

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095901.D
 Acq On : 29 Mar 2018 5:39
 Operator : SJ/JU
 Sample : J2060-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS3

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:19:05 PM

Quant Time: Mar 29 07:52:39 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 07:00:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	2055	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	6296	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	4152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9104m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	8455m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	9636m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	3175	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	8315m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.29	128	2991	0.170	ng/ul#	92
5) 2-Methylnaphthalene	12.87	142	1221	0.100	ng/ul	99
8) Acenaphthene	15.06	153	5912	0.374	ng/ul	94
9) Fluorene	16.03	166	4121	0.241	ng/ul	92
12) Phenanthrene	17.75	178	118143m	4.333	ng/ul	
13) Anthracene	17.84	178	33597m	1.318	ng/ul	
15) Fluoranthene	19.72	202	357113m	10.813	ng/ul	
17) Pyrene	20.07	202	364125	11.342	ng/ul#	77
18) Benzo(a)anthracene	21.77	228	229900m	8.427	ng/ul	
19) Chrysene	21.83	228	201431	7.252	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	249493m	7.475	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	89151m	2.810	ng/ul	
23) Benzo(a)pyrene	24.31	252	152574m	5.007	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	85625m	2.534	ng/ul	
25) Dibenzo(a,h)anthracene	27.23	278	25094m	0.929	ng/ul	
26) Benzo(a,h,i)perylene	28.11	276	71171m	2.452	ng/ul	

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

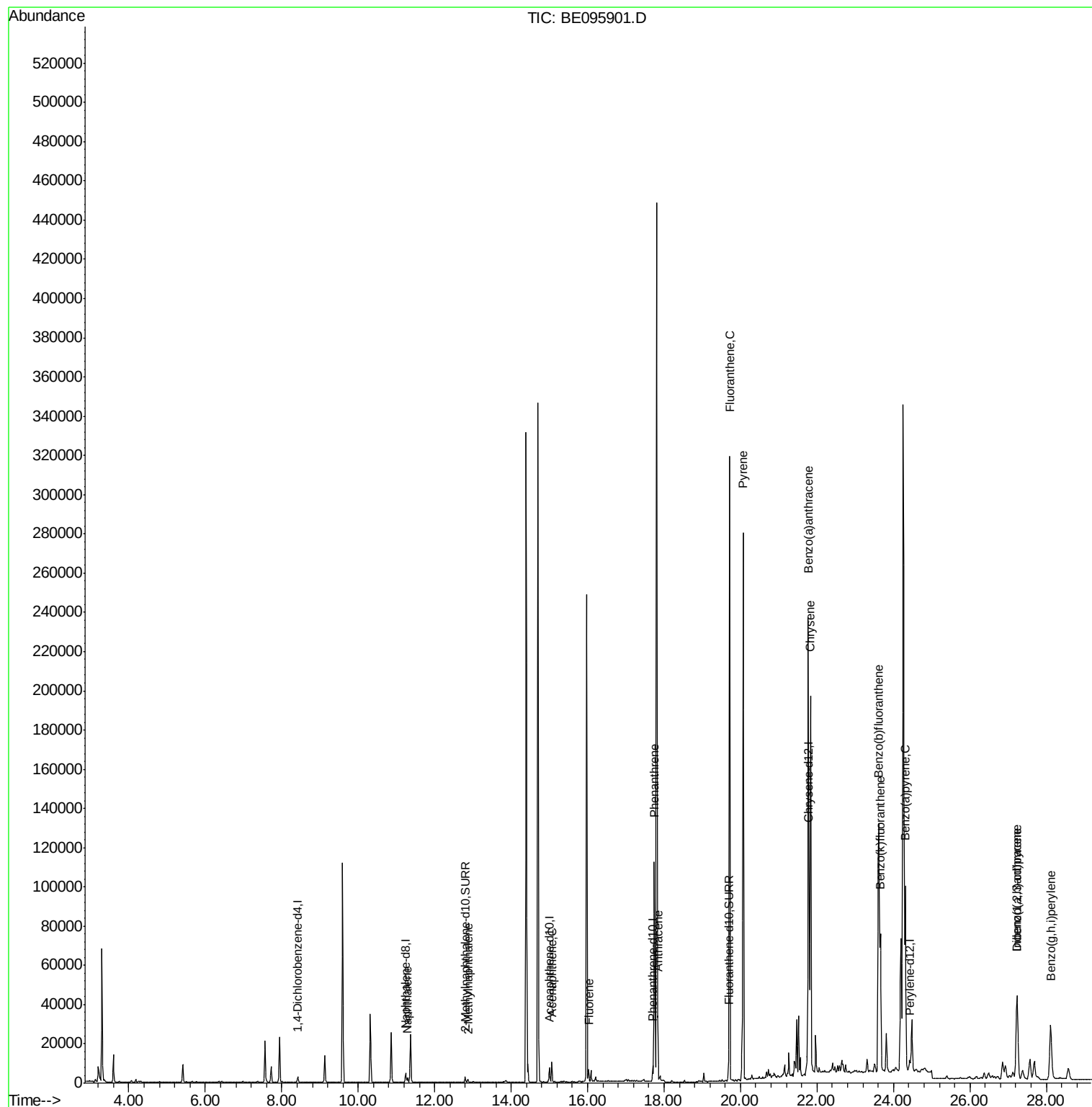
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
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ALS Vial : 31 Sample Multiplier: 1

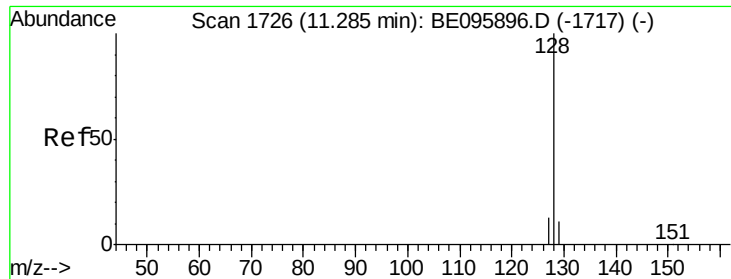
Instrument :
BNA_E
ClientSampleId :
C0AS3

