

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095232.D
 Acq On : 29 Jan 2018 6:14
 Operator : SJ/JU
 Sample : J1223-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B01

Manual Integrations
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Quant Time: Jan 29 13:14:51 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	3025	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9618	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5942	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	12954m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	12541	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	12369m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3830	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11010	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	239627	8.897	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	151887	8.446	ng/ul	100
7) Acenaphthylene	14.74	152	6338	0.222	ng/ul#	59
8) Acenaphthene	15.08	153	129092	5.820	ng/ul	95
9) Fluorene	16.05	166	185173	8.096	ng/ul	89
11) Pentachlorophenol	17.36	266	68661	27.366	ng/ul#	55
12) Phenanthrene	17.75	178	1125512	25.834	ng/ul#	82
13) Anthracene	17.85	178	153142	3.840	ng/ul#	89
15) Fluoranthene	19.73	202	941397	16.688	ng/ul	80
17) Pyrene	20.08	202	621774	14.775	ng/ul#	76
18) Benzo(a)anthracene	21.79	228	151817	3.872	ng/ul#	85
19) Chrysene	21.85	228	107063	2.630	ng/ul	98
21) Benzo(b)fluoranthene	23.63	252	68457m	1.569	ng/ul	
22) Benzo(k)fluoranthene	23.68	252	22968m	0.575	ng/ul	
23) Benzo(a)pyrene	24.33	252	30591m	0.785	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	12001m	0.281	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	4443m	0.127	ng/ul	
26) Benzo(g,h,i)perylene	28.13	276	9714m	0.268	ng/ul	

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

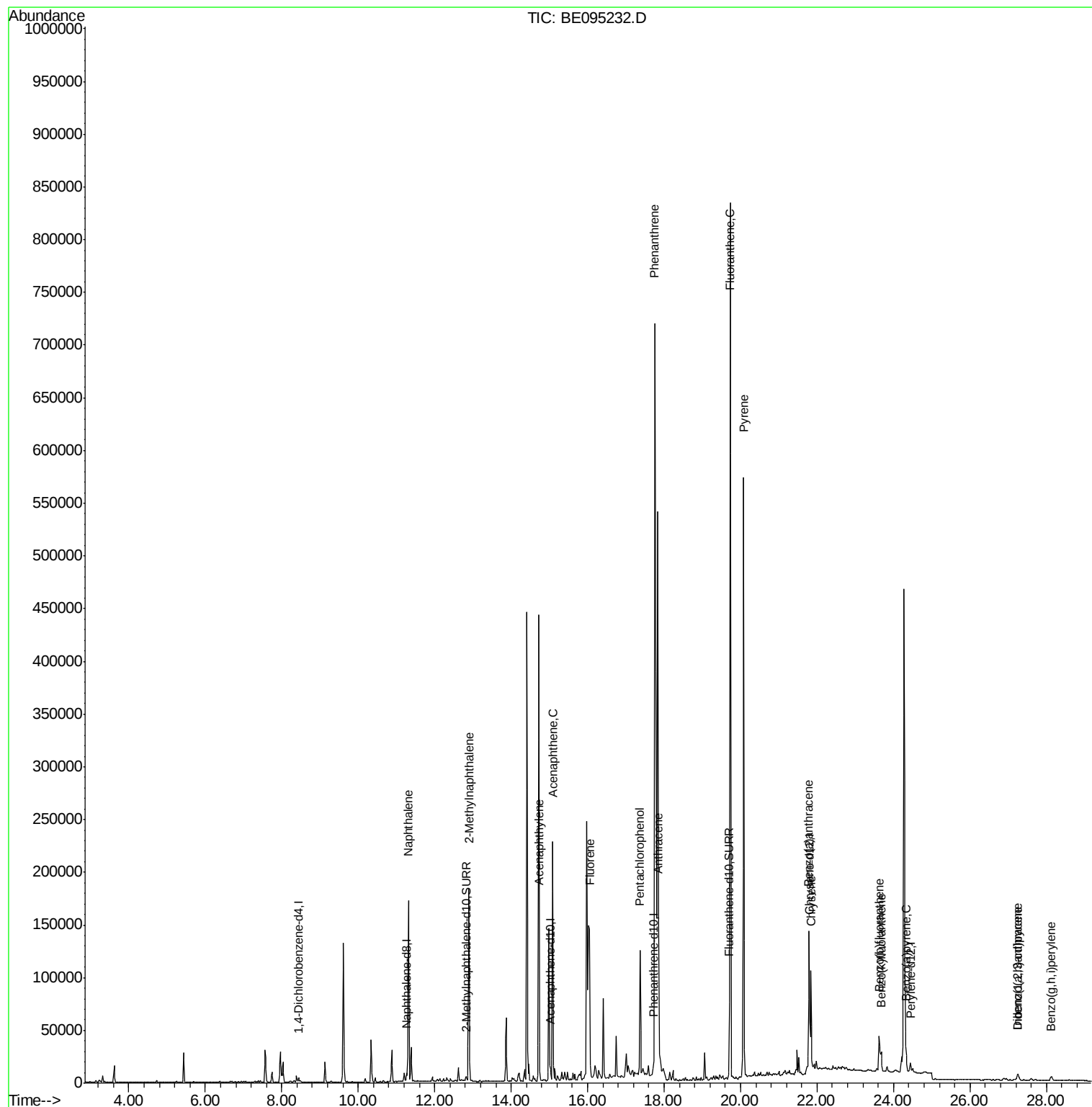
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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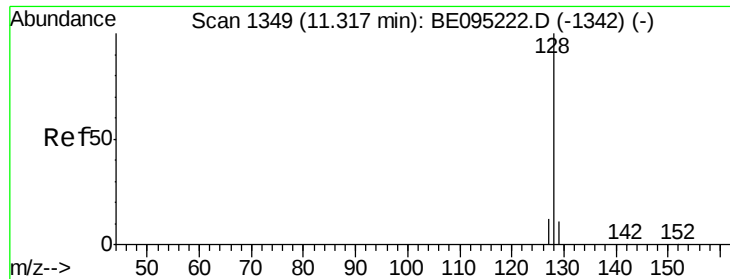
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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#3

Naphthalene

Concen: 8.897 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA_E

ClientSampleId :

