

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
 Data File : BE097396.D
 Acq On : 29 Aug 2018 19:15
 Operator : SJ/JU
 Sample : J4596-11DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z34DL

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:54 PM

Quant Time: Aug 30 03:41:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 02:12:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	822	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2656	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7626	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9925	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9034m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	285	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1128	0.04	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.17	128	3045	0.301	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1327	0.207	ng/ul	98
7) Acenaphthylene	13.73	152	462	0.048	ng/ul#	68
8) Acenaphthene	14.07	153	1348	0.162	ng/ul	95
9) Fluorene	15.07	166	3067	0.322	ng/ul	98
12) Phenanthrene	16.80	178	34334	1.749	ng/ul#	89
13) Anthracene	16.89	178	4997	0.303	ng/ul#	93
15) Fluoranthene	18.83	202	39066	1.549	ng/ul	83
17) Pyrene	19.20	202	39338	1.473	ng/ul#	79
18) Benzo(a)anthracene	20.95	228	16159	0.634	ng/ul#	86
19) Chrysene	21.01	228	17688	0.602	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	21164m	0.875	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	7281m	0.270	ng/ul	
23) Benzo(a)pyrene	23.10	252	16313	0.729	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.49	276	9965	0.344	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.50	278	2598	0.106	ng/ul#	88
26) Benzo(g,h,i)perylene	26.18	276	9802	0.396	ng/ul#	93

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

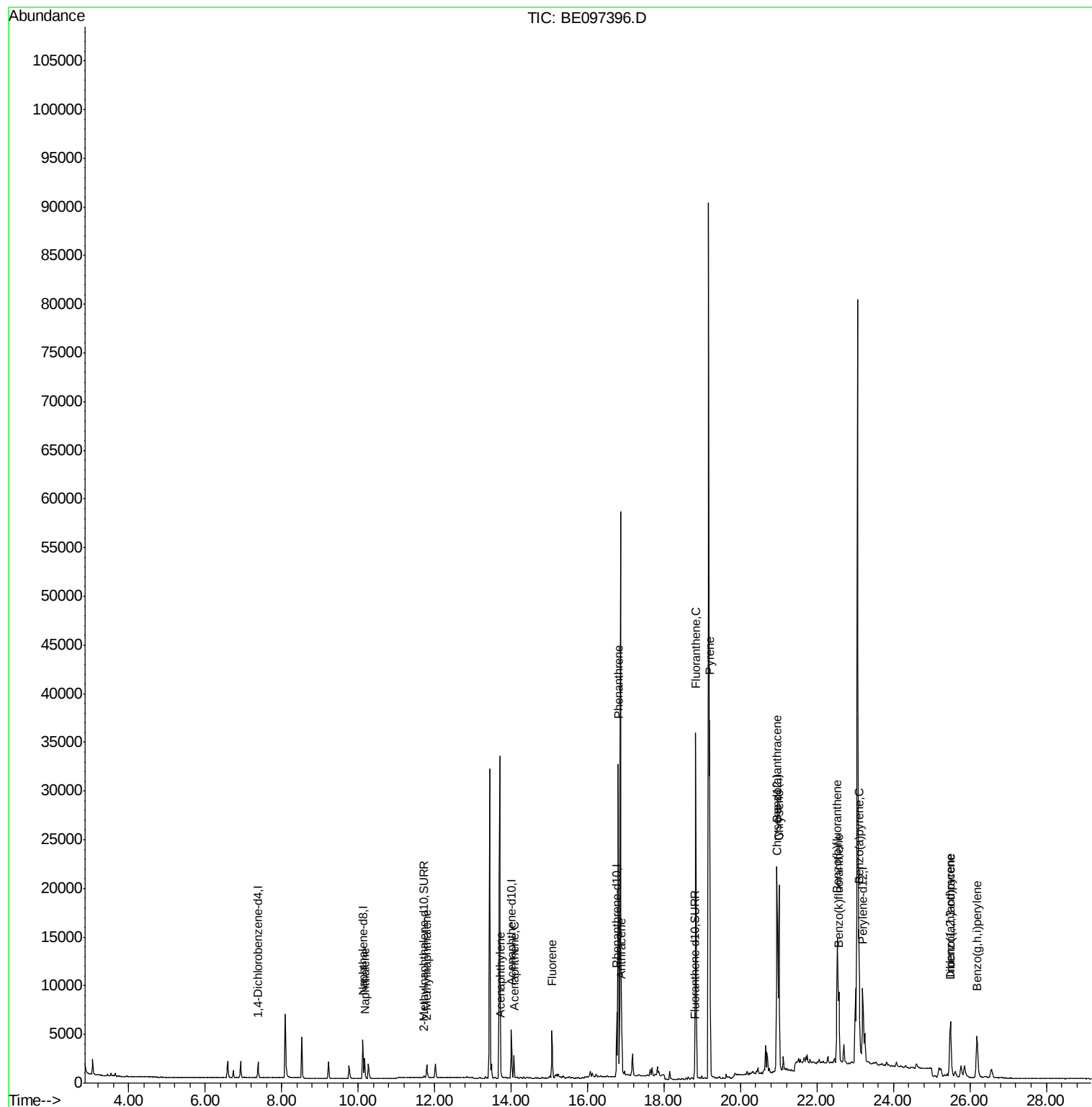
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
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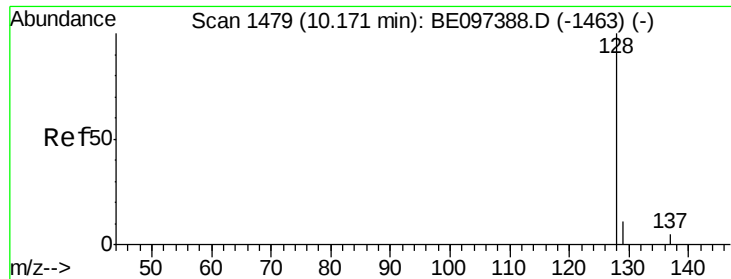
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
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#3

Naphthalene

Concen: 0.301 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Instrument :

