

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095316.D
 Acq On : 31 Jan 2018 14:23
 Operator : SJ/JU
 Sample : J1243-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B29

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:29:14 PM

Quant Time: Jan 31 15:51:07 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	2776	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8663	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5782	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11708m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11794	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	12281m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4168	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11026	0.25	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	6382	0.263	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	5397	0.333	ng/ul	100
7) Acenaphthylene	14.74	152	19168	0.689	ng/ul	97
8) Acenaphthene	15.08	153	7713	0.357	ng/ul	93
9) Fluorene	16.02	166	10489	0.471	ng/ul#	71
11) Pentachlorophenol	17.36	266	195037	86.007	ng/ul	96
12) Phenanthrene	17.75	178	143922	3.655	ng/ul#	86
13) Anthracene	17.85	178	224428	6.227	ng/ul#	90
15) Fluoranthene	19.73	202	658285	12.911	ng/ul	82
17) Pyrene	20.08	202	592164	14.963	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	144579	3.921	ng/ul#	86
19) Chrysene	21.84	228	130137	3.399	ng/ul	94
21) Benzo(b)fluoranthene	23.63	252	178378m	4.117	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	43824m	1.106	ng/ul	
23) Benzo(a)pyrene	24.33	252	77945m	2.015	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	50353m	1.187	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	11361m	0.327	ng/ul	
26) Benzo(g,h,i)perylene	28.13	276	38223m	1.064	ng/ul	

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

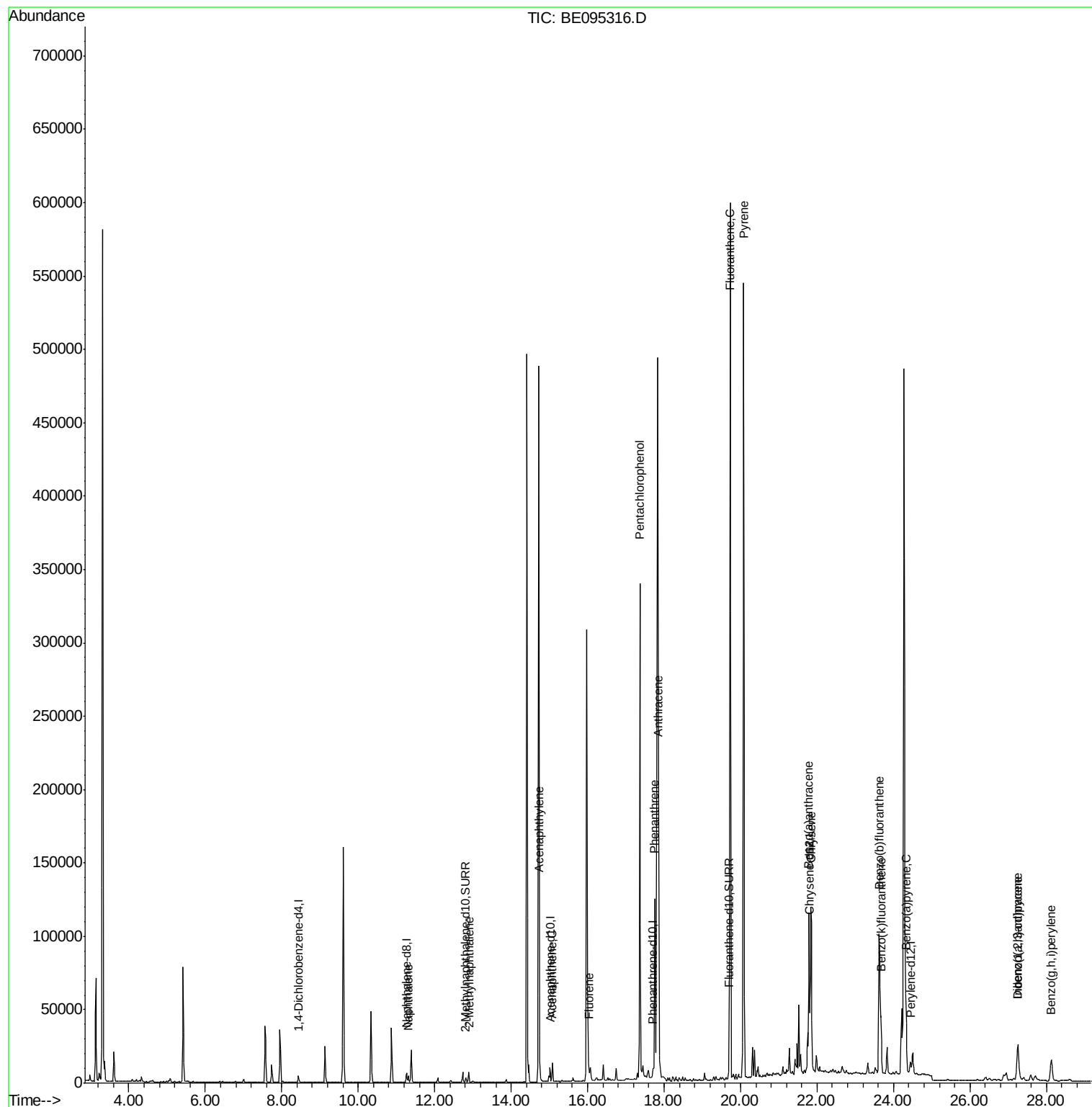
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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ALS Vial : 40 Sample Multiplier: 1

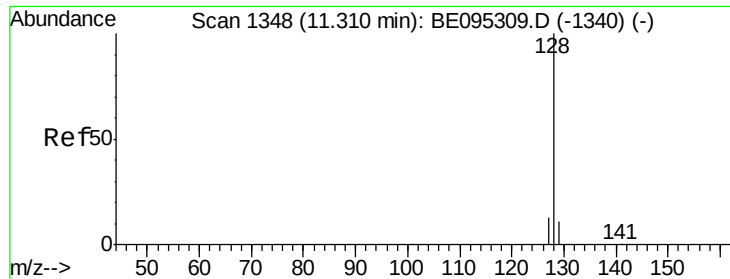
Instrument :
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#3

