

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096090.D
 Acq On : 23 Apr 2018 18:12
 Operator : SJ/JU
 Sample : J2355-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y23

Manual Integrations
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Quant Time: Apr 24 07:10:07 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	1993	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6824m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6427m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6245m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3400	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	7989m	0.28	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.71	178	4594m	0.228	ng/ul	
13) Anthracene	17.80	178	508m	0.025	ng/ul	
15) Fluoranthene	19.68	202	17988m	0.657	ng/ul	
17) Pyrene	20.04	202	15787	0.723	ng/ul#	81
18) Benzo(a)anthracene	21.75	228	10855m	0.418	ng/ul	
19) Chrysene	21.80	228	8773	0.469	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	12025m	0.595	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	3312m	0.165	ng/ul	
23) Benzo(a)pyrene	24.26	252	6848m	0.351	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.17	276	5284m	0.244	ng/ul	
25) Dibenzo(a,h)anthracene	27.17	278	1260m	0.072	ng/ul	
26) Benzo(g,h,i)perylene	28.04	276	4220m	0.233	ng/ul	

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

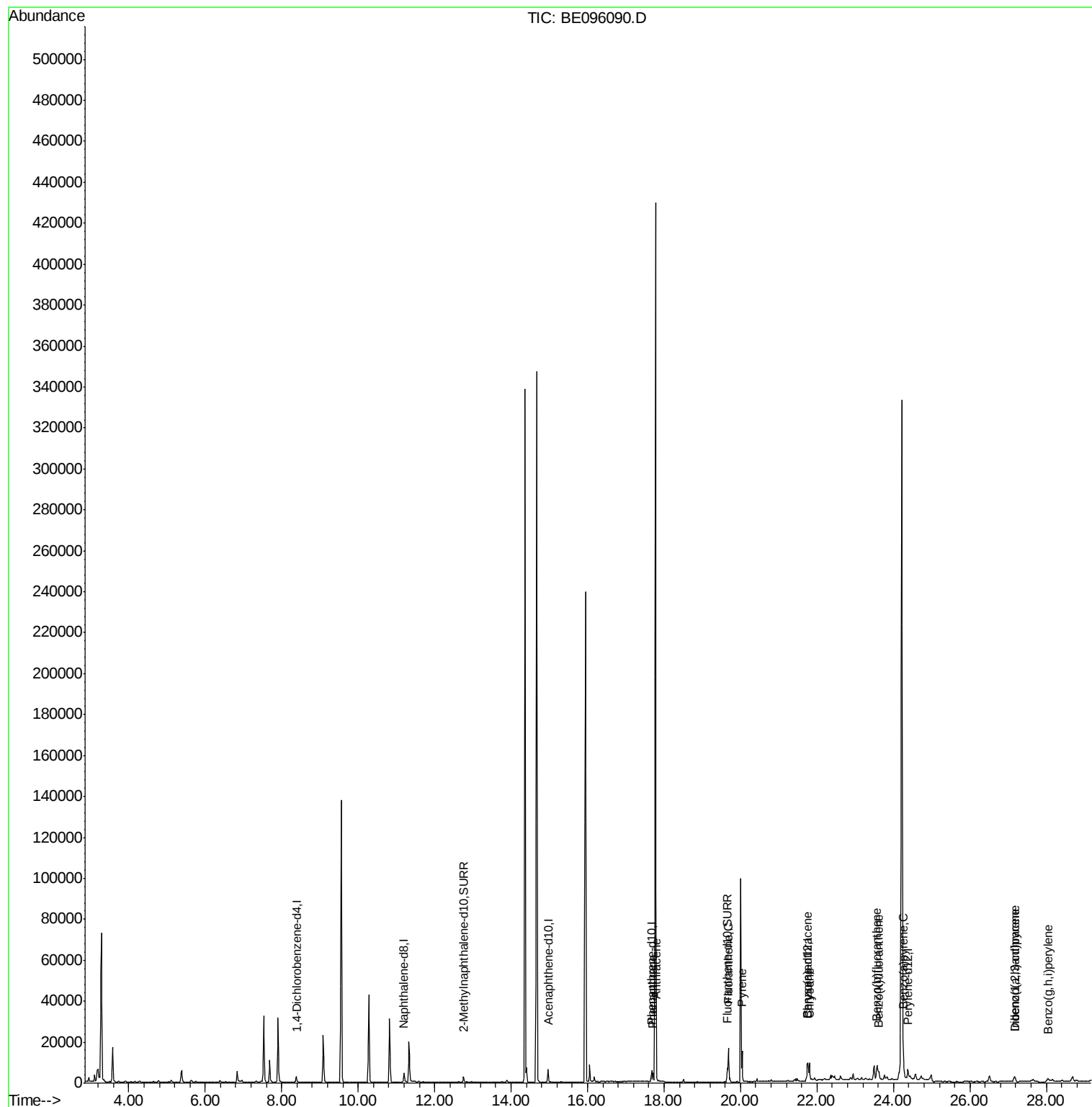
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096090.D
Acq On : 23 Apr 2018 18:12
Operator : SJ/JU
Sample : J2355-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