F6B01

Tot Ion:128 Resp: 239627

Ion Ratio Lower Upper

128 100

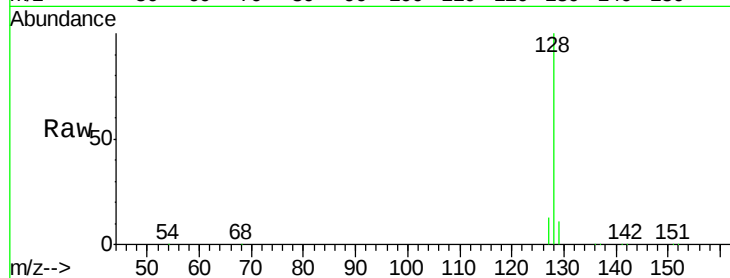
129 11.2 11.3 16.9#

127 13.3 4.0 6.0#

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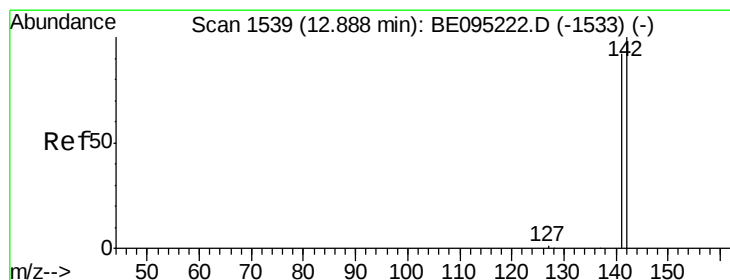
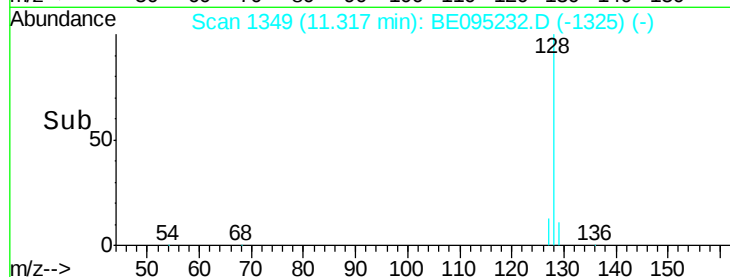
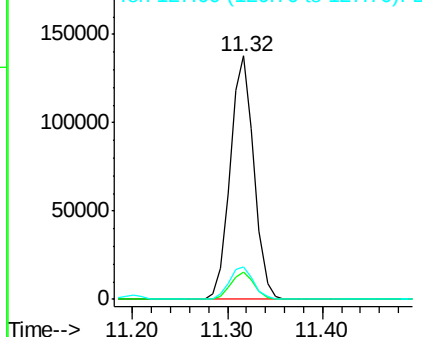
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 8.446 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095232.D

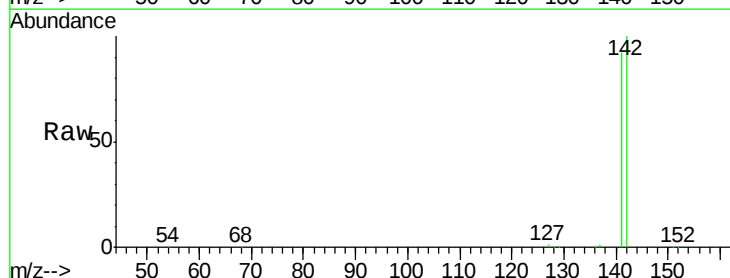
Acq: 29 Jan 2018 6:14

Tgt Ion:142 Resp: 151887

Ion Ratio Lower Upper

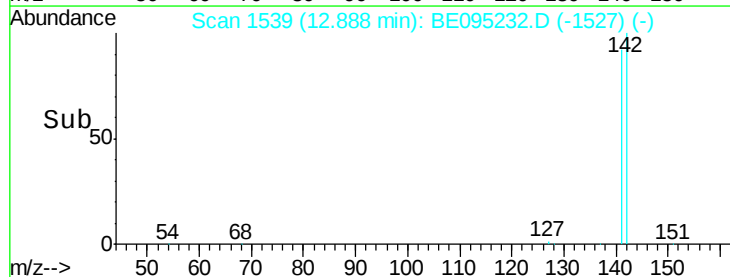
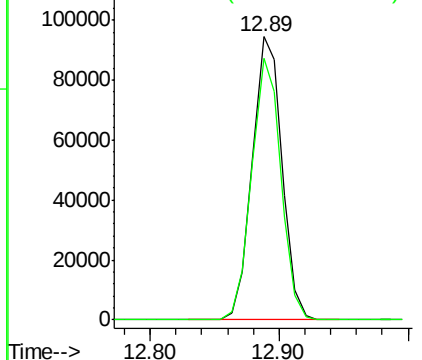
142 100

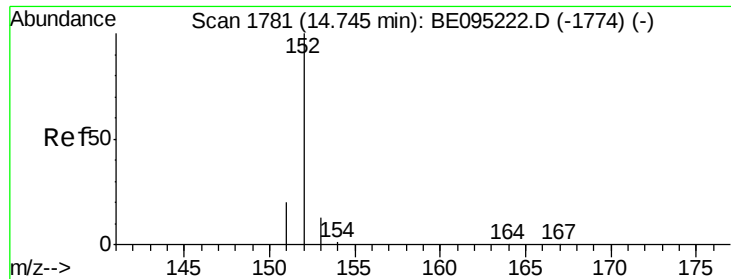
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.222 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA_E

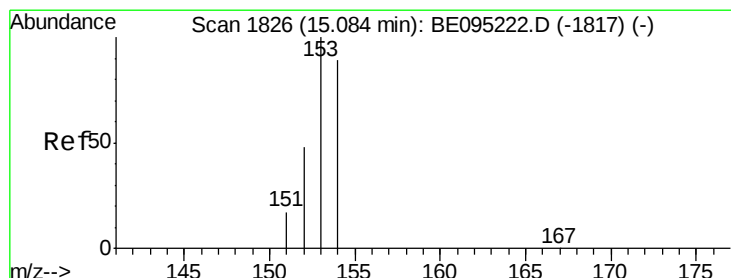
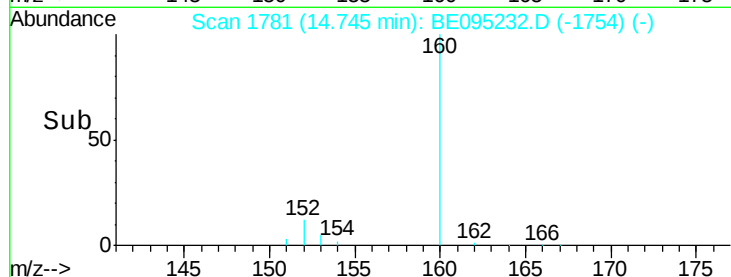
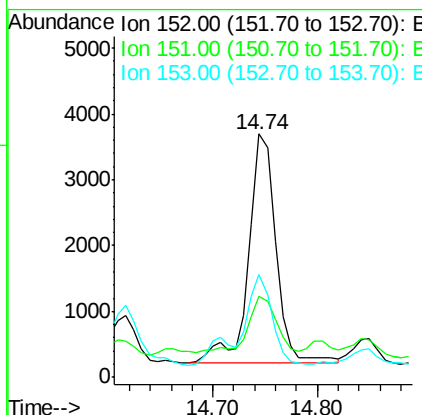
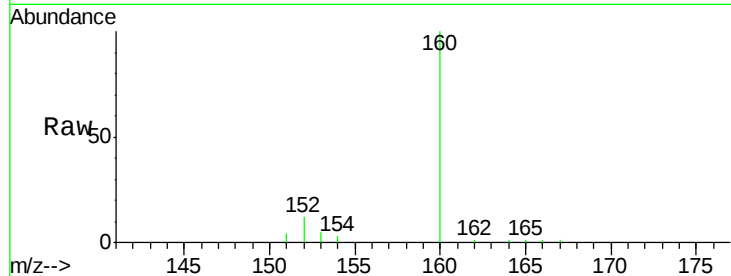
ClientSampled :

