

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096081.D
 Acq On : 23 Apr 2018 12:48
 Operator : SJ/JU
 Sample : J2355-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y33

Manual Integrations
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Sohil
 4/24/2018 7:09:48 PM

Quant Time: Apr 24 06:17:27 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	1852	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5346	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6545m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6185m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7794	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2651	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6579m	0.24	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.25	128	1702	0.114	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	424	0.042	ng/ul	99
7) Acenaphthylene	14.70	152	2452	0.156	ng/ul	95
8) Acenaphthene	15.03	153	859	0.076	ng/ul#	94
9) Fluorene	15.99	166	1153	0.090	ng/ul	91
12) Phenanthrene	17.72	178	22840m	1.184	ng/ul	
13) Anthracene	17.80	178	6321m	0.329	ng/ul	
15) Fluoranthene	19.68	202	59042m	2.249	ng/ul	
17) Pyrene	20.04	202	58409	2.779	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	32359m	1.295	ng/ul	
19) Chrysene	21.81	228	25915	1.441	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	34876m	1.383	ng/ul	
22) Benzo(k)fluoranthene	23.61	252	10092m	0.402	ng/ul	
23) Benzo(a)pyrene	24.26	252	26316	1.081	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.17	276	16879	0.624	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	4297	0.197	ng/ul	95
26) Benzo(a,h,i)perylene	28.04	276	13056	0.578	ng/ul	95

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

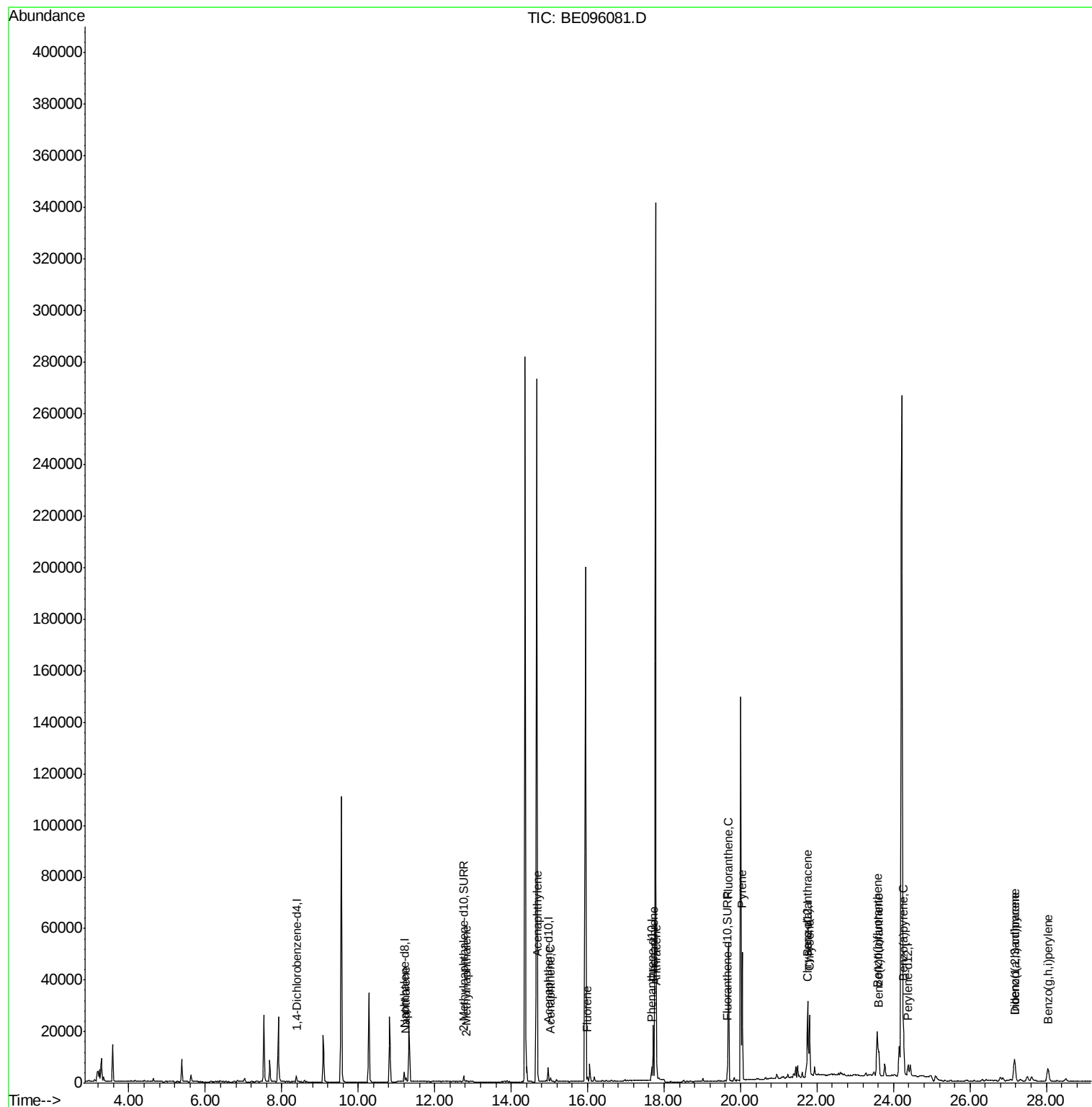
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
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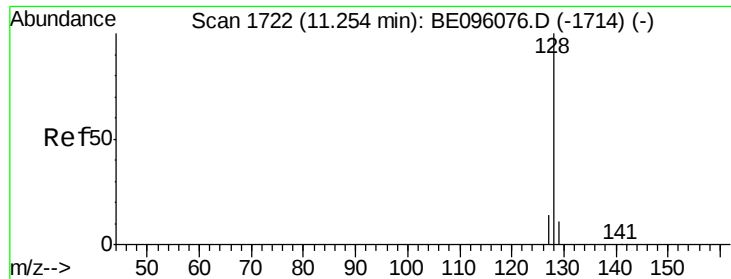
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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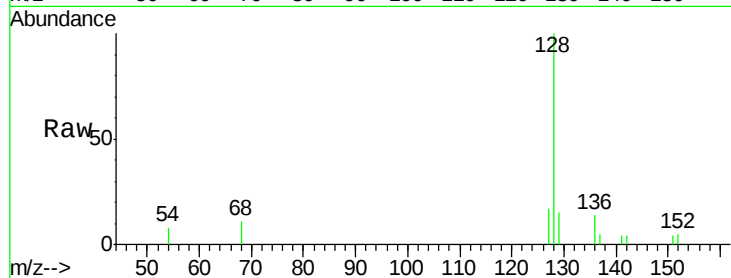
#3
Naphthalene
Concen: 0.114 ng/ul
RT: 11.25 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BE096081.D
Acq: 23 Apr 2018 12:48