Naphthalene

Concen: 0.263 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

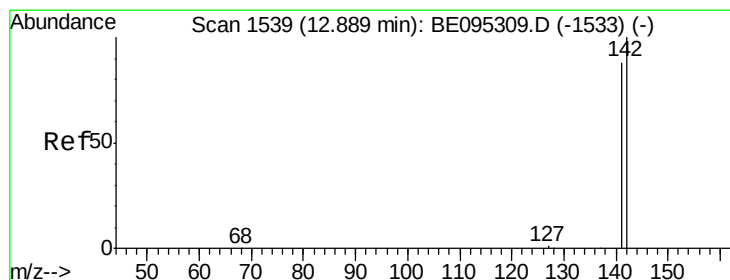
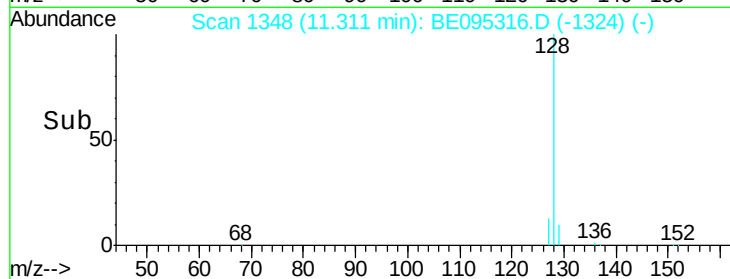
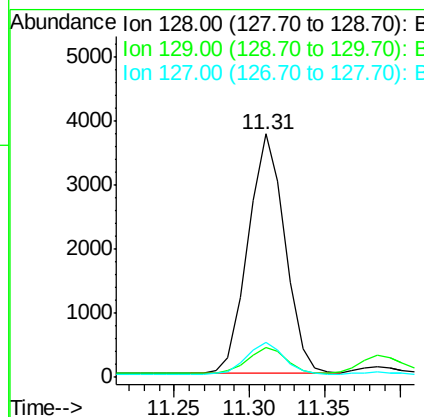
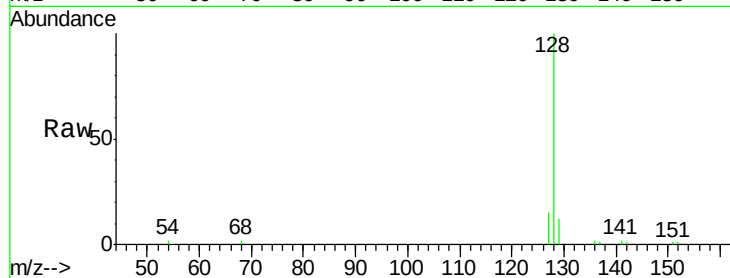
ClientSampleId :

F6B29

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.3	16.9
127	14.5	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.333 ng/ul

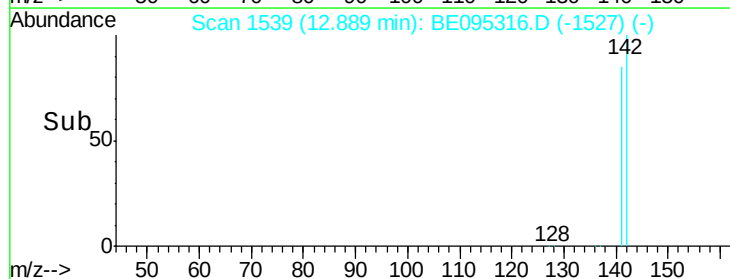
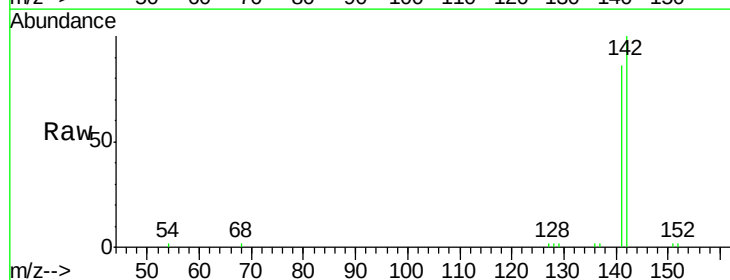
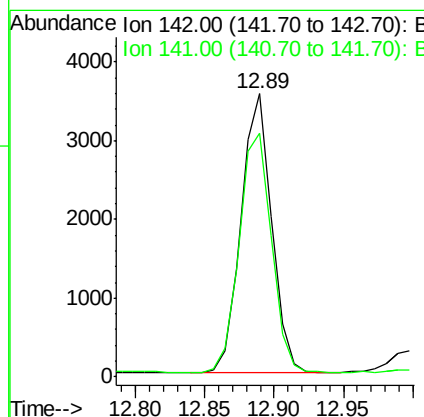
RT: 12.89 min Scan# 1539

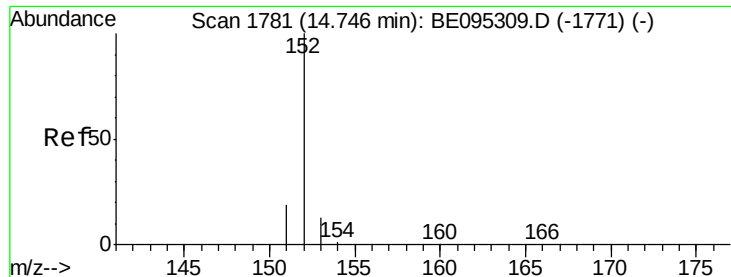
Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.689 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

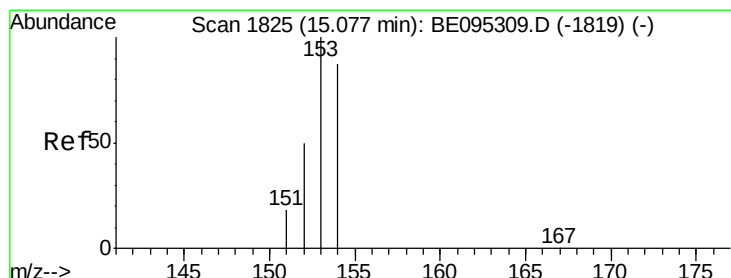
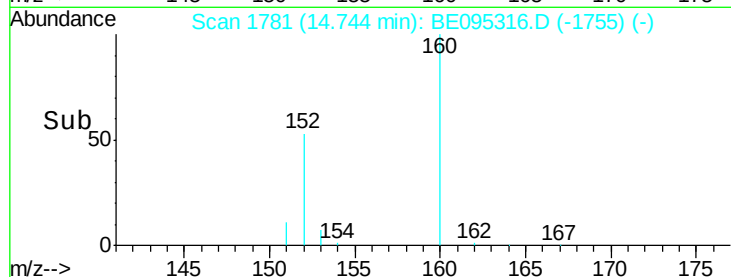
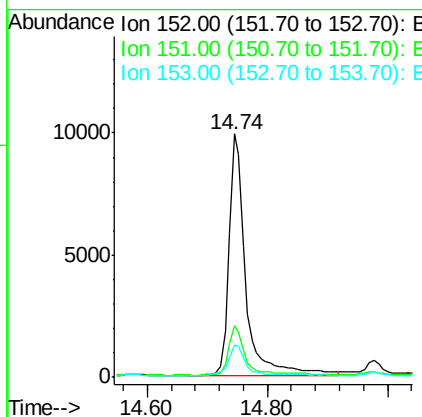
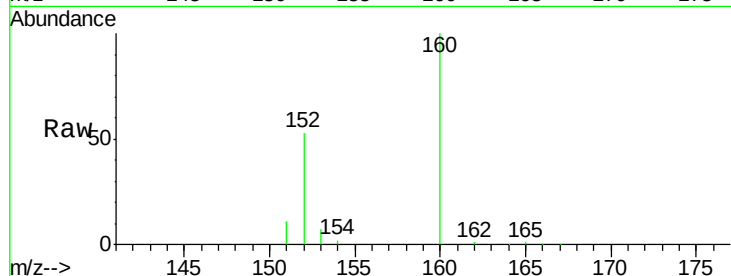
ClientSampled :

