

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
 Data File : BE095913.D
 Acq On : 29 Mar 2018 13:46
 Operator : SJ/JU
 Sample : J1951-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS9DL

Manual Integrations
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Quant Time: Mar 29 17:50:21 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 16:32:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1784	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5291	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3288	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6982	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6792	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7015	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	589	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1456	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.29	128	557	0.038	ng/ul#	63
5) 2-Methylnaphthalene	12.87	142	439	0.043	ng/ul	99
8) Acenaphthene	15.06	153	2840	0.227	ng/ul	94
9) Fluorene	16.03	166	4207	0.310	ng/ul	93
12) Phenanthrene	17.75	178	71593	3.424	ng/ul#	88
13) Anthracene	17.84	178	16223	0.830	ng/ul#	92
15) Fluoranthene	19.71	202	125265	4.946	ng/ul	84
17) Pyrene	20.07	202	110466	4.283	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	54828	2.502	ng/ul#	85
19) Chrysene	21.83	228	41796	1.873	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	53008m	2.181	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	18528m	0.802	ng/ul	
23) Benzo(a)pyrene	24.30	252	37373	1.685	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.23	276	23226	0.944	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.23	278	5782	0.294	ng/ul	92
26) Benzo(g,h,i)perylene	28.11	276	20805	0.985	ng/ul#	94

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

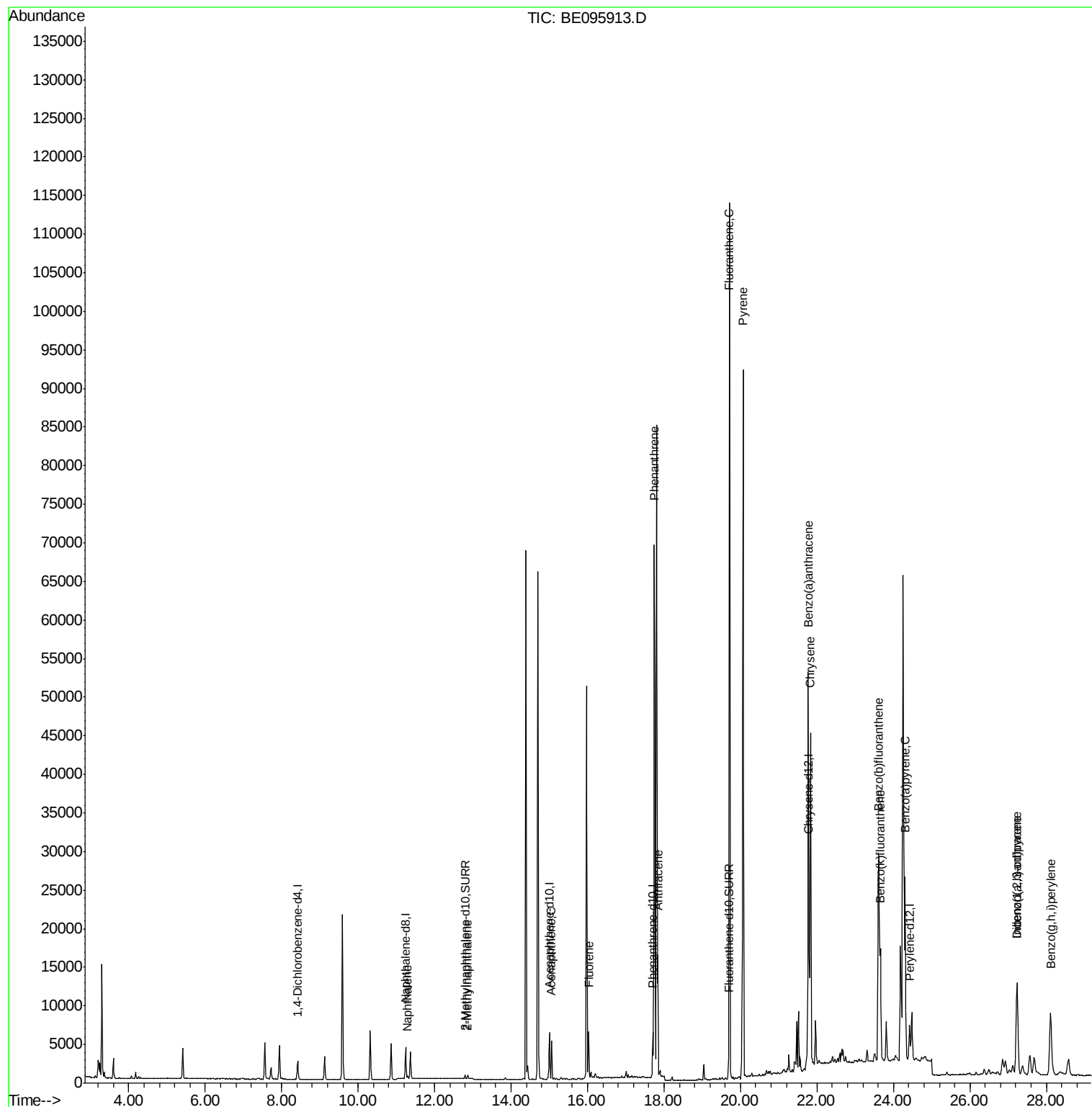
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095913.D
Acq On : 29 Mar 2018 13:46
Operator : SJ/JU
Sample : J1951-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

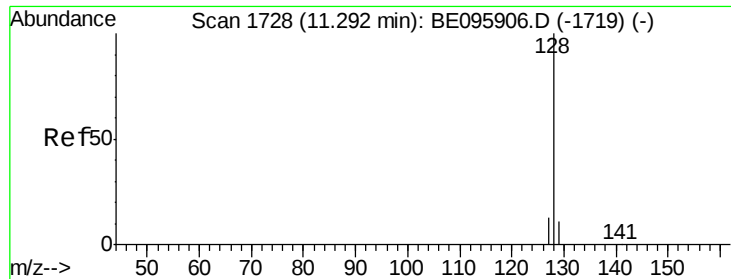
Instrument :
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Quant Time: Mar 29 17:50:21 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.038 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

Instrument :

