

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096108.D
 Acq On : 24 Apr 2018 5:00
 Operator : SJ/JU
 Sample : J2434-09DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4DL

Manual Integrations
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Sohil
 4/24/2018 7:11:29 PM

Quant Time: Apr 24 17:03:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2059	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5807	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7128	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8591	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7110	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	206	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	516	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	863	0.053	ng/ul#	76
5) 2-Methylnaphthalene	12.83	142	654	0.059	ng/ul	99
7) Acenaphthylene	14.70	152	380	0.023	ng/ul#	72
9) Fluorene	15.99	166	294	0.022	ng/ul#	84
12) Phenanthrene	17.72	178	8063	0.384	ng/ul#	89
13) Anthracene	17.80	178	1599	0.076	ng/ul#	90
15) Fluoranthene	19.69	202	26282	0.919	ng/ul	83
17) Pyrene	20.04	202	27832	0.953	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	21083	0.607	ng/ul#	85
19) Chrysene	21.80	228	17184	0.688	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	30330m	1.318	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	6353m	0.277	ng/ul	
23) Benzo(a)pyrene	24.26	252	19493	0.878	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.17	276	13653	0.553	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	3615	0.182	ng/ul	93
26) Benzo(a,h,i)perylene	28.05	276	13693	0.664	ng/ul#	94

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

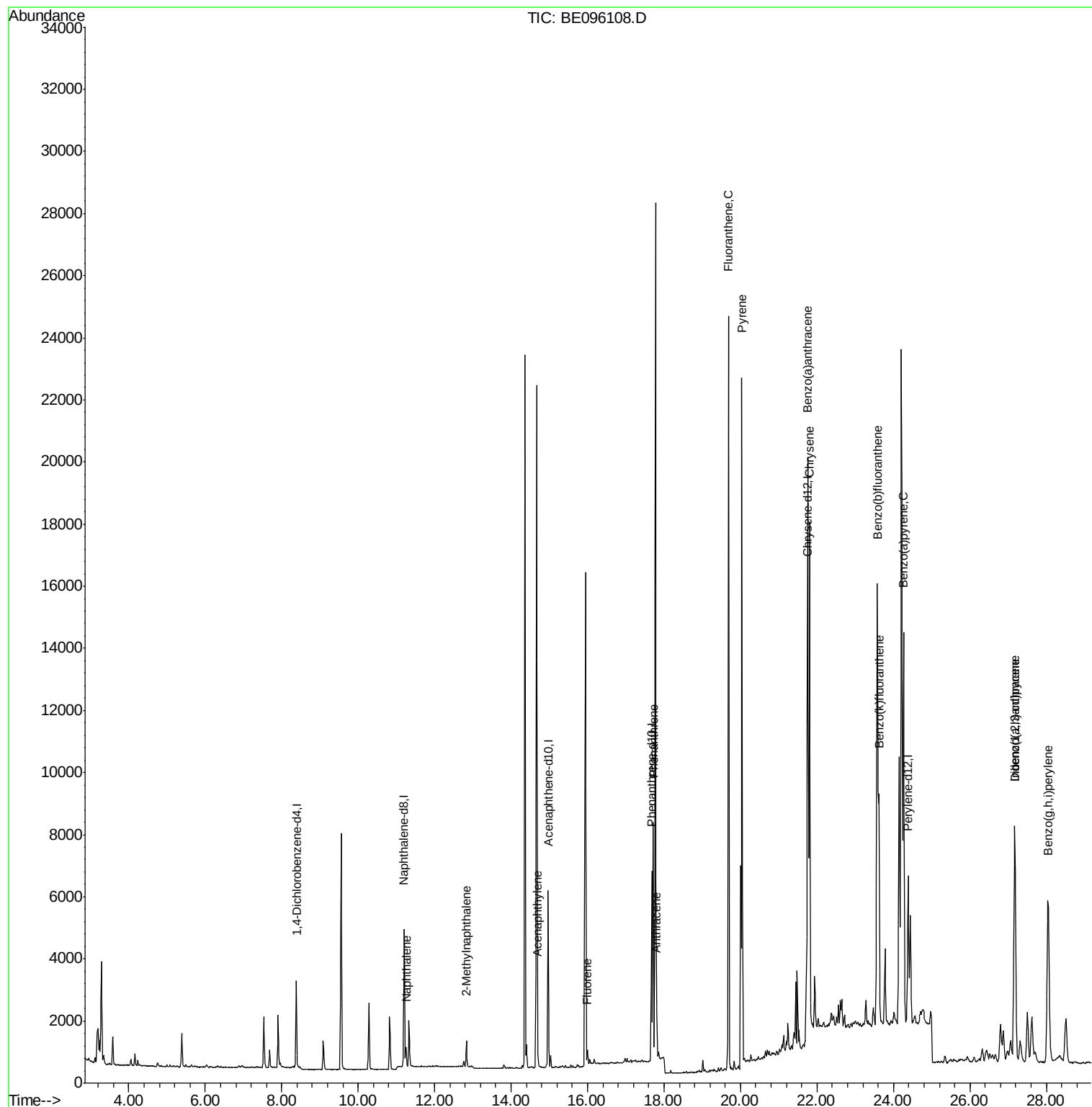
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096108.D
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Sample : J2434-09DL 10X
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ALS Vial : 32 Sample Multiplier: 1

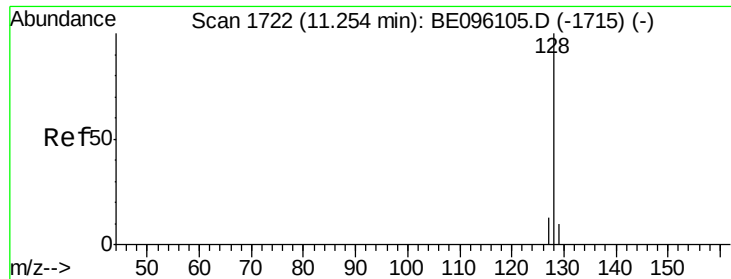
Instrument :
BNA_E
ClientSampleID :
C0AC4DL

