

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
 Data File : BE095912.D
 Acq On : 29 Mar 2018 13:11
 Operator : SJ/JU
 Sample : J1951-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AW1DL

Manual Integrations
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Quant Time: Mar 29 17:44:46 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	1781	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5116	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3119	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6935	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6950	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7023	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	502	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1299	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.29	128	567	0.040	ng/ul#	67
5) 2-Methylnaphthalene	12.87	142	310	0.031	ng/ul	95
8) Acenaphthene	15.06	153	2204	0.186	ng/ul	95
9) Fluorene	16.03	166	2099	0.163	ng/ul	95
12) Phenanthrene	17.75	178	50121	2.413	ng/ul#	88
13) Anthracene	17.84	178	9217	0.475	ng/ul#	92
15) Fluoranthene	19.71	202	113008	4.492	ng/ul	83
17) Pyrene	20.07	202	101309	3.839	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	53144	2.370	ng/ul#	85
19) Chrysene	21.83	228	45332	1.985	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	62951m	2.588	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	20986m	0.907	ng/ul	
23) Benzo(a)pyrene	24.30	252	42553	1.916	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.23	276	29078	1.181	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.23	278	7070	0.359	ng/ul	99
26) Benzo(g,h,i)perylene	28.11	276	27587	1.304	ng/ul#	93

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

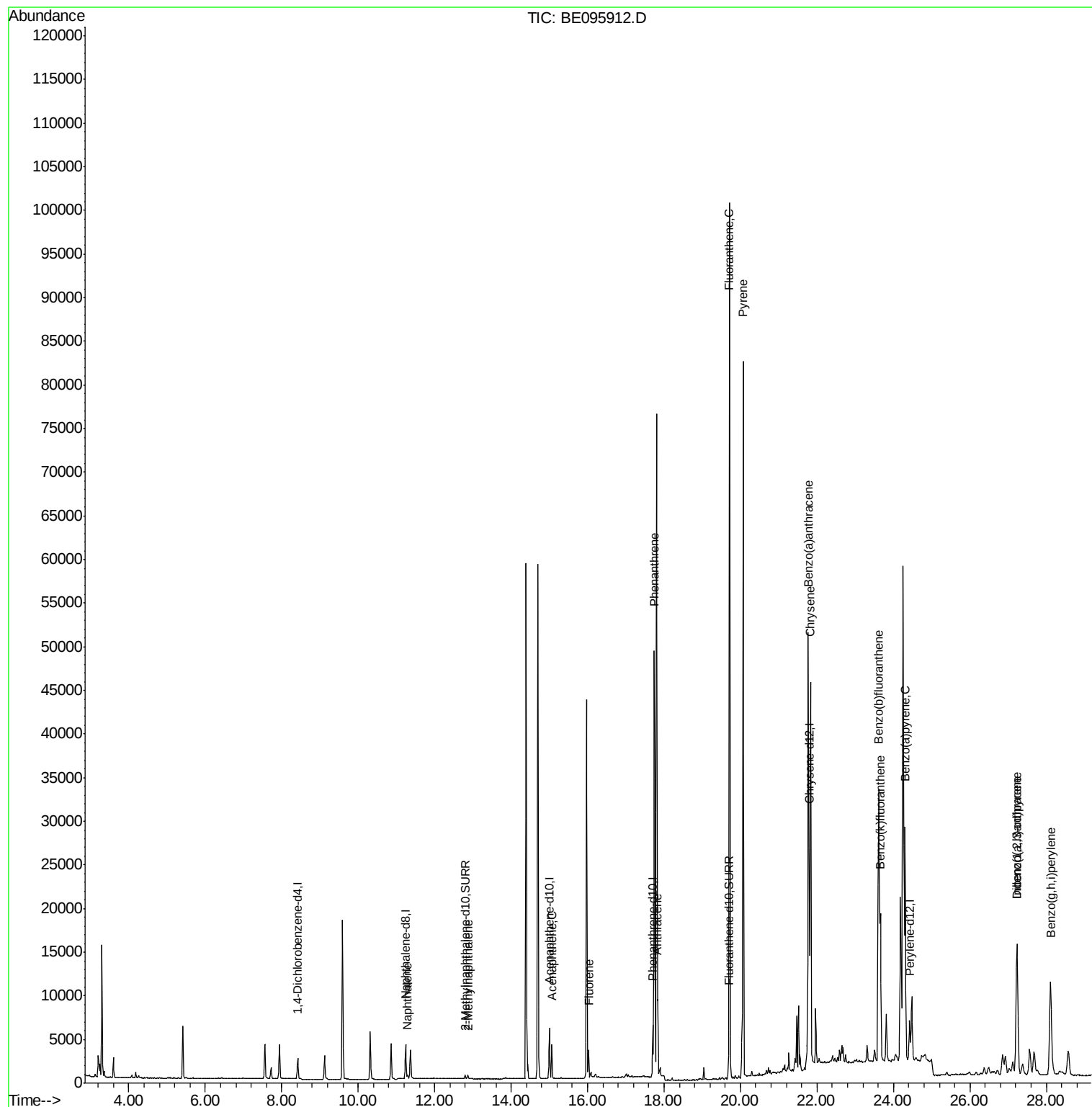
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095912.D
Acq On : 29 Mar 2018 13:11
Operator : SJ/JU
Sample : J1951-04DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

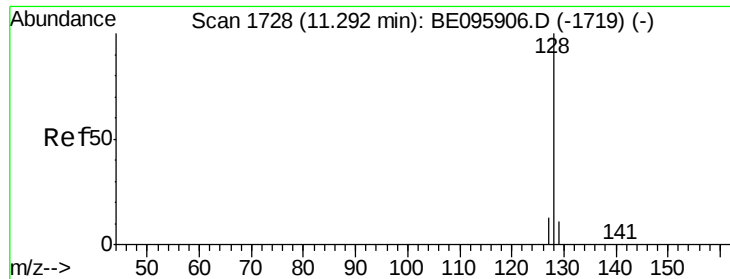
Instrument :
BNA_E
ClientSampleId :
C0AW1DL

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Quant Time: Mar 29 17:44:46 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: 0.040 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BE095912.D

Acq: 29 Mar 2018 13:11

Instrument :

