

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
 Data File : BE095914.D
 Acq On : 29 Mar 2018 14:22
 Operator : SJ/JU
 Sample : J1951-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS2DL

Manual Integrations
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Quant Time: Mar 29 17:54:58 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	1676	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4875	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	2991	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6697	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6811	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	6849	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	372	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	932	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.29	128	881	0.065	ng/ul#	78
5) 2-Methylnaphthalene	12.87	142	302	0.032	ng/ul	98
8) Acenaphthene	15.06	153	2972	0.261	ng/ul	94
9) Fluorene	16.02	166	1789	0.145	ng/ul	92
12) Phenanthrene	17.75	178	30017	1.497	ng/ul#	89
13) Anthracene	17.84	178	7105	0.379	ng/ul#	92
15) Fluoranthene	19.71	202	71531	2.944	ng/ul	83
17) Pyrene	20.07	202	69927	2.704	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	51033	2.322	ng/ul#	85
19) Chrysene	21.83	228	37148	1.660	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	58550m	2.468	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	18761m	0.832	ng/ul	
23) Benzo(a)pyrene	24.30	252	40301	1.861	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.23	276	28670	1.194	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.23	278	7014	0.365	ng/ul	98
26) Benzo(g,h,i)perylene	28.11	276	27896	1.352	ng/ul#	93

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

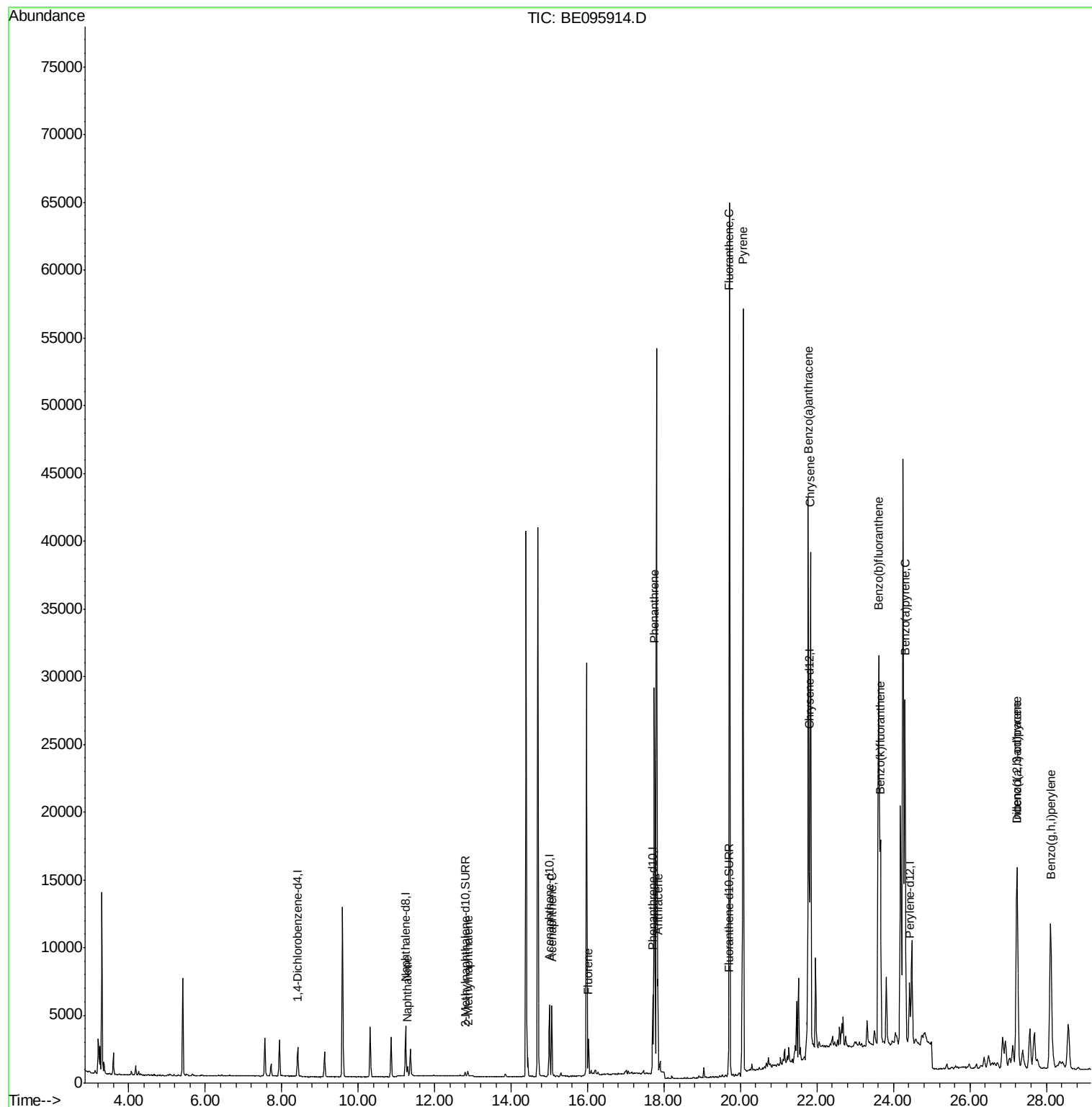
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095914.D
Acq On : 29 Mar 2018 14:22
Operator : SJ/JU
Sample : J1951-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

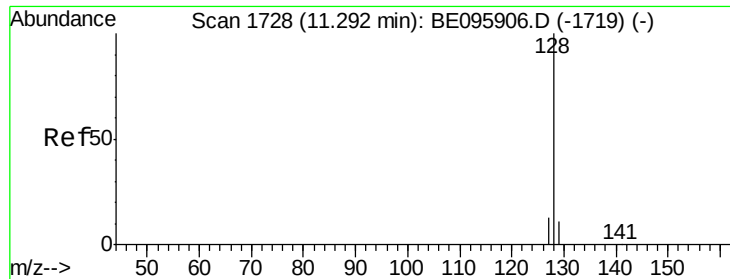
Instrument :
BNA_E
ClientSampled :
C0AS2DL

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3/29/2018 6:45:08 PM

Quant Time: Mar 29 17:54:58 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: 0.065 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Instrument :