F6B29

Tot Ion:	152	Resp:	19168
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.1	25.7
153	13.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.357 ng/ul

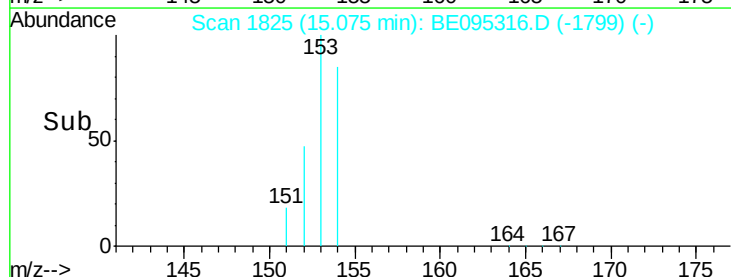
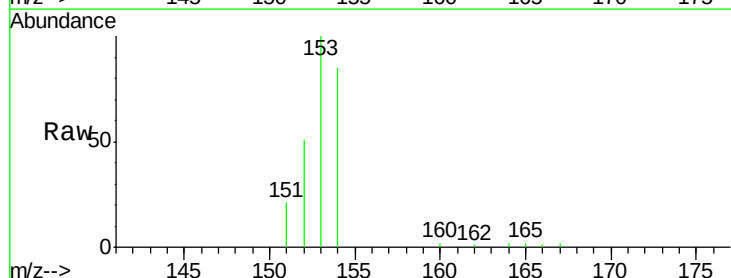
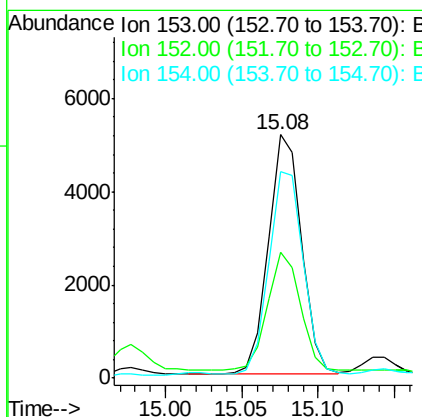
RT: 15.08 min Scan# 1825

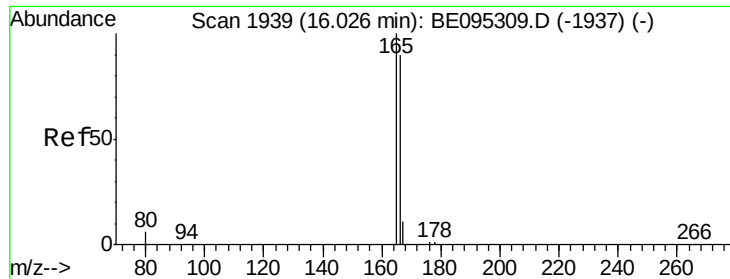
Delta R.T. -0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Tgt Ion:	153	Resp:	7713
Ion Ratio	Lower	Upper	
153	100		
152	51.4	36.0	54.0
154	84.7	72.0	108.0





#9

Fluorene

Concen: 0.471 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

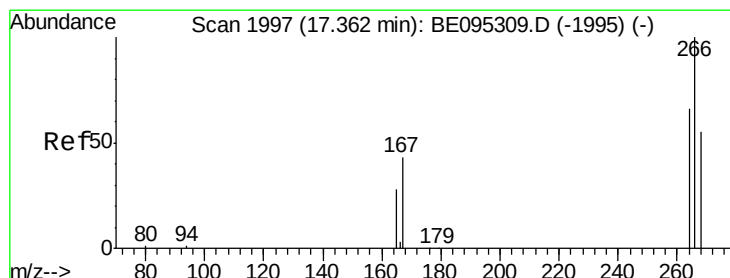
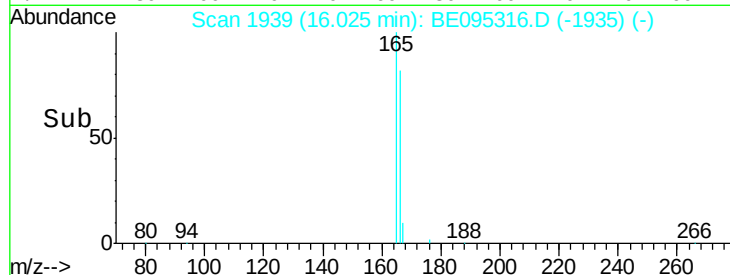
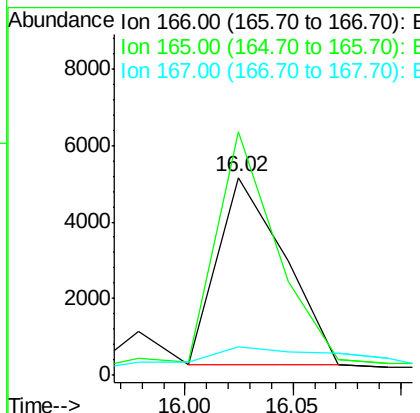
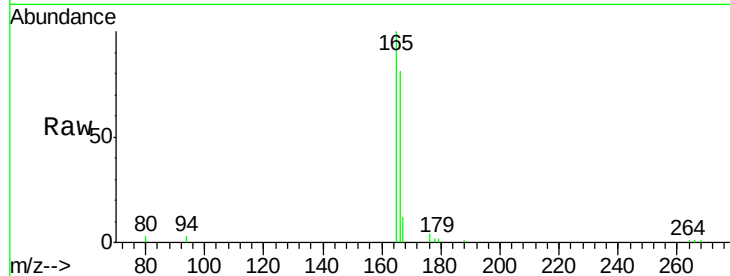
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	123.1	73.4	110.2#
167	14.6	14.6	22.0#

