

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Manual Integrations
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Quant Time: Apr 24 06:37:21 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 05:21:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1867	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5058	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2914	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6501m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6119m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6850	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1456	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	4208m	0.16	ng/ul	0.00
Target Compounds						
					Ovalue	
7) Acenaphthylene	14.70	152	313	0.021	ng/ul#	65
8) Acenaphthene	15.02	153	228	0.021	ng/ul#	85
9) Fluorene	15.99	166	408	0.033	ng/ul#	89
11) Pentachlorophenol	17.33	266	112m	0.081	ng/ul	
12) Phenanthrene	17.71	178	1396m	0.073	ng/ul	
13) Anthracene	17.80	178	1099m	0.058	ng/ul	
15) Fluoranthene	19.68	202	2646m	0.101	ng/ul	
17) Pyrene	20.04	202	3187	0.153	ng/ul#	84
18) Benzo(a)anthracene	21.75	228	4131m	0.167	ng/ul	
19) Chrysene	21.80	228	2422	0.136	ng/ul	91
21) Benzo(b)fluoranthene	23.57	252	2748	0.124	ng/ul	97
22) Benzo(k)fluoranthene	23.62	252	2385	0.108	ng/ul#	92
23) Benzo(a)pyrene	24.26	252	2632	0.123	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	27.17	276	2823	0.119	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.18	278	2148	0.112	ng/ul#	93
26) Benzo(a,h,i)perylene	28.04	276	2336	0.118	ng/ul#	91

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

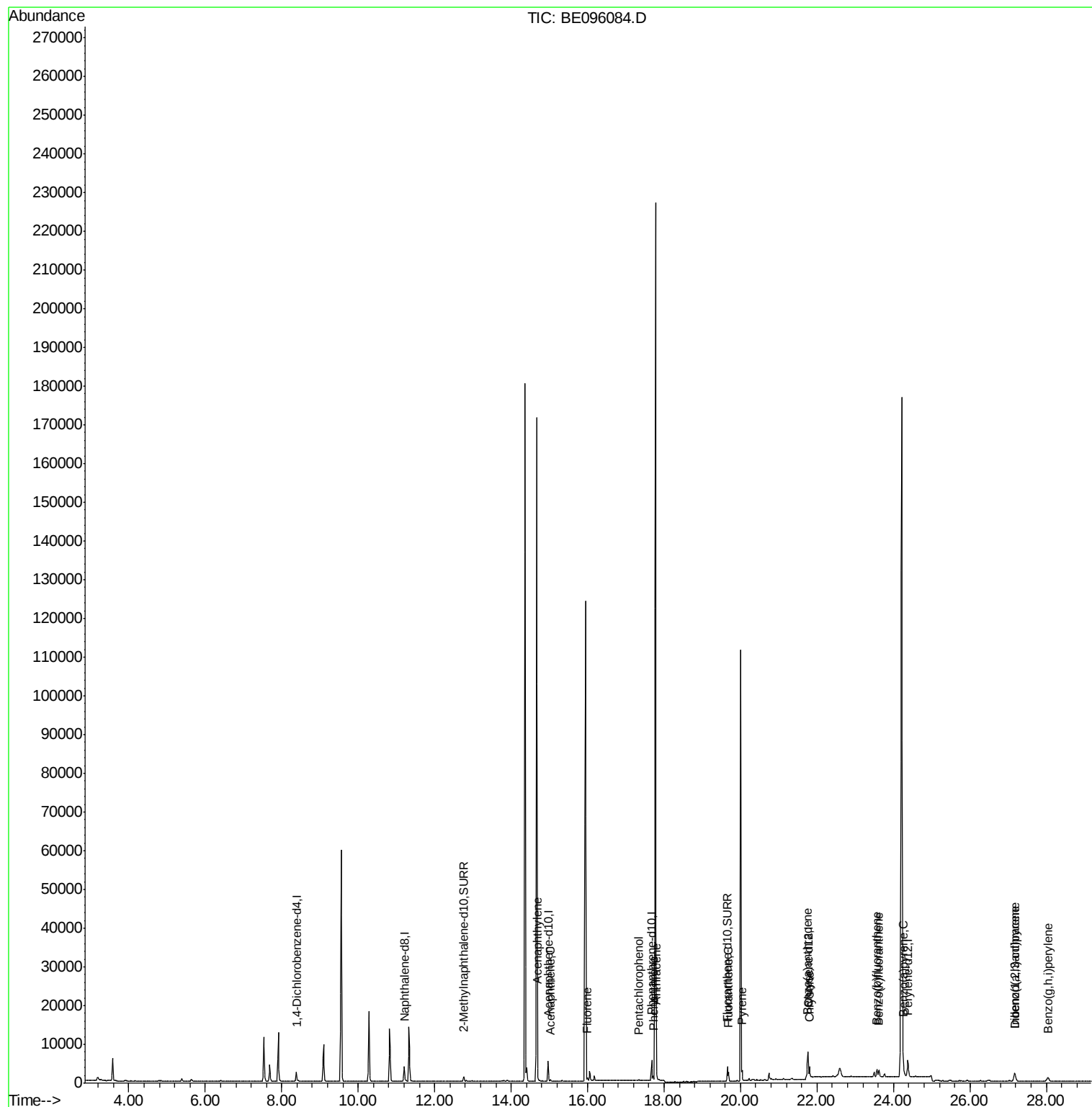
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
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ALS Vial : 10 Sample Multiplier: 1

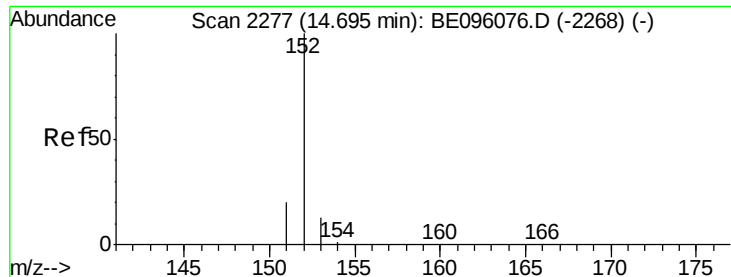
Instrument :
BNA_E
ClientSampleId :
A3Y26