BNA_E

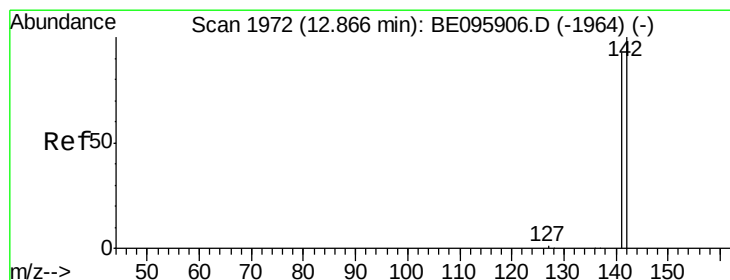
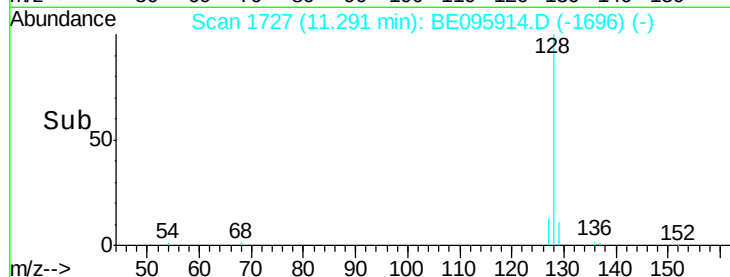
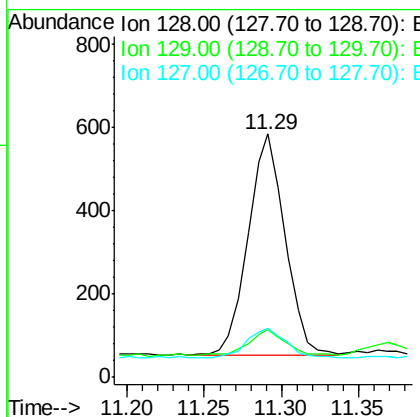
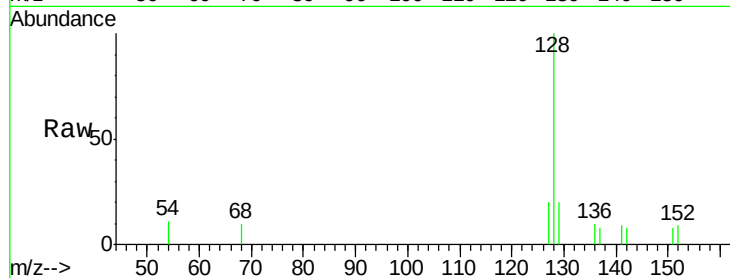
ClientSampleId :

C0AS2DL

Tgt Ion:	128	Resp:	881
Ion Ratio	Lower	Upper	
128	100		
129	19.7	11.3	16.9#
127	19.8	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

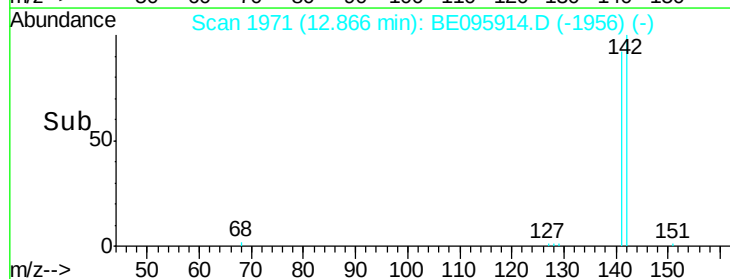
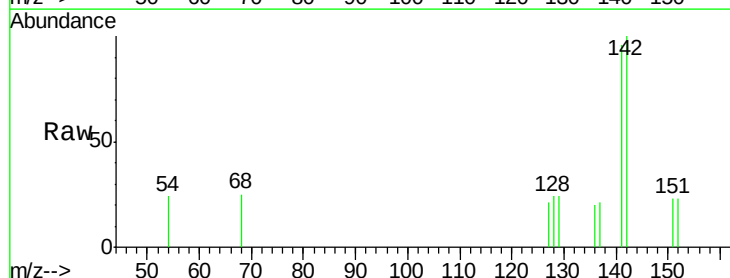
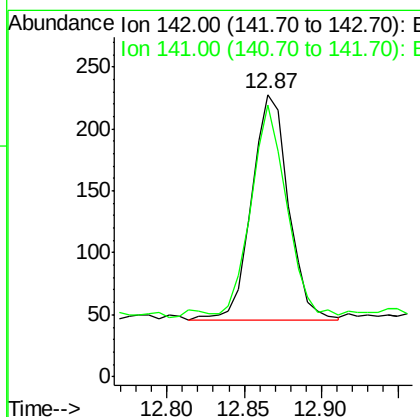
RT: 12.87 min Scan# 1971

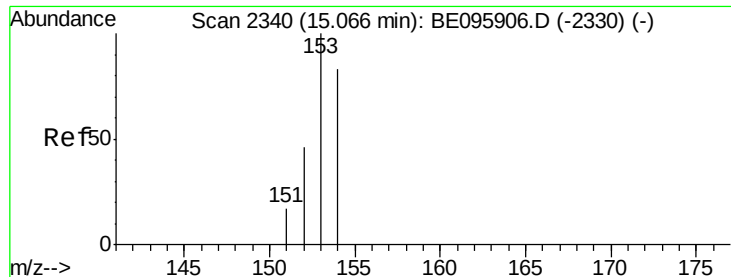
Delta R.T. -0.00 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Tgt Ion:	142	Resp:	302
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8





#8

Acenaphthene

Concen: 0.261 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Instrument :