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.170 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

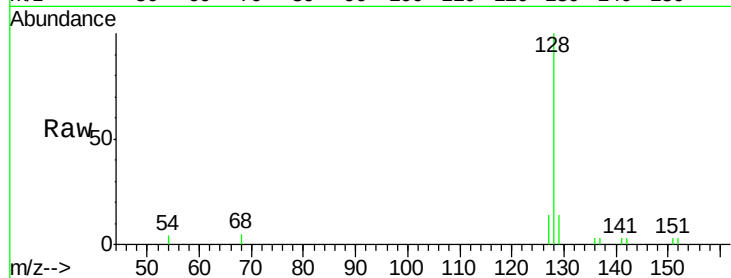
ClientSampled :

C0AS3

Tot Ion:	128	Resp:	2991
Ion Ratio	Lower	Upper	
128	100		
129	13.7	11.3	16.9
127	14.5	4.0	6.0#

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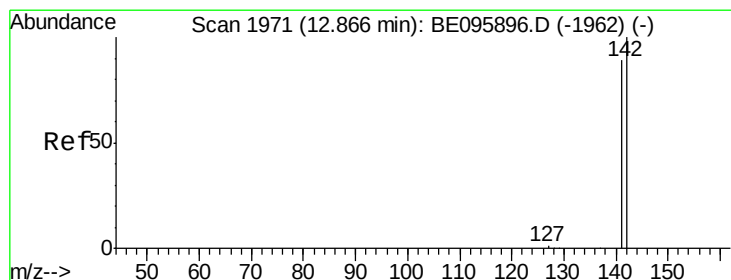
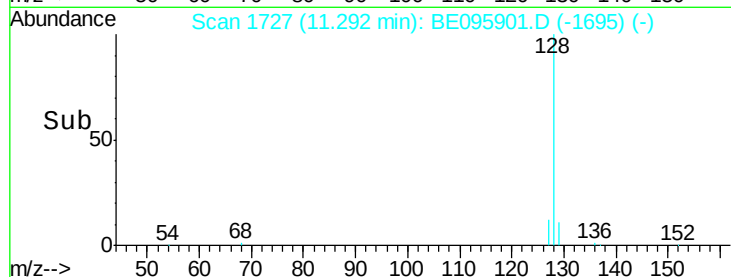
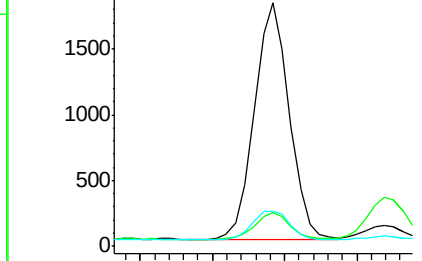
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.100 ng/ul

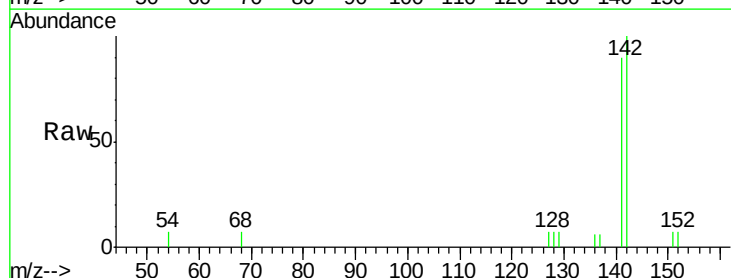
RT: 12.87 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BE095901.D

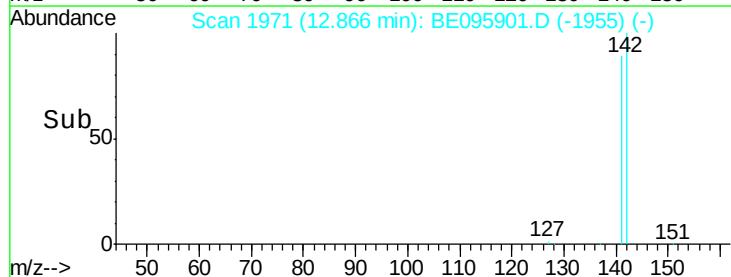
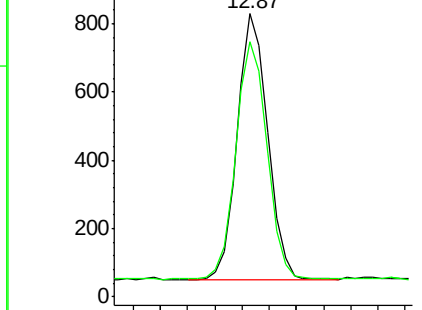
Acq: 29 Mar 2018 5:39

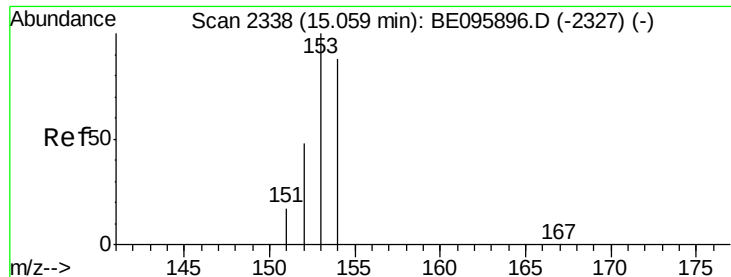
Tgt Ion:	142	Resp:	1221
Ion Ratio	Lower	Upper	
142	100		
141	91.6	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.374 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

