

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097464.D
 Acq On : 12 Sep 2018 23:20
 Operator : SJ/JU
 Sample : J4792-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:31 PM

Quant Time: Sep 13 02:59:02 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 Sep 13 01:51:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6113	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4366	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10023m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10824m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11854m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1930	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6508m	0.20	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.17	128	17294	1.160	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	6647	0.706	ng/ul	97
7) Acenaphthylene	13.72	152	6080	0.382	ng/ul	98
8) Acenaphthene	14.07	153	9703	0.709	ng/ul	97
9) Fluorene	15.07	166	10437	0.666	ng/ul	93
12) Phenanthrene	16.80	178	209395m	8.116	ng/ul	
13) Anthracene	16.89	178	39883m	1.839	ng/ul	
15) Fluoranthene	18.83	202	295036m	8.901	ng/ul	
17) Pyrene	19.20	202	286241	9.827	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	163362m	5.875	ng/ul	
19) Chrysene	21.01	228	197524	6.166	ng/ul	95
21) Benzo(b)fluoranthene	22.54	252	198285m	6.246	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	57249m	1.617	ng/ul	
23) Benzo(a)pyrene	23.12	252	134648m	4.585	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	95914m	2.520	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	32240m	1.000	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	92855	2.861	ng/ul#	93

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

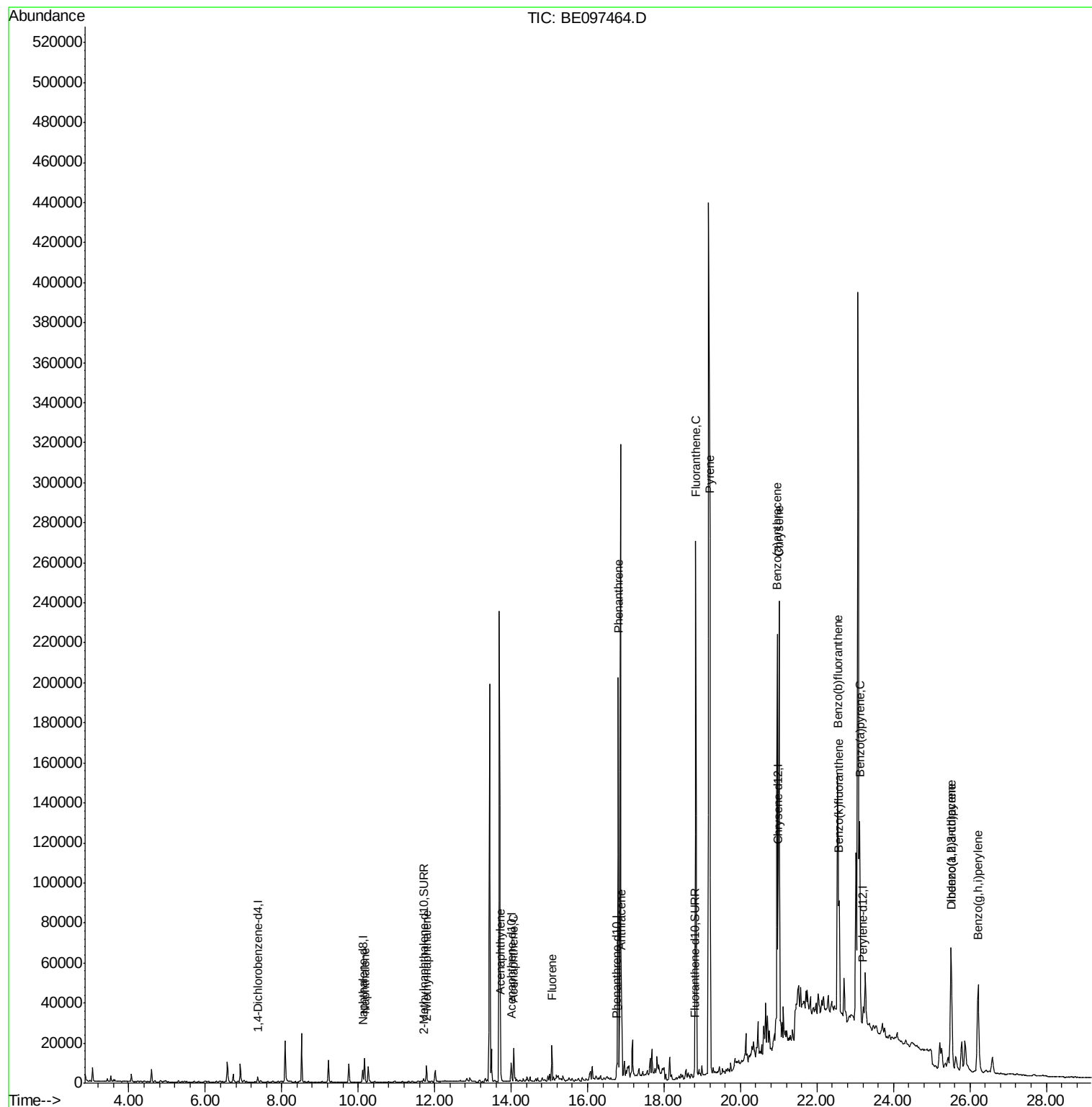
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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ALS Vial : 18 Sample Multiplier: 1

