

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095159.D
 Acq On : 27 Jan 2018 9:48
 Operator : SJ/JU
 Sample : J1174-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A47

Manual Integrations
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Sohil
 1/29/2018 6:34:42 PM

Quant Time: Jan 28 00:37:09 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	4365	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	13562	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	11689	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	16508	0.40	ng/ul	0.02
16) Chrysene-d12	21.82	240	14850	0.40	ng/ul	0.02
20) Perylene-d12	24.47	264	13105m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	6417	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.71	212	11694	0.19	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	12119	0.319	ng/ul#	78
5) 2-Methylnaphthalene	12.89	142	106249	4.190	ng/ul	100
7) Acenaphthylene	14.75	152	74624	1.326	ng/ul#	81
8) Acenaphthene	15.08	153	138723	3.180	ng/ul	94
9) Fluorene	16.05	166	109316	2.430	ng/ul	98
11) Pentachlorophenol	17.38	266	36039	11.271	ng/ul	97
12) Phenanthrene	17.78	178	254179	4.578	ng/ul#	92
13) Anthracene	17.84	178	130579	2.570	ng/ul#	84
15) Fluoranthene	19.74	202	655697	9.121	ng/ul	81
17) Pyrene	20.09	202	1173641	23.553	ng/ul#	75
18) Benzo(a)anthracene	21.80	228	249234	5.368	ng/ul#	89
19) Chrysene	21.83	228	301748	6.259	ng/ul#	84
21) Benzo(b)fluoranthene	23.65	252	560804m	12.129	ng/ul	
22) Benzo(k)fluoranthene	23.68	252	156006m	3.689	ng/ul	
23) Benzo(a)pyrene	24.35	252	439517m	10.647	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.31	276	282750m	6.245	ng/ul	
25) Dibenzo(a,h)anthracene	27.31	278	56588m	1.528	ng/ul	
26) Benzo(g,h,i)perylene	28.19	276	292160m	7.622	ng/ul	

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

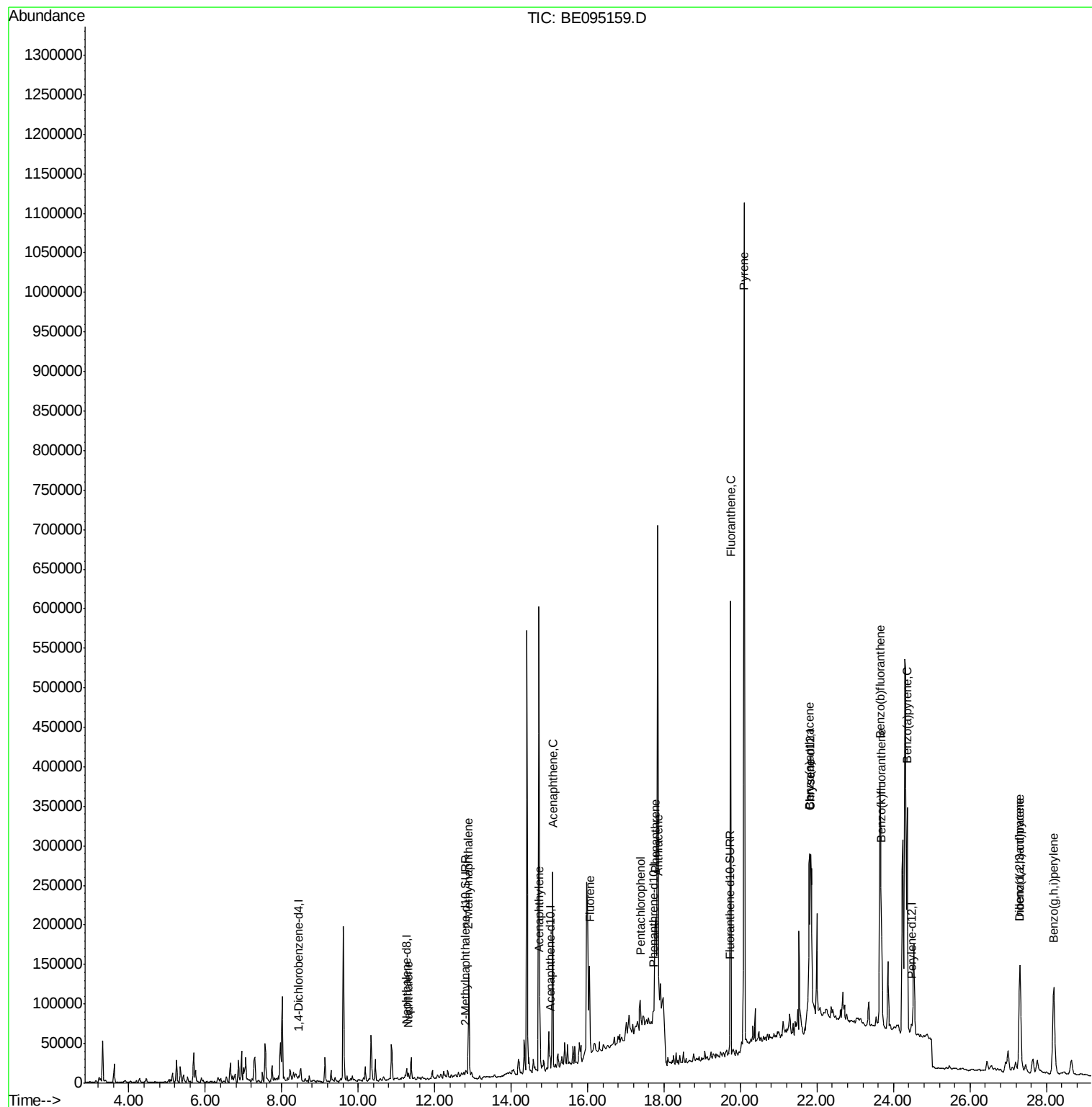
Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
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ALS Vial : 34 Sample Multiplier: 1

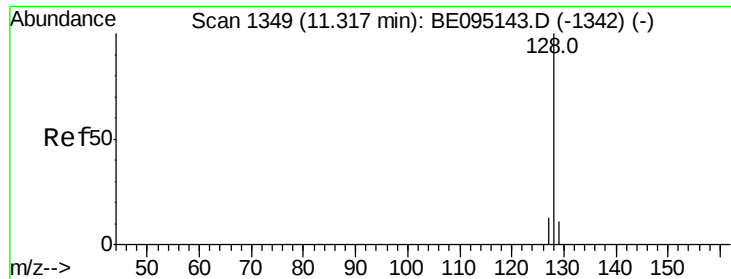
Instrument :
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#3

Naphthalene

Concen: 0.319 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

ClientSampleId :