BNA_E

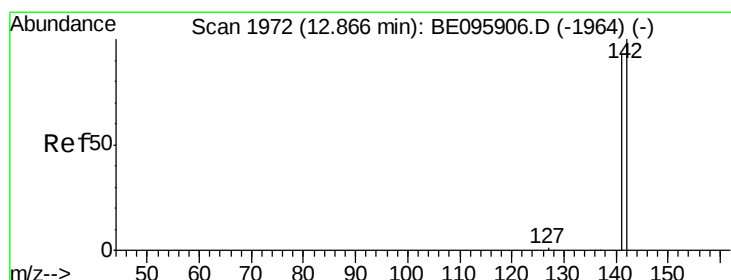
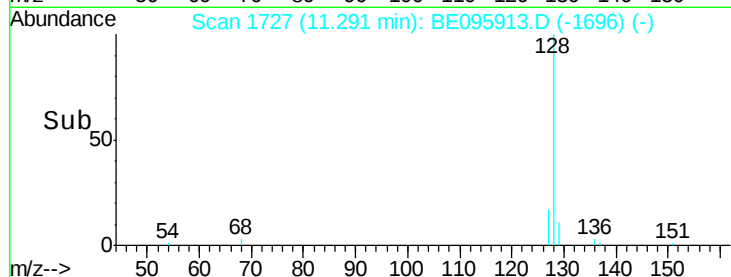
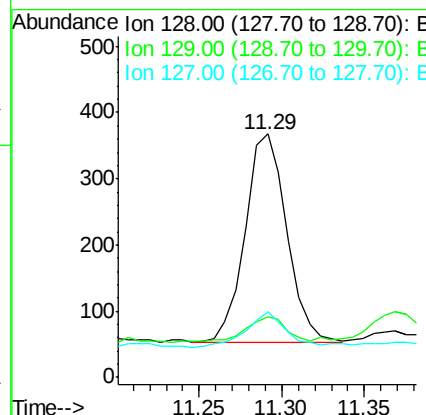
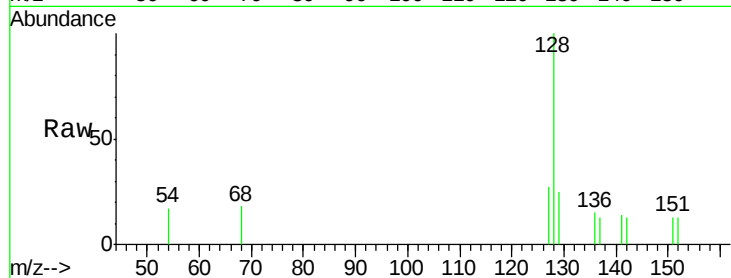
ClientSampleId :

C0AS9DL

Tgt Ion:	128	Resp:	557
Ion Ratio	Lower	Upper	
128	100		
129	25.0	11.3	16.9#
127	26.9	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.043 ng/ul

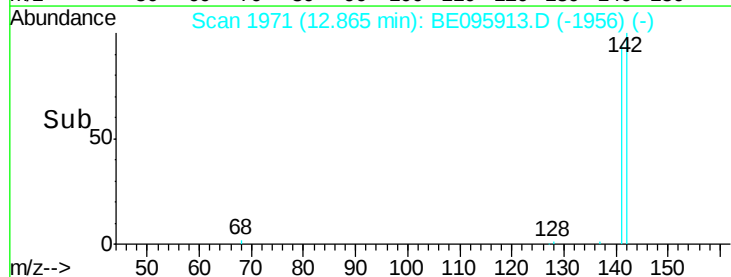
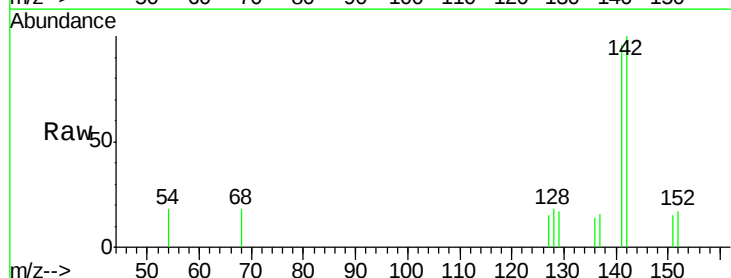
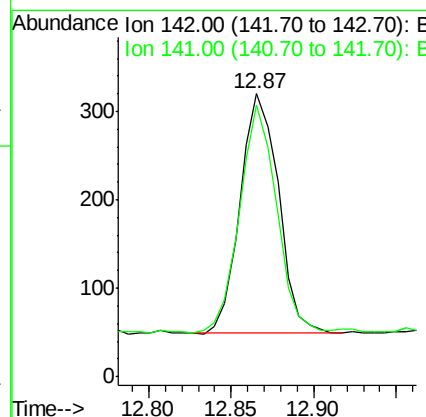
RT: 12.87 min Scan# 1971

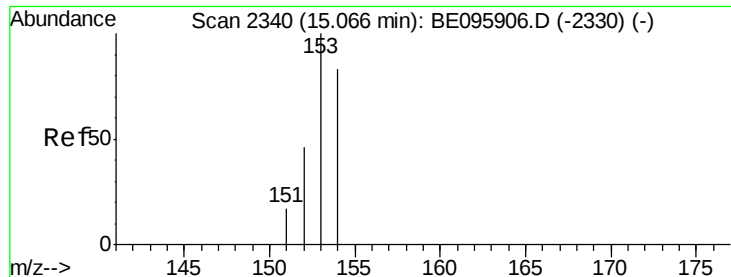
Delta R.T. -0.00 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

Tgt Ion:	142	Resp:	439
Ion Ratio	Lower	Upper	
142	100		
141	92.0	72.6	108.8





#8

Acenaphthene

Concen: 0.227 ng/ul

RT: 15.06 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

Instrument :