F6B01

Tot Ion:	152	Resp:	6338
Ion Ratio	Lower	Upper	
152	100		
151	33.3	17.1	25.7#
153	42.5	12.8	19.2#

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#8

Acenaphthene

Concen: 5.820 ng/ul

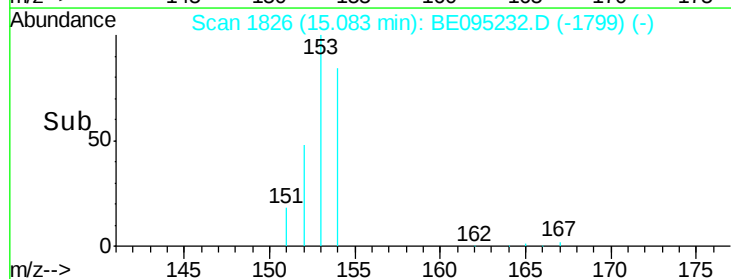
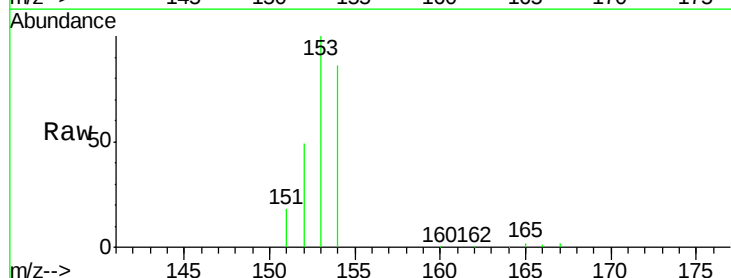
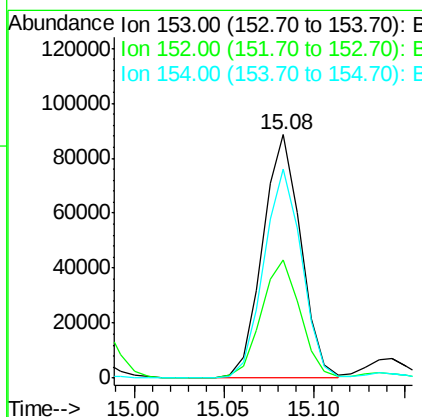
RT: 15.08 min Scan# 1826

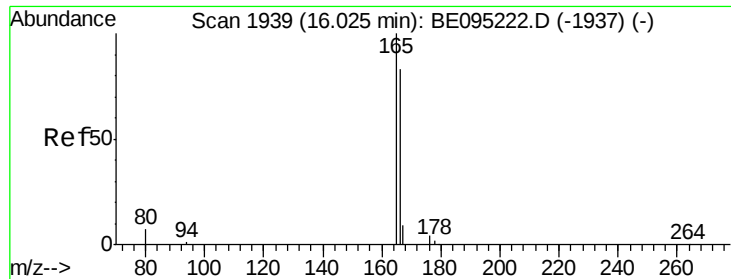
Delta R.T. -0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Tgt Ion:	153	Resp:	129092
Ion Ratio	Lower	Upper	
153	100		
152	48.6	36.0	54.0
154	86.0	72.0	108.0





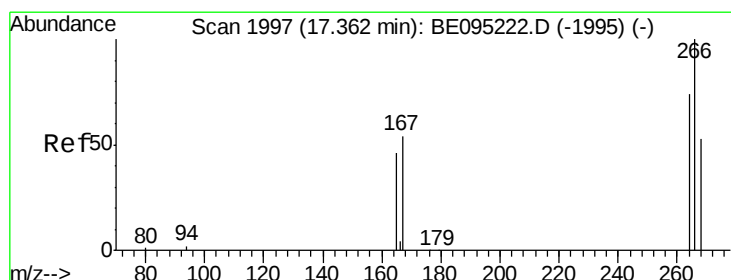
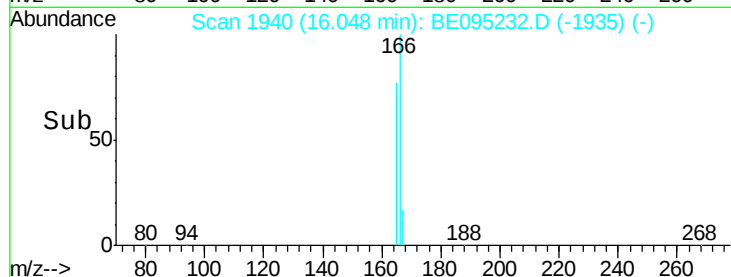
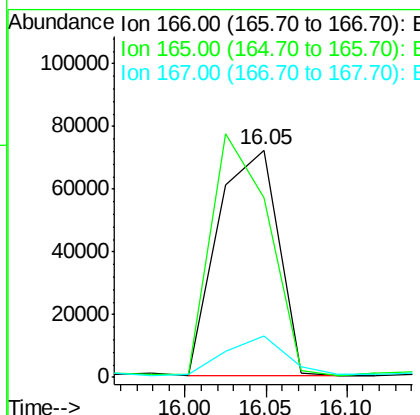
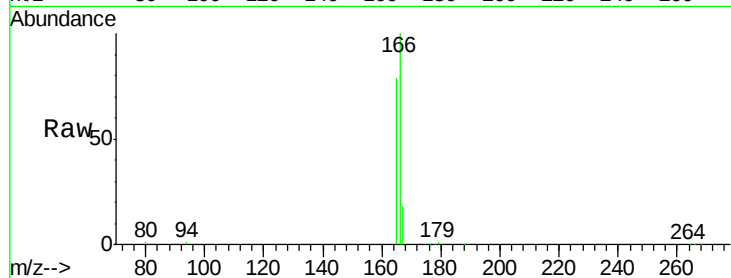
#9
Fluorene
 Concen: 8.096 ng/ul
 RT: 16.05 min Scan# 1940
 Delta R.T. 0.02 min
 Lab File: BE095232.D
 Acq: 29 Jan 2018 6:14

