

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
 Data File : BE095911.D
 Acq On : 29 Mar 2018 12:35
 Operator : SJ/JU
 Sample : J2060-10DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS5DL

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Quant Time: Mar 29 17:40:16 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	1670	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4699	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	2872	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6493	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6607	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	6551	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	428	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1188	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.29	128	2408	0.184	ng/ul#	92
5) 2-Methylnaphthalene	12.87	142	1389	0.152	ng/ul	96
8) Acenaphthene	15.06	153	2718	0.249	ng/ul	96
9) Fluorene	16.03	166	1108	0.093	ng/ul	90
12) Phenanthrene	17.75	178	24860	1.278	ng/ul#	88
13) Anthracene	17.84	178	7290	0.401	ng/ul#	91
15) Fluoranthene	19.71	202	55555	2.359	ng/ul	84
17) Pyrene	20.07	202	56958	2.270	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	53208	2.496	ng/ul#	85
19) Chrysene	21.83	228	38569	1.777	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	52606m	2.318	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	18289m	0.848	ng/ul	
23) Benzo(a)pyrene	24.30	252	37130	1.792	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.23	276	23175	1.009	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.23	278	7065	0.385	ng/ul	99
26) Benzo(g,h,i)perylene	28.11	276	21669	1.098	ng/ul#	94

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

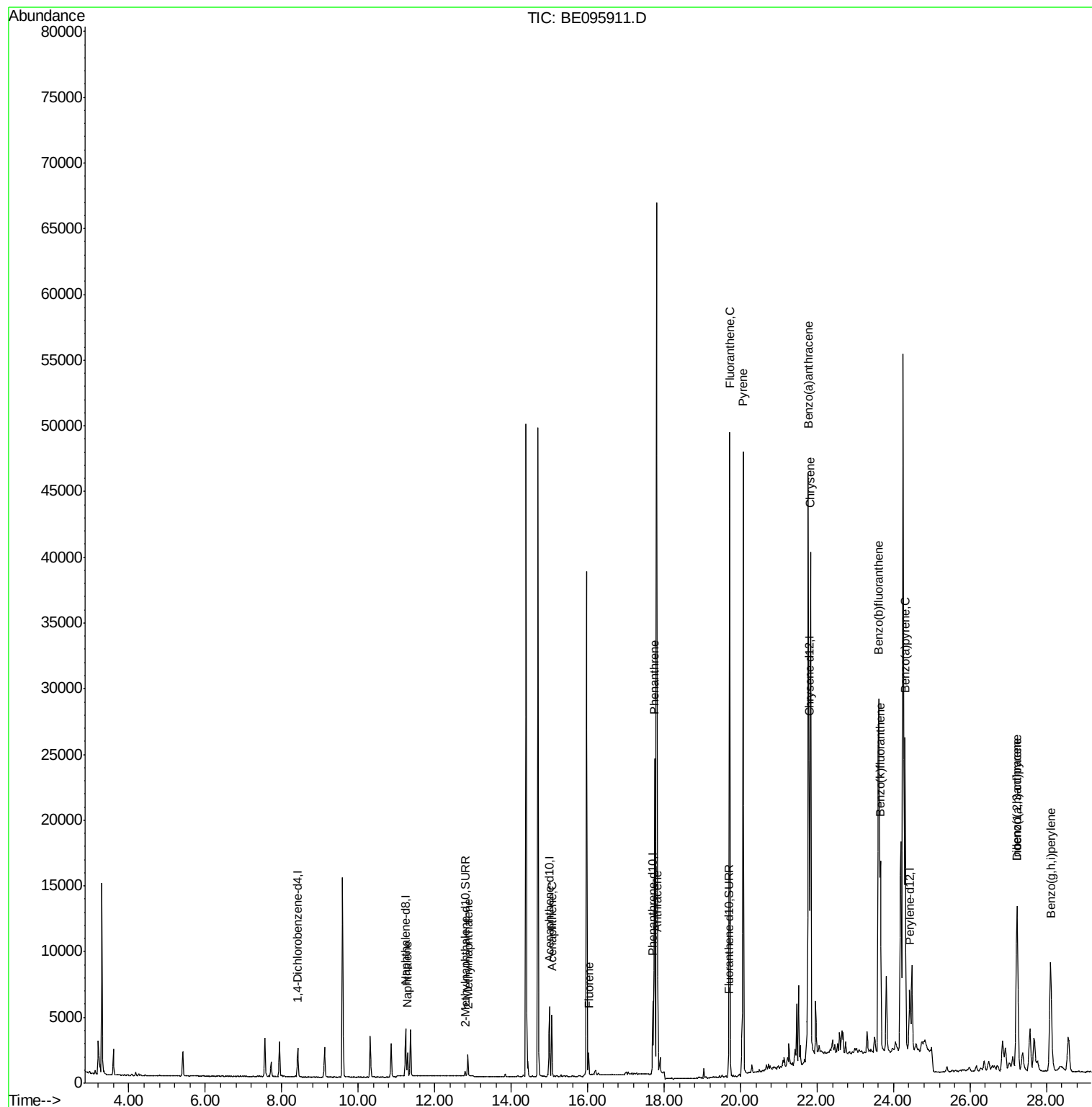
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095911.D
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Operator : SJ/JU
Sample : J2060-10DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

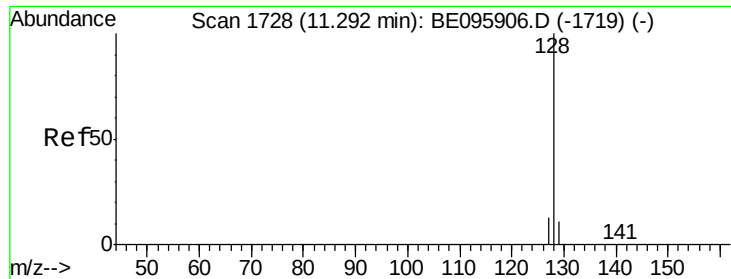
Instrument :
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Quant Time: Mar 29 17:40:16 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.184 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Instrument :