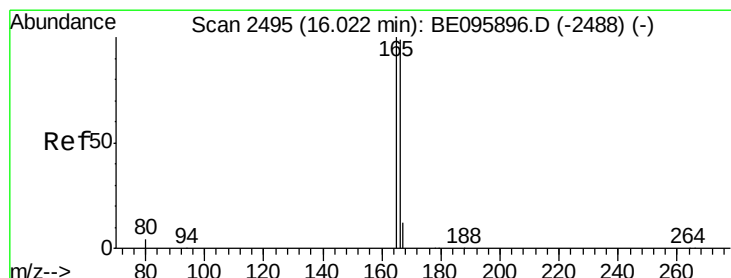
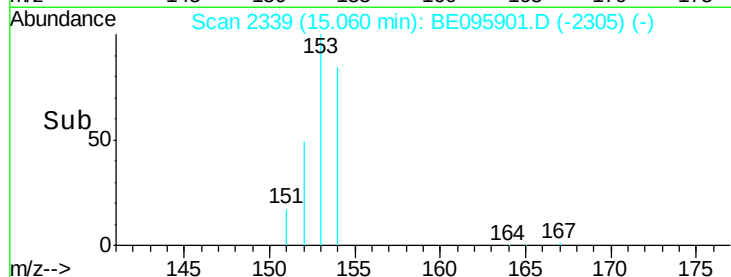
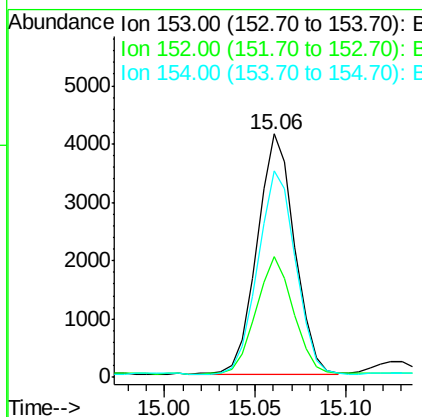
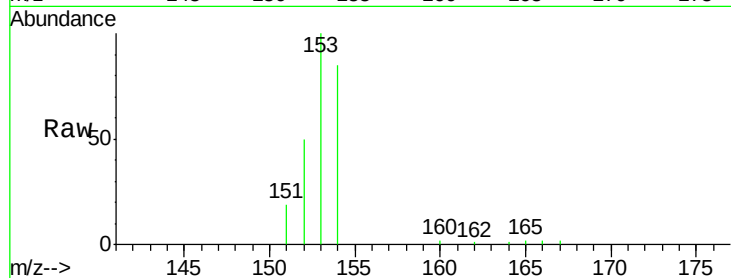
ClientSampleId :

C0AS3

Tot Ion:	153	Resp:	5912
Ion	Ratio	Lower	Upper
153	100		
152	49.7	36.0	54.0
154	84.9	72.0	108.0

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#9

Fluorene

Concen: 0.241 ng/ul

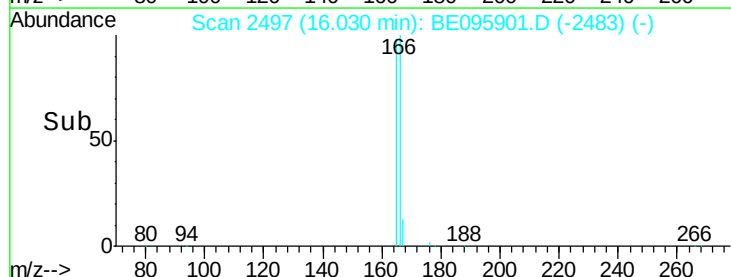
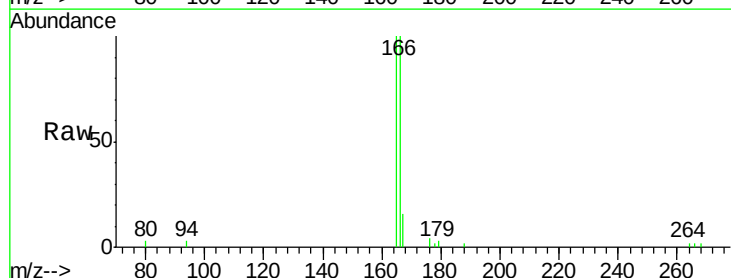
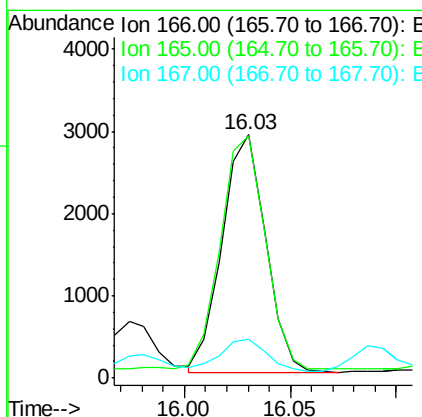
RT: 16.03 min Scan# 2497

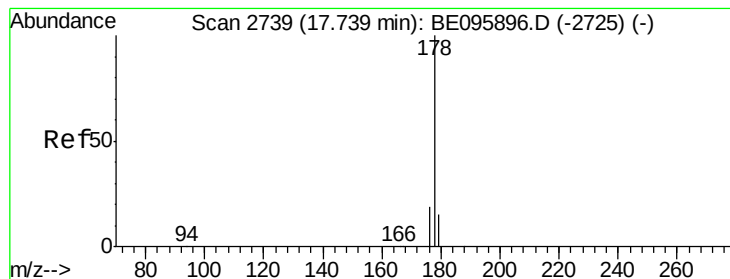
Delta R.T. 0.01 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Tgt Ion:	166	Resp:	4121
Ion	Ratio	Lower	Upper
166	100		
165	99.7	73.4	110.2
167	15.9	14.6	22.0