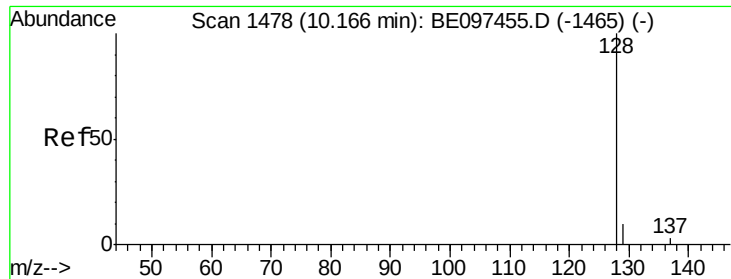
Instrument :
BNA_E
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A3YY9

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Quant Time: Sep 13 02:59:02 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 Sep 13 01:51:24 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.160 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

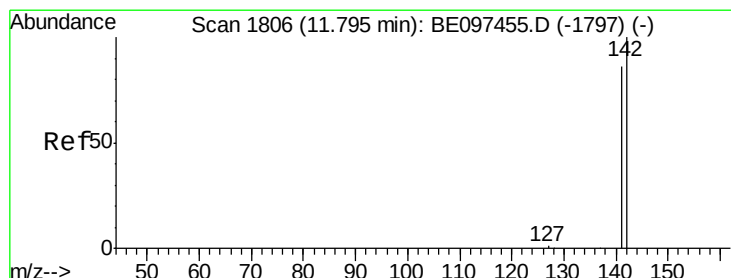
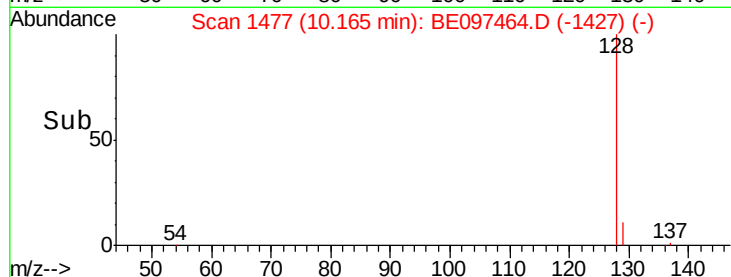
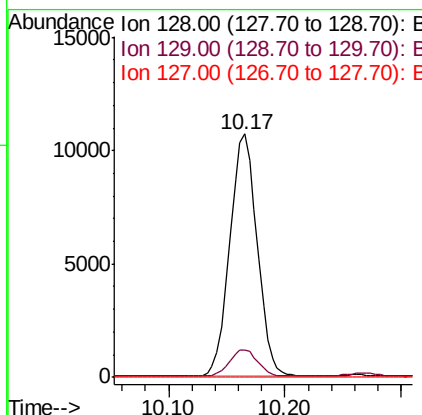
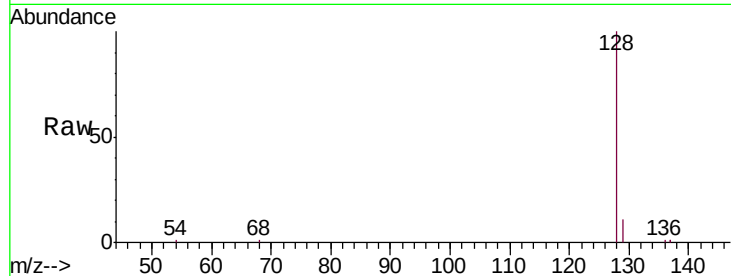
A3YY9