BNA_E

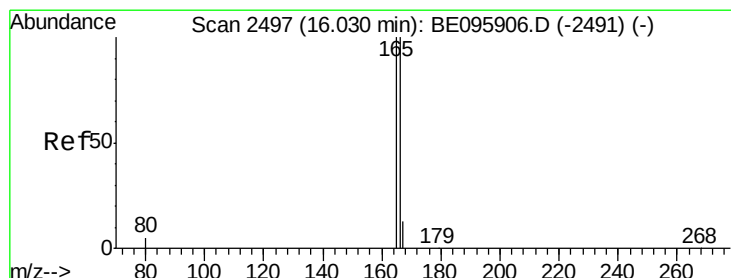
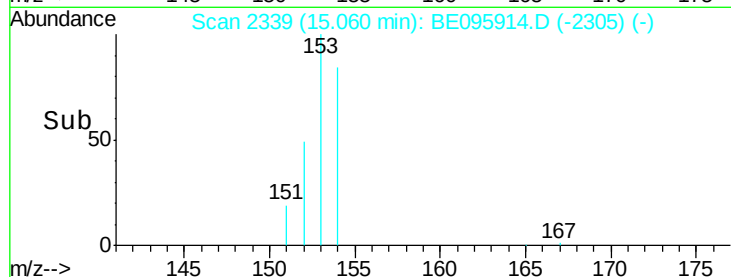
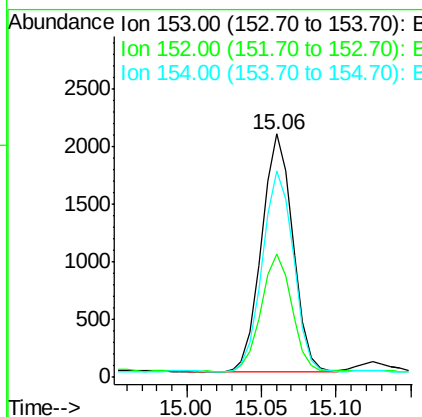
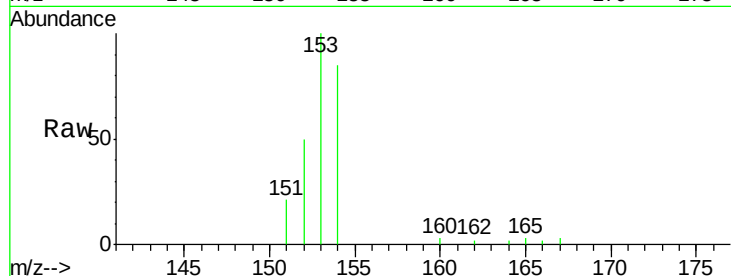
ClientSampleId :

C0AS2DL

Tgt Ion:	153	Resp:	2972
Ion	Ratio	Lower	Upper
153	100		
152	50.5	36.0	54.0
154	84.8	72.0	108.0

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#9

Fluorene

Concen: 0.145 ng/ul

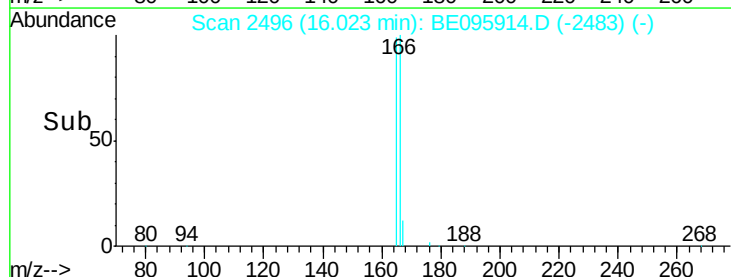
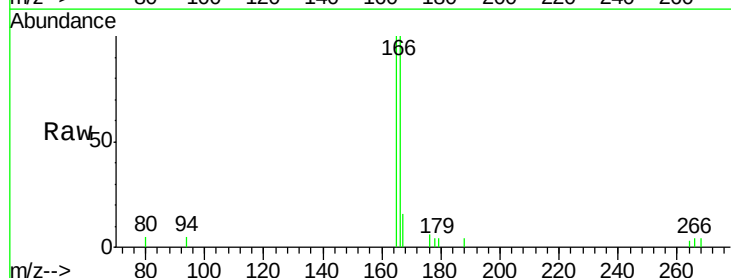
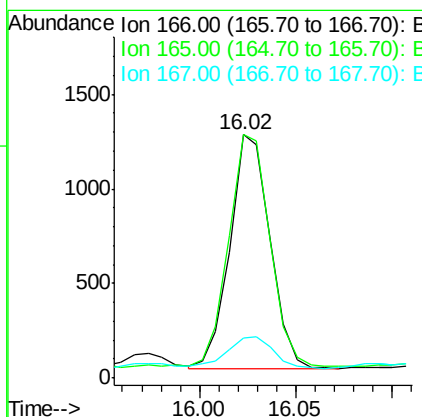
RT: 16.02 min Scan# 2496

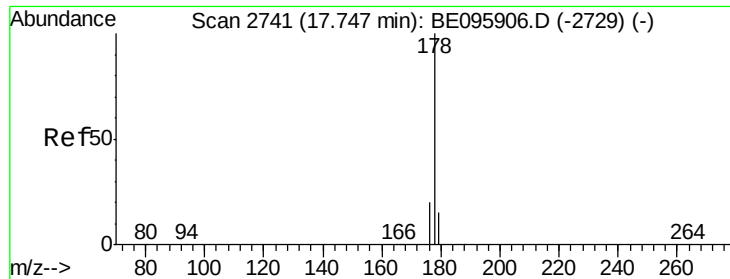
Delta R.T. 0.00 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Tgt Ion:	166	Resp:	1789
Ion	Ratio	Lower	Upper
166	100		
165	99.8	73.4	110.2
167	16.3	14.6	22.0