BNA_E

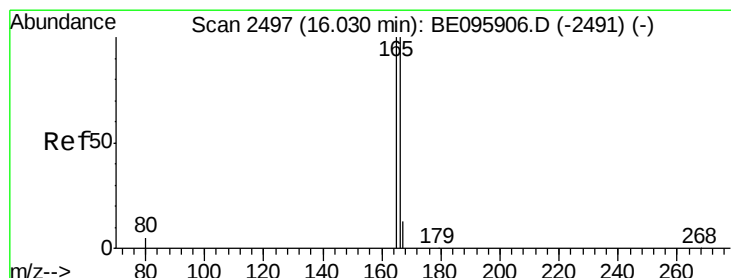
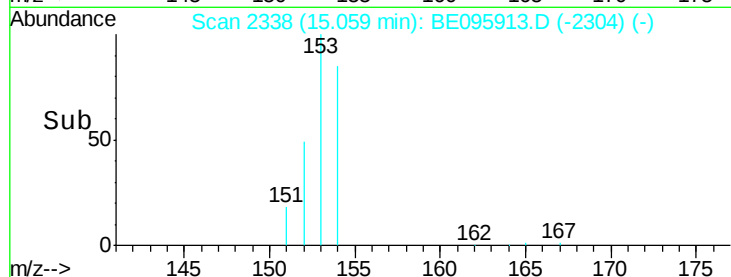
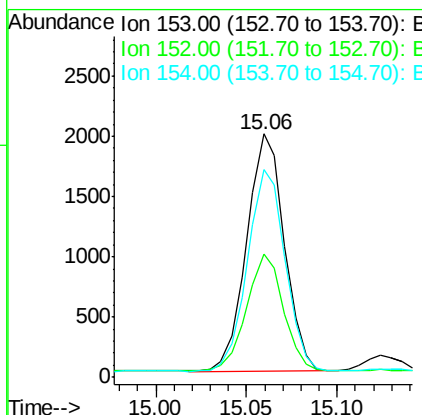
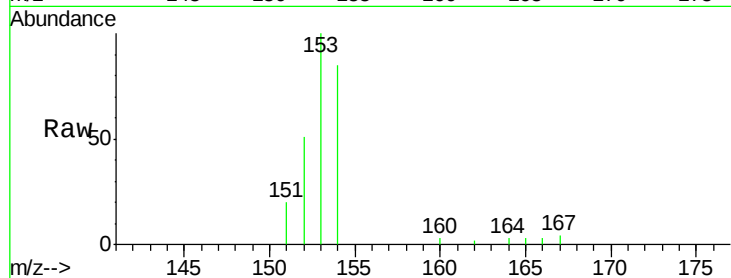
ClientSampled :

C0AS9DL

Tgt Ion:	153	Resp:	2840
Ion	Ratio	Lower	Upper
153	100		
152	50.6	36.0	54.0
154	85.3	72.0	108.0

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#9

Fluorene

Concen: 0.310 ng/ul

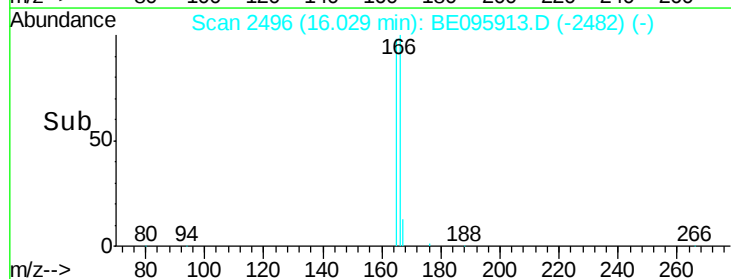
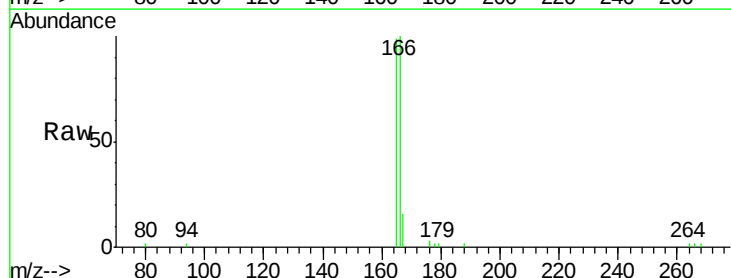
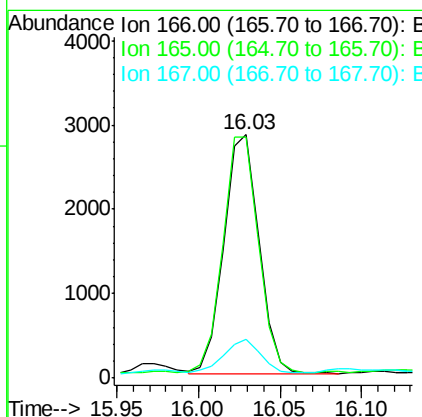
RT: 16.03 min Scan# 2496

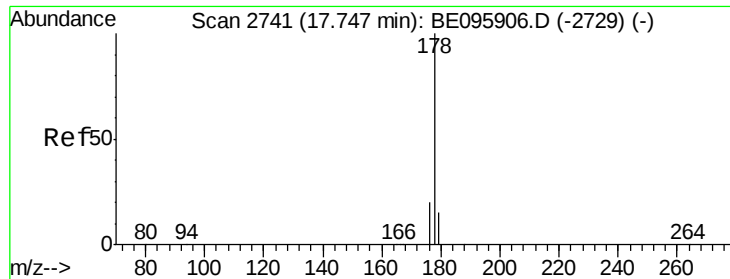
Delta R.T. 0.01 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

Tgt Ion:	166	Resp:	4207
Ion	Ratio	Lower	Upper
166	100		
165	98.8	73.4	110.2
167	15.8	14.6	22.0





#12

Phenanthrene

Concen: 3.424 ng/ul

RT: 17.75 min Scan# 2740

Delta R.T. 0.00 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

Instrument :