BNA_E

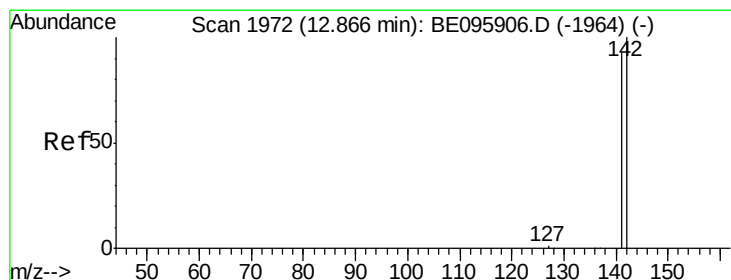
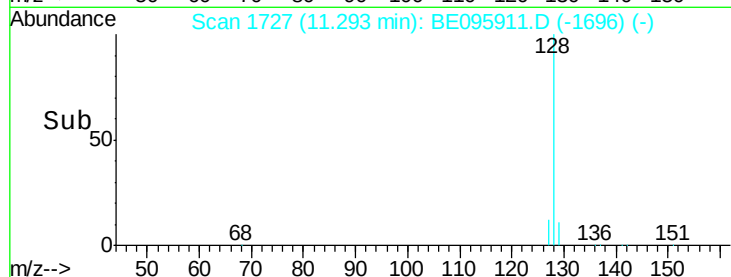
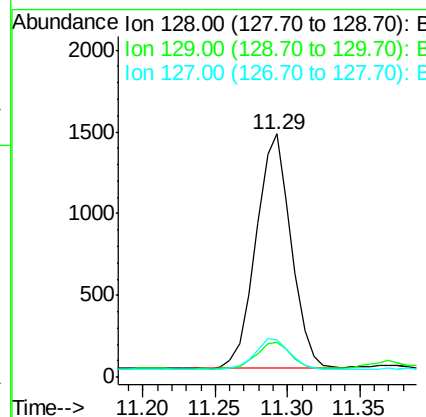
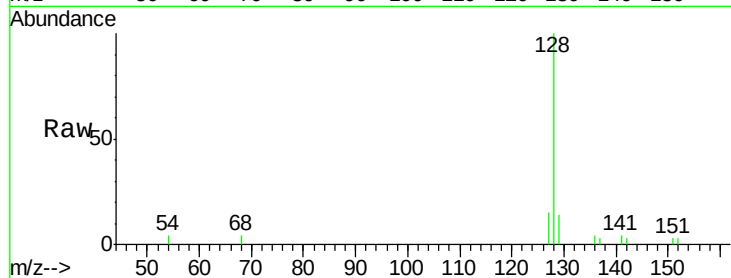
ClientSampleId :

C0AS5DL

Tgt Ion:	128	Resp:	2408
Ion Ratio	Lower	Upper	
128	100		
129	14.1	11.3	16.9
127	15.2	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.152 ng/ul

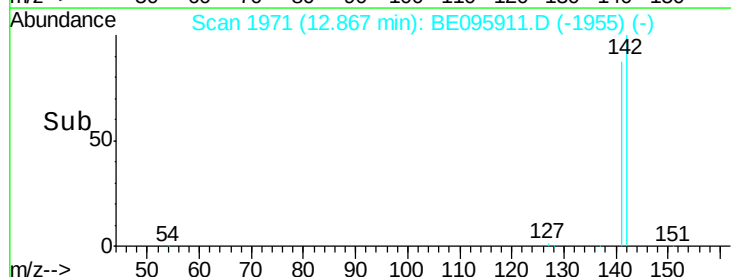
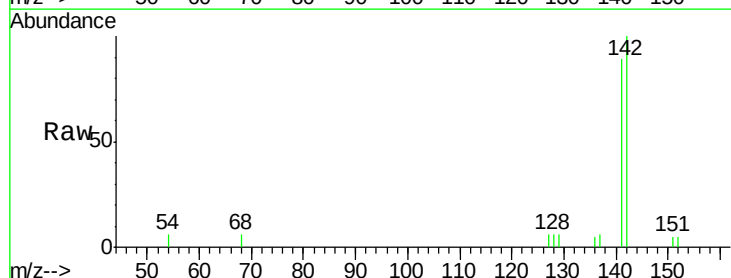
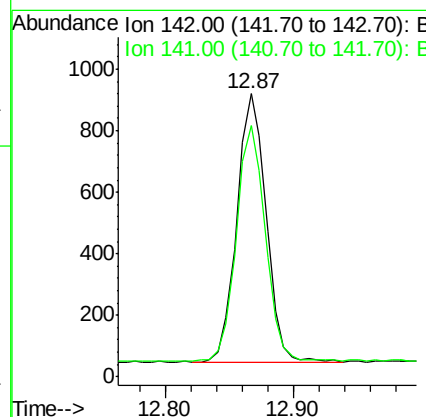
RT: 12.87 min Scan# 1971

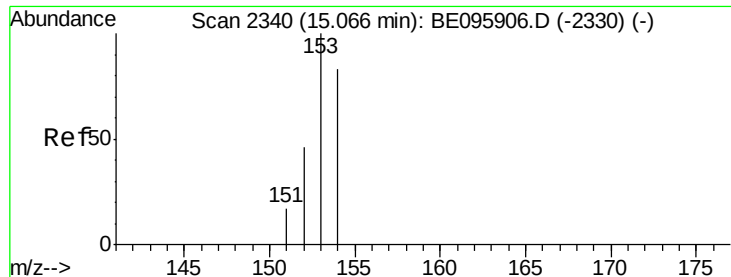
Delta R.T. 0.00 min

Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Tgt Ion:	142	Resp:	1389
Ion Ratio	Lower	Upper	
142	100		
141	86.9	72.6	108.8





#8

Acenaphthene

Concen: 0.249 ng/ul

RT: 15.06 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Instrument :

BNA_E

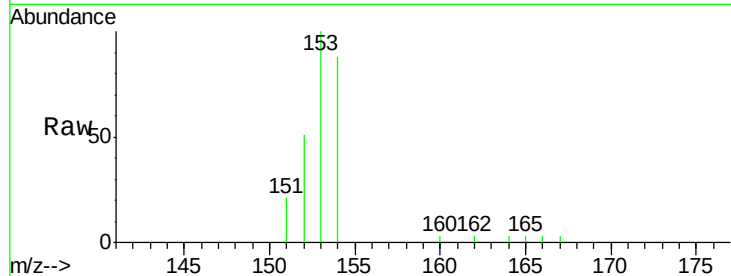
ClientSampleId :