BNA_E

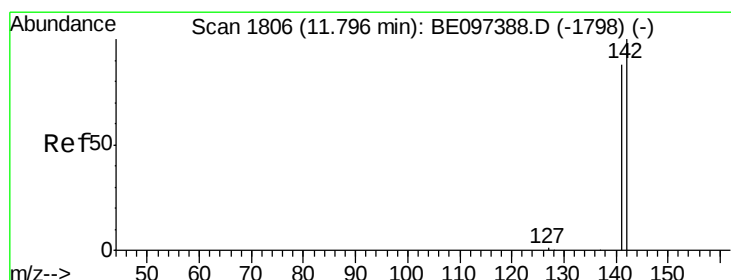
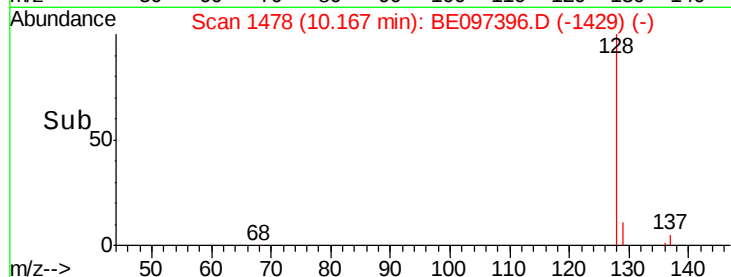
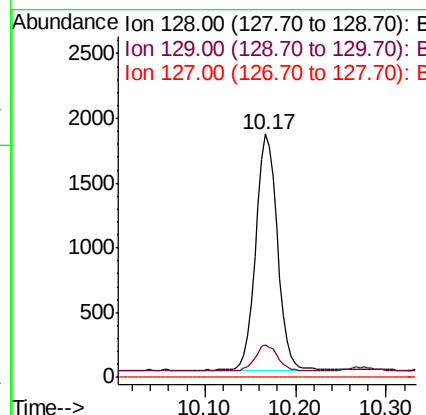
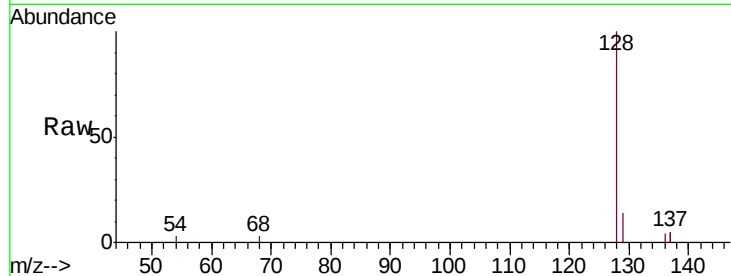
ClientSampled :

A3Z34DL

Tgt Ion:	128	Resp:	3045
Ion Ratio	Lower	Upper	
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.207 ng/ul

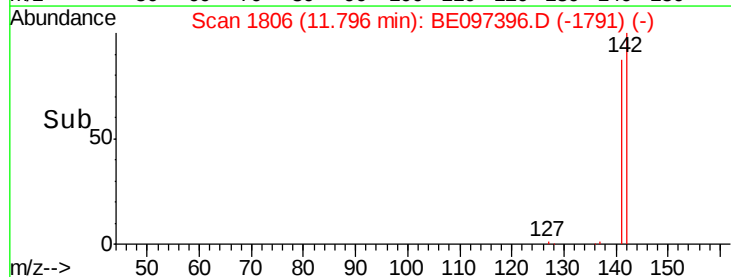
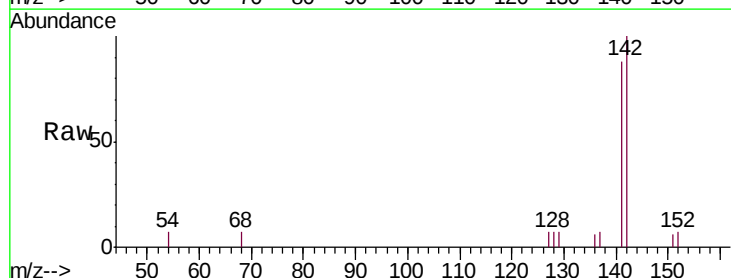
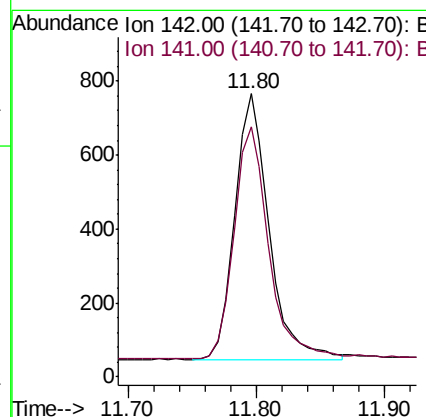
RT: 11.80 min Scan# 1806

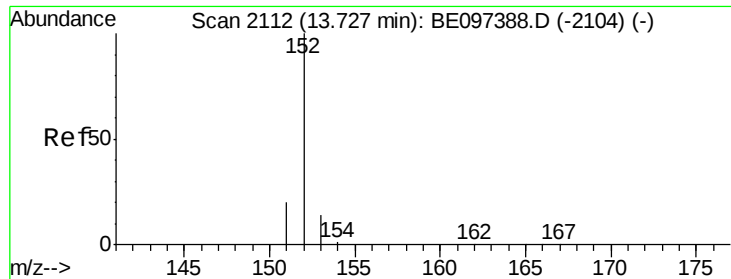
Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Tgt Ion:	142	Resp:	1327
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Instrument :

BNA_E

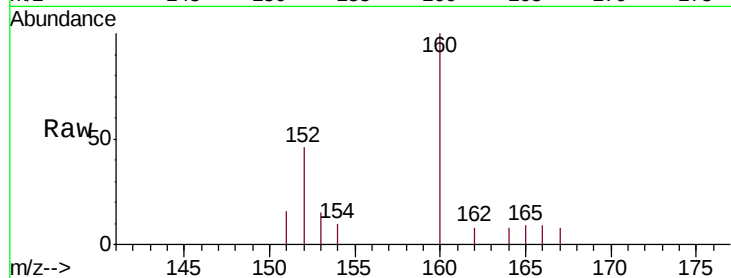
ClientSampleId :

A3Z34DL

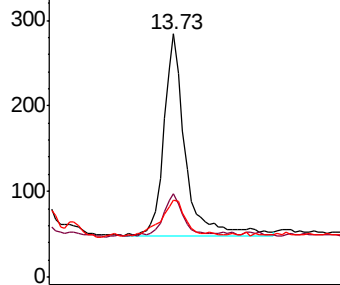
Tgt Ion:	152	Resp:	462
Ion Ratio	Lower	Upper	
152	100		
151	34.5	17.1	25.7#
153	31.7	12.8	19.2#

