

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C14

Manual Integrations
 APPROVED

Sohil
 2/2/2018 4:42:52 PM

Quant Time: Feb 02 13:24:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2063	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6482	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4333	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8761m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8239	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7458m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4486	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11128	0.33	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	46986	2.589	ng/ul#	88
5) 2-Methylnaphthalene	12.88	142	12180	1.005	ng/ul	100
7) Acenaphthylene	14.75	152	3981	0.191	ng/ul	98
8) Acenaphthene	15.08	153	1649	0.102	ng/ul#	89
9) Fluorene	16.03	166	4383	0.263	ng/ul#	80
11) Pentachlorophenol	17.36	266	23537	13.871	ng/ul	97
12) Phenanthrene	17.75	178	115571	3.922	ng/ul#	89
13) Anthracene	17.85	178	3110	0.115	ng/ul	94
15) Fluoranthene	19.72	202	39178	1.027	ng/ul	83
17) Pyrene	20.08	202	31084	1.124	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	9917	0.385	ng/ul#	86
19) Chrysene	21.84	228	29480	1.102	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	22698m	0.863	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	5772m	0.240	ng/ul	
23) Benzo(a)pyrene	24.32	252	12812m	0.545	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	17018m	0.660	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	3683m	0.175	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	15529m	0.712	ng/ul	

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

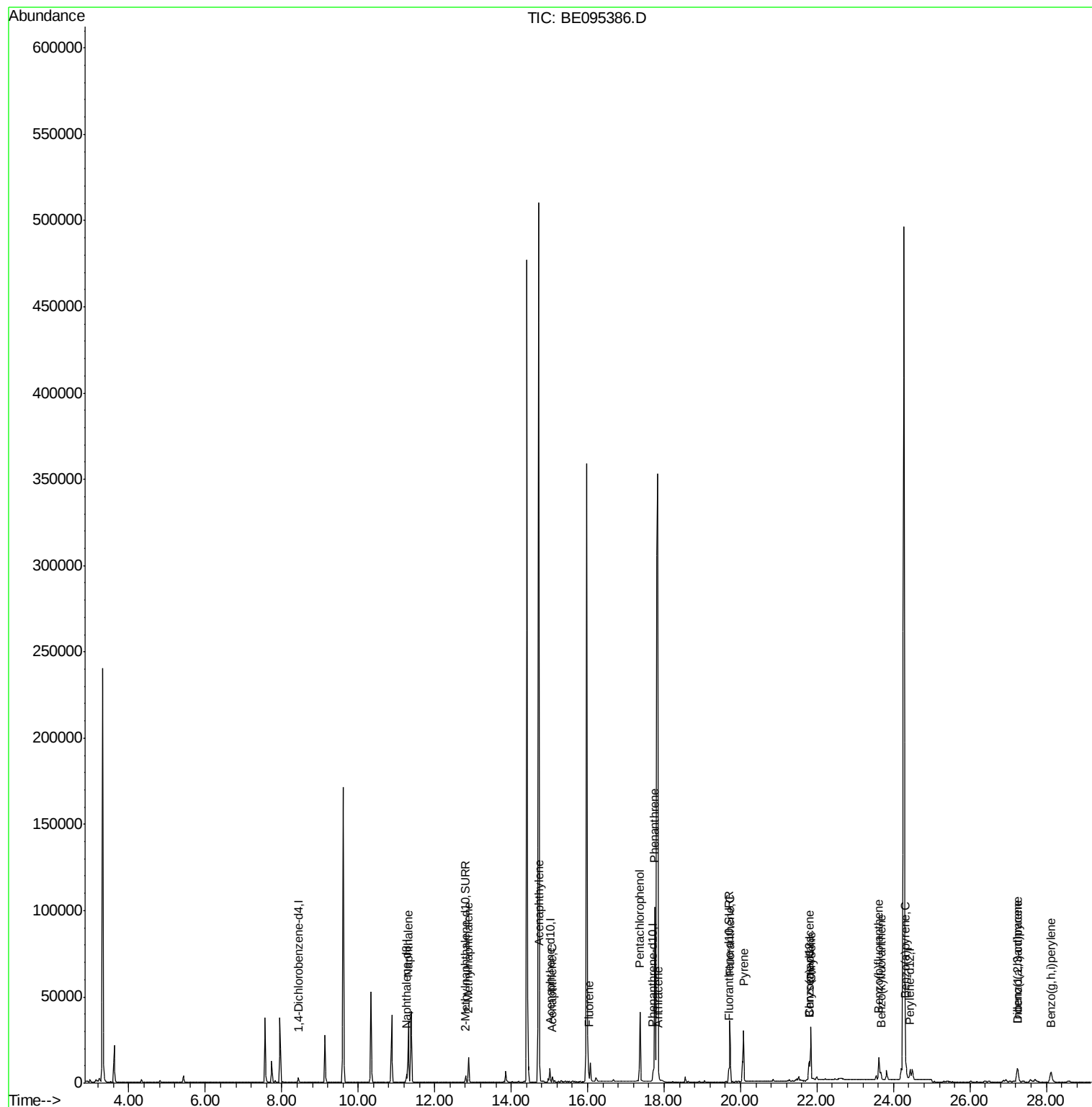
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
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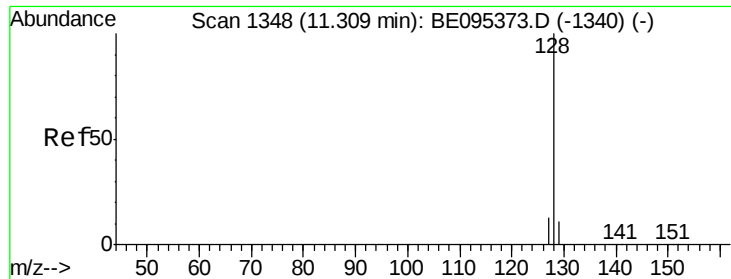
Instrument :
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#3

Naphthalene

Concen: 2.589 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Instrument :