BNA_E

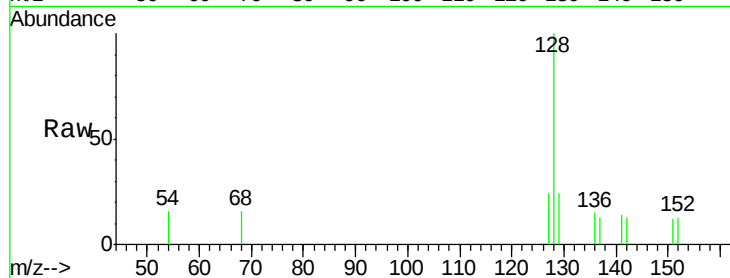
ClientSampleId :

C0AW1DL

Tgt Ion:	128	Resp:	567
Ion Ratio	Lower	Upper	
128	100		
129	23.9	11.3	16.9#
127	23.9	4.0	6.0#

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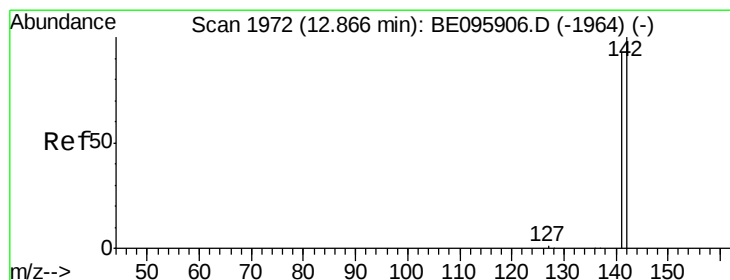
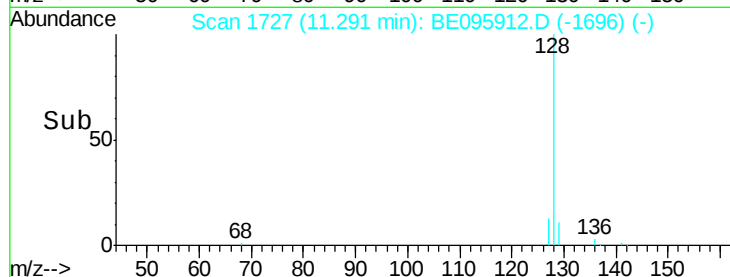
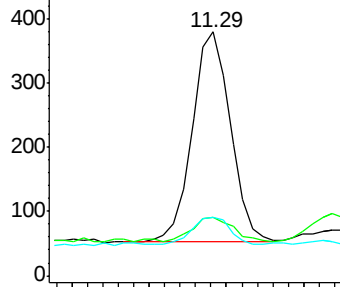
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

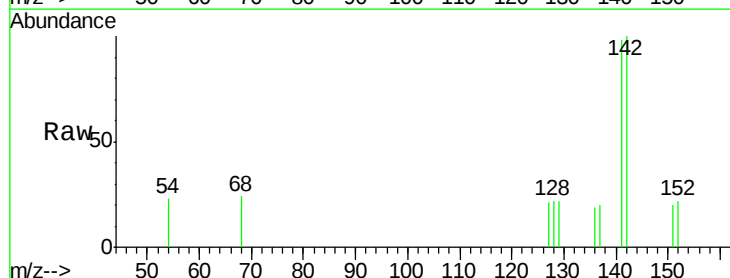
RT: 12.87 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE095912.D

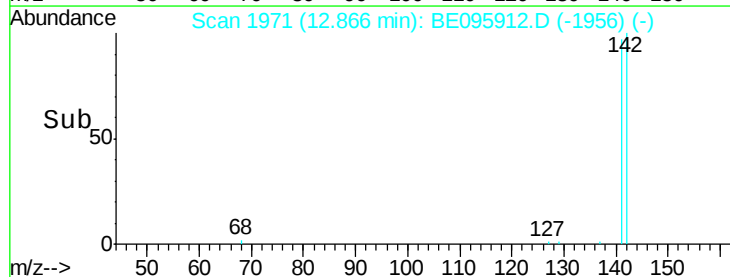
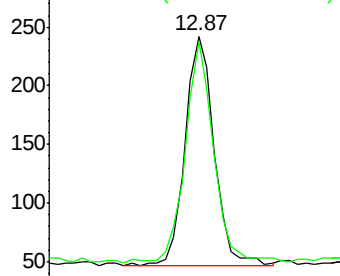
Acq: 29 Mar 2018 13:11

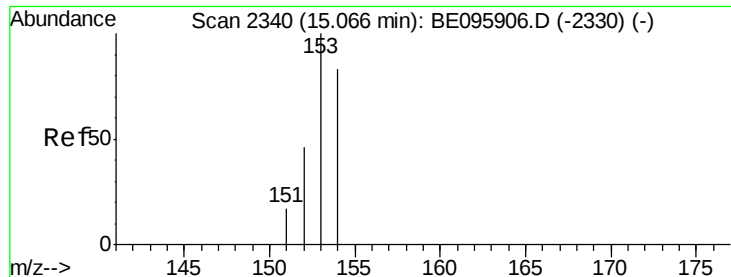
Tgt Ion:	142	Resp:	310
Ion Ratio	Lower	Upper	
142	100		
141	95.5	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.186 ng/ul

RT: 15.06 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BE095912.D

Acq: 29 Mar 2018 13:11

Instrument :