#12

Phenanthrene

Concen: 4.333 ng/ul m

RT: 17.75 min Scan# 2741

Delta R.T. 0.01 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

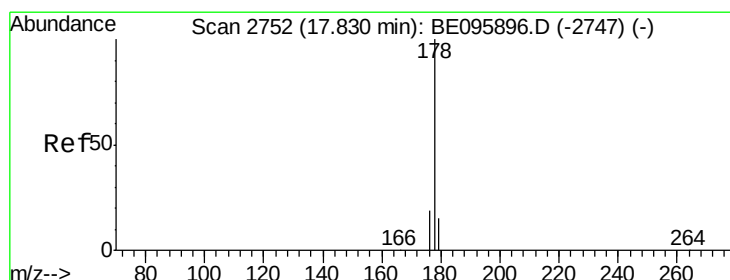
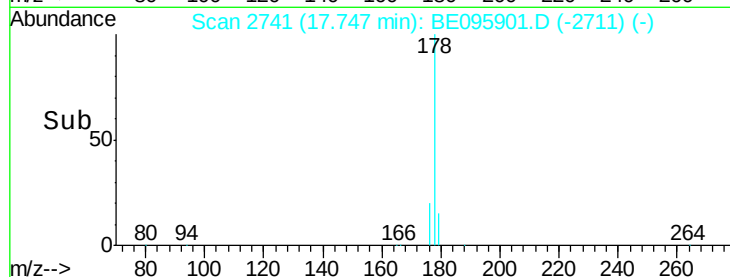
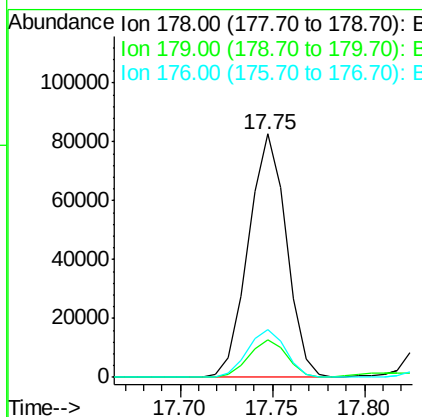
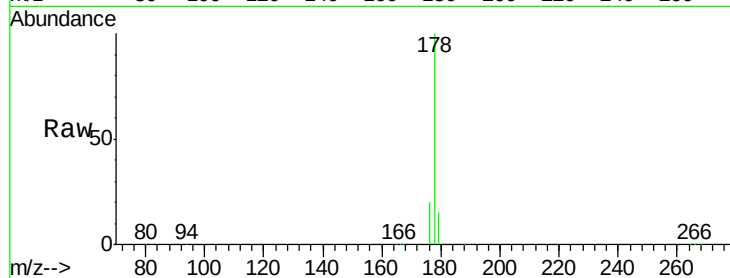
ClientSampleId :

C0AS3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.8	13.6	20.4

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#13

Anthracene

Concen: 1.318 ng/ul m

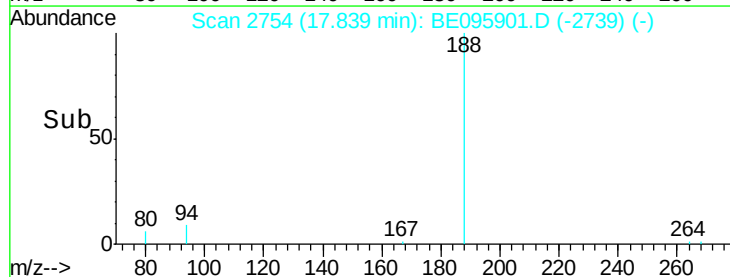
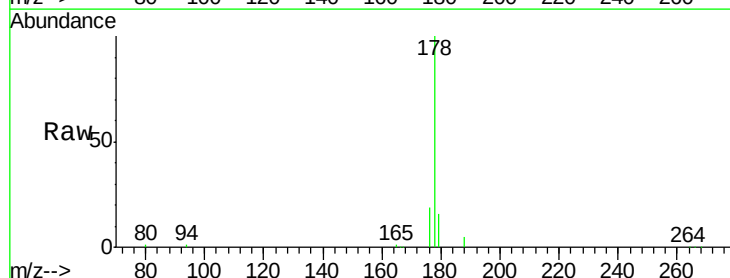
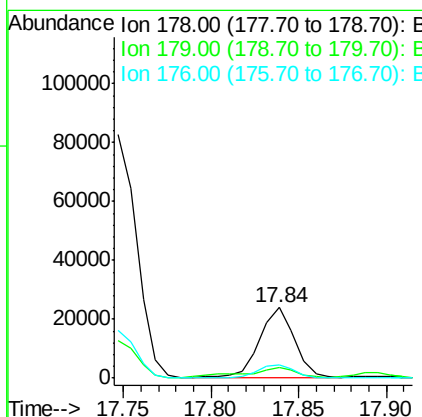
RT: 17.84 min Scan# 2754

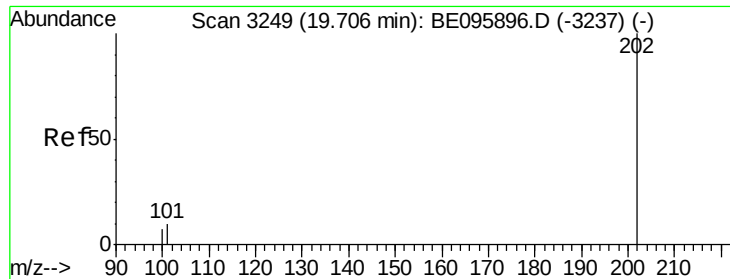
Delta R.T. 0.01 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.1	14.7	22.1





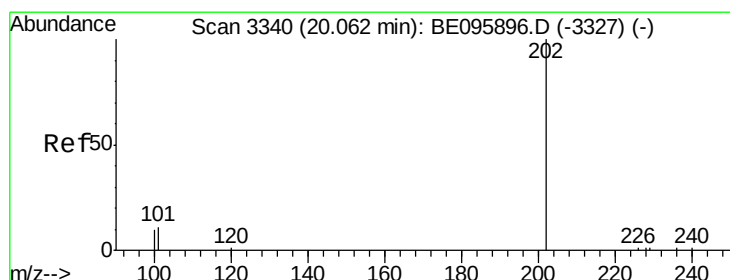
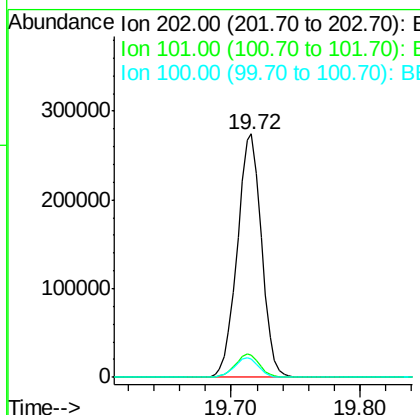
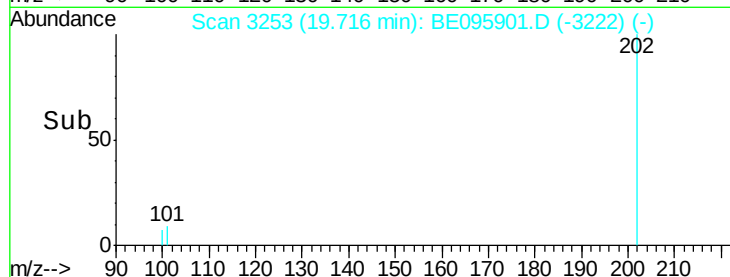
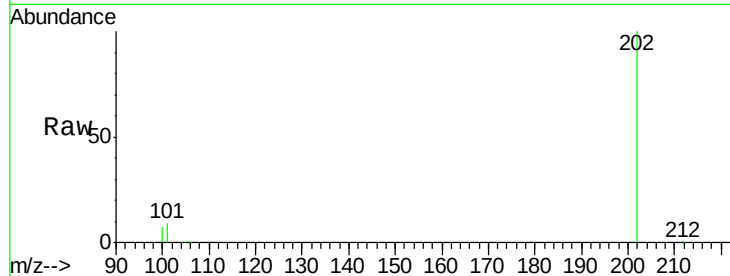
#15
Fluoranthene
Concen: 10.813 ng/ul m
RT: 19.72 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Instrument :
BNA_E
ClientSampleId :
C0AS3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	0.0	30.3
100	7.3	0.0	39.5