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#11

Pentachlorophenol

Concen: 86.007 ng/ul

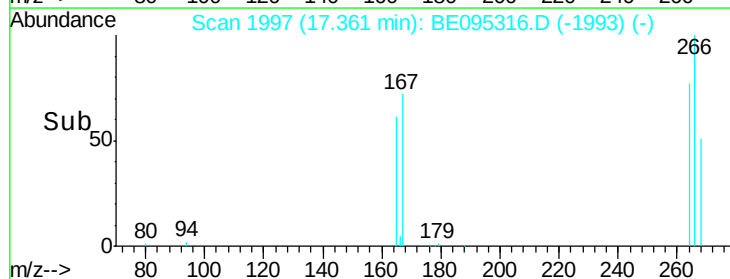
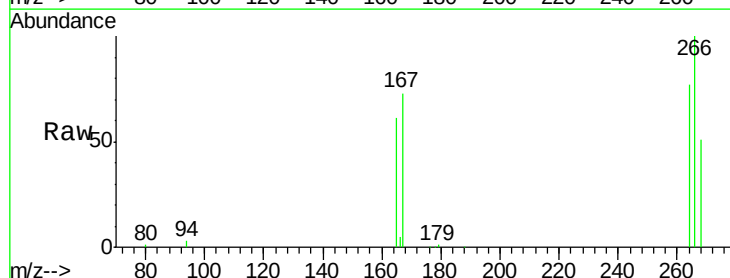
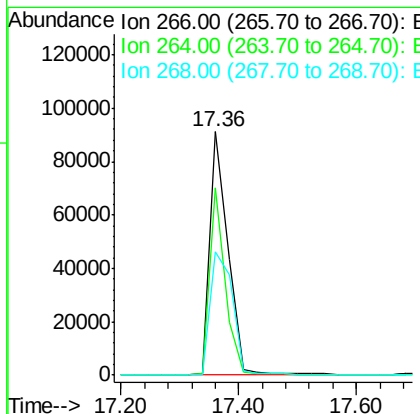
RT: 17.36 min Scan# 1997

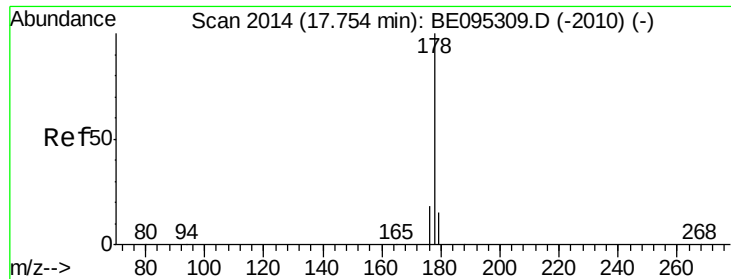
Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.4	47.9	71.9
268	62.3	49.8	74.8





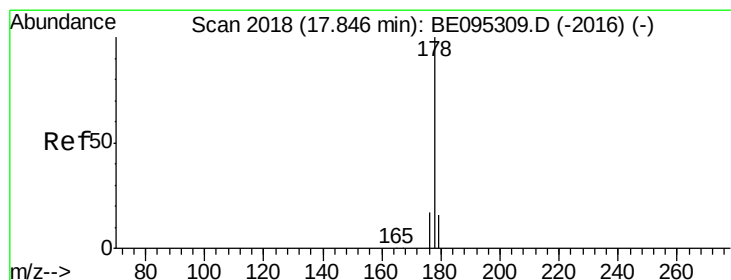
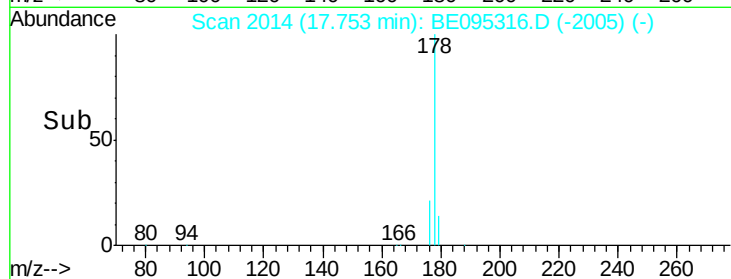
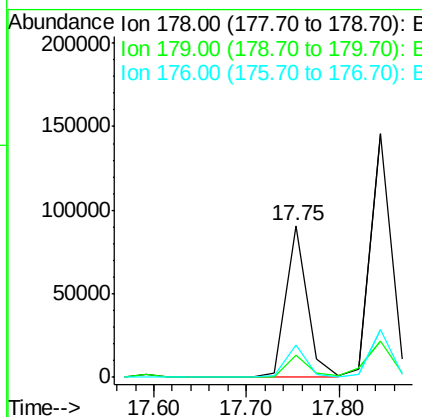
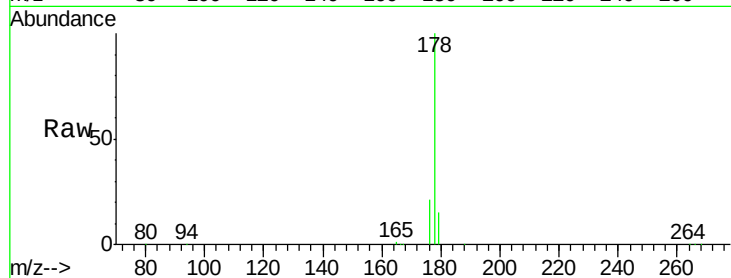
#12
Phenanthrene
Concen: 3.655 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095316.D
Acq: 31 Jan 2018 14:23

Instrument :
BNA_E
ClientSampleId :
F6B29

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	21.1	13.6	20.4#

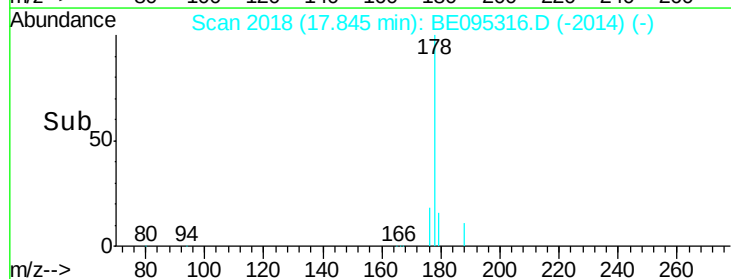
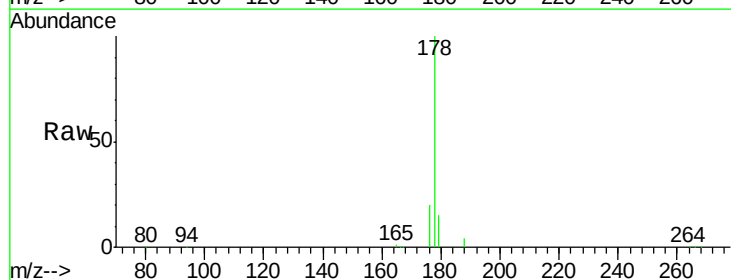
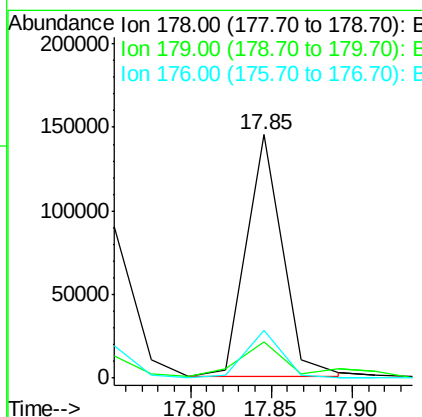
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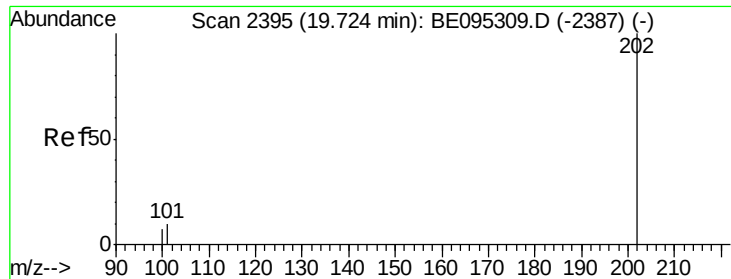
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#13
Anthracene
Concen: 6.227 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095316.D
Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.1	27.1#
176	19.9	14.7	22.1