BNA_E

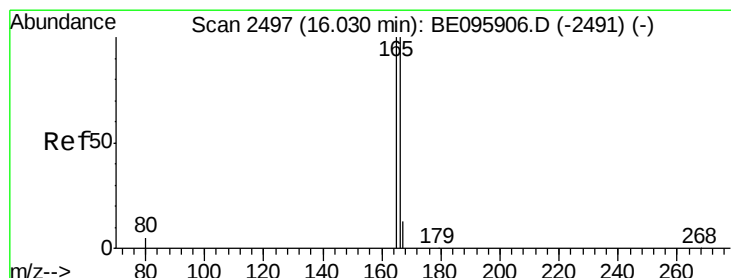
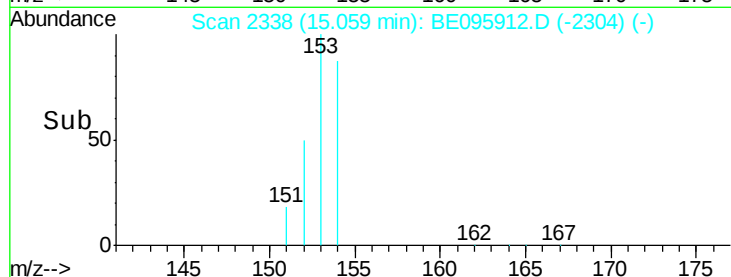
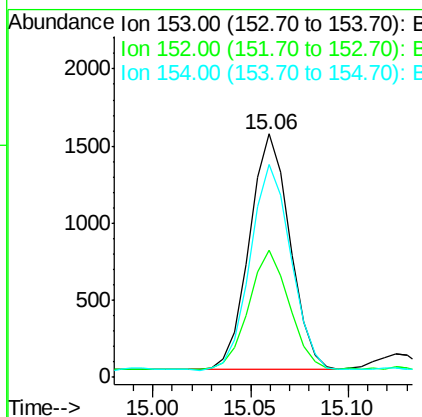
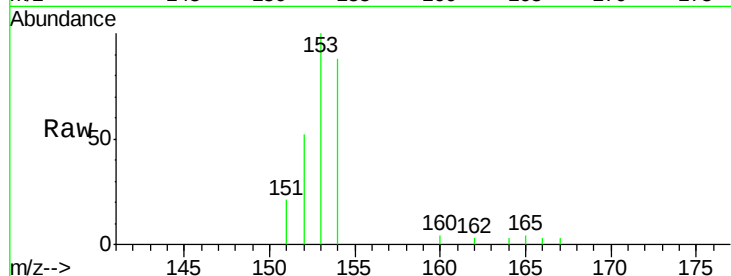
ClientSampleId :

C0AW1DL

Tgt Ion:	153	Resp:	2204
Ion Ratio	Lower	Upper	
153	100		
152	52.0	36.0	54.0
154	87.6	72.0	108.0

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#9

Fluorene

Concen: 0.163 ng/ul

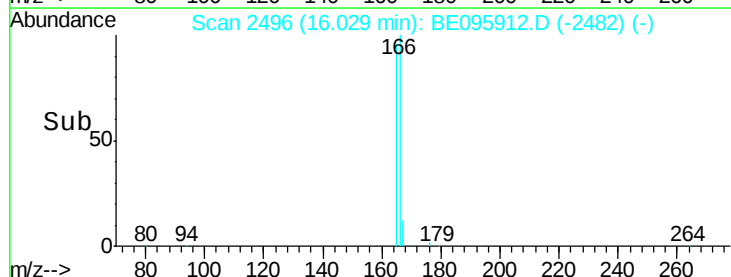
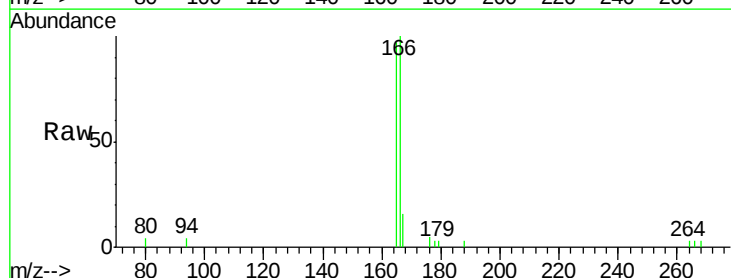
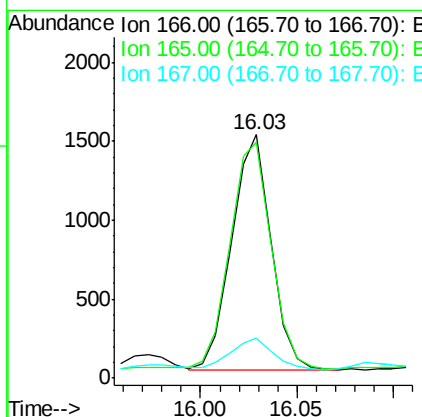
RT: 16.03 min Scan# 2496

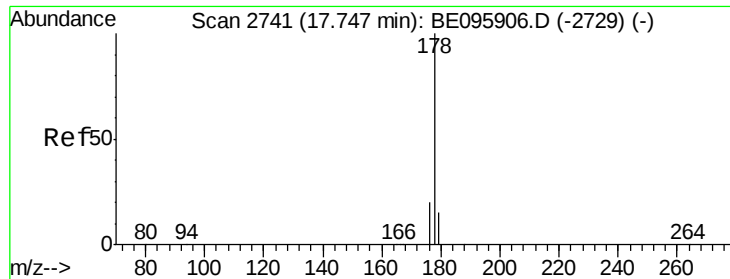
Delta R.T. 0.01 min

Lab File: BE095912.D

Acq: 29 Mar 2018 13:11

Tgt Ion:	166	Resp:	2099
Ion Ratio	Lower	Upper	
166	100		
165	97.1	73.4	110.2
167	16.4	14.6	22.0