C0AS5DL

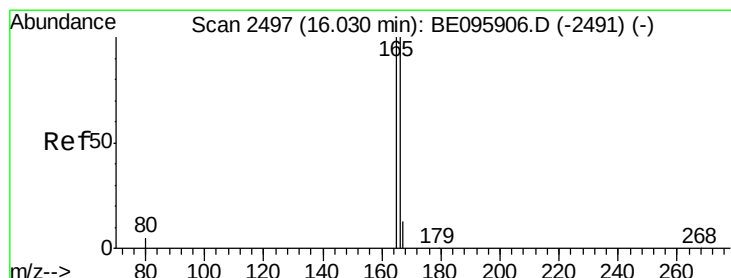
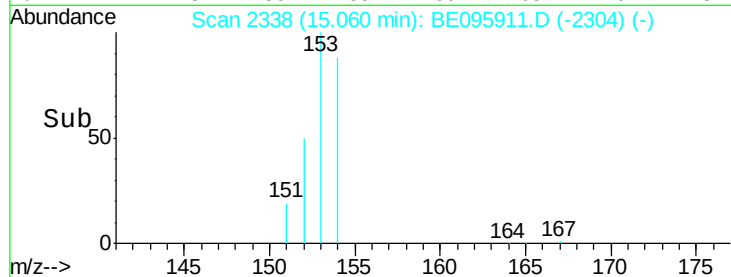
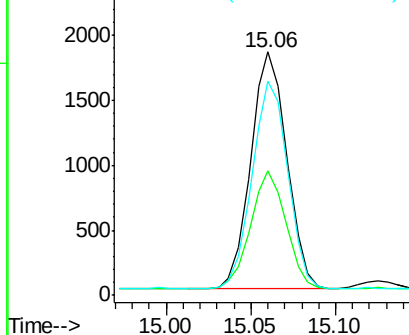
Tgt Ion:	153	Resp:	2718
Ion Ratio	Lower	Upper	
153	100		
152	51.1	36.0	54.0
154	88.1	72.0	108.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.093 ng/ul

RT: 16.03 min Scan# 2496

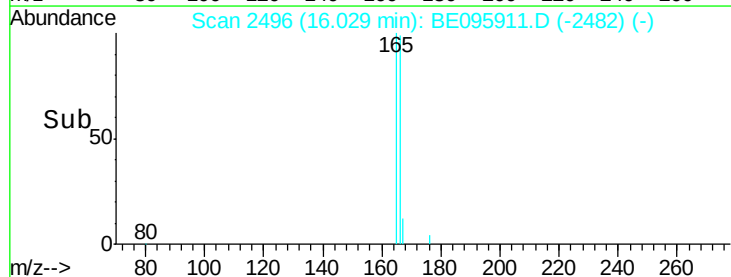
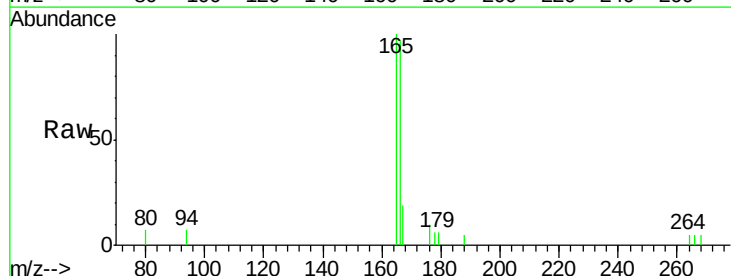
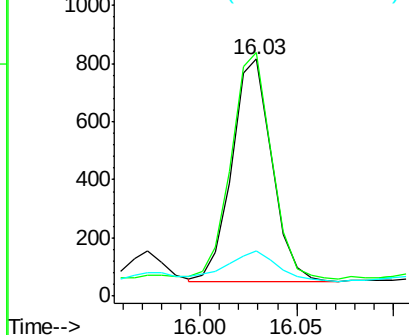
Delta R.T. 0.01 min

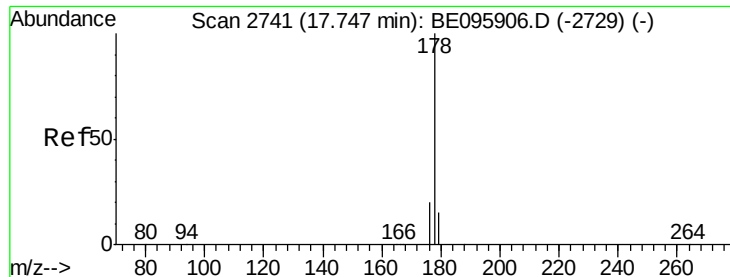
Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Tgt Ion:	166	Resp:	1108
Ion Ratio	Lower	Upper	
166	100		
165	102.8	73.4	110.2
167	19.3	14.6	22.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