BNA_E

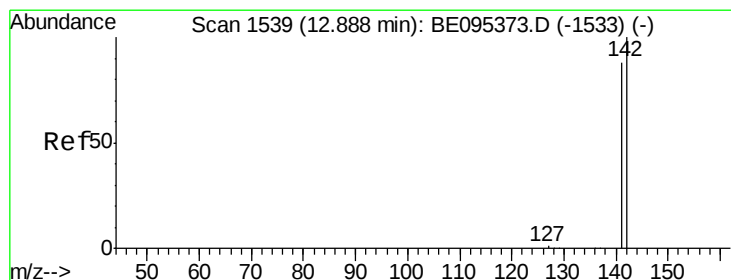
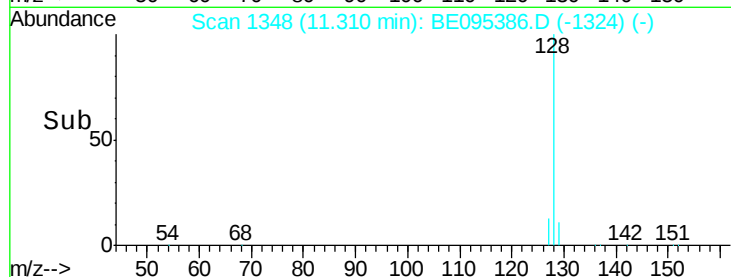
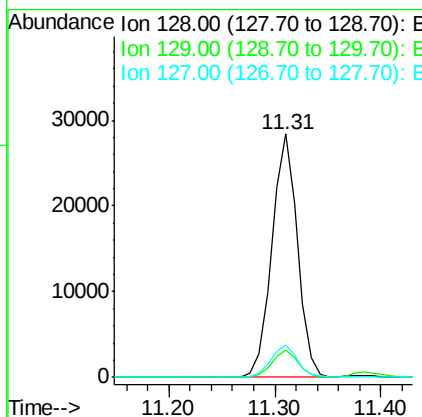
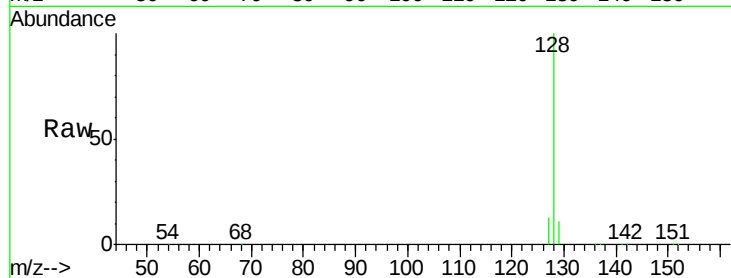
ClientSampleId :

F6C14

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.3	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 1.005 ng/ul

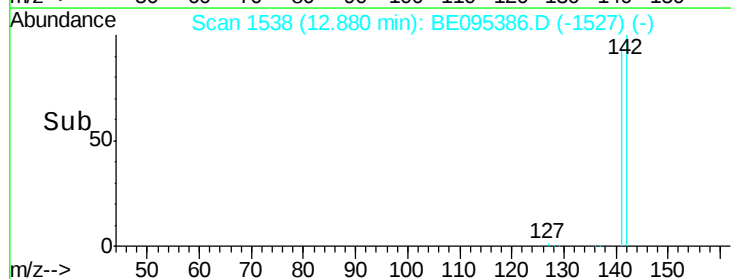
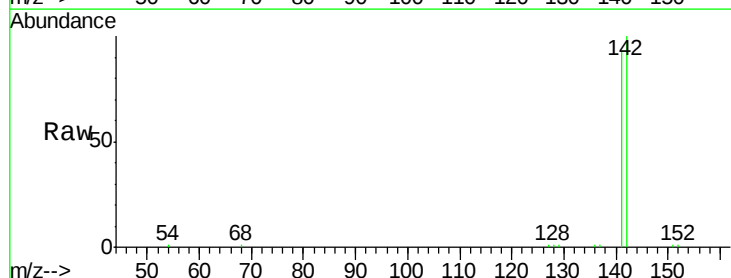
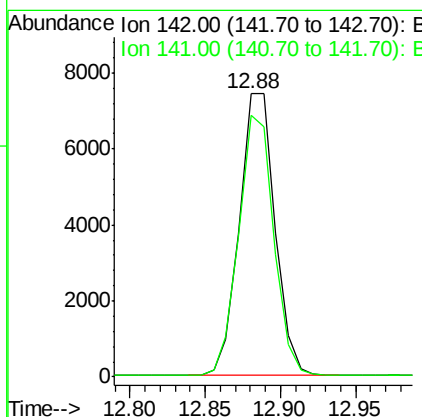
RT: 12.88 min Scan# 1538

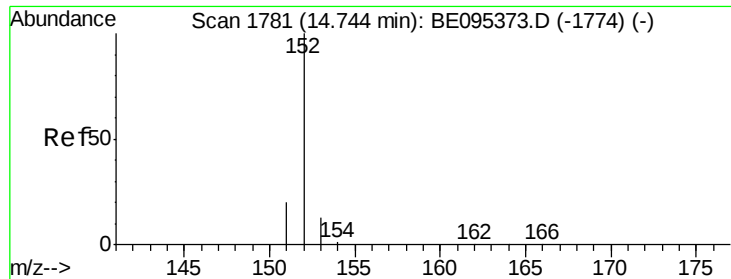
Delta R.T. -0.01 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.191 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Instrument :

BNA_E

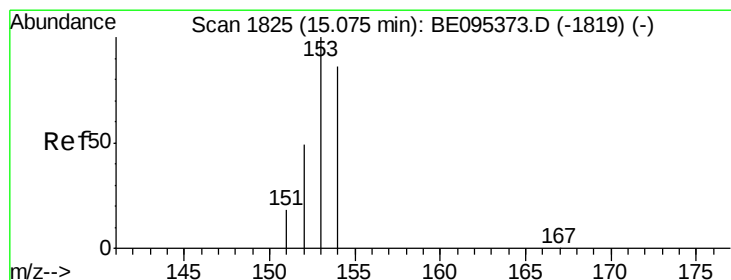
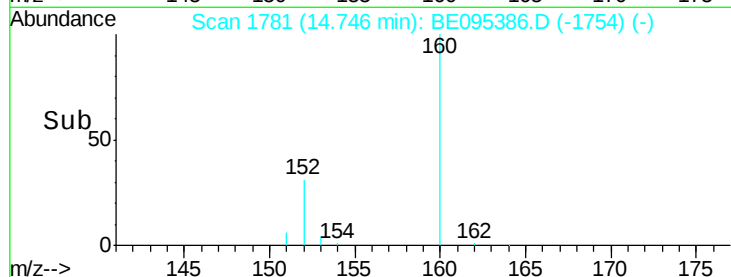
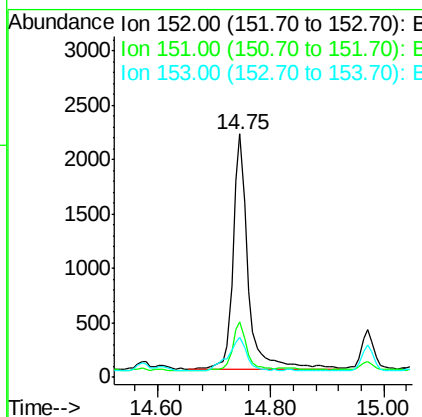
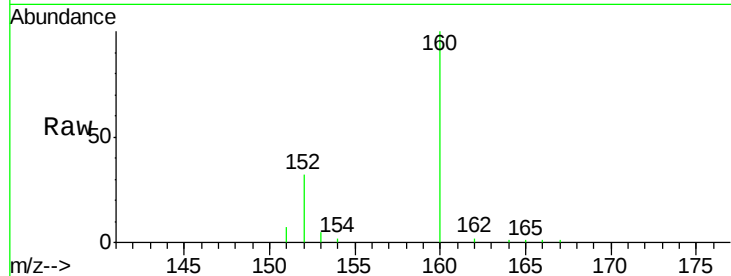
ClientSampled :