Instrument :
BNA_E
ClientSampled :
A3Y33

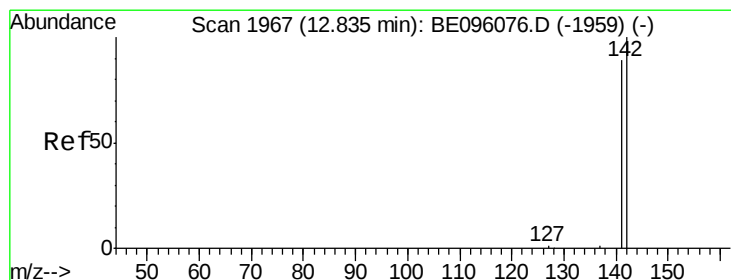
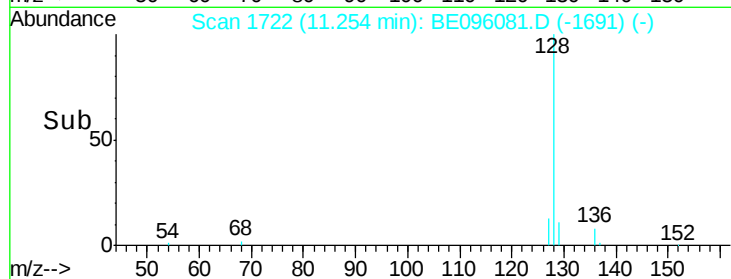
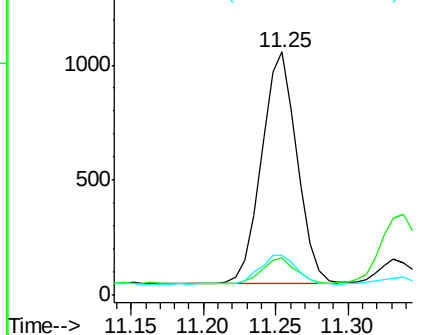
Tot Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.3	16.9
127	16.6	4.0	6.0

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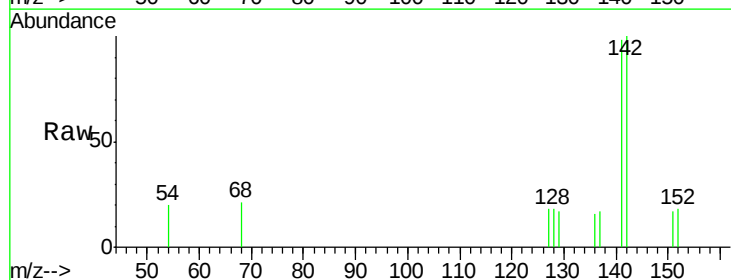


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

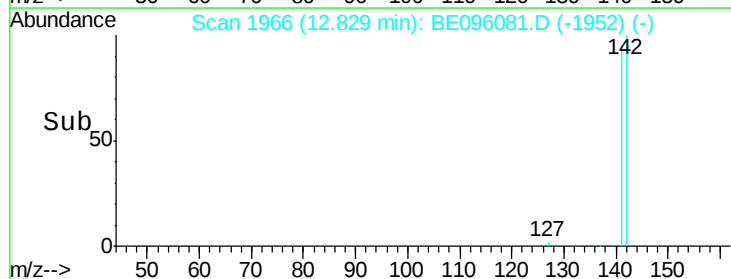
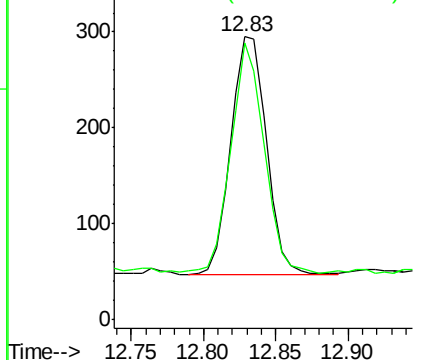


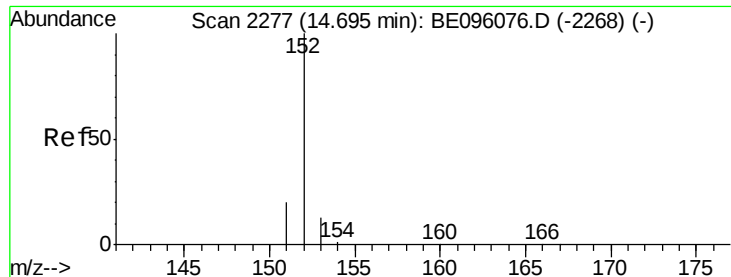
#5
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.83 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BE096081.D
Acq: 23 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	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: 0.156 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

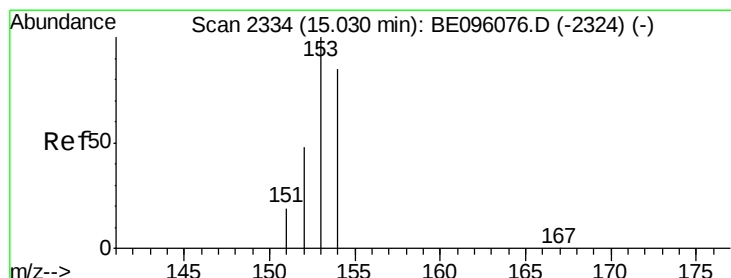
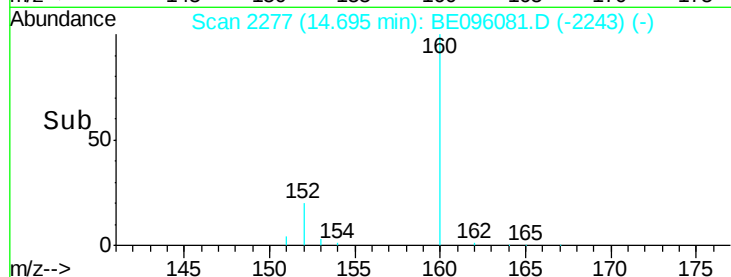
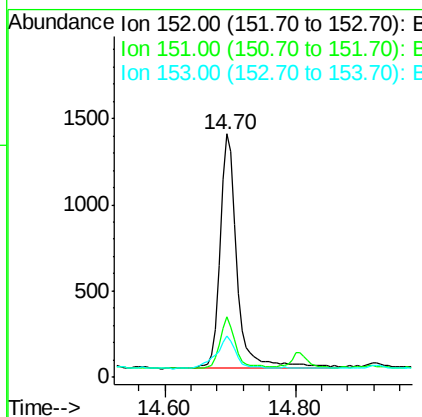
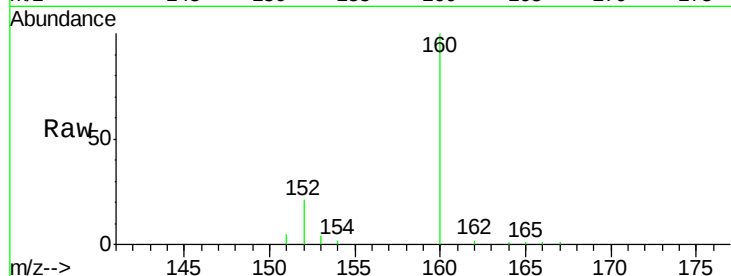
ClientSampleId :