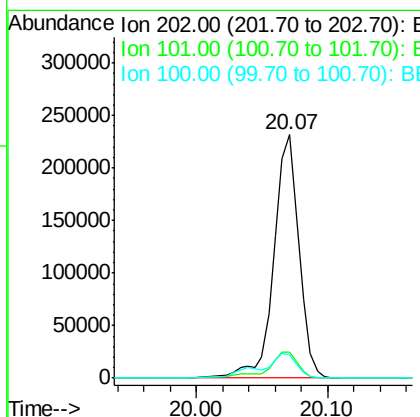
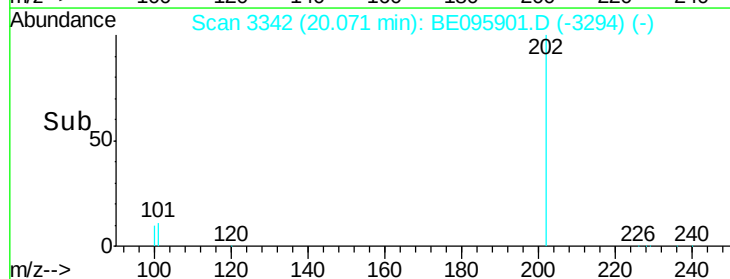
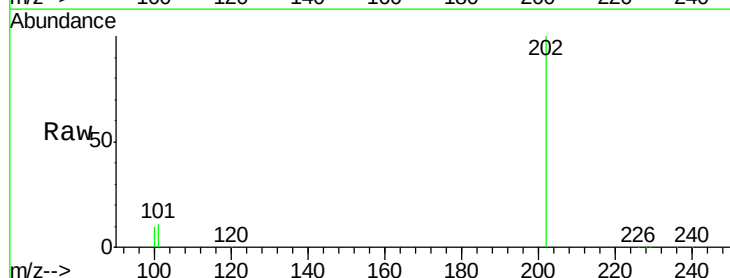
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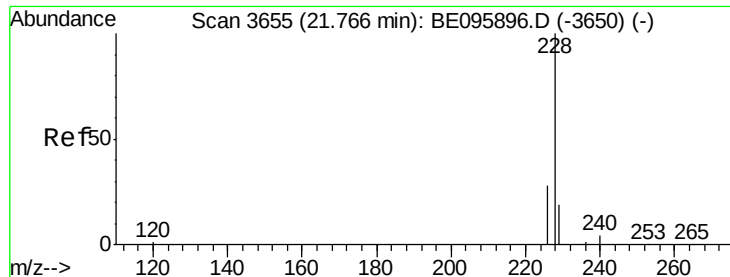
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#17
Pyrene
Concen: 11.342 ng/ul
RT: 20.07 min Scan# 3342
Delta R.T. 0.01 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	18.2	27.4#
100	9.5	15.6	23.4#





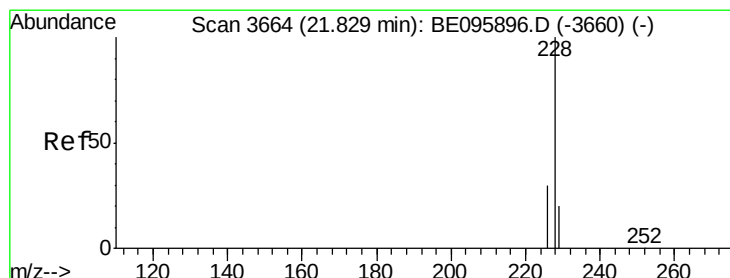
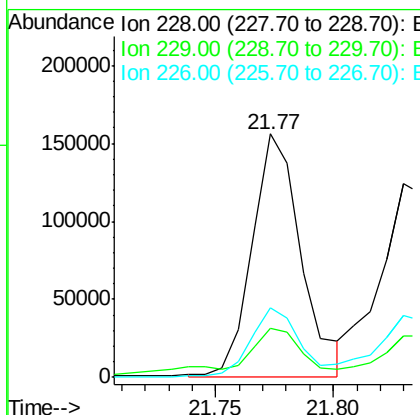
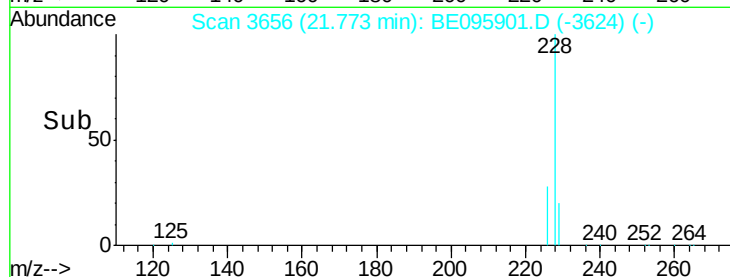
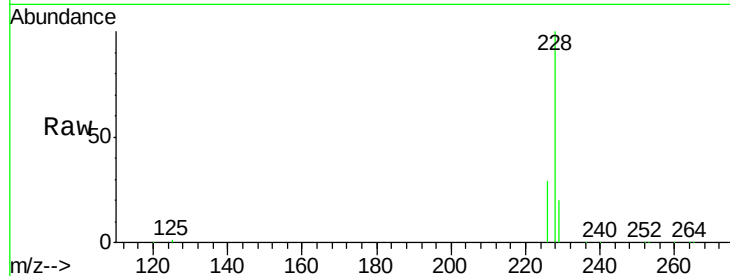
#18
Benzo(a)anthracene
Concen: 8.427 ng/ul m
RT: 21.77 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Instrument :
BNA_E
ClientSampled :
C0AS3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	22.8	34.2#
226	28.6	17.0	25.6#