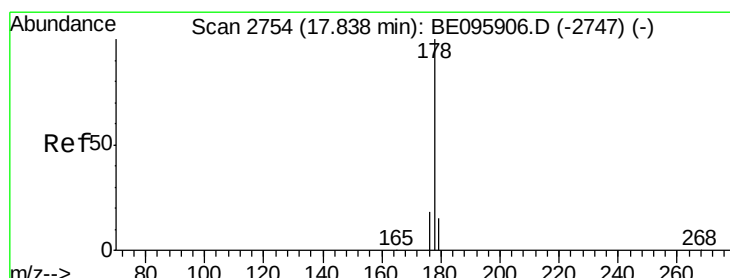
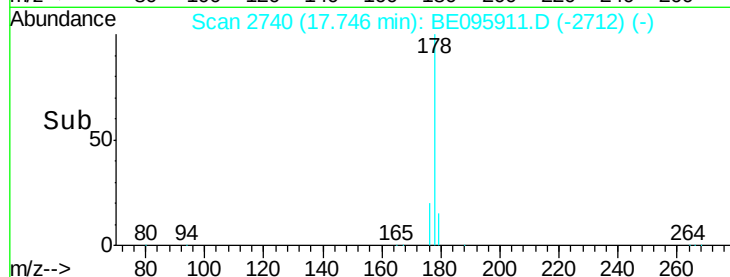
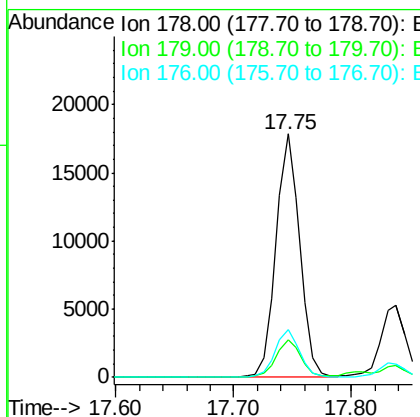
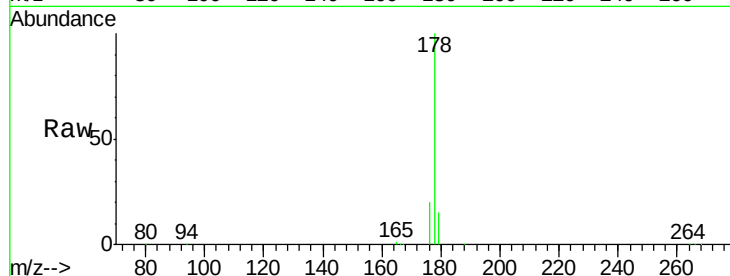
#12
Phenanthrene
Concen: 1.278 ng/ul
RT: 17.75 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.8	13.6	20.4

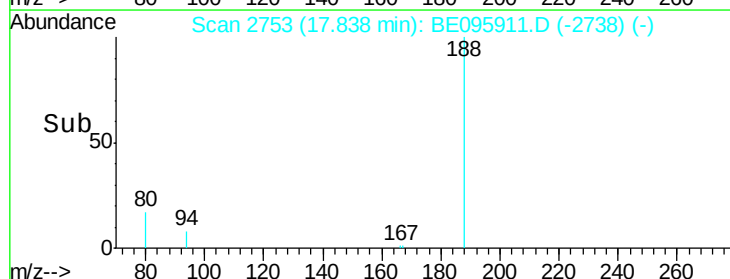
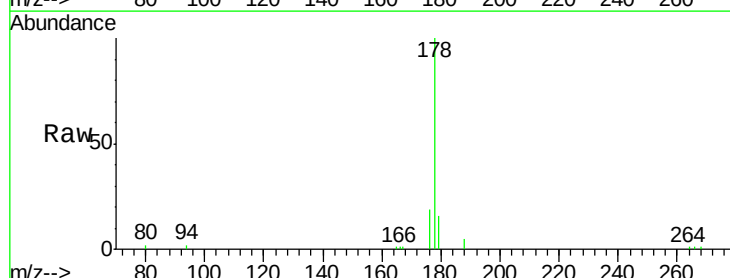
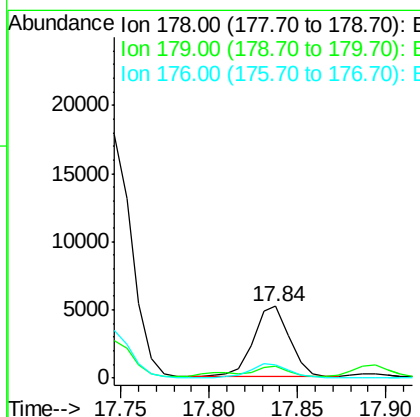
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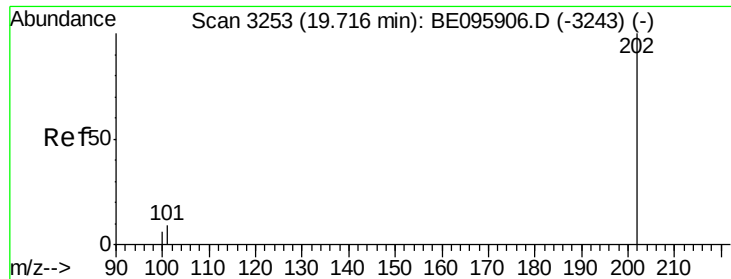
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#13
Anthracene
Concen: 0.401 ng/ul
RT: 17.84 min Scan# 2753
Delta R.T. 0.01 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.2	14.7	22.1





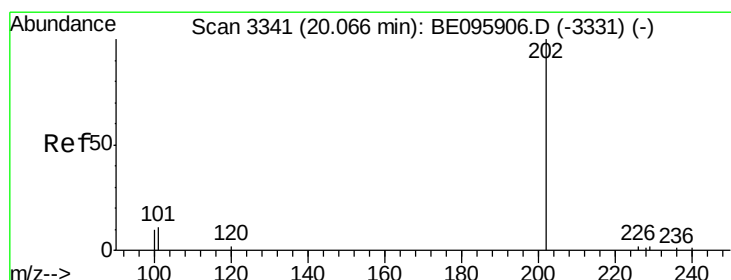
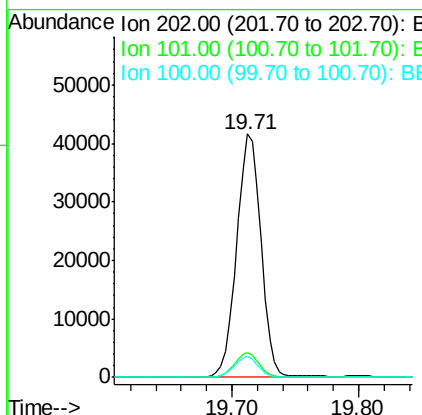
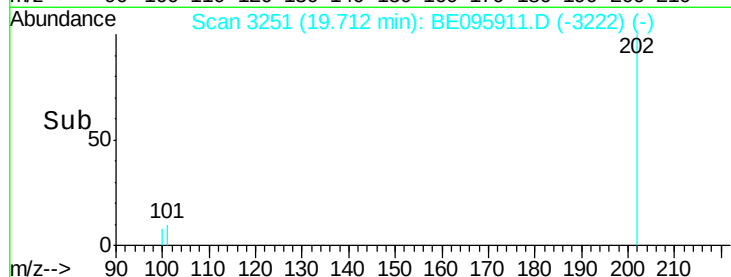
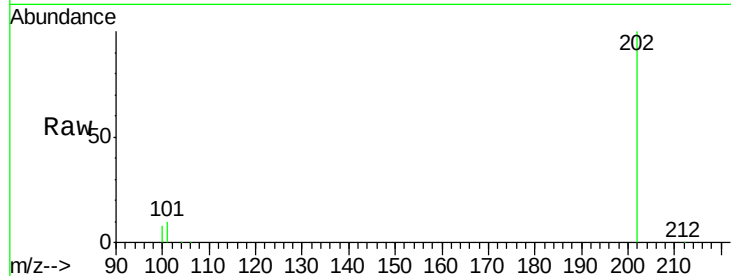
#15
Fluoranthene
Concen: 2.359 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Instrument :
BNA_E
ClientSampleId :
C0AS5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	0.0	30.3
100	8.4	0.0	39.5

