

Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095423.D
 Acq On : 3 Feb 2018 6:41
 Operator : SJ/JU
 Sample : J1295-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C12DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 5:48:58 PM

Quant Time: Feb 05 01:26:36 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 Feb 03 05:26:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1972	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6042	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3665	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8210	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8041	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8144	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	644	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1758	0.06	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	6130	0.348	ng/ul	98
9) Fluorene	16.03	166	1072	0.076	ng/ul#	81
11) Pentachlorophenol	17.36	266	4866	3.060	ng/ul	97
12) Phenanthrene	17.75	178	1554m	0.056	ng/ul	
13) Anthracene	17.85	178	5656	0.224	ng/ul	95
15) Fluoranthene	19.72	202	177699	4.970	ng/ul	82
17) Pyrene	20.07	202	249452	9.245	ng/ul#	79
18) Benzo(a)anthracene	21.78	228	60373	2.401	ng/ul#	84
19) Chrysene	21.84	228	79090	3.030	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	79441m	2.765	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	25327m	0.964	ng/ul	
23) Benzo(a)pyrene	24.31	252	30345	1.183	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.23	276	17528	0.623	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.25	278	4251	0.185	ng/ul	94
26) Benzo(g,h,i)perylene	28.12	276	12025	0.505	ng/ul#	94

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

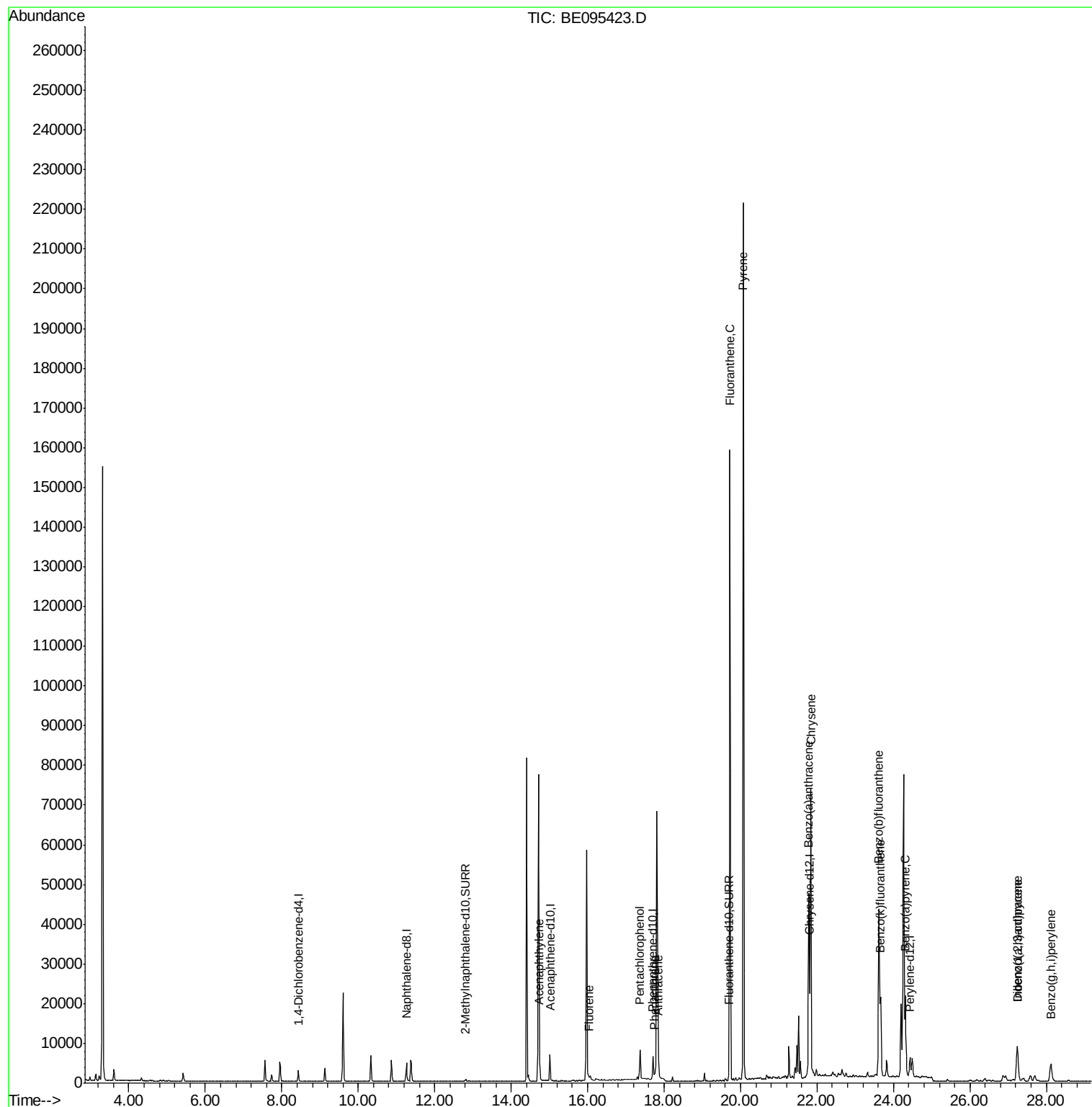
Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
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ALS Vial : 31 Sample Multiplier: 1

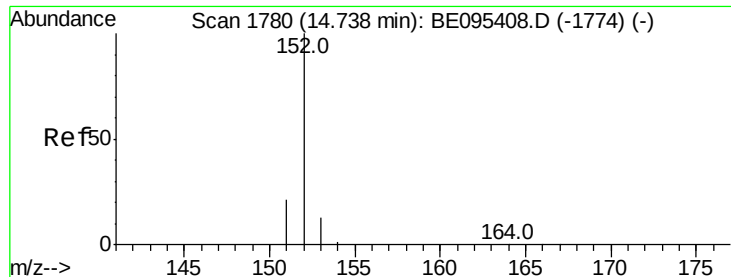
Instrument :
BNA_E
ClientSampleId :
F6C12DL

