

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 03:46:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2151	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3490	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7533m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7182m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8634	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2457	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6407m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	633	0.038	ng/ul#	71
5) 2-Methylnaphthalene	12.83	142	363	0.032	ng/ul	97
8) Acenaphthene	15.03	153	506	0.039	ng/ul#	92
9) Fluorene	16.00	166	584	0.040	ng/ul#	82
12) Phenanthrene	17.72	178	10322m	0.465	ng/ul	
13) Anthracene	17.80	178	2947m	0.133	ng/ul	
15) Fluoranthene	19.69	202	21362m	0.707	ng/ul	
17) Pyrene	20.04	202	19276	0.790	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	14869m	0.512	ng/ul	
19) Chrysene	21.80	228	9508	0.455	ng/ul	94
21) Benzo(b)fluoranthene	23.57	252	13422m	0.480	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	3782m	0.136	ng/ul	
23) Benzo(a)pyrene	24.26	252	9664	0.358	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	27.17	276	6446	0.215	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	1884	0.078	ng/ul#	52
26) Benzo(a,h,i)perylene	28.04	276	7415	0.296	ng/ul#	93

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

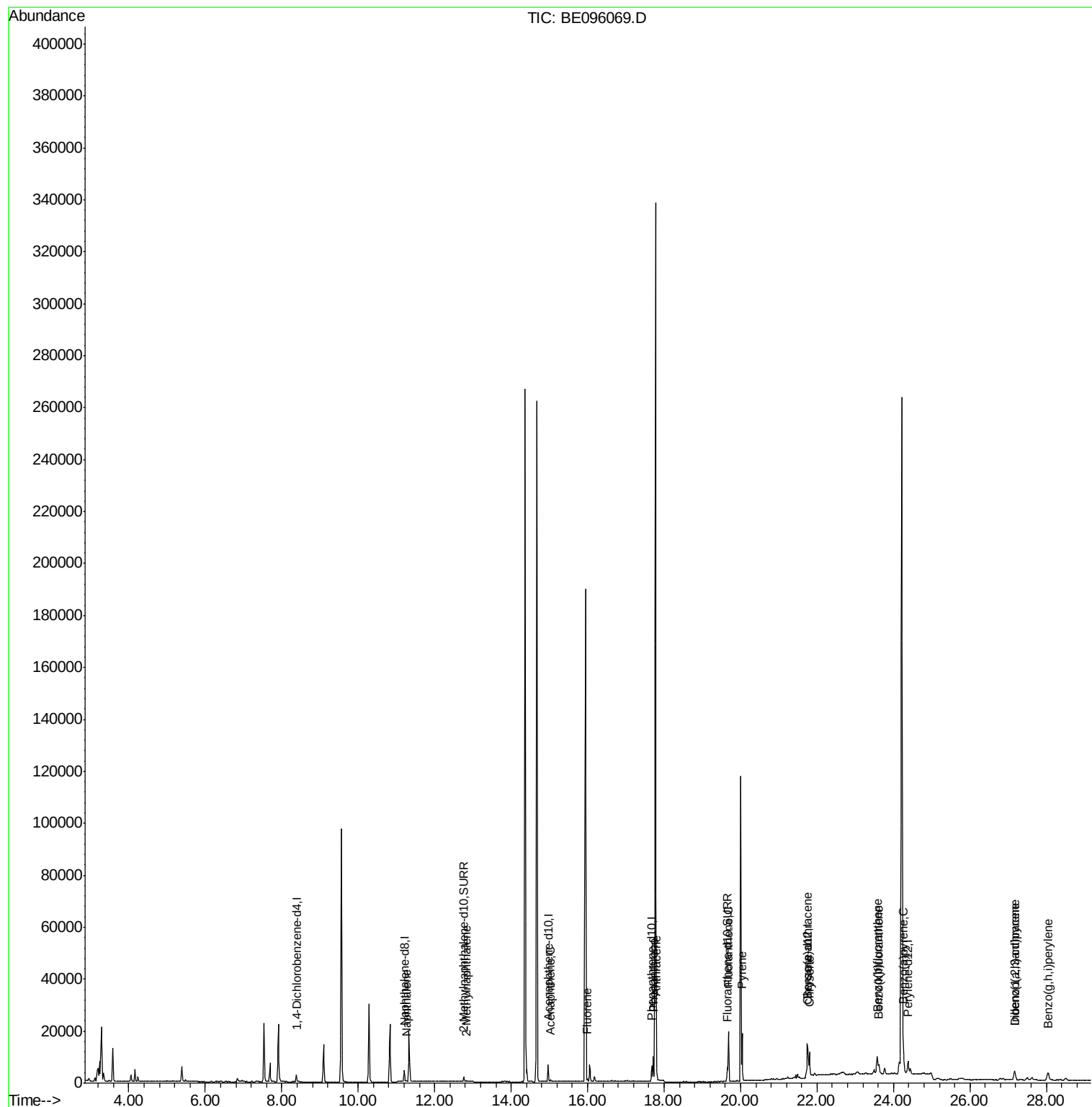
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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ALS Vial : 26 Sample Multiplier: 1

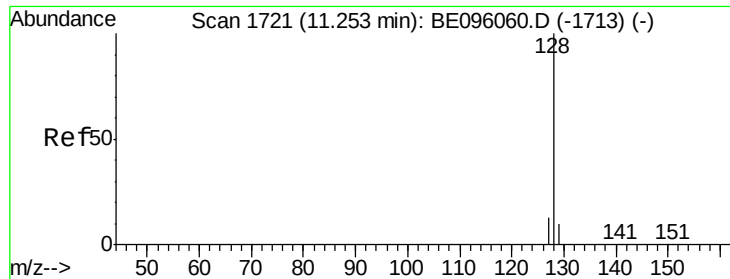
Instrument :
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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

