

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B45

Manual Integrations
 APPROVED

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 1/31/2018 8:29:11 PM

Quant Time: Jan 31 15:42:27 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	3007	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9771	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6140	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	12371	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	12110	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11006m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4145	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10356	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	6546	0.239	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	3383	0.185	ng/ul	99
7) Acenaphthylene	14.75	152	15084	0.510	ng/ul	98
8) Acenaphthene	15.08	153	4893	0.213	ng/ul	94
9) Fluorene	16.03	166	3377	0.143	ng/ul#	78
11) Pentachlorophenol	17.36	266	48591	20.279	ng/ul	97
12) Phenanthrene	17.75	178	40466	0.973	ng/ul#	88
13) Anthracene	17.85	178	20183	0.530	ng/ul#	92
15) Fluoranthene	19.72	202	161045	2.989	ng/ul	84
17) Pyrene	20.08	202	149054	3.668	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	49133	1.298	ng/ul#	88
19) Chrysene	21.84	228	37742	0.960	ng/ul	92
21) Benzo(b)fluoranthene	23.62	252	70066m	1.804	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	18262m	0.514	ng/ul	
23) Benzo(a)pyrene	24.33	252	28104m	0.811	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.26	276	30874m	0.812	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	6629m	0.213	ng/ul	
26) Benzo(g,h,i)perylene	28.14	276	40856m	1.269	ng/ul	

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

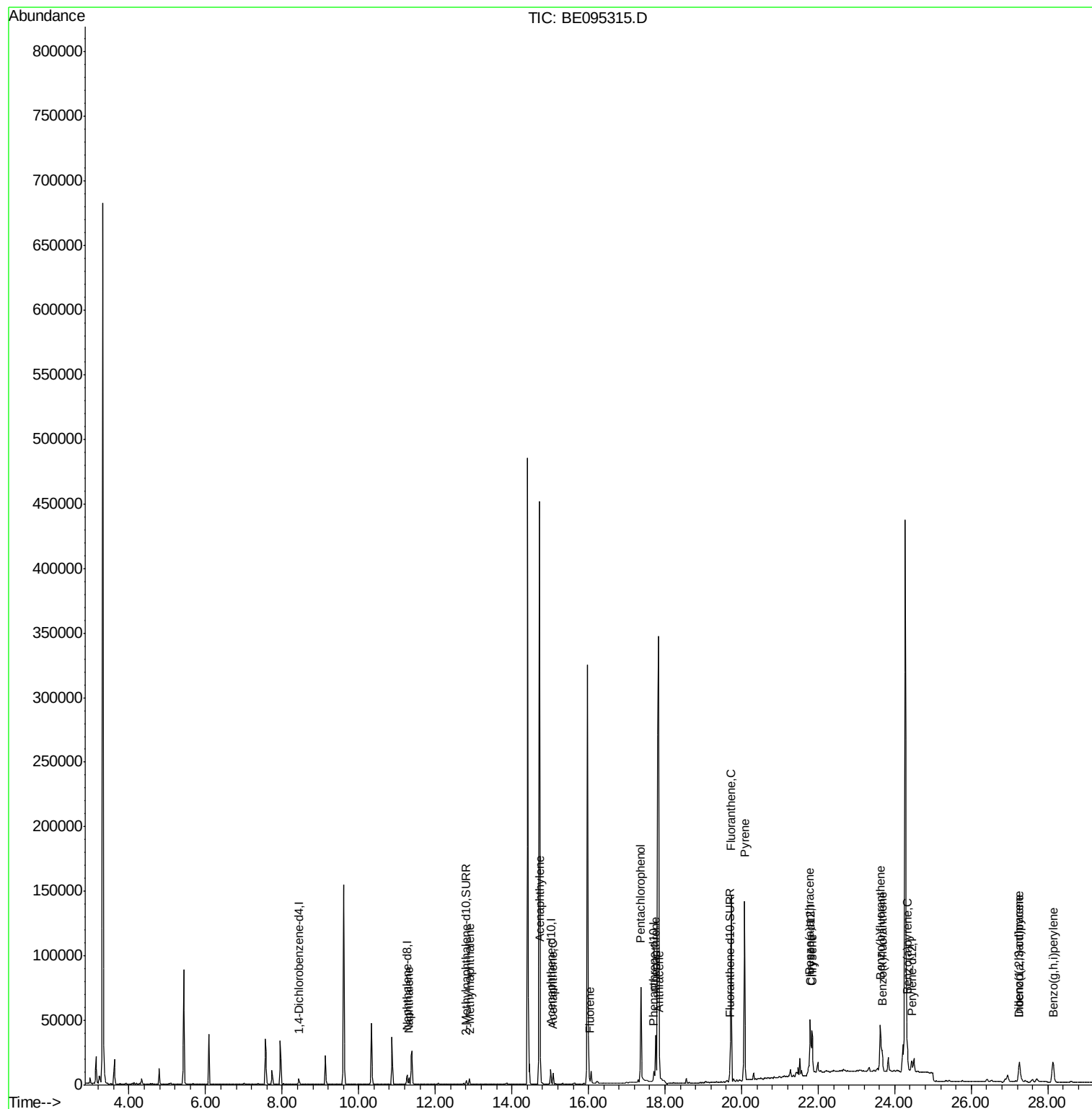
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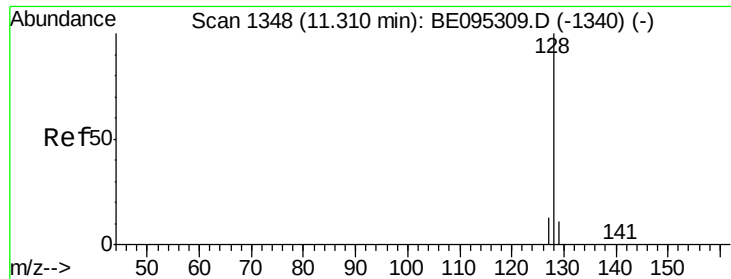
Instrument :
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F6B45