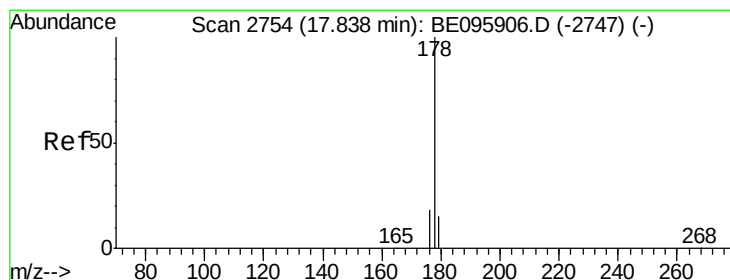
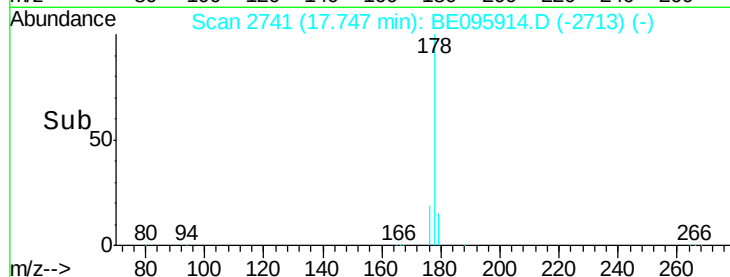
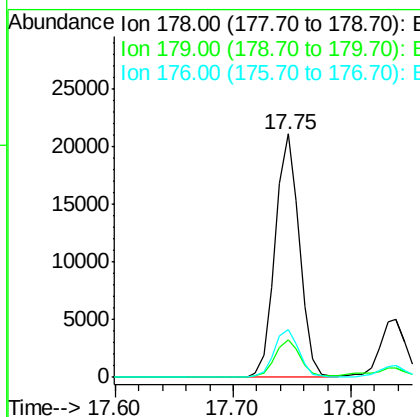
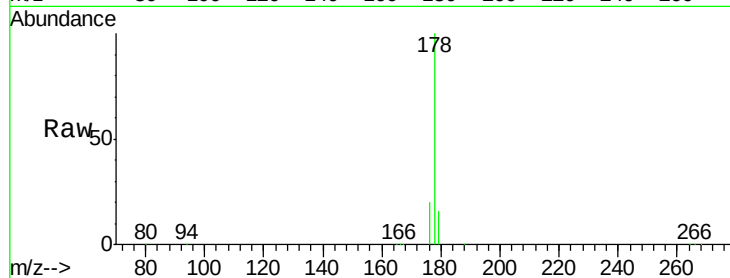
#12
Phenanthrene
Concen: 1.497 ng/ul
RT: 17.75 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BE095914.D
Acq: 29 Mar 2018 14:22

Instrument :
BNA_E
ClientSampleId :
C0AS2DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.7	13.6	20.4

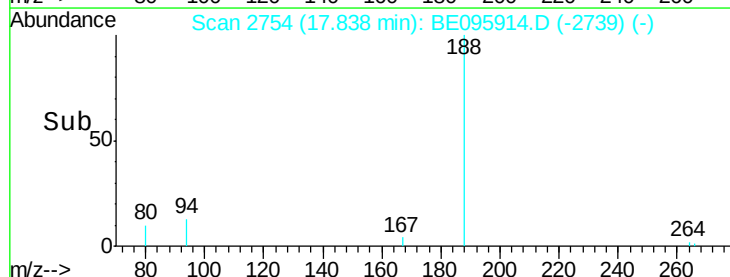
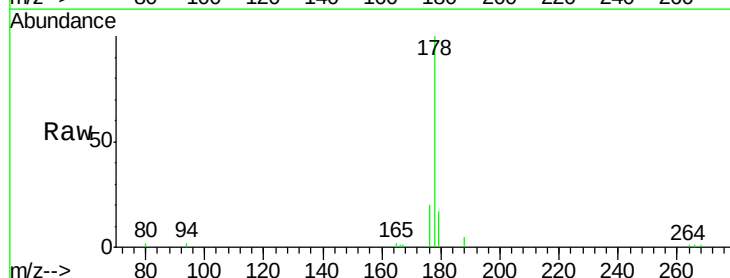
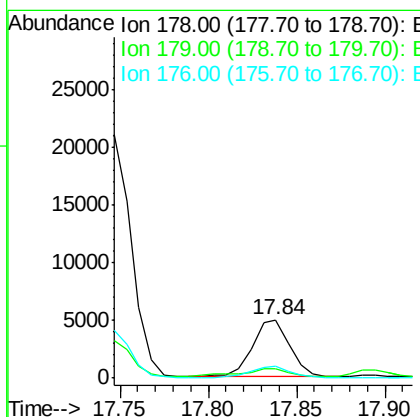
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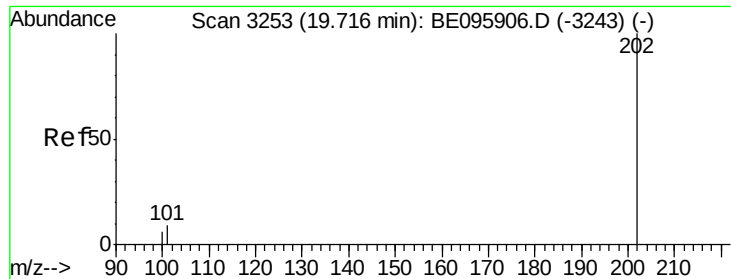
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#13
Anthracene
Concen: 0.379 ng/ul
RT: 17.84 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BE095914.D
Acq: 29 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.1	27.1#
176	19.8	14.7	22.1





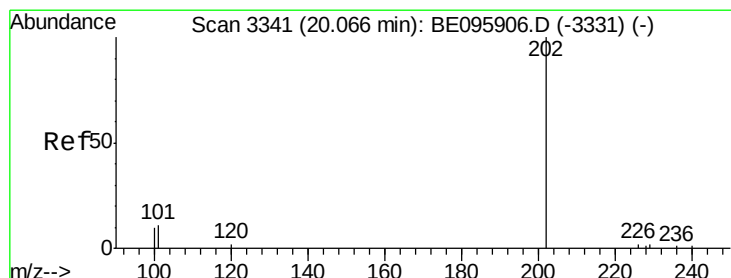
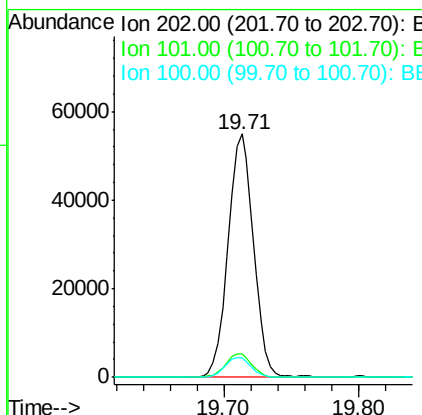
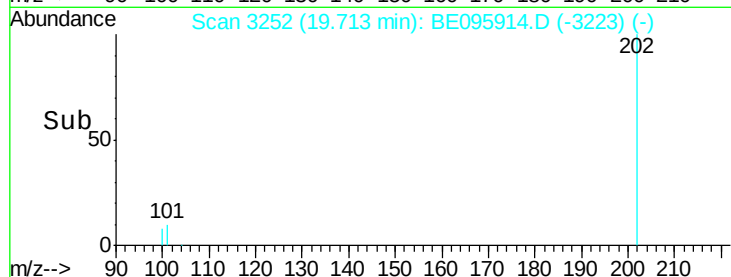
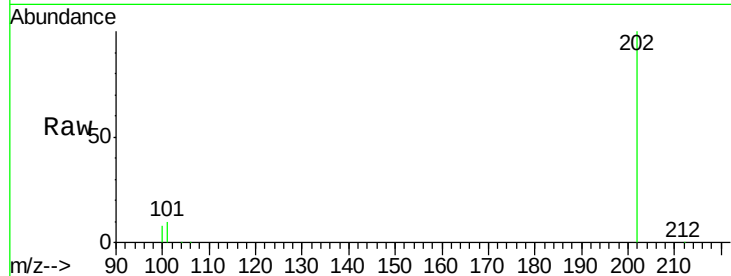
#15
Fluoranthene
Concen: 2.944 ng/ul
RT: 19.71 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BE095914.D
Acq: 29 Mar 2018 14:22