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Quant Time: Feb 05 01:26:36 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 Feb 03 05:26:35 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.348 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Instrument :

BNA_E

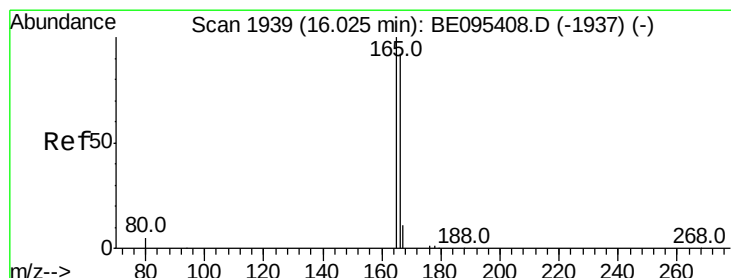
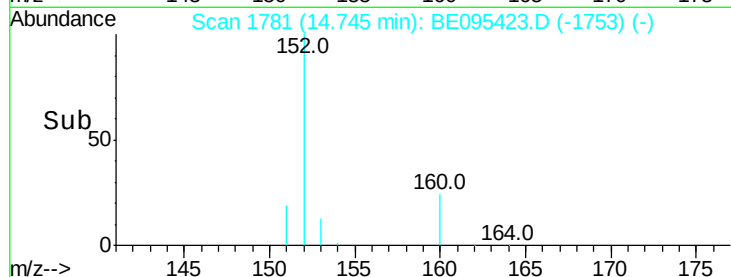
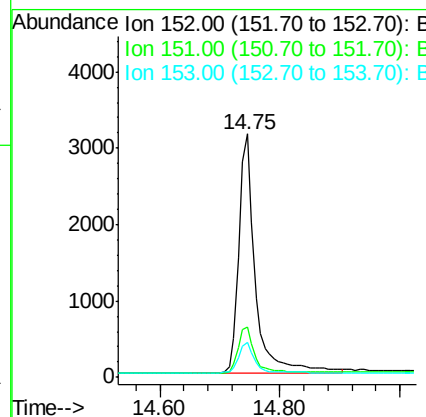
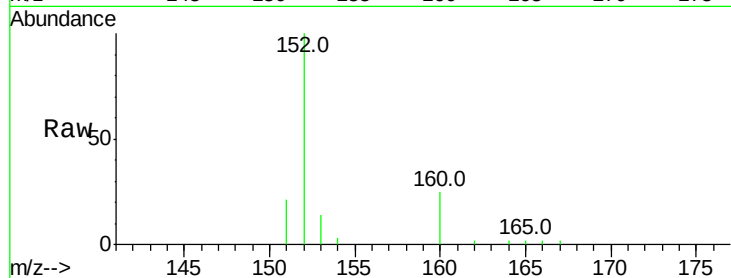
ClientSampleId :

F6C12DL

Tot Ion:	152	Resp:	6130
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	14.4	12.8	19.2

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#9

Fluorene

Concen: 0.076 ng/ul

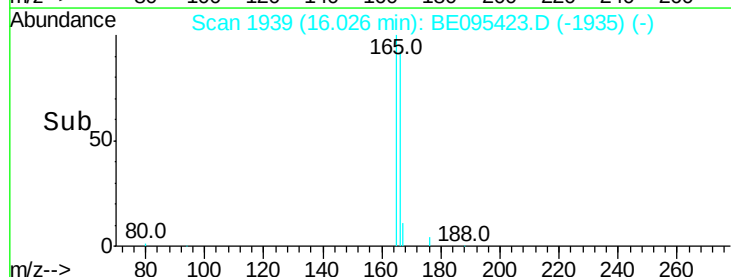
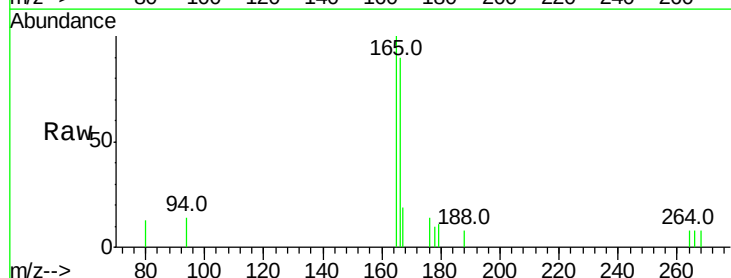
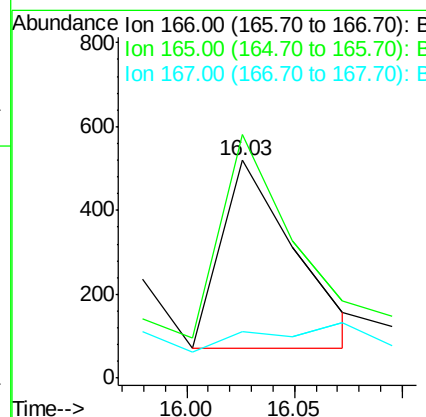
RT: 16.03 min Scan# 1939

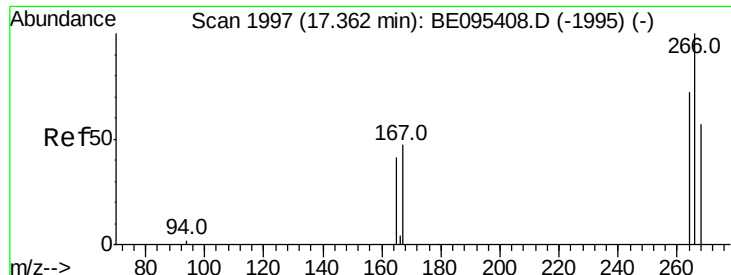
Delta R.T. 0.00 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Tgt Ion:	166	Resp:	1072
Ion Ratio	Lower	Upper	
166	100		
165	111.7	73.4	110.2#
167	21.5	14.6	22.0