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#3

Naphthalene

Concen: 0.239 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

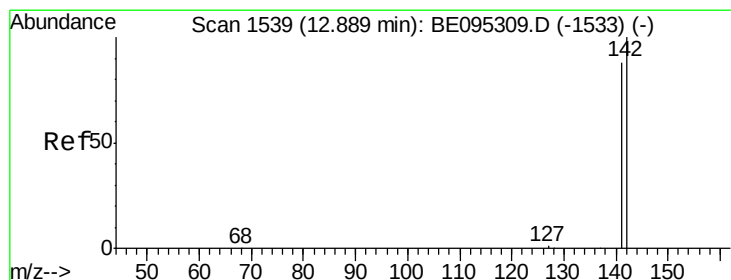
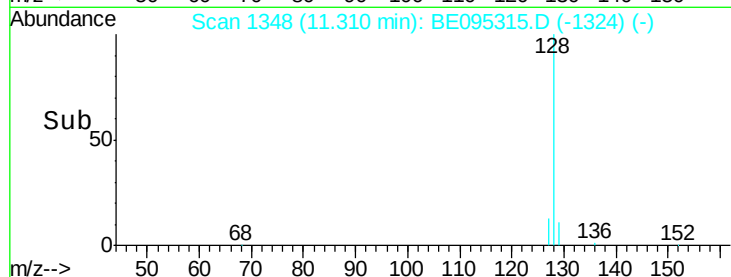
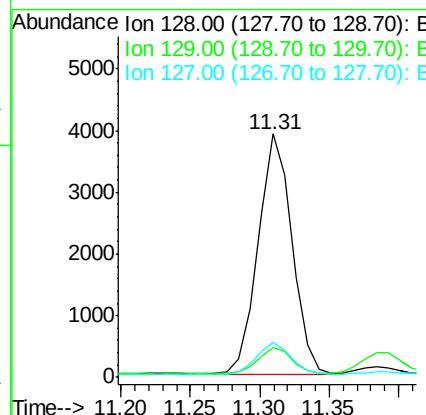
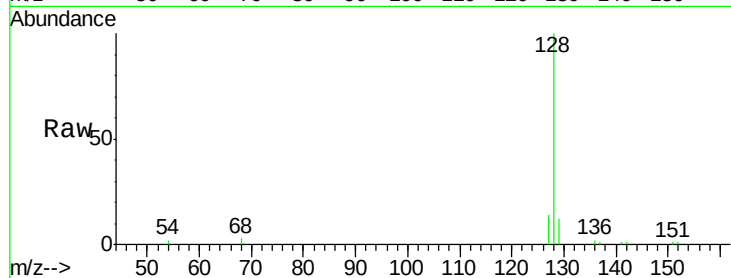
ClientSampled :

F6B45

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.3	16.9
127	14.3	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.185 ng/ul

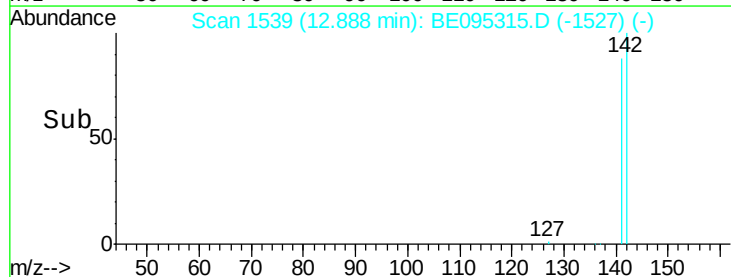
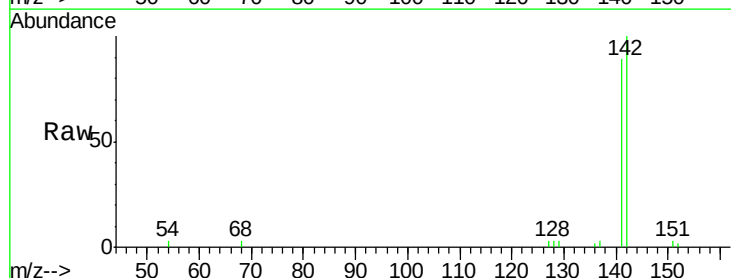
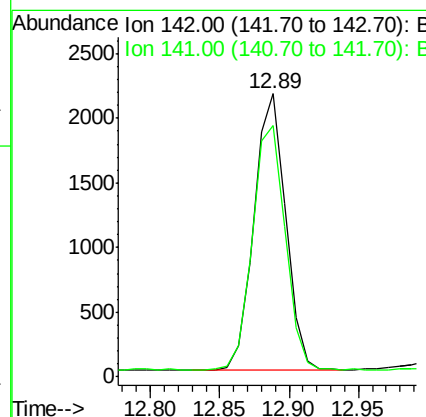
RT: 12.89 min Scan# 1539

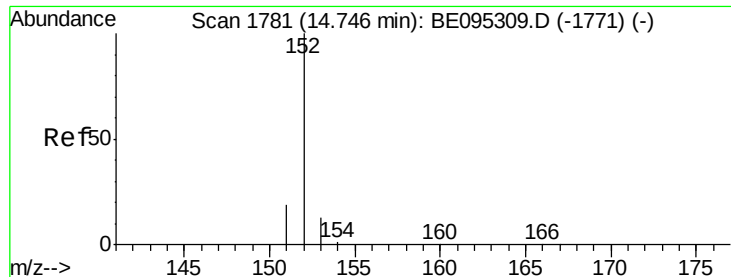
Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.510 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

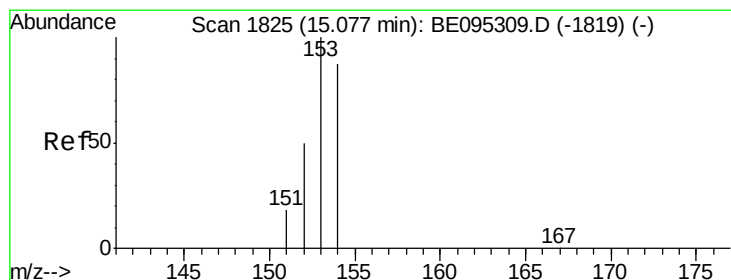
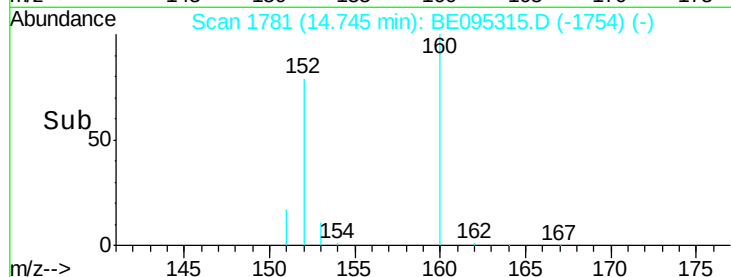
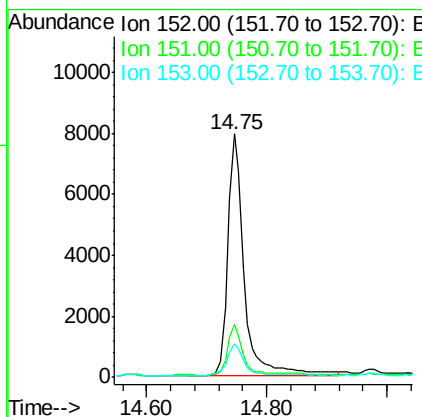
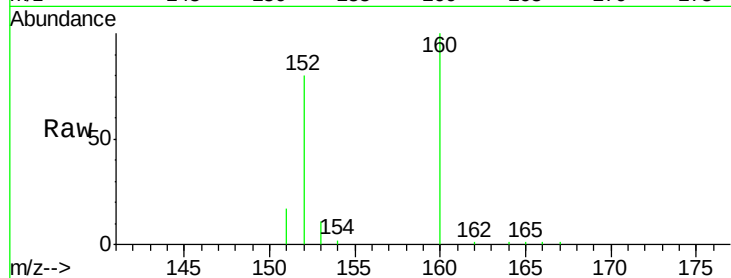
ClientSampled :