BNA_E

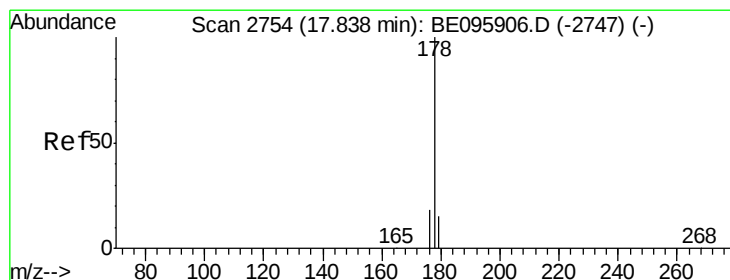
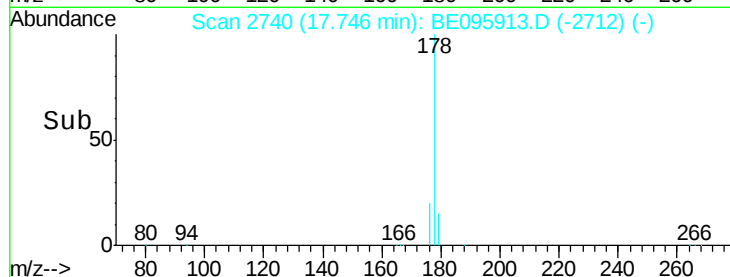
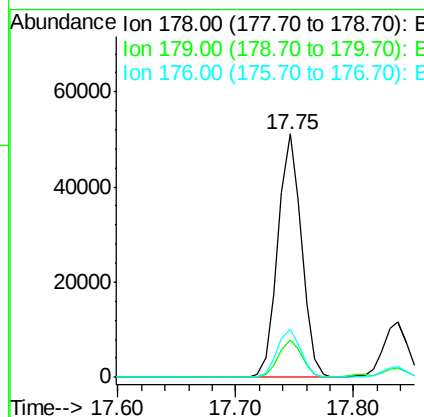
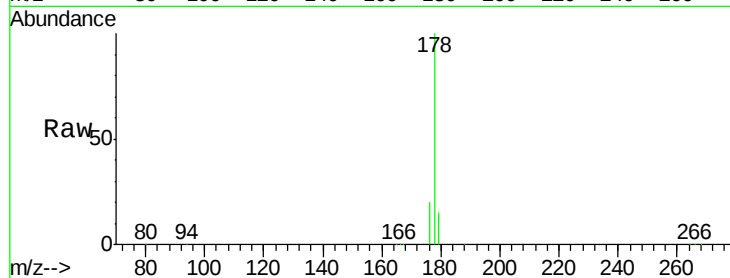
ClientSampleId :

C0AS9DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.7	13.6	20.4

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#13

Anthracene

Concen: 0.830 ng/ul

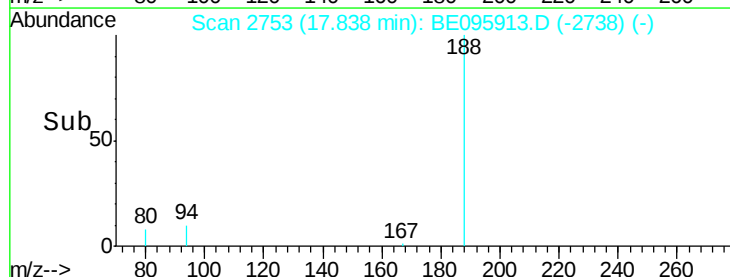
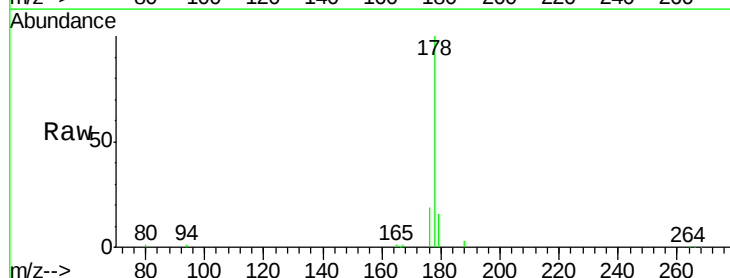
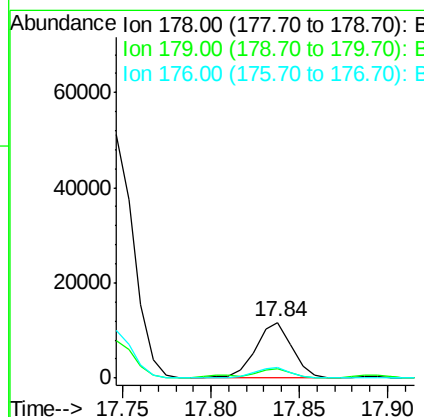
RT: 17.84 min Scan# 2753

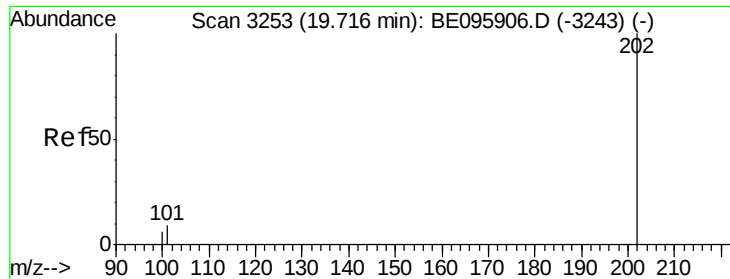
Delta R.T. 0.01 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	18.9	14.7	22.1





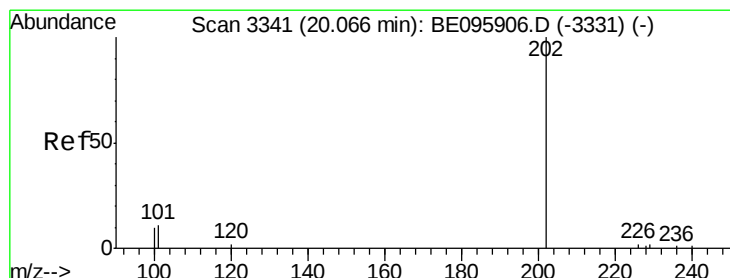
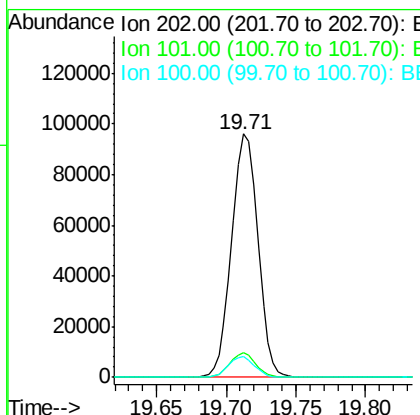
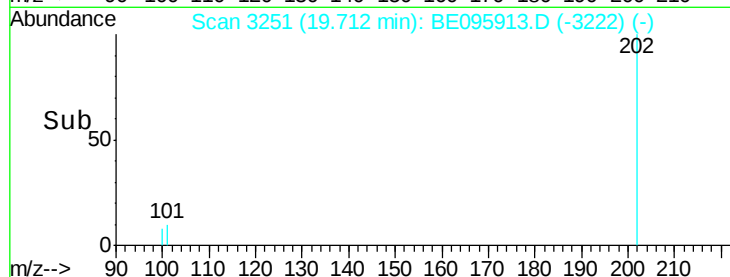
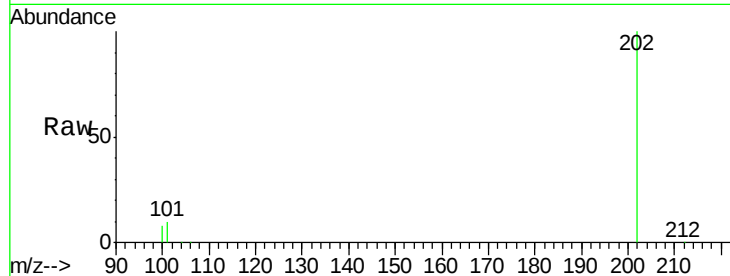
#15
Fluoranthene
 Concen: 4.946 ng/ul
 RT: 19.71 min Scan# 3251
 Delta R.T. 0.00 min
 Lab File: BE095913.D
 Acq: 29 Mar 2018 13:46