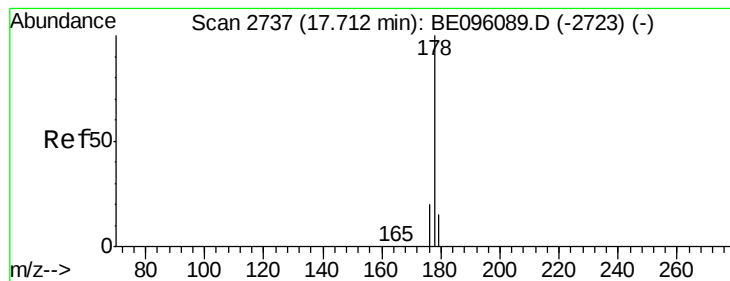
Instrument :
BNA_E
ClientSampleId :
A3Y23

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Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.228 ng/ul m

RT: 17.71 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Instrument :

BNA_E

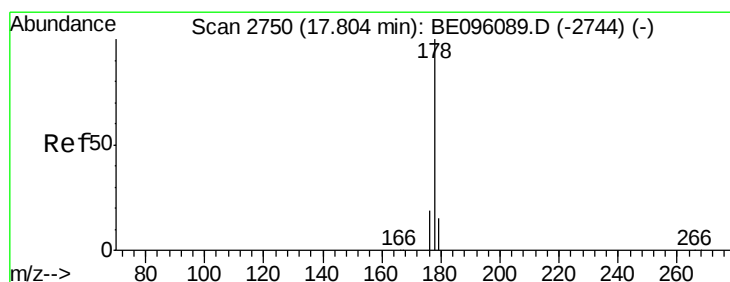
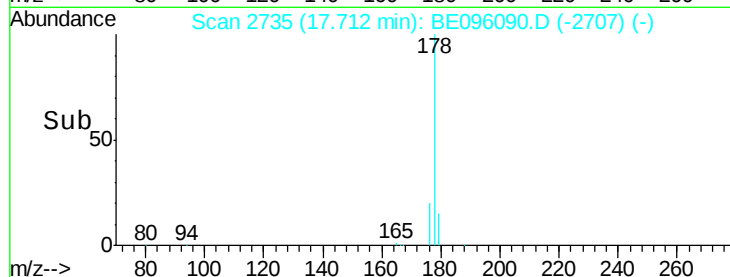
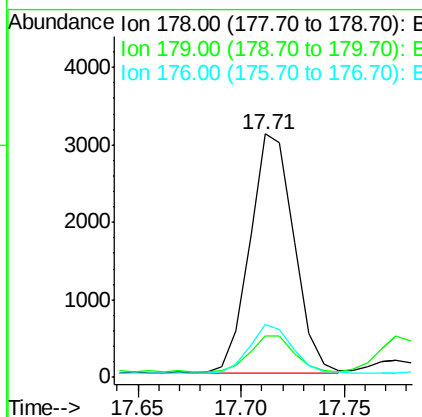
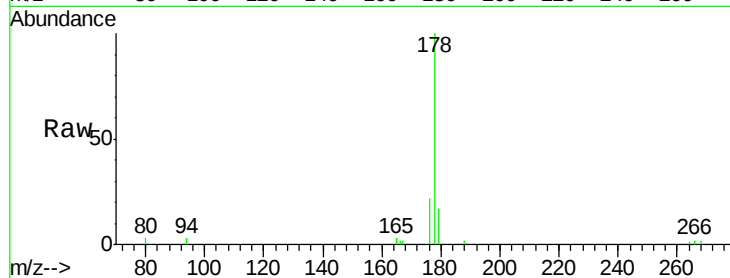
ClientSampleId :

A3Y23

Tot Ion:	178	Resp:	4594
Ion Ratio	Lower	Upper	
178	100		
179	16.7	18.4	27.6#
176	21.6	13.6	20.4#