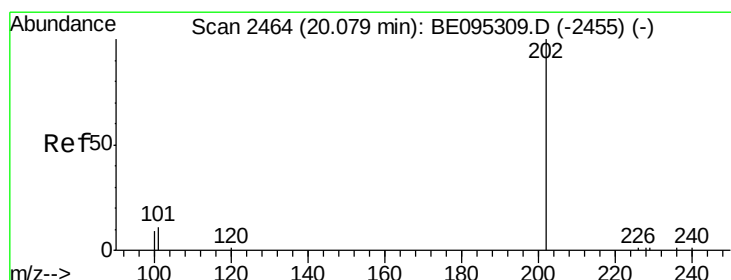
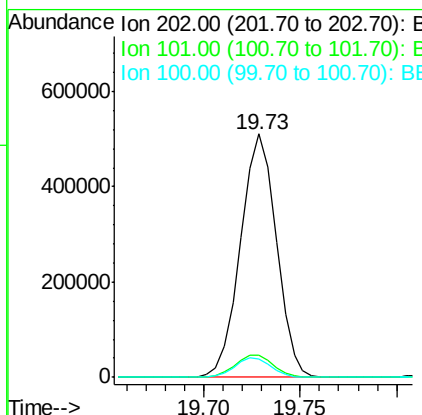
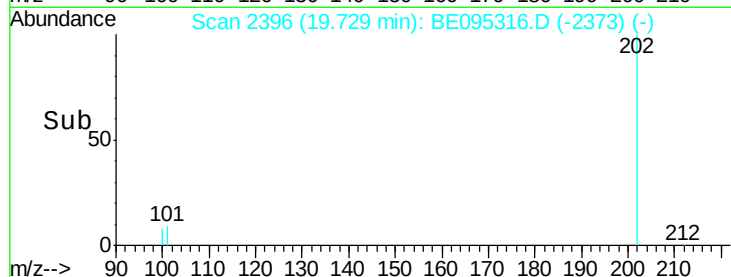
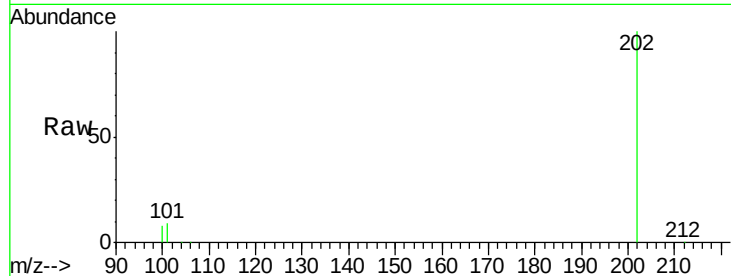
#15
Fluoranthene
 Concen: 12.911 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BE095316.D
 Acq: 31 Jan 2018 14:23

Instrument :
 BNA_E
 ClientSampleId :
 F6B29

Tot Ion	Ratio	Resp	Lower	Upper
202	100	658285		
101	9.4	0.0	30.3	
100	7.7	0.0	39.5	

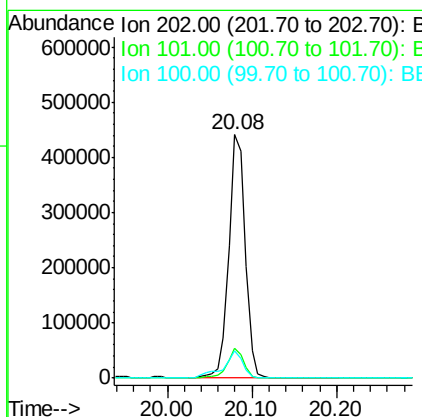
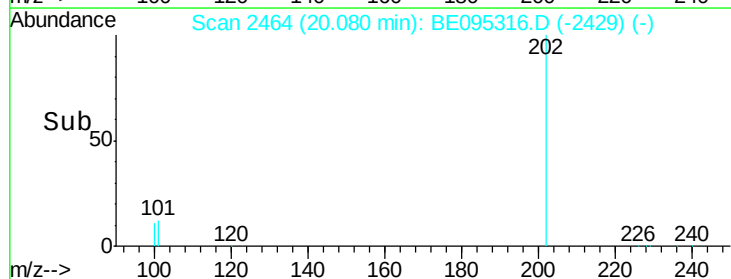
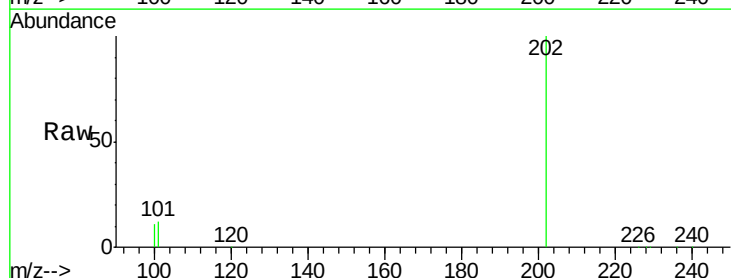
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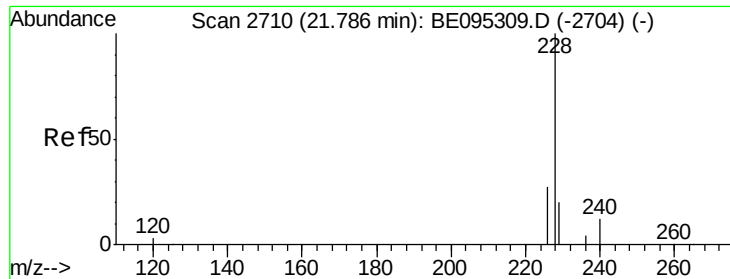
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#17
Pyrene
 Concen: 14.963 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BE095316.D
 Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	592164		
101	12.1	18.2	27.4#	
100	11.0	15.6	23.4#	