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Quant Time: Apr 24 17:03:57 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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#3

Naphthalene

Concen: 0.053 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

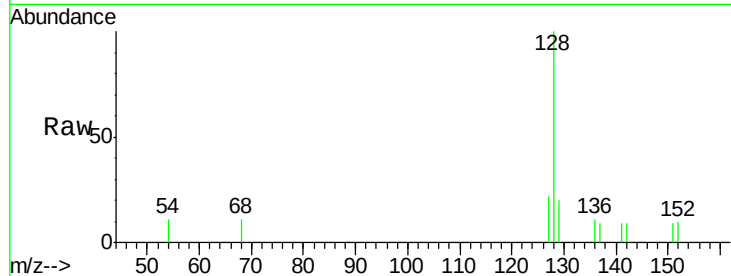
ClientSampleId :

C0AC4DL

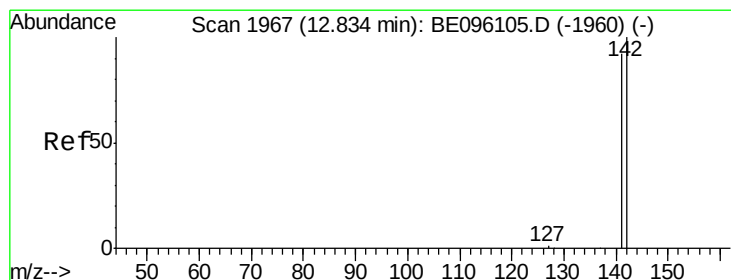
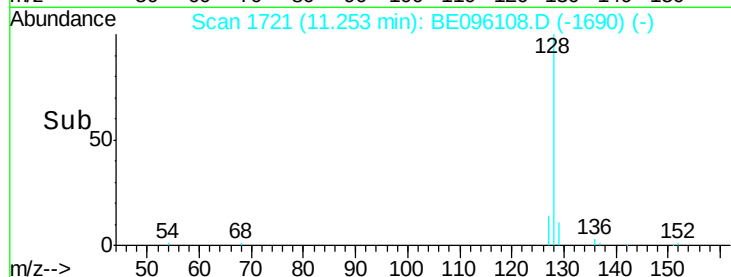
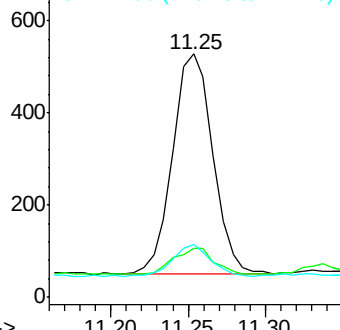
Tot Ion:	128	Resp:	863
Ion Ratio	Lower	Upper	
128	100		
129	19.9	11.3	16.9#
127	21.6	4.0	6.0#

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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: 0.059 ng/ul

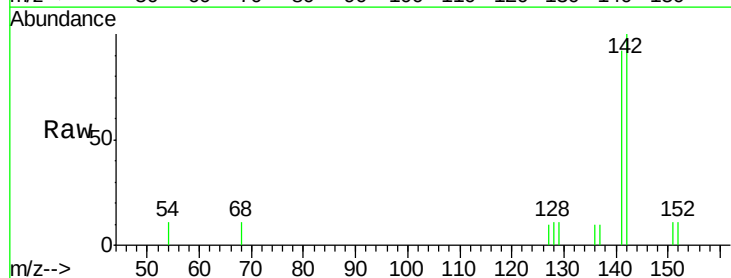
RT: 12.83 min Scan# 1966

Delta R.T. 0.01 min

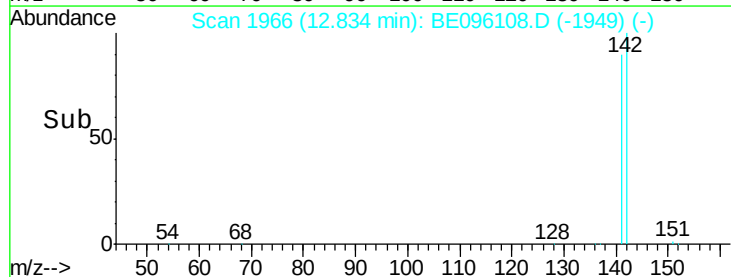
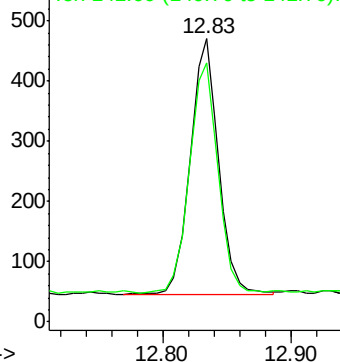
Lab File: BE096108.D

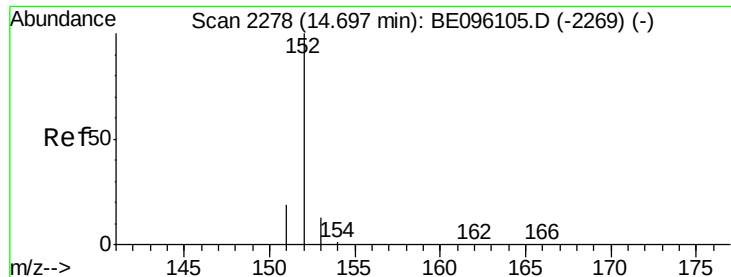
Acq: 24 Apr 2018 5:00

Tgt Ion:	142	Resp:	654
Ion Ratio	Lower	Upper	
142	100		
141	91.9	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.70 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

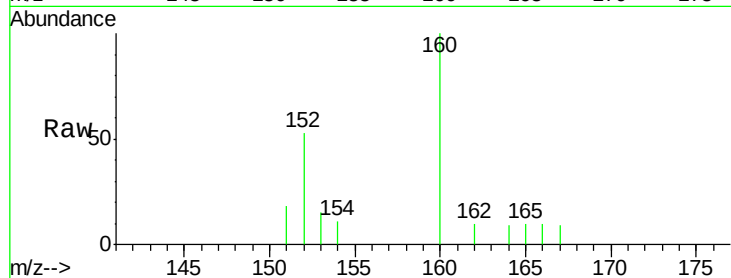
ClientSampleId :