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Quant Time: Apr 24 06:37:21 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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QLast Update : Tue Apr 24 05:21:12 2018
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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Instrument :

BNA_E

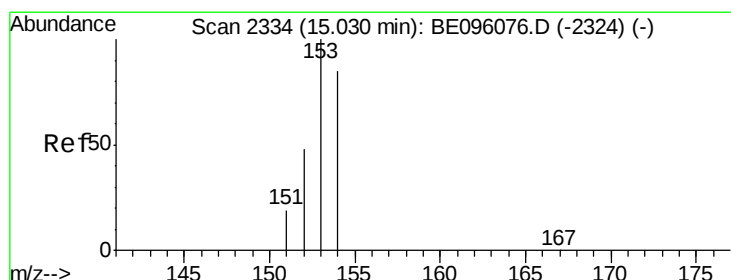
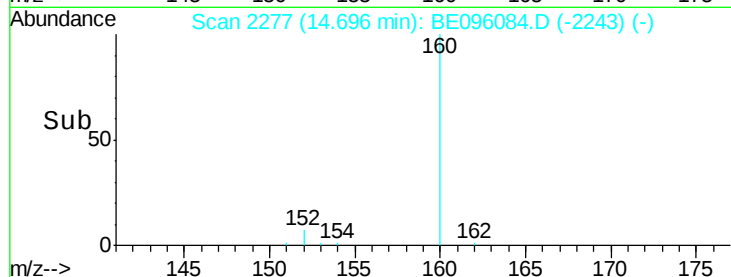
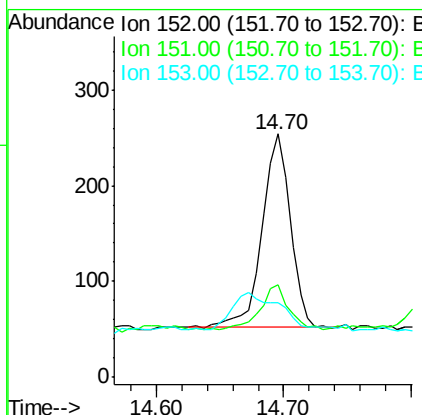
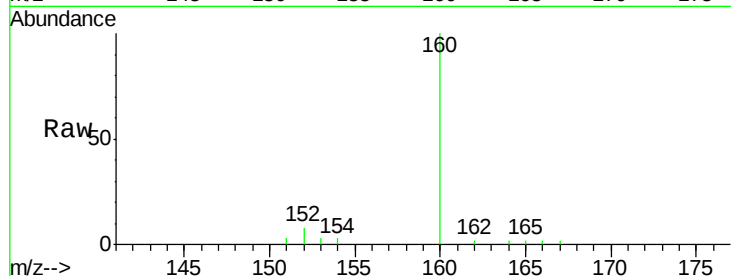
ClientSampleId :

A3Y26

Tot Ion:	152	Resp:	313
Ion Ratio	Lower	Upper	
152	100		
151	37.8	17.1	25.7#
153	30.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.021 ng/ul

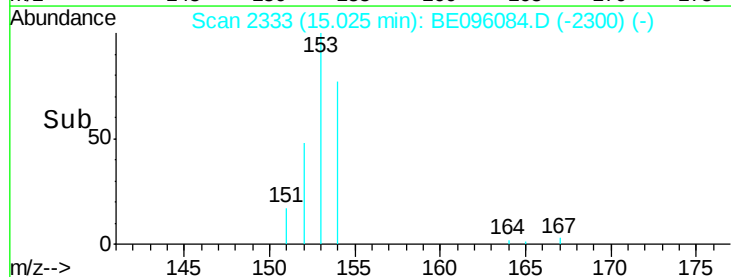
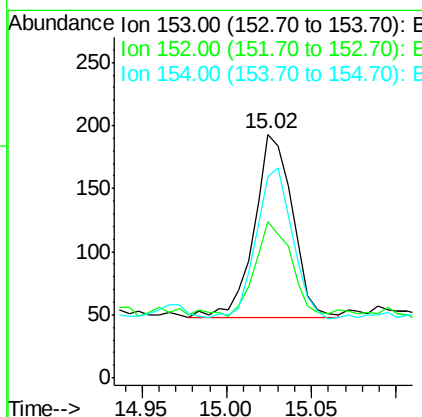
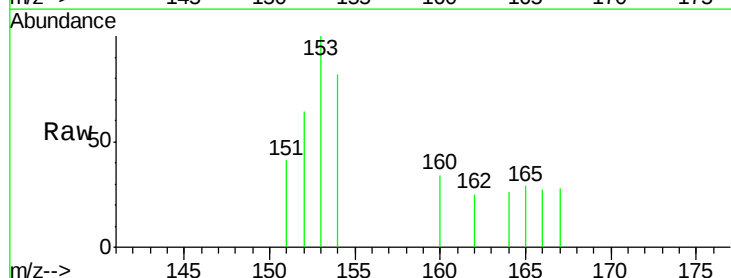
RT: 15.02 min Scan# 2333

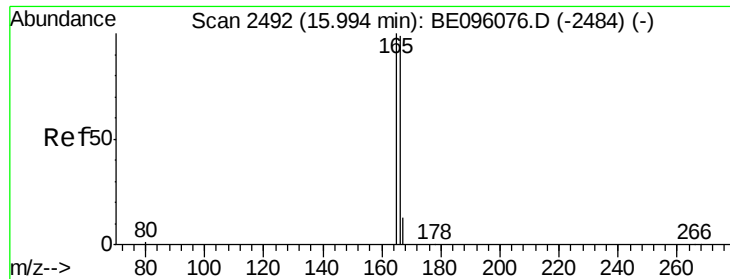
Delta R.T. -0.01 min

Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Tgt Ion:	153	Resp:	228
Ion Ratio	Lower	Upper	
153	100		
152	64.2	36.0	54.0#
154	82.4	72.0	108.0





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Instrument :