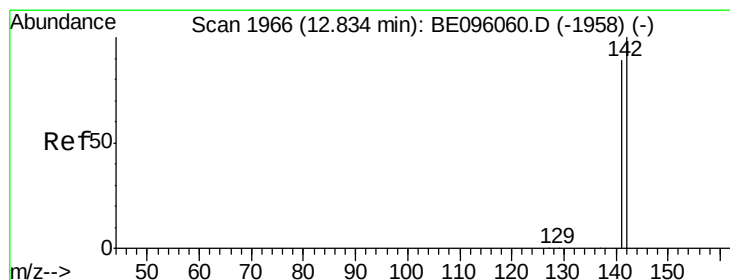
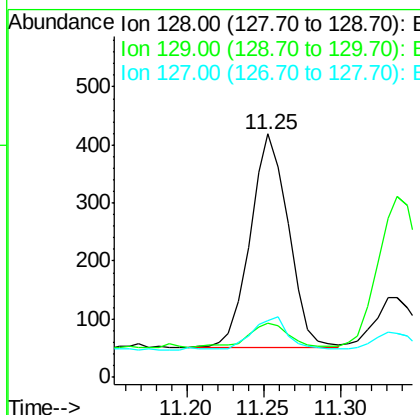
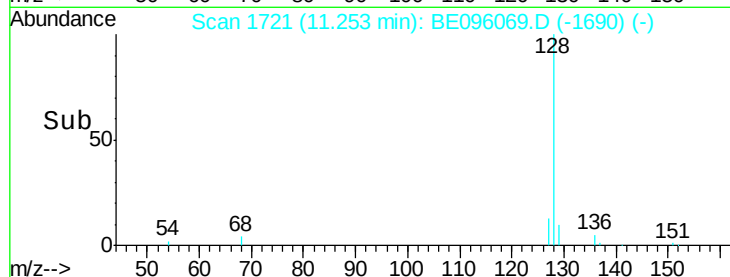
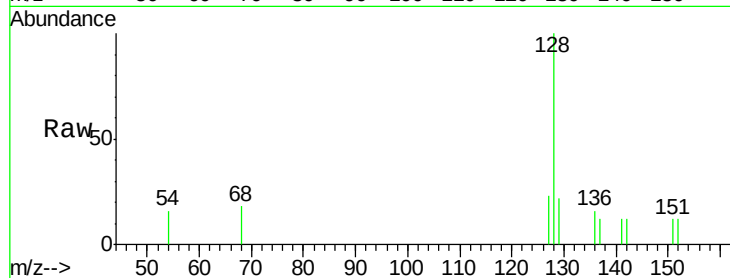
ClientSampled :

C0AB9

Tot Ion:	128	Resp:	633
Ion	Ratio	Lower	Upper
128	100		
129	22.2	11.3	16.9#
127	23.2	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

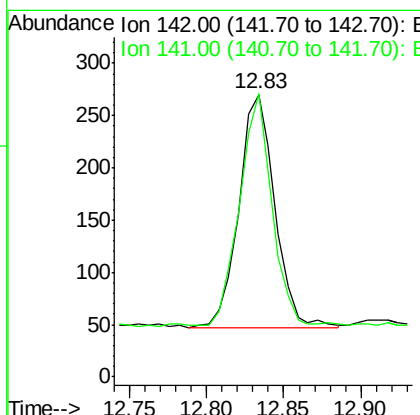
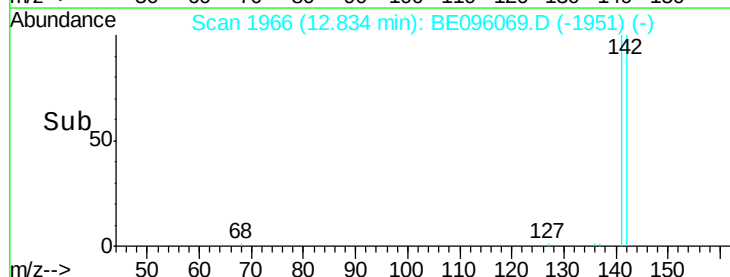
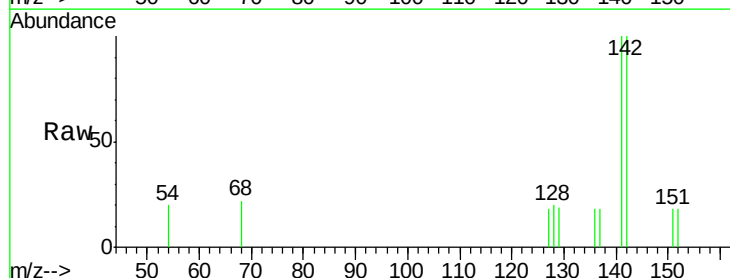
RT: 12.83 min Scan# 1966

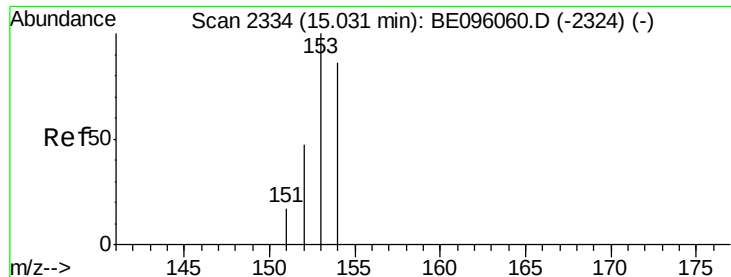
Delta R.T. -0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Tgt Ion:	142	Resp:	363
Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8