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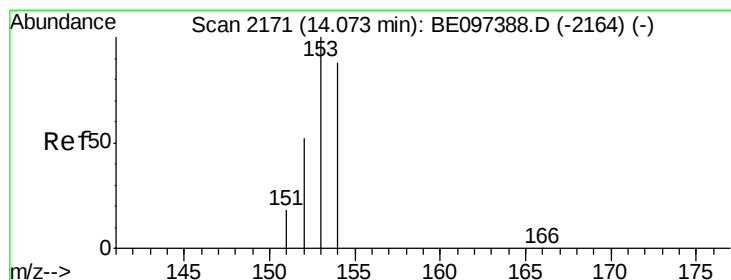
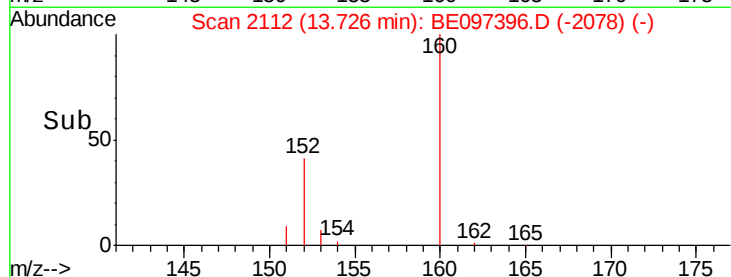
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.162 ng/ul

RT: 14.07 min Scan# 2171

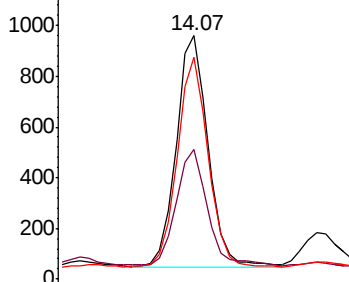
Delta R.T. -0.00 min

Lab File: BE097396.D

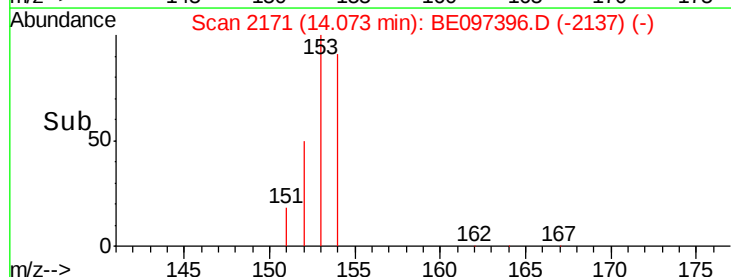
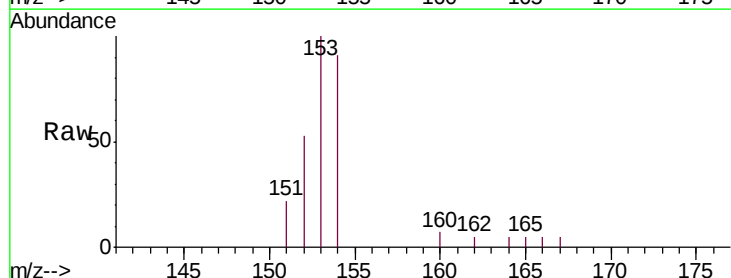
Acq: 29 Aug 2018 19:15

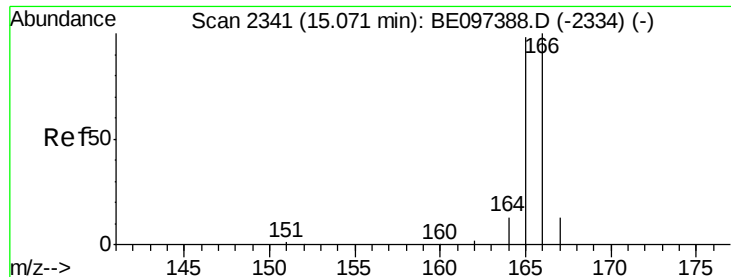
Tgt Ion:	153	Resp:	1348
Ion Ratio	Lower	Upper	
153	100		
152	53.3	36.0	54.0
154	90.9	72.0	108.0

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.322 ng/ul

RT: 15.07 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Instrument :

BNA_E

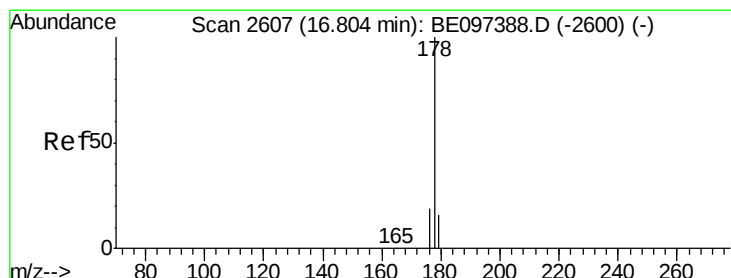
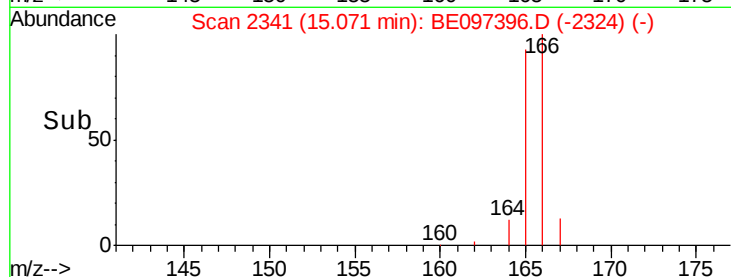
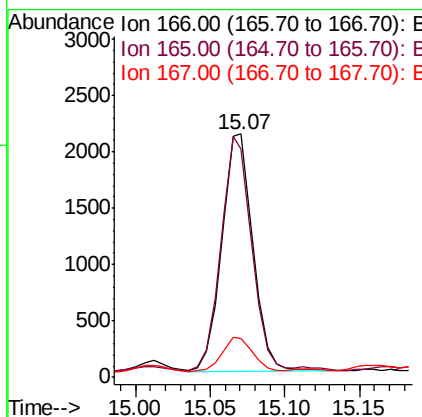
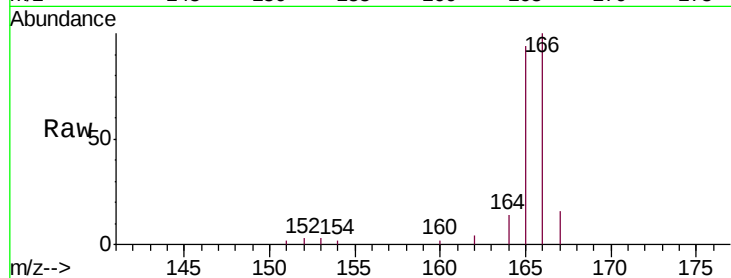
ClientSampleId :

