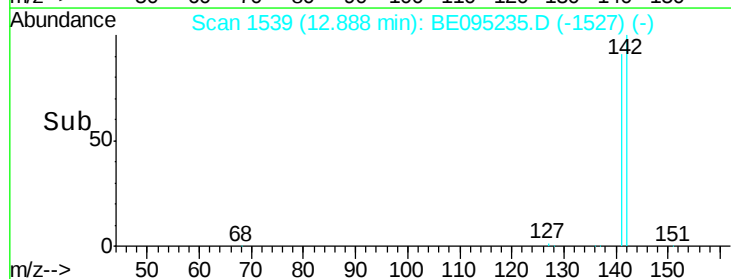
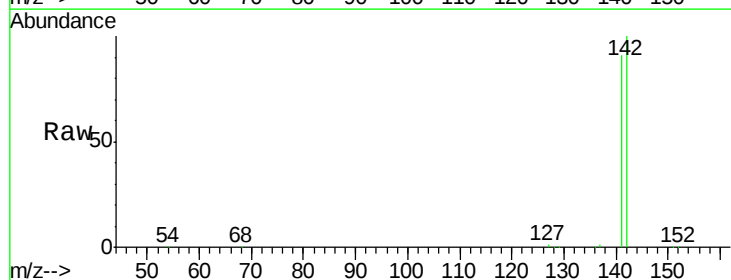
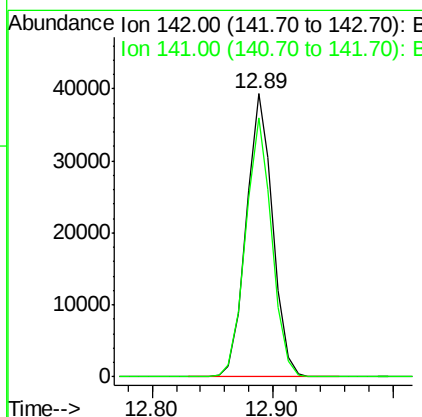
RT: 12.89 min Scan# 1539

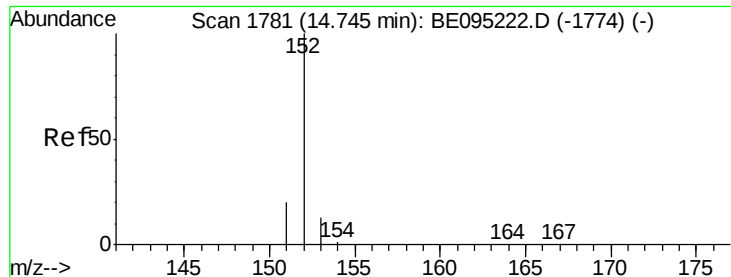
Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Tgt Ion:	142	Resp:	59780
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.086 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

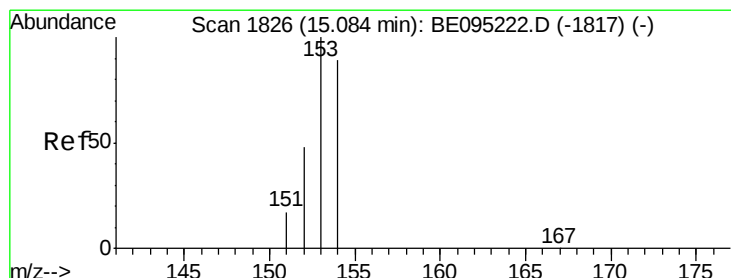
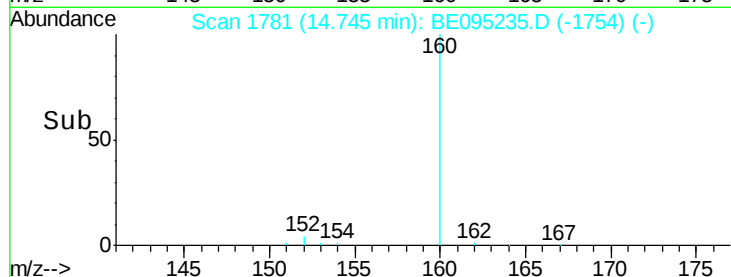
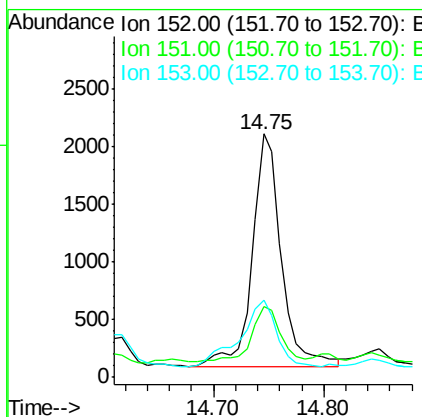
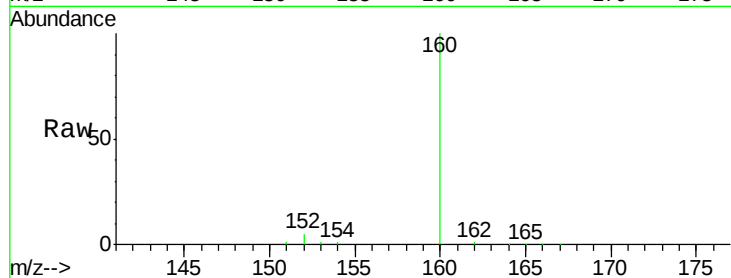
ClientSampleId :

F6B02

Tot Ion:	152	Resp:	3715
Ion Ratio	Lower	Upper	
152	100		
151	29.2	17.1	25.7#
153	31.8	12.8	19.2#