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#13

Anthracene

Concen: 0.025 ng/ul m

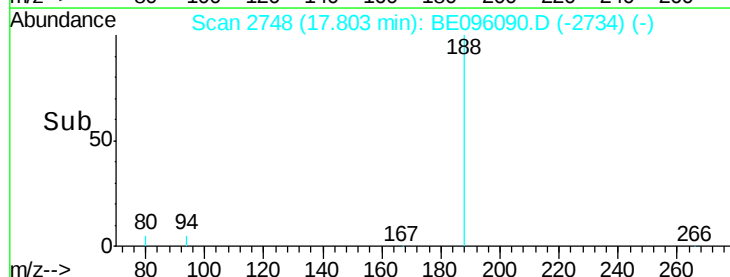
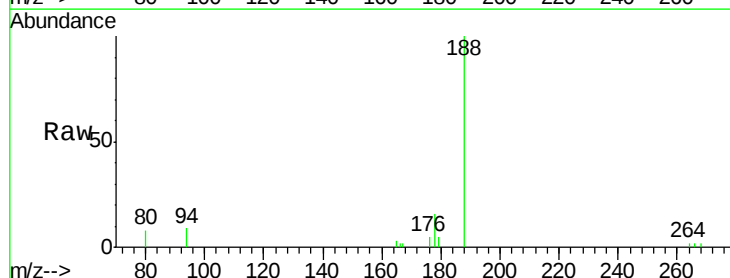
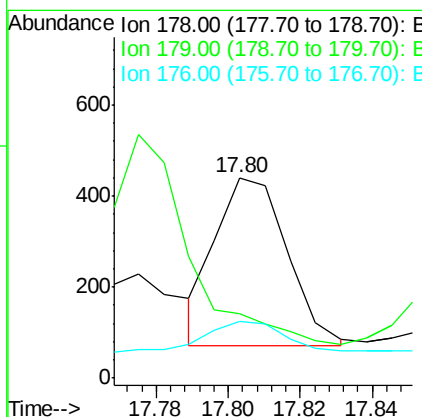
RT: 17.80 min Scan# 2748

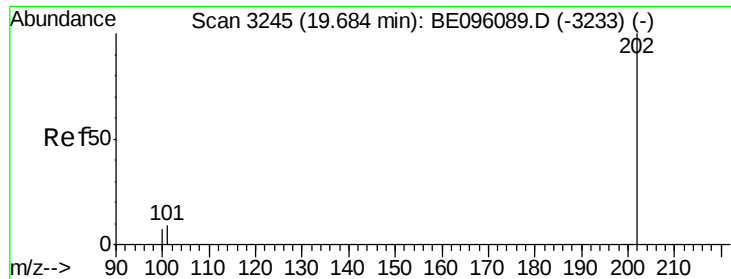
Delta R.T. -0.00 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Tgt Ion:	178	Resp:	508
Ion Ratio	Lower	Upper	
178	100		
179	32.0	18.1	27.1#
176	28.3	14.7	22.1#





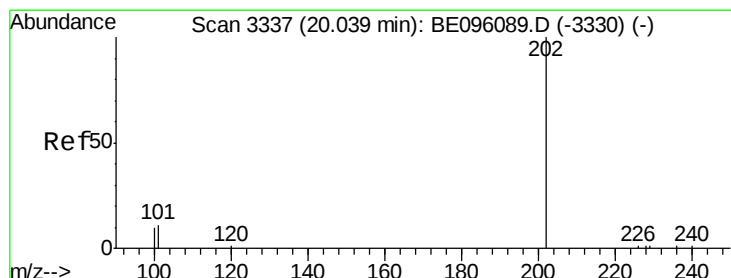
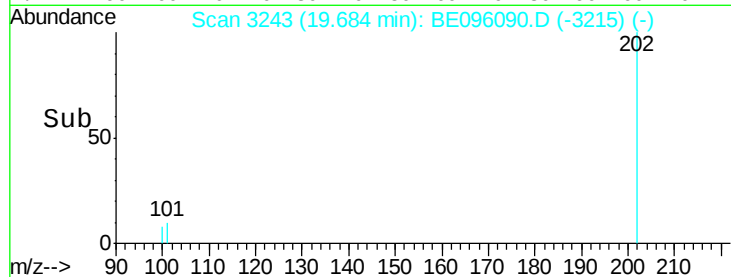
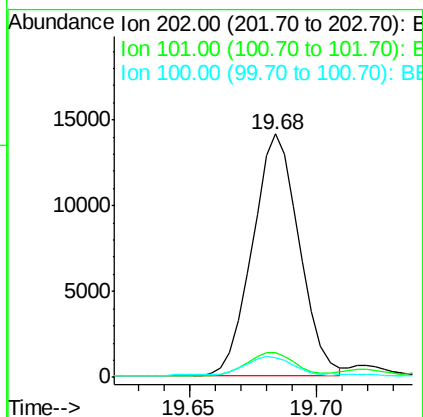
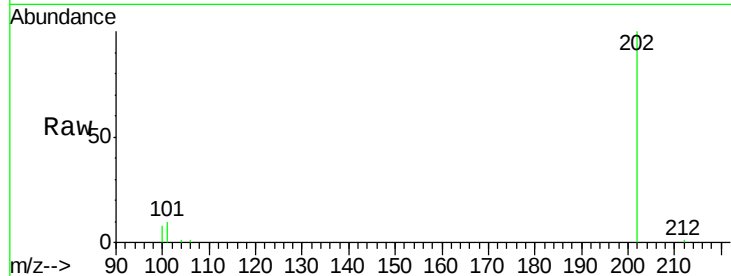
#15
Fluoranthene
Concen: 0.657 ng/ul m
RT: 19.68 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Instrument :
BNA_E
ClientSampleId :
A3Y23