F6B45

Tot Ion:	152	Resp:	15084
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	14.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.213 ng/ul

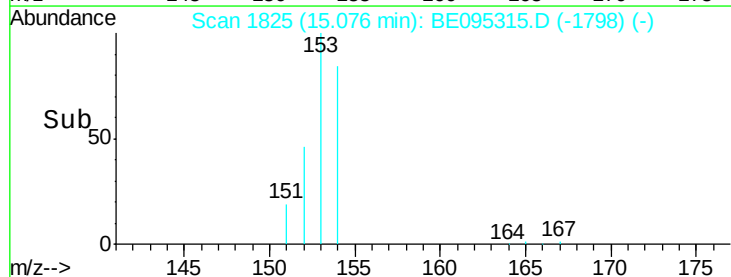
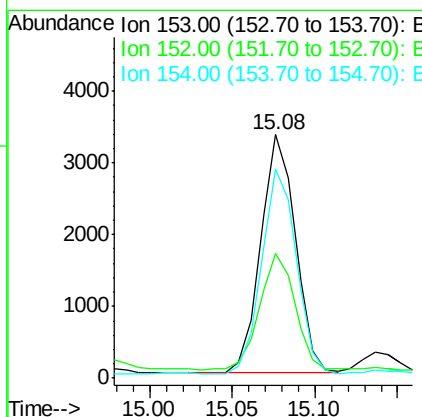
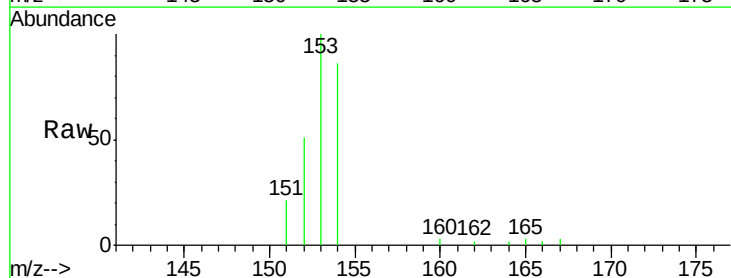
RT: 15.08 min Scan# 1825

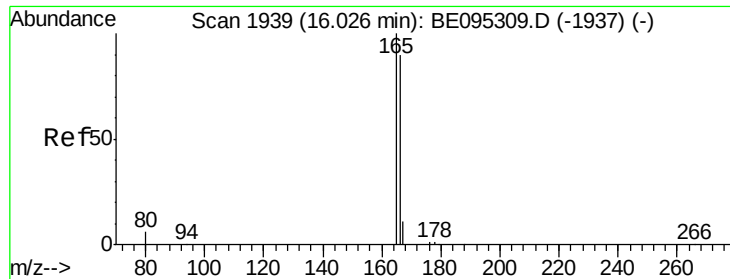
Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Tgt Ion:	153	Resp:	4893
Ion Ratio	Lower	Upper	
153	100		
152	51.1	36.0	54.0
154	86.1	72.0	108.0





#9

Fluorene

Concen: 0.143 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

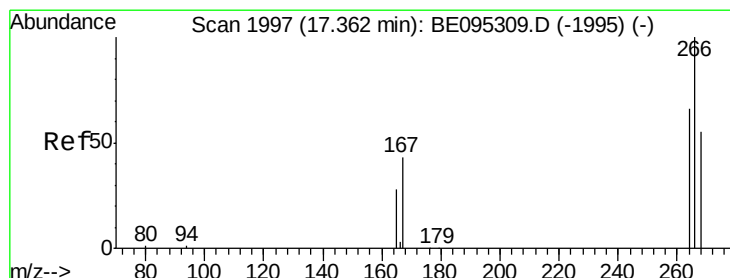
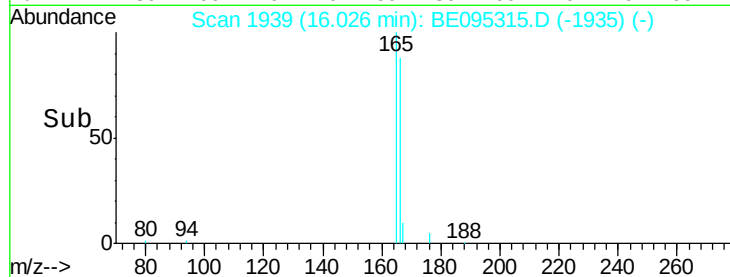
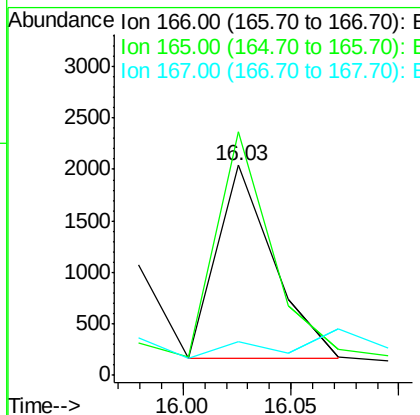
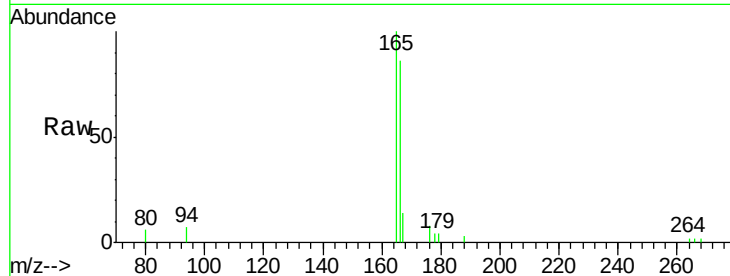
ClientSampleId :