BNA_E

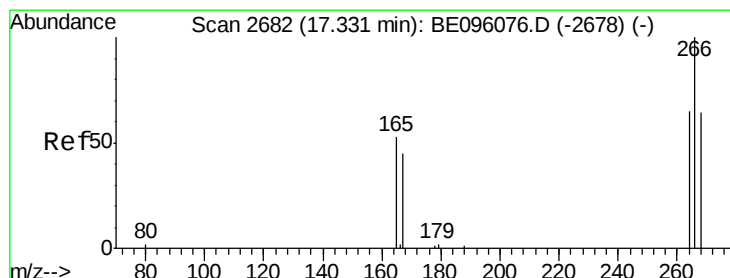
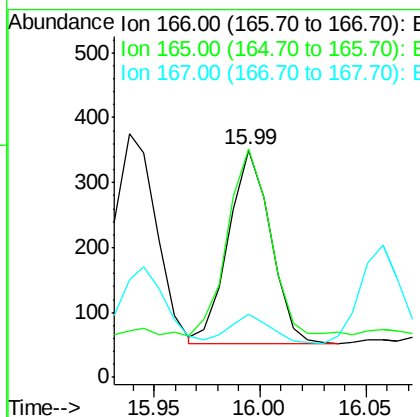
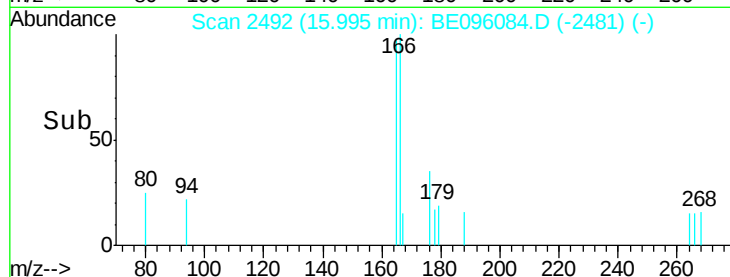
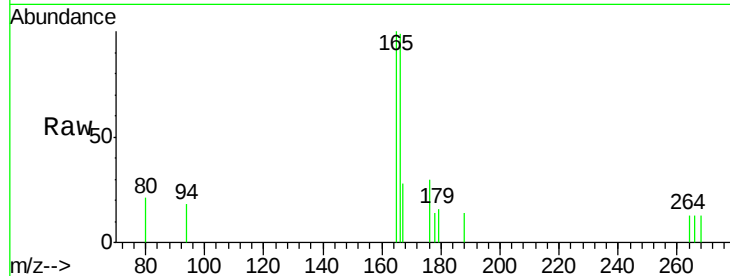
ClientSampled :

A3Y26

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	27.7	14.6	22.0#

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#11

Pentachlorophenol

Concen: 0.081 ng/ul m

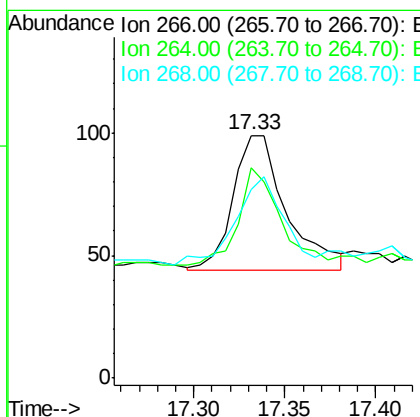
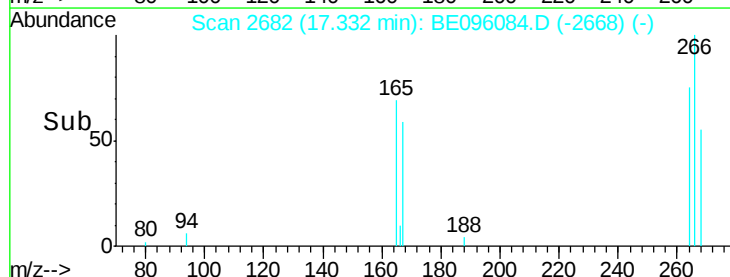
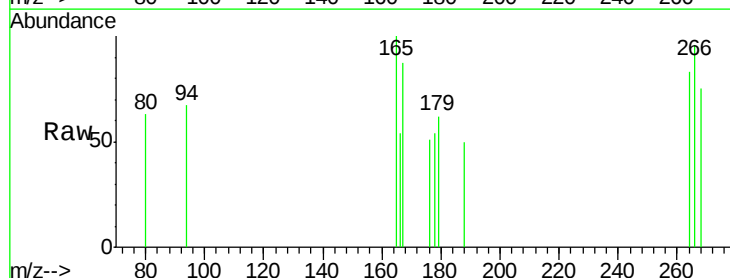
RT: 17.33 min Scan# 2682

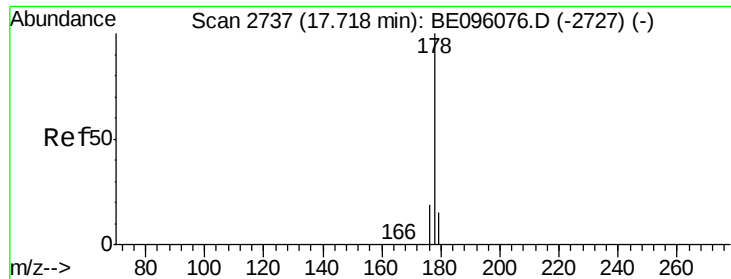
Delta R.T. 0.00 min

Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	4.5	47.9	71.9#
268	0.0	49.8	74.8#