Instrument :
 BNA_E
 ClientSampleId :
 C0AS9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	0.0	30.3
100	8.4	0.0	39.5

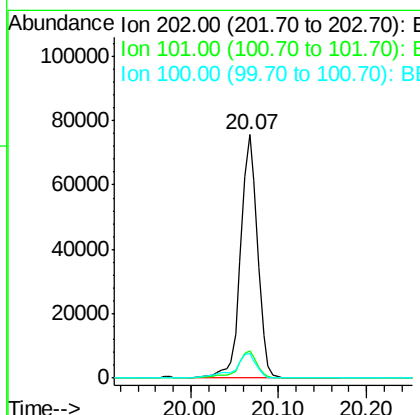
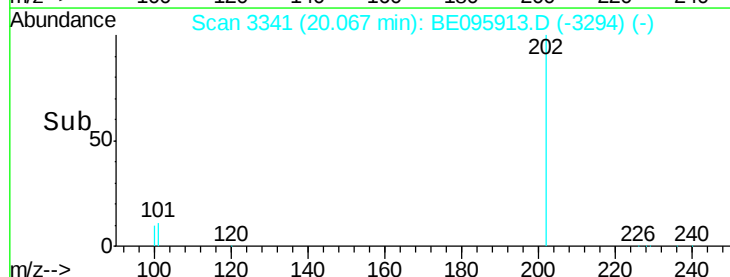
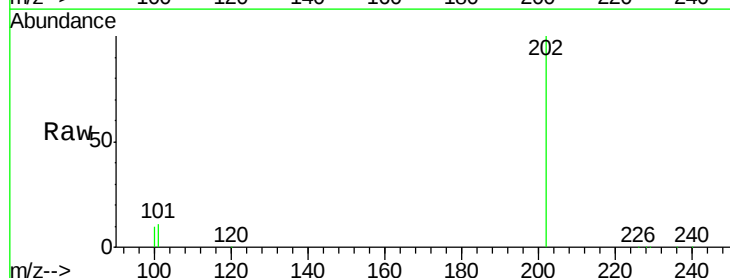
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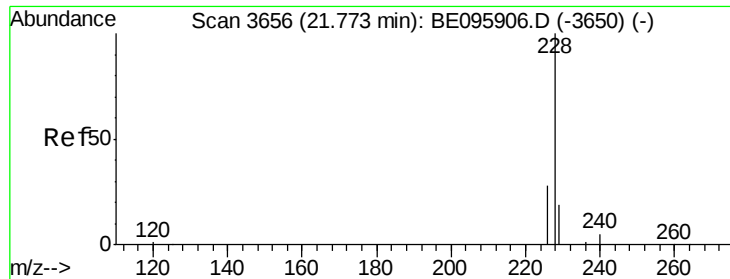
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#17
Pyrene
 Concen: 4.283 ng/ul
 RT: 20.07 min Scan# 3341
 Delta R.T. 0.00 min
 Lab File: BE095913.D
 Acq: 29 Mar 2018 13:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	18.2	27.4#
100	10.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 2.502 ng/ul

RT: 21.77 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

Instrument :

BNA_E

ClientSampleId :

C0AS9DL

Tgt Ion:228 Resp: 54828

Ion Ratio Lower Upper

228 100

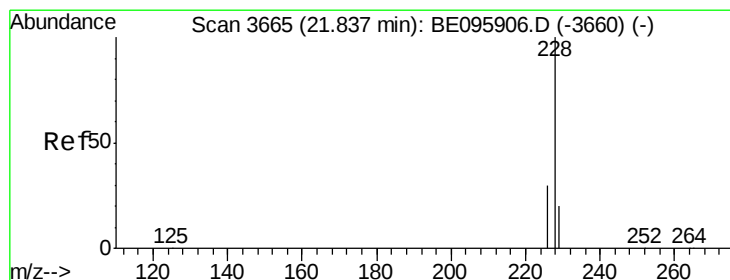
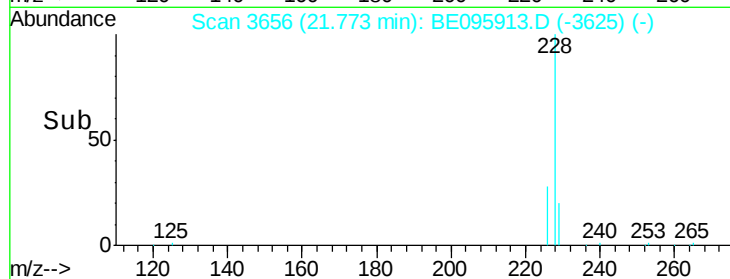
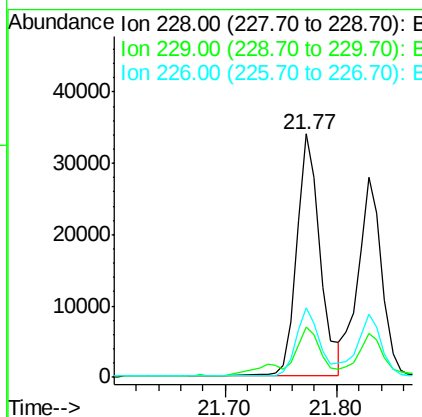
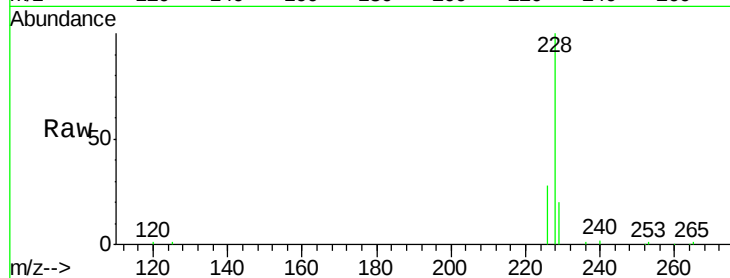
229 20.4 22.8 34.2#