Instrument :
 BNA_E
 ClientSampleId :
 F6B01

Tot Ion	Ratio	Lower	Upper
166	100		
165	79.3	73.4	110.2
167	18.2	14.6	22.0

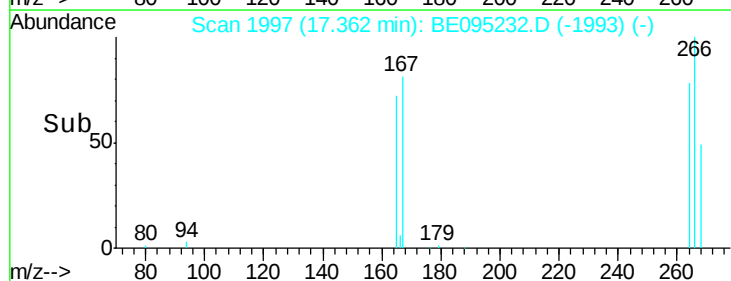
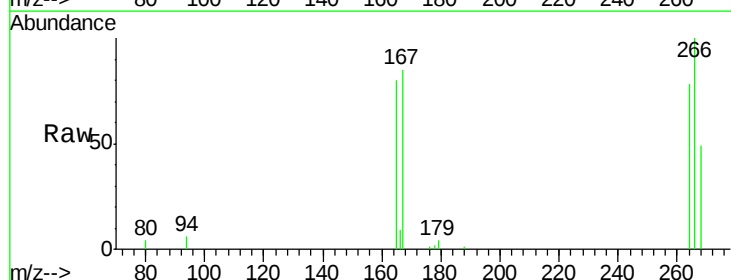
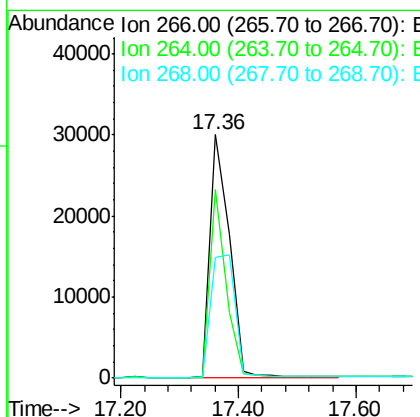
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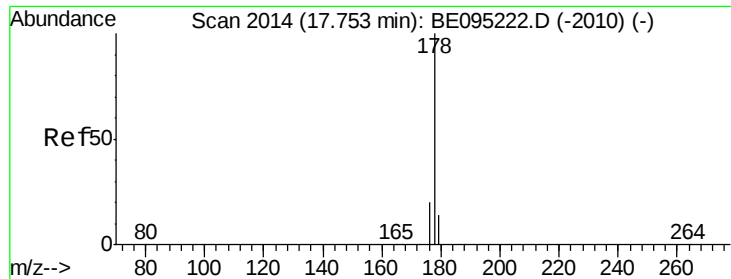
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#11
Pentachlorophenol
 Concen: 27.366 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095232.D
 Acq: 29 Jan 2018 6:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.7	47.9	71.9
268	0.0	49.8	74.8#





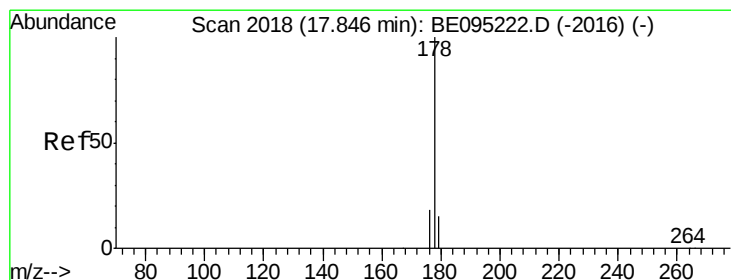
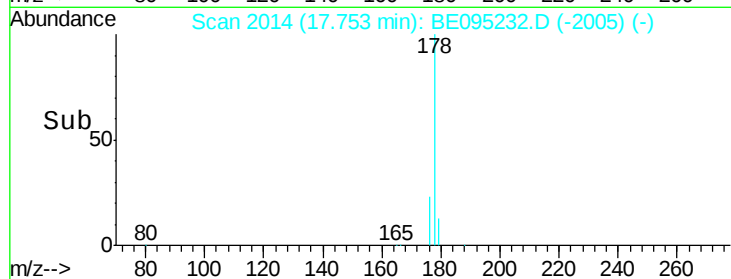
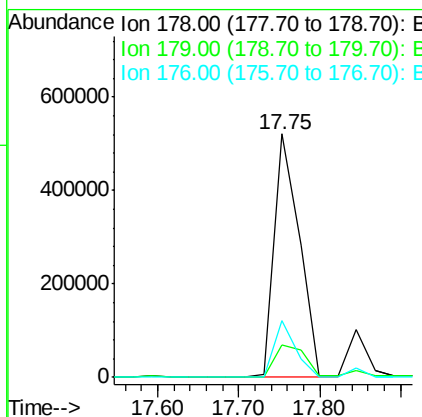
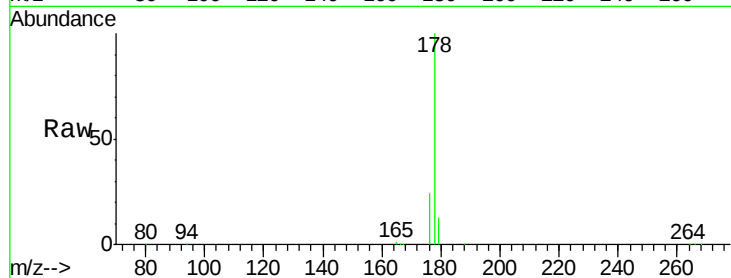
#12
Phenanthrene
Concen: 25.834 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095232.D
Acq: 29 Jan 2018 6:14

Instrument :
BNA_E
ClientSampleId :
F6B01

Tot Ion:178 Resp: 1125512
Ion Ratio Lower Upper
178 100
179 13.4 18.4 27.6#
176 23.5 13.6 20.4#

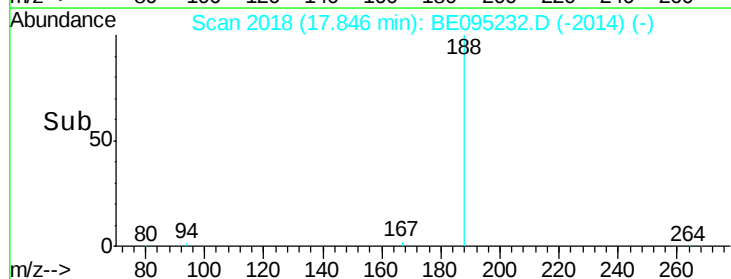
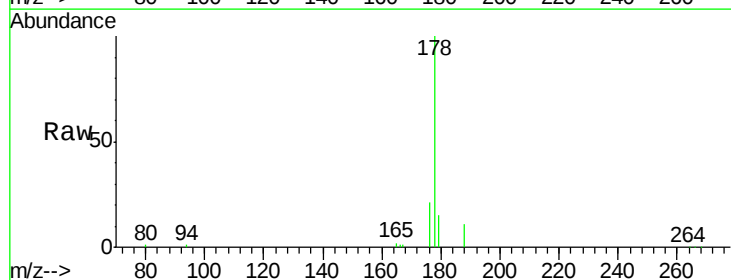
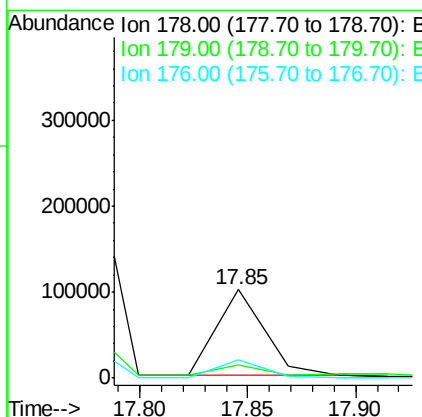
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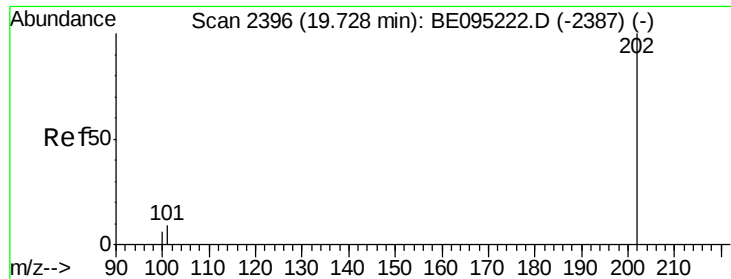
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#13
Anthracene
Concen: 3.840 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095232.D
Acq: 29 Jan 2018 6:14