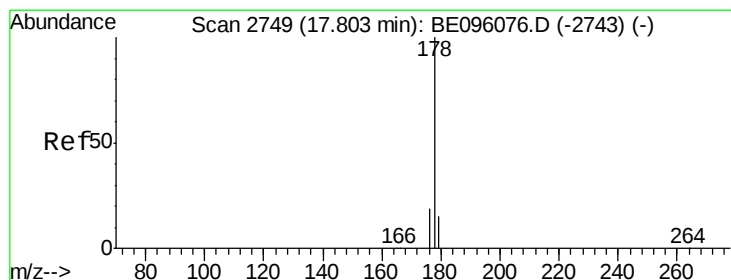
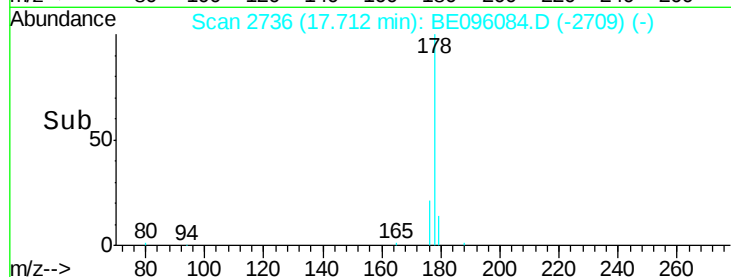
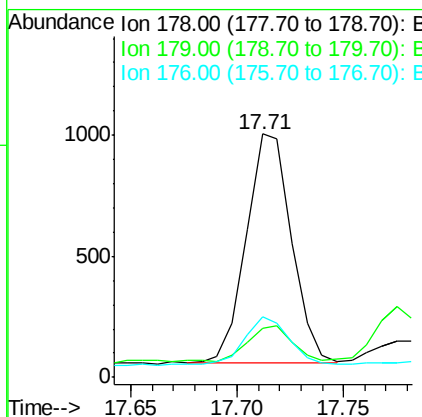
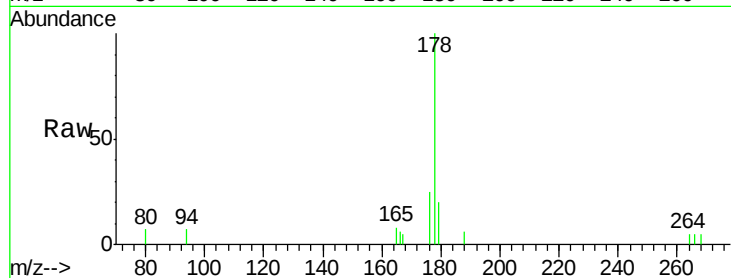
#12
Phenanthrene
Concen: 0.073 ng/ul m
RT: 17.71 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Instrument :
BNA_E
ClientSampled :
A3Y26

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.1	18.4	27.6
176	25.1	13.6	20.4

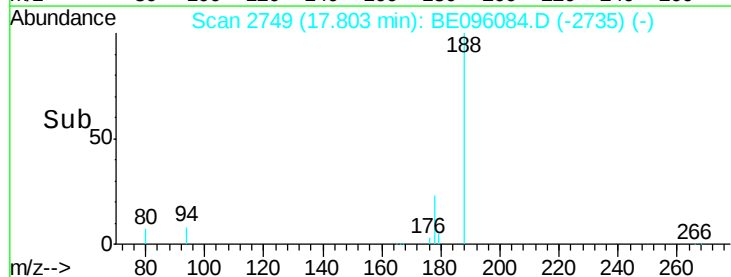
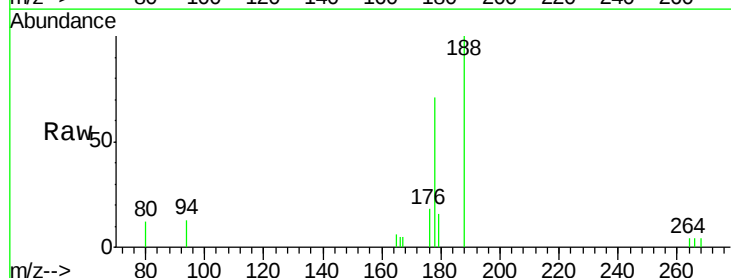
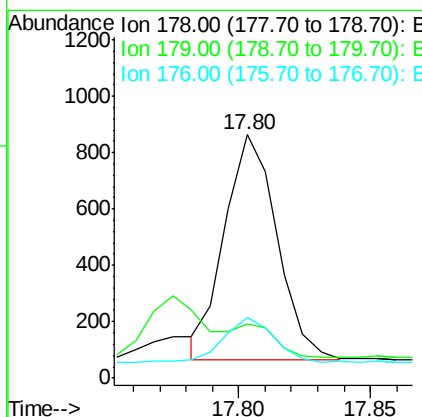
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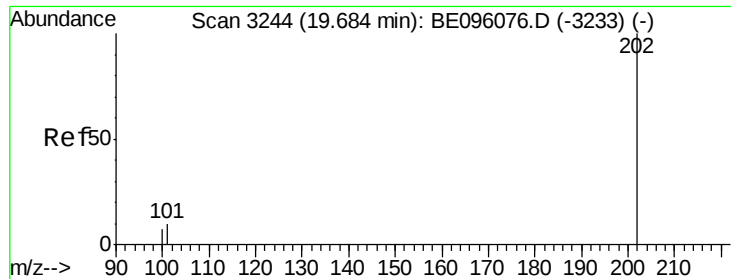
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#13
Anthracene
Concen: 0.058 ng/ul m
RT: 17.80 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.5	18.1	27.1
176	24.9	14.7	22.1





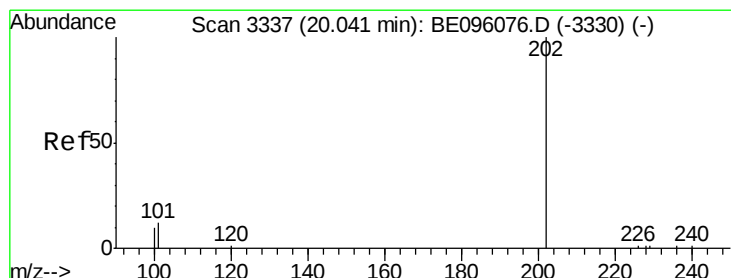
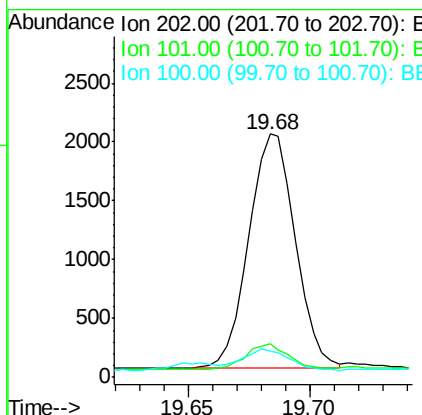
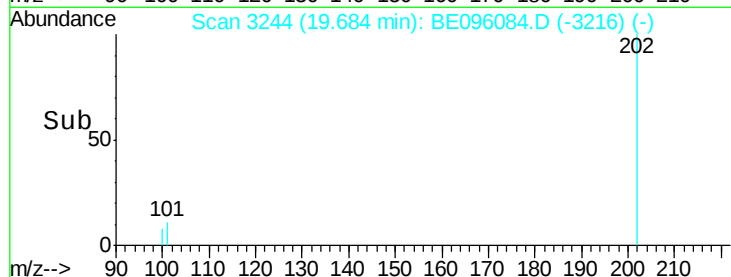
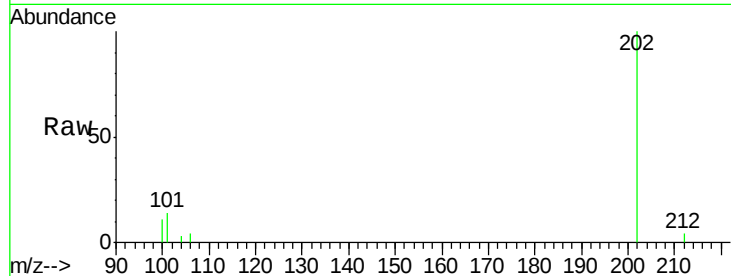
#15
Fluoranthene
 Concen: 0.101 ng/ul m
 RT: 19.68 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BE096084.D
 Acq: 23 Apr 2018 14:35