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#8

Acenaphthene

Concen: 1.891 ng/ul

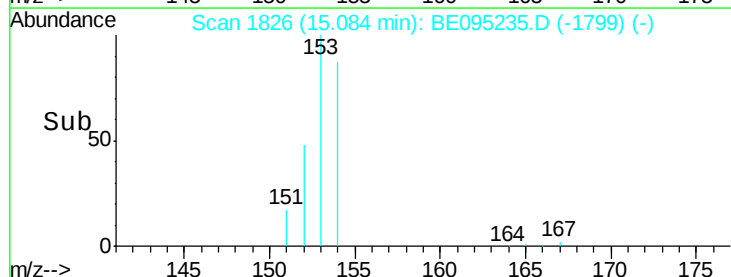
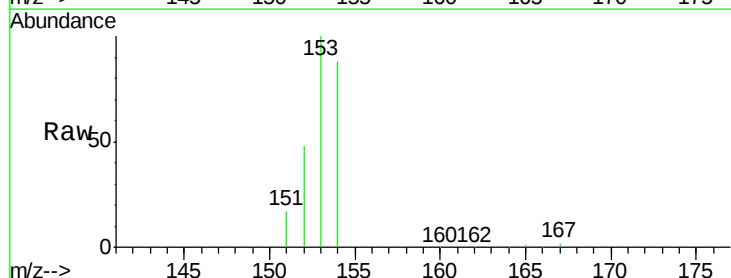
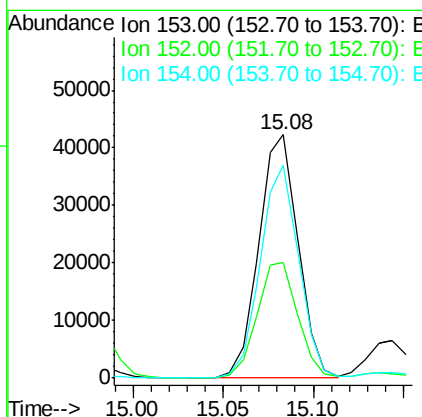
RT: 15.08 min Scan# 1826

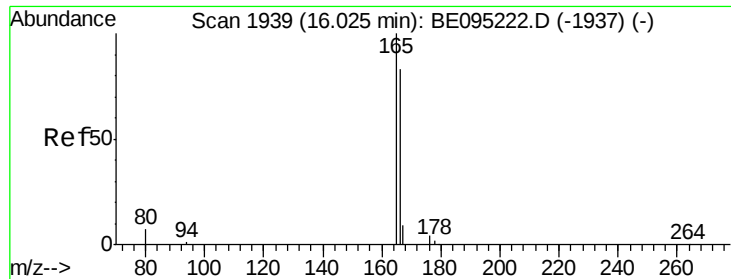
Delta R.T. -0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Tgt Ion:	153	Resp:	63716
Ion Ratio	Lower	Upper	
153	100		
152	47.7	36.0	54.0
154	87.5	72.0	108.0





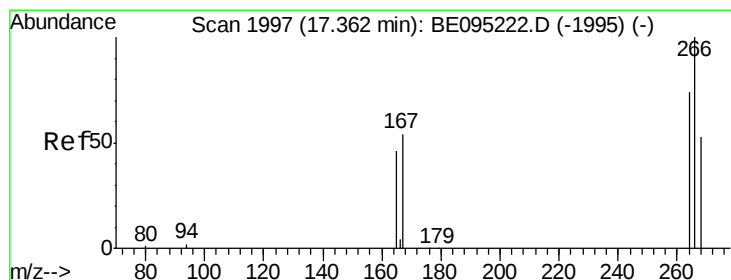
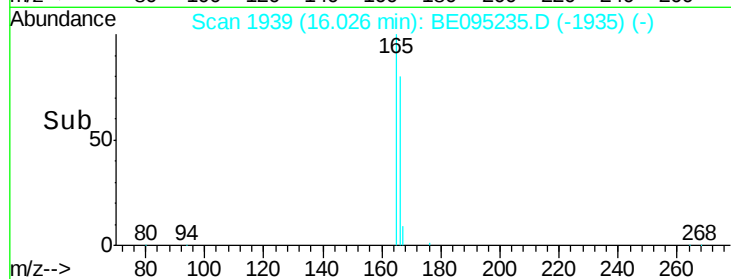
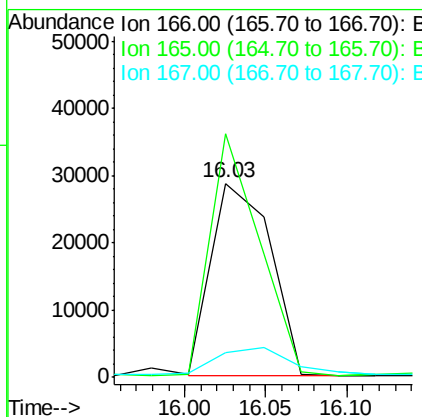
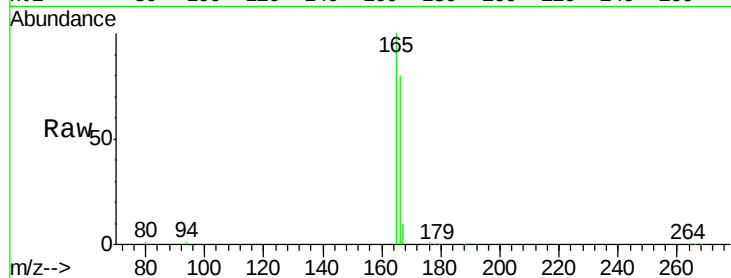
#9
Fluorene
 Concen: 2.088 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BE095235.D
 Acq: 29 Jan 2018 8:02

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	125.7	73.4	110.2#
167	12.7	14.6	22.0#