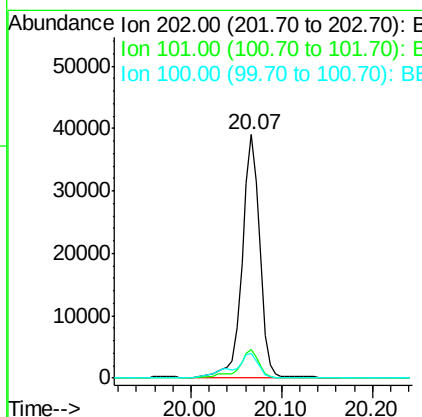
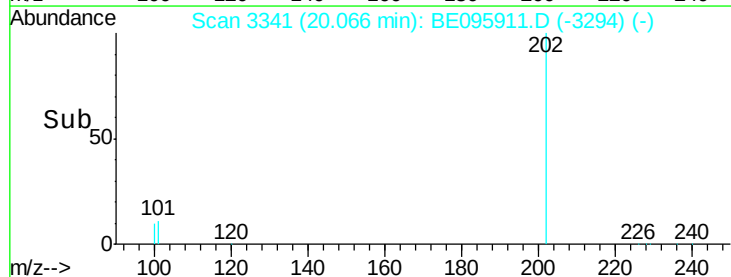
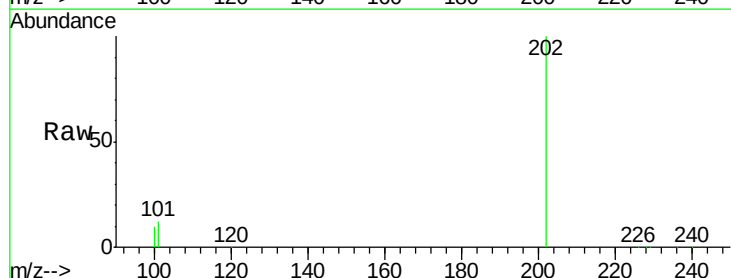
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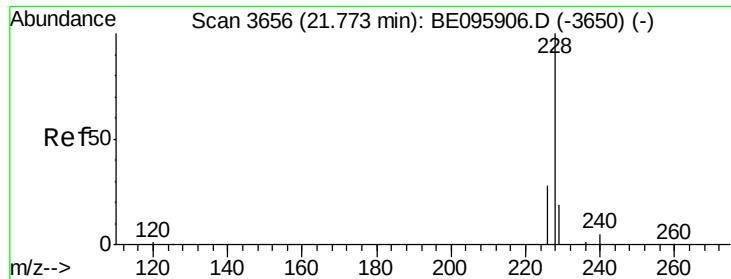
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#17
Pyrene
Concen: 2.270 ng/ul
RT: 20.07 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	18.2	27.4#
100	10.3	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 2.496 ng/ul

RT: 21.77 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Instrument :

BNA_E

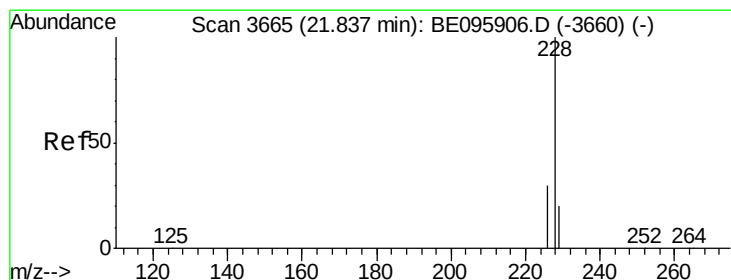
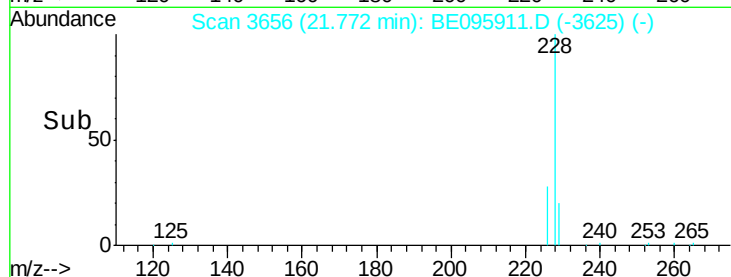
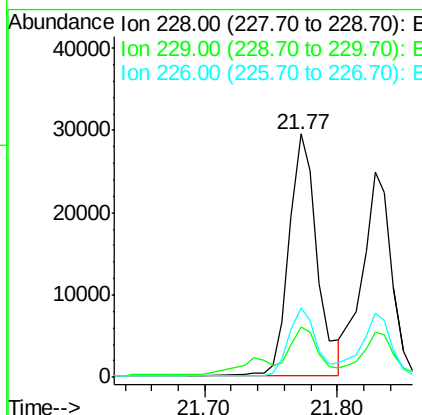
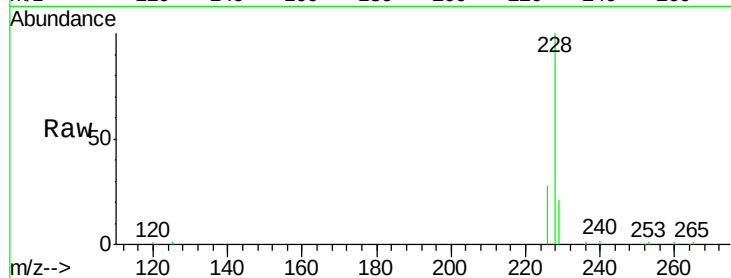
ClientSampleId :