A3Y33

Tot Ion:	152	Resp:	2452
Ion Ratio	Lower	Upper	
152	100		
151	24.7	17.1	25.7
153	17.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.076 ng/ul

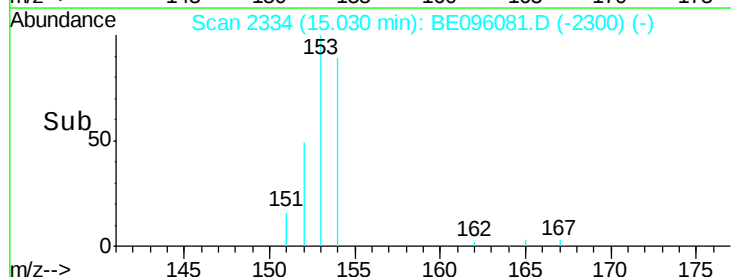
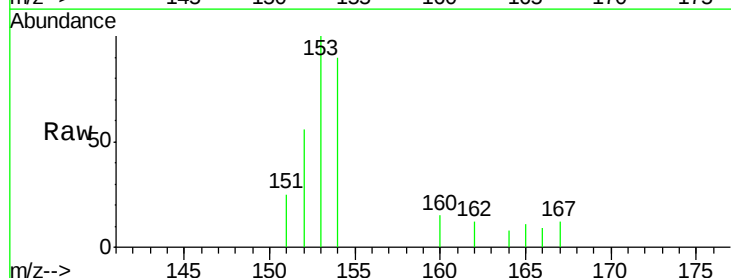
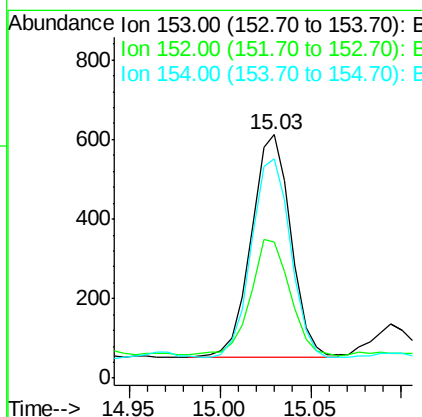
RT: 15.03 min Scan# 2334

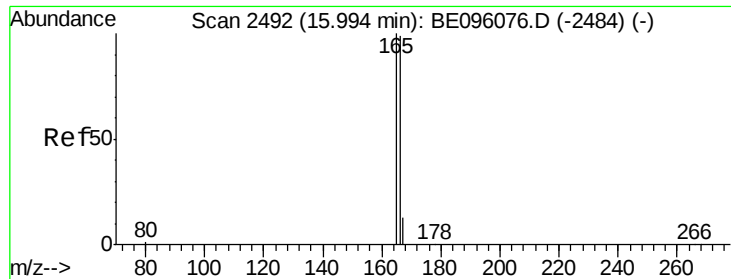
Delta R.T. 0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Tgt Ion:	153	Resp:	859
Ion Ratio	Lower	Upper	
153	100		
152	56.0	36.0	54.0#
154	89.9	72.0	108.0





#9

Fluorene

Concen: 0.090 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

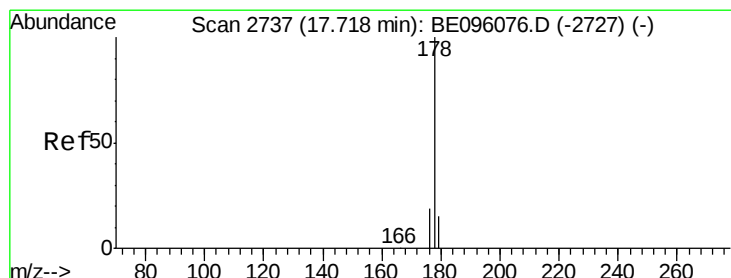
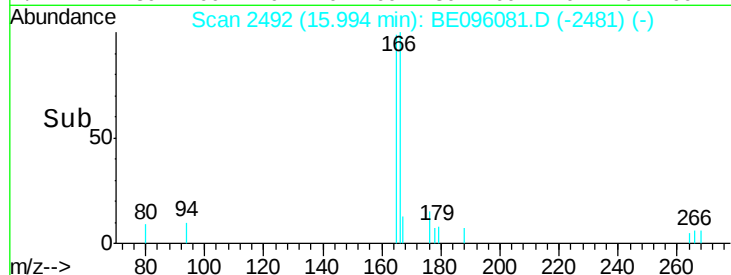
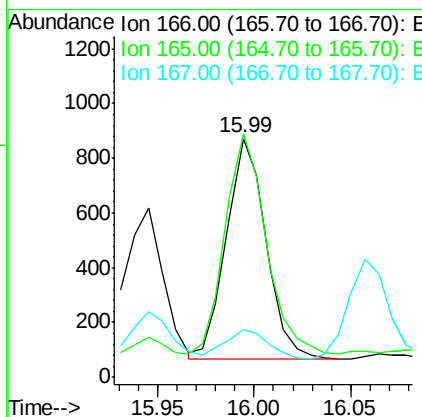
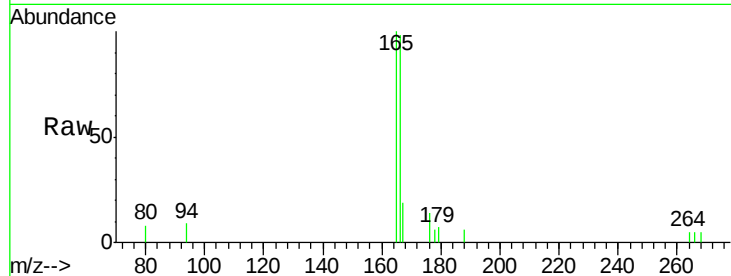
ClientSampled :