F6B45

Tot Ion	Ratio	Lower	Upper
166	100		
165	115.9	73.4	110.2#
167	15.8	14.6	22.0

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#11

Pentachlorophenol

Concen: 20.279 ng/ul

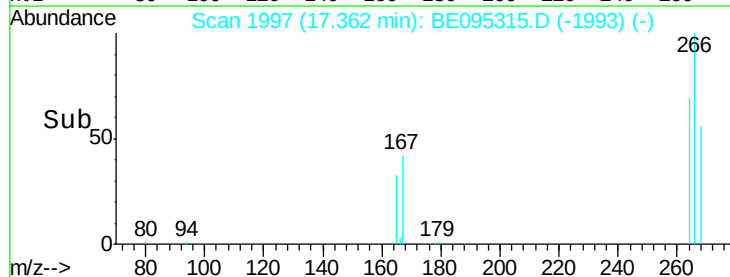
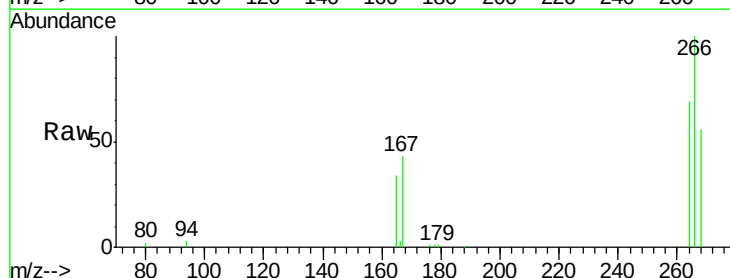
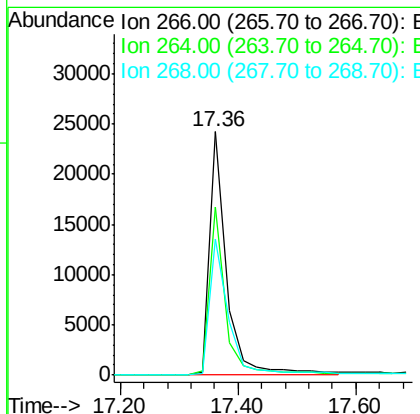
RT: 17.36 min Scan# 1997

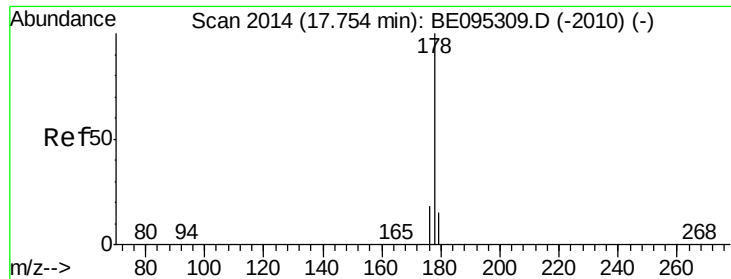
Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.8	47.9	71.9
268	61.8	49.8	74.8





#12

Phenanthrene

Concen: 0.973 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

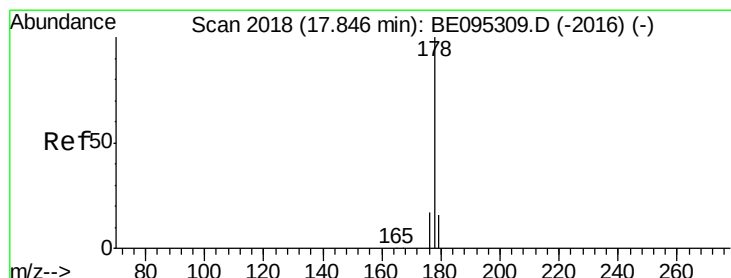
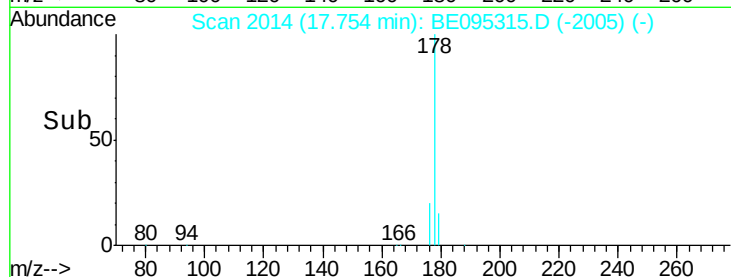
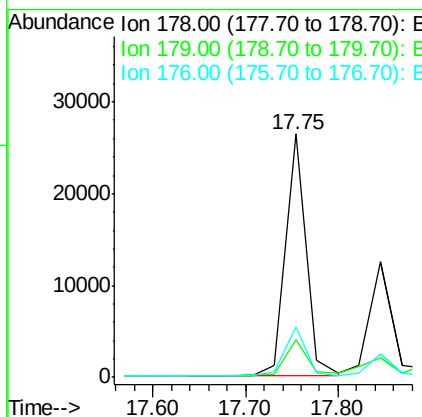
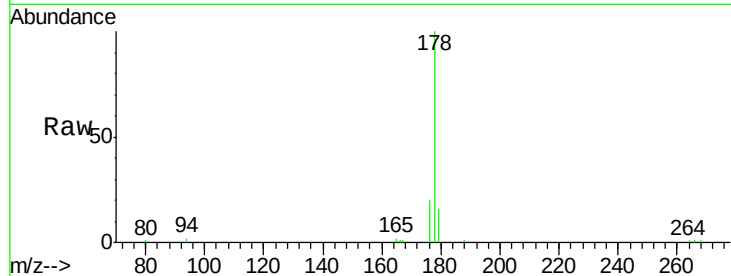
ClientSampleId :

F6B45

Tot Ion:178	Resp:	40466
Ion Ratio	Lower	Upper
178	100	
179	15.6	18.4 27.6#
176	20.4	13.6 20.4#

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#13

Anthracene

Concen: 0.530 ng/ul

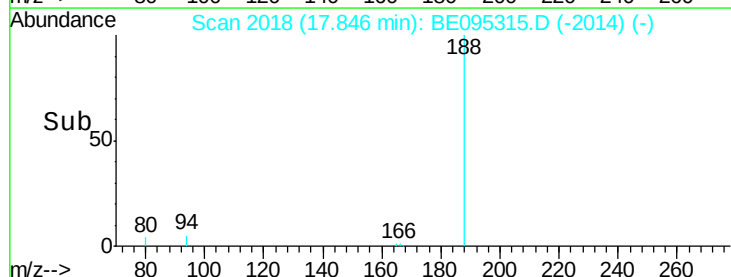
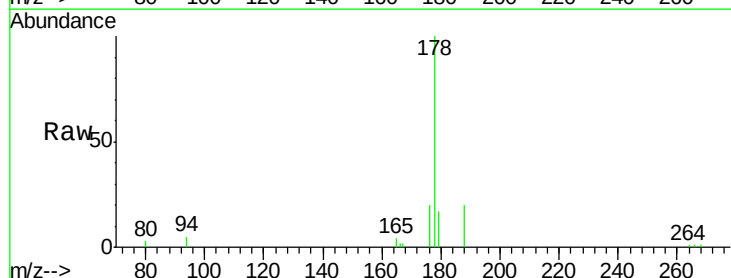
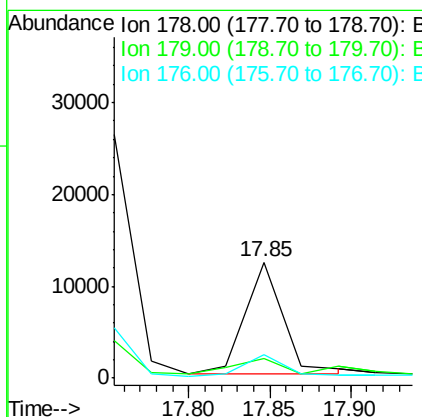
RT: 17.85 min Scan# 2018