Tot Ion	Ratio	Resp	Lower	Upper
202	100	17988		
101	10.0		0.0	30.3
100	8.3		0.0	39.5

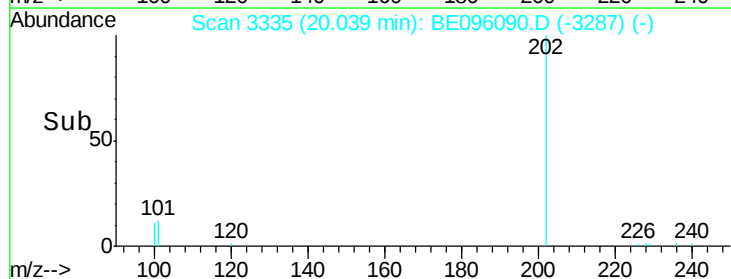
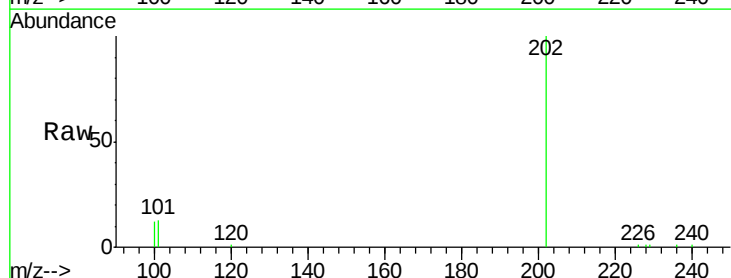
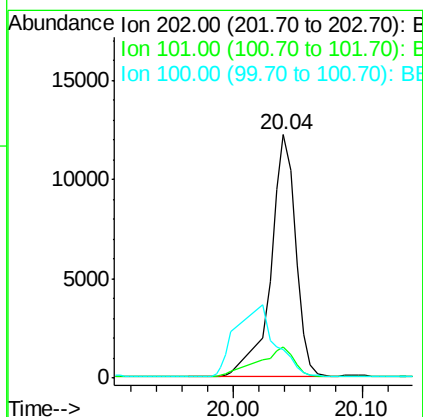
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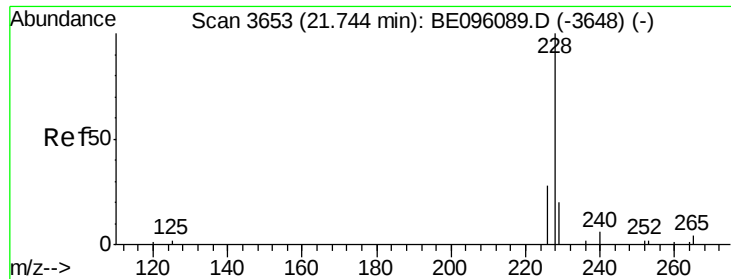
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#17
Pyrene
Concen: 0.723 ng/ul
RT: 20.04 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	15787		
101	12.6		18.2	27.4#
100	11.6		15.6	23.4#