C0AC4DL

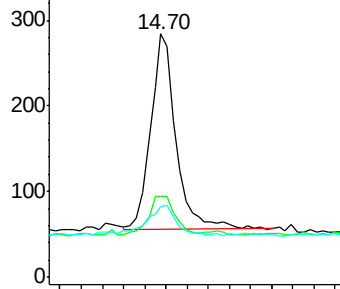
Tot Ion:	152	Resp:	380
Ion Ratio	Lower	Upper	
152	100		
151	33.5	17.1	25.7#
153	28.9	12.8	19.2#

Manual Integrations
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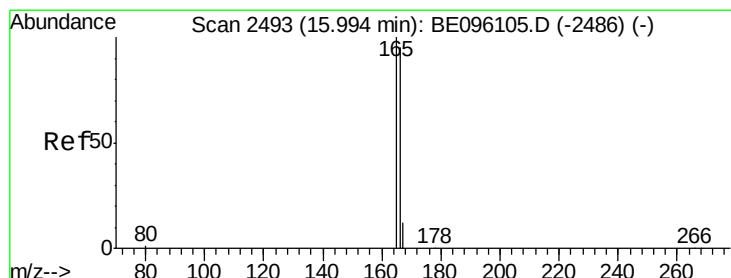
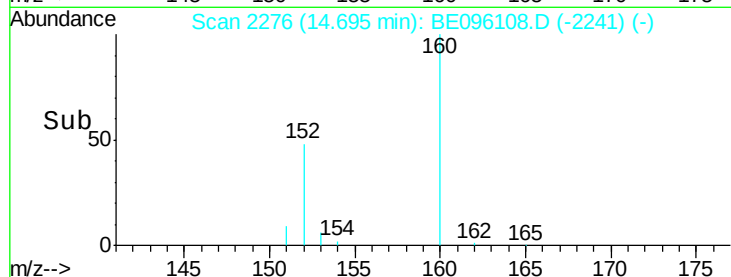
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 14.60 14.70 14.80



#9

Fluorene

Concen: 0.022 ng/ul

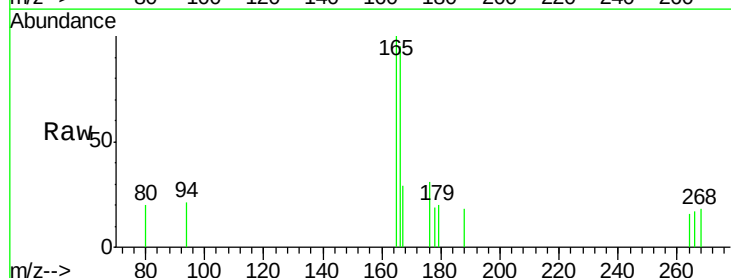
RT: 15.99 min Scan# 2491

Delta R.T. -0.00 min

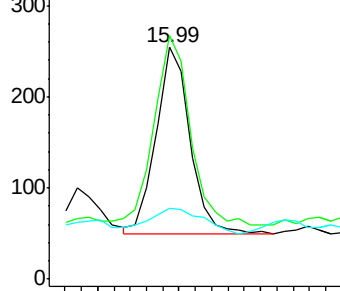
Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

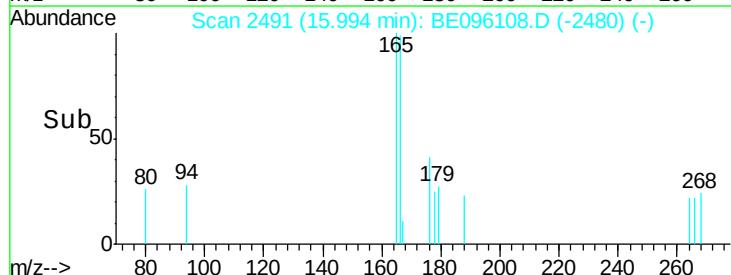
Tgt Ion:	166	Resp:	294
Ion Ratio	Lower	Upper	
166	100		
165	105.1	73.4	110.2
167	30.7	14.6	22.0#