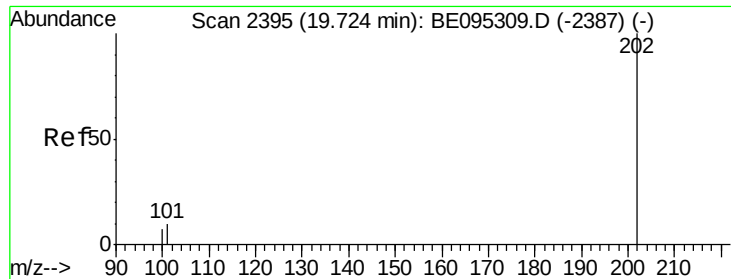
Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Tgt Ion:178	Resp:	20183
Ion Ratio	Lower	Upper
178	100	
179	17.1	18.1 27.1#
176	20.0	14.7 22.1





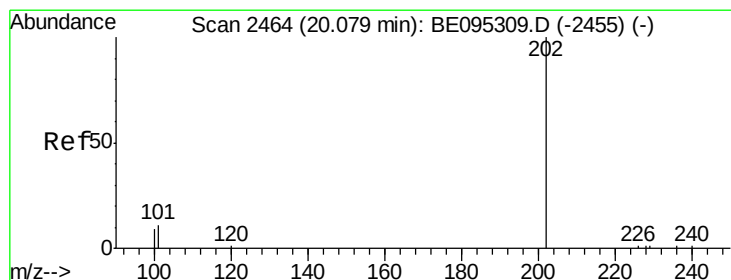
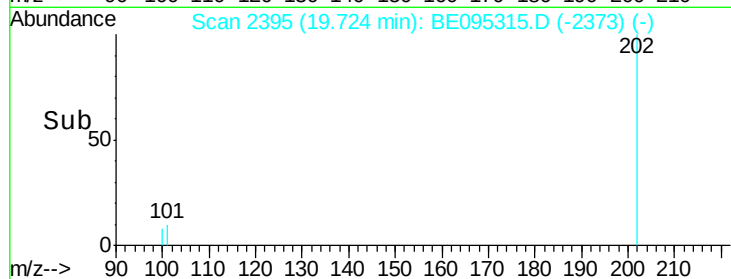
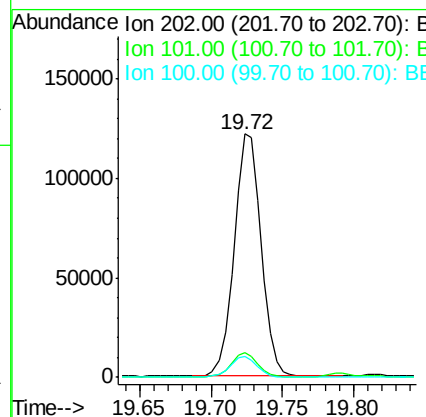
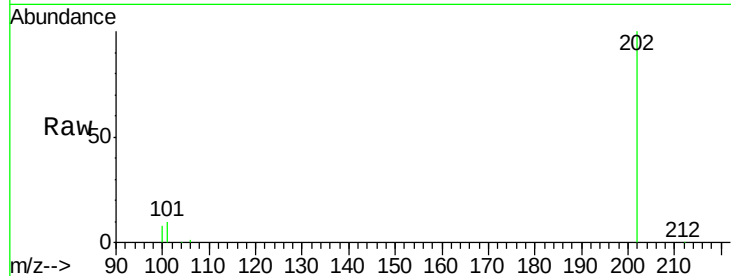
#15
Fluoranthene
Concen: 2.989 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095315.D
Acq: 31 Jan 2018 13:47

Instrument :
BNA_E
ClientSampleId :
F6B45

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.4	0.0	39.5

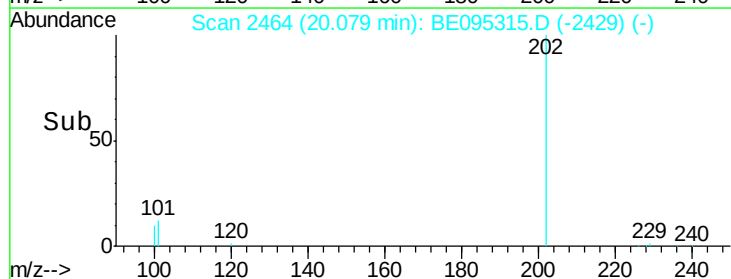
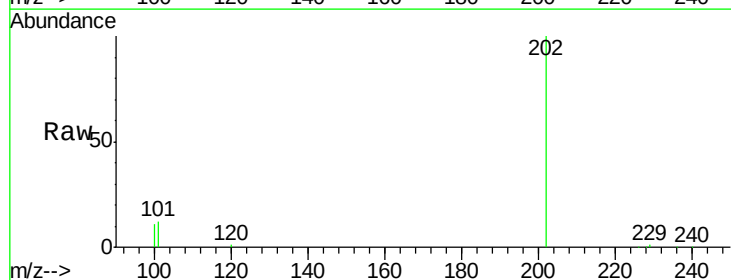
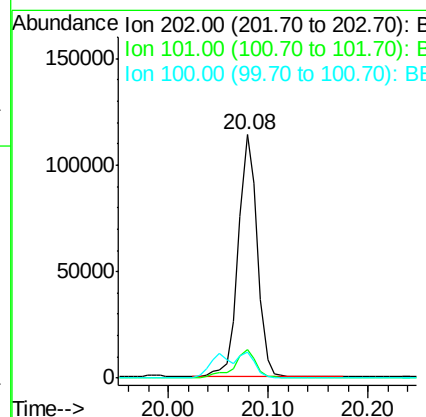
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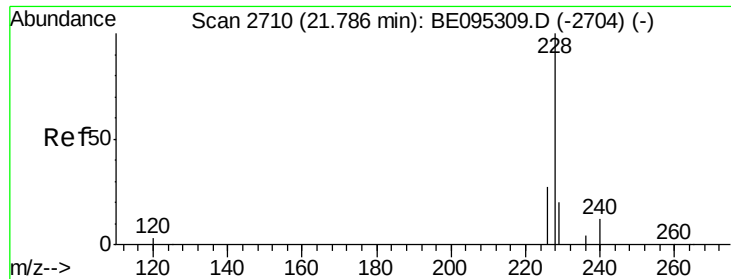
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#17
Pyrene
Concen: 3.668 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BE095315.D
Acq: 31 Jan 2018 13:47