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2646		
101	13.6		0.0	30.3
100	10.7		0.0	39.5

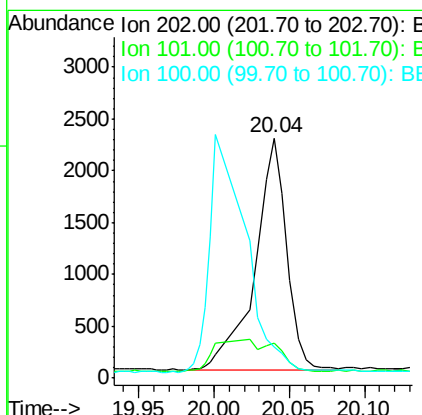
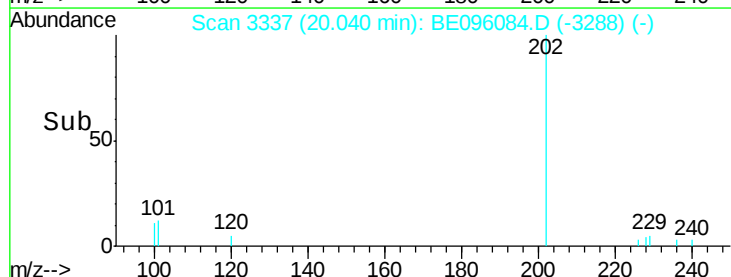
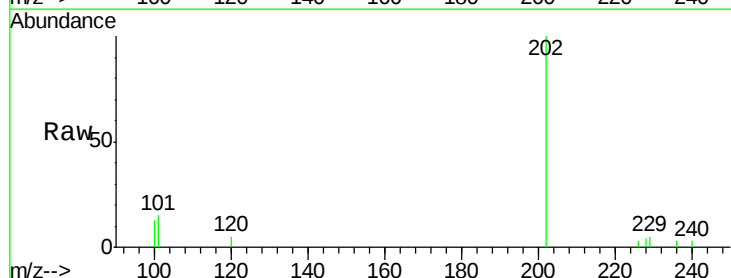
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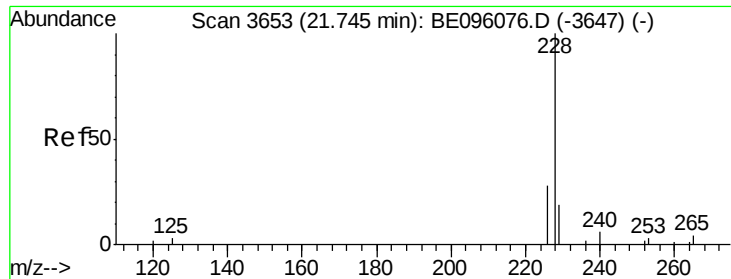
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#17
Pyrene
 Concen: 0.153 ng/ul
 RT: 20.04 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: BE096084.D
 Acq: 23 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3187		
101	14.5		18.2	27.4#
100	12.8		15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.167 ng/ul m

RT: 21.75 min Scan# 3653

Delta R.T. 0.00 min

Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Instrument :

BNA_E

ClientSampleId :

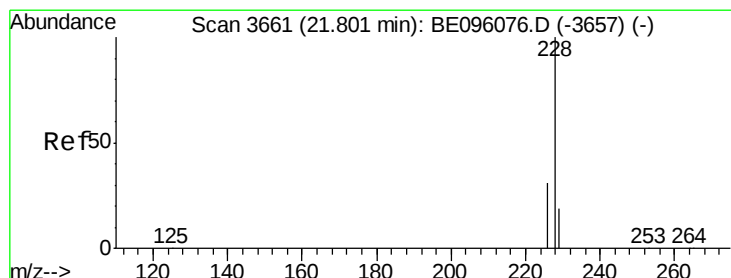
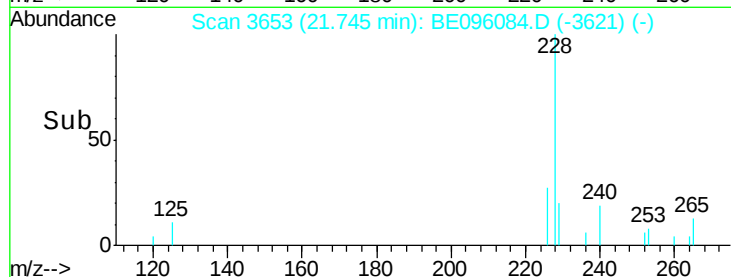
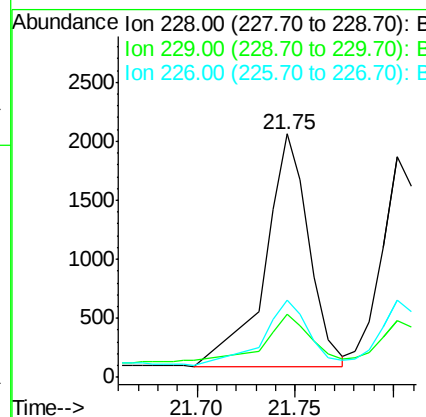
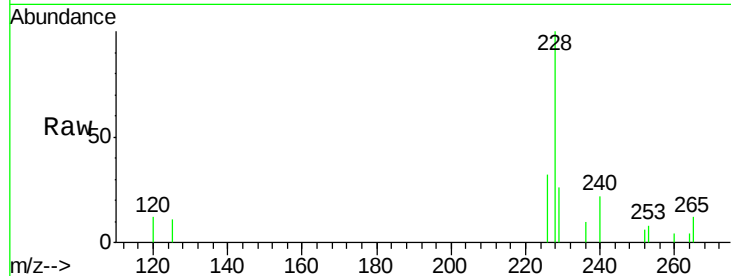
A3Y26