#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

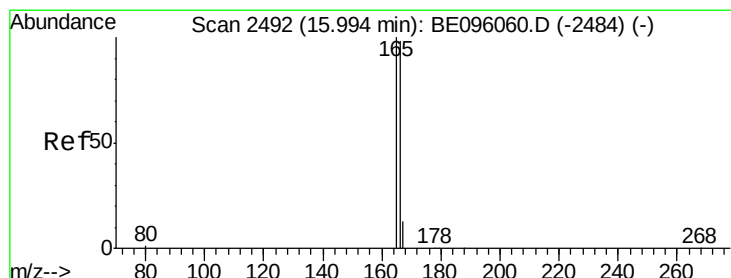
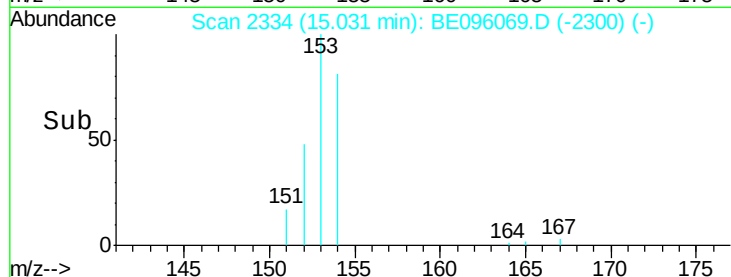
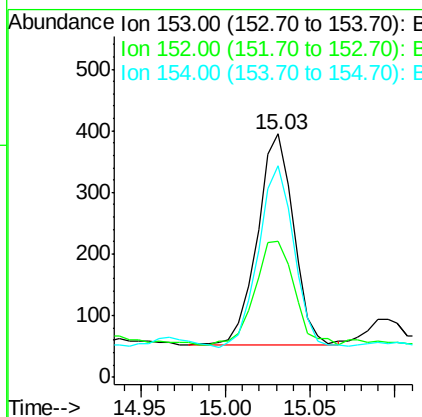
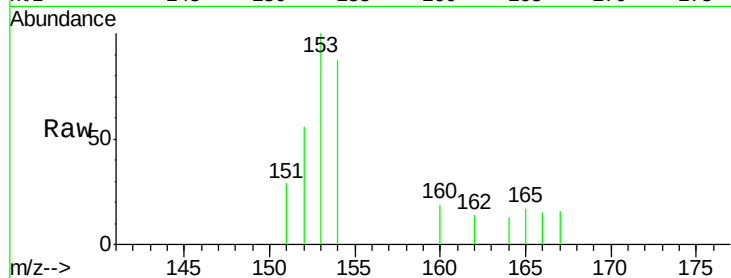
ClientSampled :

C0AB9

Tot Ion:	153	Resp:	506
Ion	Ratio	Lower	Upper
153	100		
152	55.7	36.0	54.0#
154	86.8	72.0	108.0

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#9

Fluorene

Concen: 0.040 ng/ul

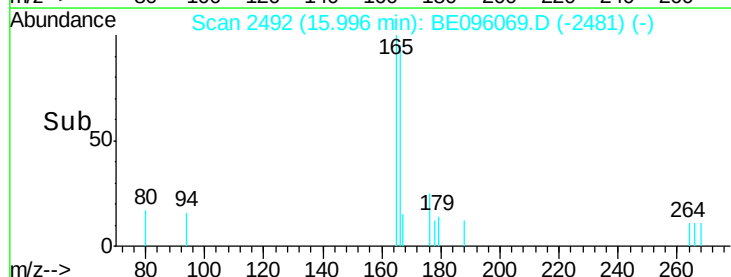
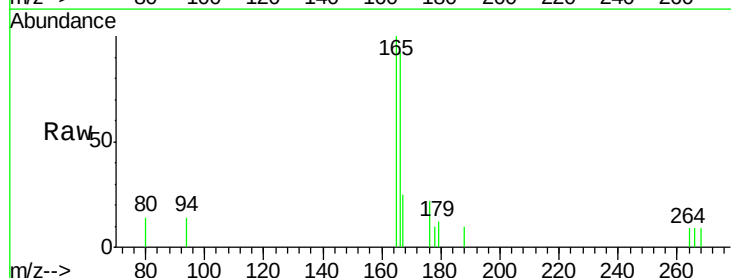
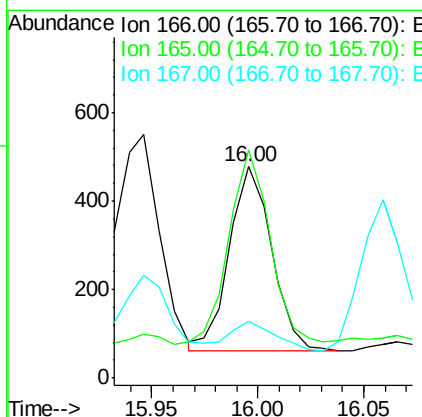
RT: 16.00 min Scan# 2492

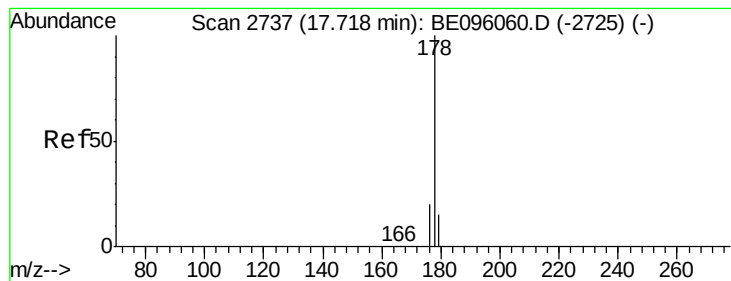
Delta R.T. 0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Tgt Ion:	166	Resp:	584
Ion	Ratio	Lower	Upper
166	100		
165	108.2	73.4	110.2
167	27.0	14.6	22.0#