A3Z34DL

Tgt Ion:	166	Resp:	3067
Ion Ratio	Lower	Upper	
166	100		
165	93.6	73.4	110.2
167	15.9	14.6	22.0

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#12

Phenanthrene

Concen: 1.749 ng/ul

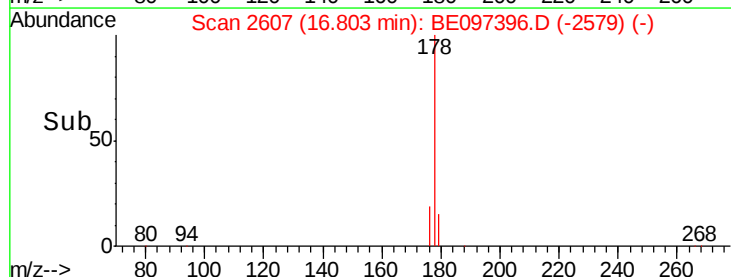
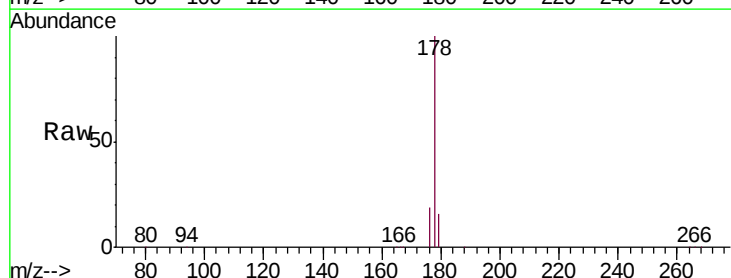
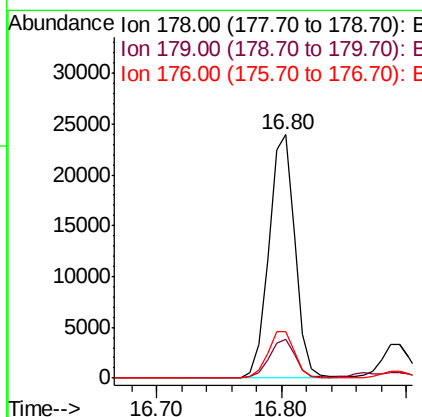
RT: 16.80 min Scan# 2607

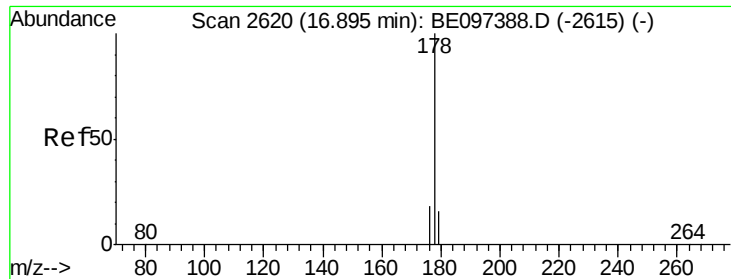
Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Tgt Ion:	178	Resp:	34334
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	18.9	13.6	20.4





#13

Anthracene

Concen: 0.303 ng/ul

RT: 16.89 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Instrument :

BNA_E

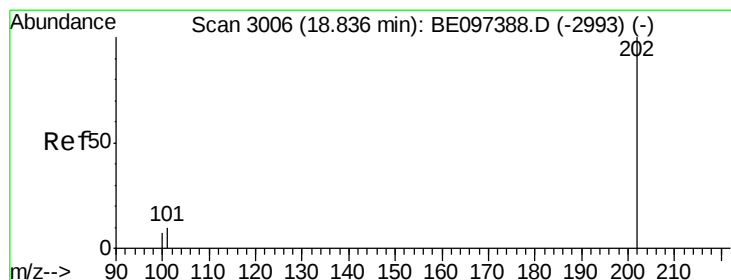
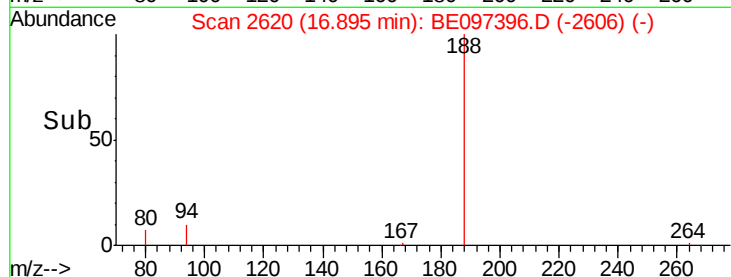
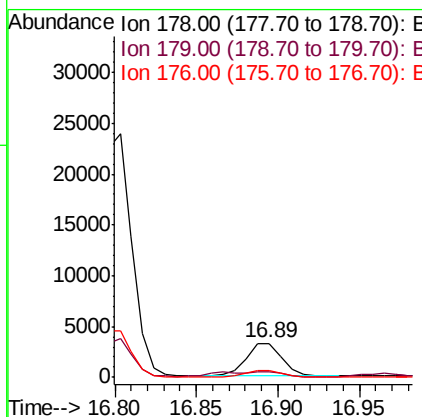
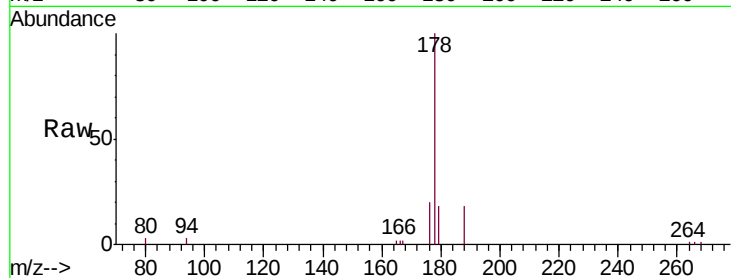
ClientSampleId :

A3Z34DL

Tgt Ion:	178	Resp:	4997
Ion Ratio	Lower	Upper	
178	100		
179	17.7	18.1	27.1#
176	19.8	14.7	22.1