A3Y33

Tot Ion:	166	Resp:	1153
Ion Ratio	Lower	Upper	
166	100		
165	101.9	73.4	110.2
167	19.8	14.6	22.0

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#12

Phenanthrene

Concen: 1.184 ng/ul m

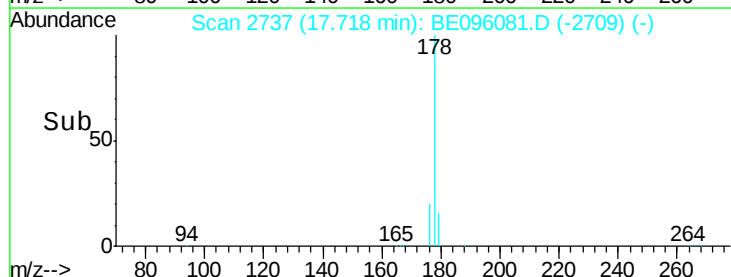
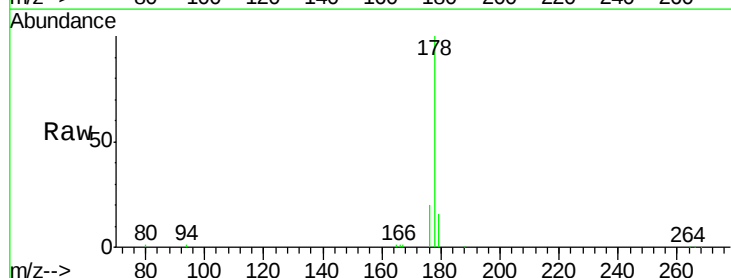
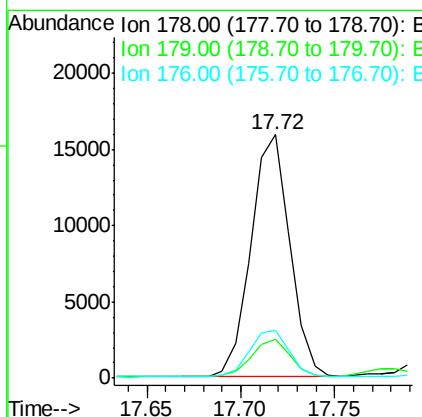
RT: 17.72 min Scan# 2737

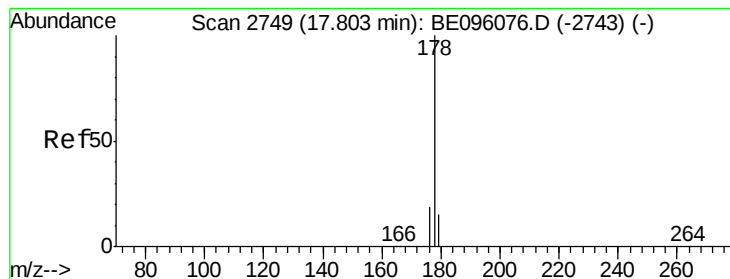
Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Tgt Ion:	178	Resp:	22840
Ion Ratio	Lower	Upper	
178	100		
179	16.0	18.4	27.6#
176	19.8	13.6	20.4





#13

Anthracene

Concen: 0.329 ng/ul m

RT: 17.80 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

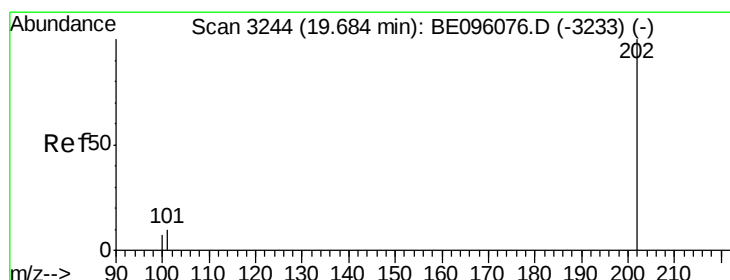
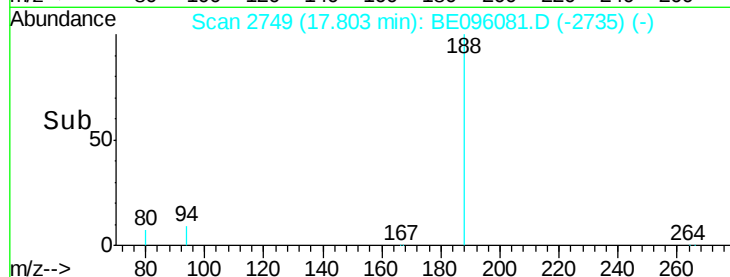
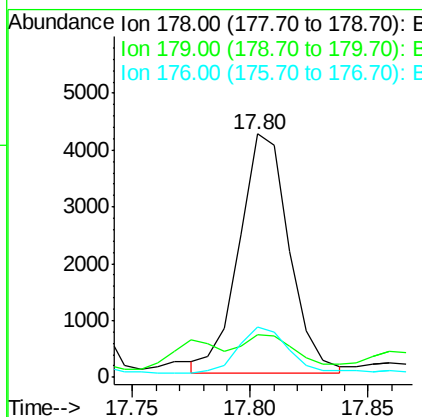
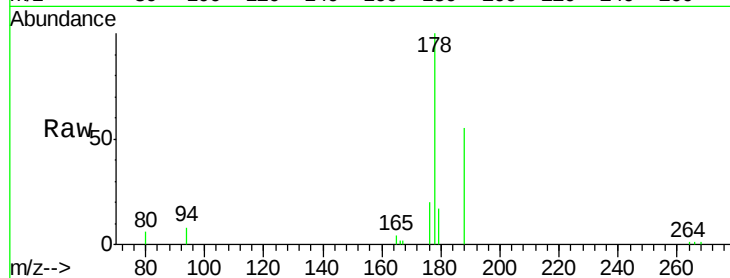
ClientSampleId :