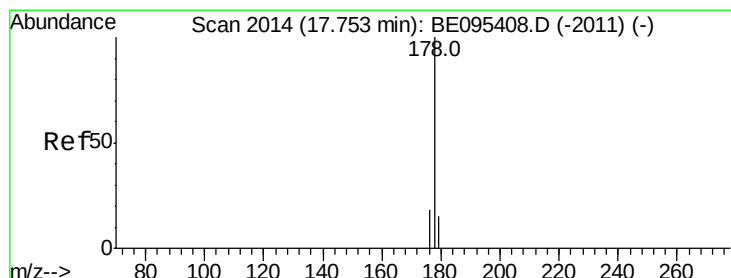
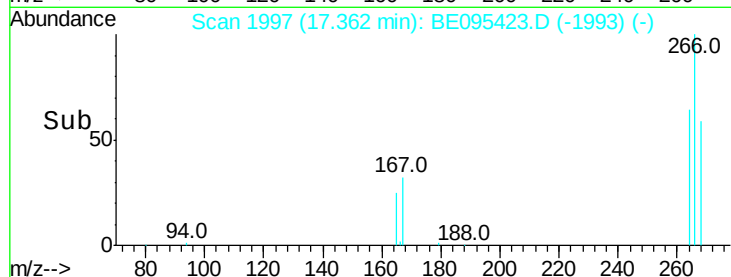
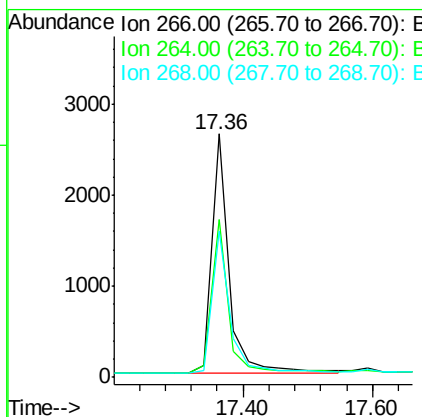
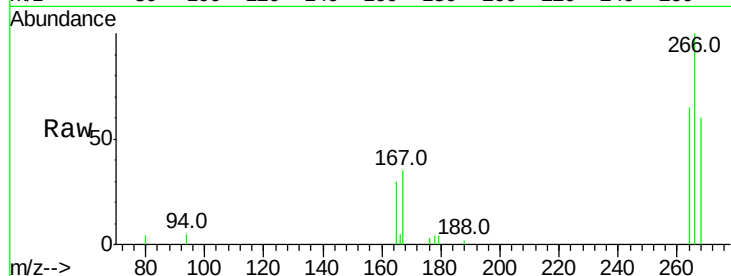
#11
 Pentachlorophenol
 Concen: 3.060 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095423.D
 Acq: 3 Feb 2018 6:41

Instrument :
 BNA_E
 ClientSampleId :
 F6C12DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.6	47.9	71.9
268	62.7	49.8	74.8

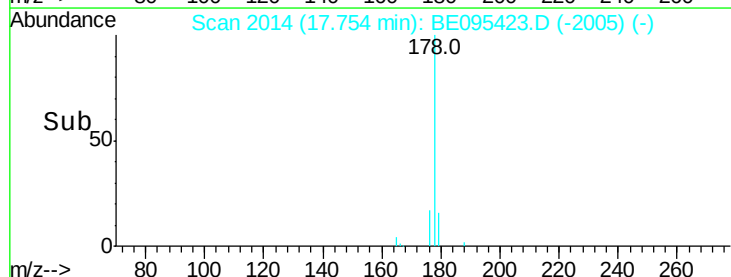
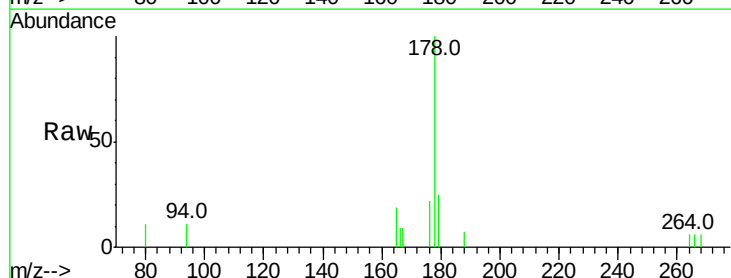
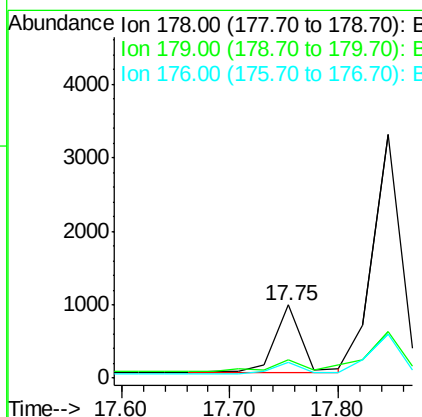
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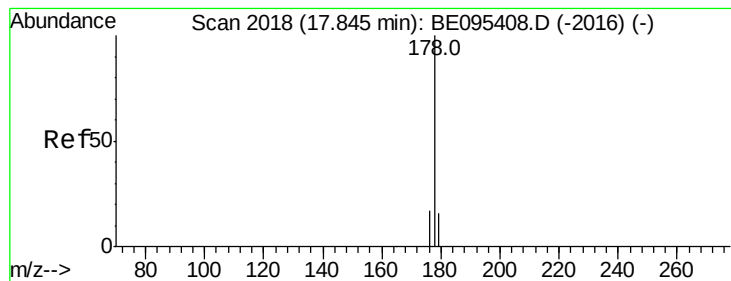
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#12
 Phenanthrene
 Concen: 0.056 ng/ul m
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095423.D
 Acq: 3 Feb 2018 6:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.7	18.4	27.6
176	22.5	13.6	20.4