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#15

Fluoranthene

Concen: 1.549 ng/ul

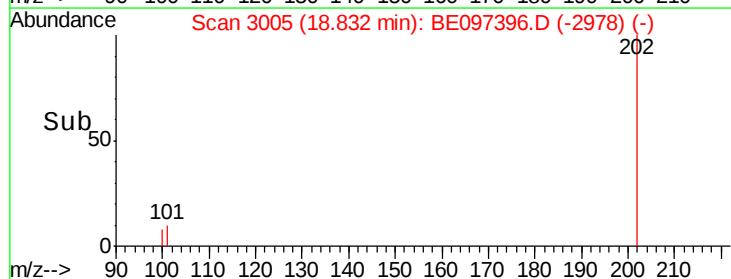
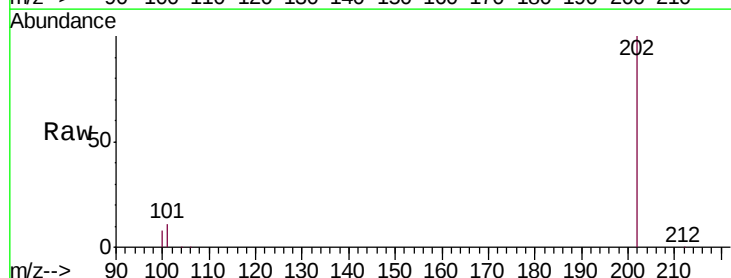
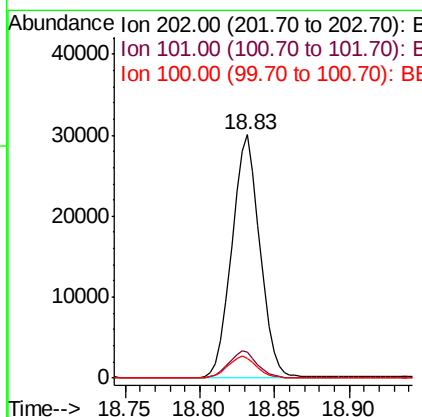
RT: 18.83 min Scan# 3005

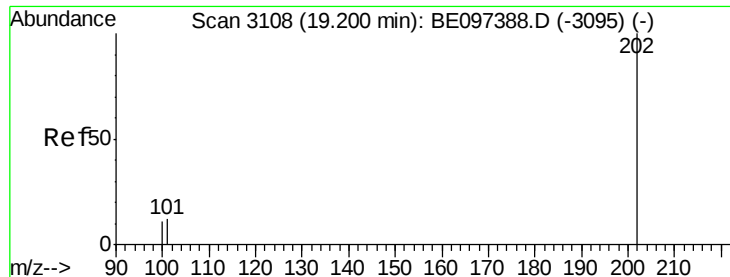
Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Tgt Ion:	202	Resp:	39066
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.3
100	8.2	0.0	39.5





#17

Pyrene

Concen: 1.473 ng/ul

RT: 19.20 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Instrument :

BNA_E

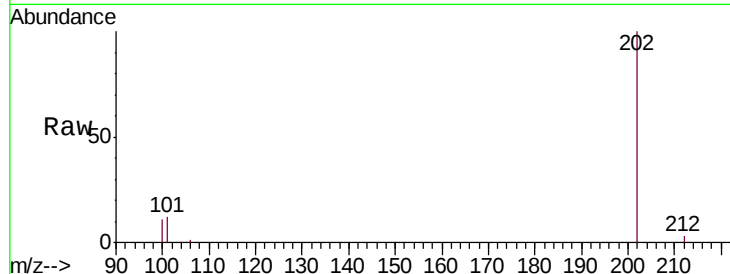
ClientSampleId :

A3Z34DL

Tgt Ion:	202	Resp:	39338
Ion Ratio	Lower	Upper	
202	100		
101	12.3	18.2	27.4#
100	10.6	15.6	23.4#

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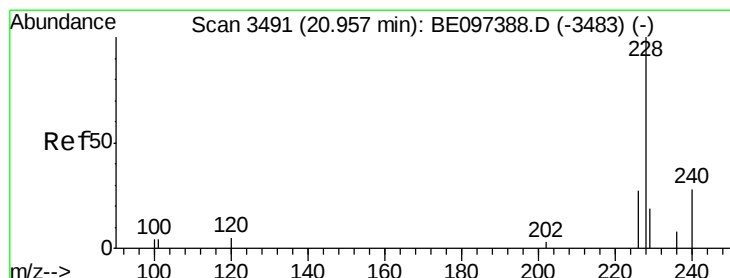
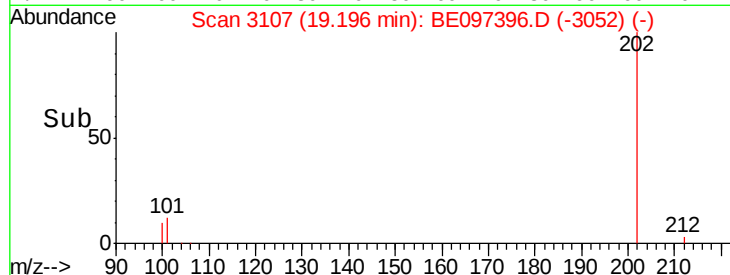
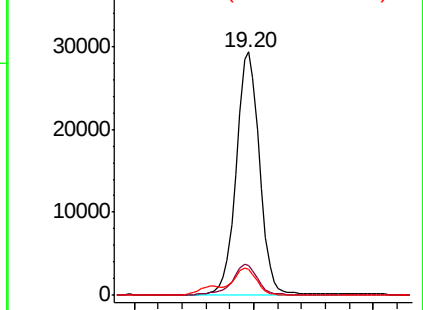
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#18

Benzo(a)anthracene

Concen: 0.634 ng/ul

RT: 20.95 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BE097396.D

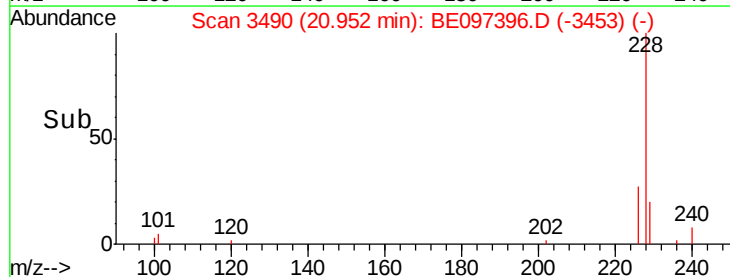
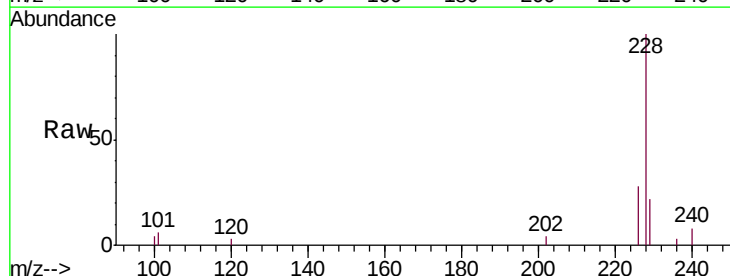
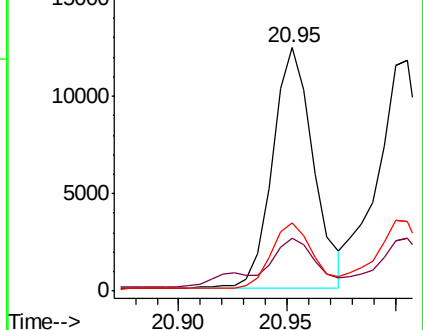
Acq: 29 Aug 2018 19:15