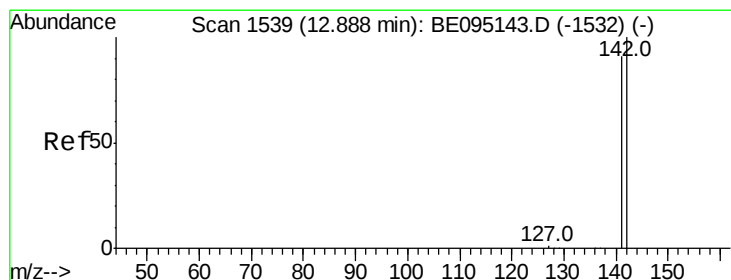
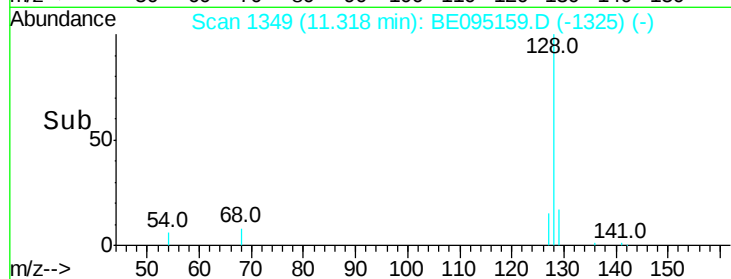
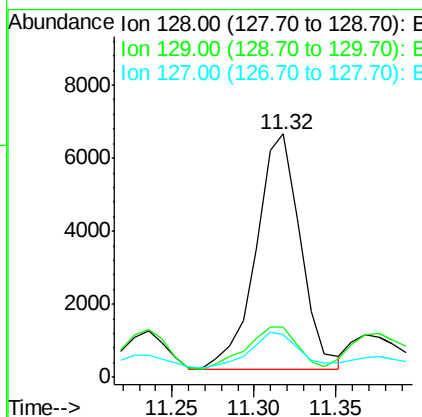
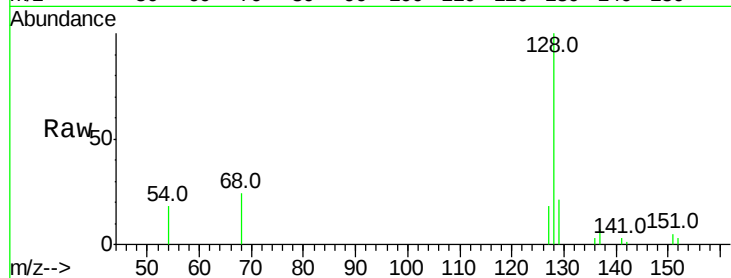
F6A47

Tot Ion:	128	Resp:	12119
Ion Ratio	Lower	Upper	
128	100		
129	20.6	11.3	16.9#
127	17.5	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 4.190 ng/ul

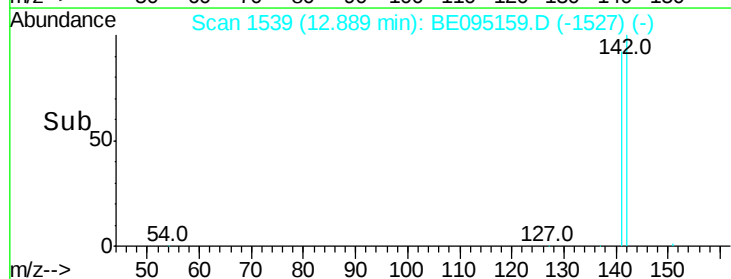
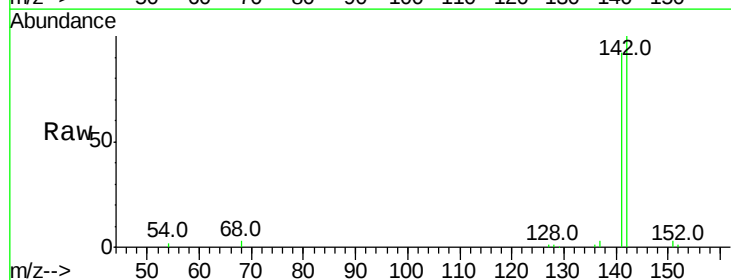
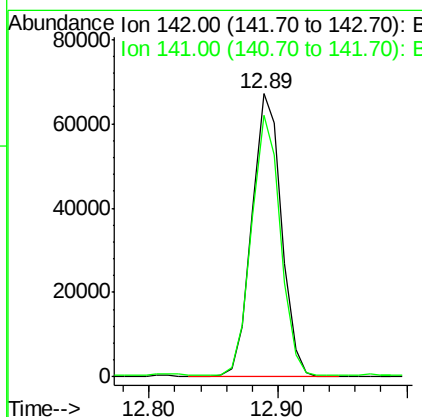
RT: 12.89 min Scan# 1539

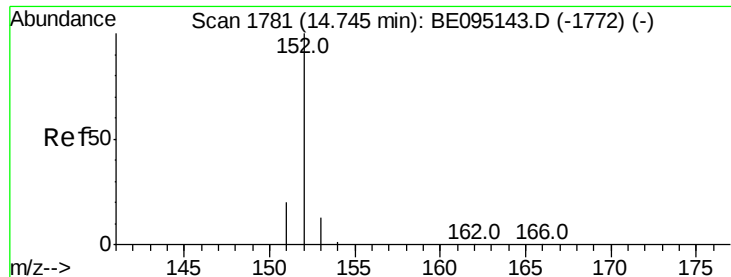
Delta R.T. 0.00 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Tgt Ion:	142	Resp:	106249
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.6	108.8





#7

Acenaphthylene

Concen: 1.326 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

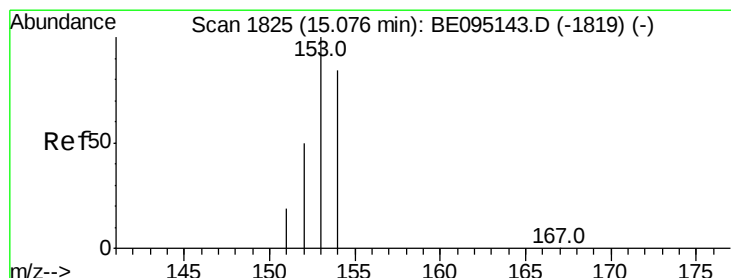
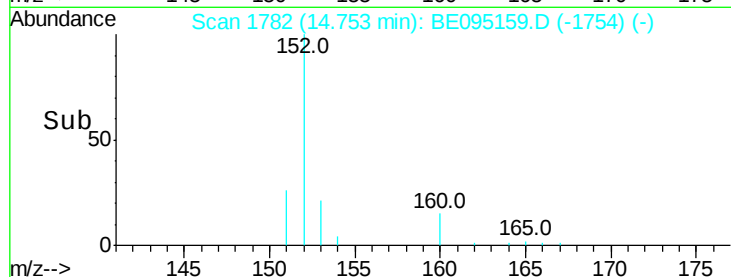
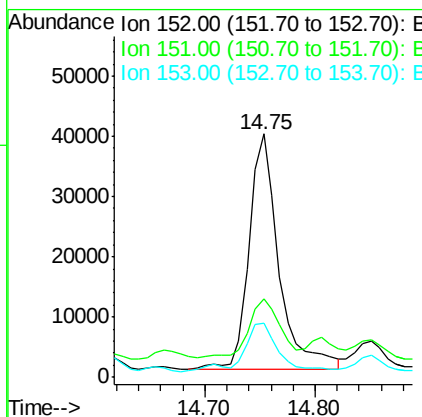
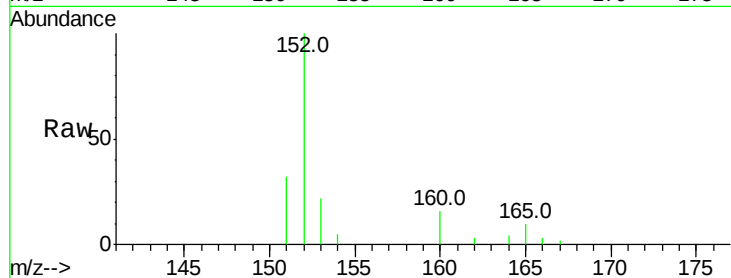
ClientSampled :