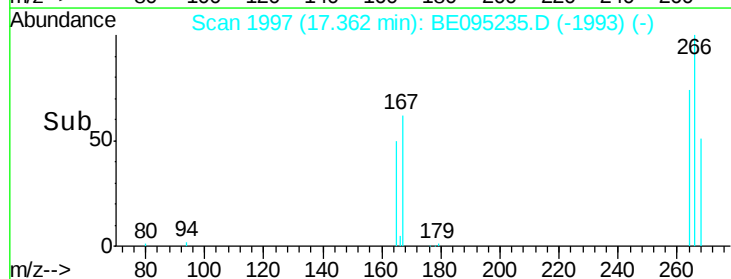
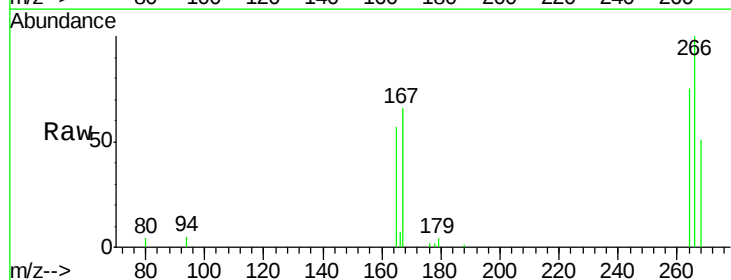
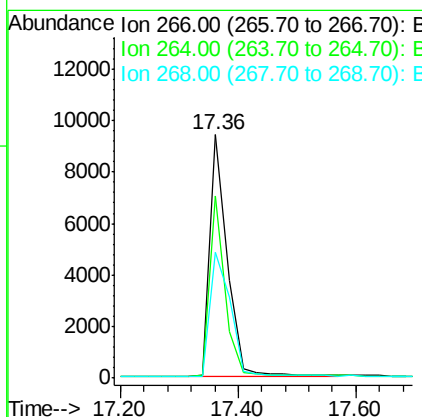
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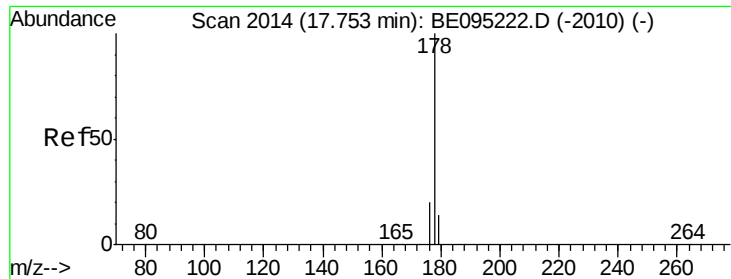
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#11
Pentachlorophenol
 Concen: 6.608 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095235.D
 Acq: 29 Jan 2018 8:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.4	47.9	71.9
268	60.8	49.8	74.8





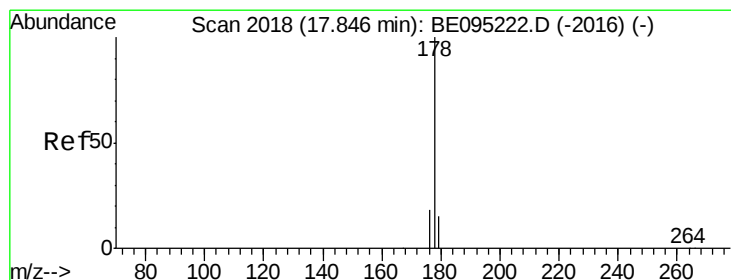
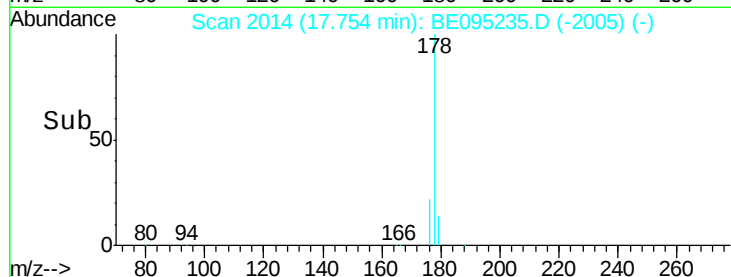
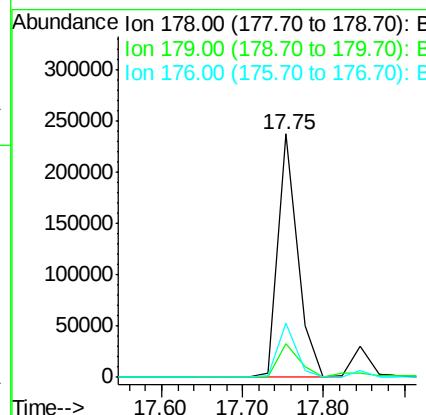
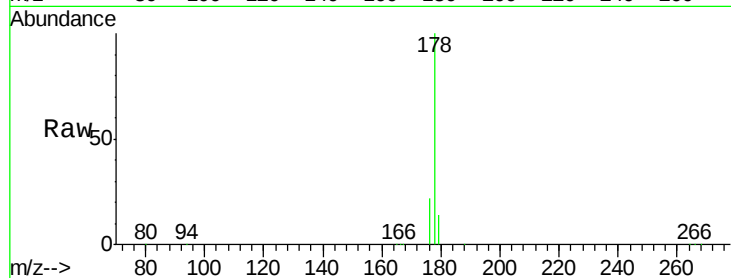
#12
Phenanthrene
Concen: 7.966 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095235.D
Acq: 29 Jan 2018 8:02

Instrument :
BNA_E
ClientSampleId :
F6B02

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.8	18.4	27.6#
176	22.1	13.6	20.4#