226 28.4 17.0 25.6#

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#19

Chrysene

Concen: 1.873 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE095913.D

Acq: 29 Mar 2018 13:46

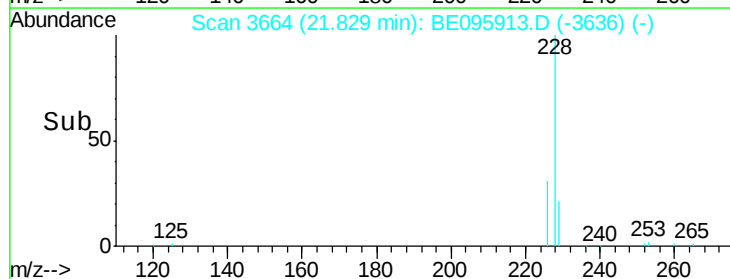
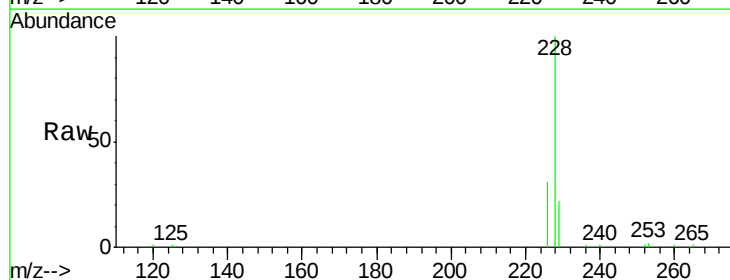
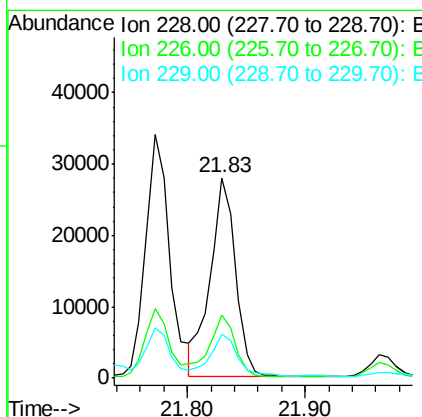
Tgt Ion:228 Resp: 41796

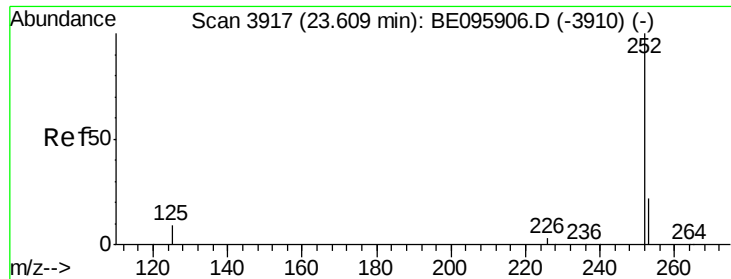
Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

229 22.2 17.7 26.5





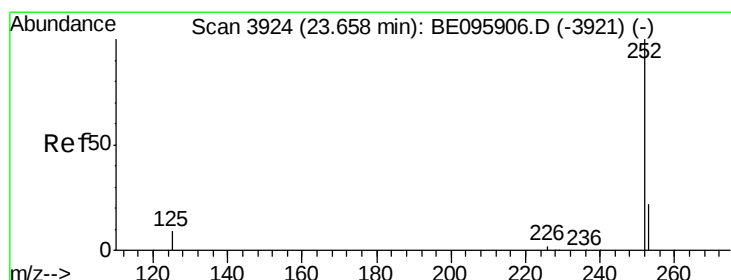
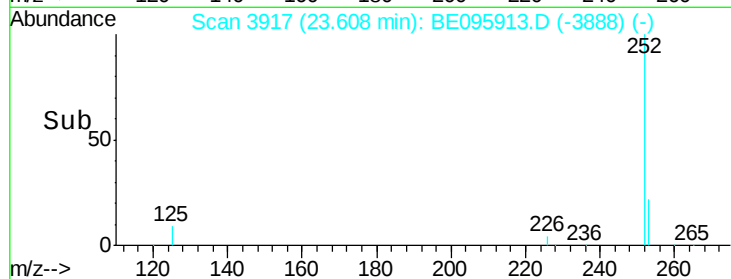
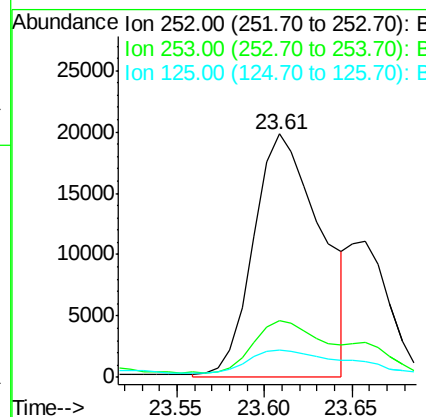
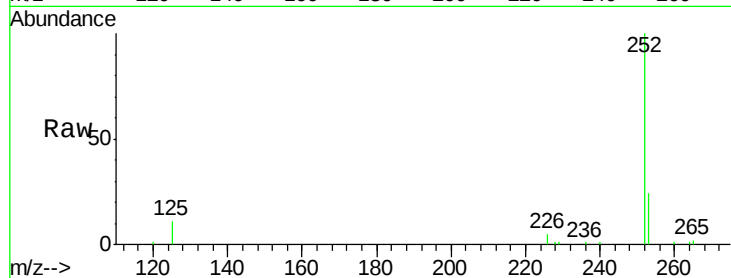
#21
Benzo(b)fluoranthene
Concen: 2.181 ng/ul m
RT: 23.61 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE095913.D
Acq: 29 Mar 2018 13:46