F6A47

Tot Ion:	152	Resp:	74624
Ion Ratio	Lower	Upper	
152	100		
151	32.2	17.1	25.7#
153	22.4	12.8	19.2#

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#8

Acenaphthene

Concen: 3.180 ng/ul

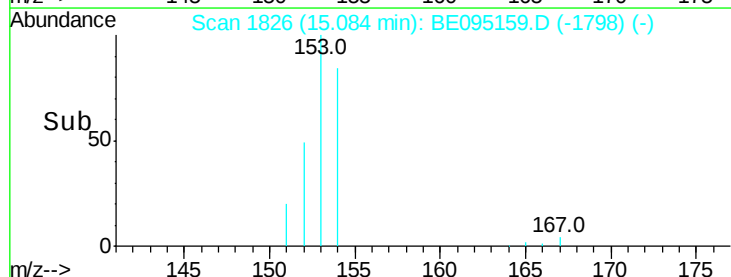
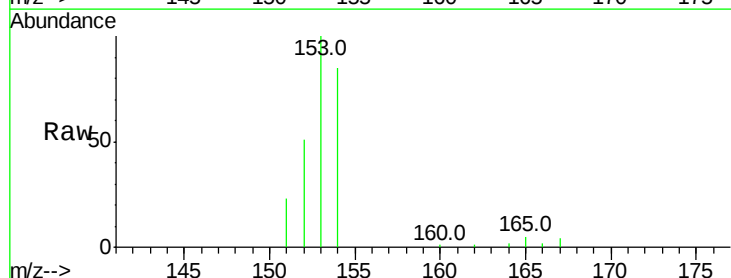
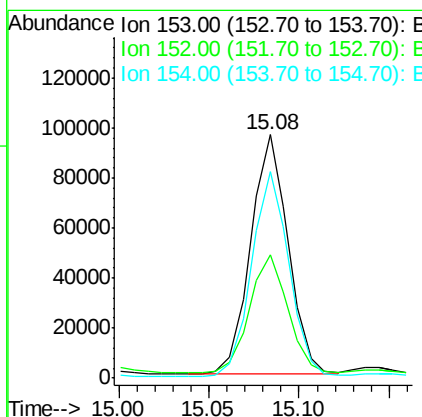
RT: 15.08 min Scan# 1826

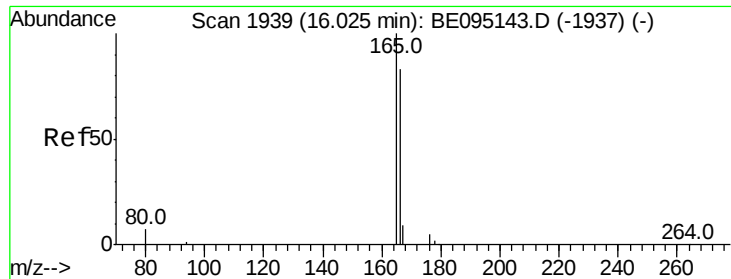
Delta R.T. 0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Tgt Ion:	153	Resp:	138723
Ion Ratio	Lower	Upper	
153	100		
152	50.7	36.0	54.0
154	85.0	72.0	108.0





#9

Fluorene

Concen: 2.430 ng/ul

RT: 16.05 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

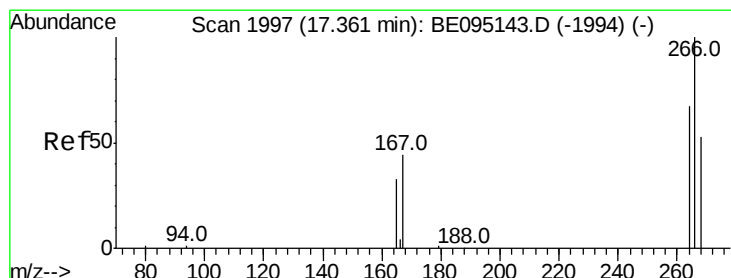
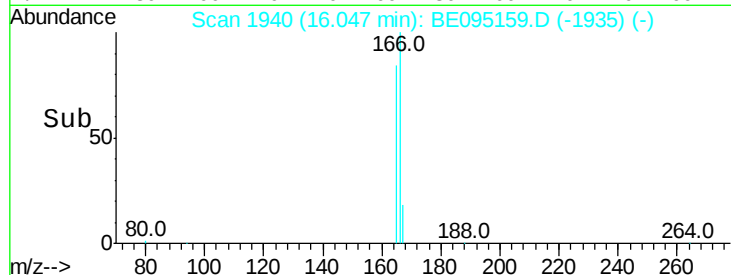
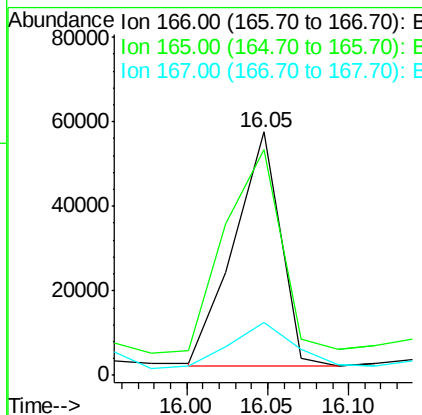
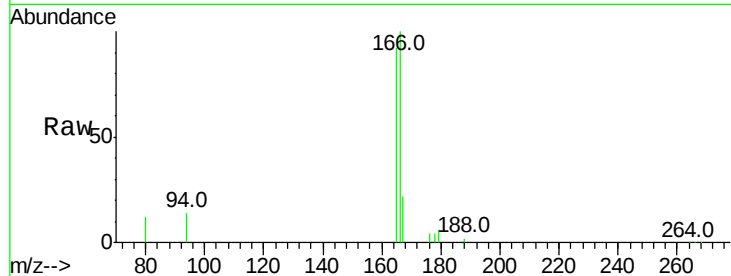
ClientSampleId :

F6A47

Tot Ion:	166	Resp:	109316
Ion Ratio	Lower	Upper	
166	100		
165	92.5	73.4	110.2
167	21.9	14.6	22.0