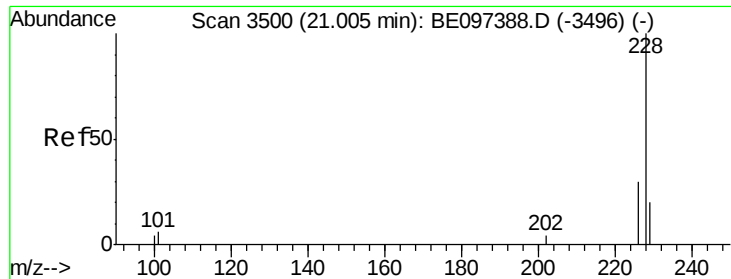
Tgt Ion:	228	Resp:	16159
Ion Ratio	Lower	Upper	
228	100		
229	21.5	22.8	34.2#
226	27.9	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.602 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Instrument :

BNA_E

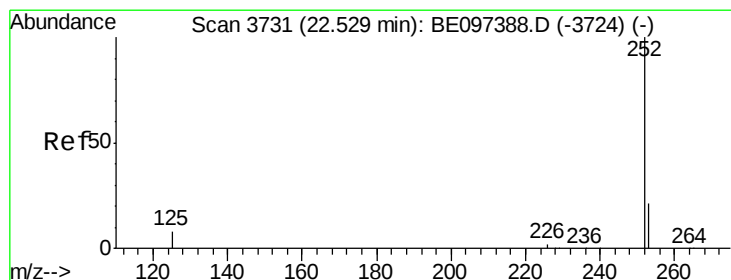
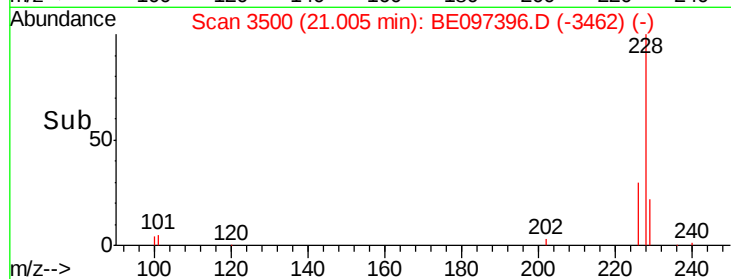
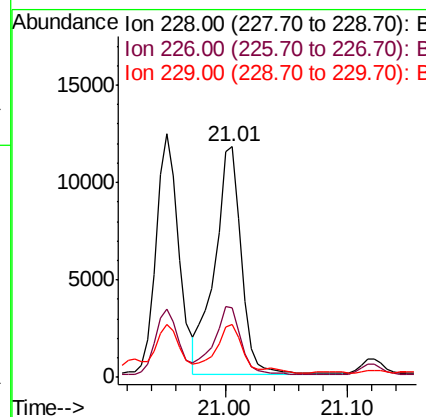
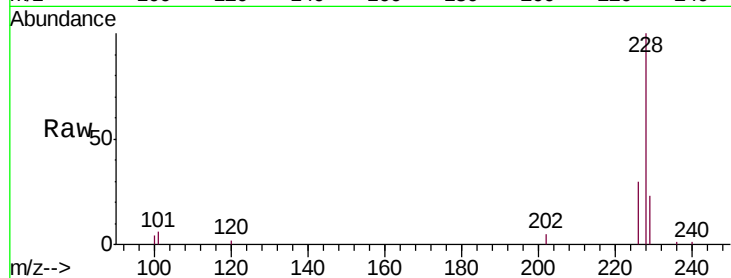
ClientSampleId :

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Tgt Ion:	228	Resp:	17688
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	23.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.875 ng/ul m

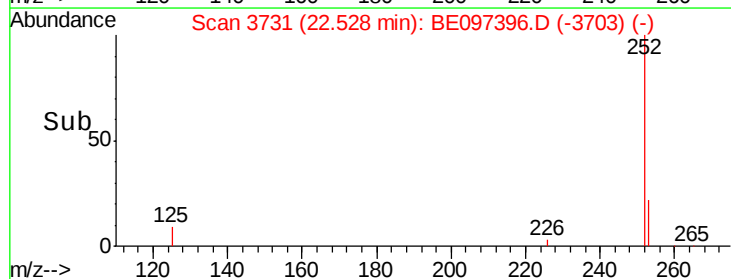
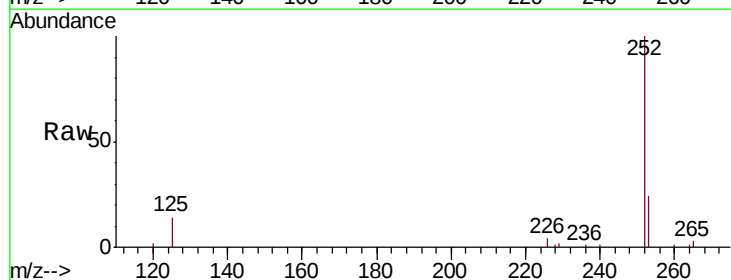
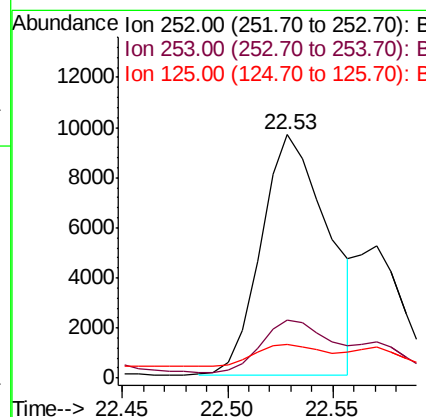
RT: 22.53 min Scan# 3731