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	18.2	27.4#
100	10.5	15.6	23.4#





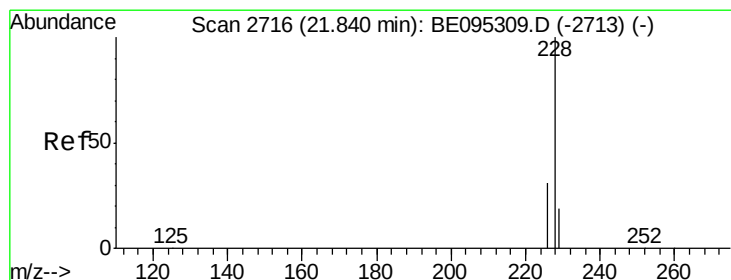
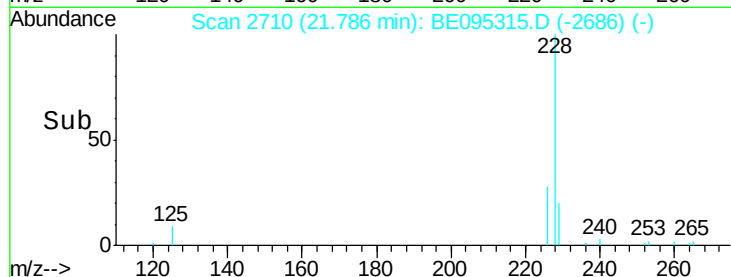
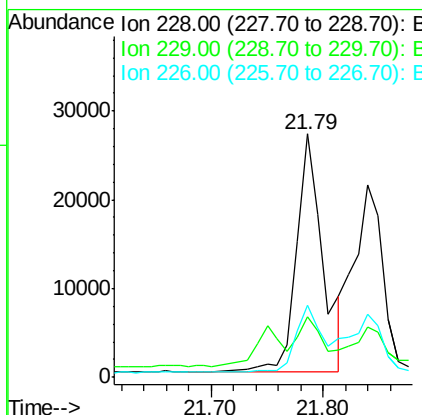
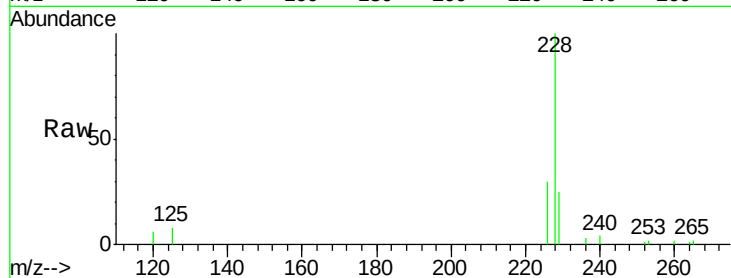
#18
Benzo(a)anthracene
Concen: 1.298 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095315.D
Acq: 31 Jan 2018 13:47

Instrument :
BNA_E
ClientSampleId :
F6B45

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.7	22.8	34.2
226	29.8	17.0	25.6

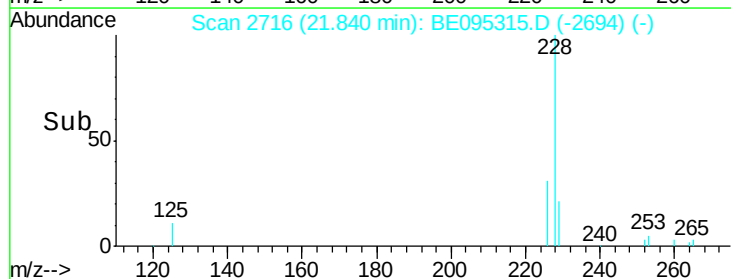
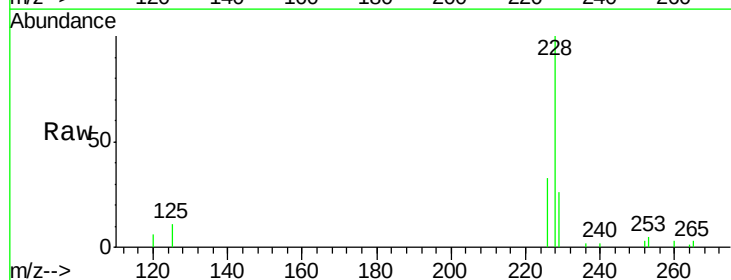
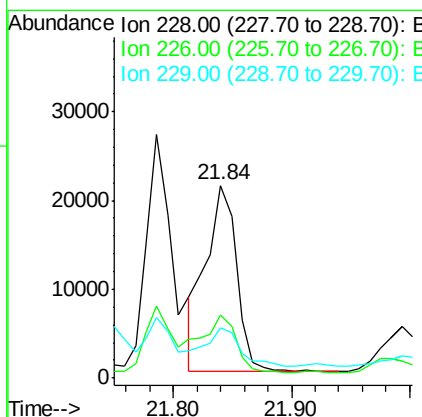
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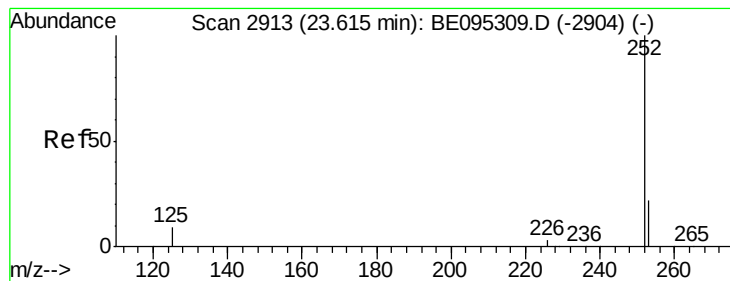
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#19
Chrysene
Concen: 0.960 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095315.D
Acq: 31 Jan 2018 13:47