Instrument :
BNA_E
ClientSampleId :
C0AS2DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	0.0	30.3
100	8.0	0.0	39.5

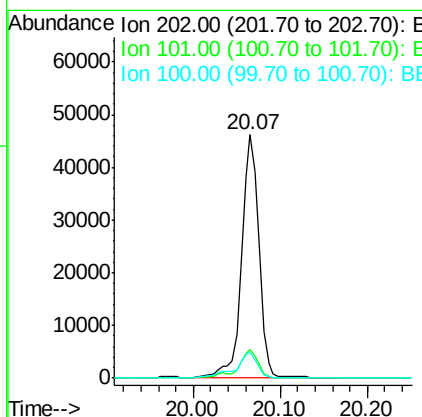
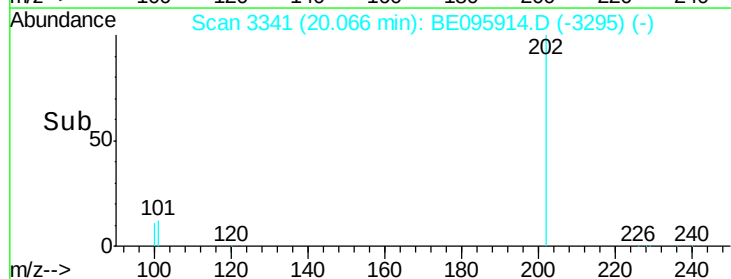
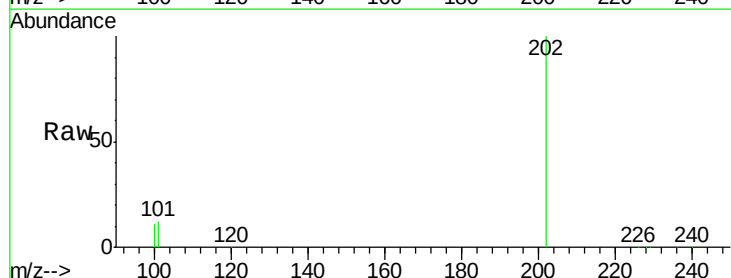
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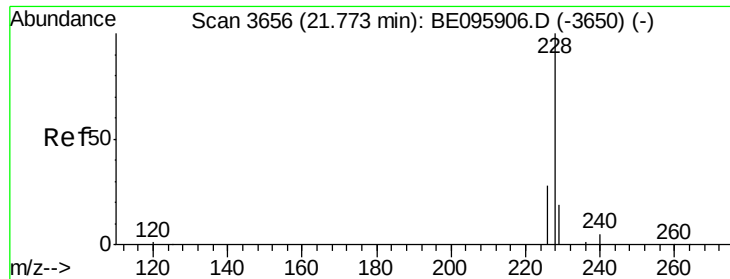
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#17
Pyrene
Concen: 2.704 ng/ul
RT: 20.07 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BE095914.D
Acq: 29 Mar 2018 14:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	18.2	27.4#
100	10.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 2.322 ng/ul

RT: 21.77 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Instrument :

BNA_E

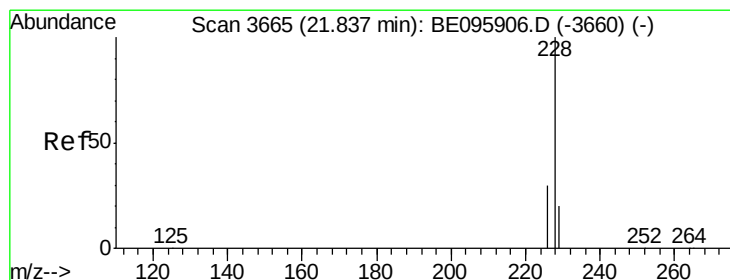
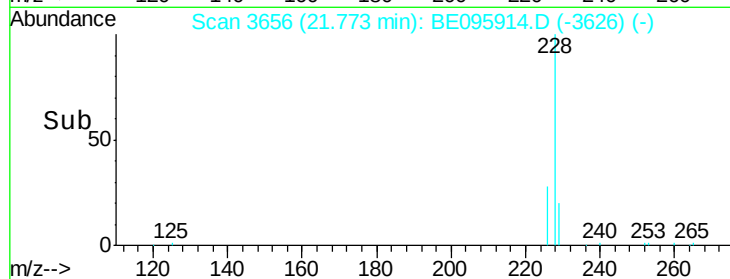
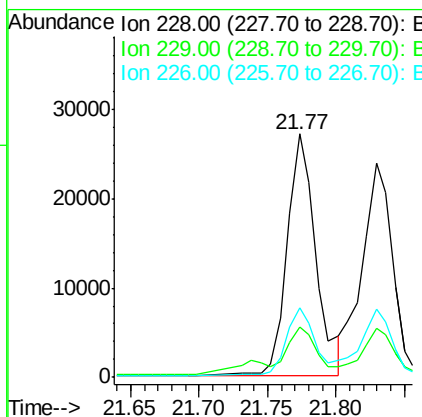
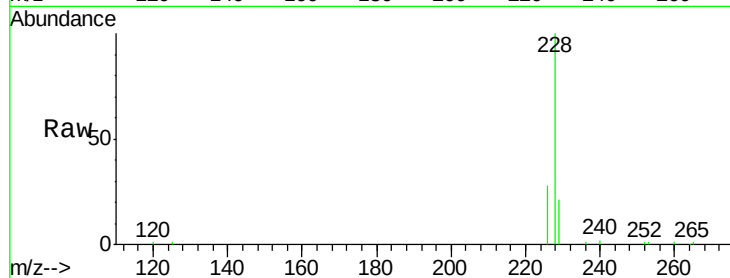
ClientSampleId :