Tgt Ion:178 Resp: 153142
Ion Ratio Lower Upper
178 100
179 14.9 18.1 27.1#
176 20.7 14.7 22.1





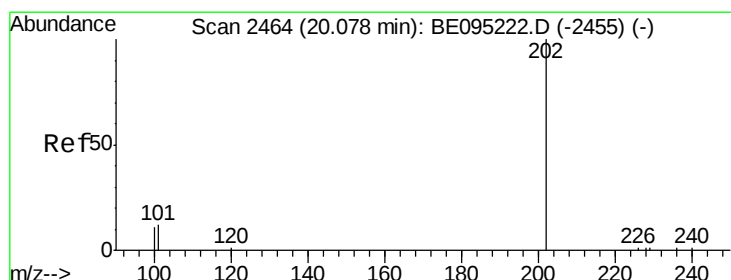
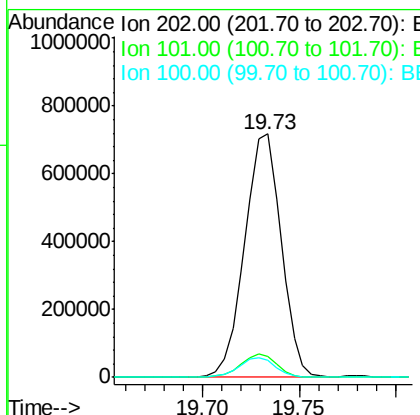
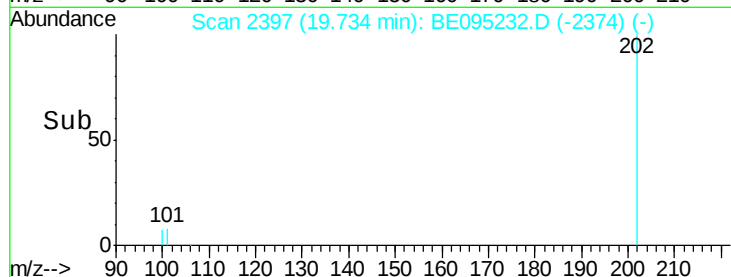
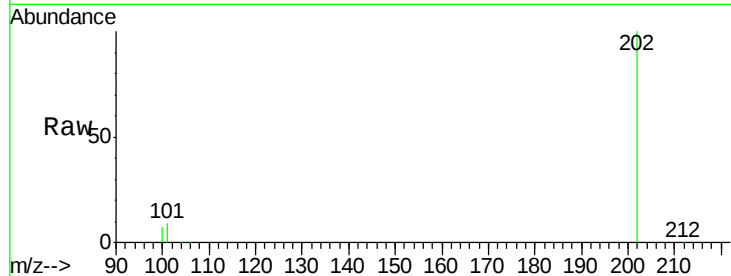
#15
Fluoranthene
 Concen: 16.688 ng/ul
 RT: 19.73 min Scan# 2397
 Delta R.T. 0.01 min
 Lab File: BE095232.D
 Acq: 29 Jan 2018 6:14

Instrument :
 BNA_E
 ClientSampleId :
 F6B01

Tot Ion:	202	Resp:	941397
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	30.3
100	6.8	0.0	39.5

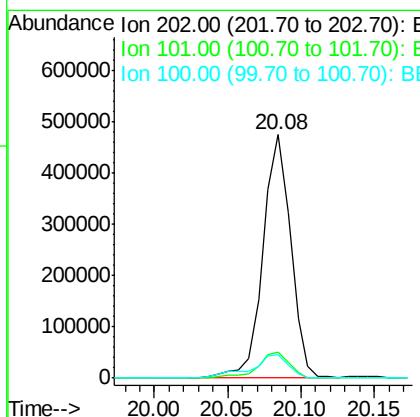
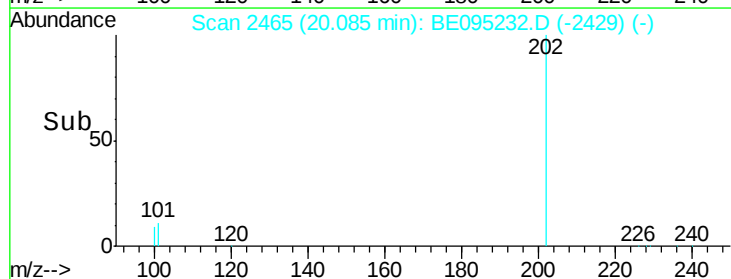
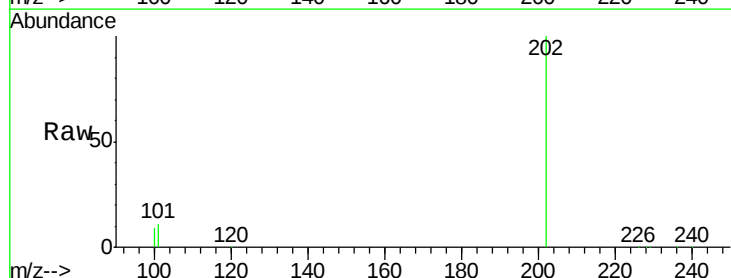
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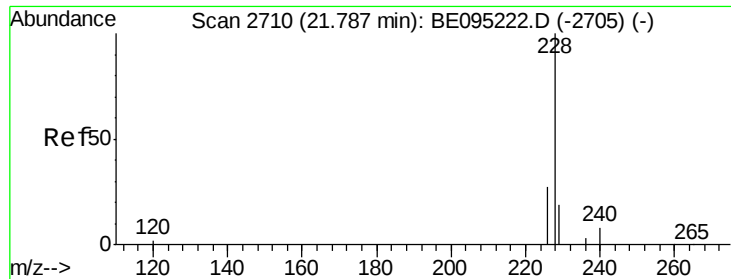
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#17
Pyrene
 Concen: 14.775 ng/ul
 RT: 20.08 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BE095232.D
 Acq: 29 Jan 2018 6:14