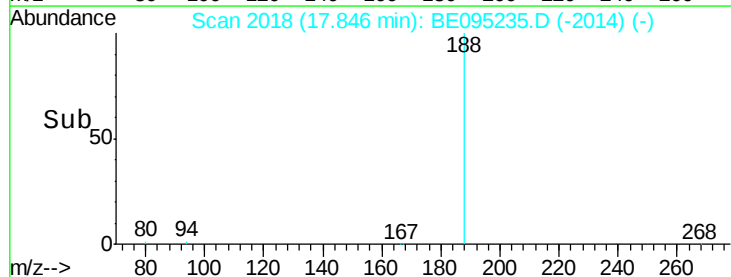
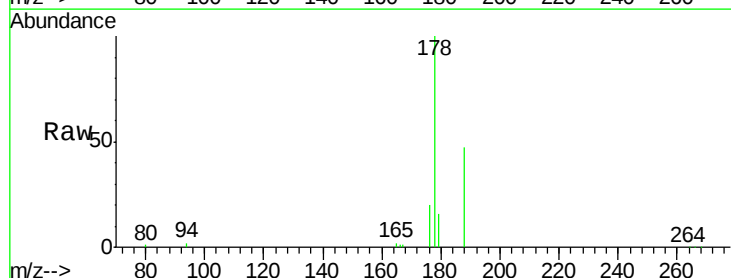
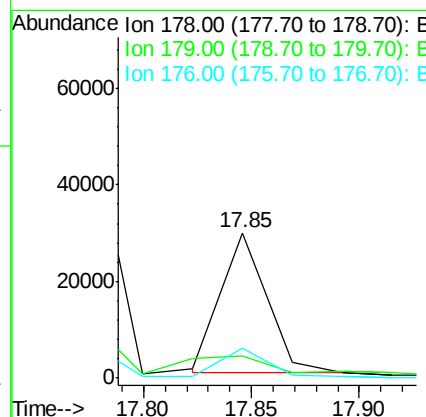
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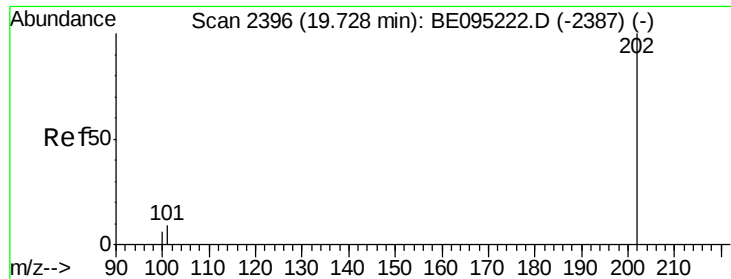
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#13
Anthracene
Concen: 0.913 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095235.D
Acq: 29 Jan 2018 8:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	20.2	14.7	22.1





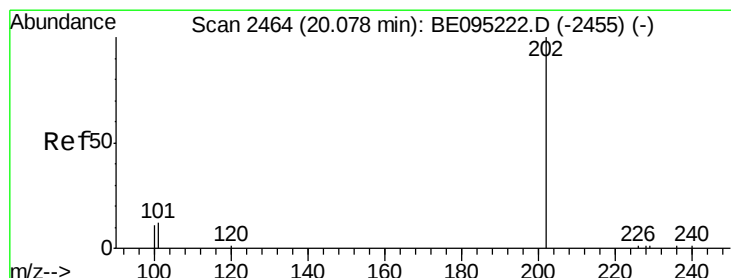
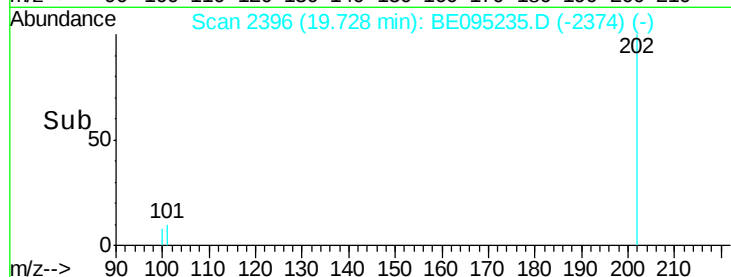
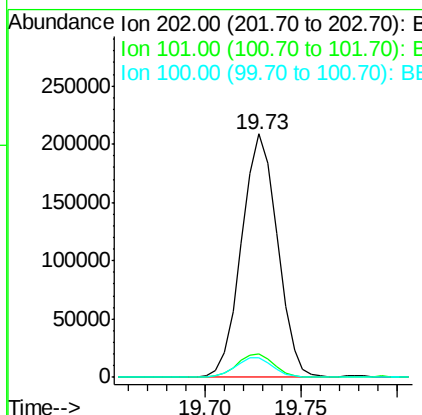
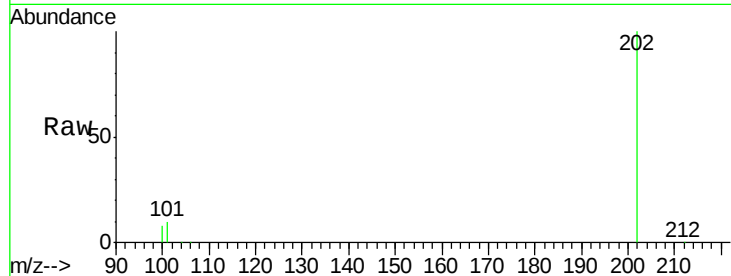
#15
Fluoranthene
 Concen: 4.064 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BE095235.D
 Acq: 29 Jan 2018 8:02

Instrument :
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 ClientSampleId :
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Tot Ion:	202	Resp:	268357
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.3
100	7.9	0.0	39.5