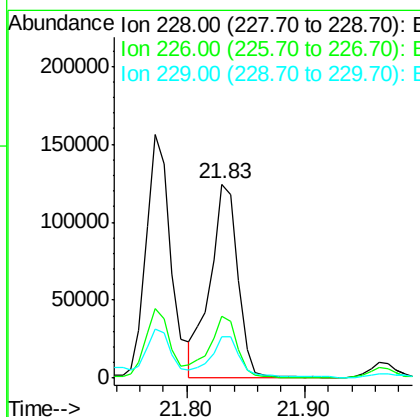
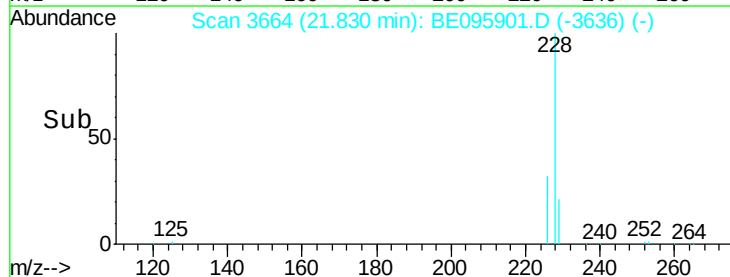
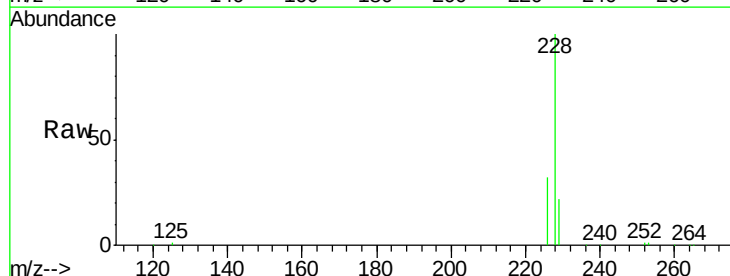
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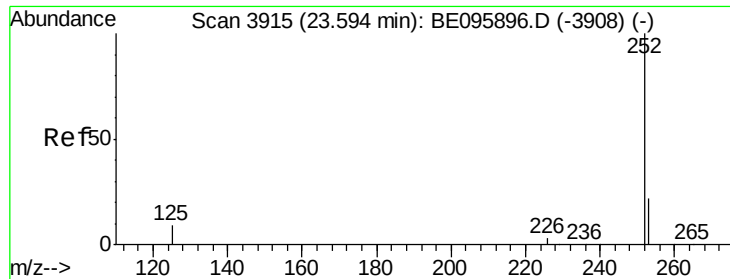
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#19
Chrysene
Concen: 7.252 ng/ul
RT: 21.83 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	21.6	17.7	26.5





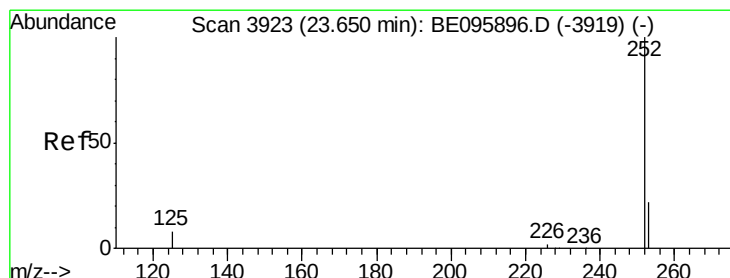
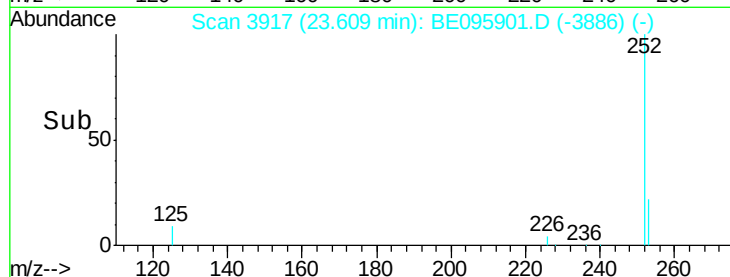
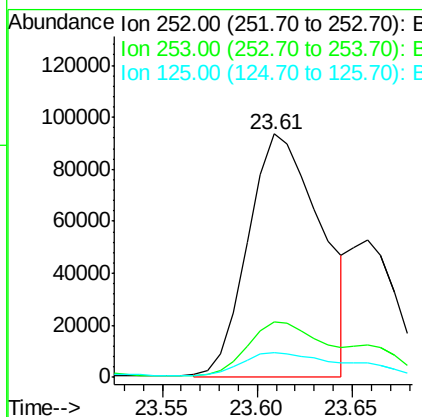
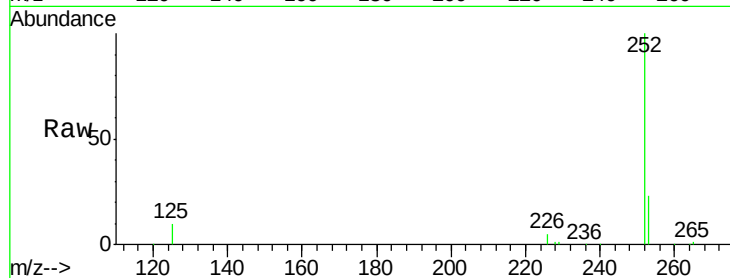
#21
Benzo(b)fluoranthene
Concen: 7.475 ng/ul m
RT: 23.61 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Instrument :
BNA_E
ClientSampleId :
C0AS3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	0.0	64.2
125	10.3	0.0	35.0