Tgt Ion:	202	Resp:	621774
Ion Ratio	Lower	Upper	
202	100		
101	10.8	18.2	27.4#
100	9.5	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 3.872 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA_E

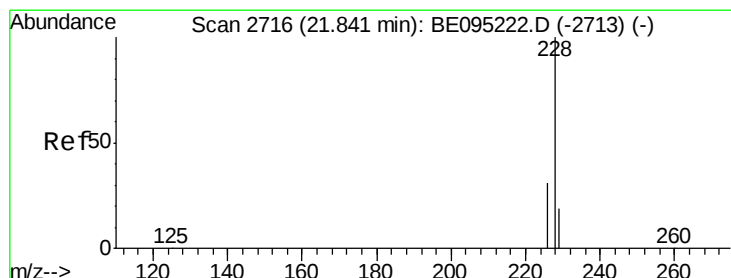
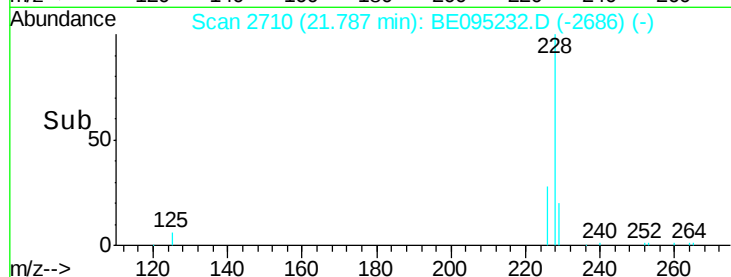
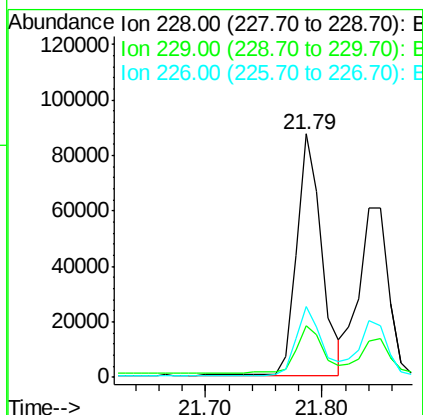
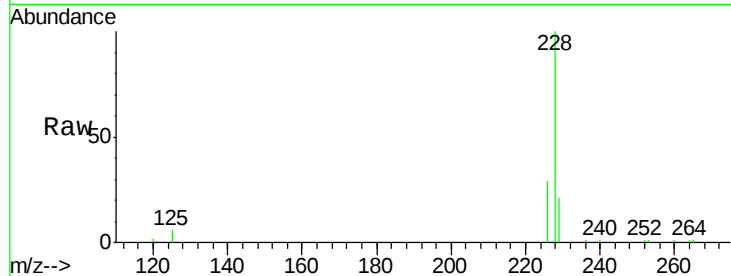
ClientSampled :

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Tot Ion:	228	Resp:	151817
Ion Ratio	Lower	Upper	
228	100		
229	21.2	22.8	34.2#
226	29.1	17.0	25.6#

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#19

Chrysene

Concen: 2.630 ng/ul

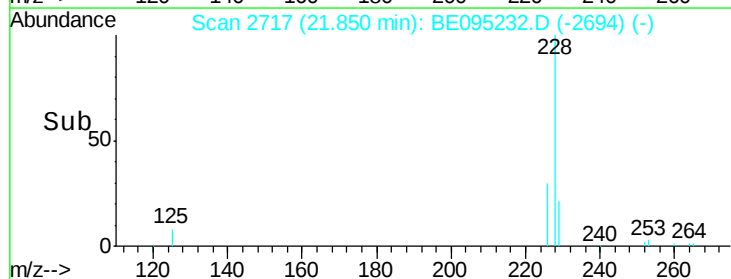
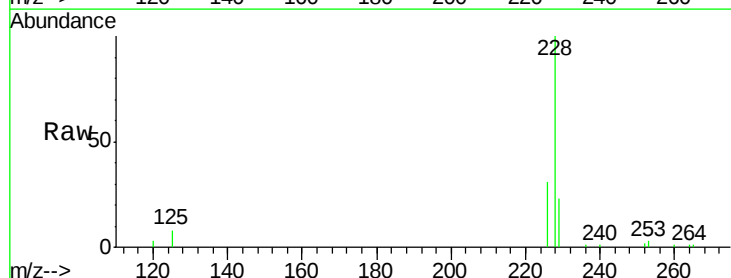
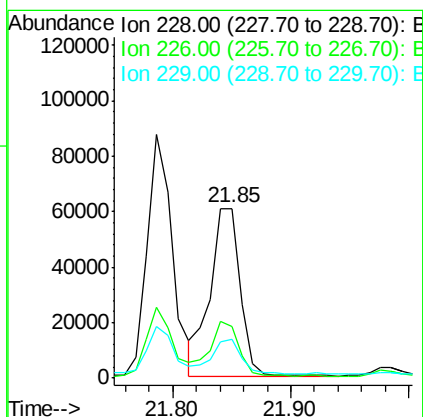
RT: 21.85 min Scan# 2717

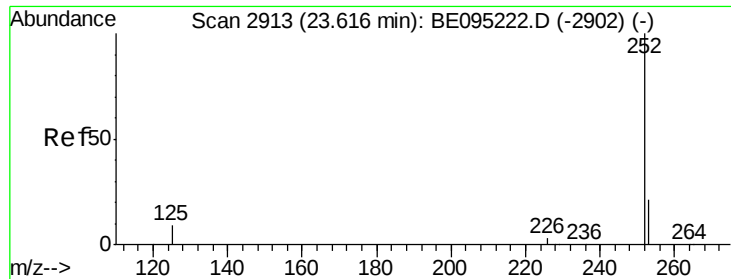
Delta R.T. 0.01 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Tgt Ion:	228	Resp:	107063
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	22.6	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.569 ng/ul m