A3Y33

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	20.5	14.7	22.1

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#15

Fluoranthene

Concen: 2.249 ng/ul m

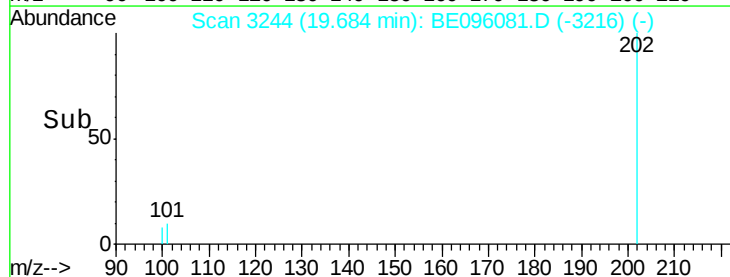
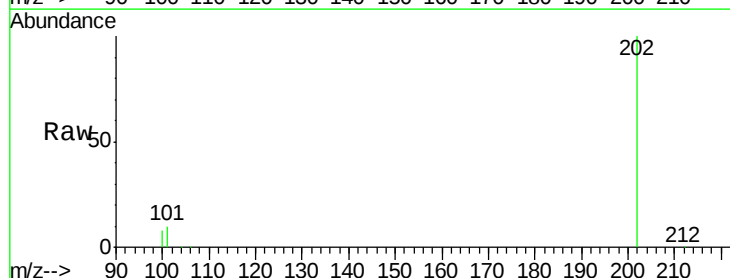
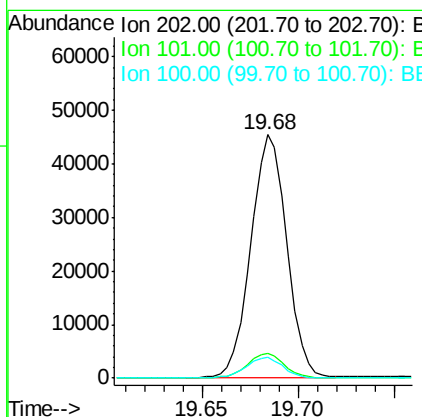
RT: 19.68 min Scan# 3244

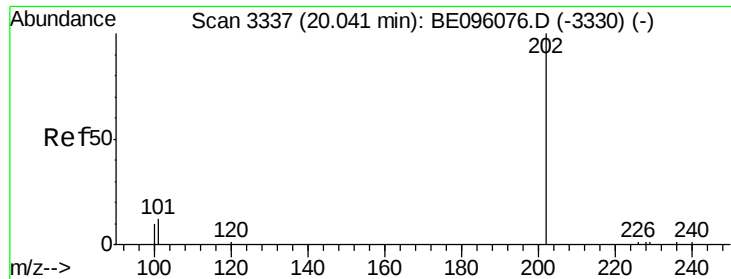
Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.4	0.0	39.5





#17

Pvrene

Concen: 2.779 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. 0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

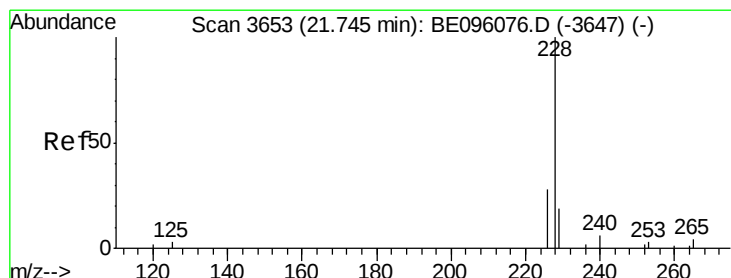
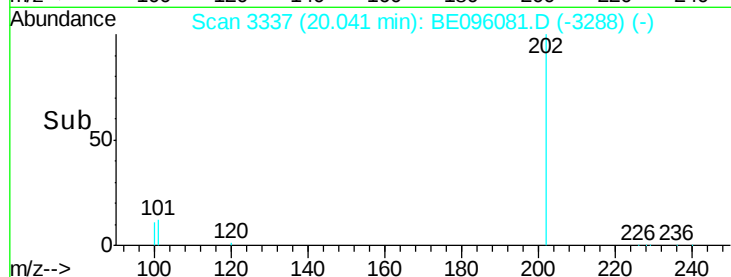
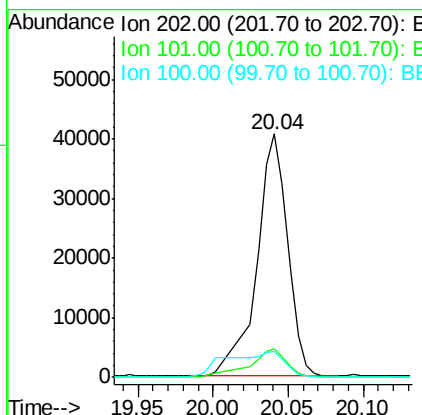
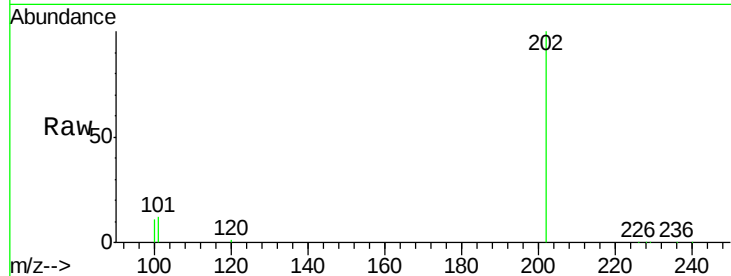
ClientSampled :

A3Y33

Tot Ion:	202	Resp:	58409
Ion Ratio	Lower	Upper	
202	100		
101	11.8	18.2	27.4#
100	10.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.295 ng/ul m