F6C14

Tot Ion:	152	Resp:	3981
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	16.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.102 ng/ul

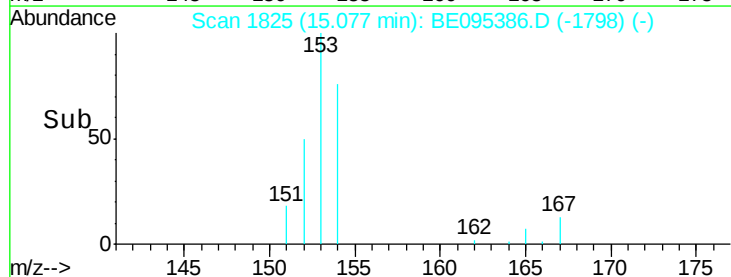
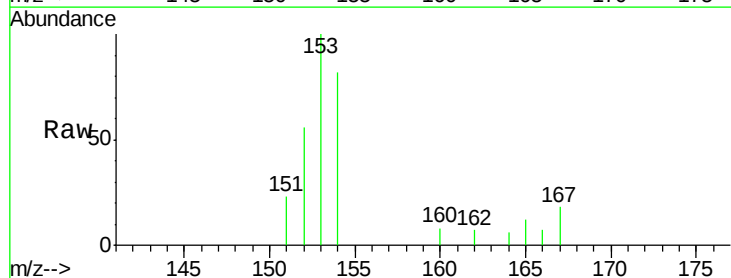
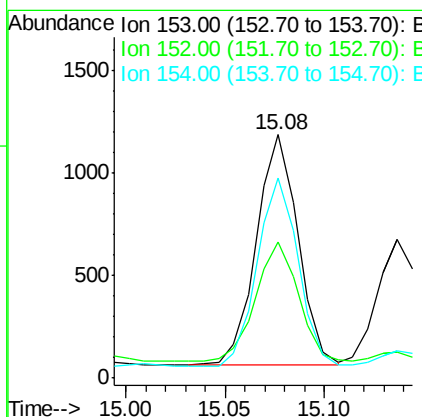
RT: 15.08 min Scan# 1825

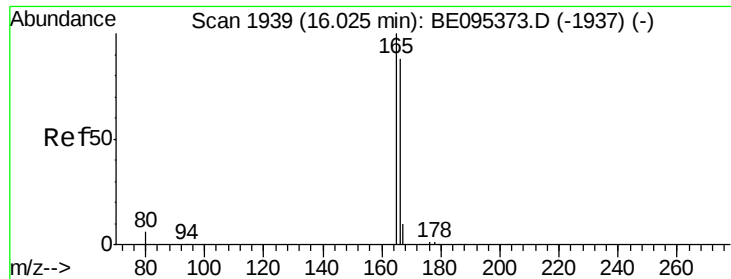
Delta R.T. 0.00 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Tgt Ion:	153	Resp:	1649
Ion Ratio	Lower	Upper	
153	100		
152	55.7	36.0	54.0#
154	82.0	72.0	108.0





#9

Fluorene

Concen: 0.263 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Instrument :

BNA_E

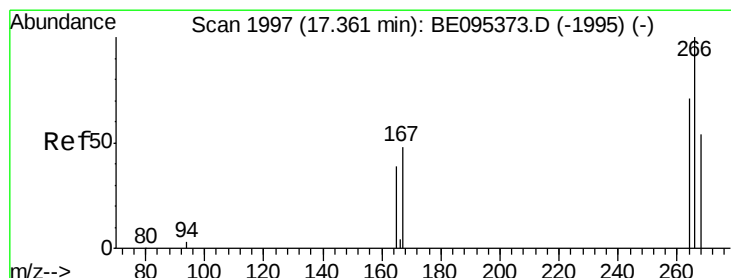
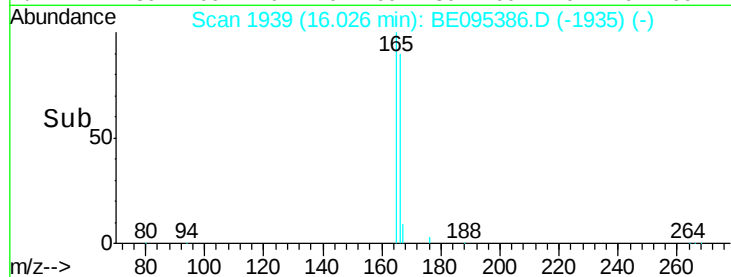
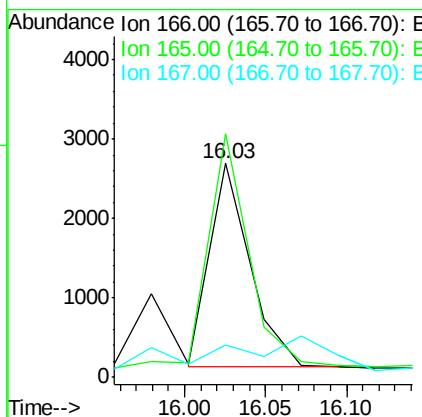
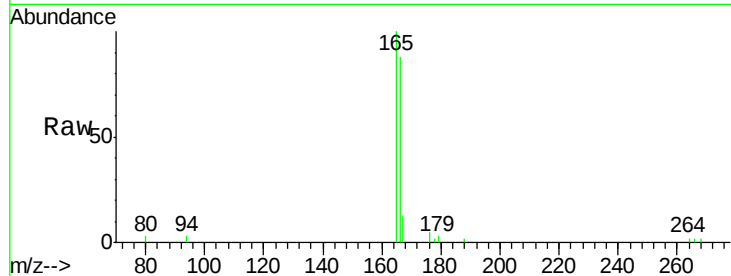
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	113.7	73.4	110.2#
167	15.0	14.6	22.0