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#11

Pentachlorophenol

Concen: 11.271 ng/ul

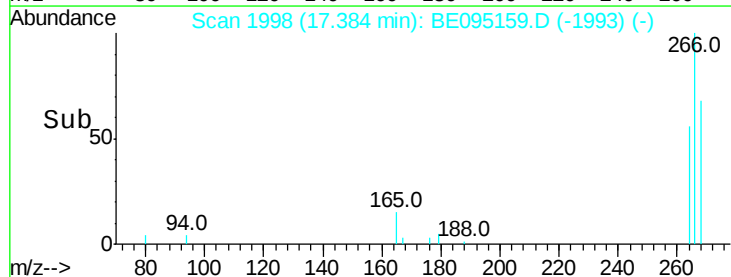
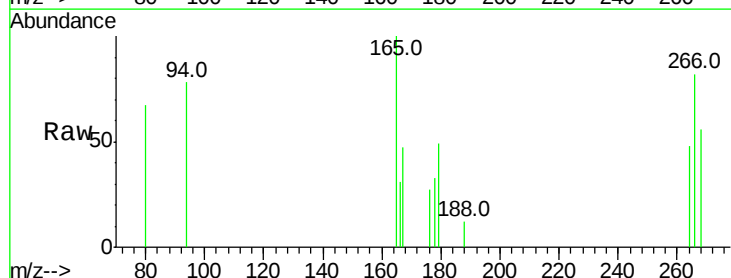
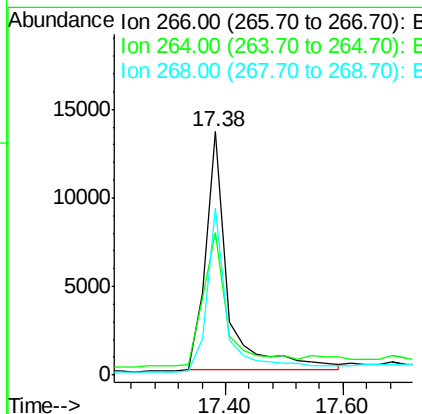
RT: 17.38 min Scan# 1998

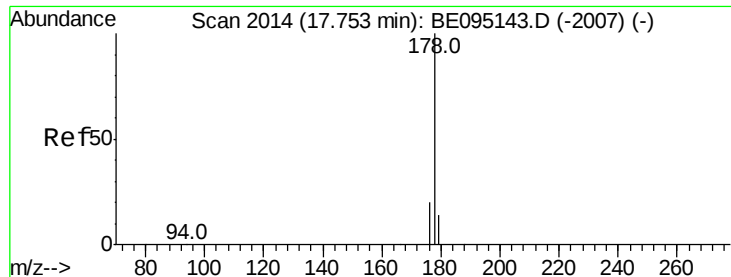
Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Tgt Ion:	266	Resp:	36039
Ion Ratio	Lower	Upper	
266	100		
264	57.5	47.9	71.9
268	64.7	49.8	74.8





#12

Phenanthrene

Concen: 4.578 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

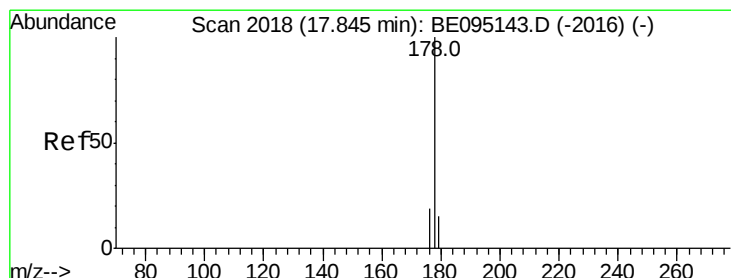
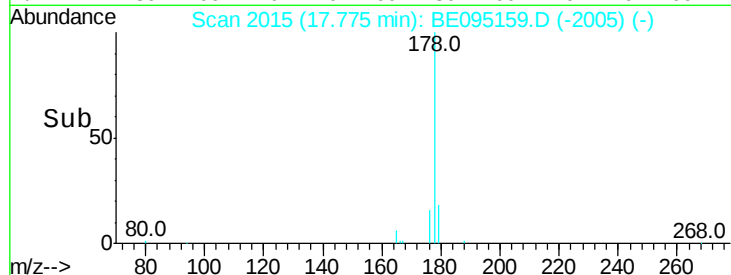
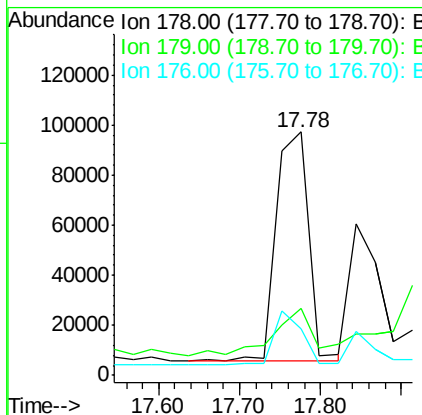
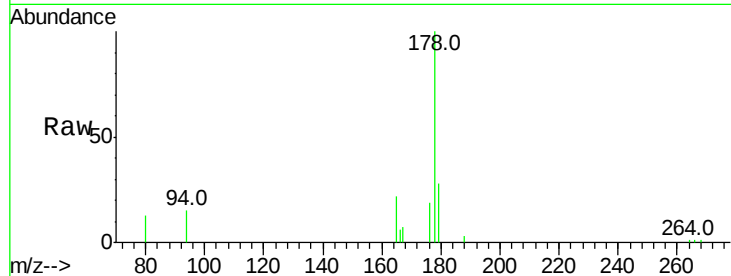
ClientSampleId :

F6A47

Tot Ion:178 Resp: 254179
 Ion Ratio Lower Upper
 178 100
 179 27.6 18.4 27.6#
 176 19.1 13.6 20.4

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#13

Anthracene

Concen: 2.570 ng/ul

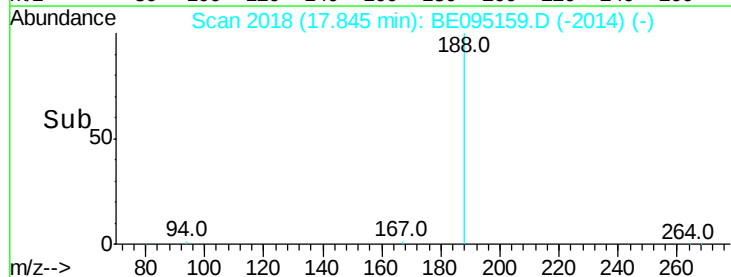
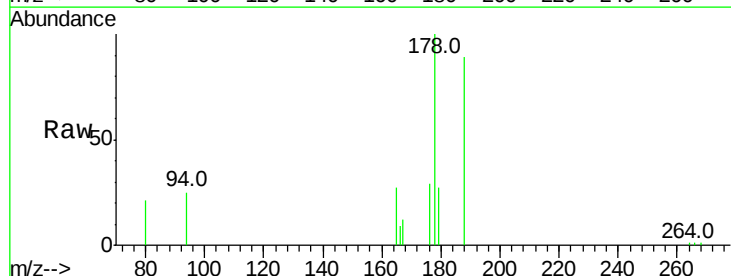
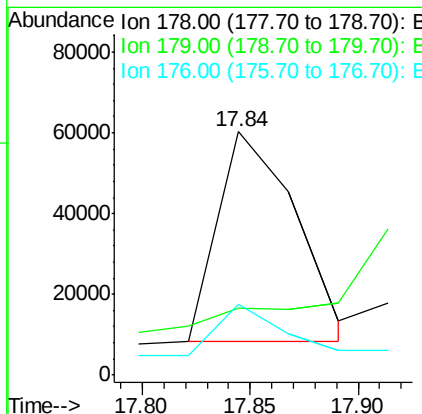
RT: 17.84 min Scan# 2018