C0AS5DL

Tgt Ion:	228	Resp:	53208
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	28.4	17.0	25.6#

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#19

Chrysene

Concen: 1.777 ng/ul

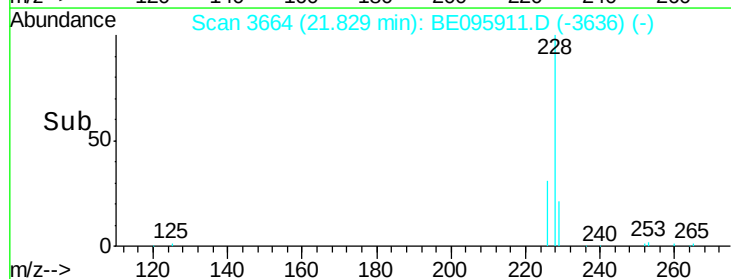
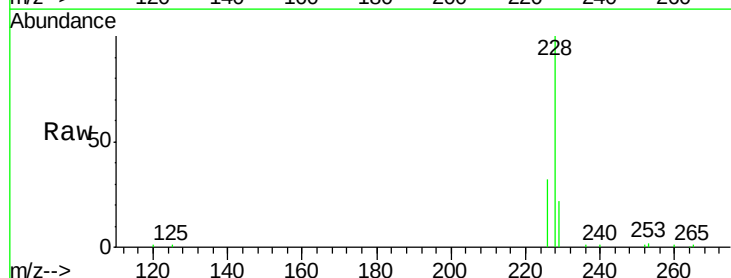
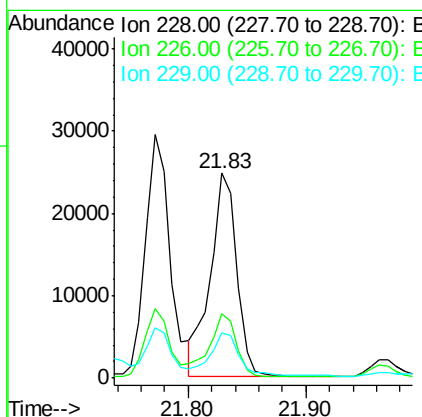
RT: 21.83 min Scan# 3664

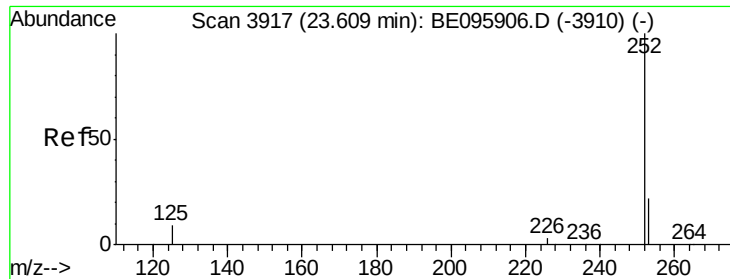
Delta R.T. -0.00 min

Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Tgt Ion:	228	Resp:	38569
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.4	35.0
229	22.2	17.7	26.5





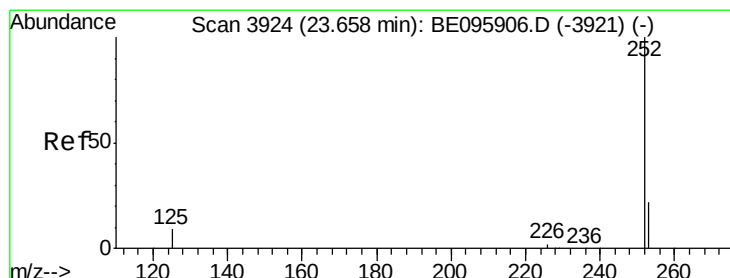
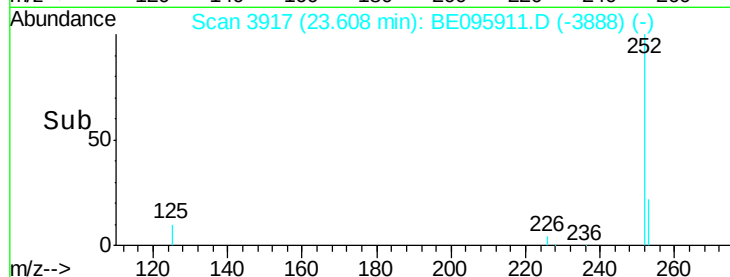
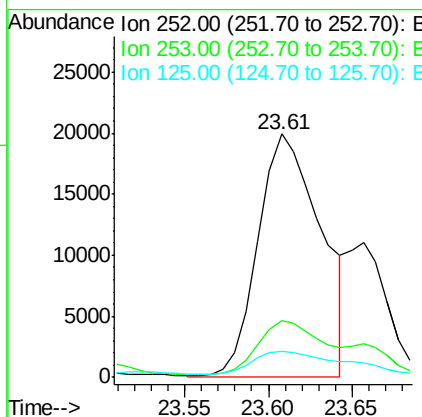
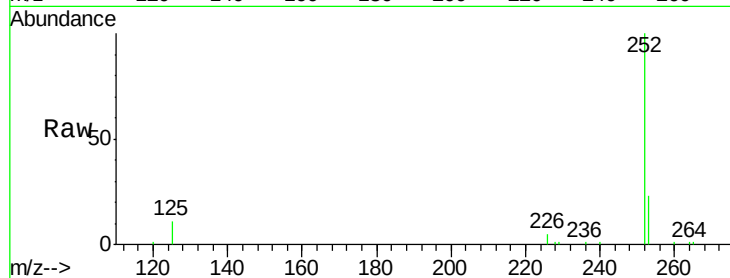
#21
Benzo(b)fluoranthene
Concen: 2.318 ng/ul m
RT: 23.61 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Instrument :
BNA_E
ClientSampleId :
C0AS5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	0.0	64.2
125	10.9	0.0	35.0