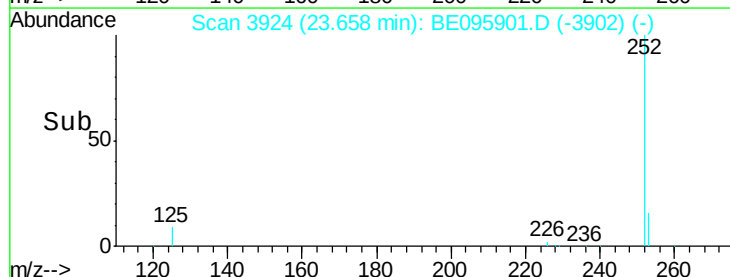
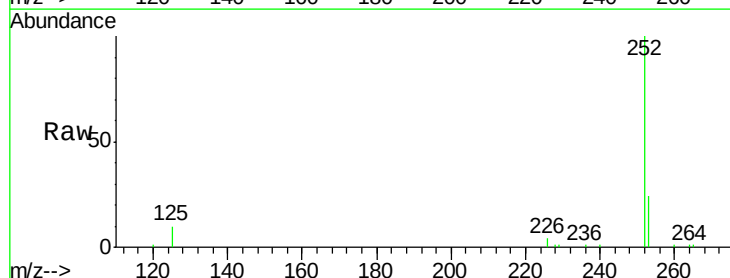
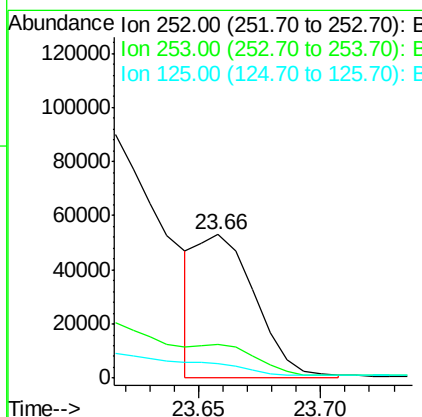
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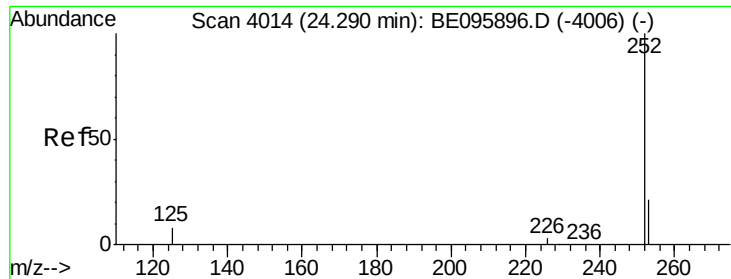
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#22
Benzo(k)fluoranthene
Concen: 2.810 ng/ul m
RT: 23.66 min Scan# 3924
Delta R.T. 0.01 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	10.1	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 5.007 ng/ul m

RT: 24.31 min Scan# 4017

Delta R.T. 0.02 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

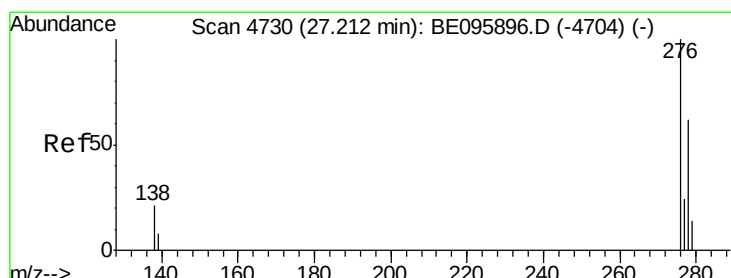
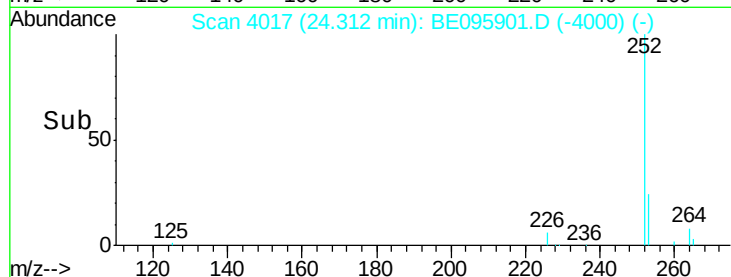
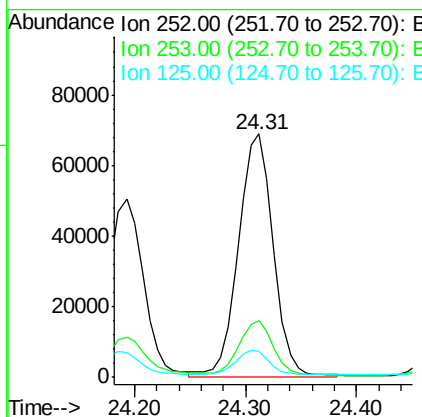
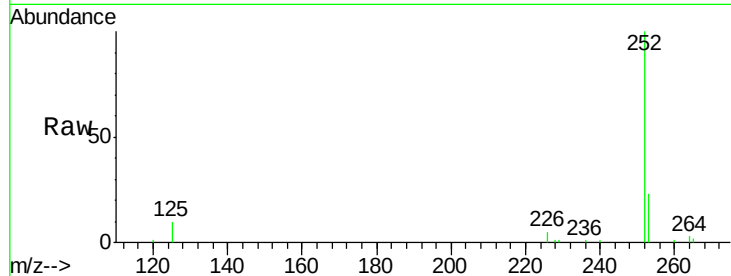
ClientSampled :

C0AS3

Tot Ion:	252	Resp:	152574
Ion Ratio	Lower	Upper	
252	100		
253	23.1	28.5	42.7#
125	10.5	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.534 ng/ul m