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#11

Pentachlorophenol

Concen: 13.871 ng/ul

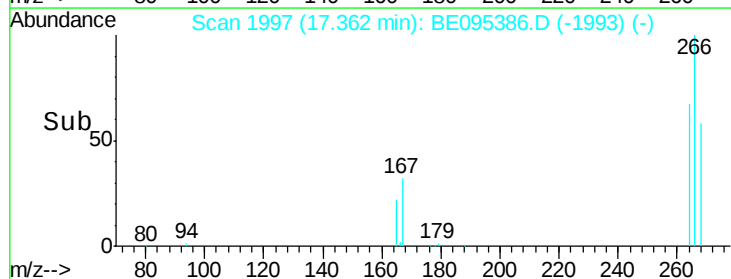
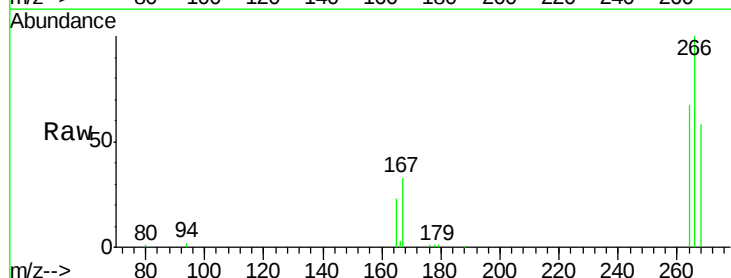
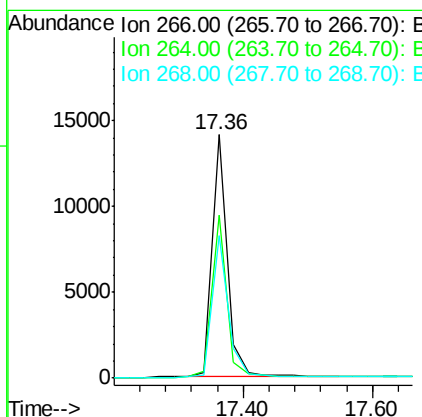
RT: 17.36 min Scan# 1997

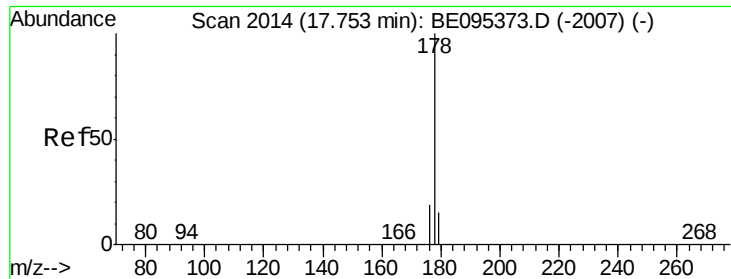
Delta R.T. 0.00 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.3	47.9	71.9
268	61.6	49.8	74.8





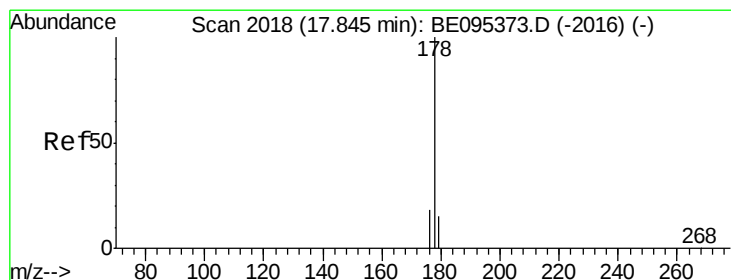
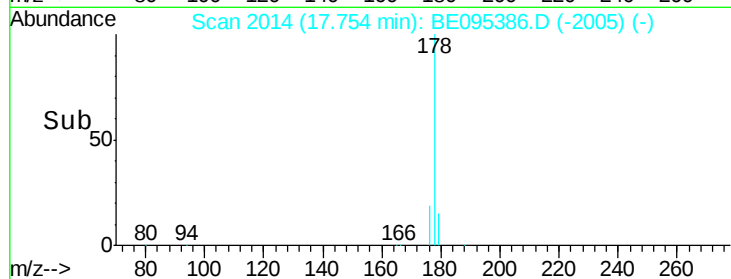
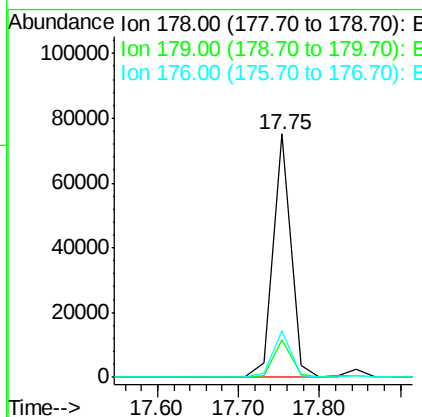
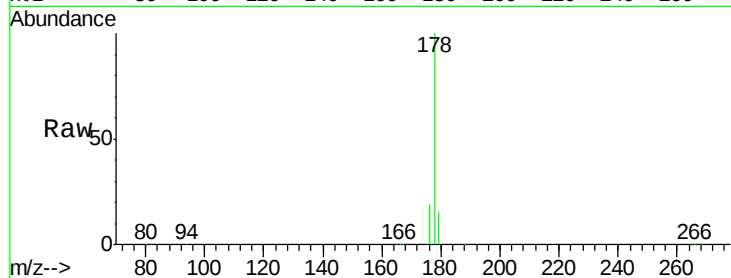
#12
Phenanthrene
Concen: 3.922 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Instrument :
BNA_E
ClientSampleId :
F6C14