#13

Anthracene

Concen: 0.224 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Instrument :

BNA_E

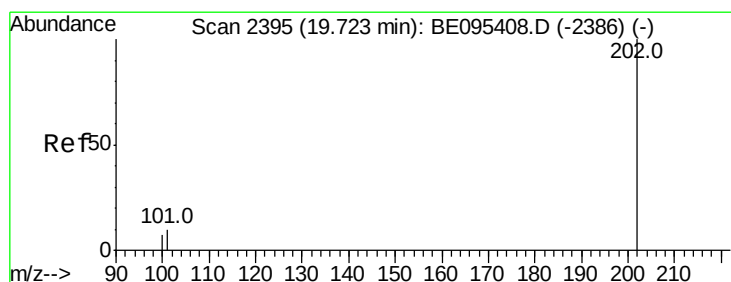
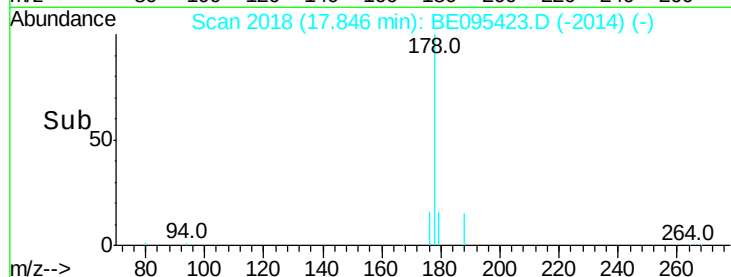
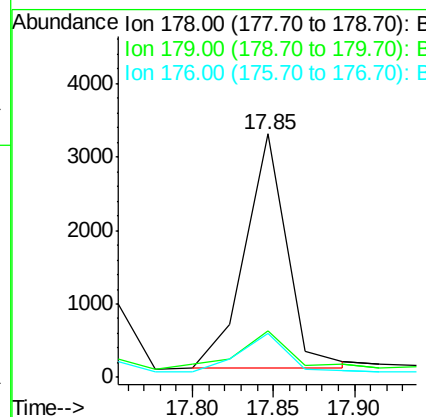
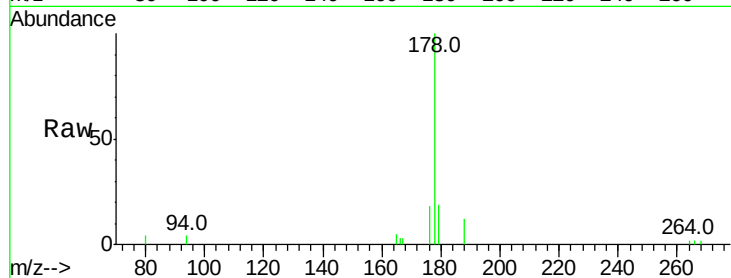
ClientSampleId :

F6C12DL

Tot Ion:	178	Resp:	5656
Ion Ratio	Lower	Upper	
178	100		
179	18.8	18.1	27.1
176	18.2	14.7	22.1

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#15

Fluoranthene

Concen: 4.970 ng/ul

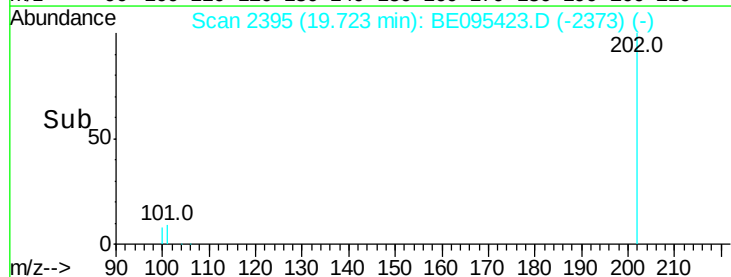
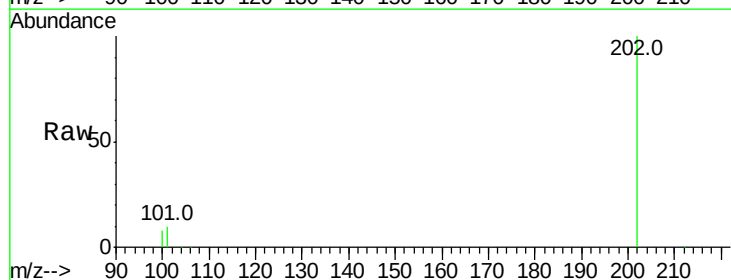
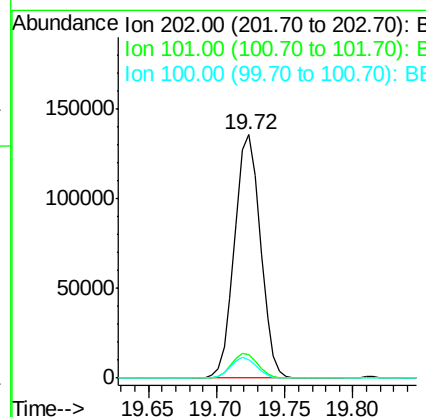
RT: 19.72 min Scan# 2395

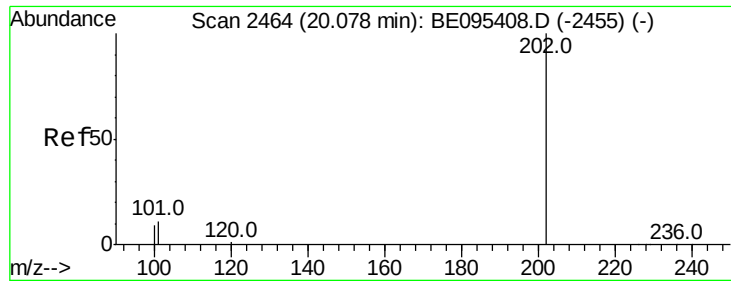
Delta R.T. 0.00 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Tgt Ion:	202	Resp:	177699
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.3
100	7.7	0.0	39.5