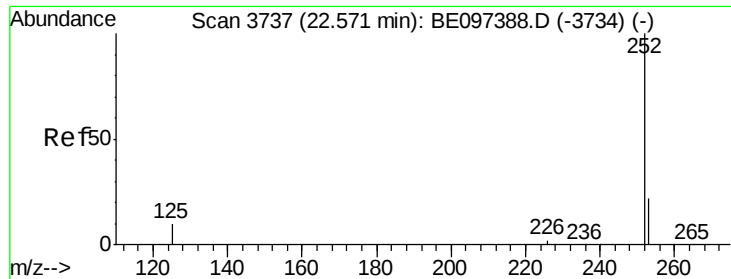
Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Tgt Ion:	252	Resp:	21164
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	64.2
125	13.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.270 ng/ul m

RT: 22.57 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Instrument :

BNA_E

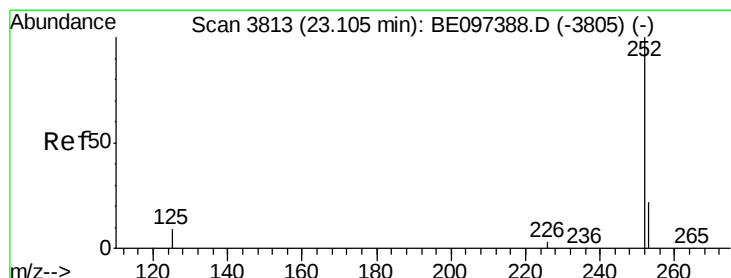
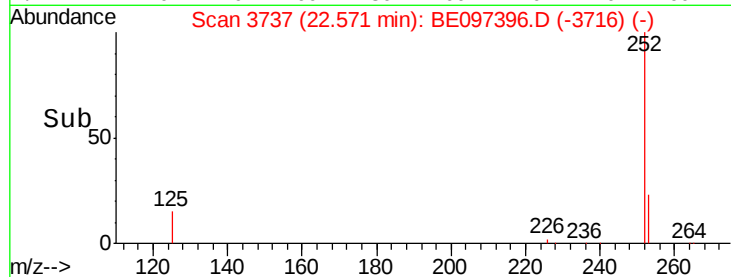
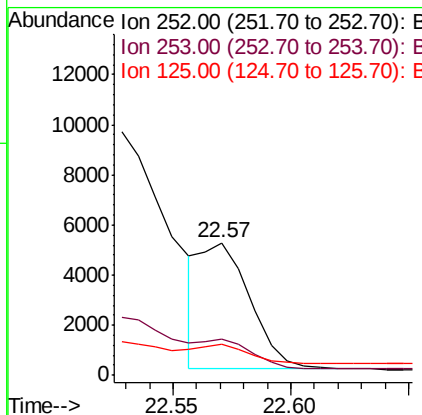
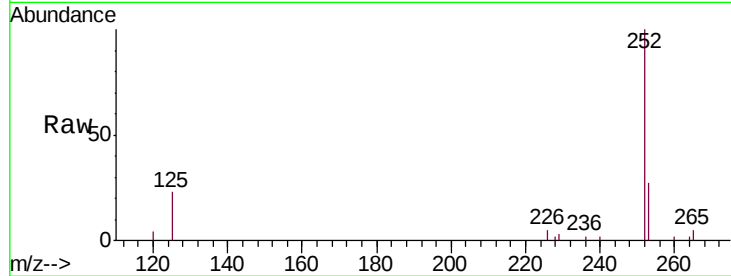
ClientSampleId :

A3Z34DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	24.5	36.7
125	23.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.729 ng/ul

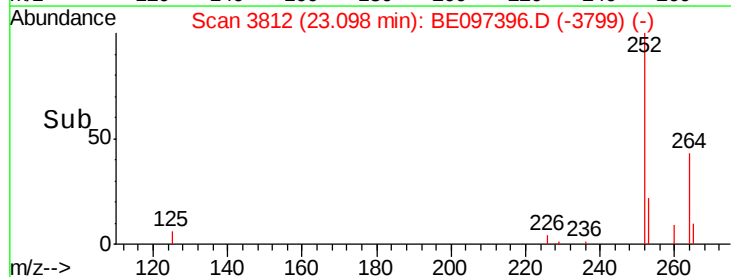
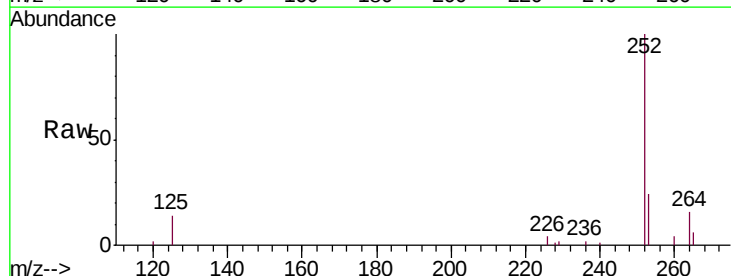
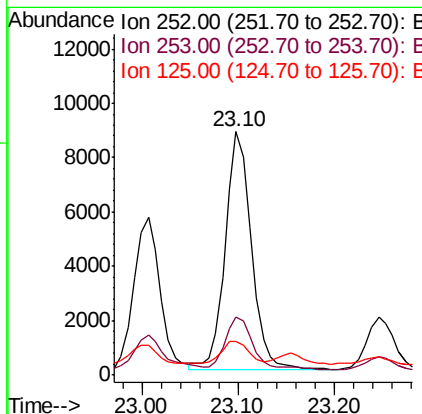
RT: 23.10 min Scan# 3812

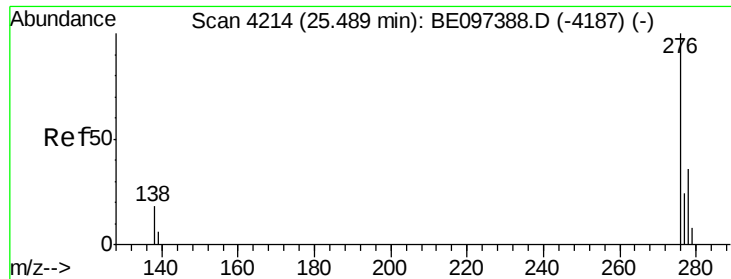
Delta R.T. -0.01 min

Lab File: BE097396.D

Acq: 29 Aug 2018 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	14.0	18.1	27.1#