Instrument :
BNA_E
ClientSampleId :
C0AS9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	0.0	64.2
125	11.1	0.0	35.0

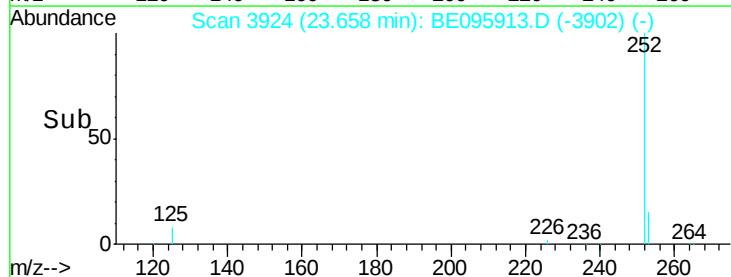
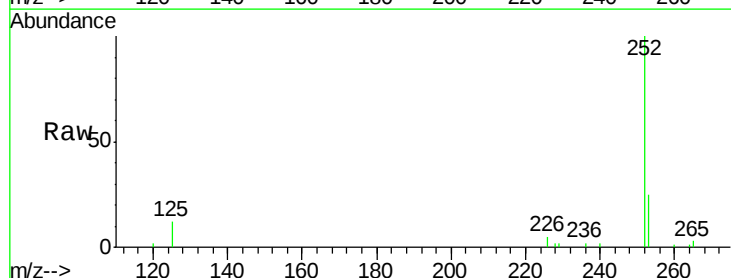
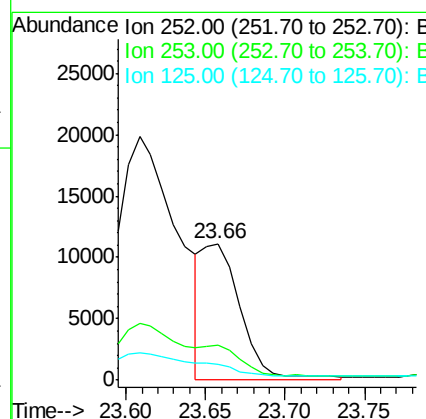
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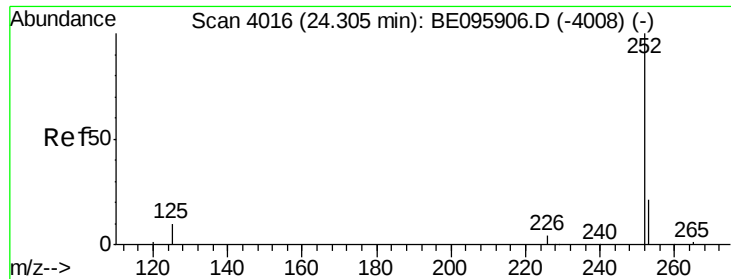
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#22
Benzo(k)fluoranthene
Concen: 0.802 ng/ul m
RT: 23.66 min Scan# 3924
Delta R.T. 0.01 min
Lab File: BE095913.D
Acq: 29 Mar 2018 13:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.4	24.5	36.7
125	11.6	13.7	20.5





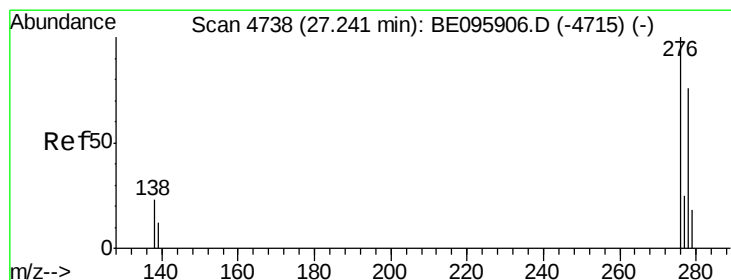
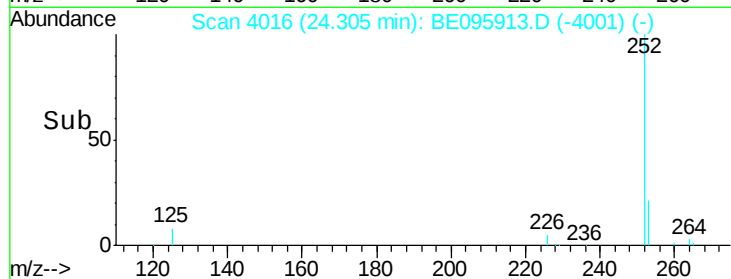
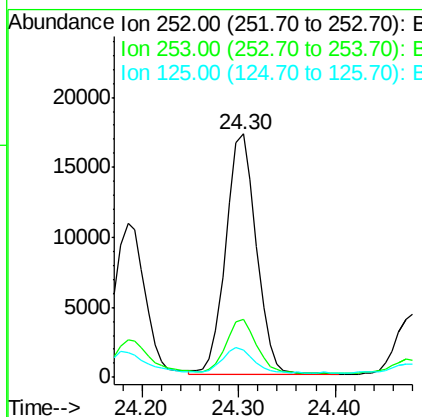
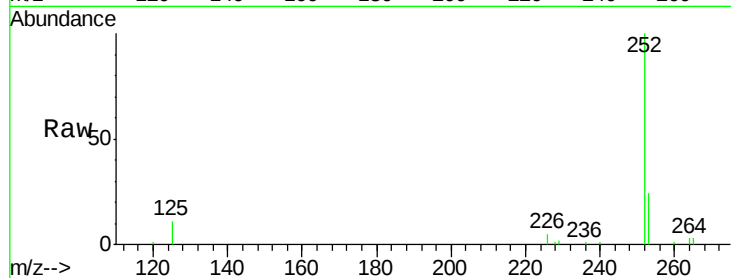
#23
Benzo(a)pyrene
Concen: 1.685 ng/u1
RT: 24.30 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BE095913.D
Acq: 29 Mar 2018 13:46