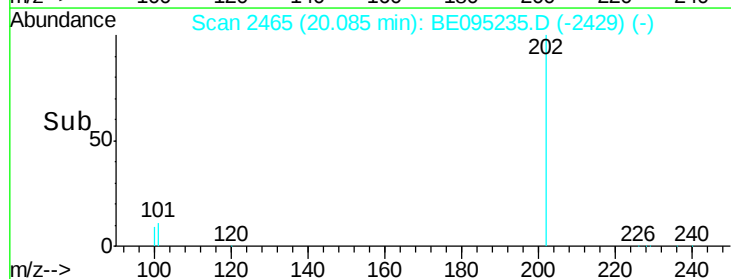
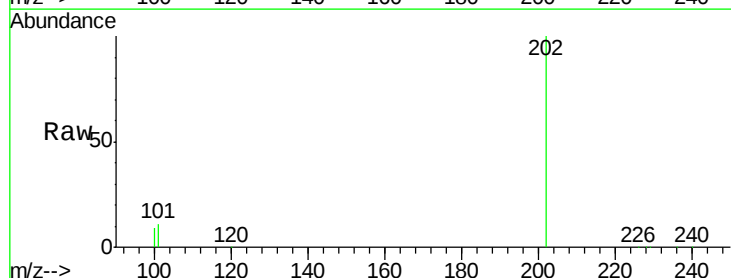
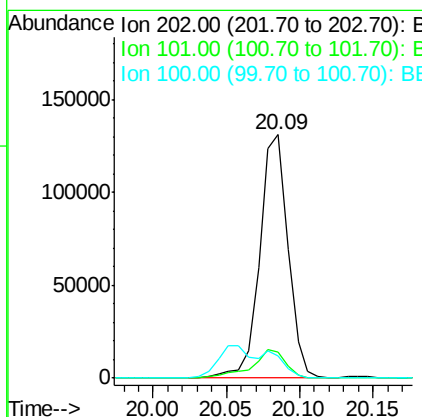
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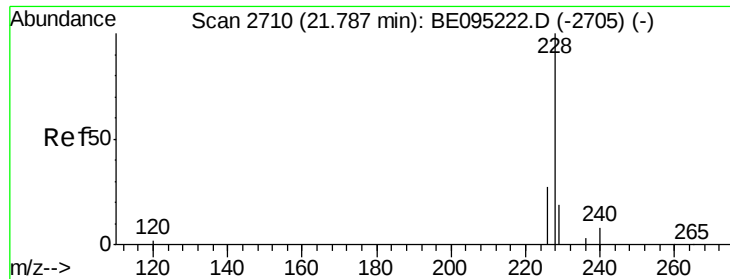
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#17
Pyrene
 Concen: 3.429 ng/ul
 RT: 20.09 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BE095235.D
 Acq: 29 Jan 2018 8:02

Tgt Ion:	202	Resp:	175057
Ion Ratio	Lower	Upper	
202	100		
101	10.6	18.2	27.4#
100	9.1	15.6	23.4#





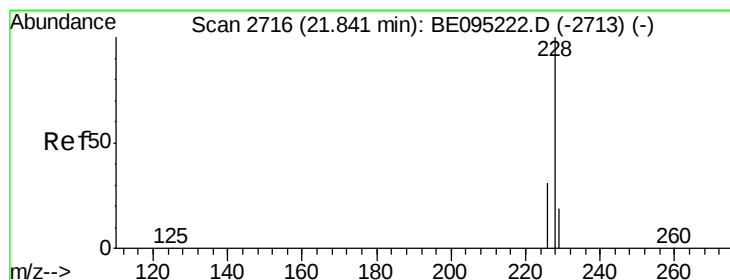
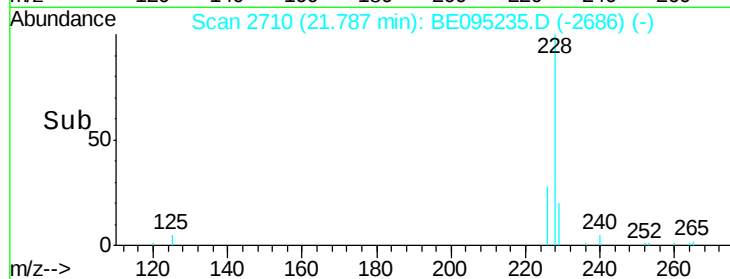
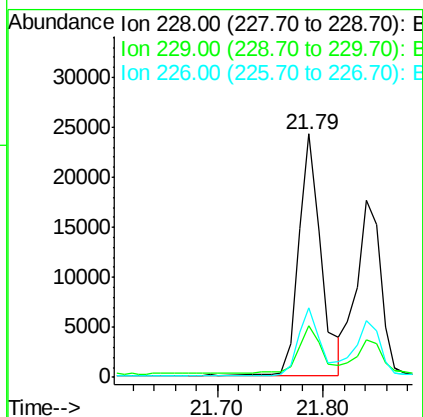
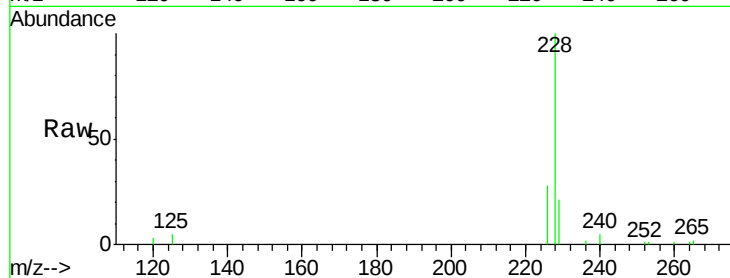
#18
Benzo(a)anthracene
Concen: 0.824 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095235.D
Acq: 29 Jan 2018 8:02