#12

Phenanthrene

Concen: 0.465 ng/ul m

RT: 17.72 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

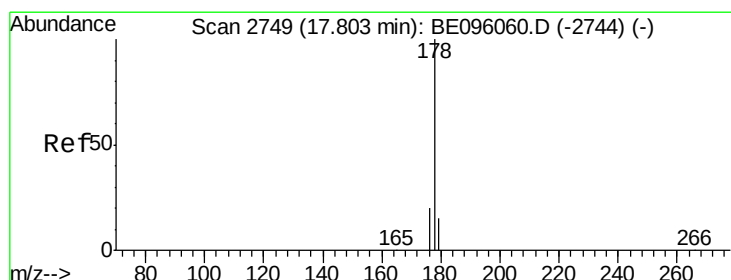
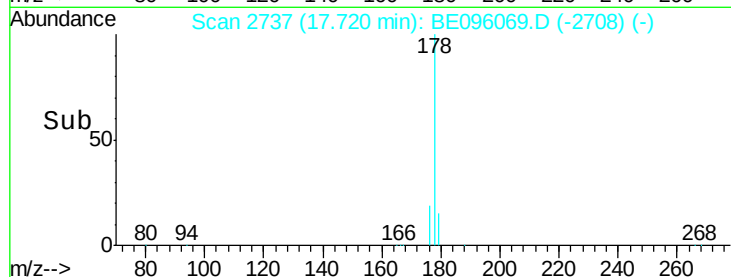
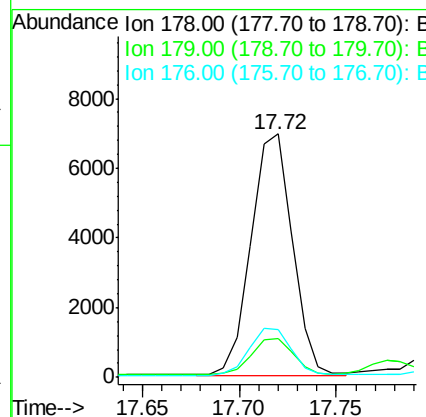
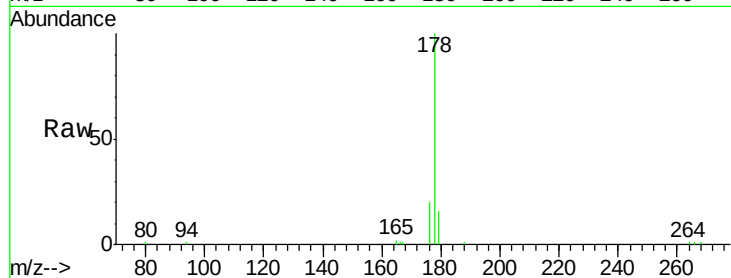
ClientSampleId :

C0AB9

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	19.5	13.6	20.4

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#13

Anthracene

Concen: 0.133 ng/ul m

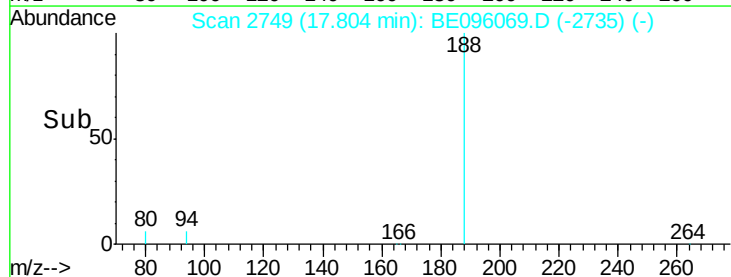
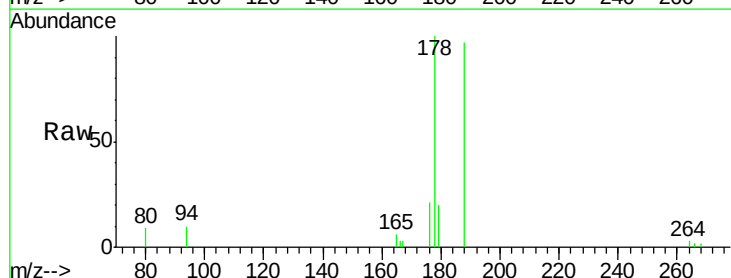
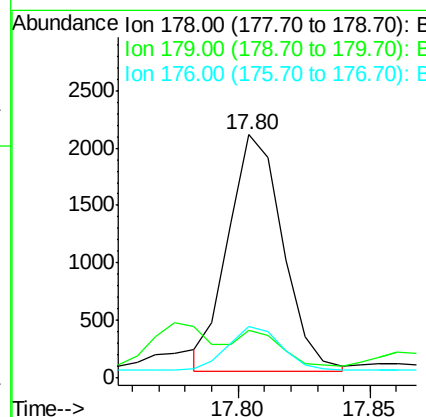
RT: 17.80 min Scan# 2749

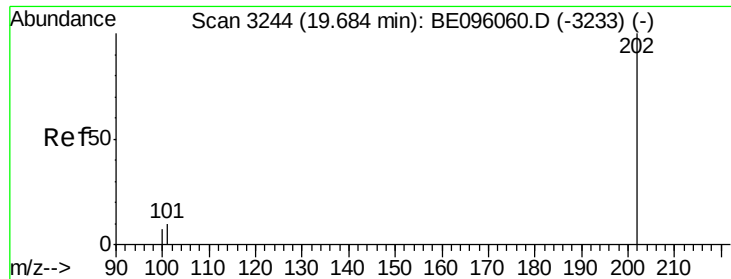
Delta R.T. 0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	18.1	27.1
176	21.4	14.7	22.1