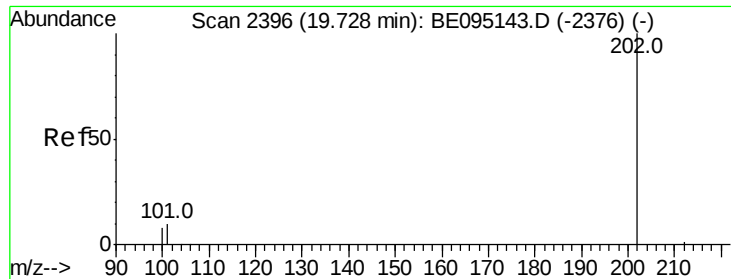
Delta R.T. -0.00 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Tgt Ion:178 Resp: 130579
 Ion Ratio Lower Upper
 178 100
 179 27.4 18.1 27.1#
 176 28.9 14.7 22.1#





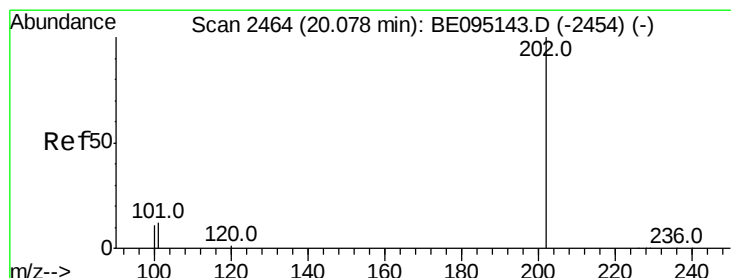
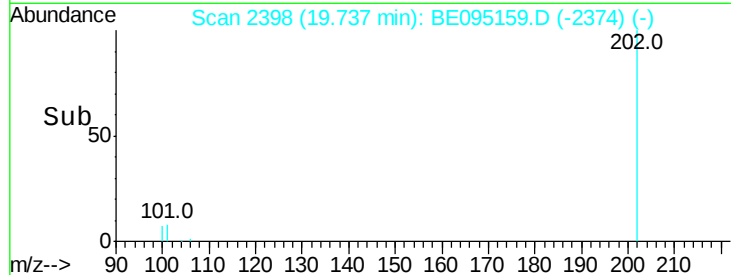
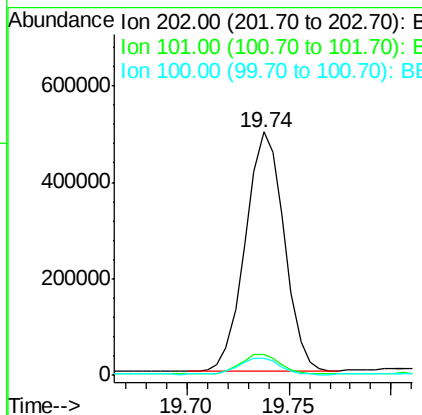
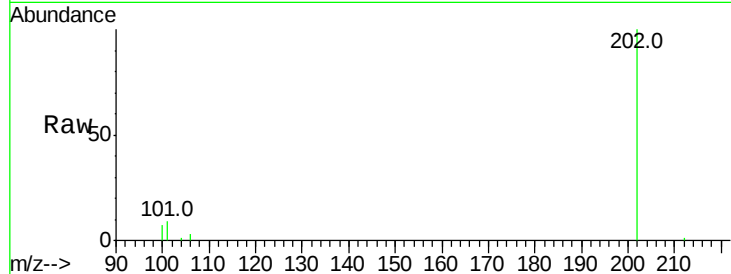
#15
Fluoranthene
 Concen: 9.121 ng/ul
 RT: 19.74 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BE095159.D
 Acq: 27 Jan 2018 9:48

Instrument :
 BNA_E
 ClientSampleId :
 F6A47

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	30.3
100	7.2	0.0	39.5

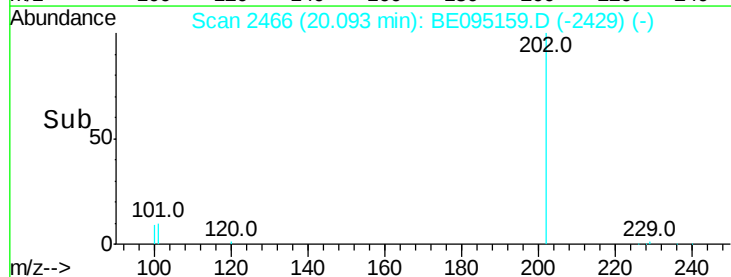
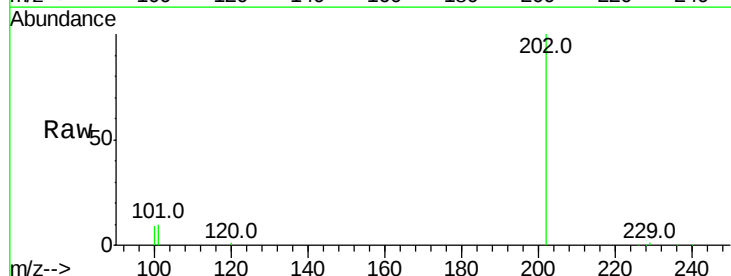
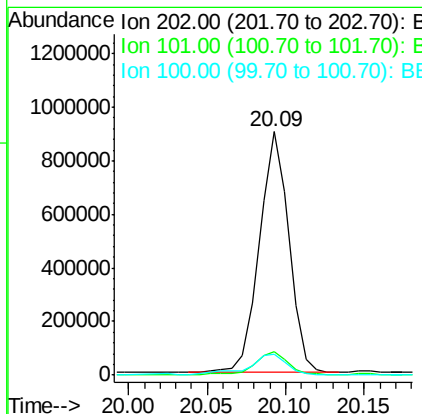
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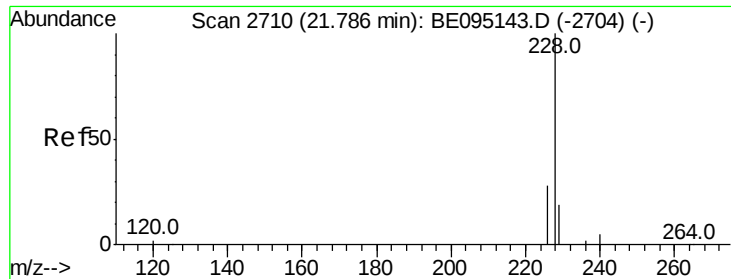
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#17
Pyrene
 Concen: 23.553 ng/ul
 RT: 20.09 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: BE095159.D
 Acq: 27 Jan 2018 9:48