Instrument :
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ClientSampleId :
F6B02

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	28.4	17.0	25.6#

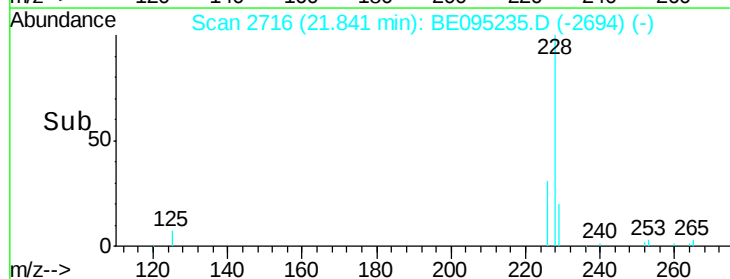
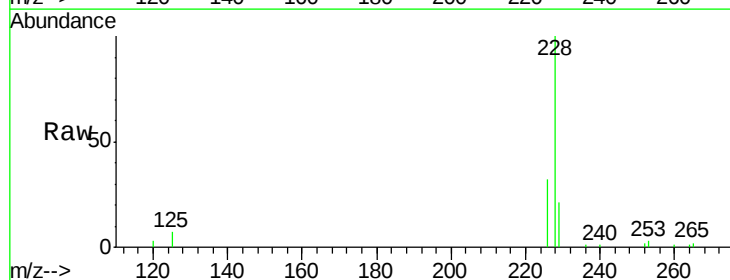
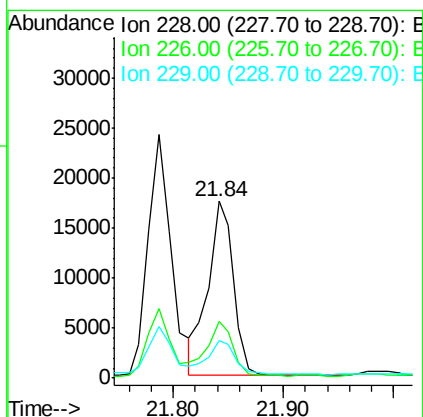
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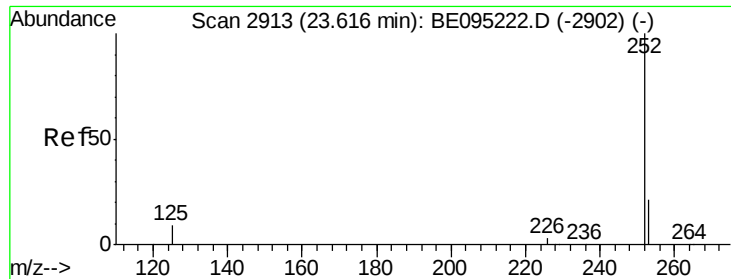
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#19
Chrysene
Concen: 0.575 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095235.D
Acq: 29 Jan 2018 8:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	21.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.407 ng/ul m

RT: 23.63 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

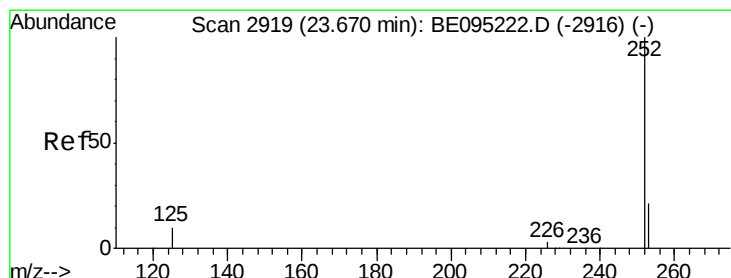
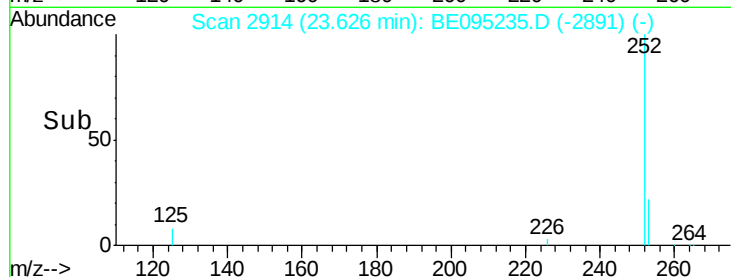
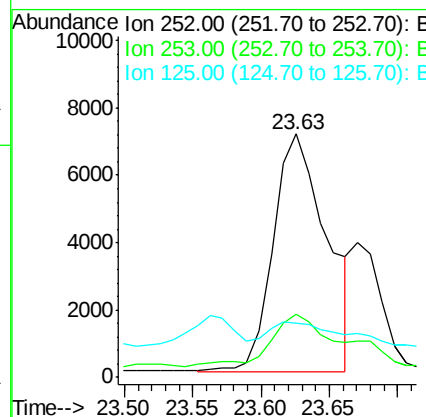
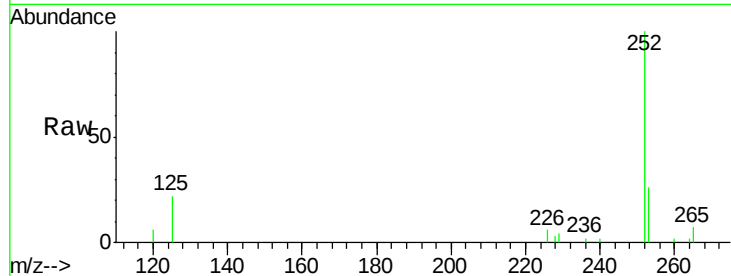
ClientSampleId :

F6B02

Tot Ion:	252	Resp:	19401
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	64.2
125	22.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.131 ng/ul m