Tgt Ion:128 Resp: 17294

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.706 ng/ul

RT: 11.79 min Scan# 1804

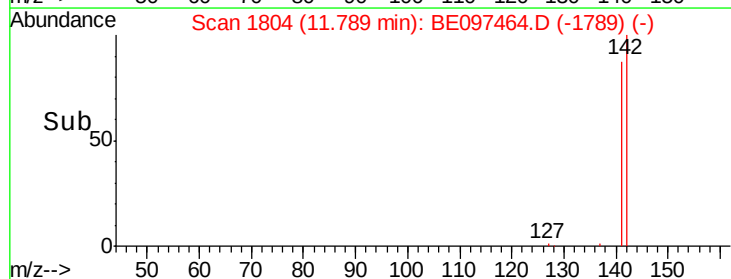
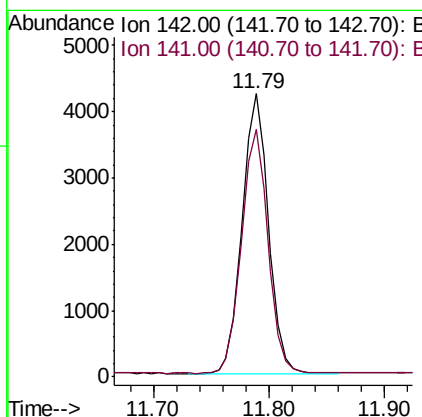
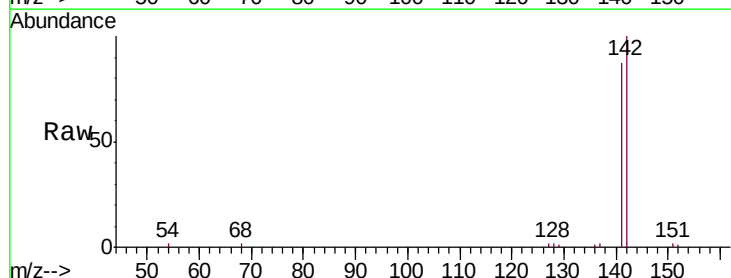
Delta R.T. -0.01 min

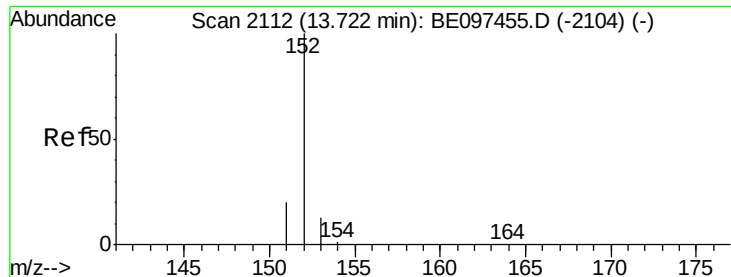
Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Tgt Ion:142 Resp: 6647

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.382 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