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





#21

Benzo(b)fluoranthene

Concen: 1.804 ng/ul m

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

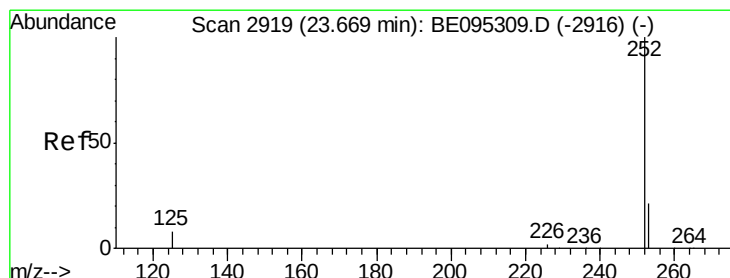
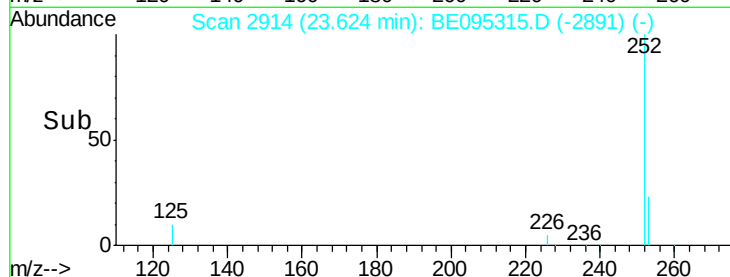
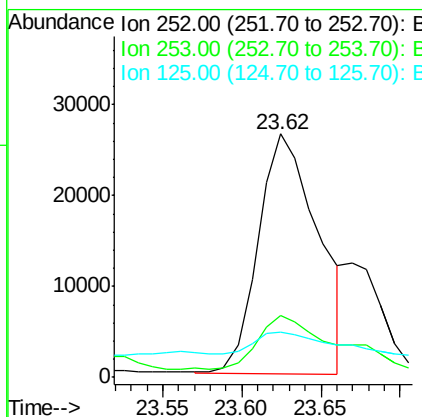
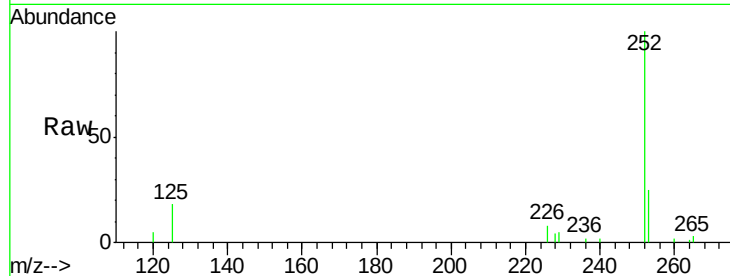
ClientSampleId :

F6B45

Tot Ion:	252	Resp:	70066
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	64.2
125	18.4	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.514 ng/ul m

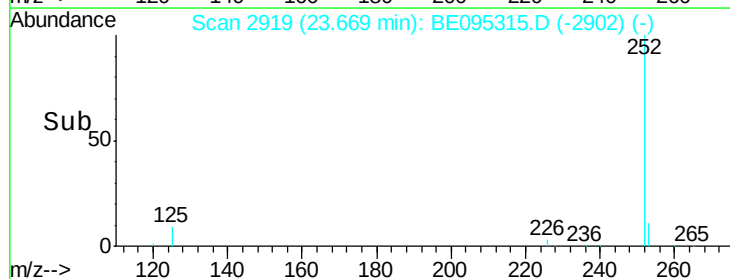
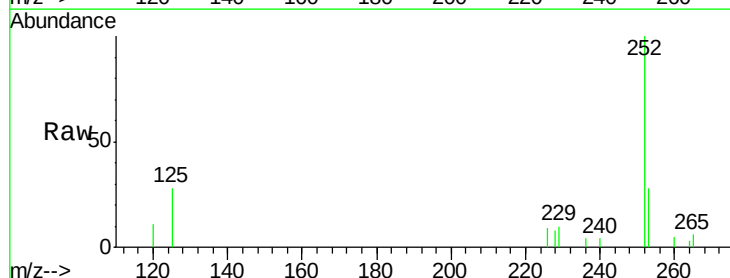
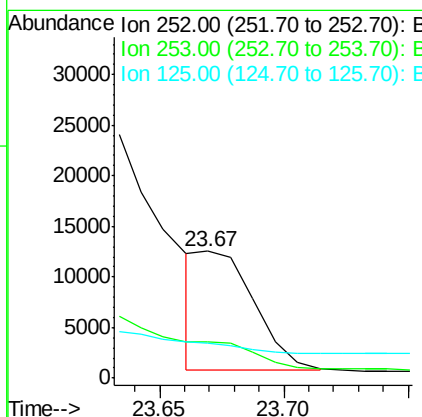
RT: 23.67 min Scan# 2919

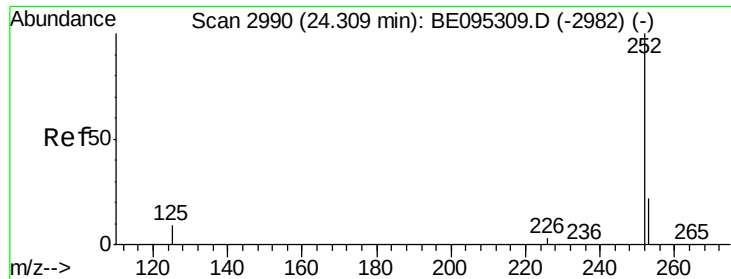
Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Tgt Ion:	252	Resp:	18262
Ion Ratio	Lower	Upper	
252	100		
253	28.5	24.5	36.7
125	27.9	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.811 ng/ul m

RT: 24.33 min Scan# 2992

Delta R.T. 0.02 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

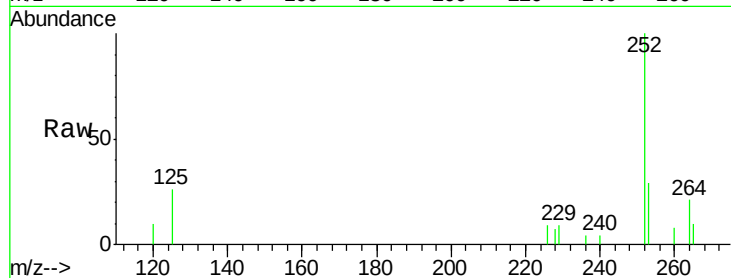
ClientSampled :

F6B45

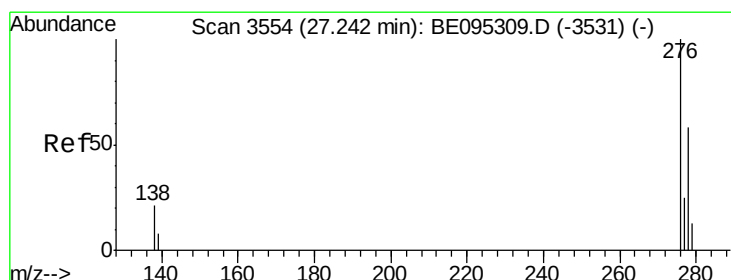
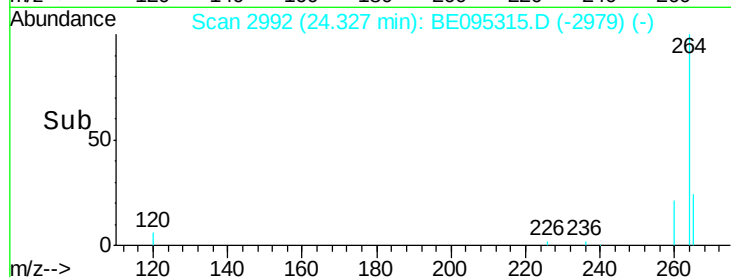
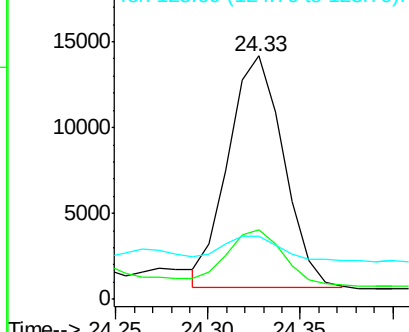
Tot Ion:	252	Resp:	28104
Ion Ratio	Lower	Upper	
252	100		
253	28.7	28.5	42.7
125	25.8	18.1	27.1