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.2	13.6	20.4

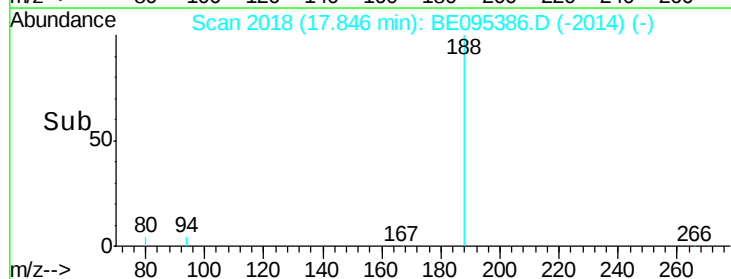
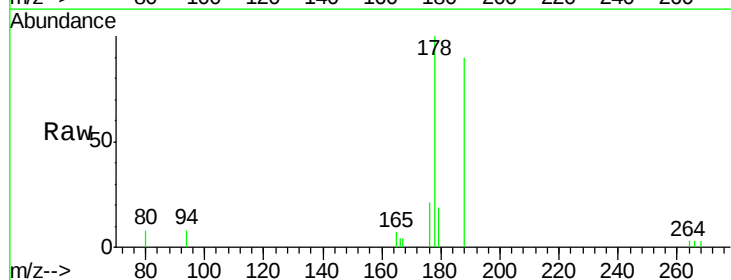
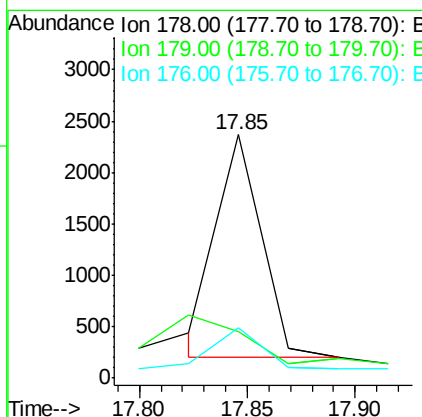
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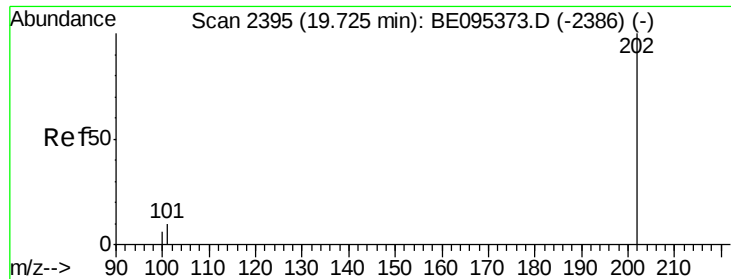
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#13
Anthracene
Concen: 0.115 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	18.1	27.1
176	20.6	14.7	22.1





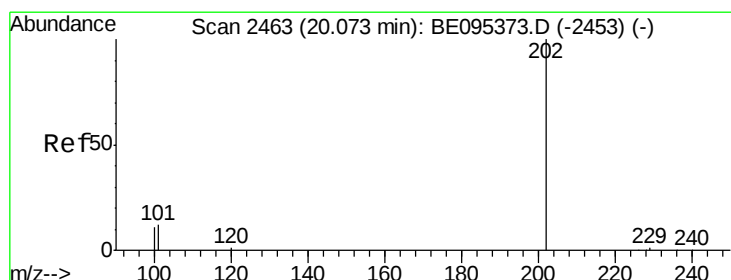
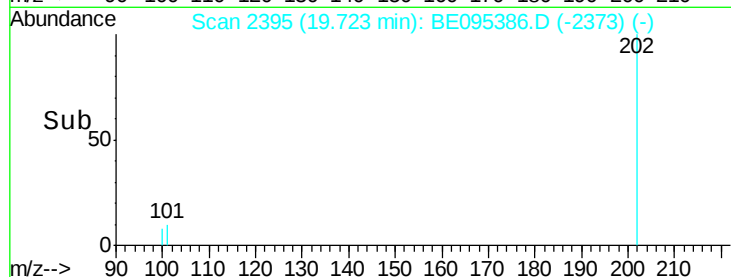
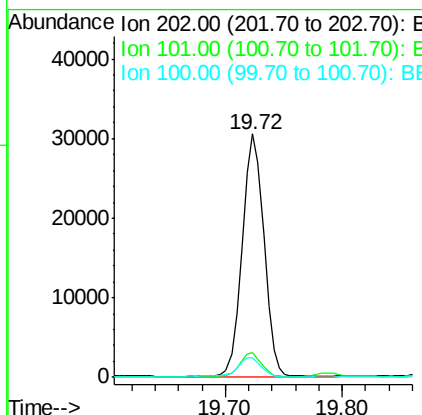
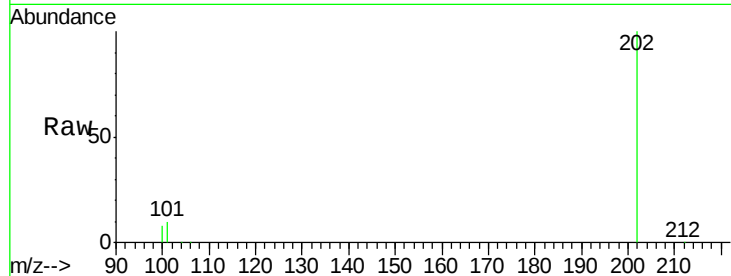
#15
Fluoranthene
 Concen: 1.027 ng/ul
 RT: 19.72 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BE095386.D
 Acq: 2 Feb 2018 8:27

Instrument :
 BNA_E
 ClientSampleId :
 F6C14

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.3
100	8.2	0.0	39.5

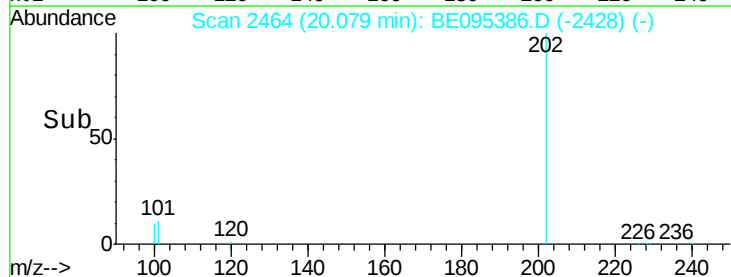
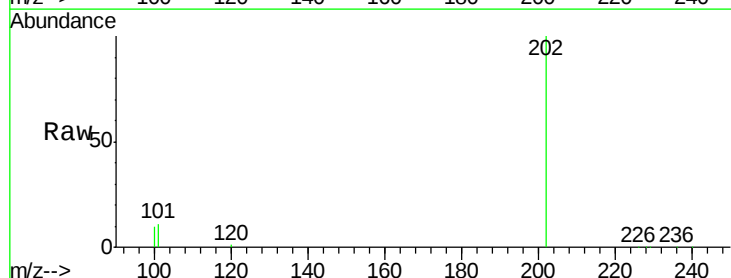
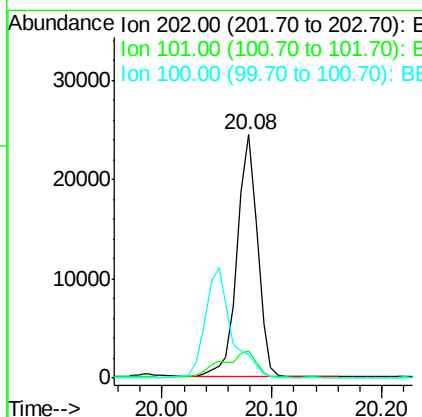
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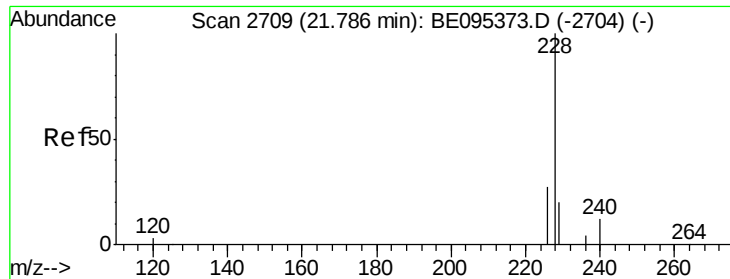
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#17
Pyrene
 Concen: 1.124 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.01 min
 Lab File: BE095386.D
 Acq: 2 Feb 2018 8:27