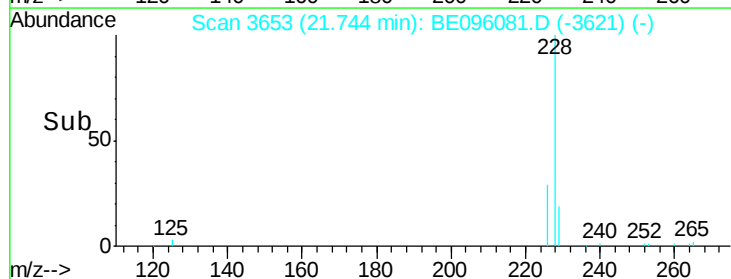
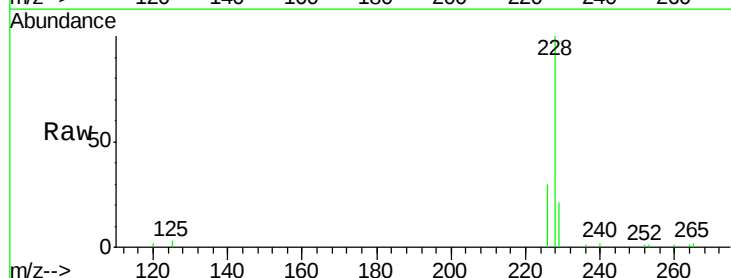
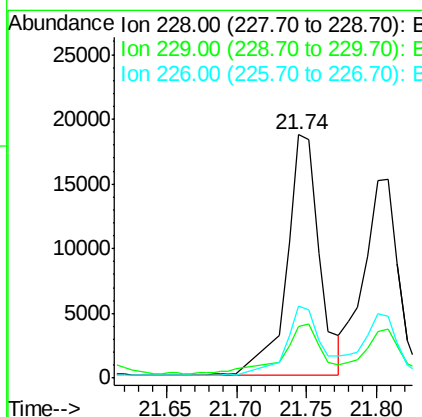
RT: 21.74 min Scan# 3653

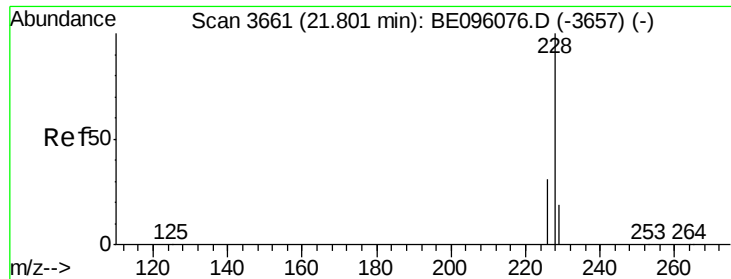
Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Tgt Ion:	228	Resp:	32359
Ion Ratio	Lower	Upper	
228	100		
229	21.2	22.8	34.2#
226	29.6	17.0	25.6#





#19

Chrysene

Concen: 1.441 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.01 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

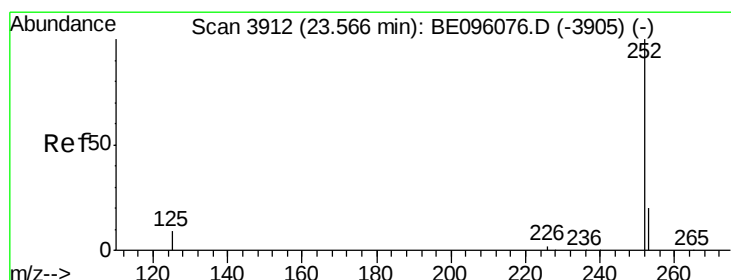
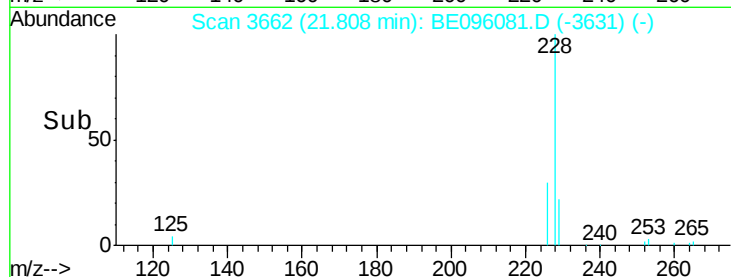
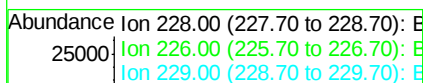
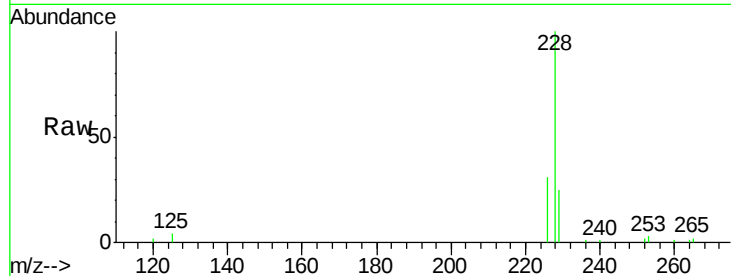
ClientSampled :

A3Y33

Tot Ion:	228	Resp:	25915
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.0
229	24.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.383 ng/ul m

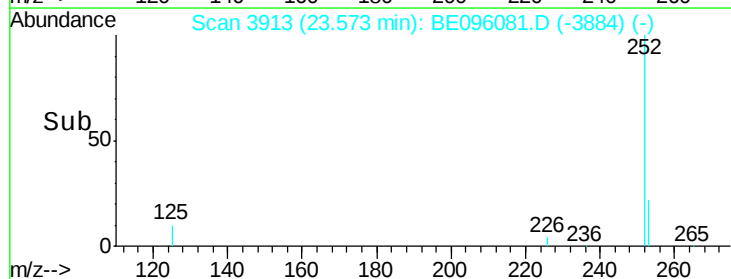
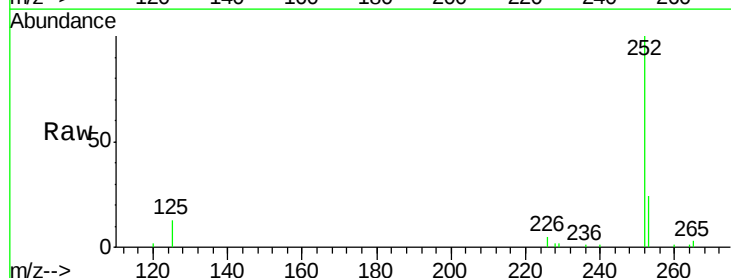
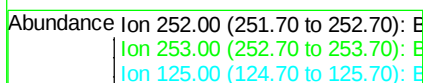
RT: 23.57 min Scan# 3913

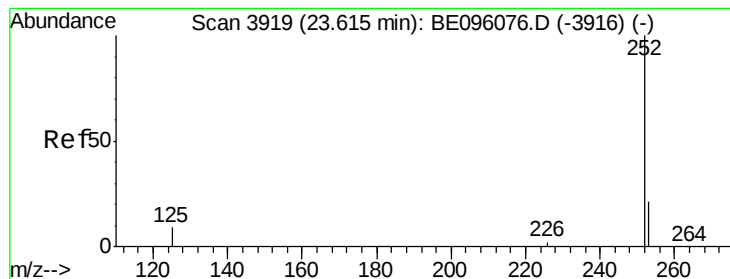
Delta R.T. 0.01 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Tgt Ion:	252	Resp:	34876
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	13.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.402 ng/ul m