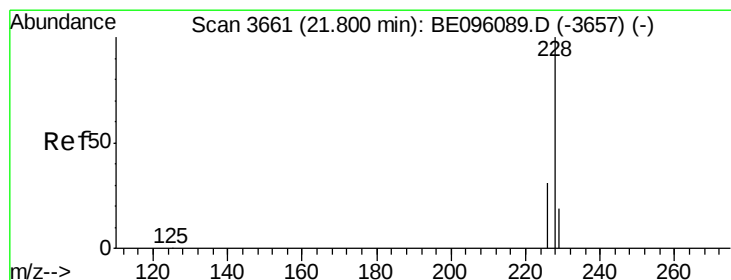
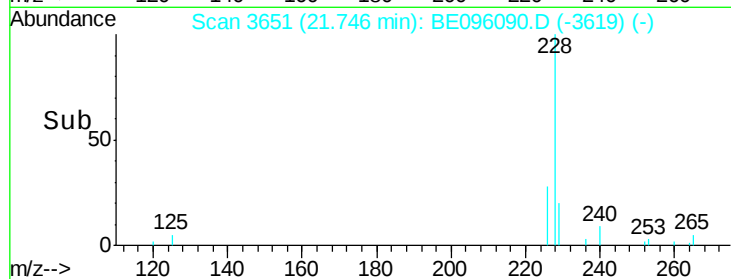
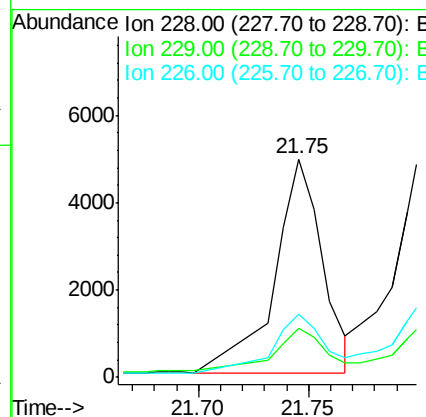
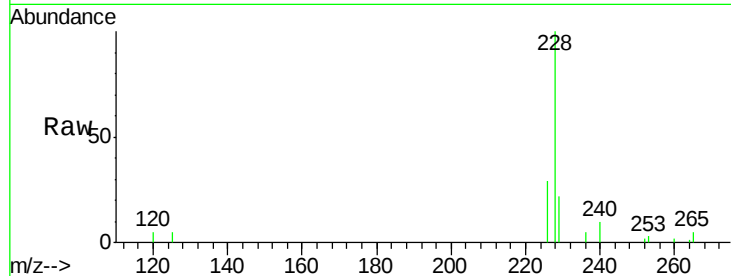
#18
Benzo(a)anthracene
Concen: 0.418 ng/ul m
RT: 21.75 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Instrument :
BNA_E
ClientSampleId :
A3Y23

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	22.8	34.2#
226	29.0	17.0	25.6#

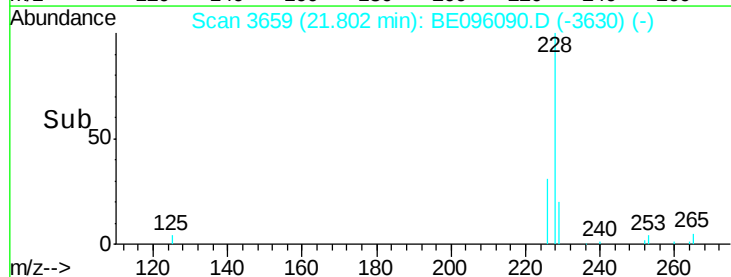
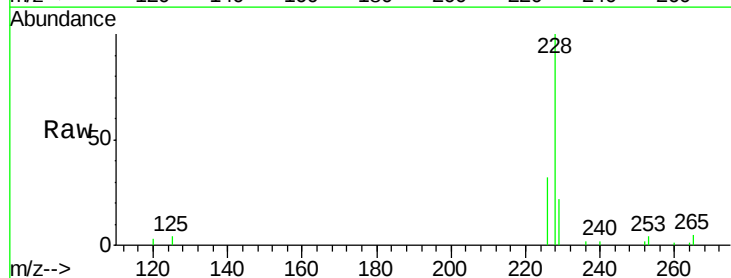
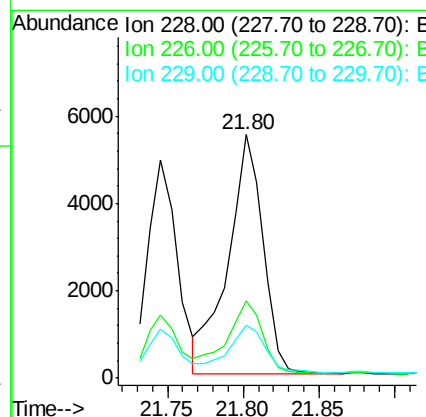
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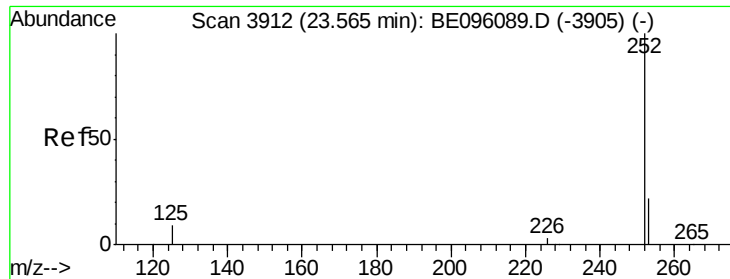
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#19
Chrysene
Concen: 0.469 ng/ul
RT: 21.80 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	21.6	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.595 ng/ul m

RT: 23.57 min Scan# 3910

Delta R.T. 0.00 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Instrument :