RT: 23.63 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095232.D

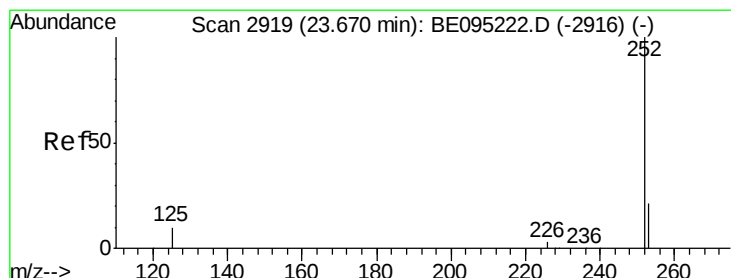
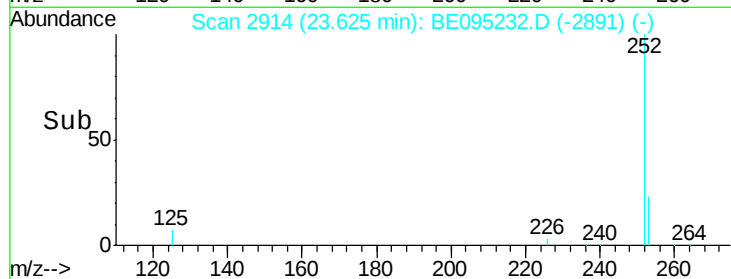
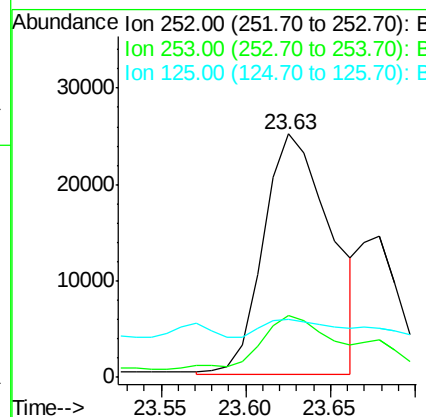
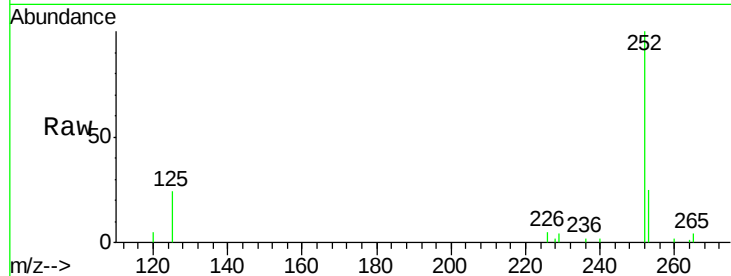
Acq: 29 Jan 2018 6:14

Instrument :
BNA_E
ClientSampleId :
F6B01

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	0.0	64.2
125	23.6	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.575 ng/ul m

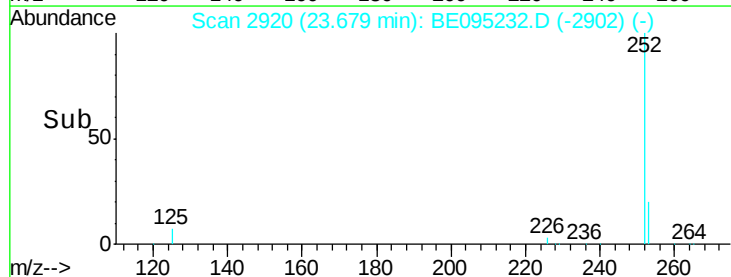
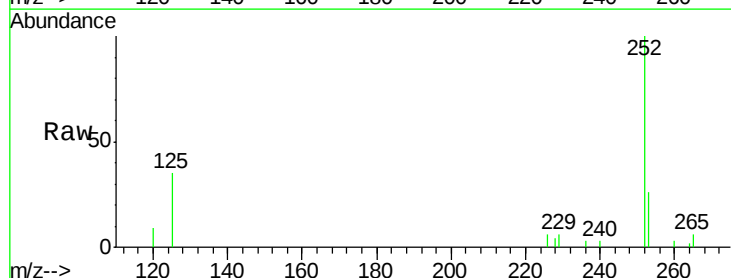
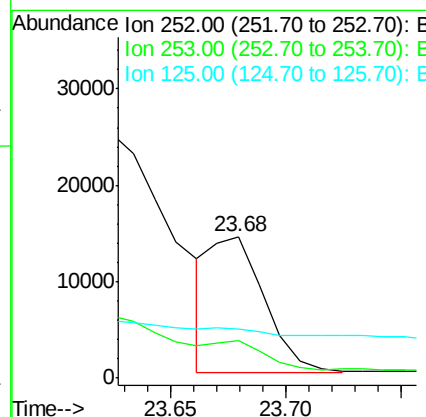
RT: 23.68 min Scan# 2920

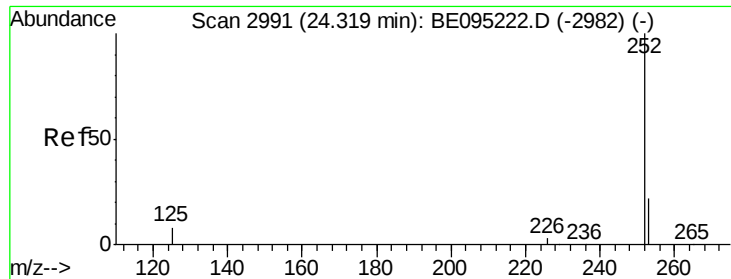
Delta R.T. 0.01 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.3	24.5	36.7
125	34.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.785 ng/ul m

RT: 24.33 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA_E

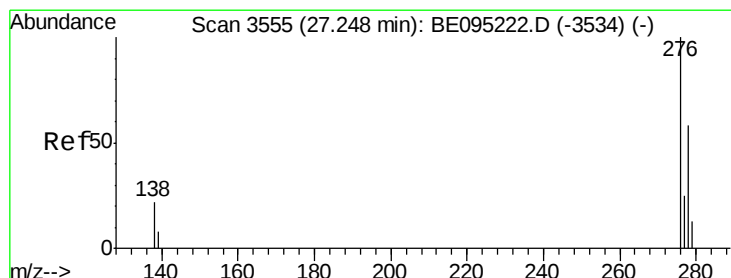
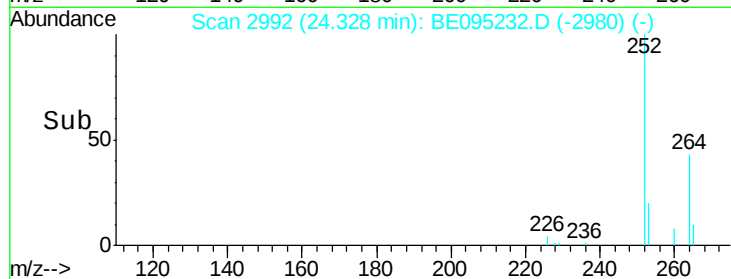
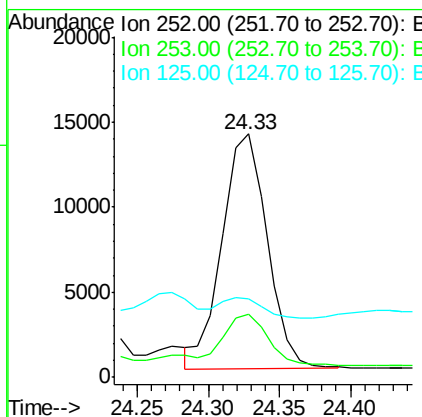
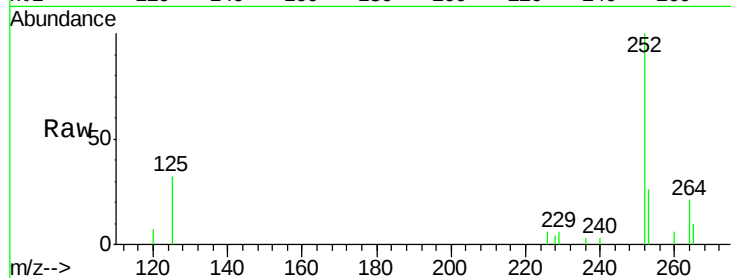
ClientSampleId :