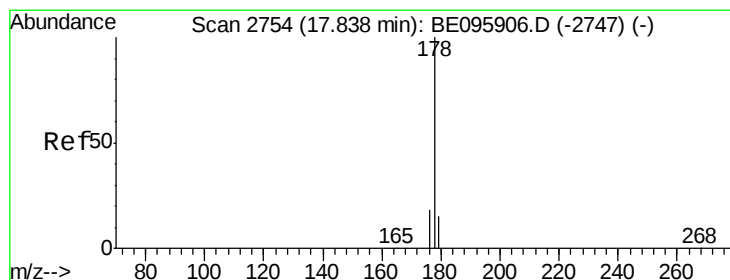
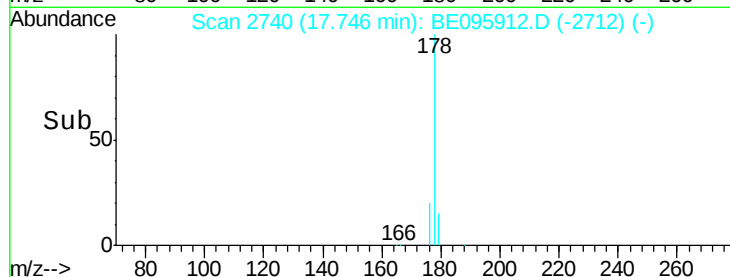
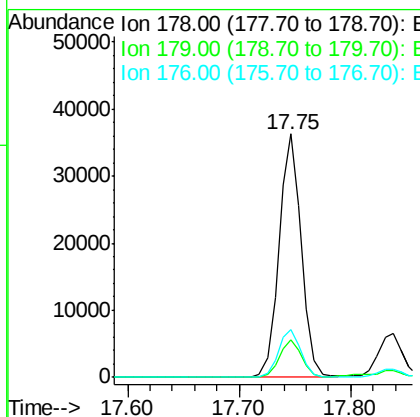
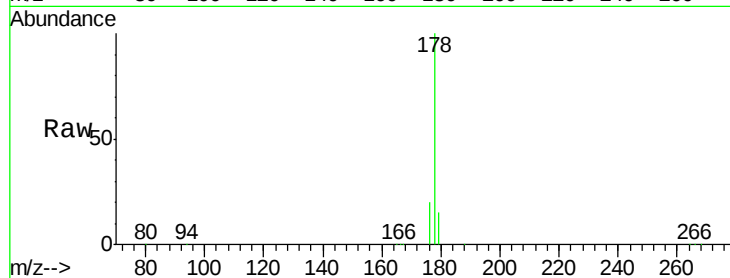
#12
Phenanthrene
Concen: 2.413 ng/ul
RT: 17.75 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BE095912.D
Acq: 29 Mar 2018 13:11

Instrument :
BNA_E
ClientSampleId :
C0AW1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	19.6	13.6	20.4

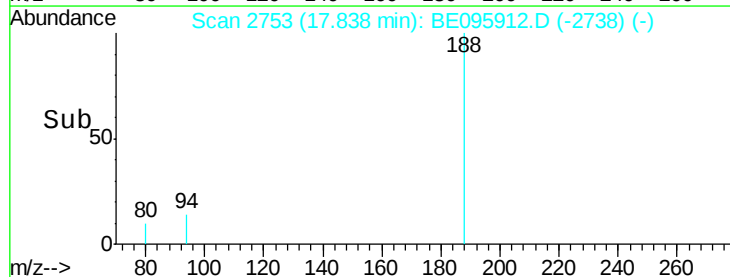
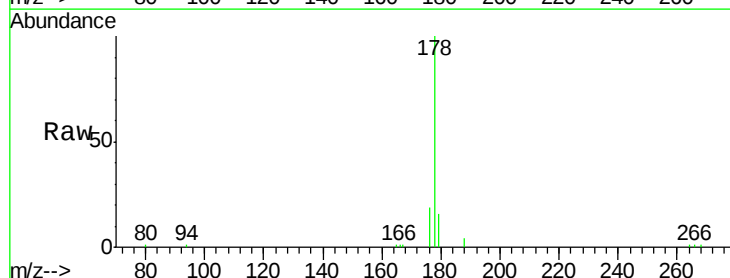
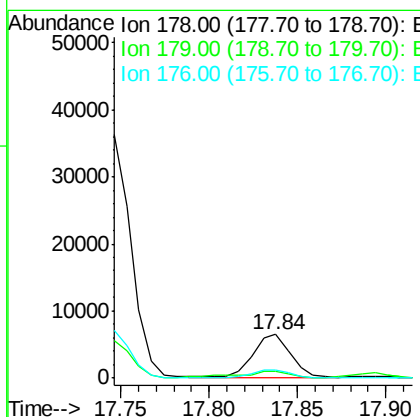
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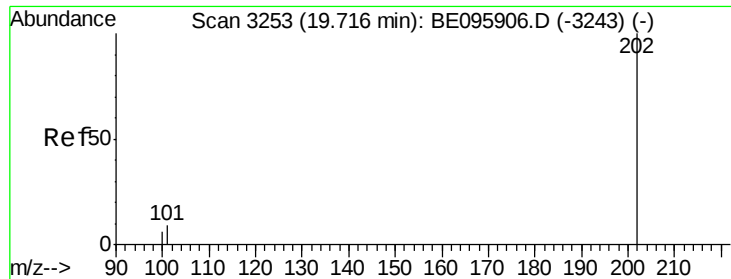
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#13
Anthracene
Concen: 0.475 ng/ul
RT: 17.84 min Scan# 2753
Delta R.T. 0.01 min
Lab File: BE095912.D
Acq: 29 Mar 2018 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.1	14.7	22.1





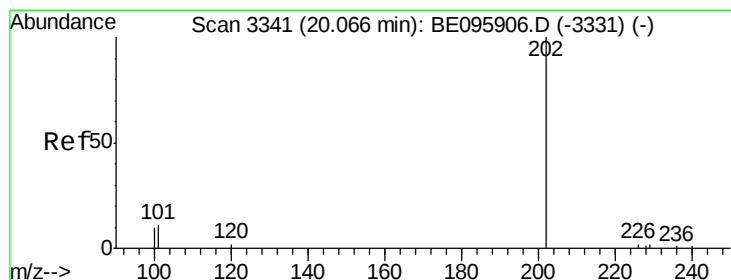
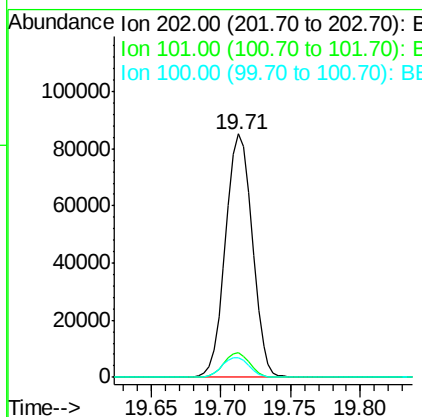
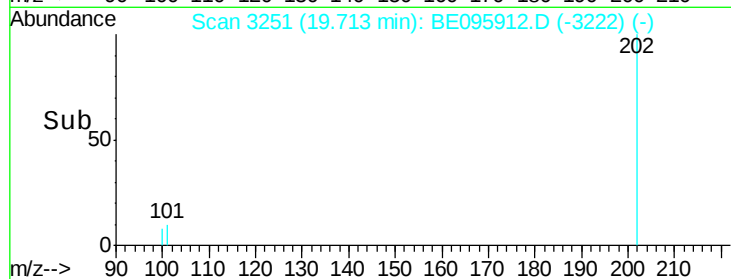
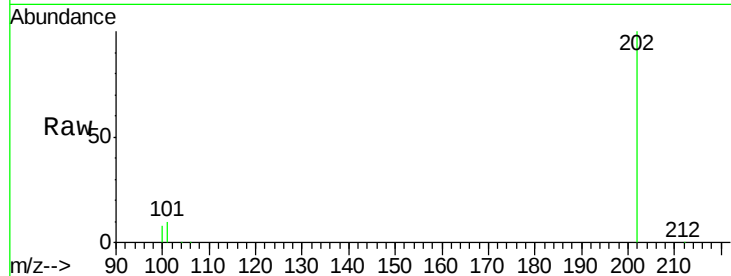
#15
Fluoranthene
 Concen: 4.492 ng/ul
 RT: 19.71 min Scan# 3251
 Delta R.T. 0.00 min
 Lab File: BE095912.D
 Acq: 29 Mar 2018 13:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AW1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	0.0	30.3
100	8.2	0.0	39.5