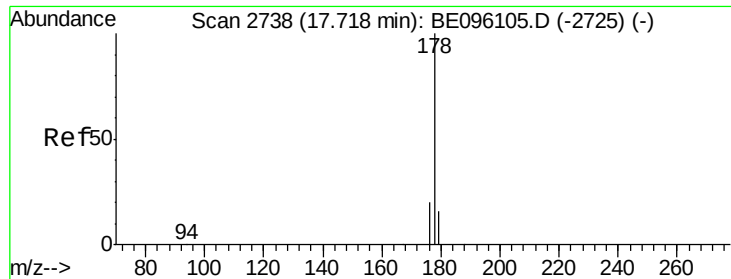


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.95 16.00 16.05





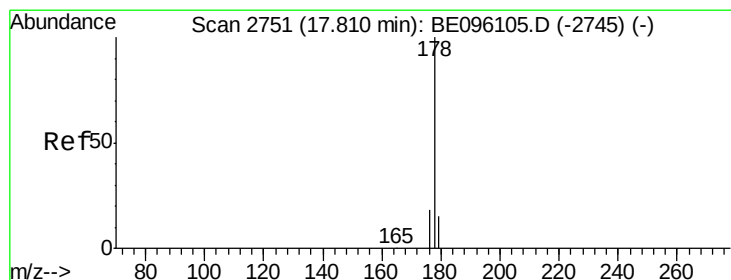
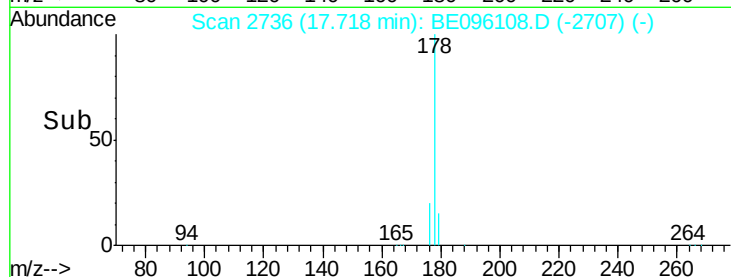
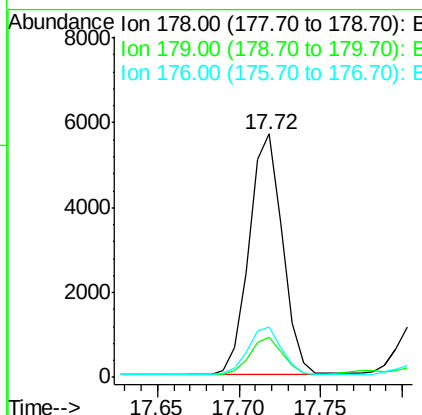
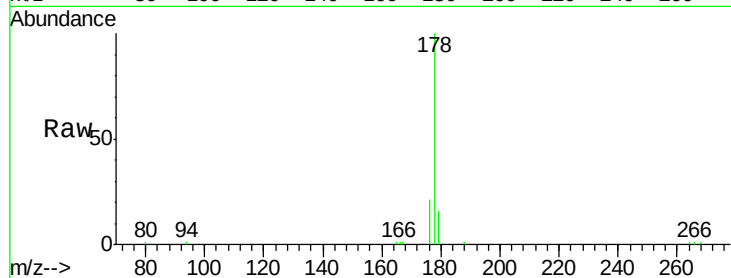
#12
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.72 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	20.6	13.6	20.4#

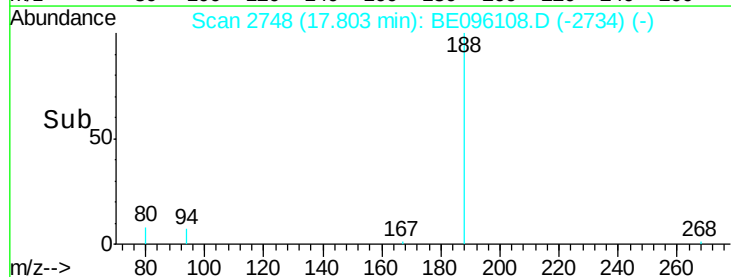
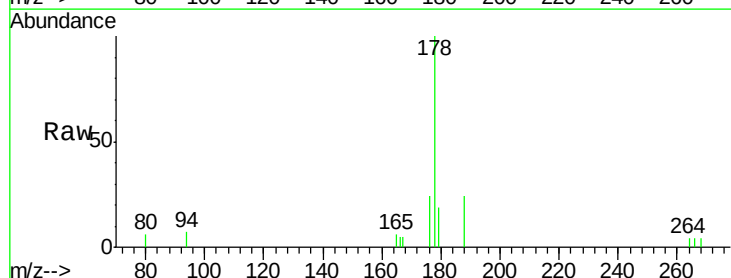
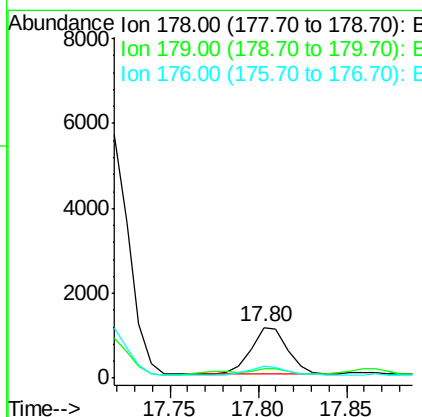
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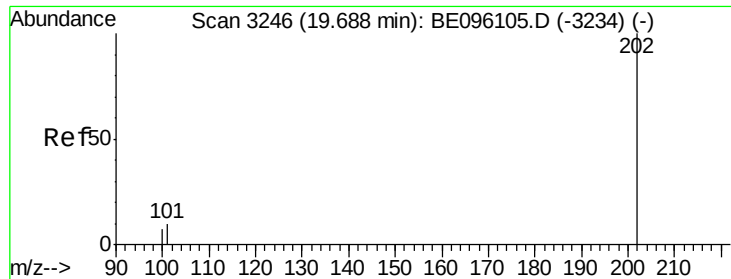
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#13
Anthracene
Concen: 0.076 ng/ul
RT: 17.80 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.1	27.1
176	24.1	14.7	22.1#





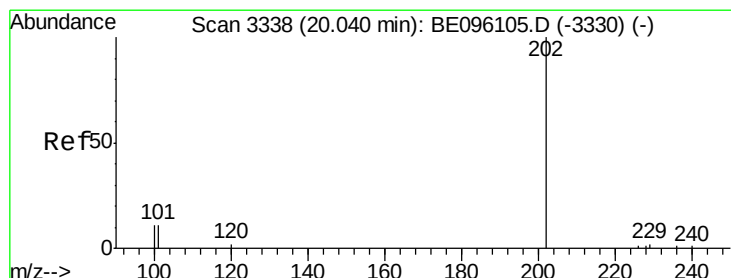
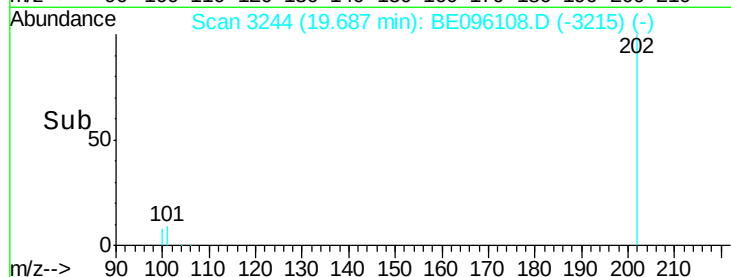
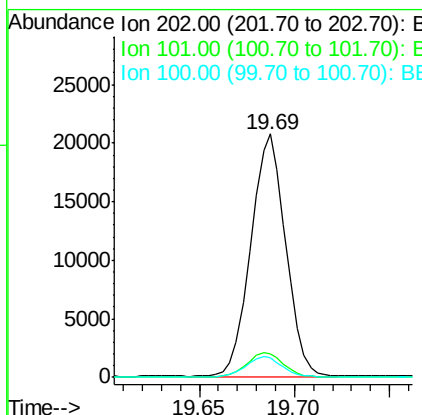
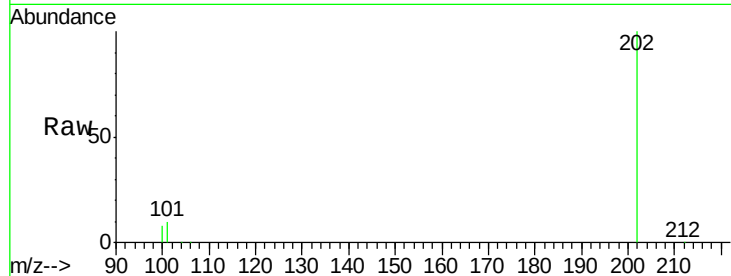
#15
Fluoranthene
Concen: 0.919 ng/ul
RT: 19.69 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Instrument :
BNA_E
ClientSampled :
C0AC4DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	30.3
100	8.1	0.0	39.5