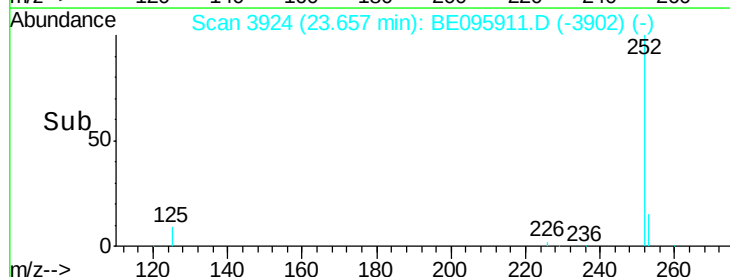
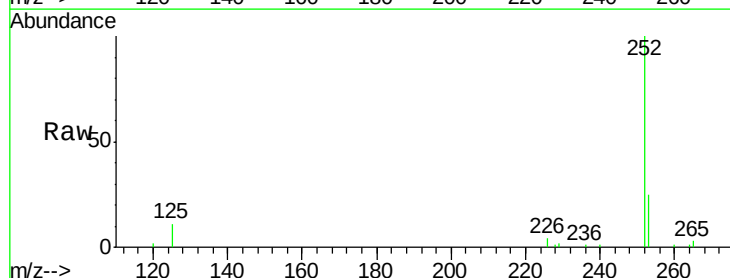
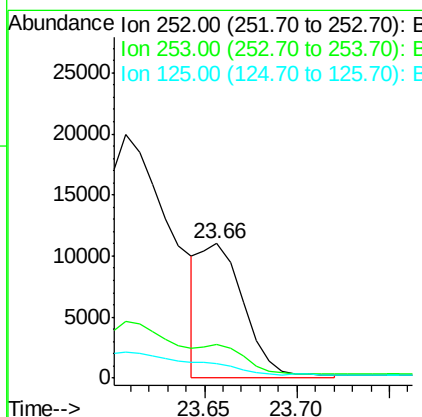
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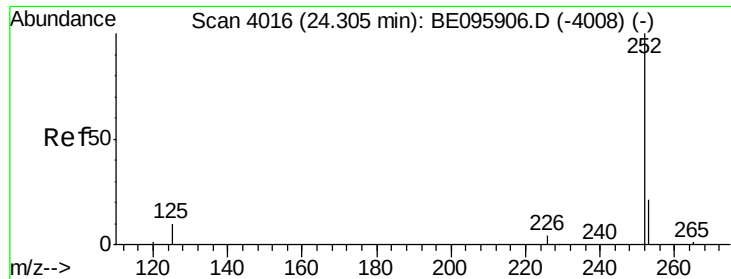
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#22
Benzo(k)fluoranthene
Concen: 0.848 ng/ul m
RT: 23.66 min Scan# 3924
Delta R.T. 0.01 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.2	24.5	36.7
125	11.2	13.7	20.5





#23

Benzo(a)pyrene

Concen: 1.792 ng/ul

RT: 24.30 min Scan# 4016

Delta R.T. 0.01 min

Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Instrument :

BNA_E

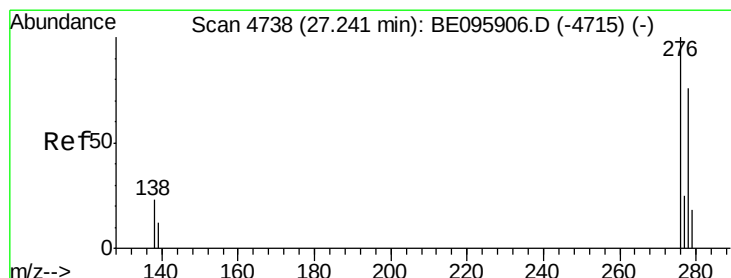
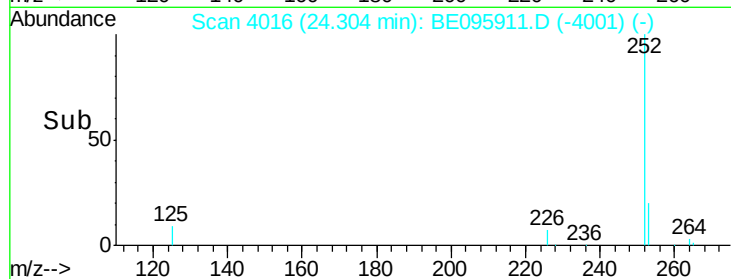
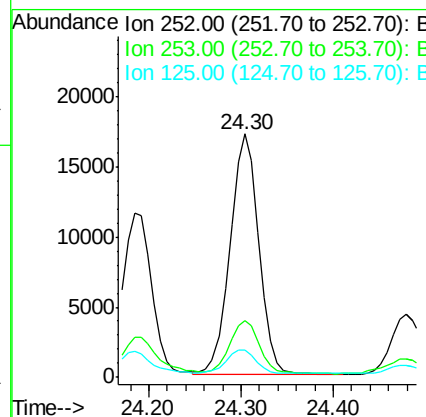
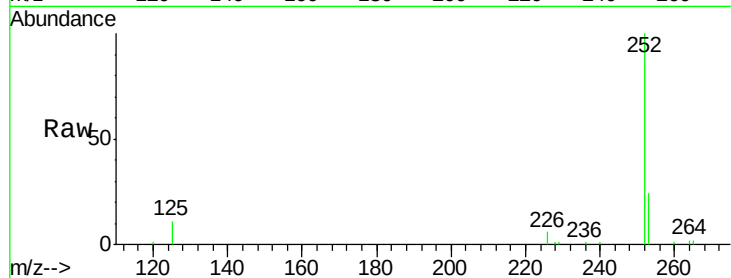
ClientSampleId :