RT: 23.61 min Scan# 3919

Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

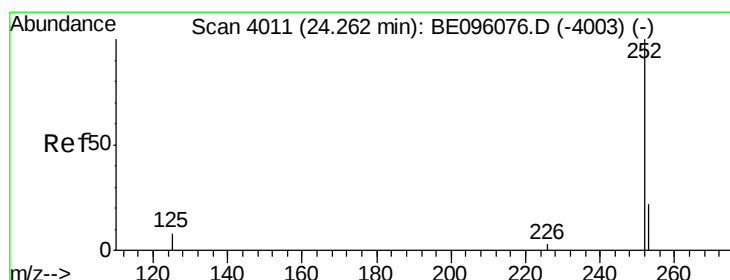
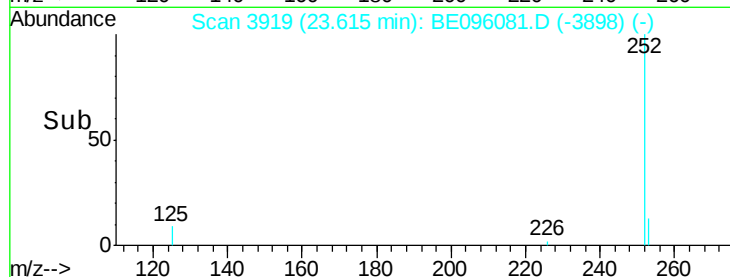
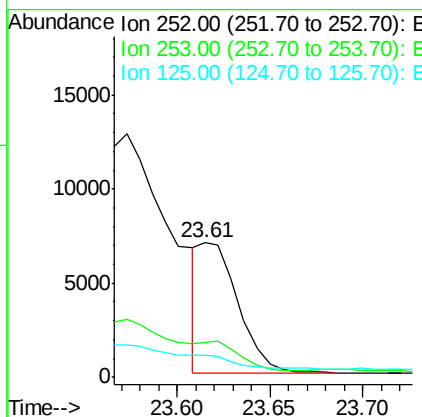
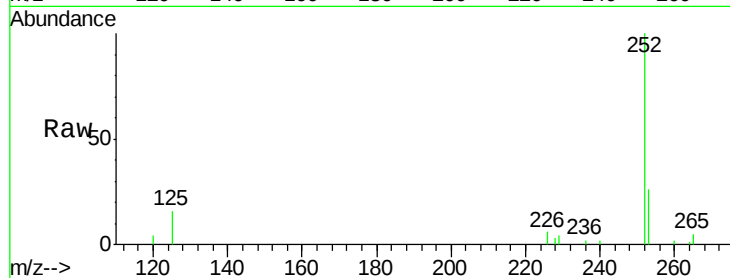
ClientSampleId :

A3Y33

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	24.5	36.7
125	16.1	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.081 ng/ul

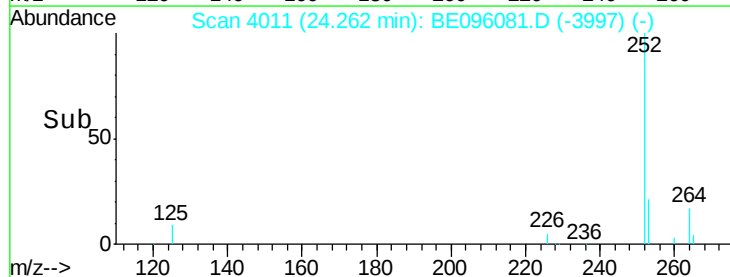
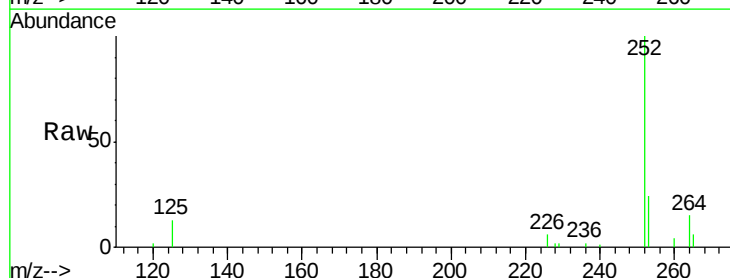
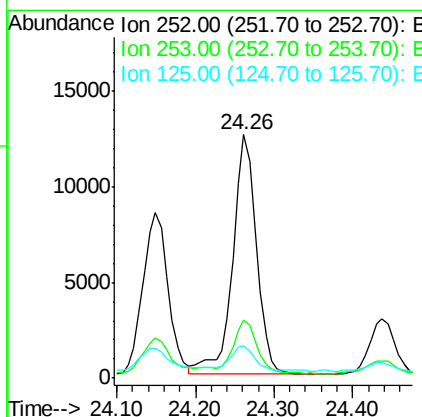
RT: 24.26 min Scan# 4011

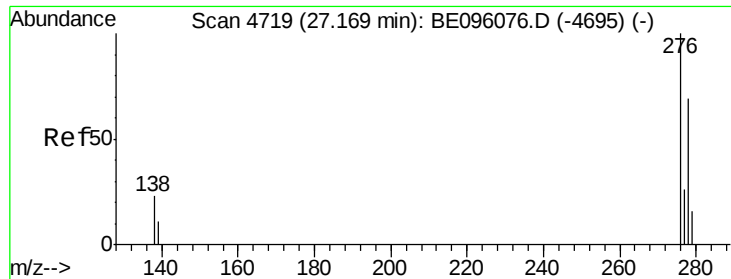
Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	13.4	18.1	27.1#