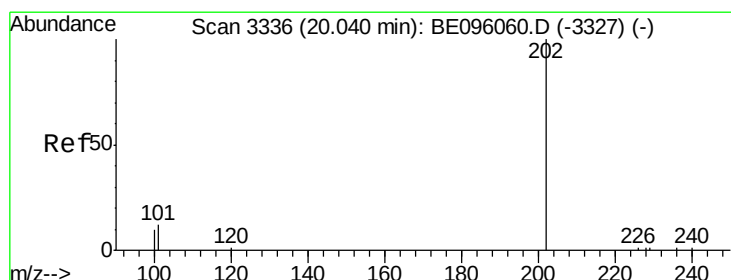
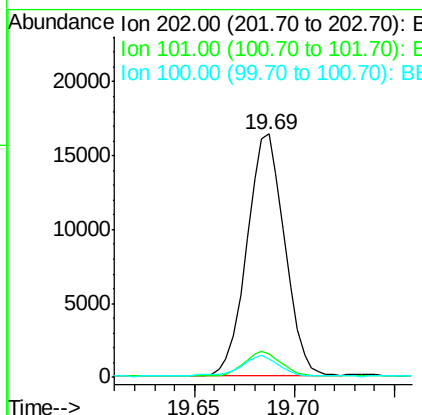
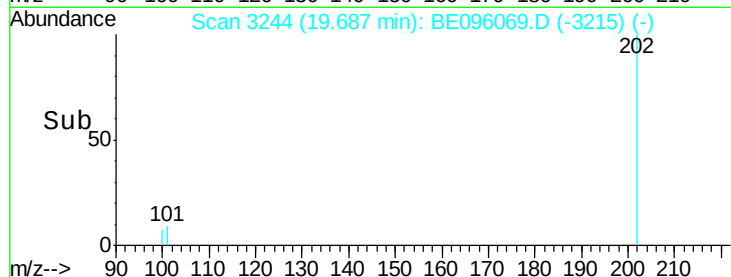
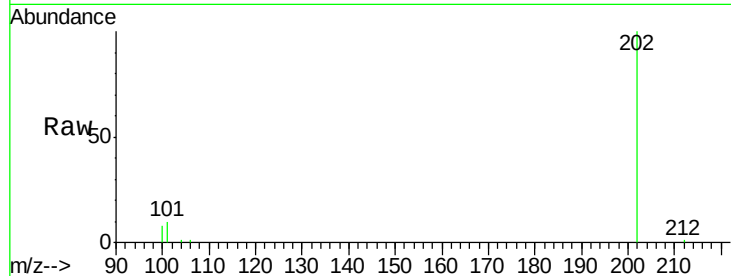
#15
Fluoranthene
Concen: 0.707 ng/ul m
RT: 19.69 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Instrument :
BNA_E
ClientSampled :
C0AB9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	30.3
100	7.7	0.0	39.5

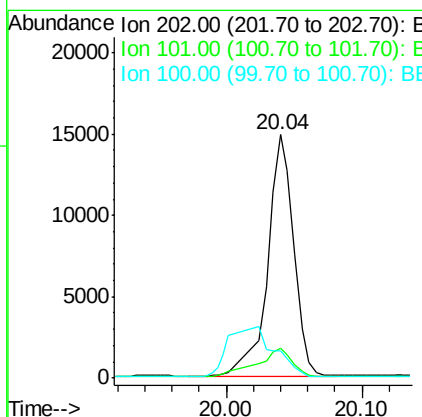
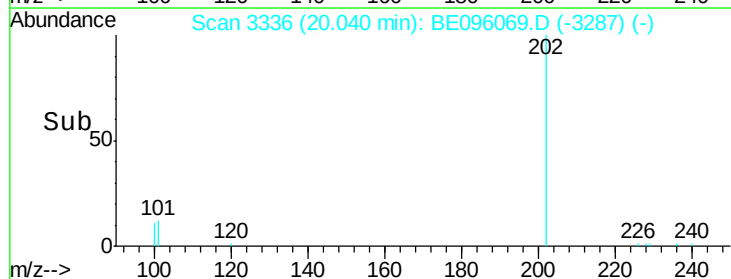
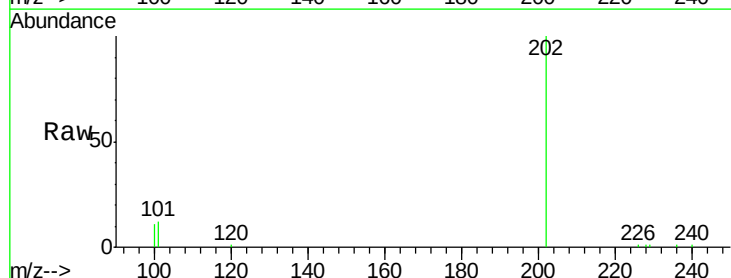
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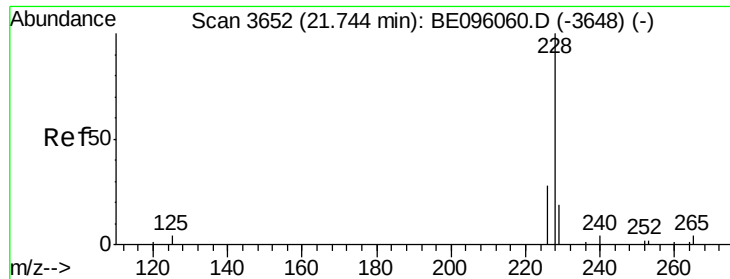
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#17
Pyrene
Concen: 0.790 ng/ul
RT: 20.04 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	18.2	27.4#
100	11.0	15.6	23.4#





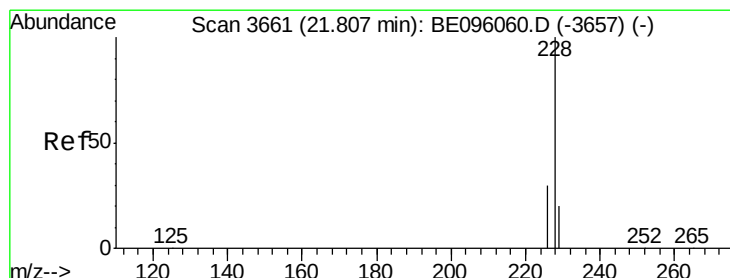
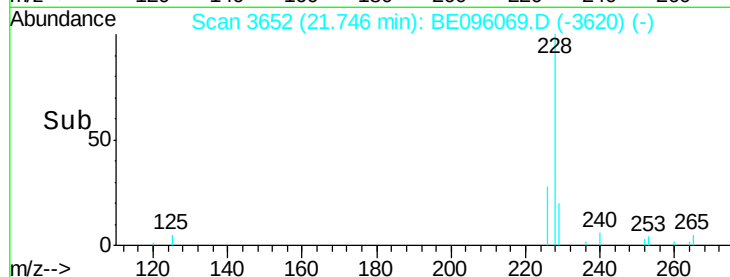
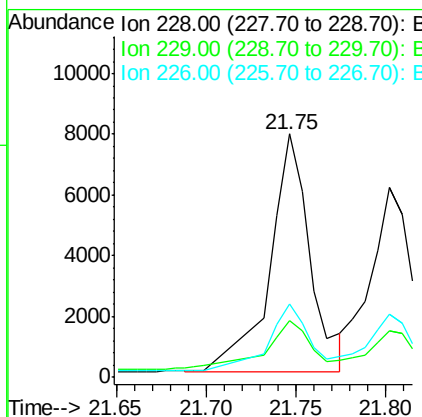
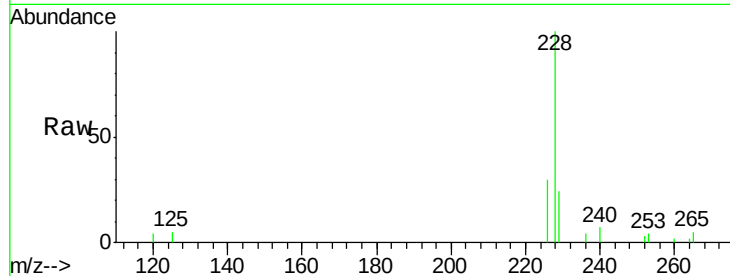
#18
Benzo(a)anthracene
Concen: 0.512 ng/ul m
RT: 21.75 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Instrument :
BNA_E
ClientSampled :
C0AB9