Manual Integrations
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Sohil
1/31/2018 8:29:11 PM



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.812 ng/ul m

RT: 27.26 min Scan# 3557

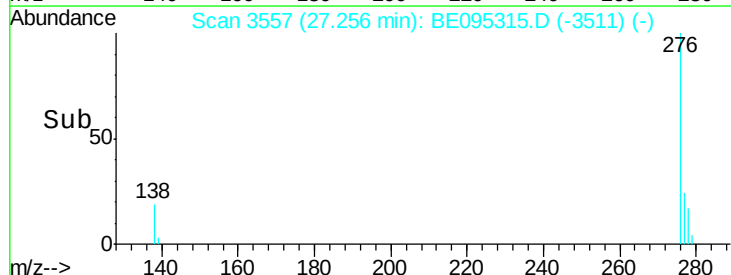
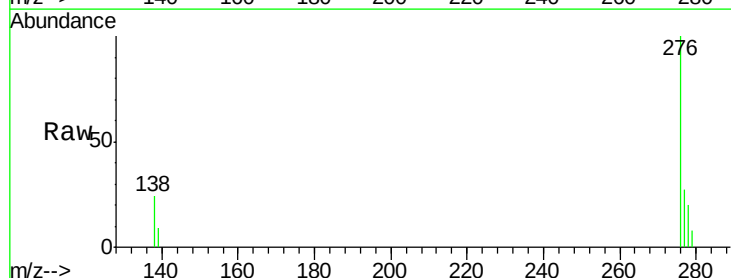
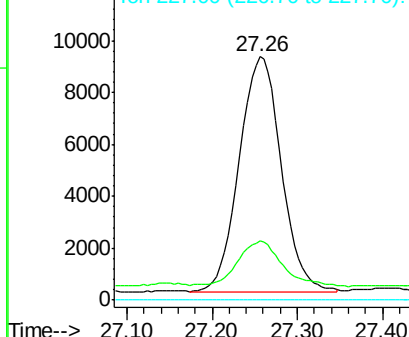
Delta R.T. 0.01 min

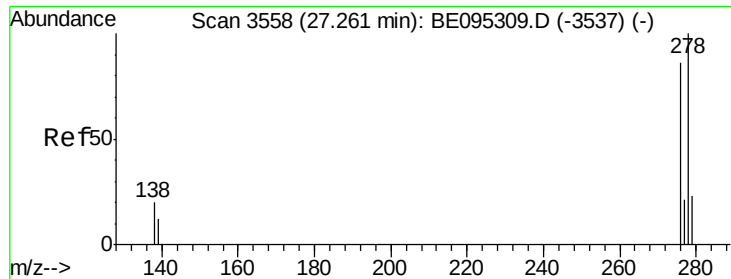
Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Tgt Ion:	276	Resp:	30874
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.213 ng/ul m

RT: 27.26 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

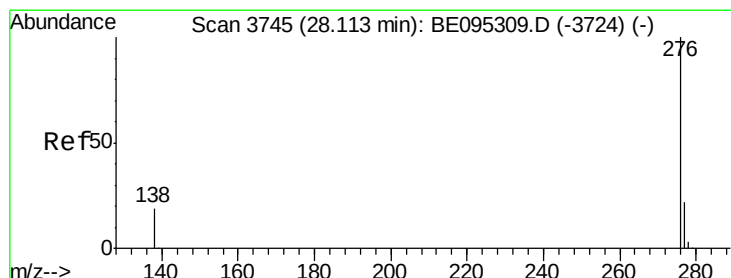
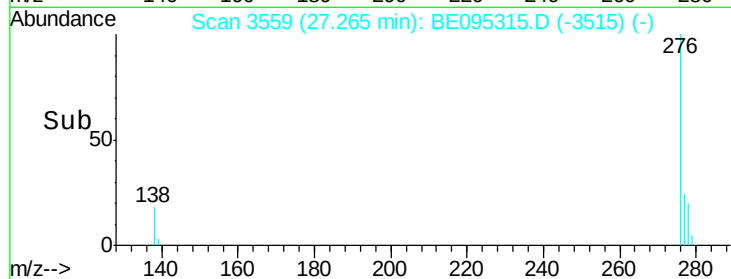
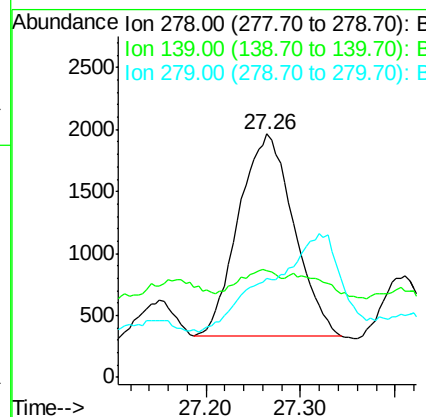
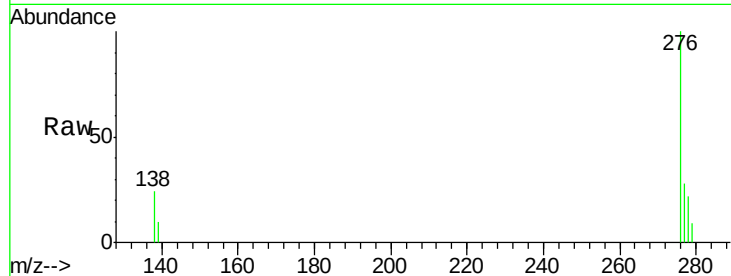
ClientSampleId :

F6B45

Tot Ion:278	Resp:	6629
Ion Ratio	Lower	Upper
278	100	
139	44.0	17.4 26.0#
279	40.7	25.9 38.9#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:29:11 PM



#26

Benzo(g,h,i)perylene

Concen: 1.269 ng/ul m

RT: 28.14 min Scan# 3750

Delta R.T. 0.02 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Tgt Ion:276	Resp:	40856
Ion Ratio	Lower	Upper
276	100	
138	22.7	21.8 32.8
277	25.9	20.5 30.7