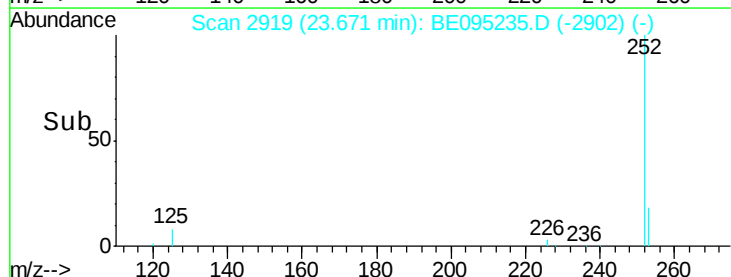
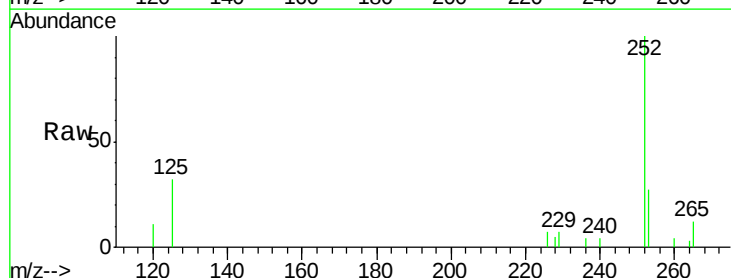
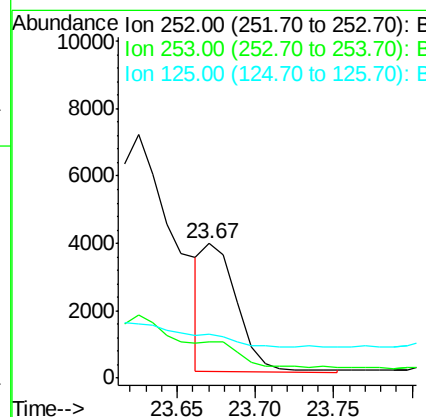
RT: 23.67 min Scan# 2919

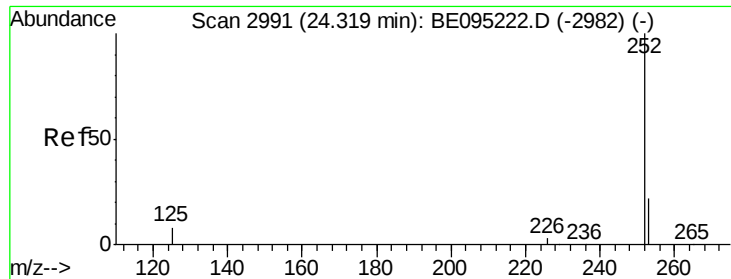
Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Tgt Ion:	252	Resp:	5704
Ion Ratio	Lower	Upper	
252	100		
253	27.3	24.5	36.7
125	32.3	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.137 ng/ul m

RT: 24.33 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

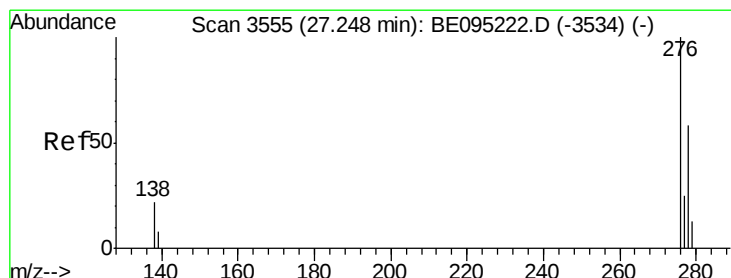
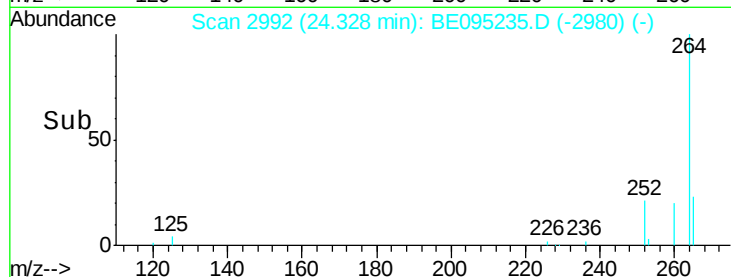
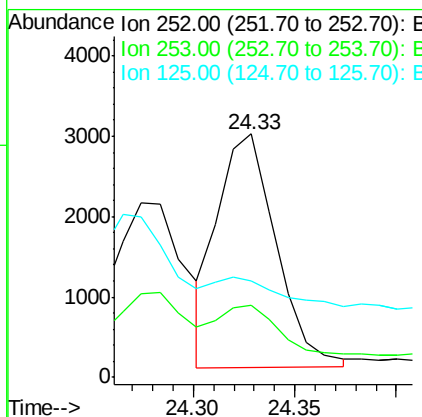
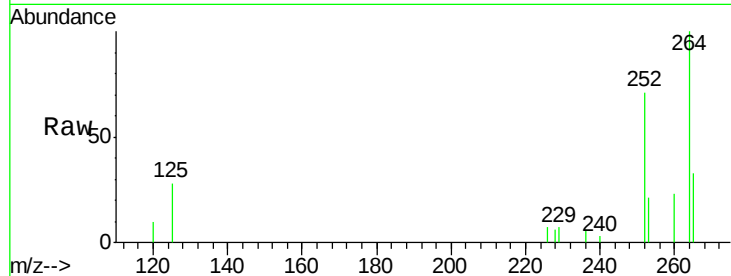
ClientSampleId :

F6B02

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	28.5	42.7
125	39.5	18.1	27.1#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:28 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.073 ng/ul m