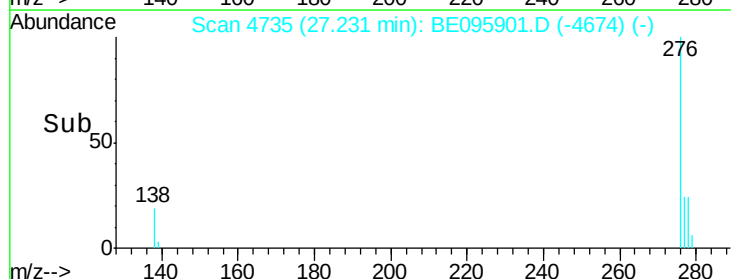
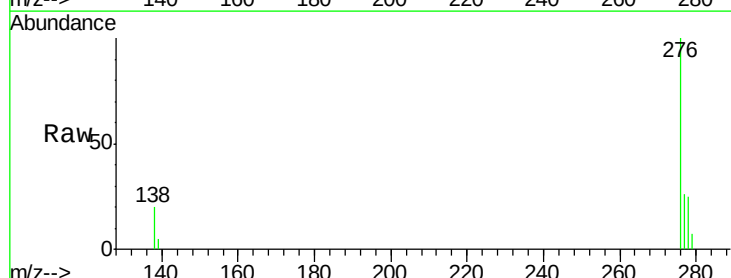
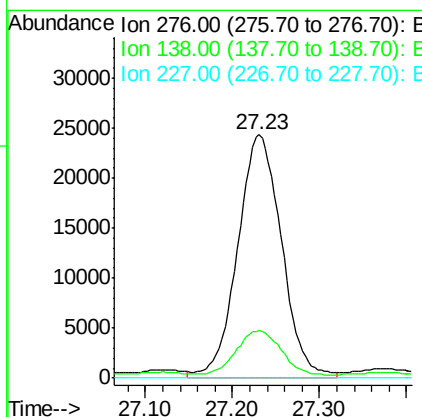
RT: 27.23 min Scan# 4735

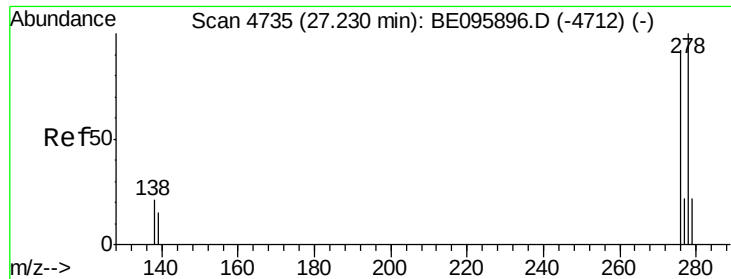
Delta R.T. 0.02 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Tgt Ion:	276	Resp:	85625
Ion Ratio	Lower	Upper	
276	100		
138	17.6	28.0	42.0#
227	0.0	8.0	12.0#





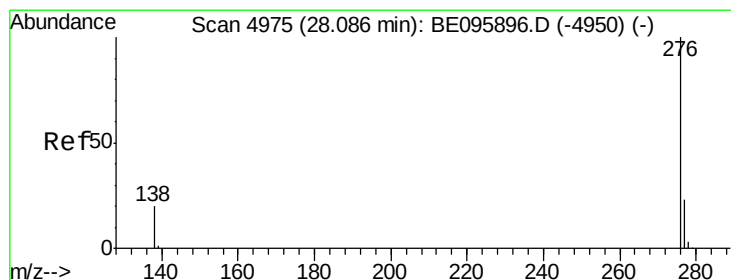
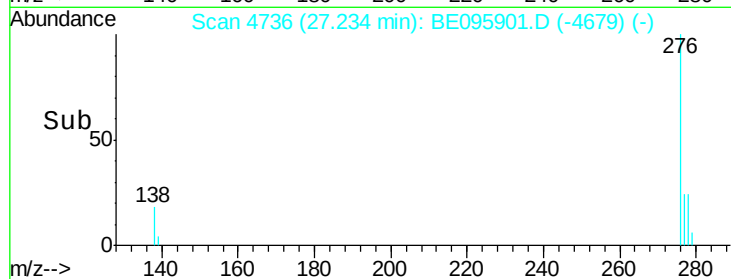
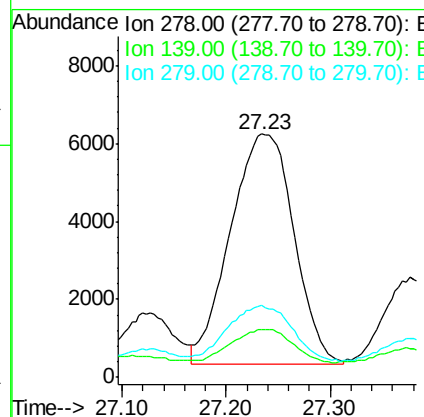
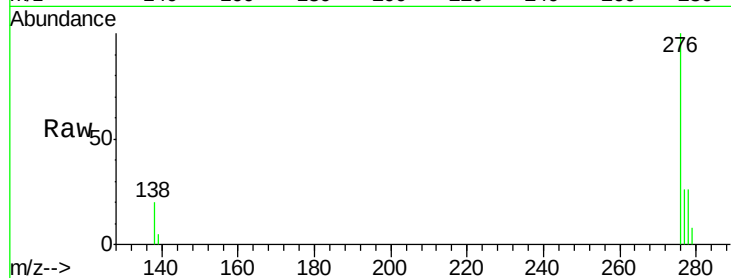
#25
Dibenzo(a,h)anthracene
Concen: 0.929 ng/ul m
RT: 27.23 min Scan# 4736
Delta R.T. 0.00 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Instrument :
BNA_E
ClientSampleId :
C0AS3

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	17.4	26.0
279	29.7	25.9	38.9

Manual Integrations
APPROVED

Sohil
3/29/2018 5:19:05 PM



#26
Benzo(g,h,i)perylene
Concen: 2.452 ng/ul m
RT: 28.11 min Scan# 4982
Delta R.T. 0.03 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	21.8	32.8#
277	25.3	20.5	30.7