C0AS2DL

Tgt Ion:	228	Resp:	51033
Ion Ratio	Lower	Upper	
228	100		
229	20.7	22.8	34.2#
226	28.3	17.0	25.6#

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#19

Chrysene

Concen: 1.660 ng/ul

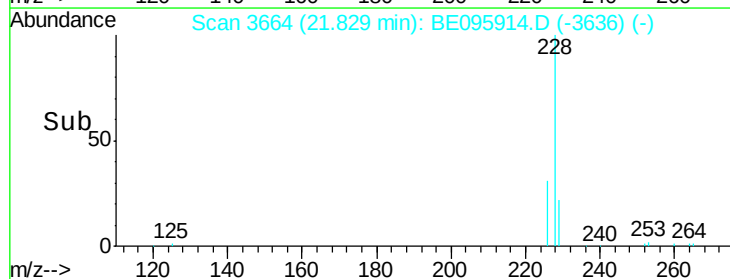
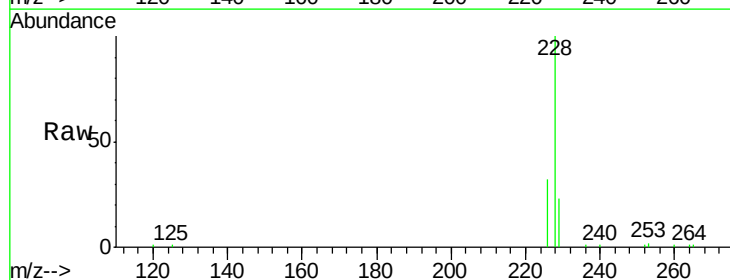
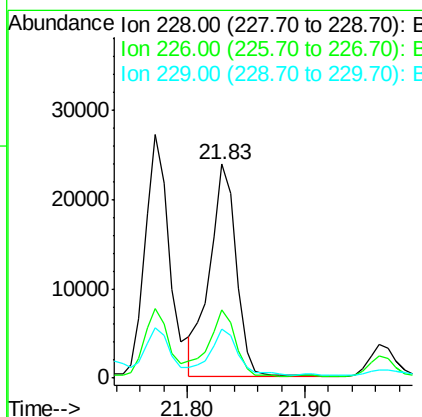
RT: 21.83 min Scan# 3664

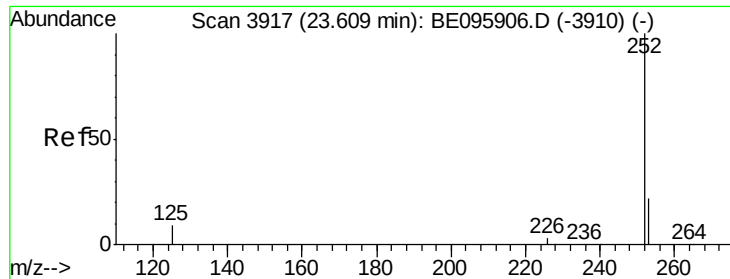
Delta R.T. -0.00 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Tgt Ion:	228	Resp:	37148
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.4	35.0
229	22.6	17.7	26.5





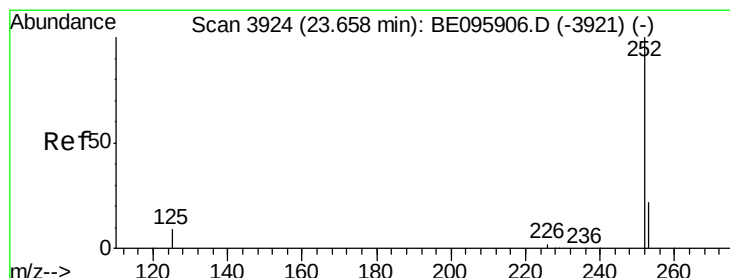
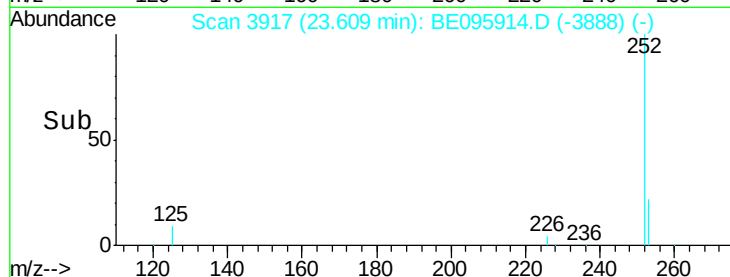
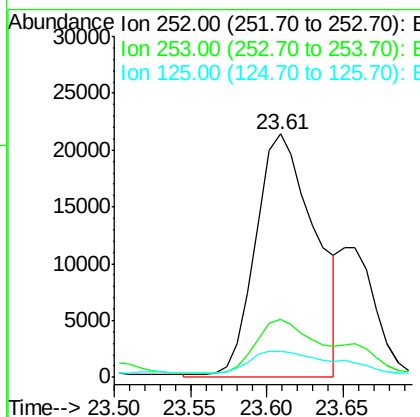
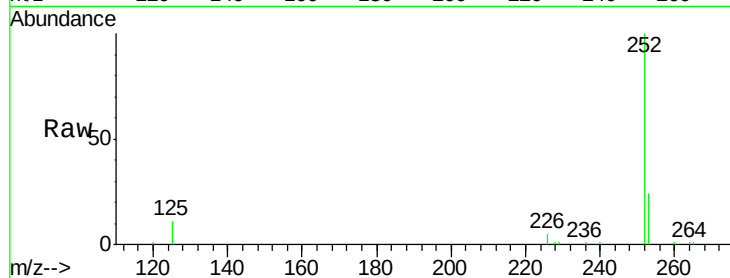
#21
Benzo(b)fluoranthene
Concen: 2.468 ng/ul m
RT: 23.61 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE095914.D
Acq: 29 Mar 2018 14:22