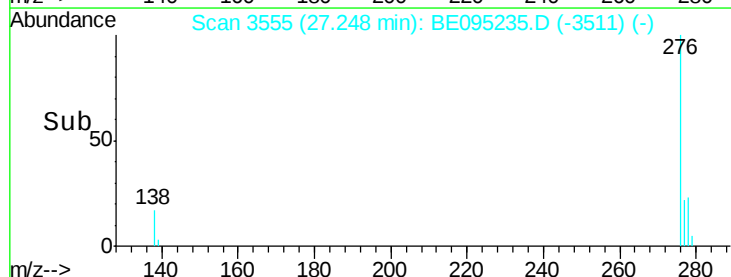
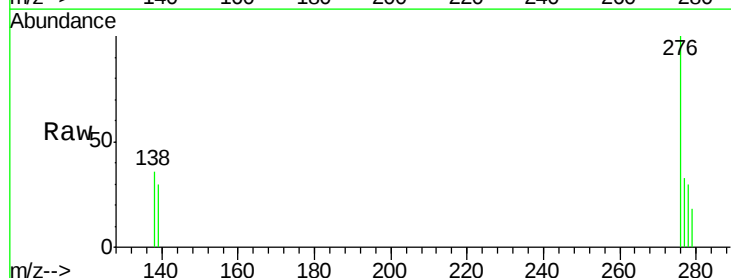
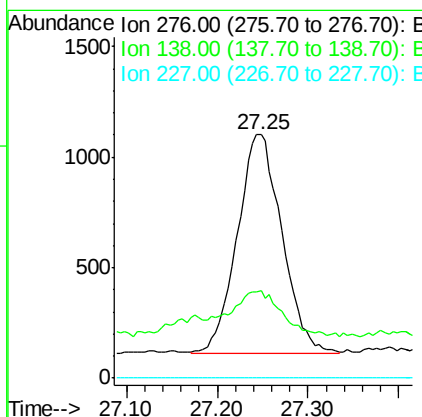
RT: 27.25 min Scan# 3555

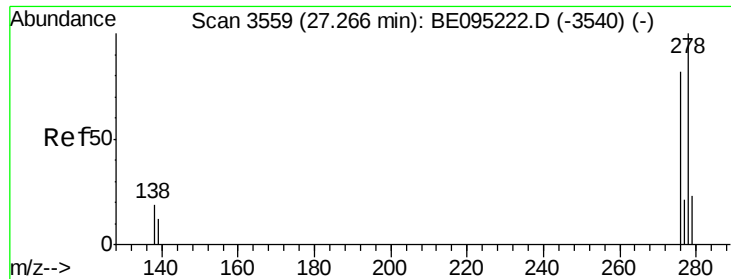
Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.5	28.0	42.0#
227	0.0	8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.027 ng/ul m

RT: 27.26 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

ClientSampleId :

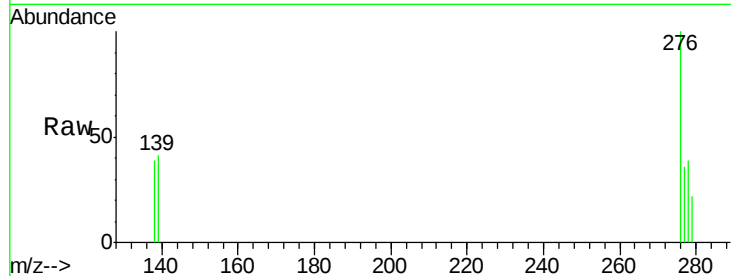
F6B02

Tot Ion:278	Resp:	1048
Ion Ratio	Lower	Upper
278	100	
139	104.4	17.4 26.0#
279	56.5	25.9 38.9#

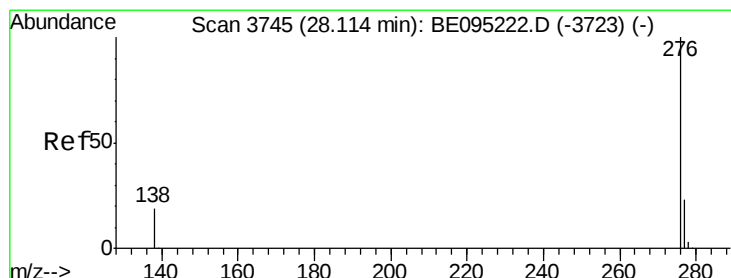
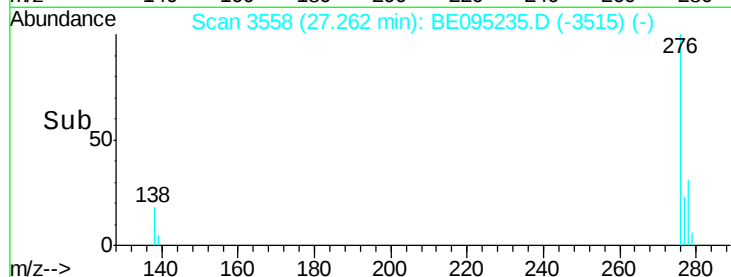
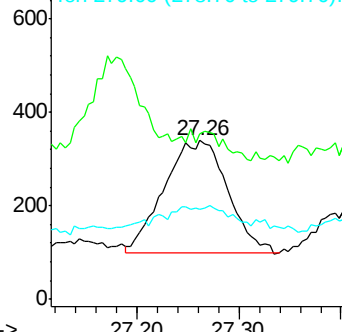
Manual Integrations
APPROVED

Sohil

1/29/2018 6:26:28 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.075 ng/ul m

RT: 28.12 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Tgt Ion:276	Resp:	2976
Ion Ratio	Lower	Upper
276	100	
138	35.7	21.8 32.8#
277	34.2	20.5 30.7#

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