C0AS5DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37130		
253	23.5	28.5	42.7#	
125	11.2	18.1	27.1#	

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.009 ng/ul

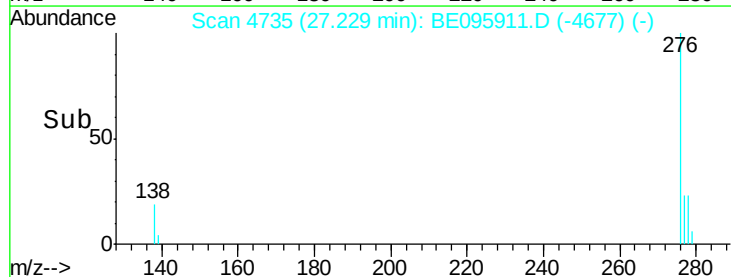
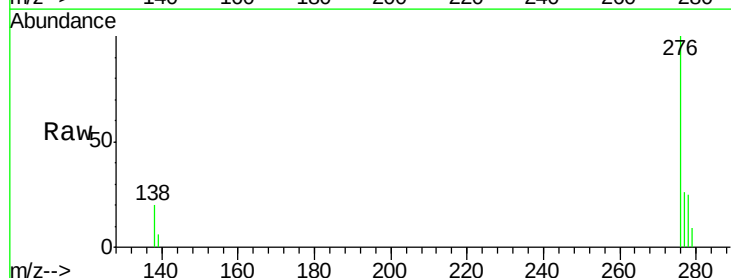
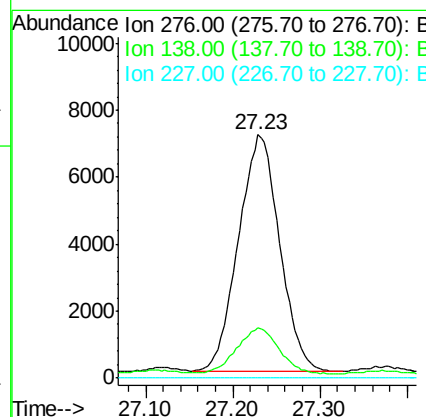
RT: 27.23 min Scan# 4735

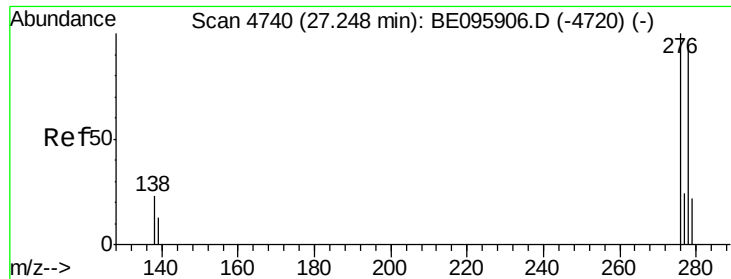
Delta R.T. 0.01 min

Lab File: BE095911.D

Acq: 29 Mar 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	23175		
138	19.7	28.0	42.0#	
227	0.0	8.0	12.0#	





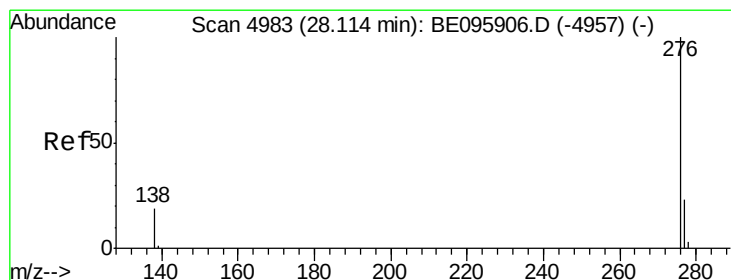
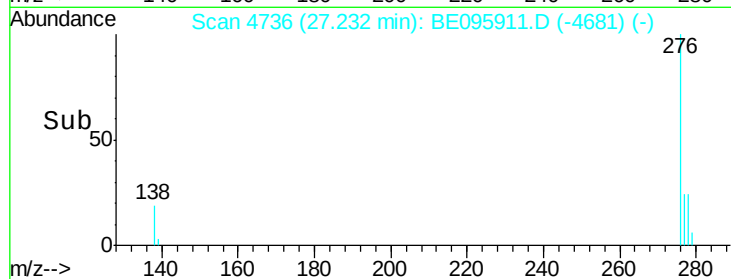
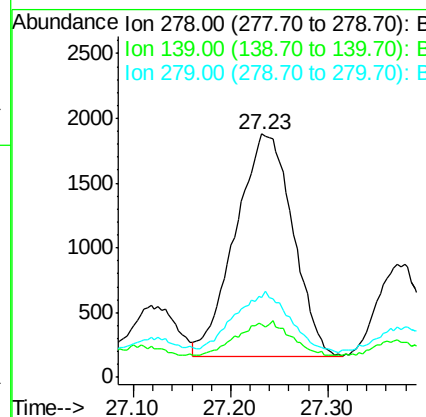
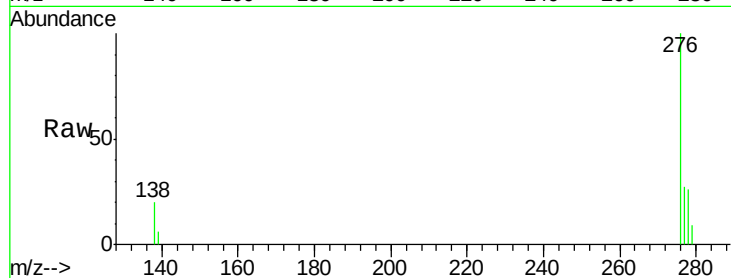
#25
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. -0.00 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Instrument :
BNA_E
ClientSampleId :
C0AS5DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.4	26.0
279	32.9	25.9	38.9

Manual Integrations
APPROVED

Sohil
3/29/2018 6:45:02 PM



#26
Benzo(g,h,i)perylene
Concen: 1.098 ng/ul
RT: 28.11 min Scan# 4982
Delta R.T. 0.02 min
Lab File: BE095911.D
Acq: 29 Mar 2018 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.8	32.8#
277	25.5	20.5	30.7