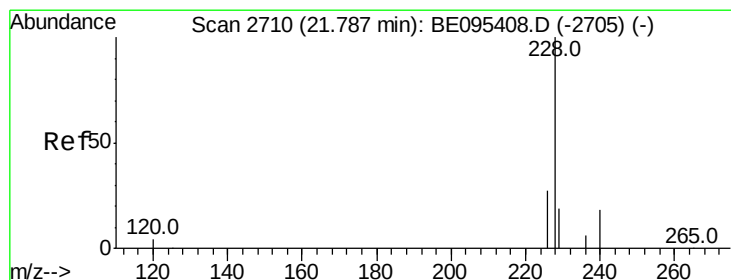
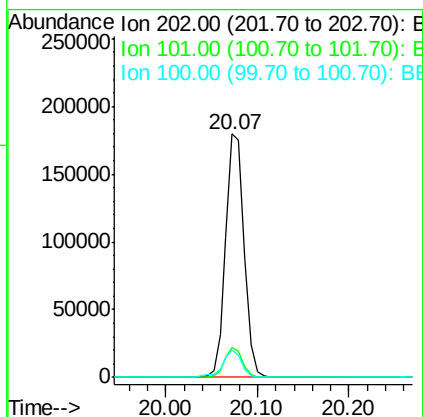
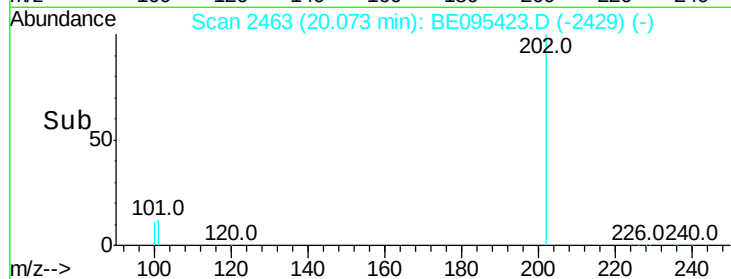
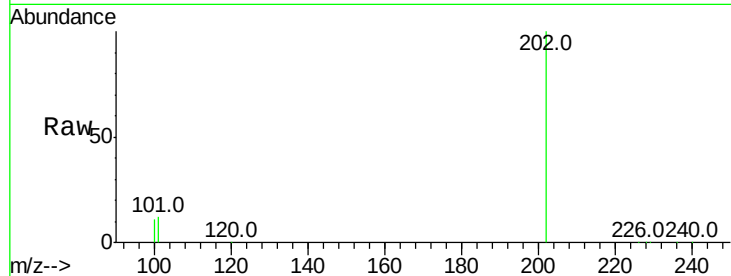
#17
 Pvrene
 Concen: 9.245 ng/ul
 RT: 20.07 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BE095423.D
 Acq: 3 Feb 2018 6:41

Instrument :
 BNA_E
 ClientSampleId :
 F6C12DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	11.0	15.6	23.4#

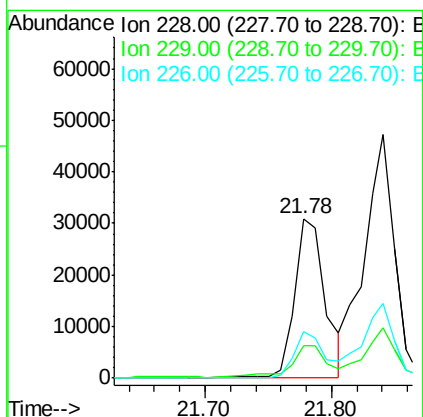
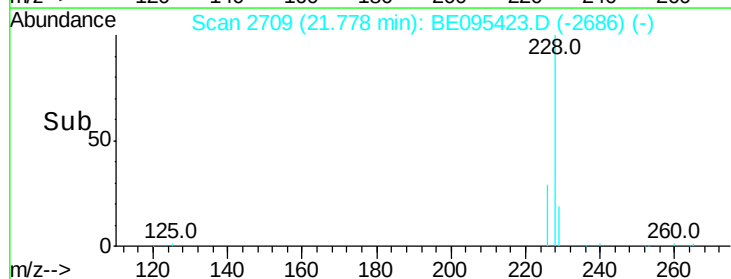
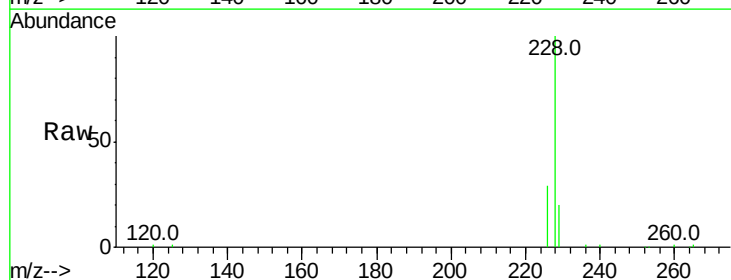
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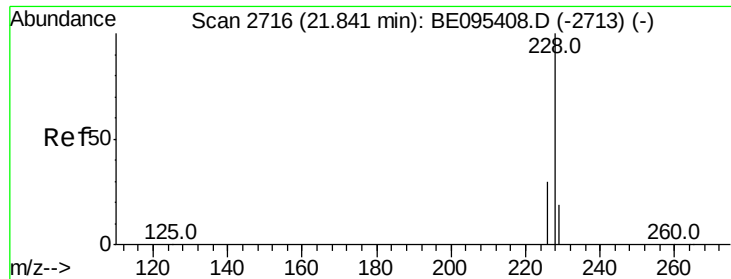
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 2/5/2018 5:48:58 PM



#18
 Benzo(a)anthracene
 Concen: 2.401 ng/ul
 RT: 21.78 min Scan# 2709
 Delta R.T. -0.01 min
 Lab File: BE095423.D
 Acq: 3 Feb 2018 6:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	29.4	17.0	25.6#