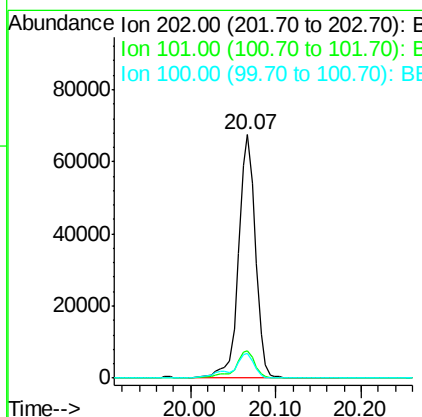
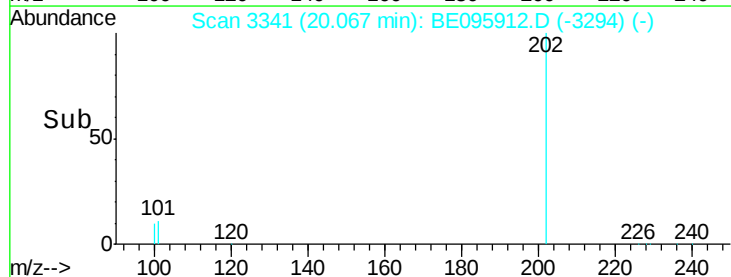
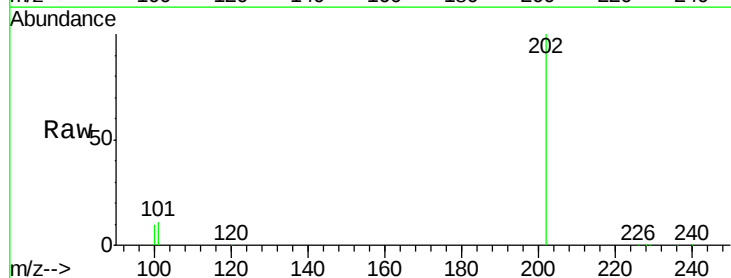
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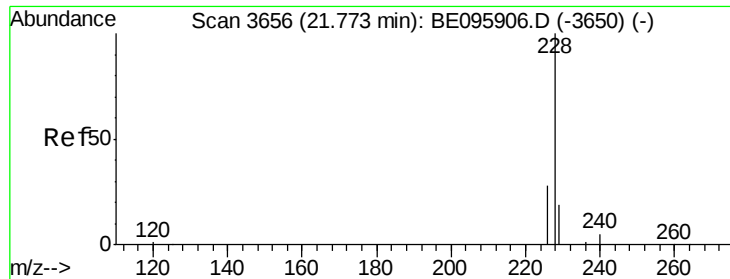
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#17
Pyrene
 Concen: 3.839 ng/ul
 RT: 20.07 min Scan# 3341
 Delta R.T. 0.00 min
 Lab File: BE095912.D
 Acq: 29 Mar 2018 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	18.2	27.4#
100	10.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 2.370 ng/ul

RT: 21.77 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BE095912.D

Acq: 29 Mar 2018 13:11

Instrument :

BNA_E

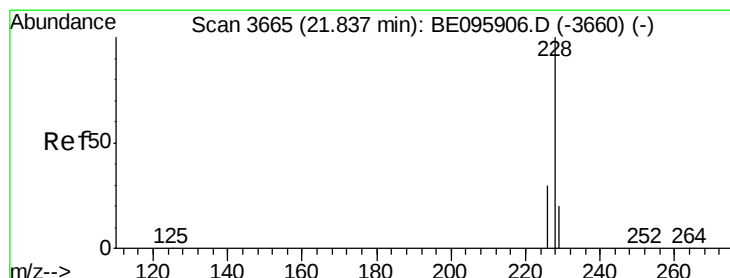
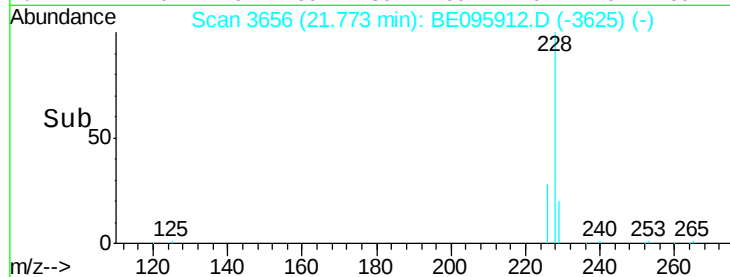
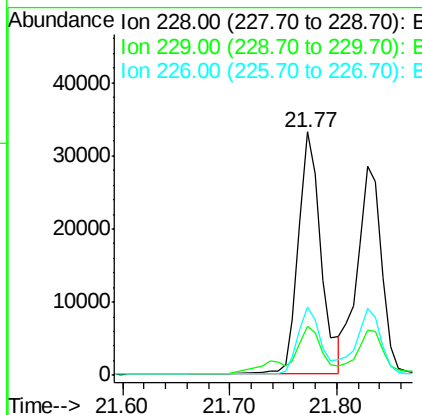
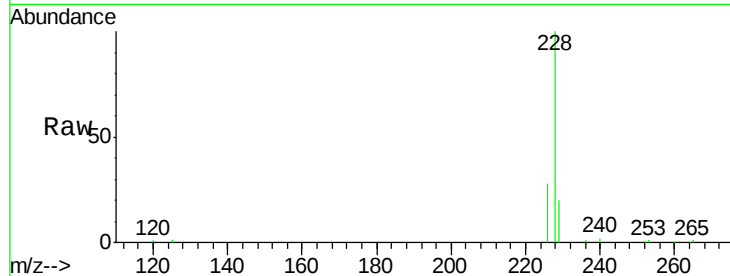
ClientSampleId :