BNA_E

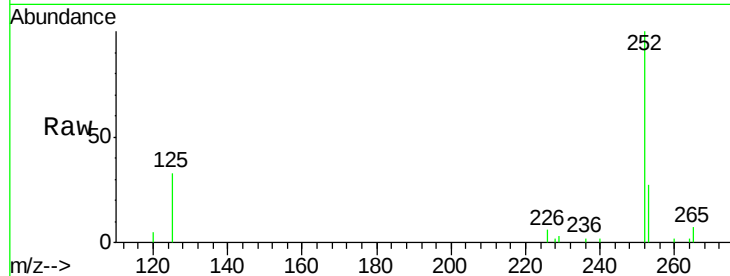
ClientSampled :

A3Y23

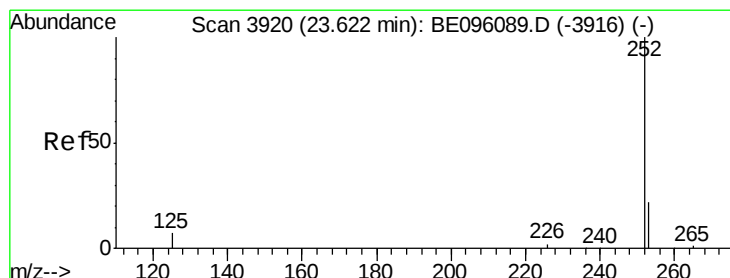
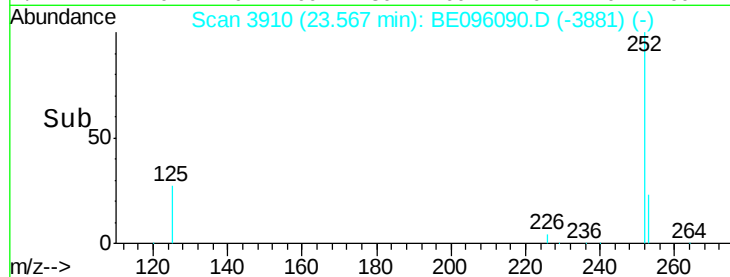
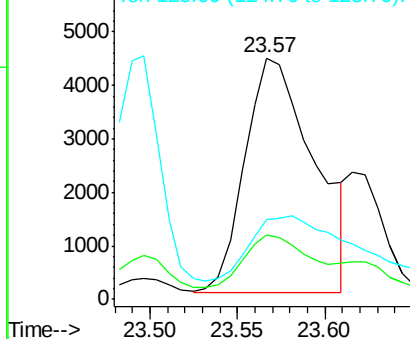
Tot Ion:	252	Resp:	12025
Ion Ratio	Lower	Upper	
252	100		
253	26.9	0.0	64.2
125	32.9	0.0	35.0

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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



#22

Benzo(k)fluoranthene

Concen: 0.165 ng/ul m

RT: 23.62 min Scan# 3917

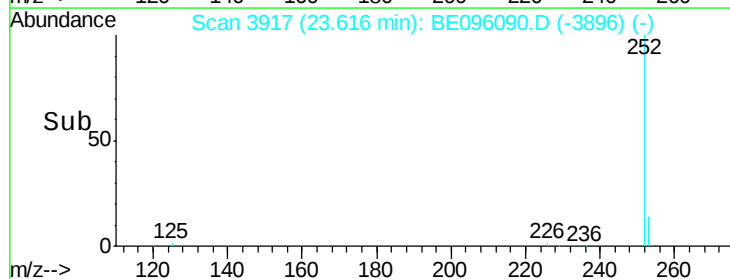
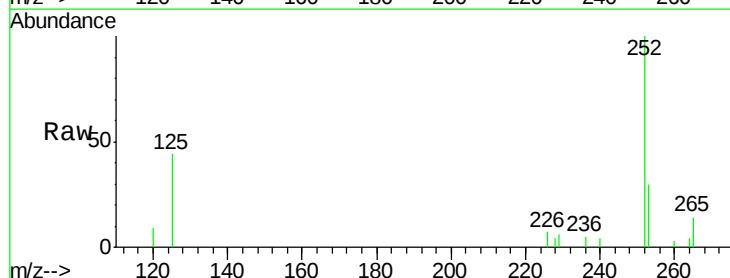
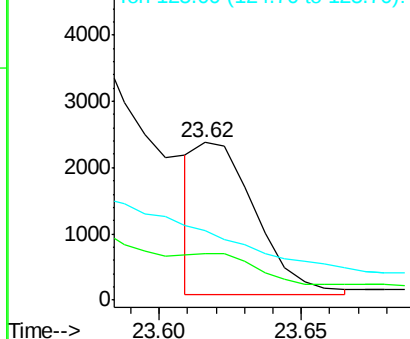
Delta R.T. -0.01 min