#19

Chrysene

Concen: 3.030 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Instrument :

BNA_E

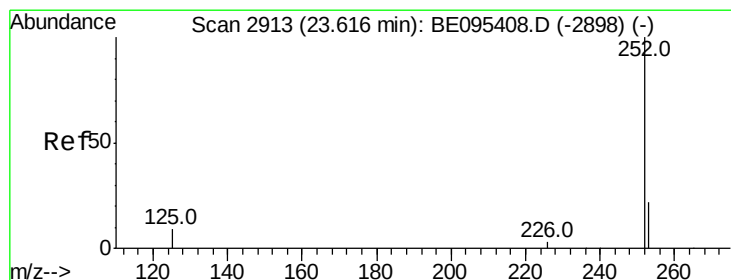
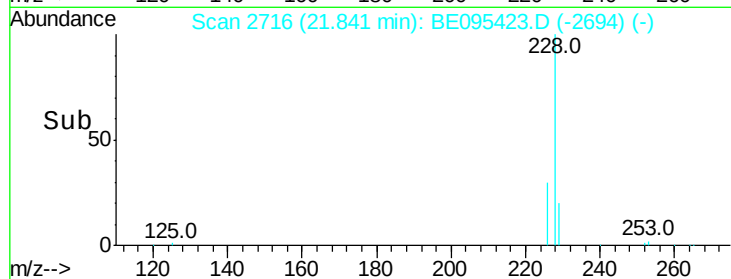
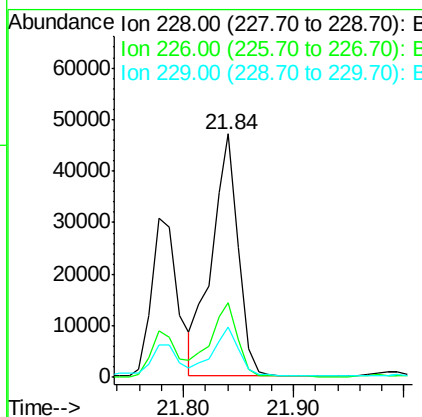
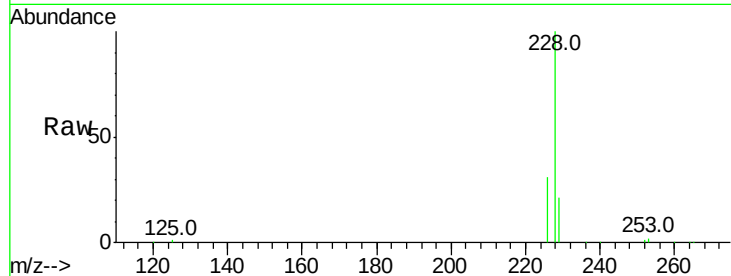
ClientSampleId :

F6C12DL

Tot Ion:	228	Resp:	79090
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	20.7	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 2.765 ng/ul m

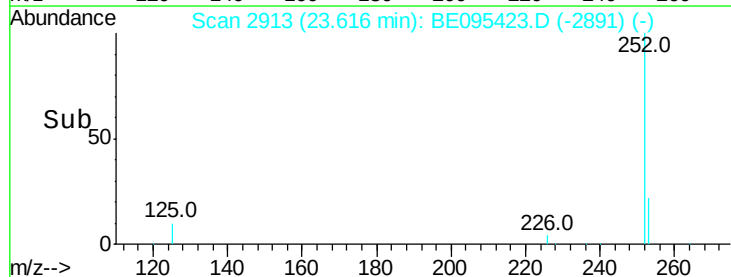
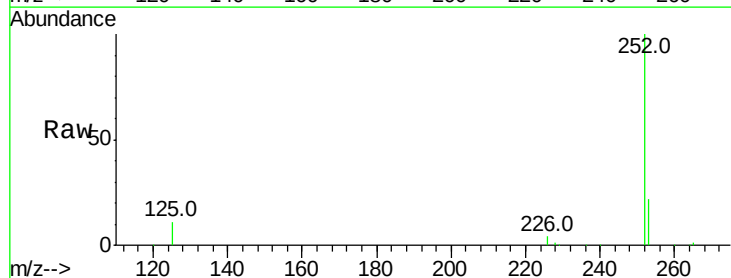
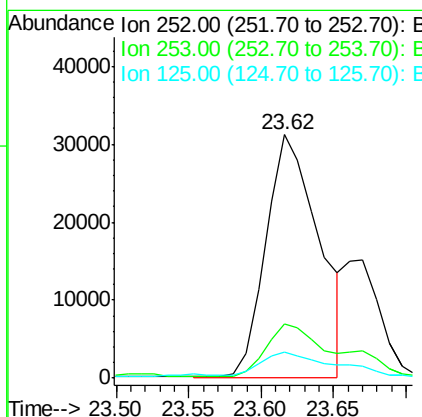
RT: 23.62 min Scan# 2913

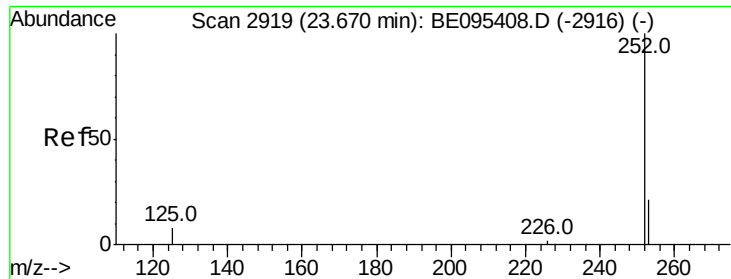
Delta R.T. 0.00 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Tgt Ion:	252	Resp:	79441
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	64.2
125	10.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.964 ng/ul m

RT: 23.67 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Instrument :