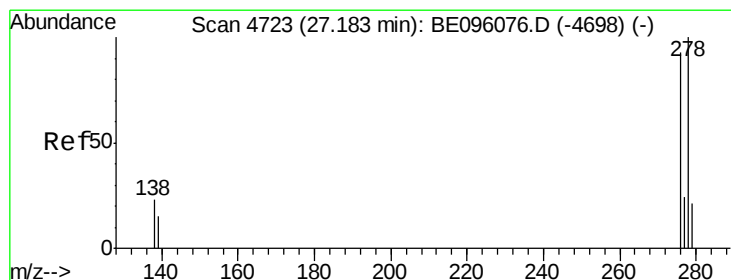
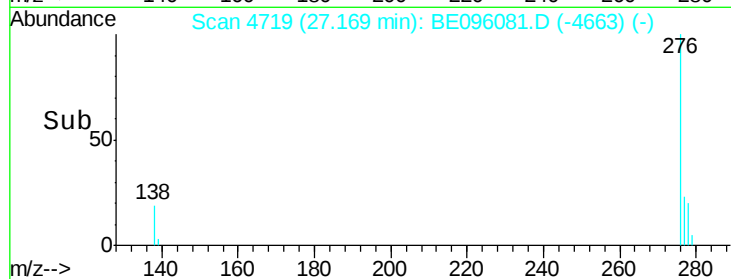
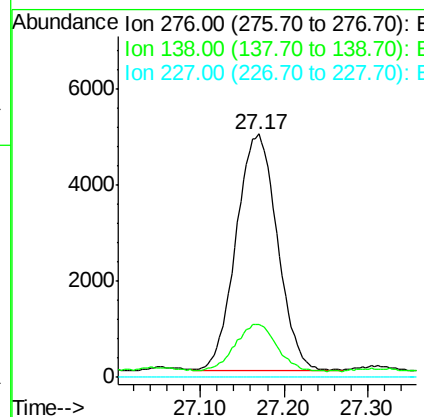
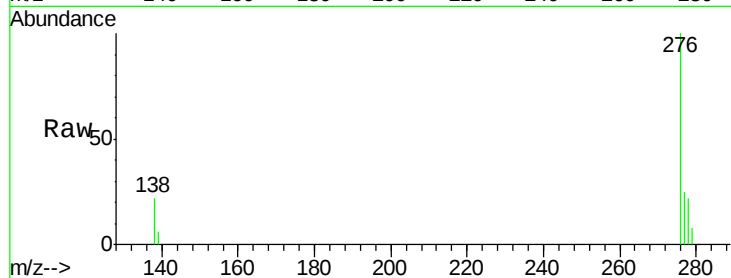
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.624 ng/ul
 RT: 27.17 min Scan# 4719
 Delta R.T. 0.00 min
 Lab File: BE096081.D
 Acq: 23 Apr 2018 12:48

Instrument :
 BNA_E
 ClientSampleId :
 A3Y33

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	28.0	42.0#
227	0.0	8.0	12.0#

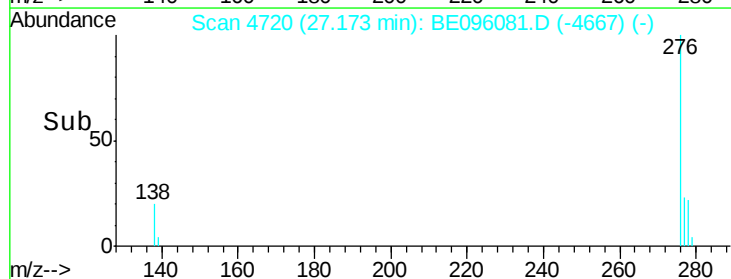
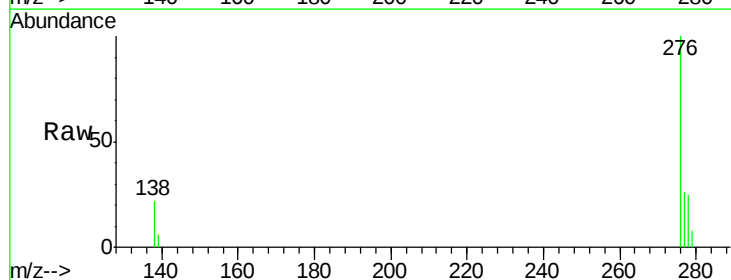
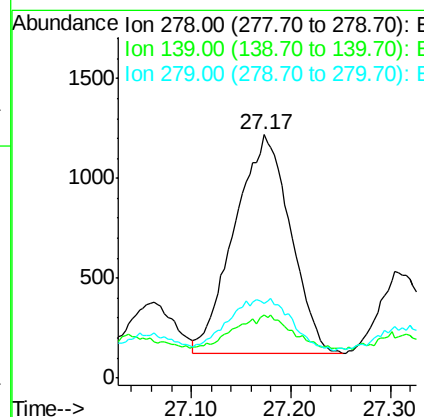
Manual Integrations
 APPROVED

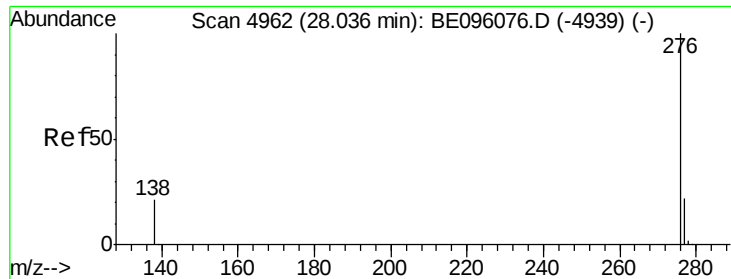
Sohil
 4/24/2018 7:09:48 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.197 ng/ul
 RT: 27.17 min Scan# 4720
 Delta R.T. -0.01 min
 Lab File: BE096081.D
 Acq: 23 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	17.4	26.0
279	30.6	25.9	38.9





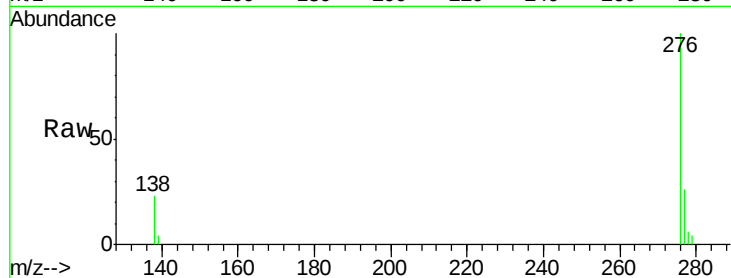
#26
 Benzo(a,h,i)perylene
 Concen: 0.578 ng/ul
 RT: 28.04 min Scan# 4962
 Delta R.T. 0.00 min
 Lab File: BE096081.D
 Acq: 23 Apr 2018 12:48

Instrument :
 BNA_E
 ClientSampleId :
 A3Y33

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.8	32.8
277	25.9	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:48 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