Tot Ion:228 Resp: 4131

Ion	Ratio	Lower	Upper
228	100		
229	25.7	22.8	34.2
226	31.5	17.0	25.6

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#19

Chrysene

Concen: 0.136 ng/ul

RT: 21.80 min Scan# 3661

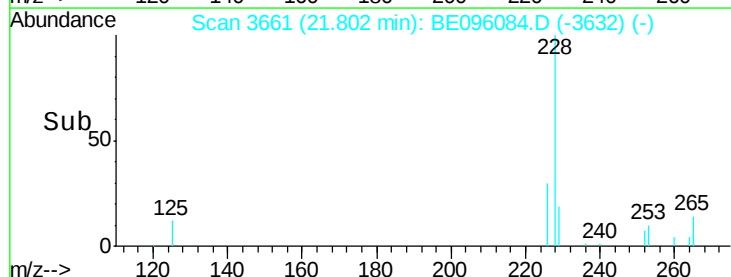
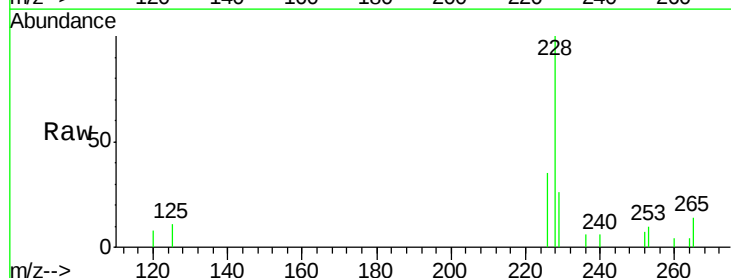
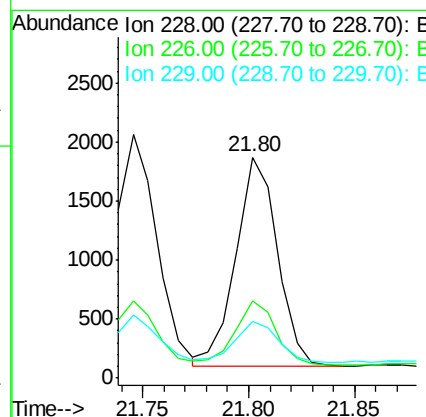
Delta R.T. 0.00 min

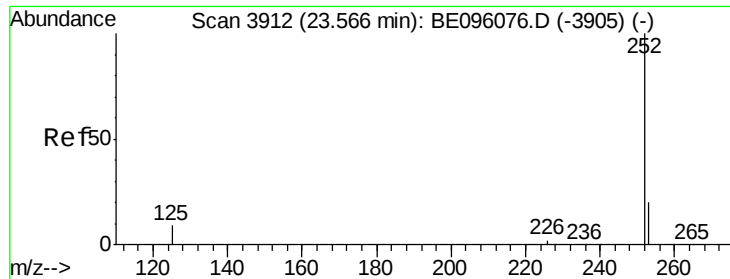
Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Tgt Ion:228 Resp: 2422

Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.4	35.0
229	25.5	17.7	26.5





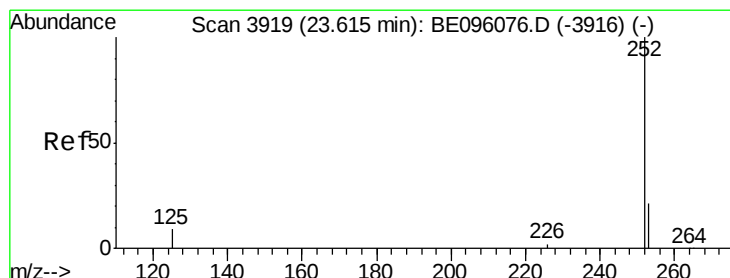
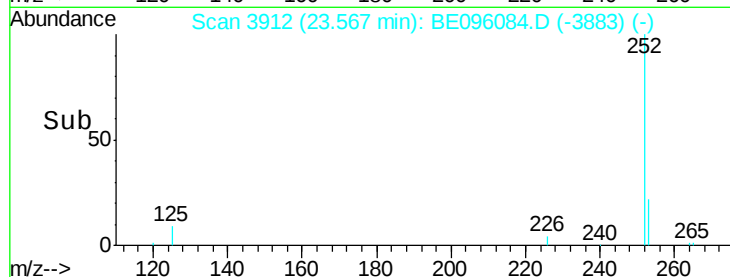
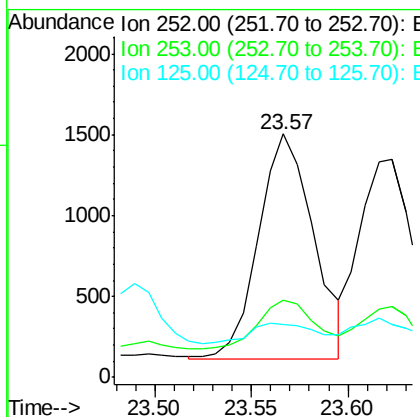
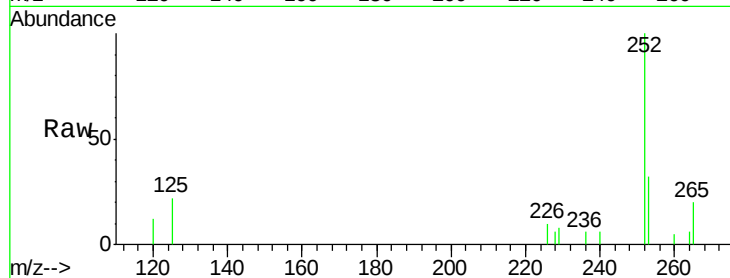
#21
Benzo(b)fluoranthene
Concen: 0.124 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Instrument :
BNA_E
ClientSampleId :
A3Y26