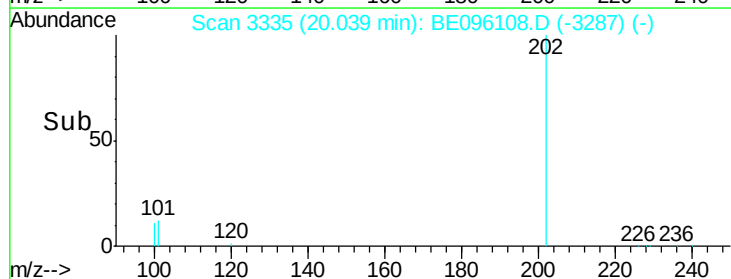
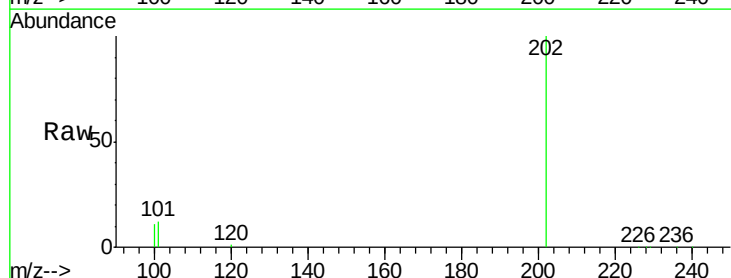
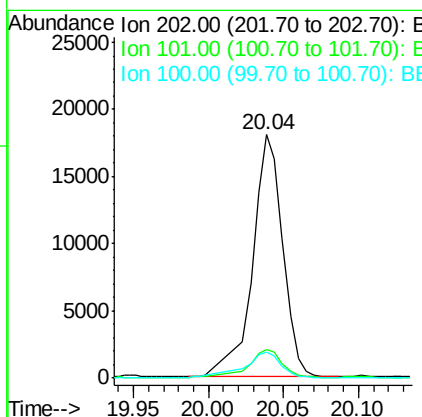
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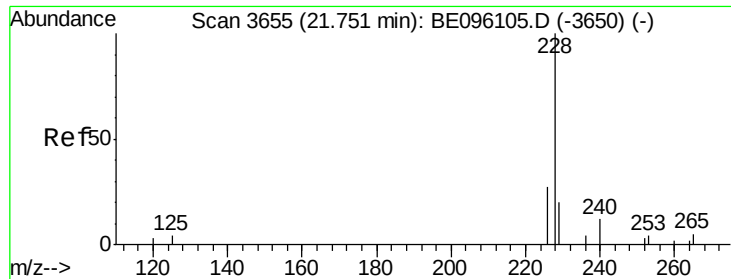
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#17
Pyrene
Concen: 0.953 ng/ul
RT: 20.04 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.8	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.607 ng/ul

RT: 21.75 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

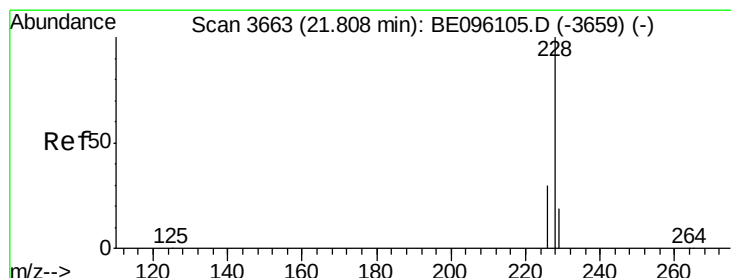
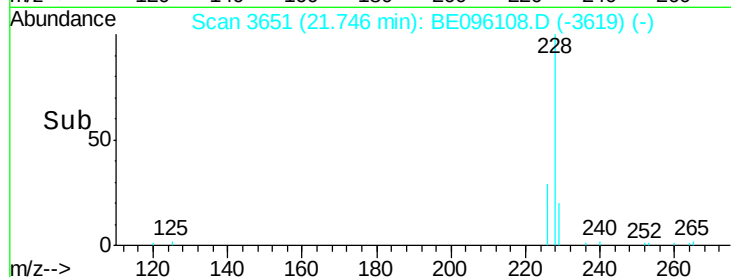
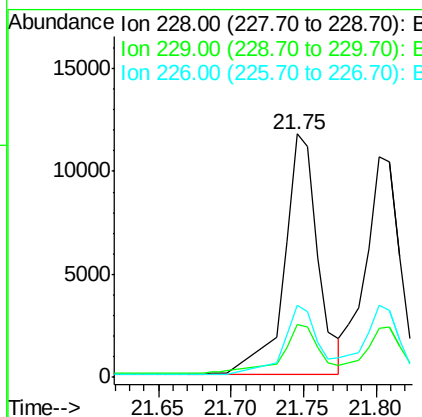
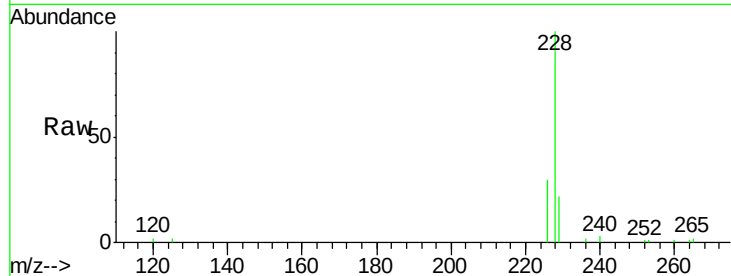
ClientSampleId :