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.5	22.8	34.2
226	30.1	17.0	25.6

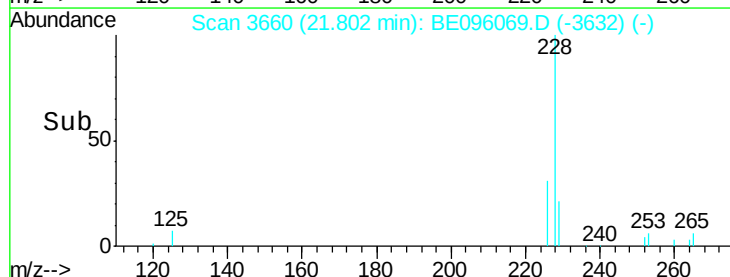
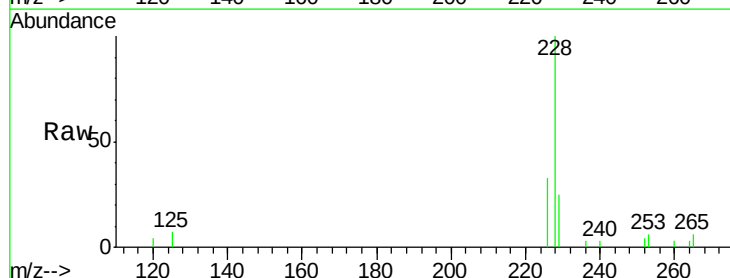
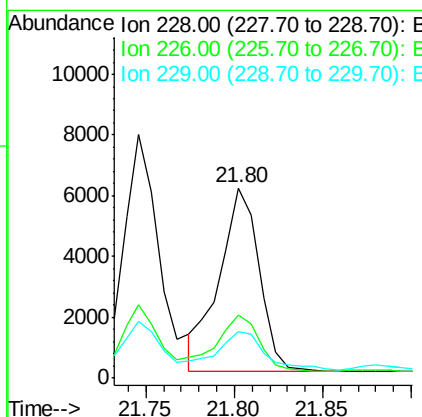
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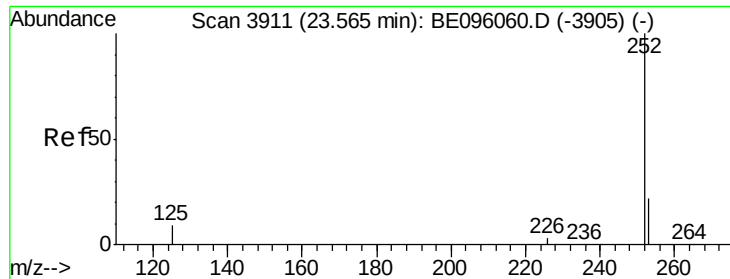
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#19
Chrysene
Concen: 0.455 ng/ul
RT: 21.80 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.0
229	24.7	17.7	26.5





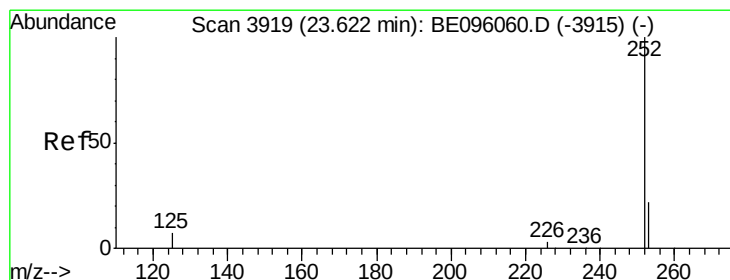
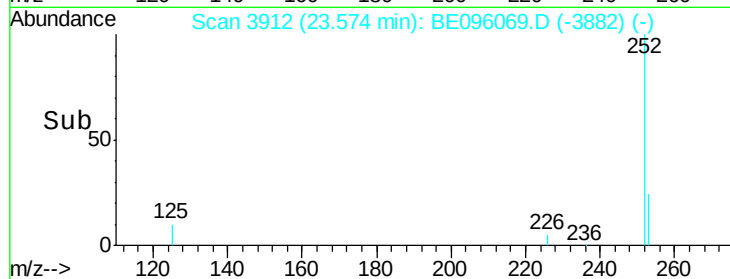
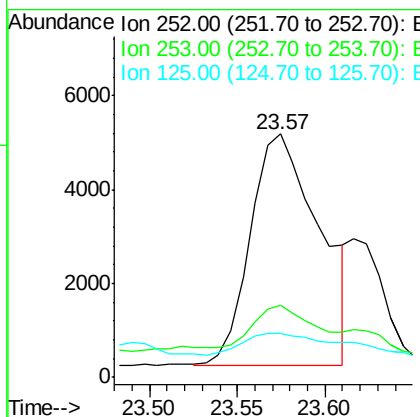
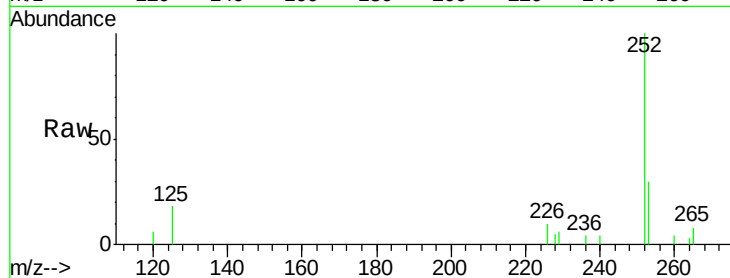
#21
Benzo(b)fluoranthene
Concen: 0.480 ng/ul m
RT: 23.57 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Instrument :
BNA_E
ClientSampleId :
C0AB9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.8	0.0	64.2
125	18.2	0.0	35.0