F6B01

Tot Ion:	252	Resp:	30591
Ion Ratio	Lower	Upper	
252	100		
253	25.7	28.5	42.7#
125	32.1	18.1	27.1#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:14 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/ul m

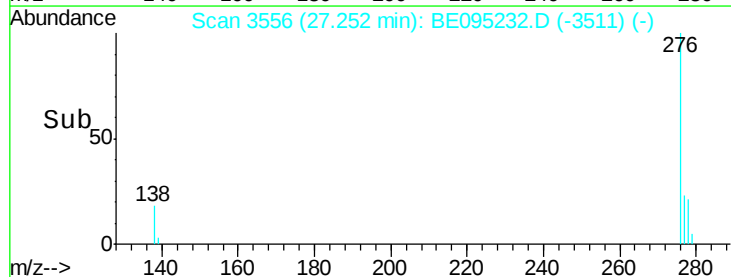
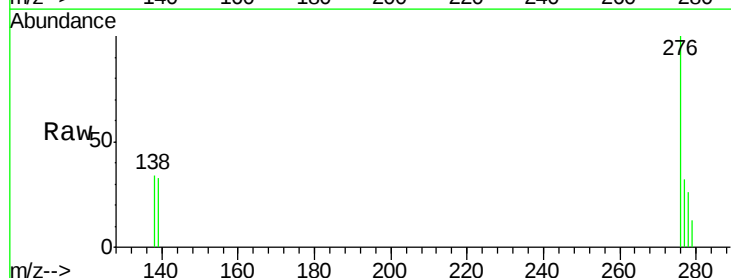
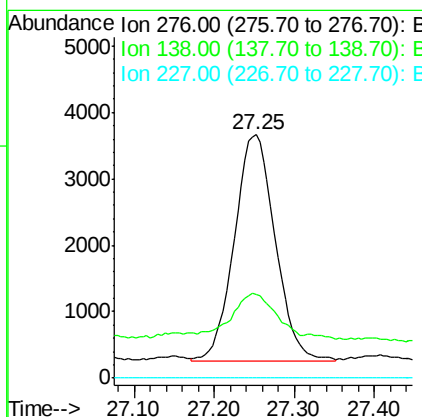
RT: 27.25 min Scan# 3556

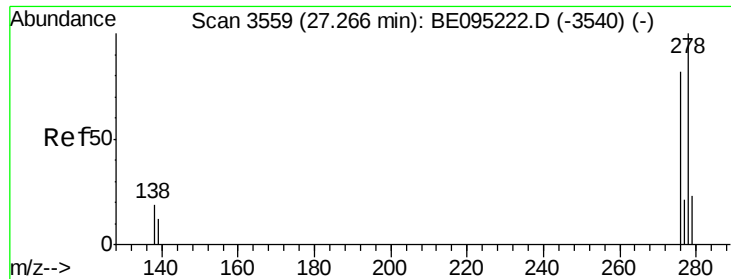
Delta R.T. 0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Tgt Ion:	276	Resp:	12001
Ion Ratio	Lower	Upper	
276	100		
138	1.0	28.0	42.0#
227	0.0	8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.127 ng/ul m

RT: 27.26 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA_E

ClientSampleId :

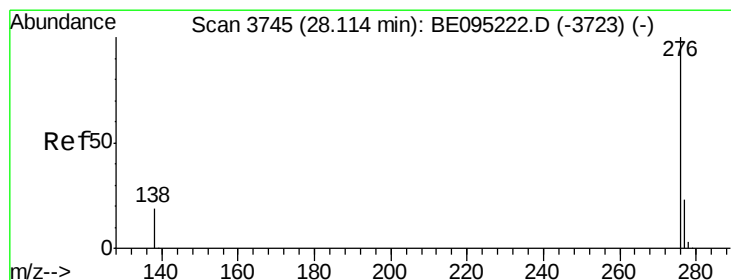
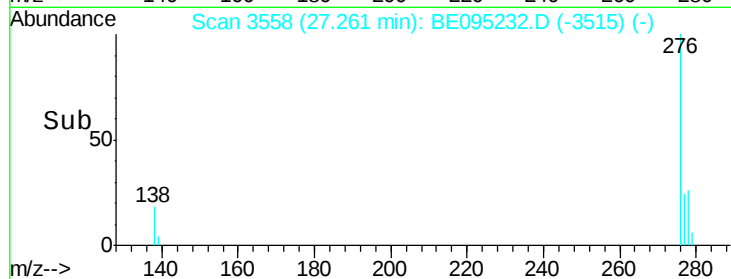
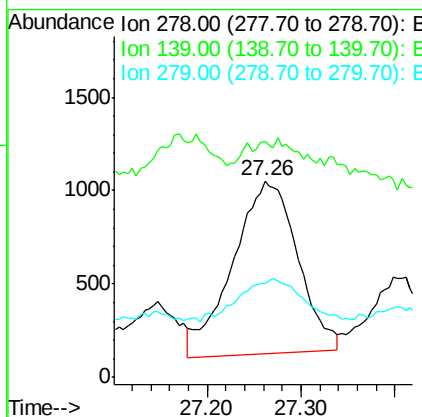
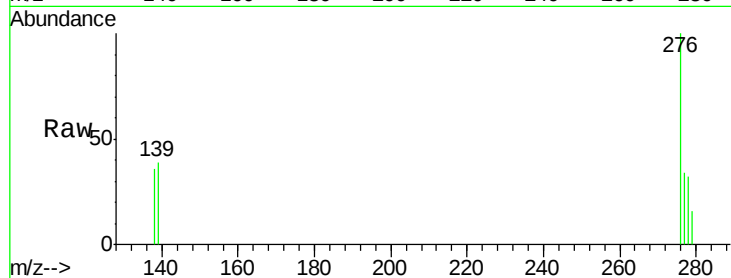
F6B01

Tot Ion	Ratio	Lower	Upper
278	100		
139	120.0	17.4	26.0#
279	48.0	25.9	38.9#

Manual Integrations
APPROVED

Sohil

1/29/2018 6:26:14 PM



#26

Benzo(g,h,i)perylene

Concen: 0.268 ng/ul m

RT: 28.13 min Scan# 3748

Delta R.T. 0.01 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.3	21.8	32.8#
277	31.9	20.5	30.7#