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.0	0.0	64.2
125	21.6	0.0	35.0

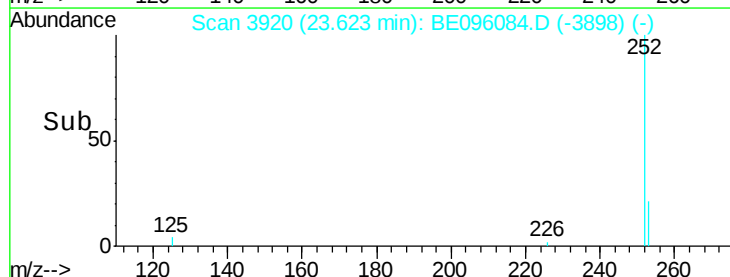
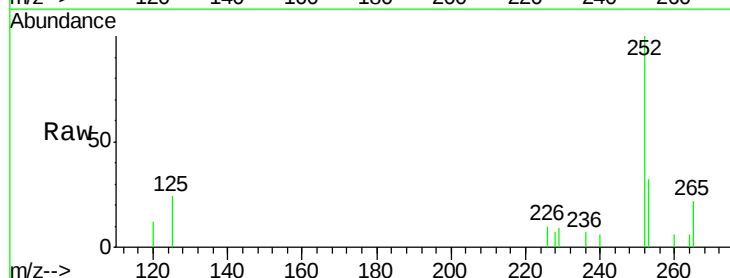
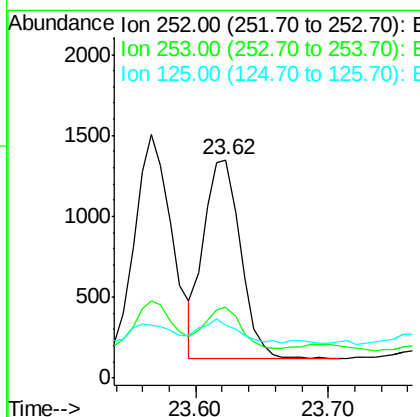
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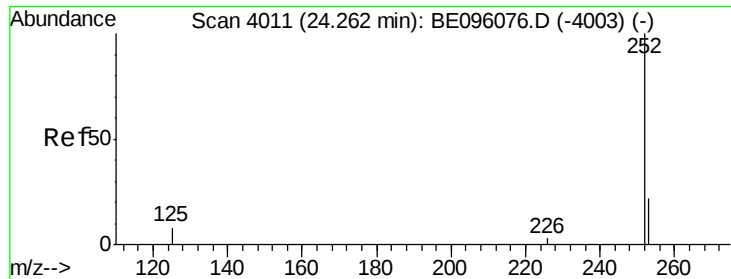
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#22
Benzo(k)fluoranthene
Concen: 0.108 ng/ul
RT: 23.62 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.1	24.5	36.7
125	24.3	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.123 ng/ul

RT: 24.26 min Scan# 4011

Delta R.T. 0.00 min

Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Instrument :

BNA_E

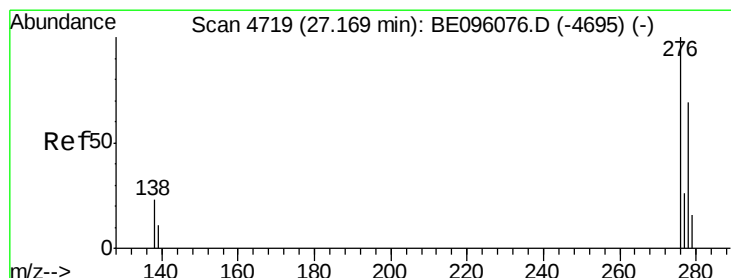
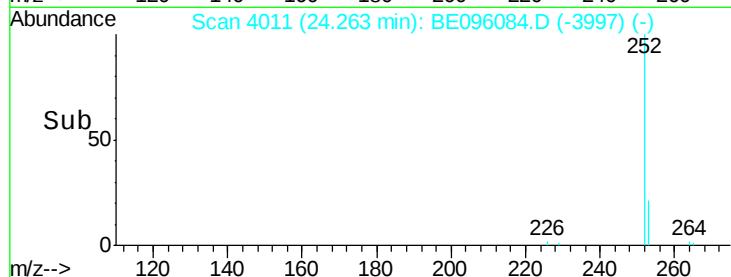
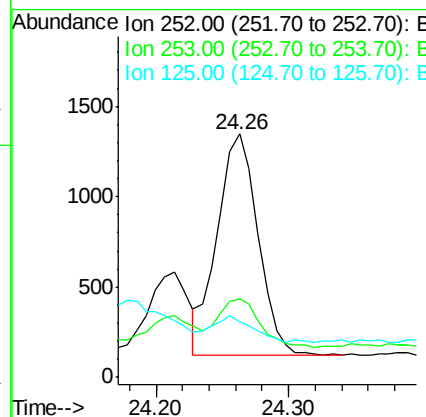
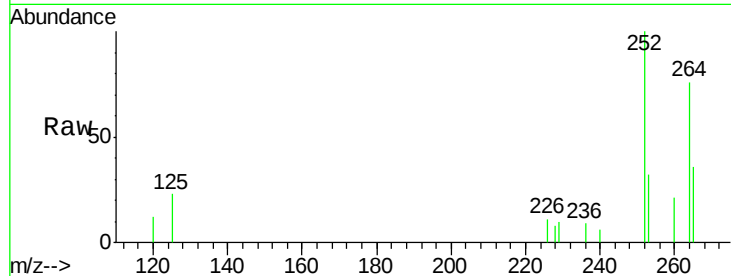
ClientSampleId :

A3Y26

Tot Ion:	252	Resp:	2632
Ion Ratio	Lower	Upper	
252	100		
253	32.3	28.5	42.7
125	22.8	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.119 ng/ul