#18

Benzo(a)anthracene

Concen: 3.921 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

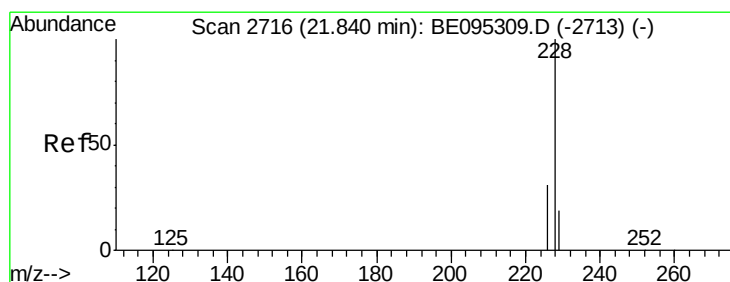
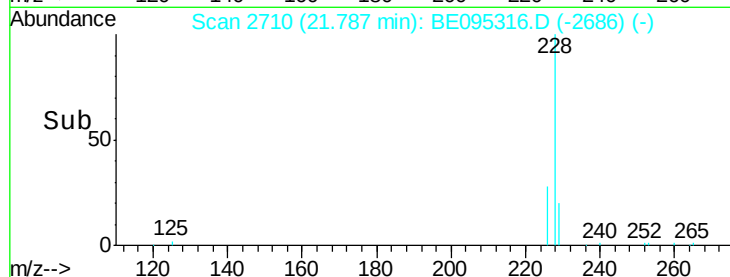
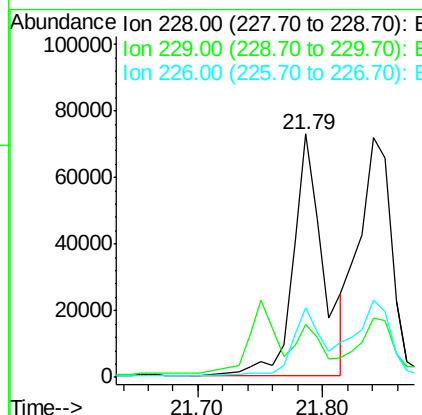
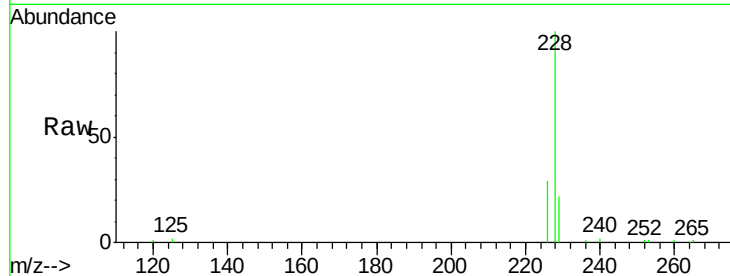
ClientSampled :

F6B29

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	28.8	17.0	25.6#

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#19

Chrysene

Concen: 3.399 ng/ul

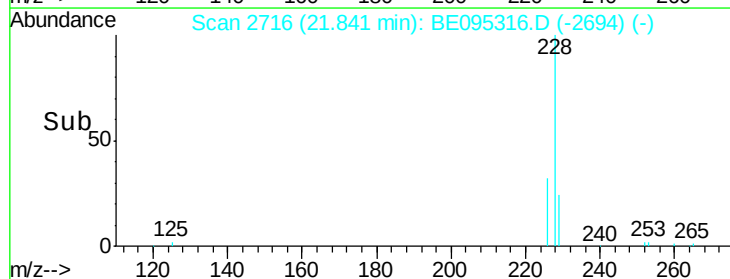
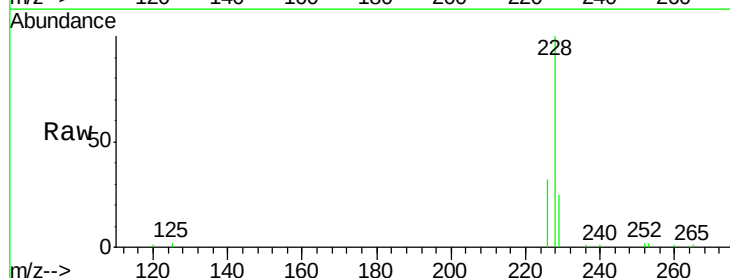
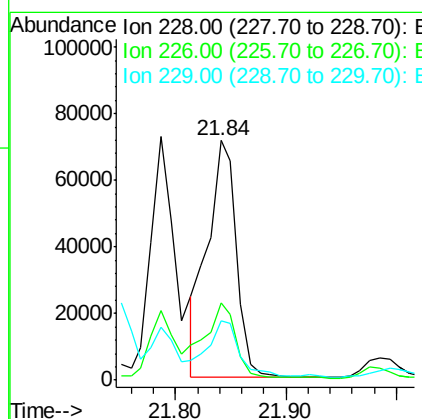
RT: 21.84 min Scan# 2716

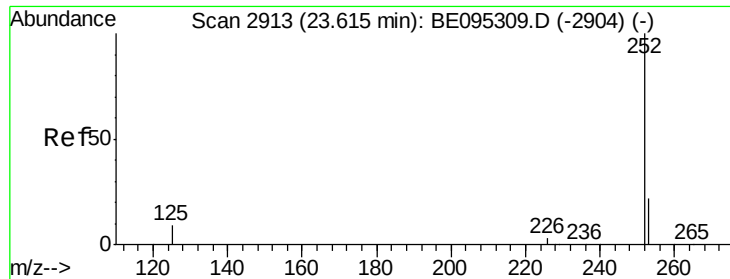
Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	25.0	17.7	26.5