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	18.2	27.4#
100	9.8	15.6	23.4#





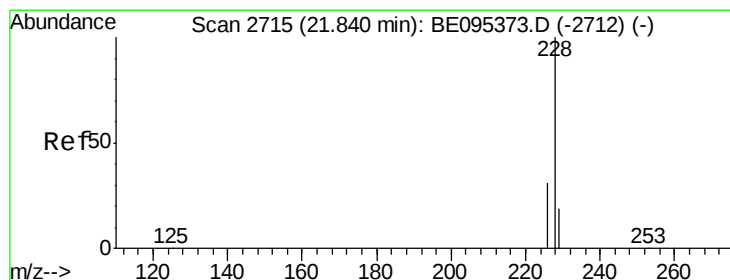
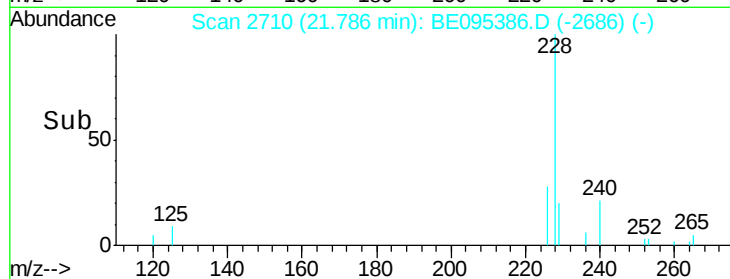
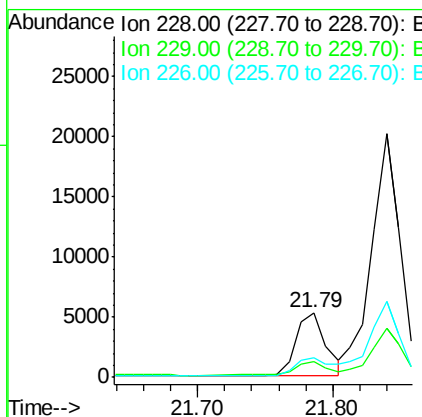
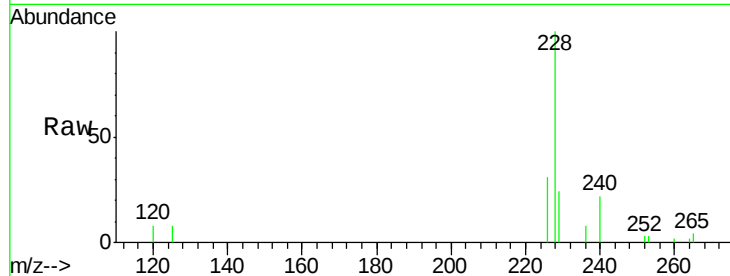
#18
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Instrument :
BNA_E
ClientSampled :
F6C14

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.9	22.8	34.2
226	30.8	17.0	25.6

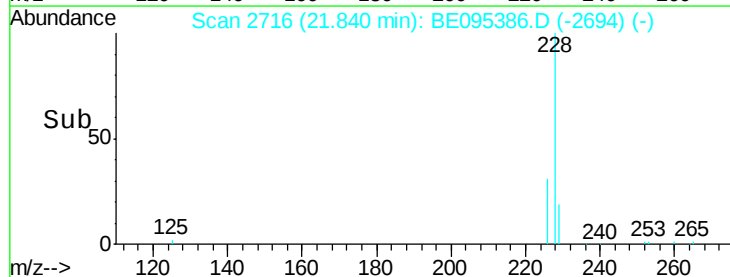
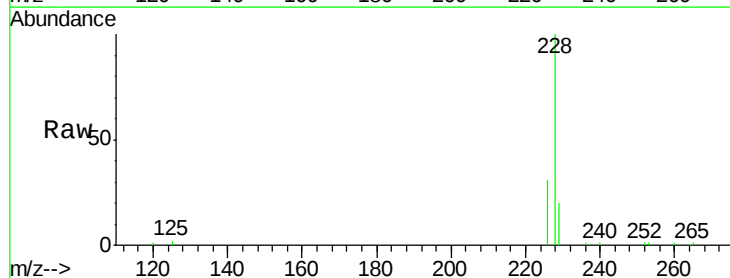
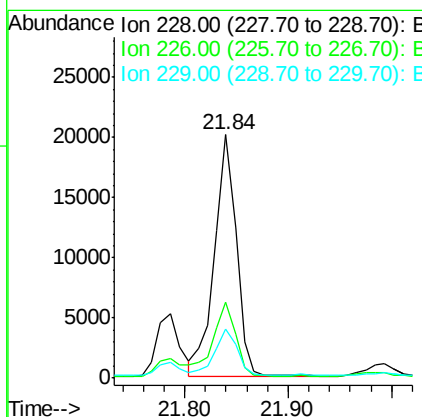
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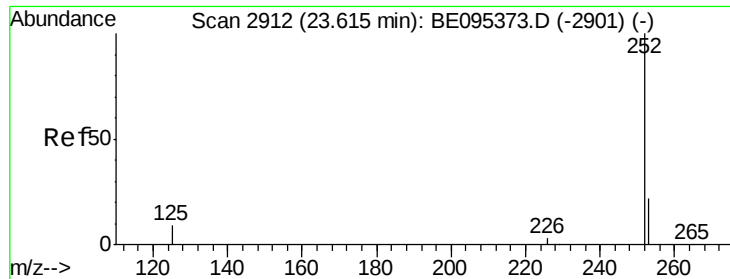
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#19
Chrysene
Concen: 1.102 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	20.3	17.7	26.5