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	18.2	27.4#
100	8.8	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 5.368 ng/ul

RT: 21.80 min Scan# 2712

Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

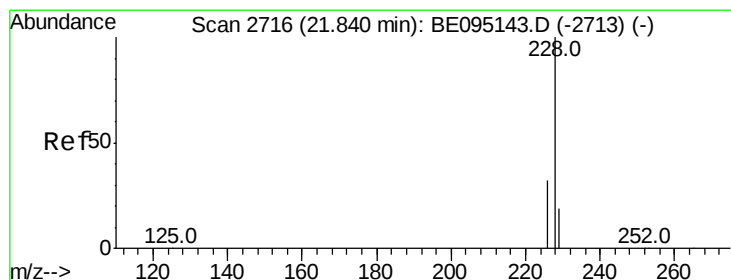
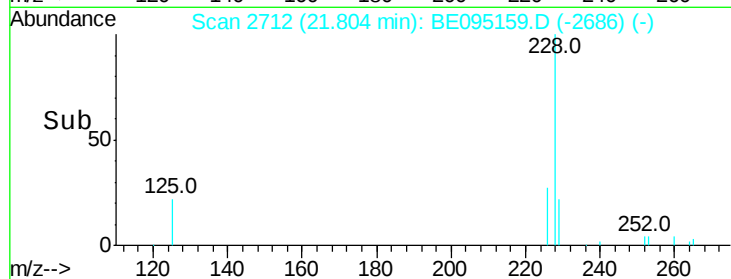
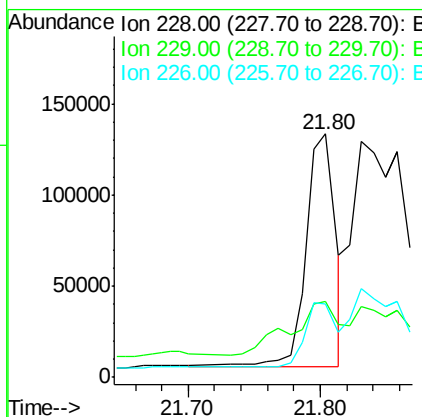
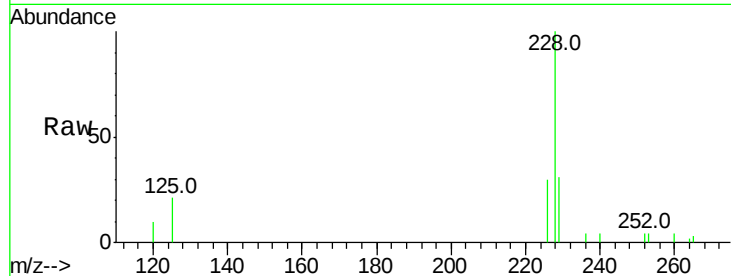
ClientSampleId :

F6A47

Tot Ion:	228	Resp:	249234
Ion Ratio	Lower	Upper	
228	100		
229	31.1	22.8	34.2
226	30.2	17.0	25.6#

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#19

Chrysene

Concen: 6.259 ng/ul

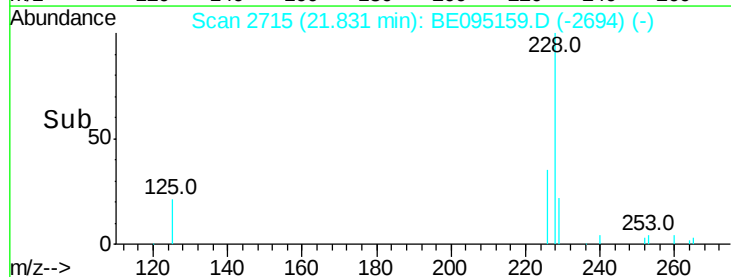
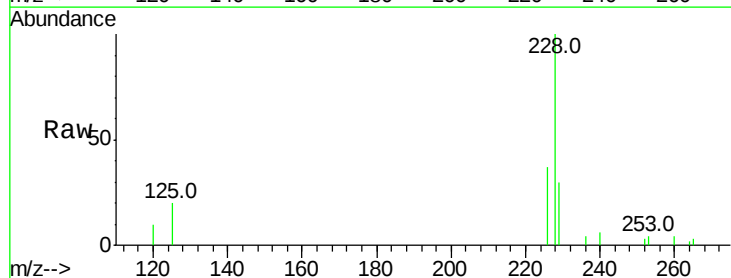
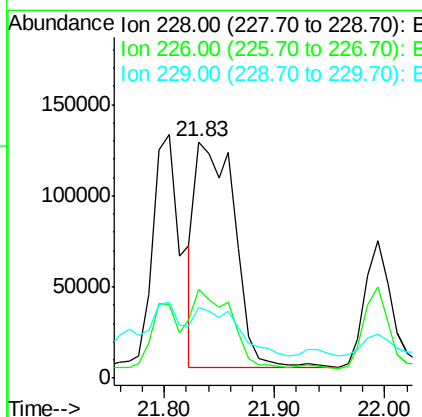
RT: 21.83 min Scan# 2715

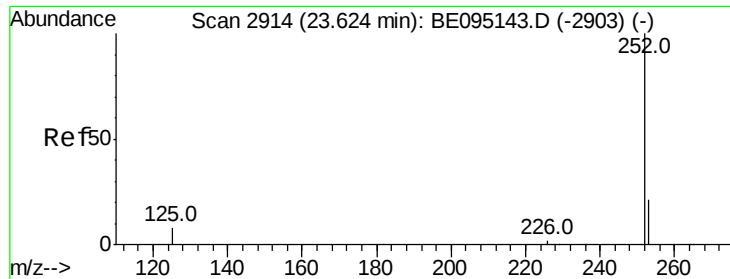
Delta R.T. -0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Tgt Ion:	228	Resp:	301748
Ion Ratio	Lower	Upper	
228	100		
226	37.4	23.4	35.0#
229	29.9	17.7	26.5#