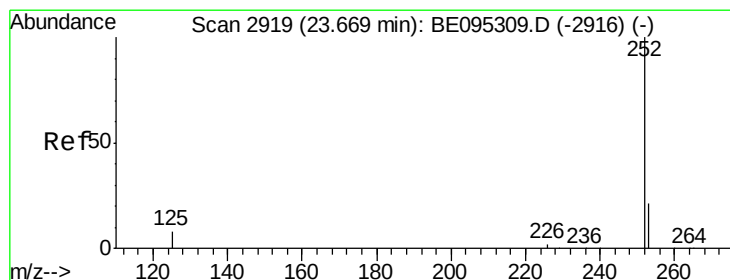
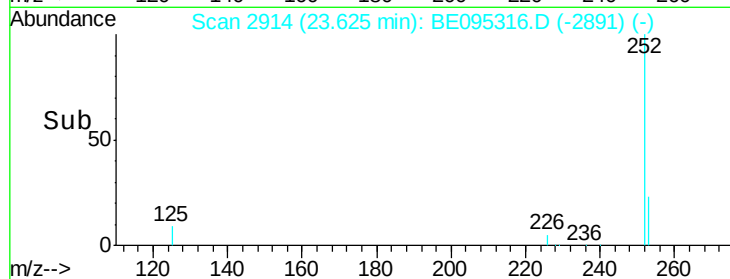
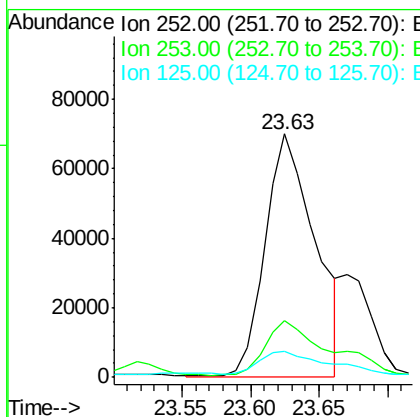
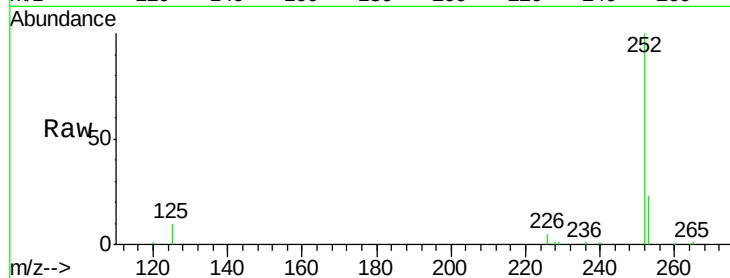
#21
Benzo(b)fluoranthene
Concen: 4.117 ng/ul m
RT: 23.63 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095316.D
Acq: 31 Jan 2018 14:23

Instrument :
BNA_E
ClientSampleId :
F6B29

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	0.0	64.2
125	10.5	0.0	35.0

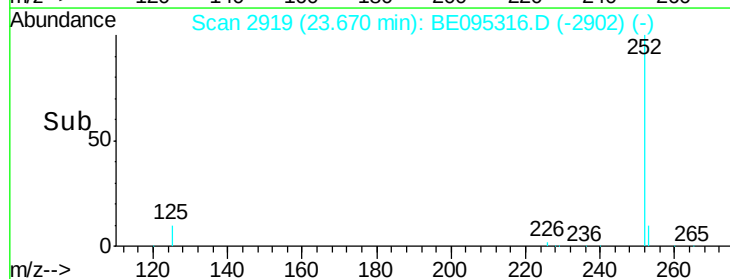
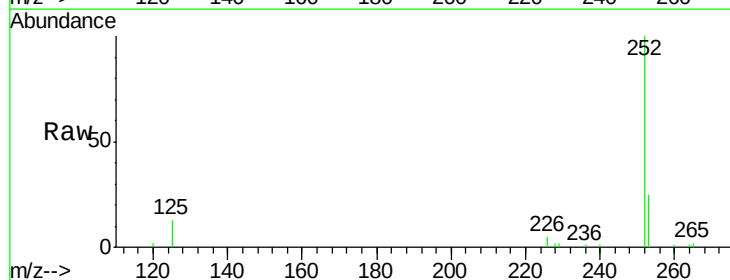
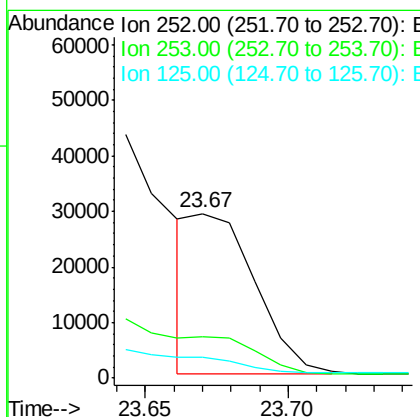
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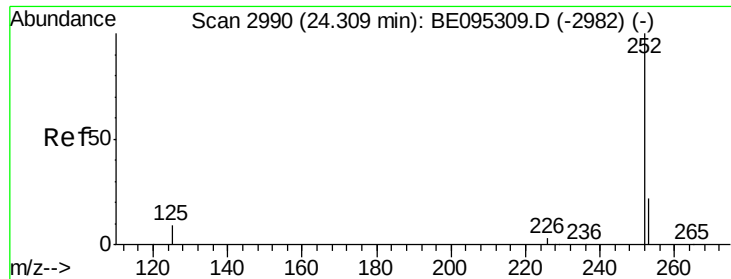
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#22
Benzo(k)fluoranthene
Concen: 1.106 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095316.D
Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.2	24.5	36.7
125	12.5	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 2.015 ng/ul m

RT: 24.33 min Scan# 2992

Delta R.T. 0.02 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

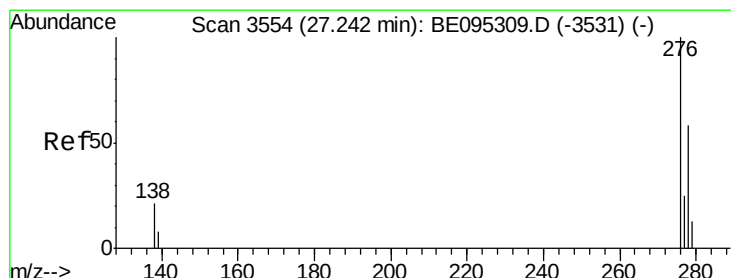
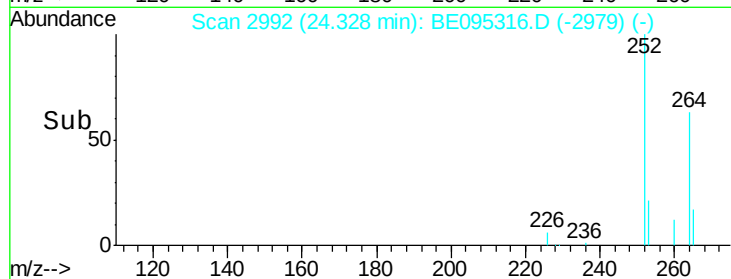
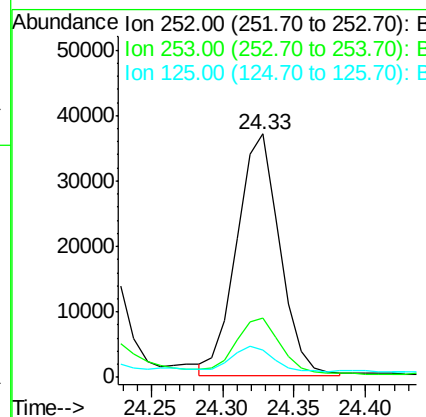
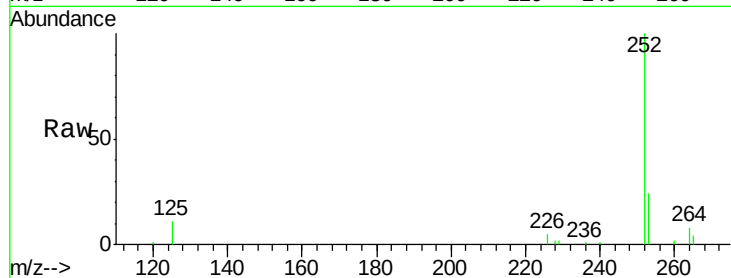
ClientSampled :