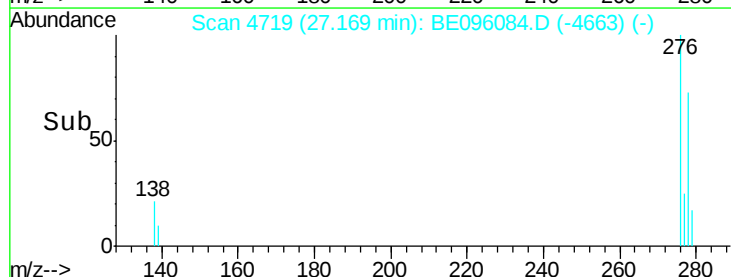
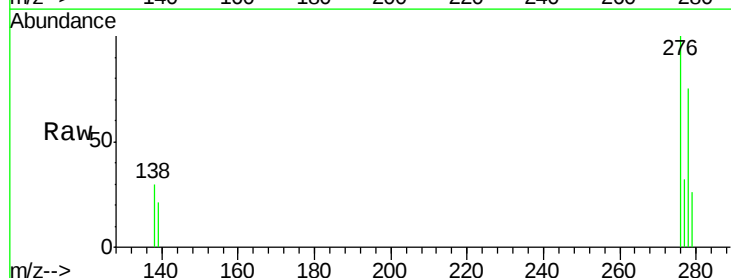
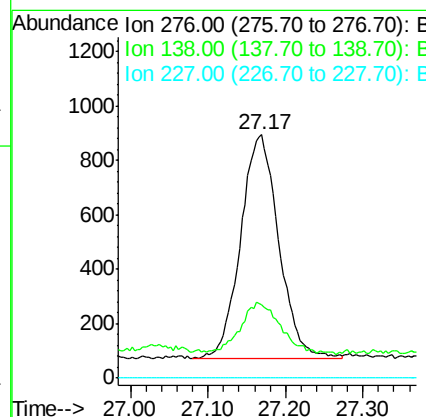
RT: 27.17 min Scan# 4719

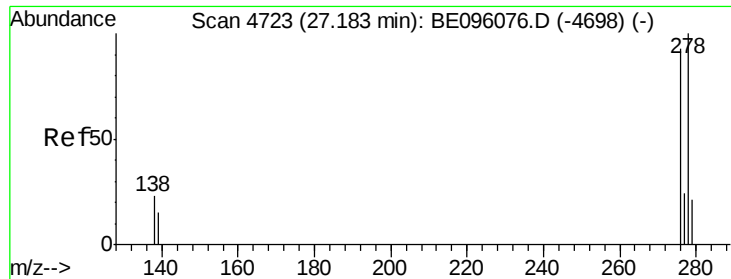
Delta R.T. 0.00 min

Lab File: BE096084.D

Acq: 23 Apr 2018 14:35

Tgt Ion:	276	Resp:	2823
Ion Ratio	Lower	Upper	
276	100		
138	22.7	28.0	42.0#
227	0.0	8.0	12.0#





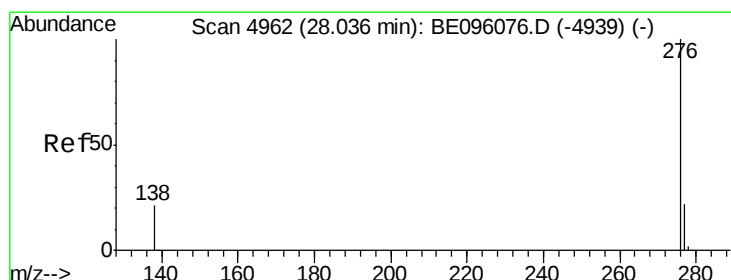
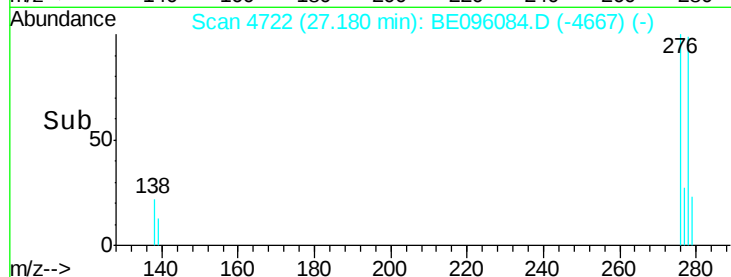
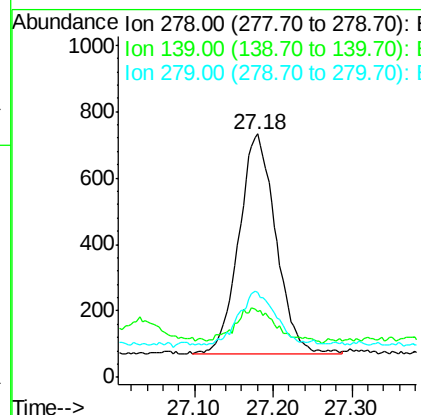
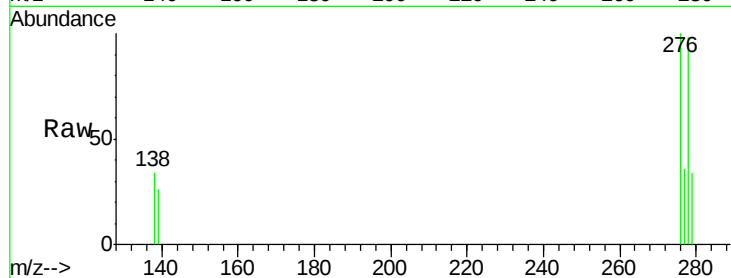
#25
 Dibenzo(a,h)anthracene
 Concen: 0.112 ng/ul
 RT: 27.18 min Scan# 4722
 Delta R.T. -0.00 min
 Lab File: BE096084.D
 Acq: 23 Apr 2018 14:35

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.9	17.4	26.0#
279	34.8	25.9	38.9

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.118 ng/ul
 RT: 28.04 min Scan# 4962
 Delta R.T. 0.00 min
 Lab File: BE096084.D
 Acq: 23 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.8
277	33.1	20.5	30.7#