C0AC4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	29.5	17.0	25.6#

Manual Integrations
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#19

Chrysene

Concen: 0.688 ng/ul

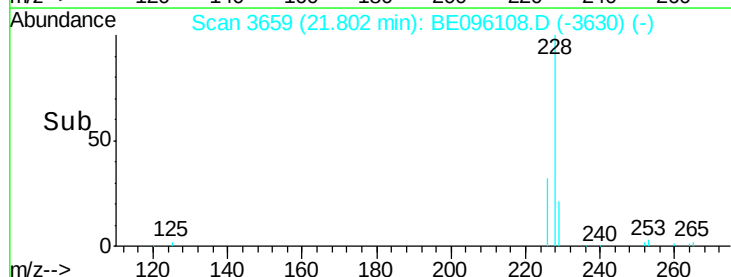
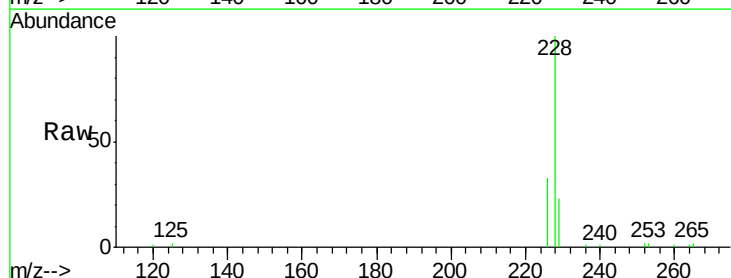
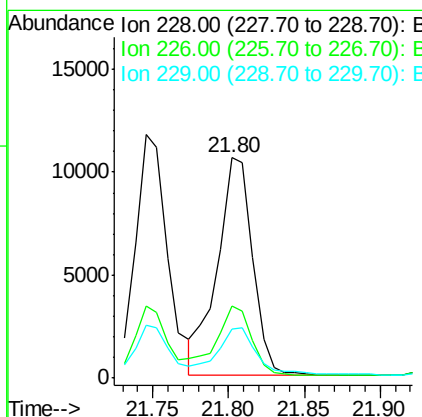
RT: 21.80 min Scan# 3659

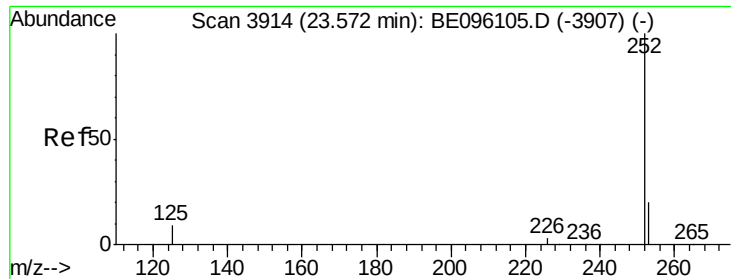
Delta R.T. 0.00 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.0
229	22.5	17.7	26.5





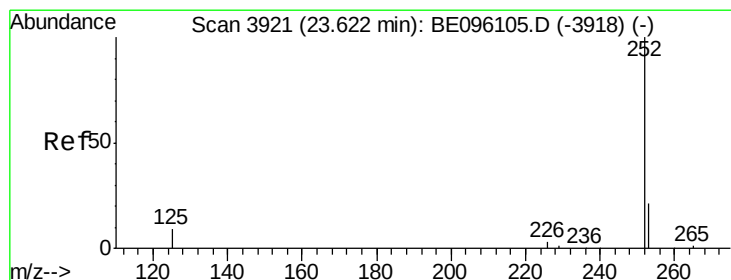
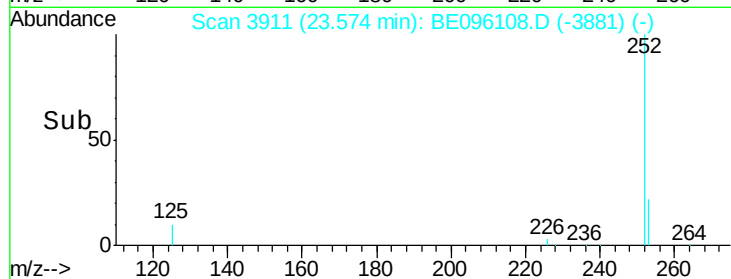
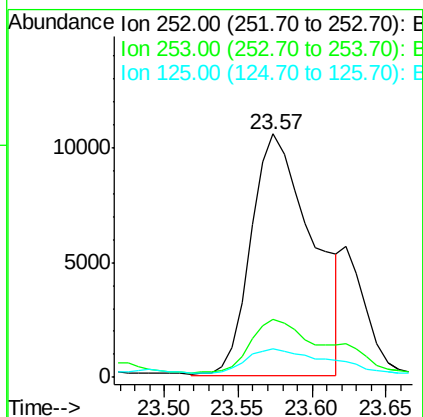
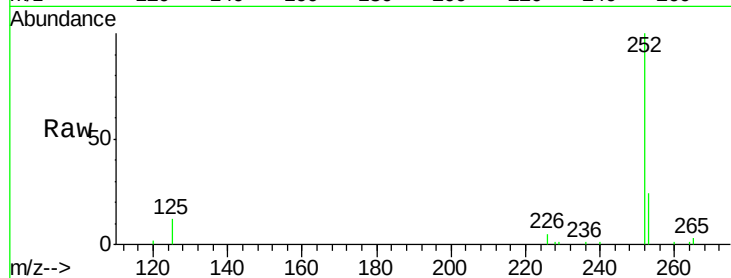
#21
Benzo(b)fluoranthene
Concen: 1.318 ng/ul m
RT: 23.57 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	0.0	64.2
125	11.7	0.0	35.0