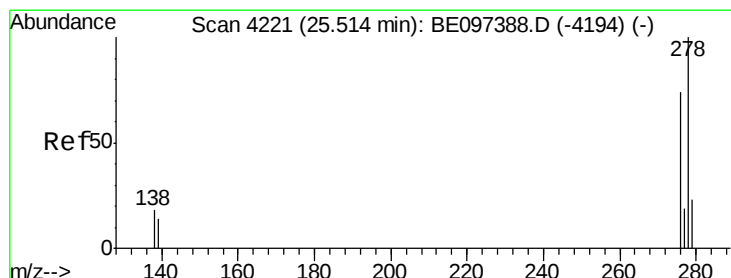
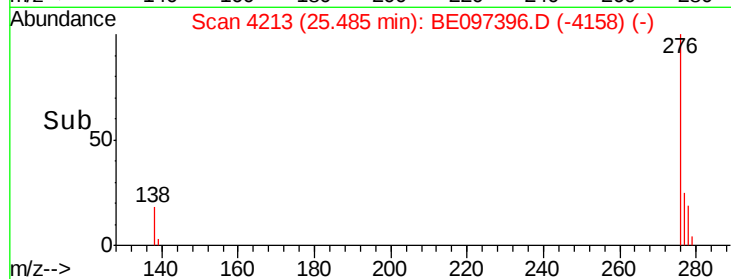
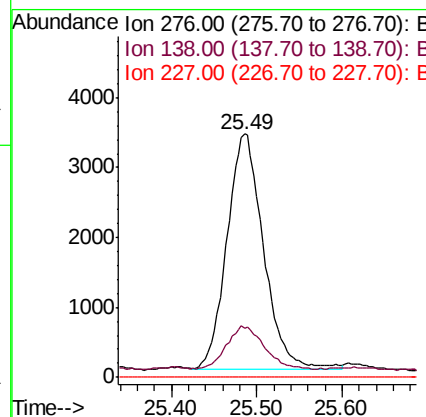
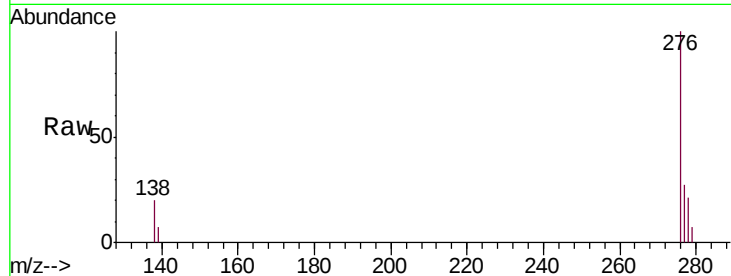
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.344 ng/ul
 RT: 25.49 min Scan# 4213
 Delta R.T. -0.00 min
 Lab File: BE097396.D
 Acq: 29 Aug 2018 19:15

Instrument :
 BNA_E
 ClientSampleId :
 A3Z34DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	9965		
138	18.7		28.0	42.0#
227	0.0		8.0	12.0#

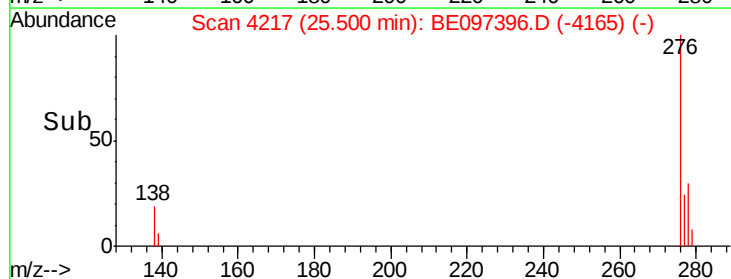
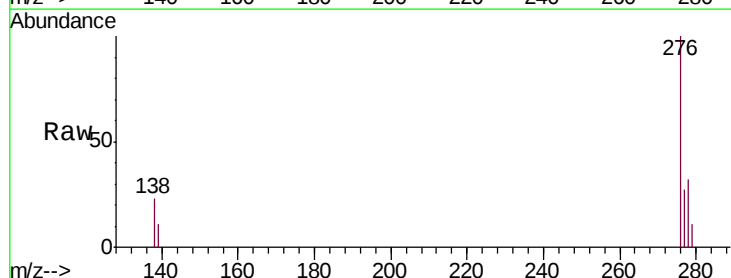
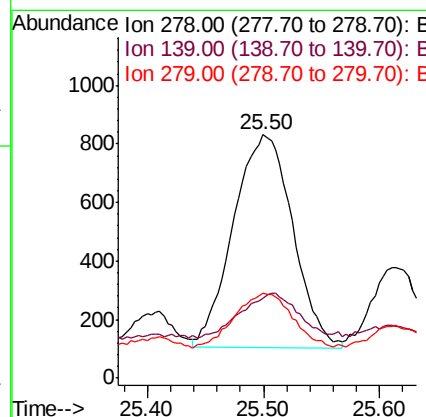
Manual Integrations
 APPROVED

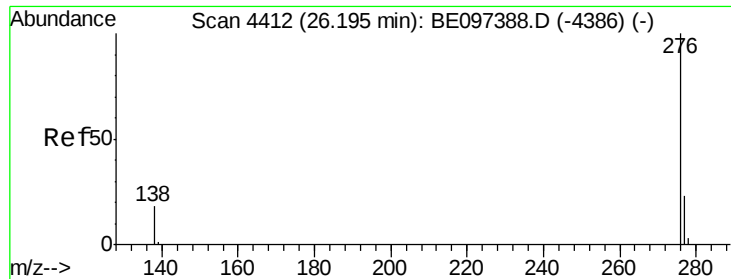
Sohil
 8/30/2018 5:36:54 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.106 ng/ul
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097396.D
 Acq: 29 Aug 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2598		
139	32.7		17.4	26.0#
279	34.6		25.9	38.9





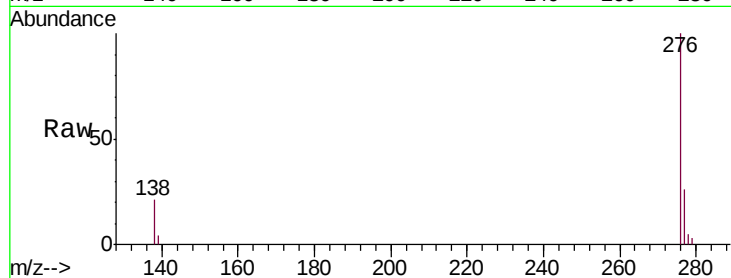
#26
 Benzo(g,h,i)perylene
 Concen: 0.396 ng/ul
 RT: 26.18 min Scan# 4408
 Delta R.T. -0.01 min
 Lab File: BE097396.D
 Acq: 29 Aug 2018 19:15

Instrument :
 BNA_E
 ClientSampleId :
 A3Z34DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	21.8	32.8#
277	25.8	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:54 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