F6B29

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	28.5	42.7#
125	11.0	18.1	27.1#

Manual Integrations
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Sohil
1/31/2018 8:29:14 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.187 ng/ul m

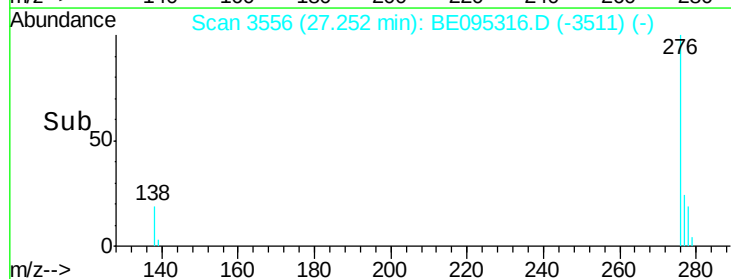
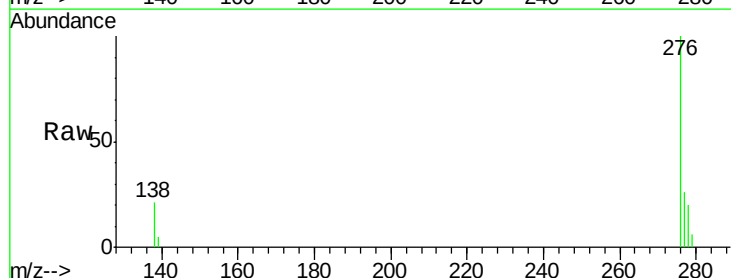
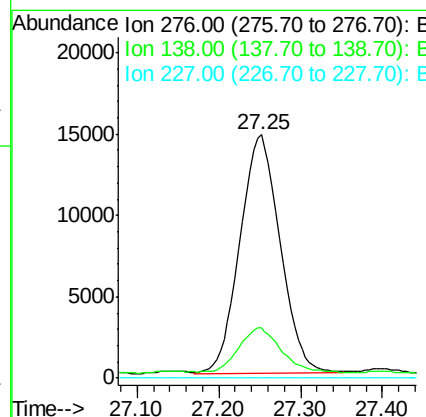
RT: 27.25 min Scan# 3556

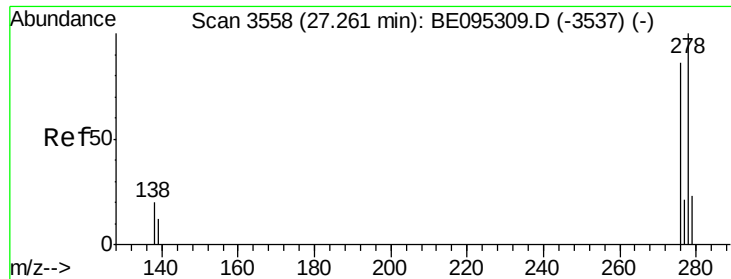
Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.6	28.0	42.0#
227	0.0	8.0	12.0#





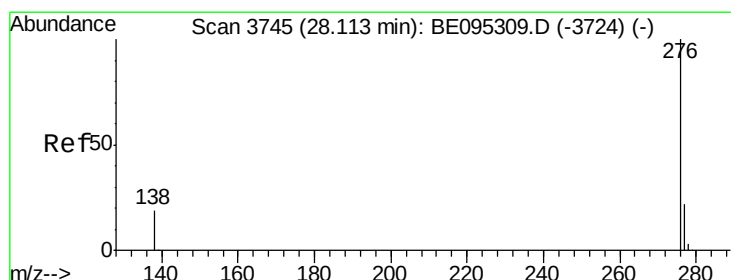
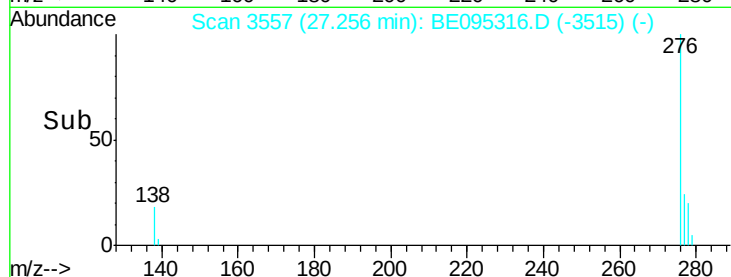
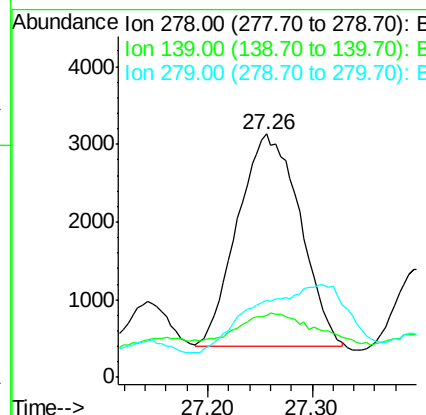
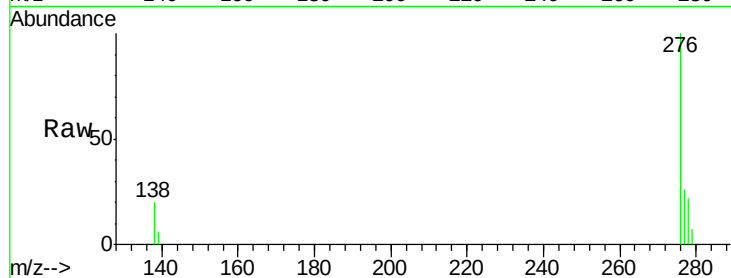
#25
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul m
RT: 27.26 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BE095316.D
Acq: 31 Jan 2018 14:23

Instrument :
BNA_E
ClientSampleId :
F6B29

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.3	17.4	26.0
279	31.5	25.9	38.9

Manual Integrations
APPROVED

Sohil
1/31/2018 8:29:14 PM



#26
Benzo(g,h,i)perylene
Concen: 1.064 ng/ul m
RT: 28.13 min Scan# 3748
Delta R.T. 0.01 min
Lab File: BE095316.D
Acq: 31 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	21.8	32.8
277	25.7	20.5	30.7