Instrument :
BNA_E
ClientSampleId :
C0AS2DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	0.0	64.2
125	10.9	0.0	35.0

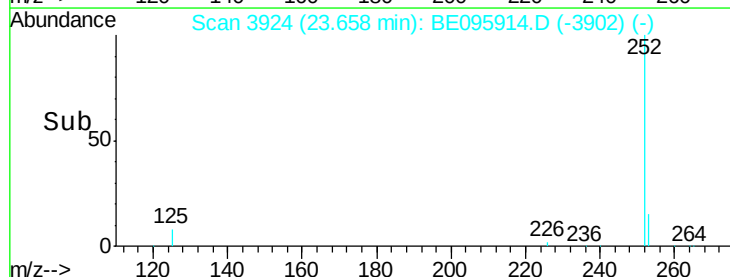
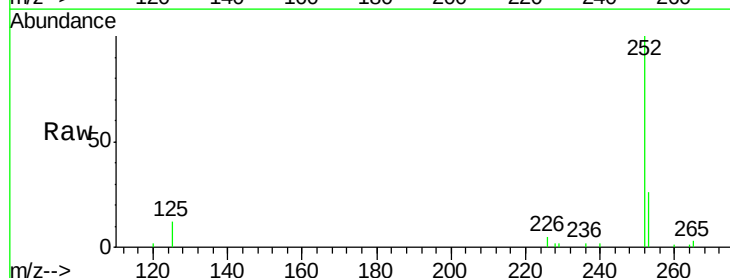
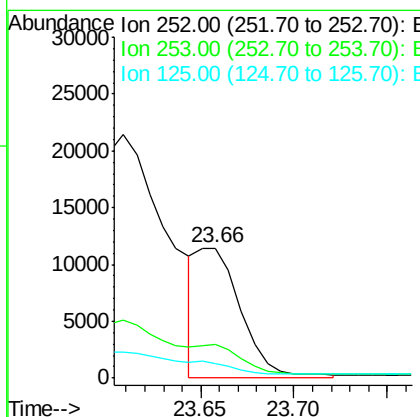
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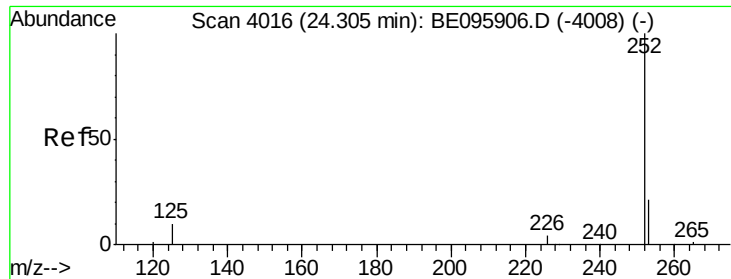
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#22
Benzo(k)fluoranthene
Concen: 0.832 ng/ul m
RT: 23.66 min Scan# 3924
Delta R.T. 0.01 min
Lab File: BE095914.D
Acq: 29 Mar 2018 14:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.8	24.5	36.7
125	11.5	13.7	20.5





#23

Benzo(a)pyrene

Concen: 1.861 ng/ul

RT: 24.30 min Scan# 4016

Delta R.T. 0.01 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Instrument :

BNA_E

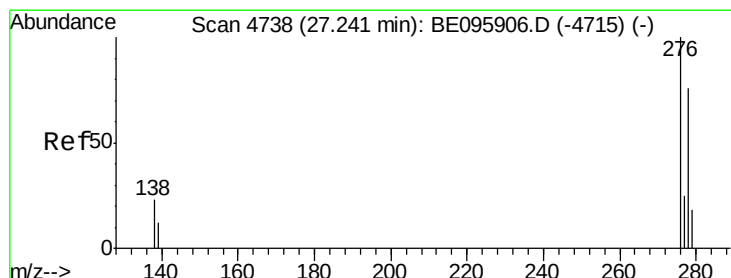
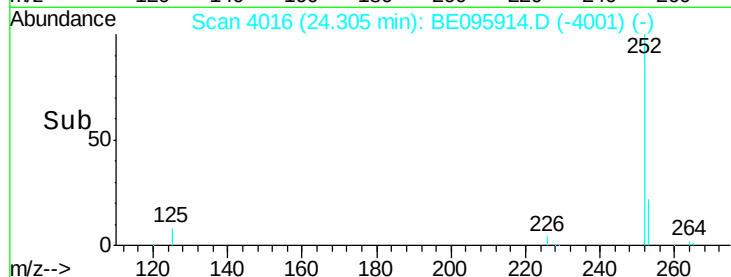
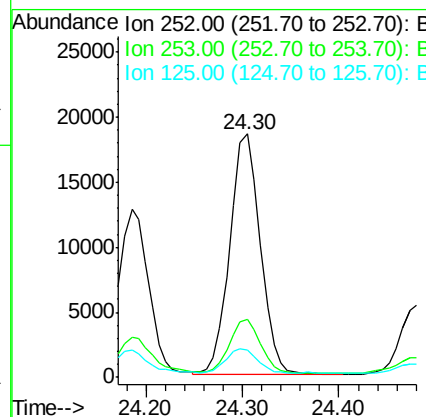
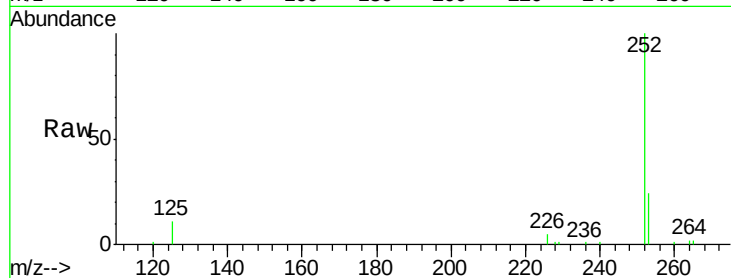
ClientSampled :

C0AS2DL

Tgt Ion:	252	Resp:	40301
Ion Ratio	Lower	Upper	
252	100		
253	23.9	28.5	42.7#
125	11.3	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.194 ng/ul