Instrument :
BNA_E
ClientSampleId :
C0AS9DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	11.4	18.1	27.1#

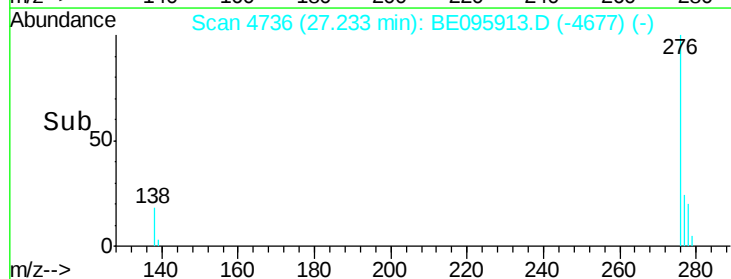
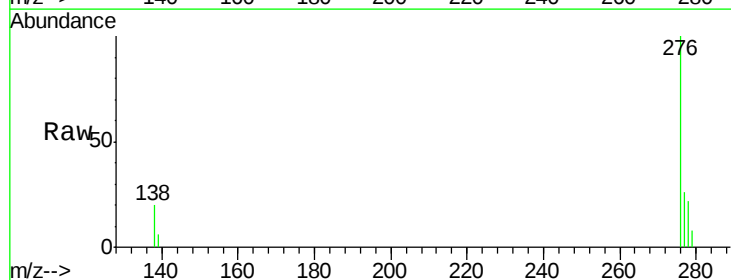
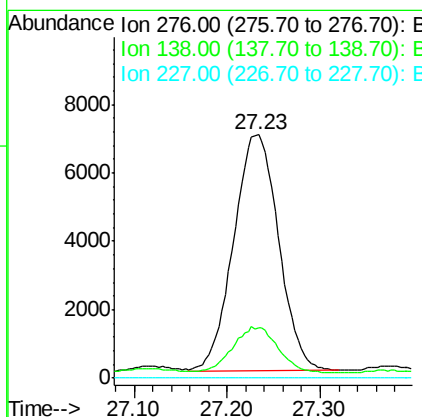
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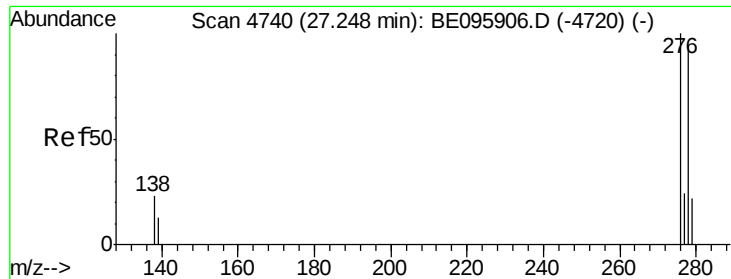
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.944 ng/u1
RT: 27.23 min Scan# 4736
Delta R.T. 0.01 min
Lab File: BE095913.D
Acq: 29 Mar 2018 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#





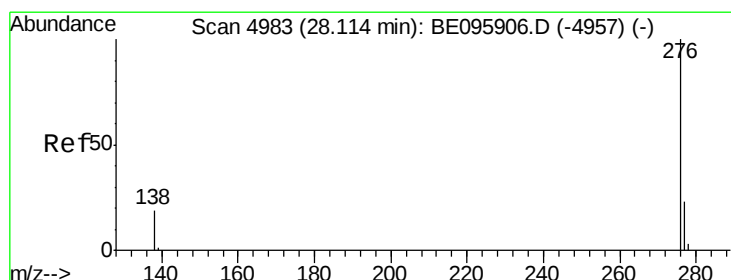
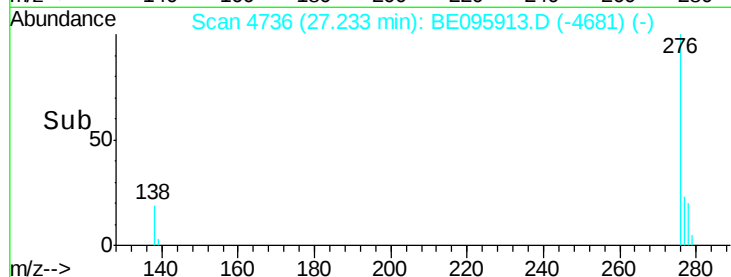
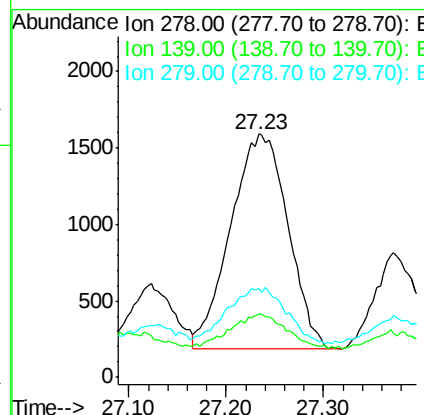
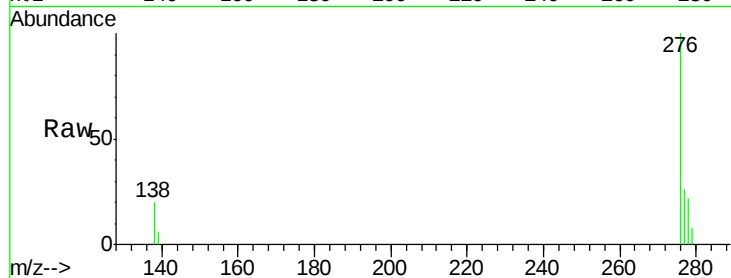
#25
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. -0.00 min
Lab File: BE095913.D
Acq: 29 Mar 2018 13:46

Instrument :
BNA_E
ClientSampleId :
C0AS9DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.9	17.4	26.0
279	36.3	25.9	38.9

Manual Integrations
APPROVED

Sohil
3/29/2018 6:45:06 PM



#26
Benzo(g,h,i)perylene
Concen: 0.985 ng/ul
RT: 28.11 min Scan# 4983
Delta R.T. 0.02 min
Lab File: BE095913.D
Acq: 29 Mar 2018 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.8	32.8#
277	25.8	20.5	30.7