BNA_E

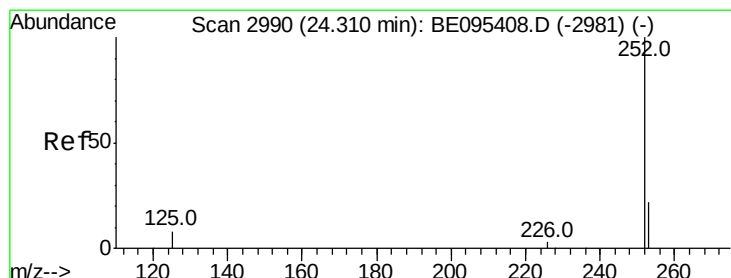
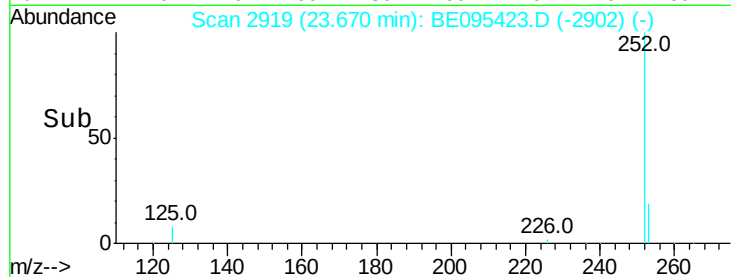
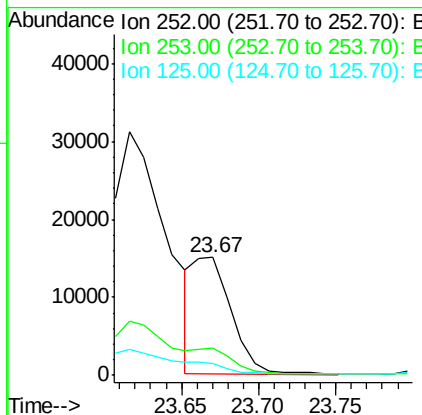
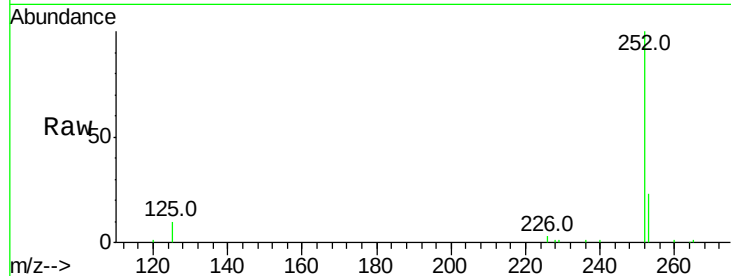
ClientSampled :

F6C12DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	25327		
253	23.3		24.5	36.7#
125	9.7		13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.183 ng/ul

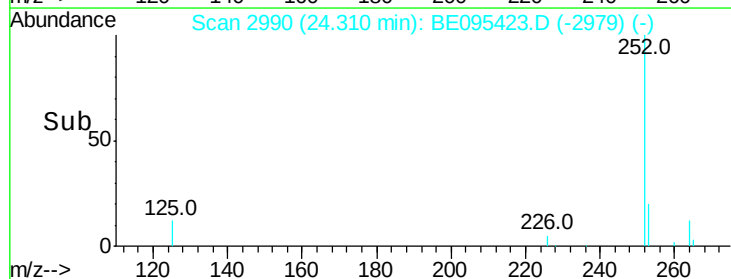
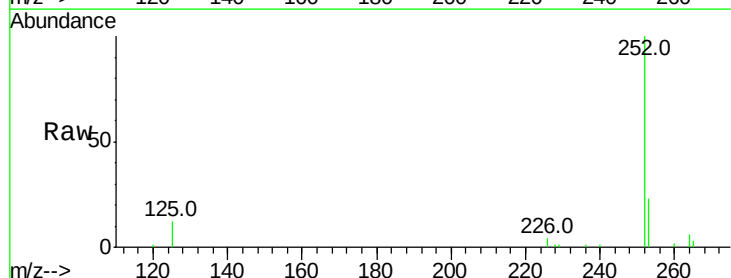
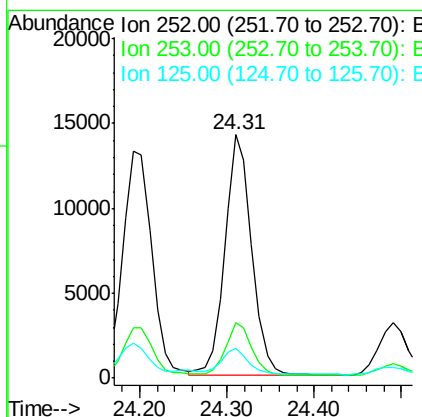
RT: 24.31 min Scan# 2990

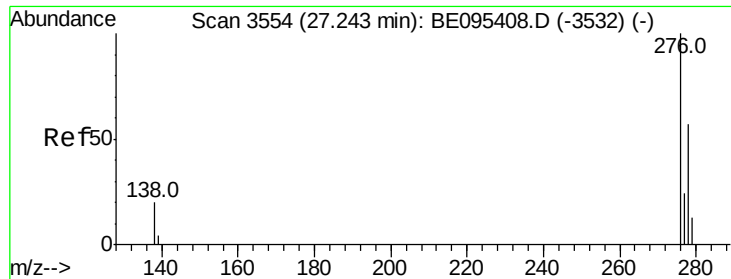
Delta R.T. 0.00 min

Lab File: BE095423.D

Acq: 3 Feb 2018 6:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30345		
253	22.6		28.5	42.7#
125	12.3		18.1	27.1#