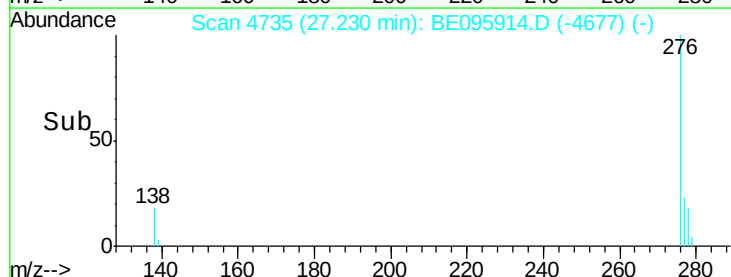
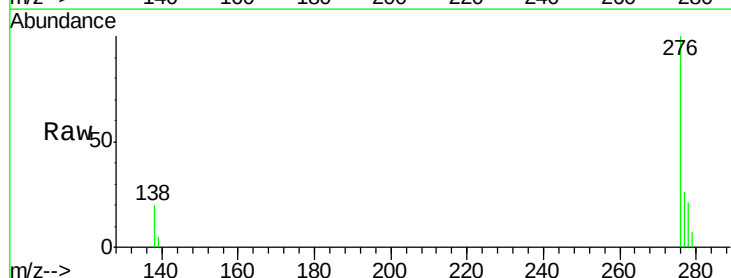
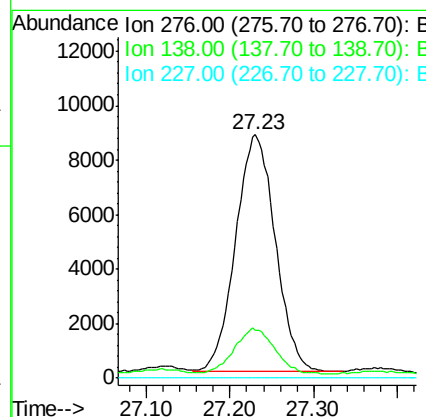
RT: 27.23 min Scan# 4735

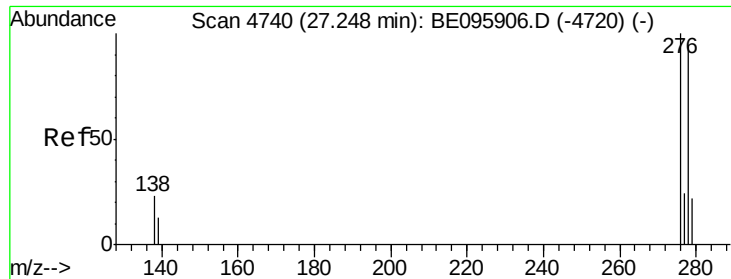
Delta R.T. 0.01 min

Lab File: BE095914.D

Acq: 29 Mar 2018 14:22

Tgt Ion:	276	Resp:	28670
Ion Ratio	Lower	Upper	
276	100		
138	19.1	28.0	42.0#
227	0.0	8.0	12.0#





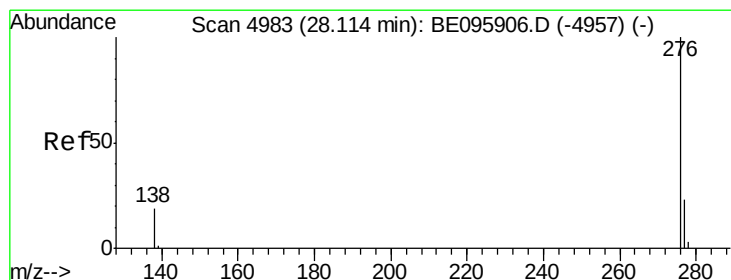
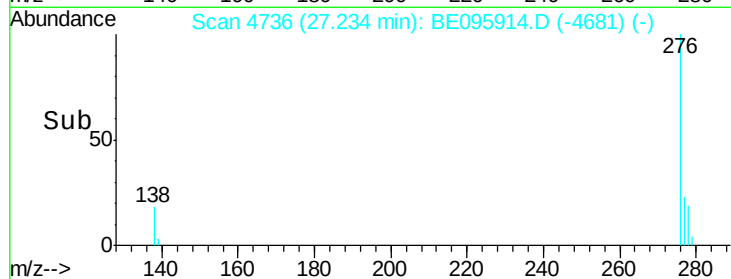
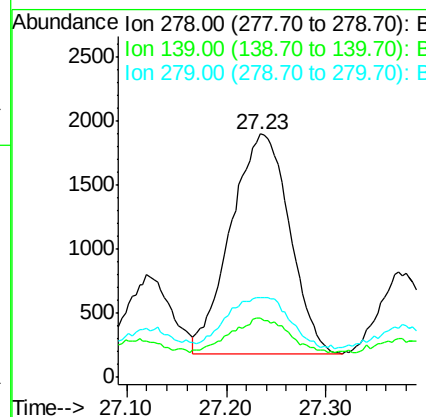
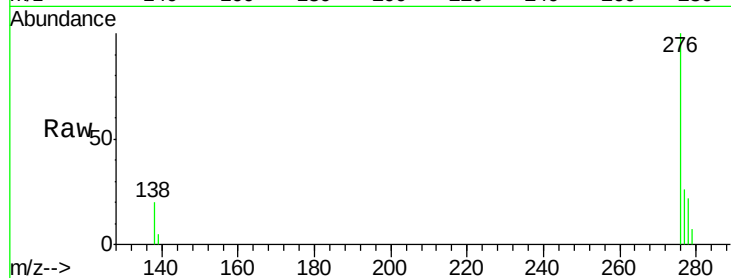
#25
 Dibenzo(a,h)anthracene
 Concen: 0.365 ng/ul
 RT: 27.23 min Scan# 4736
 Delta R.T. -0.00 min
 Lab File: BE095914.D
 Acq: 29 Mar 2018 14:22

Instrument :
 BNA_E
 ClientSampled :
 C0AS2DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	17.4	26.0
279	32.8	25.9	38.9

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:45:08 PM



#26
 Benzo(g,h,i)perylene
 Concen: 1.352 ng/ul
 RT: 28.11 min Scan# 4982
 Delta R.T. 0.02 min
 Lab File: BE095914.D
 Acq: 29 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.8	32.8#
277	25.3	20.5	30.7