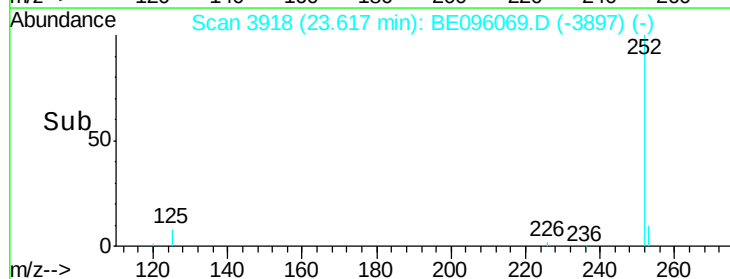
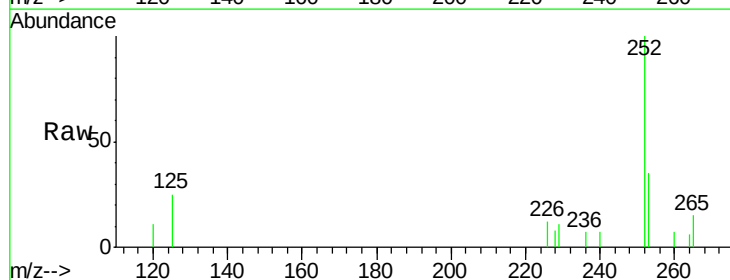
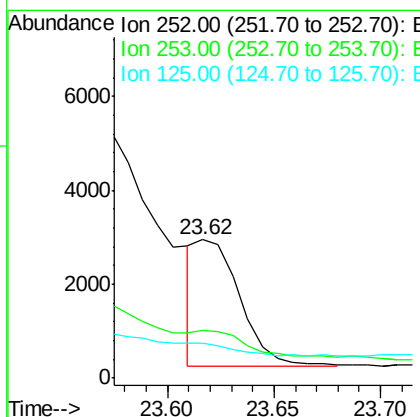
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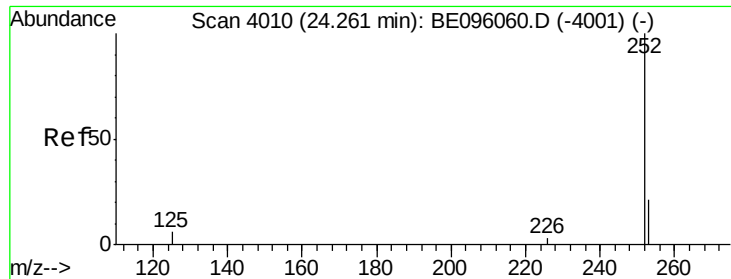
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#22
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 23.62 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	34.6	24.5	36.7
125	25.2	13.7	20.5





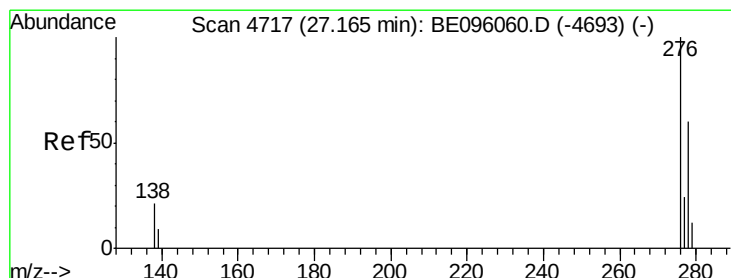
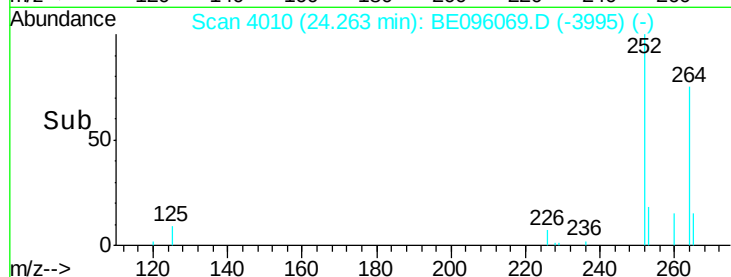
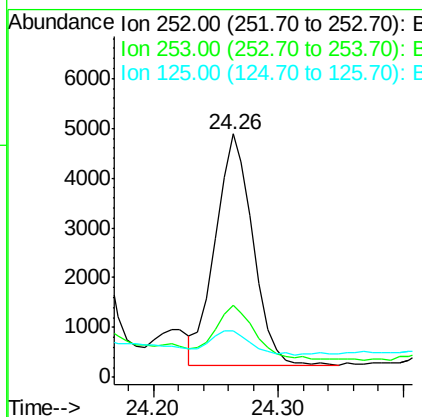
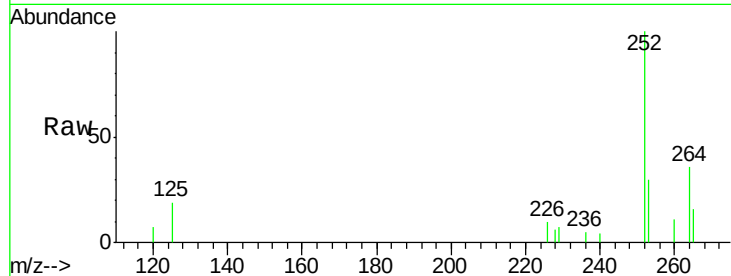
#23
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Instrument :
BNA_E
ClientSampled :
C0AB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	28.5	42.7
125	19.3	18.1	27.1