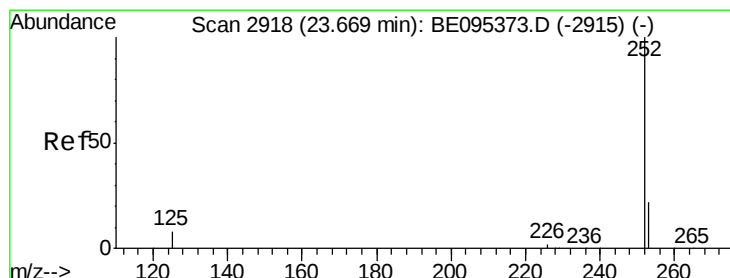
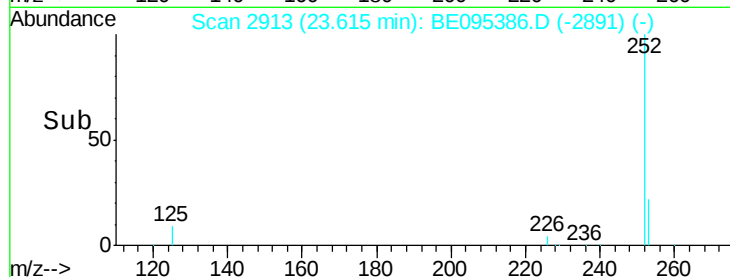
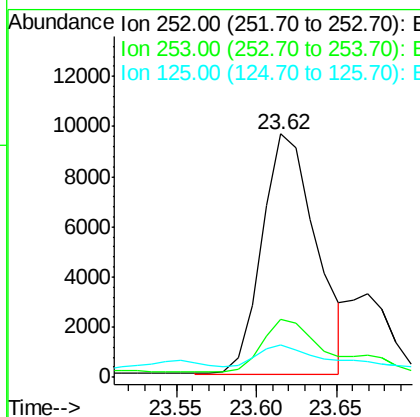
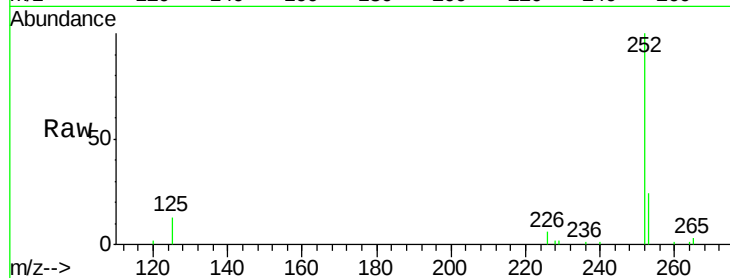
#21
Benzo(b)fluoranthene
Concen: 0.863 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Instrument :
BNA_E
ClientSampleId :
F6C14

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	0.0	64.2
125	13.1	0.0	35.0

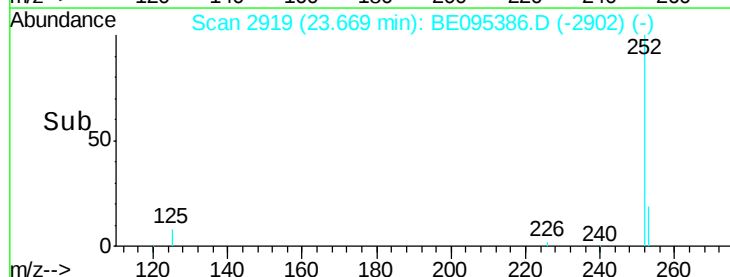
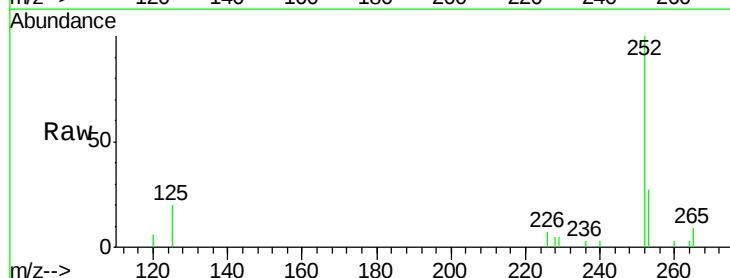
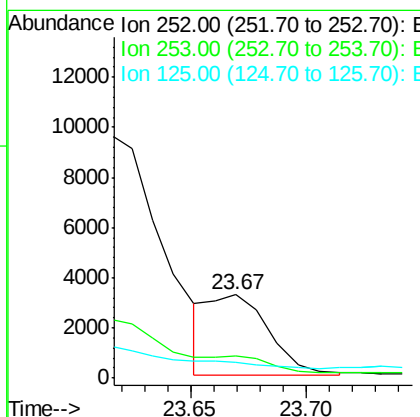
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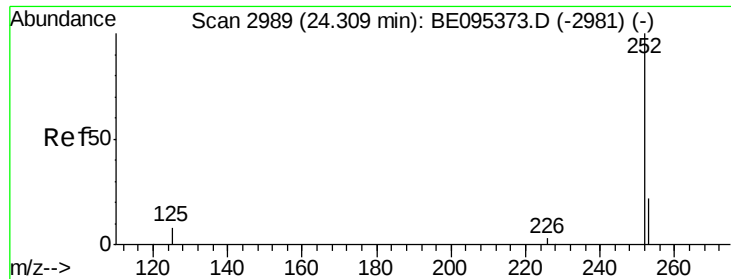
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#22
Benzo(k)fluoranthene
Concen: 0.240 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.8	24.5	36.7
125	19.7	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.545 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Instrument :

BNA_E

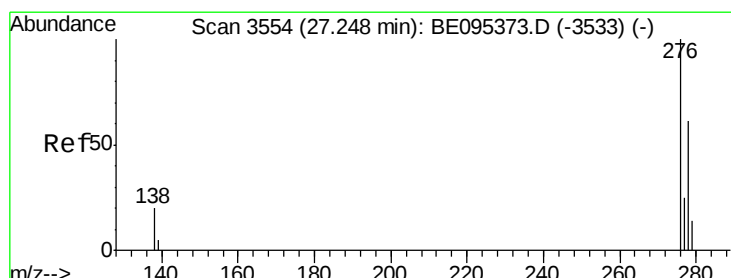
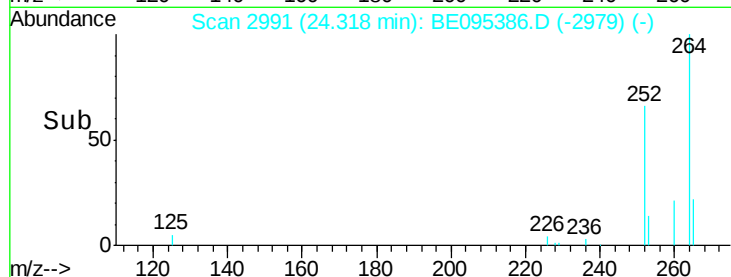
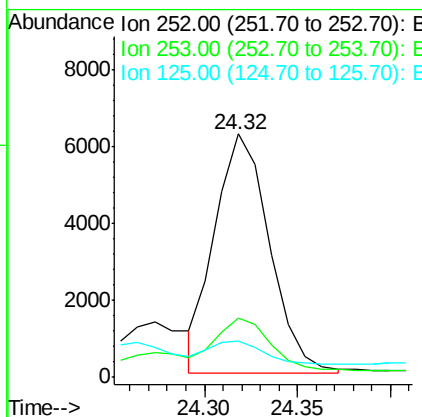
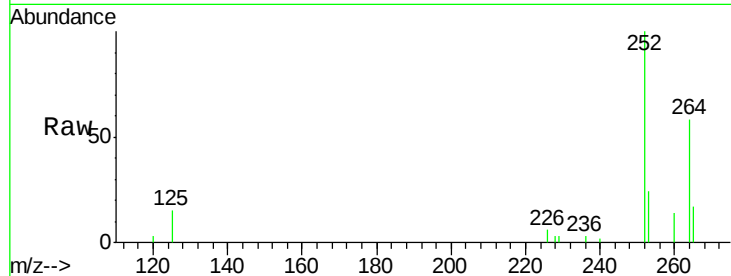
ClientSampleId :