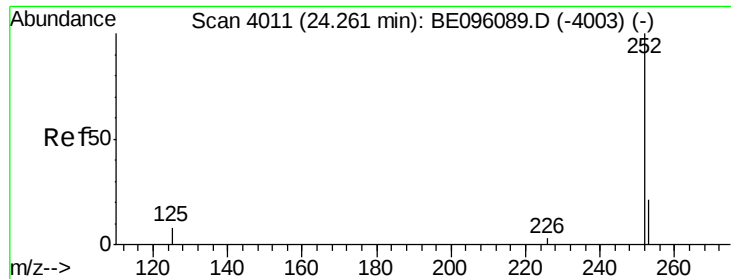
Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Tgt Ion:	252	Resp:	3312
Ion Ratio	Lower	Upper	
252	100		
253	29.7	24.5	36.7
125	43.8	13.7	20.5#

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





#23

Benzo(a)pyrene

Concen: 0.351 ng/ul m

RT: 24.26 min Scan# 4009

Delta R.T. 0.00 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Instrument :

BNA_E

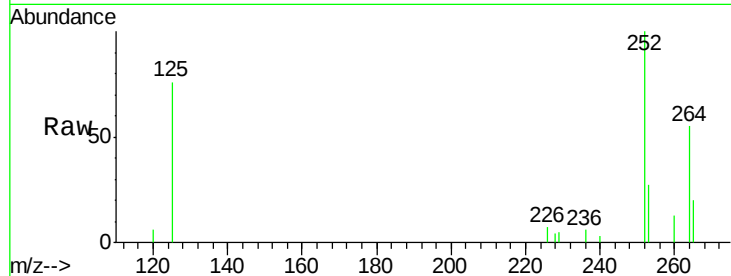
ClientSampled :

A3Y23

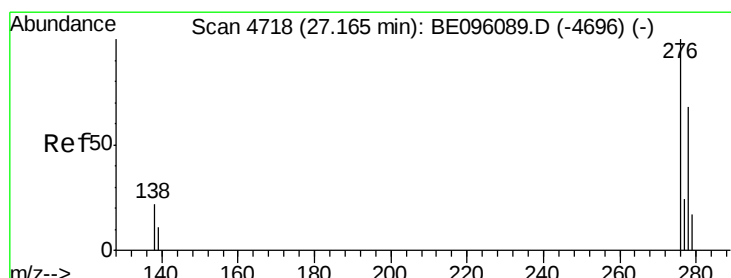
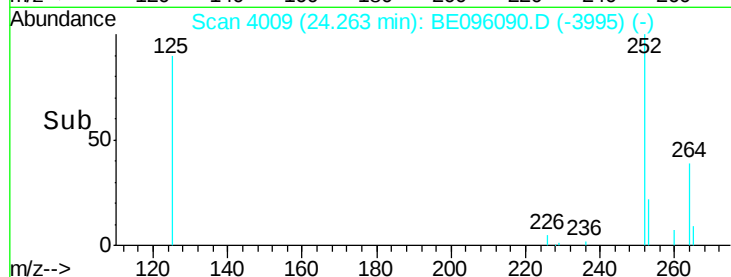
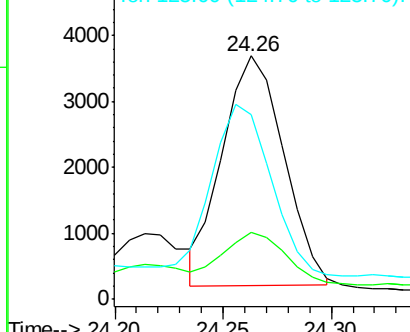
Tot Ion:	252	Resp:	6848
Ion Ratio	Lower	Upper	
252	100		
253	27.5	28.5	42.7#
125	75.9	18.1	27.1#

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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: 0.244 ng/ul m

RT: 27.17 min Scan# 4717

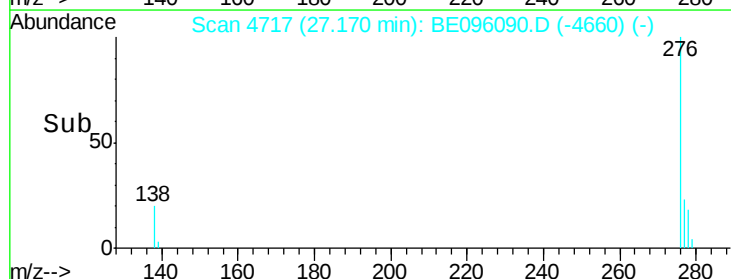
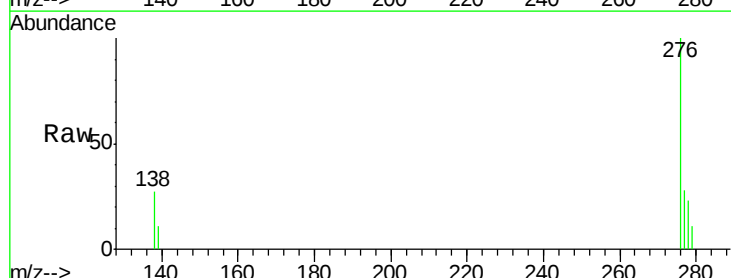
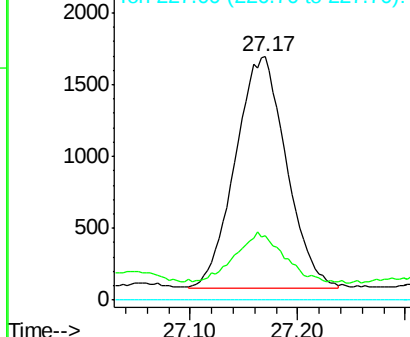
Delta R.T. 0.00 min