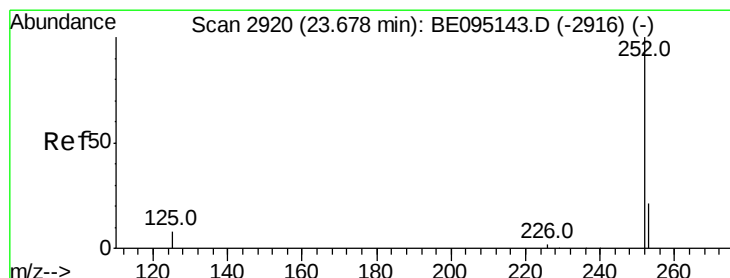
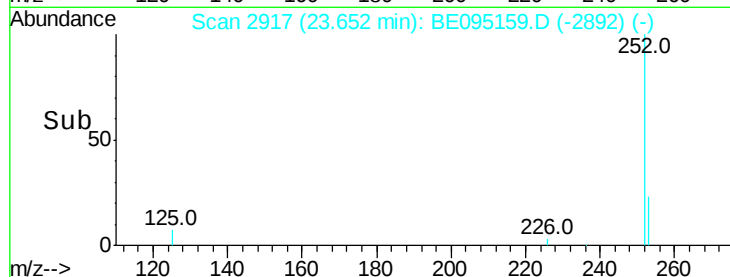
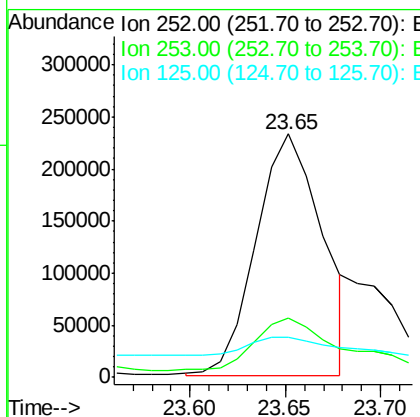
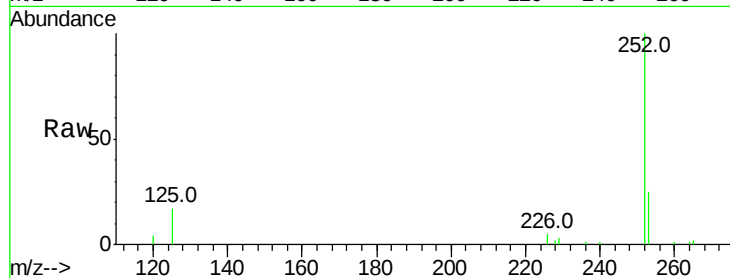
#21
Benzo(b)fluoranthene
Concen: 12.129 ng/ul m
RT: 23.65 min Scan# 2917
Delta R.T. 0.03 min
Lab File: BE095159.D
Acq: 27 Jan 2018 9:48

Instrument :
BNA_E
ClientSampleId :
F6A47

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.6	0.0	64.2
125	16.6	0.0	35.0

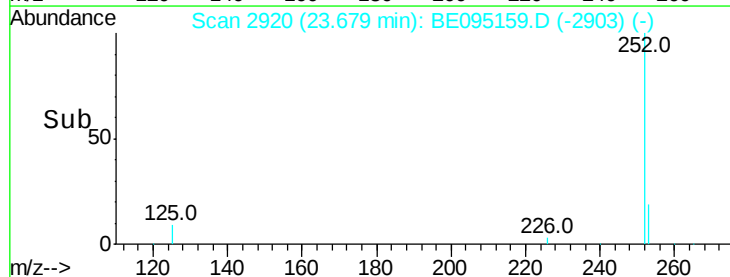
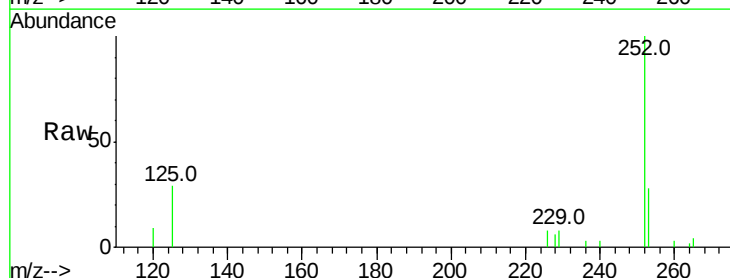
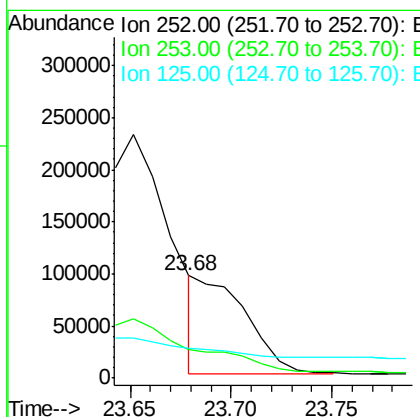
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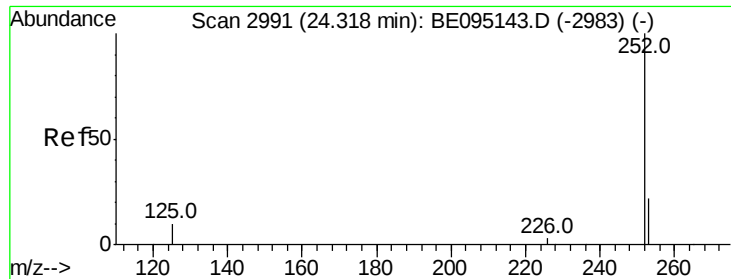
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#22
Benzo(k)fluoranthene
Concen: 3.689 ng/ul m
RT: 23.68 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BE095159.D
Acq: 27 Jan 2018 9:48

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.0	24.5	36.7
125	29.0	13.7	20.5





#23

Benzo(a)pyrene

Concen: 10.647 ng/ul m

RT: 24.35 min Scan# 2995

Delta R.T. 0.04 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

ClientSampleId :

F6A47

Tot Ion:252 Resp: 439517

Ion Ratio Lower Upper

252 100

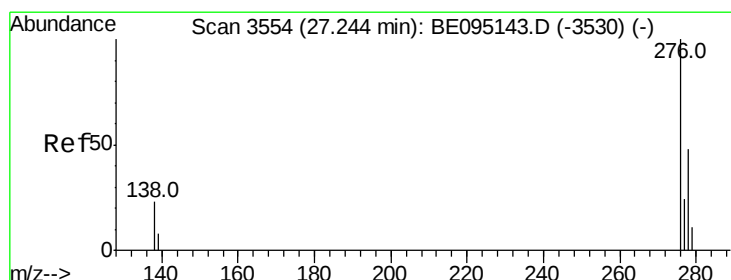
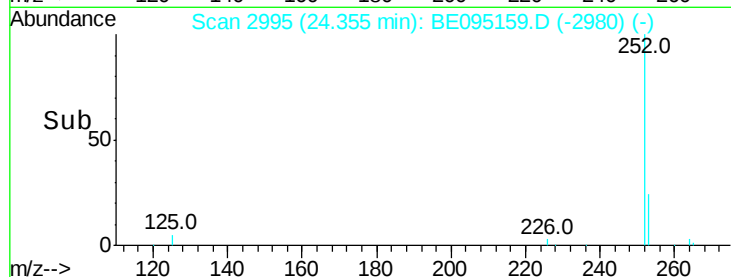
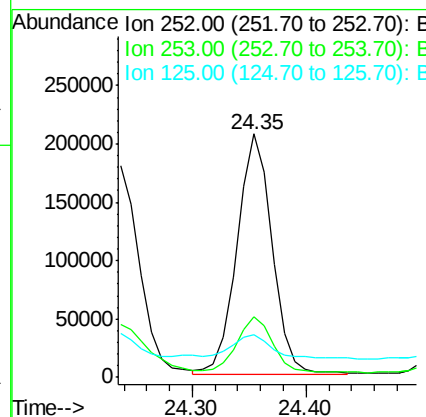
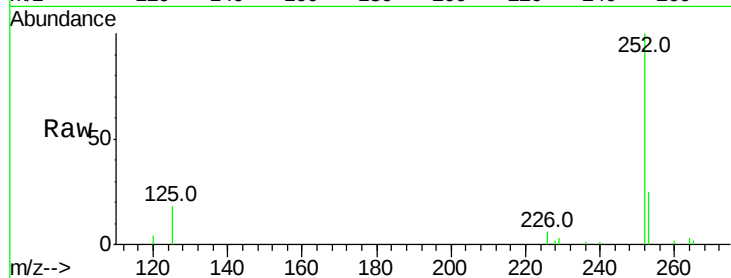
253 24.8 28.5 42.7#