F6C14

Tot Ion:	252	Resp:	12812
Ion Ratio	Lower	Upper	
252	100		
253	24.3	28.5	42.7#
125	15.1	18.1	27.1#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.660 ng/ul m

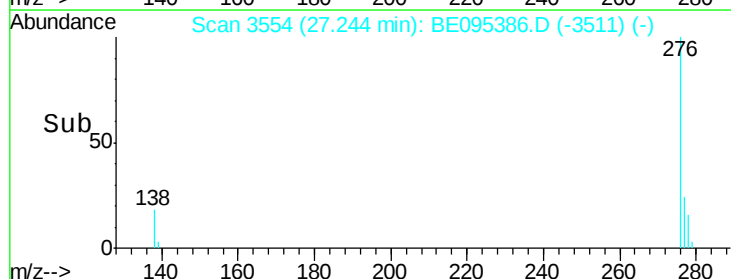
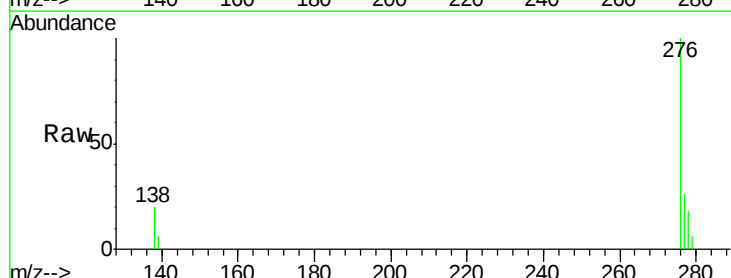
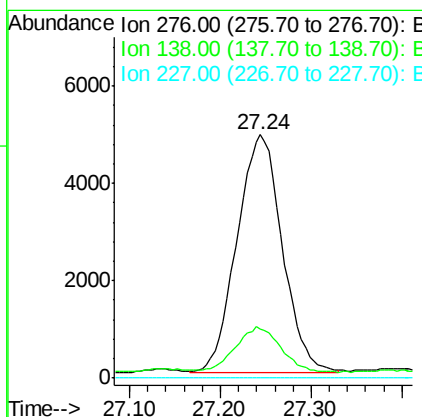
RT: 27.24 min Scan# 3554

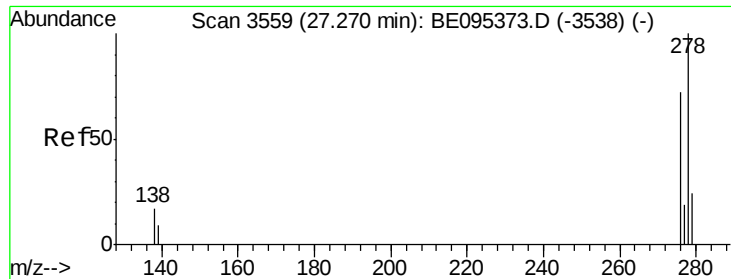
Delta R.T. -0.00 min

Lab File: BE095386.D

Acq: 2 Feb 2018 8:27

Tgt Ion:	276	Resp:	17018
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#





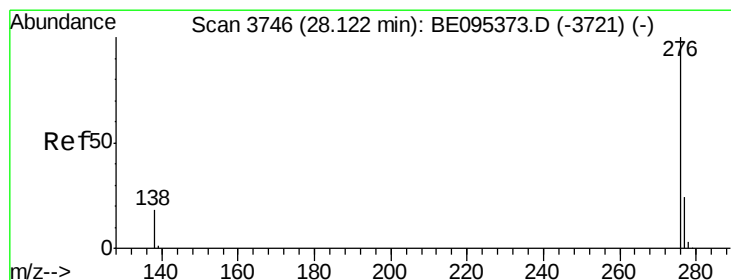
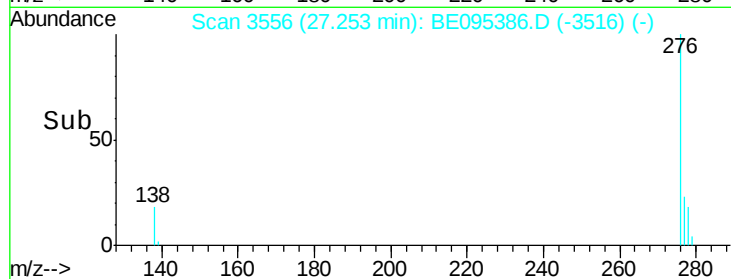
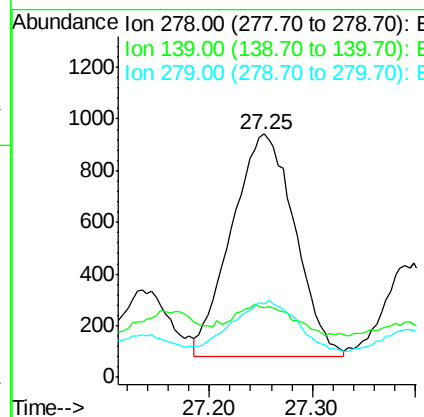
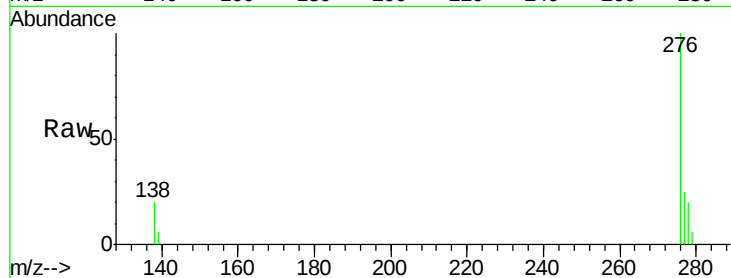
#25
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul m
RT: 27.25 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Instrument :
BNA_E
ClientSampleId :
F6C14

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.8	17.4	26.0#
279	30.0	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.712 ng/ul m
RT: 28.12 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BE095386.D
Acq: 2 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.8	32.8#
277	26.1	20.5	30.7