C0AW1DL

Tgt Ion:228 Resp: 53144
 Ion Ratio Lower Upper
 228 100
 229 20.4 22.8 34.2#
 226 28.1 17.0 25.6#

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#19

Chrysene

Concen: 1.985 ng/ul

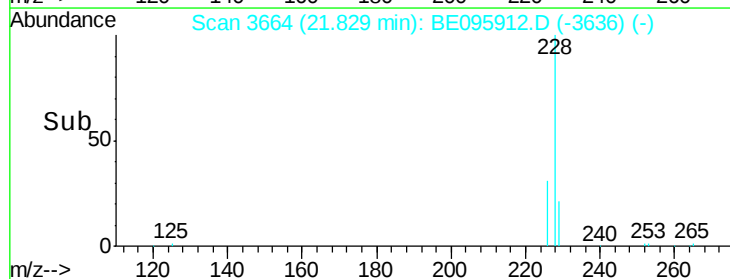
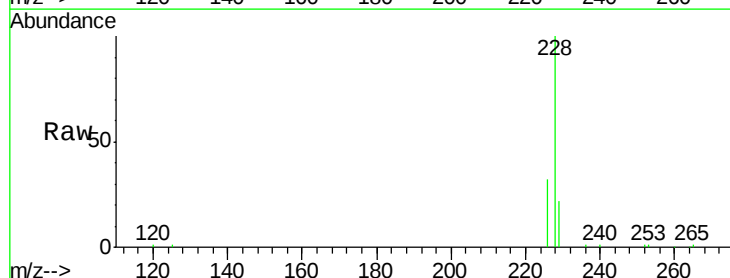
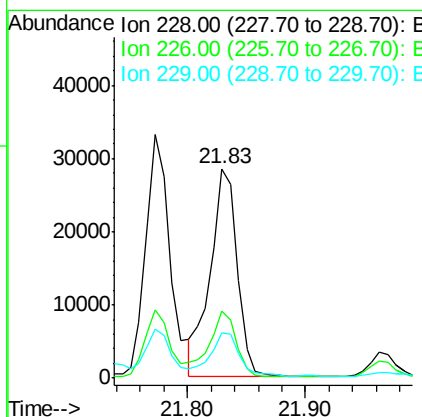
RT: 21.83 min Scan# 3664

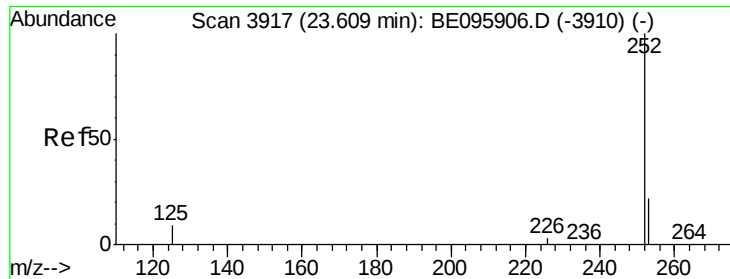
Delta R.T. -0.00 min

Lab File: BE095912.D

Acq: 29 Mar 2018 13:11

Tgt Ion:228 Resp: 45332
 Ion Ratio Lower Upper
 228 100
 226 31.9 23.4 35.0
 229 21.8 17.7 26.5





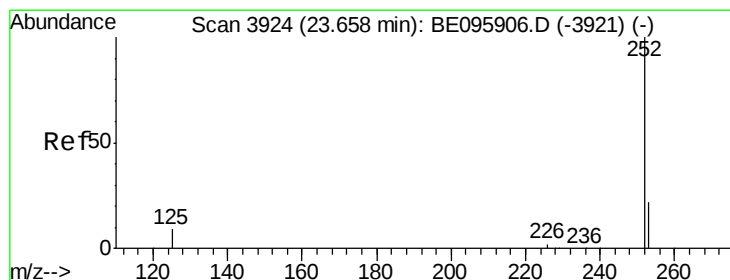
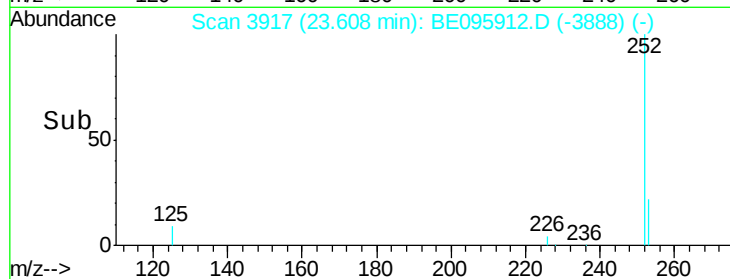
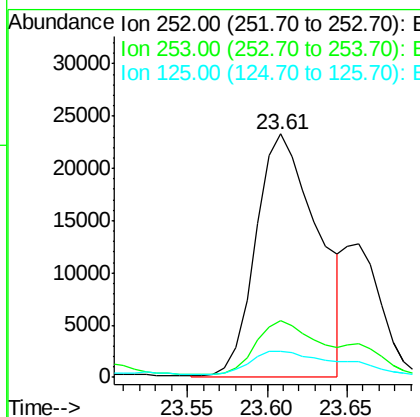
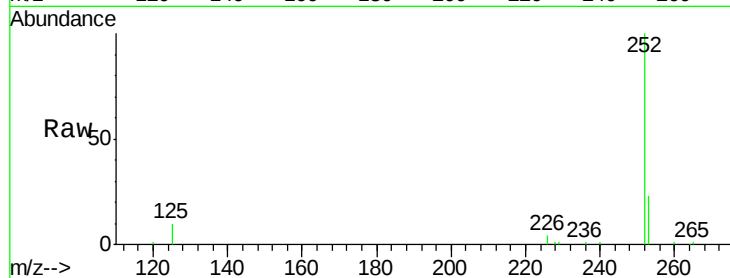
#21
Benzo(b)fluoranthene
Concen: 2.588 ng/ul m
RT: 23.61 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE095912.D
Acq: 29 Mar 2018 13:11