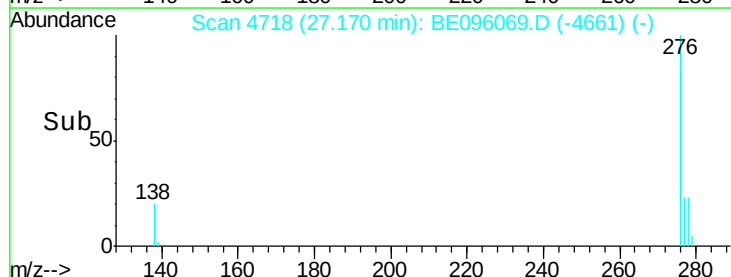
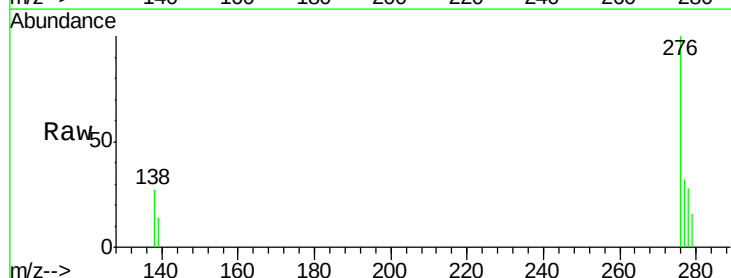
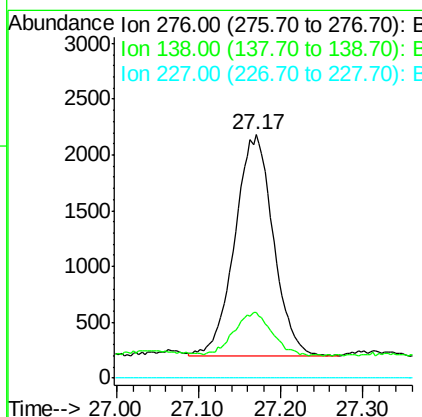
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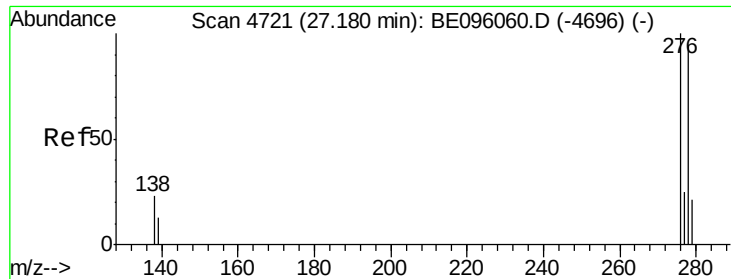
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#





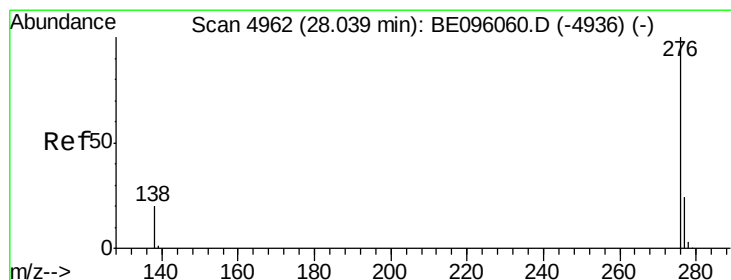
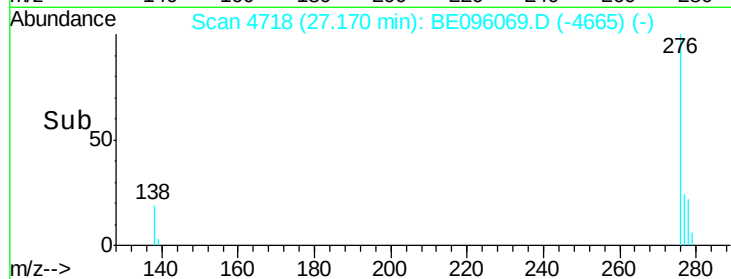
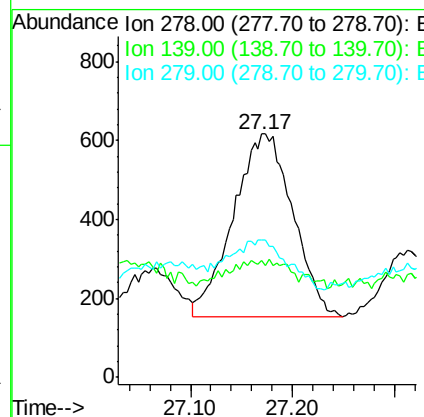
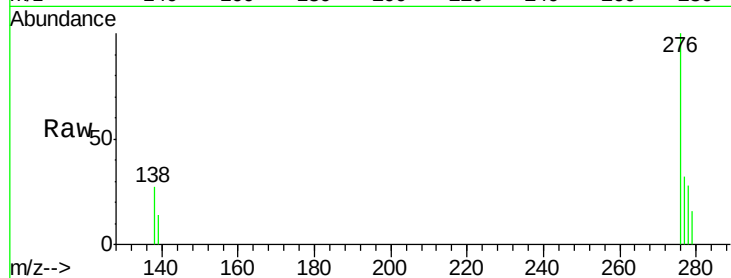
#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. -0.01 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Instrument :
BNA_E
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
278	100		
139	47.8	17.4	26.0#
279	56.2	25.9	38.9#

Manual Integrations
APPROVED

Sohil
4/23/2018 6:44:29 PM



#26
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 28.04 min Scan# 4963
Delta R.T. 0.00 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.8	32.8
277	31.1	20.5	30.7#