125 17.5 18.1 27.1#

Manual Integrations
APPROVED

Sohil

1/29/2018 6:34:42 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.245 ng/ul m

RT: 27.31 min Scan# 3568

Delta R.T. 0.06 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

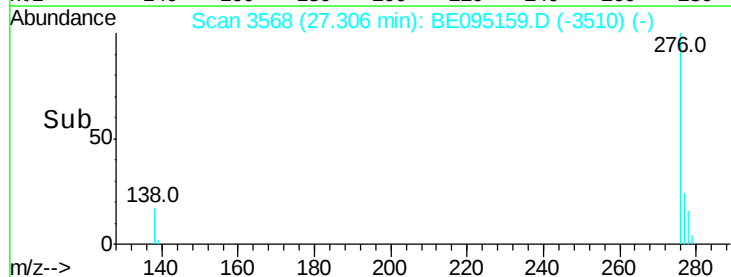
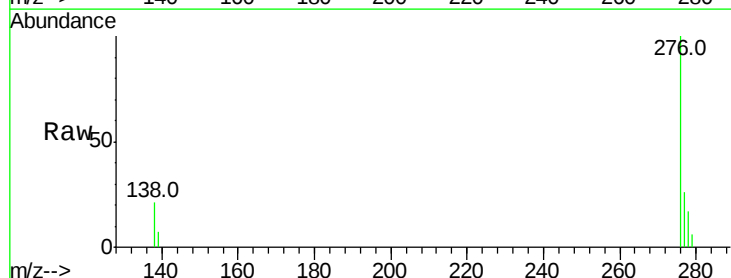
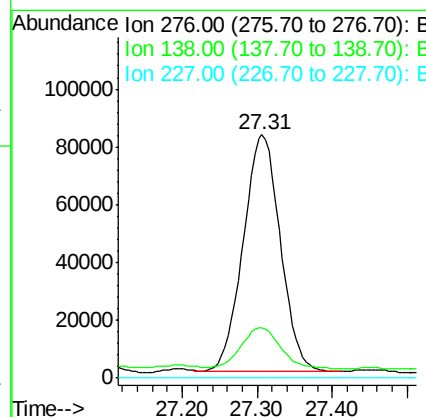
Tgt Ion:276 Resp: 282750

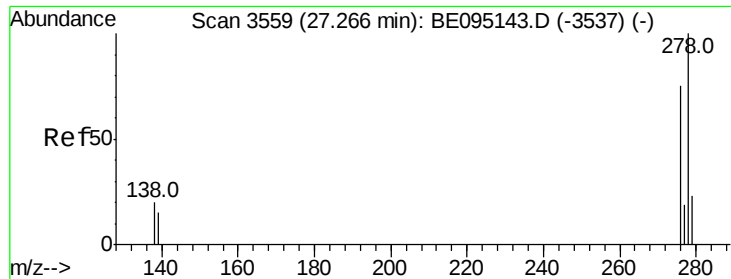
Ion Ratio Lower Upper

276 100

138 0.7 28.0 42.0#

227 0.0 8.0 12.0#





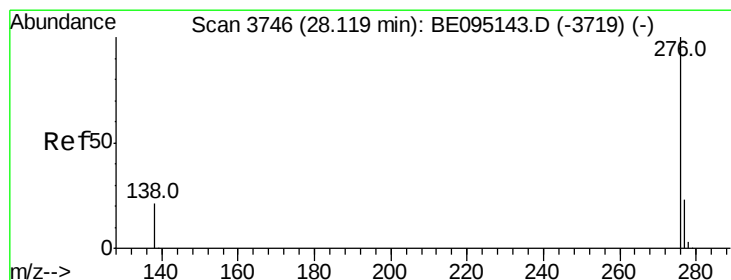
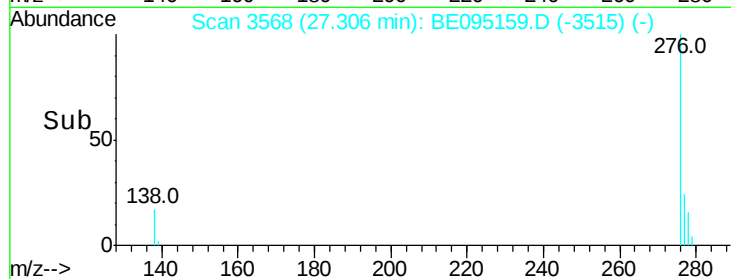
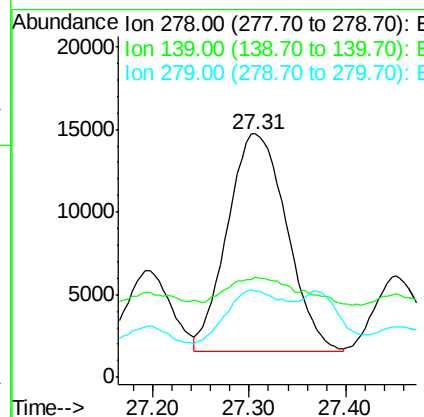
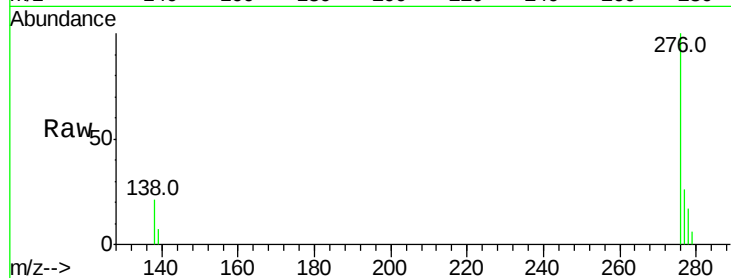
#25
Dibenzo(a,h)anthracene
Concen: 1.528 ng/ul m
RT: 27.31 min Scan# 3568
Delta R.T. 0.04 min
Lab File: BE095159.D
Acq: 27 Jan 2018 9:48

Instrument :
BNA_E
ClientSampleId :
F6A47

Tot Ion	Ratio	Lower	Upper
278	100		
139	41.2	17.4	26.0#
279	35.4	25.9	38.9

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:42 PM



#26
Benzo(g,h,i)perylene
Concen: 7.622 ng/ul m
RT: 28.19 min Scan# 3762
Delta R.T. 0.07 min
Lab File: BE095159.D
Acq: 27 Jan 2018 9:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.8	32.8#
277	25.5	20.5	30.7