Instrument :
BNA_E
ClientSampleId :
C0AW1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	0.0	64.2
125	10.4	0.0	35.0

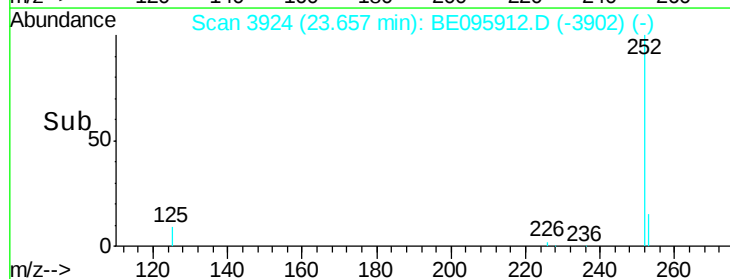
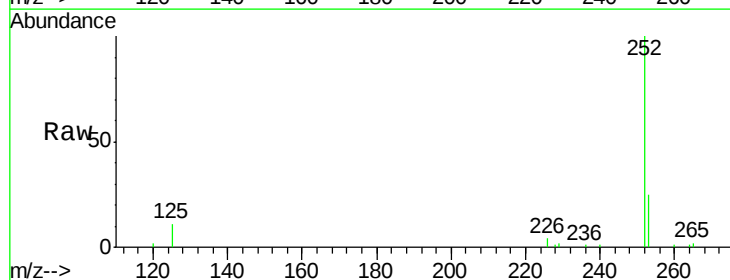
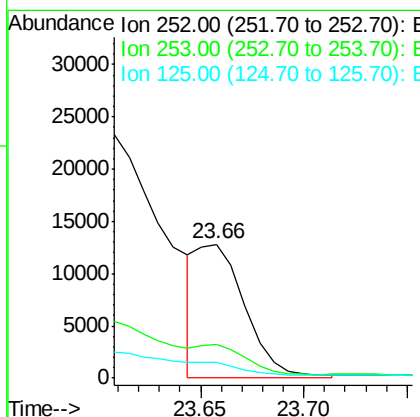
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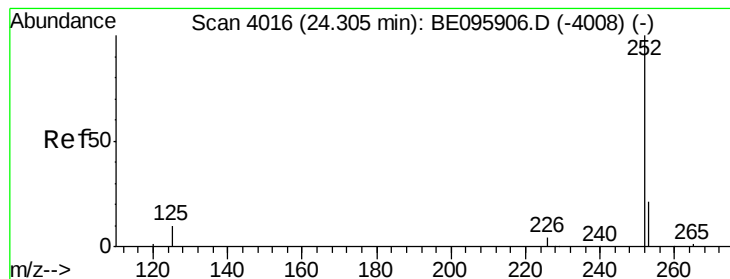
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#22
Benzo(k)fluoranthene
Concen: 0.907 ng/ul m
RT: 23.66 min Scan# 3924
Delta R.T. 0.01 min
Lab File: BE095912.D
Acq: 29 Mar 2018 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.8	24.5	36.7
125	11.3	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.916 ng/ul

RT: 24.30 min Scan# 4016

Delta R.T. 0.01 min

Lab File: BE095912.D

Acq: 29 Mar 2018 13:11

Instrument :

BNA_E

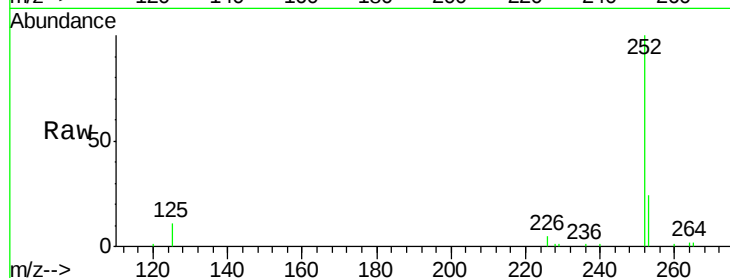
ClientSampleID :

C0AW1DL

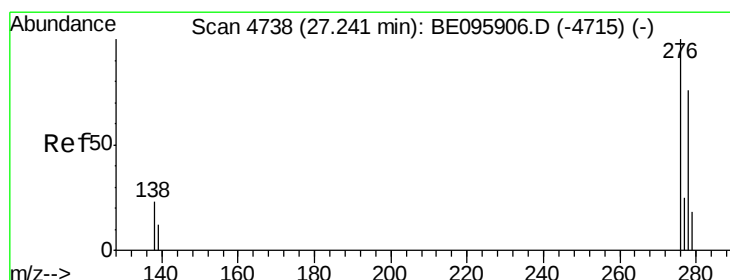
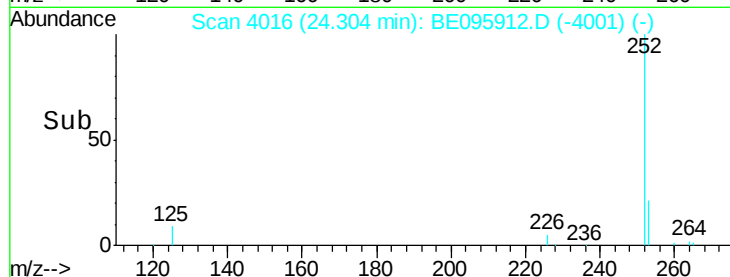
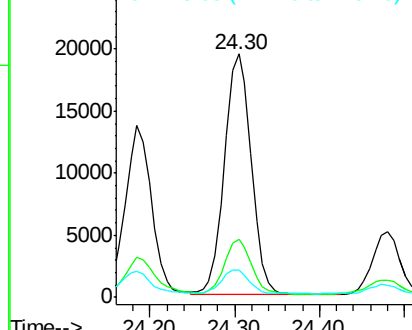
Tgt Ion:	252	Resp:	42553
Ion Ratio	Lower	Upper	
252	100		
253	23.6	28.5	42.7#
125	11.2	18.1	27.1#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.181 ng/ul