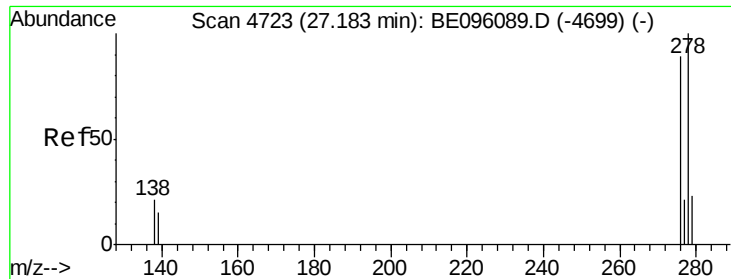
Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Tgt Ion:	276	Resp:	5284
Ion Ratio	Lower	Upper	
276	100		
138	1.3	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





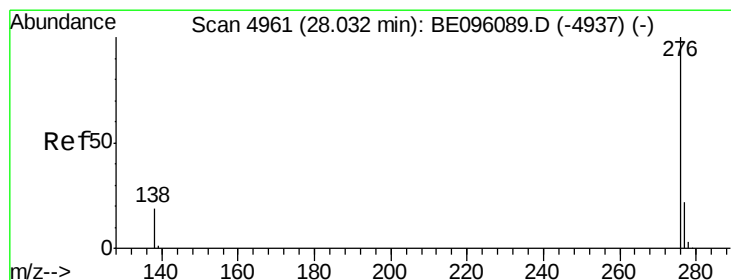
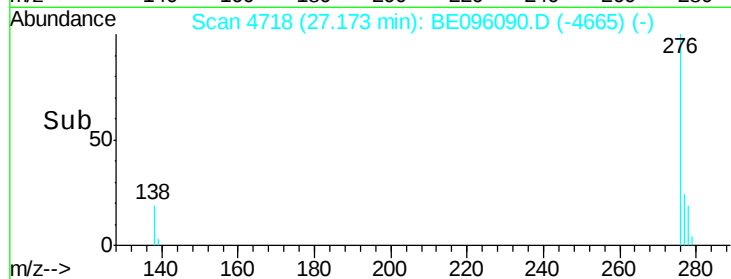
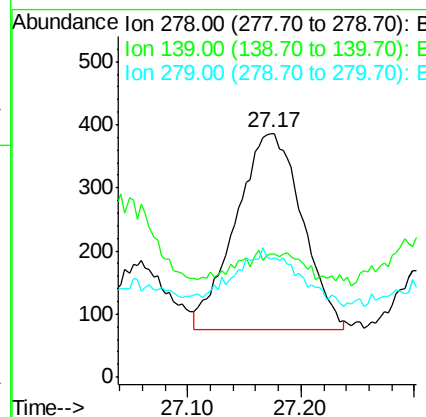
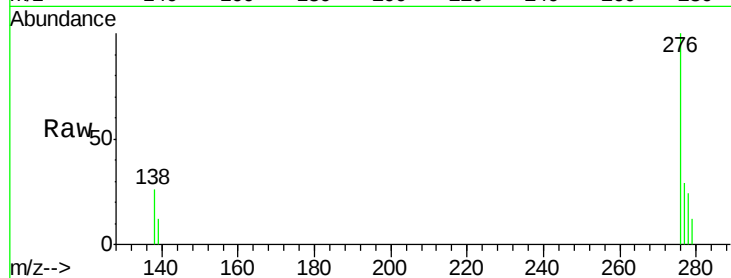
#25
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul m
RT: 27.17 min Scan# 4718
Delta R.T. -0.01 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Instrument :
BNA_E
ClientSampled :
A3Y23

Tot Ion	Ratio	Lower	Upper
278	100		
139	50.5	17.4	26.0#
279	48.4	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul m
RT: 28.04 min Scan# 4960
Delta R.T. 0.00 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.8	32.8
277	29.3	20.5	30.7