#24

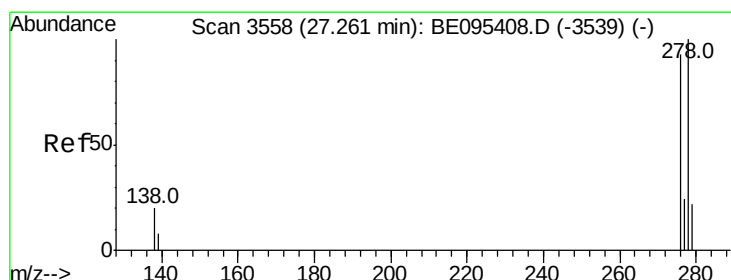
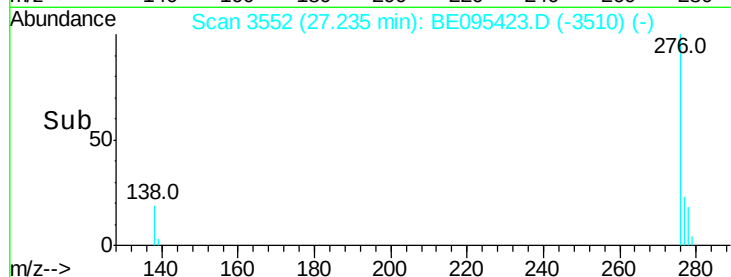
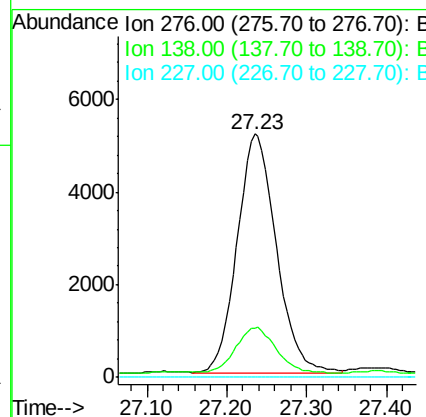
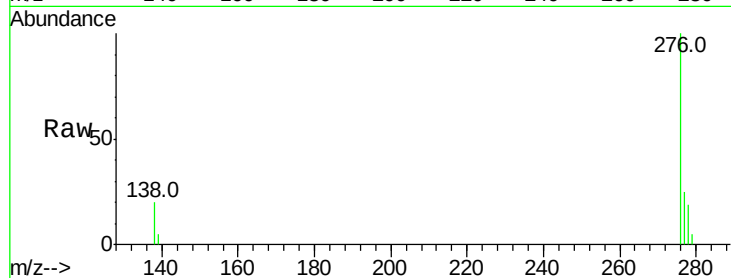
Indeno(1,2,3-cd)pyrene
Concen: 0.623 ng/ul
RT: 27.23 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BE095423.D
Acq: 3 Feb 2018 6:41

Instrument :
BNA_E
ClientSampleId :
F6C12DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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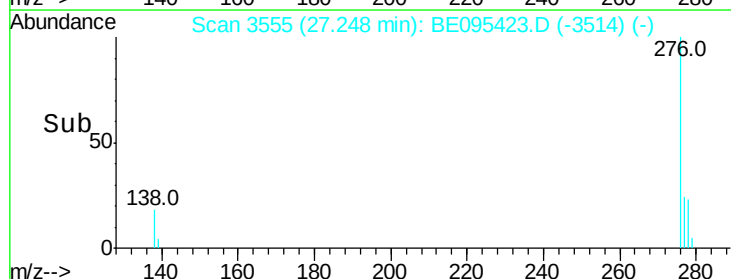
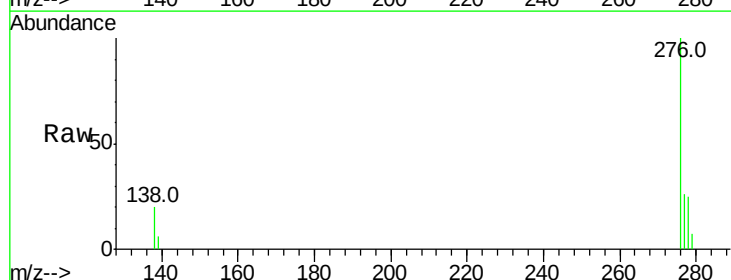
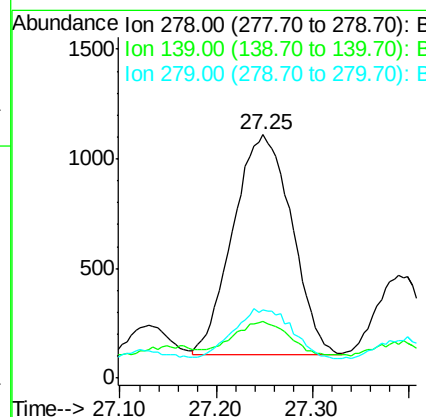
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2/5/2018 5:48:58 PM

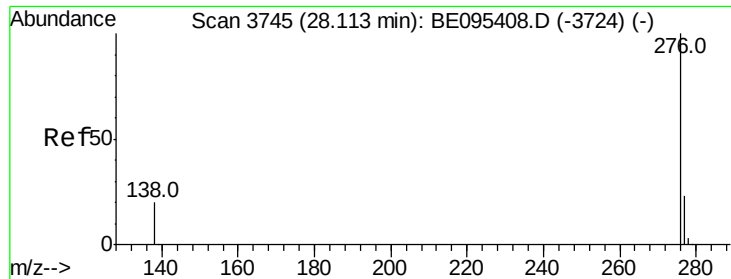


#25

Dibenzo(a,h)anthracene
Concen: 0.185 ng/ul
RT: 27.25 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BE095423.D
Acq: 3 Feb 2018 6:41

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	23.3	17.4	26.0
279	28.1	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.505 ng/ul
 RT: 28.12 min Scan# 3746
 Delta R.T. 0.01 min
 Lab File: BE095423.D
 Acq: 3 Feb 2018 6:41

Instrument :
 BNA_E
 ClientSampleId :
 F6C12DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.8	32.8#
277	24.8	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 2/5/2018 5:48:58 PM