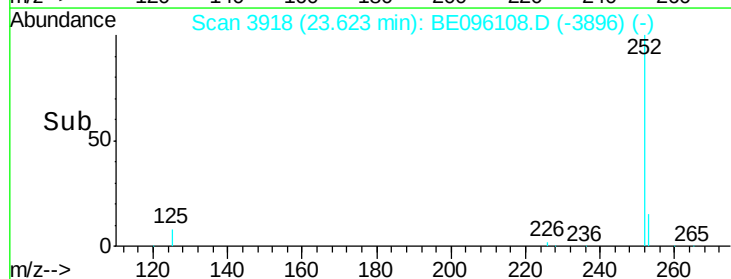
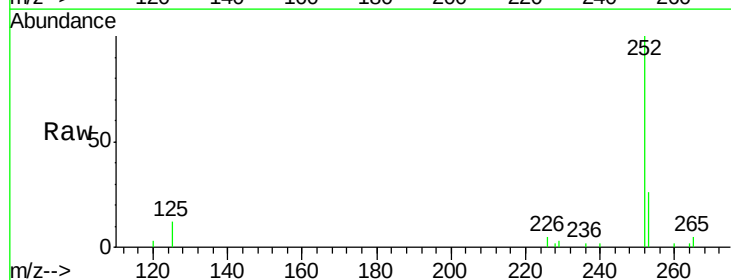
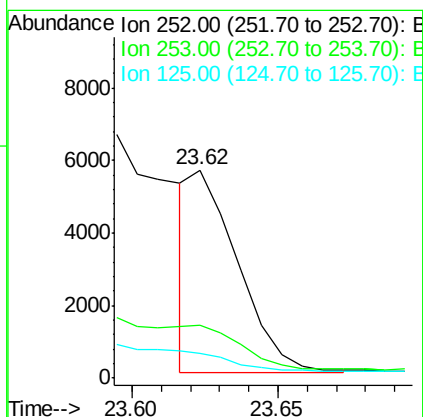
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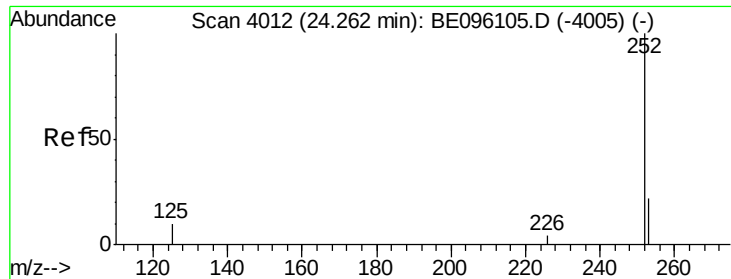
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#22
Benzo(k)fluoranthene
Concen: 0.277 ng/ul m
RT: 23.62 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	24.5	36.7
125	12.1	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.878 ng/ul

RT: 24.26 min Scan# 4009

Delta R.T. 0.00 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

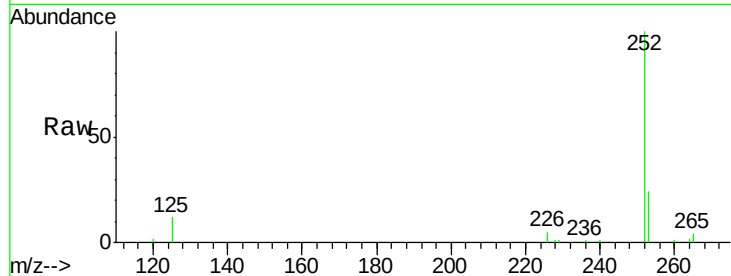
ClientSampleId :

C0AC4DL

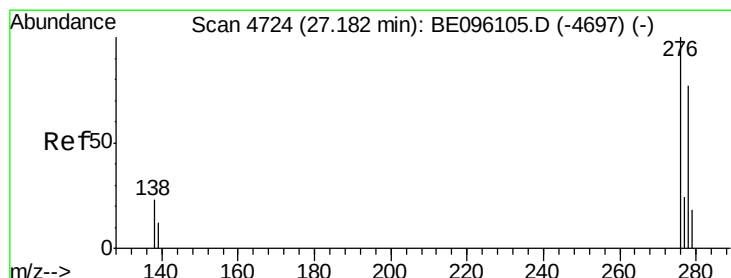
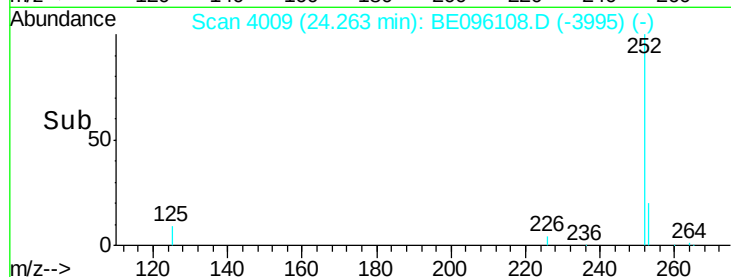
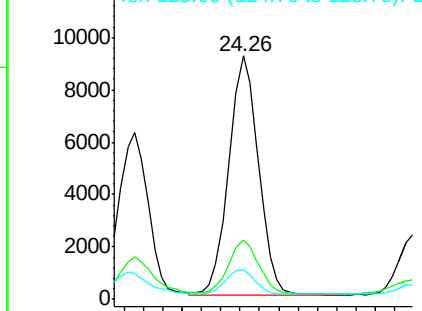
Tot Ion:	252	Resp:	19493
Ion Ratio	Lower	Upper	
252	100		
253	24.4	28.5	42.7#
125	12.1	18.1	27.1#