RT: 27.23 min Scan# 4734

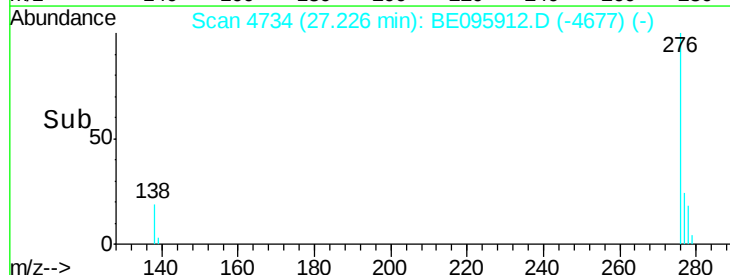
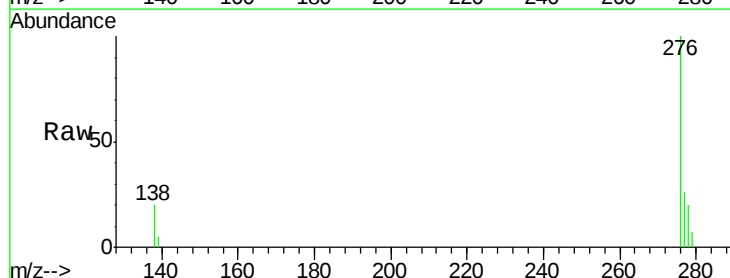
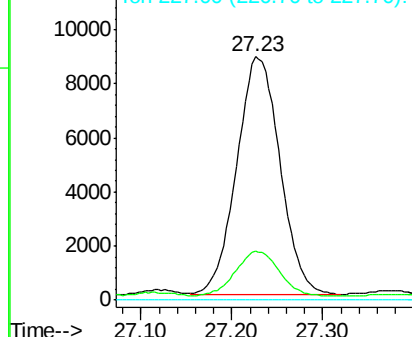
Delta R.T. 0.00 min

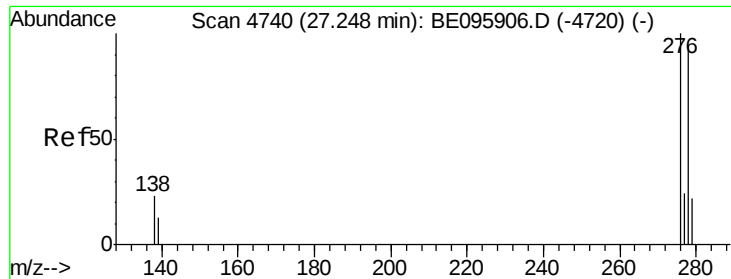
Lab File: BE095912.D

Acq: 29 Mar 2018 13:11

Tgt Ion:	276	Resp:	29078
Ion Ratio	Lower	Upper	
276	100		
138	19.2	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





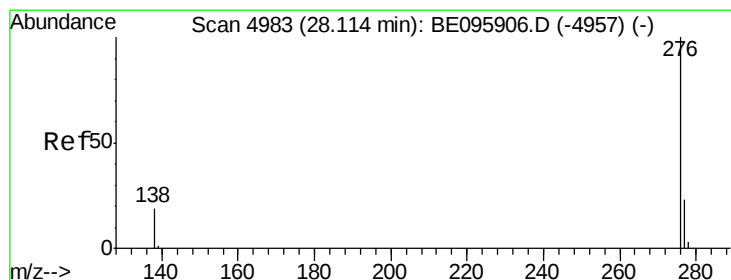
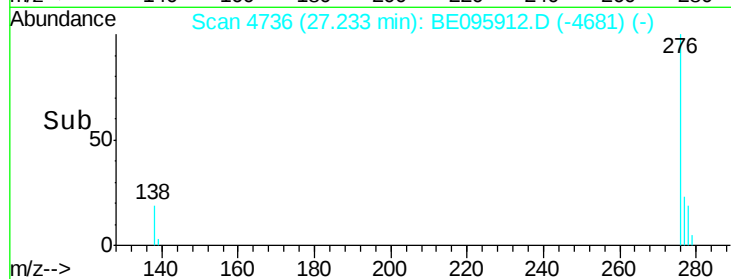
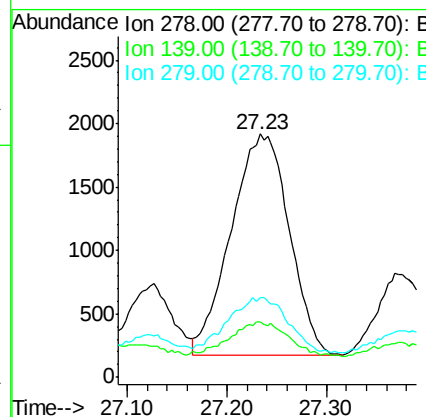
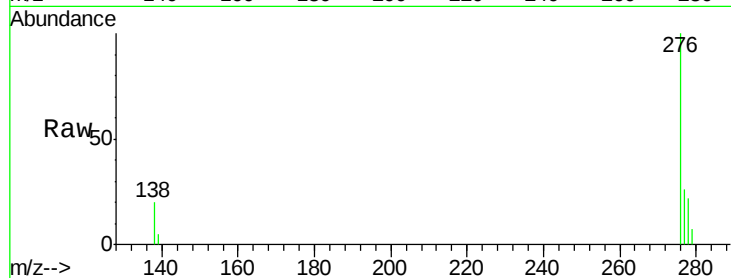
#25
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. -0.00 min
Lab File: BE095912.D
Acq: 29 Mar 2018 13:11

Instrument :
BNA_E
ClientSampleId :
C0AW1DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.4	26.0
279	32.6	25.9	38.9

Manual Integrations
APPROVED

Sohil
3/29/2018 6:45:04 PM



#26
Benzo(g,h,i)perylene
Concen: 1.304 ng/ul
RT: 28.11 min Scan# 4982
Delta R.T. 0.02 min
Lab File: BE095912.D
Acq: 29 Mar 2018 13:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	21.8	32.8#
277	25.9	20.5	30.7