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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: 0.553 ng/ul

RT: 27.17 min Scan# 4718

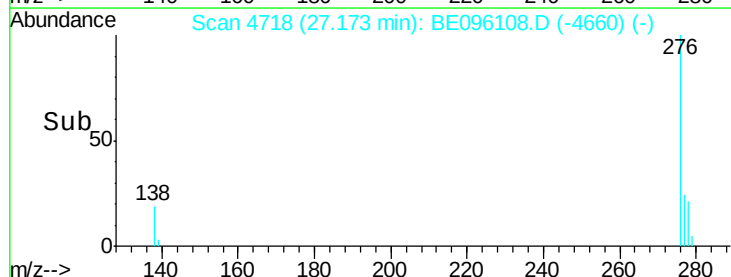
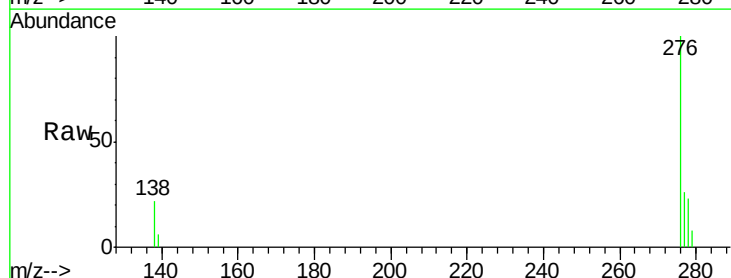
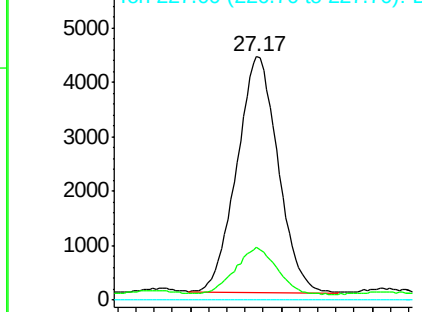
Delta R.T. 0.01 min

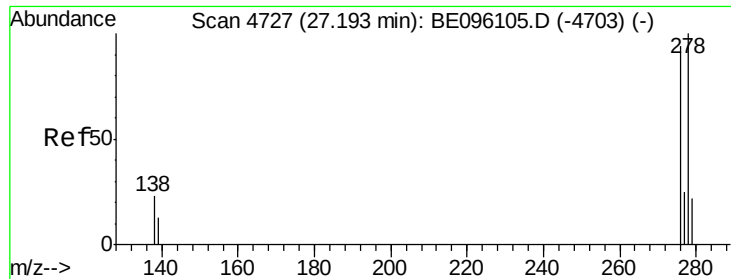
Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Tgt Ion:	276	Resp:	13653
Ion Ratio	Lower	Upper	
276	100		
138	20.4	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





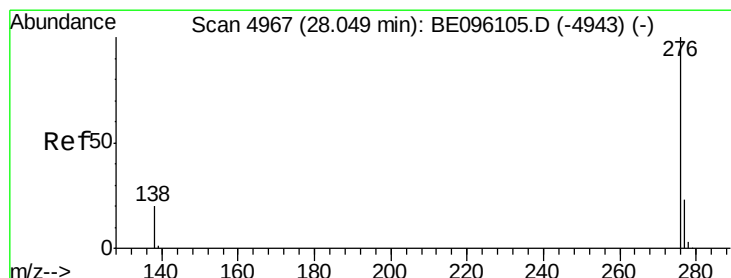
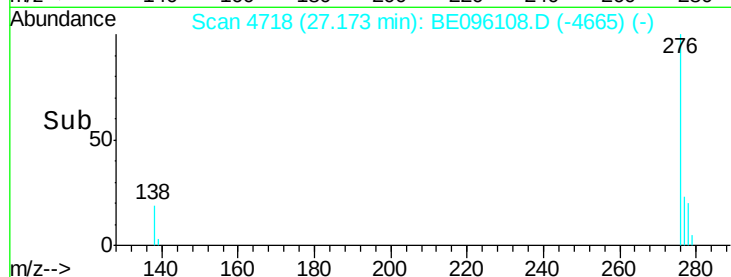
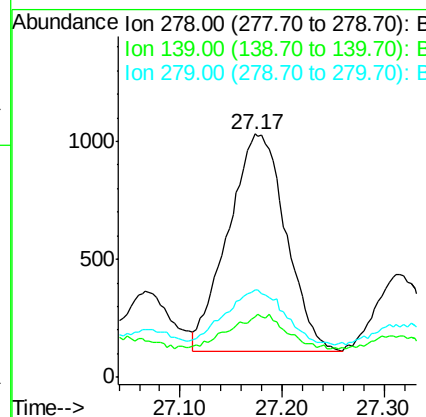
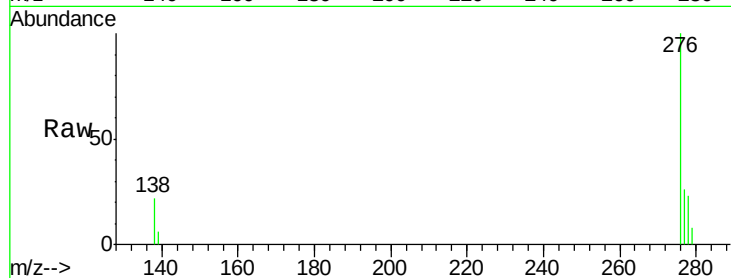
#25
Dibenzo(a,h)anthracene
Concen: 0.182 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. -0.01 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Instrument :
BNA_E
ClientSampled :
C0AC4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.0	17.4	26.0
279	36.0	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:29 PM



#26
Benzo(g,h,i)perylene
Concen: 0.664 ng/ul
RT: 28.05 min Scan# 4963
Delta R.T. 0.02 min
Lab File: BE096108.D
Acq: 24 Apr 2018 5:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.8	32.8#
277	26.1	20.5	30.7