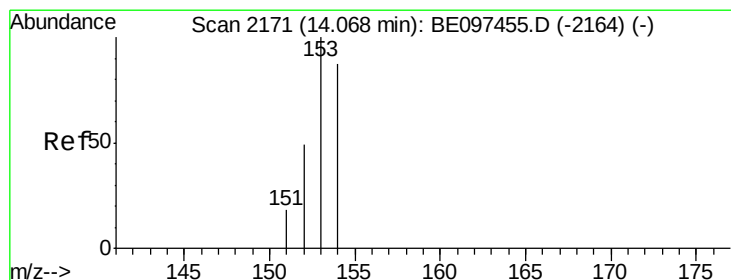
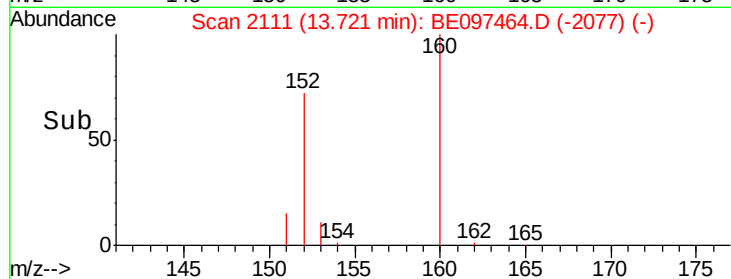
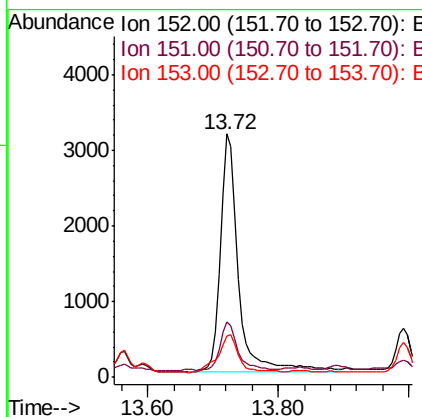
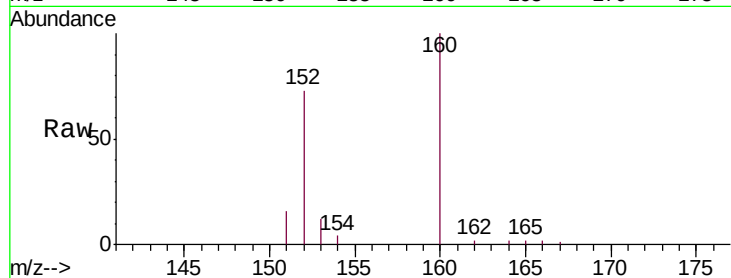
ClientSampleId :

A3YY9

Tgt Ion:	152	Resp:	6080
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	16.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.709 ng/ul

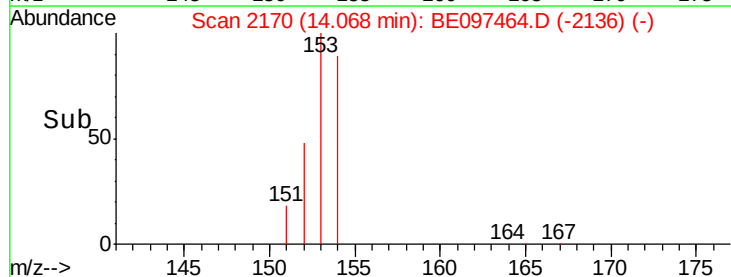
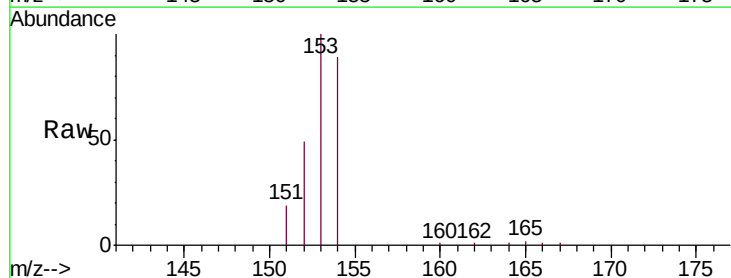
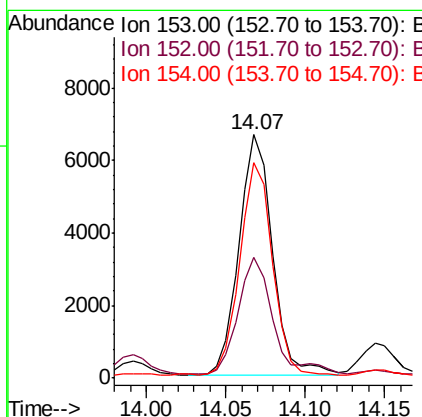
RT: 14.07 min Scan# 2170

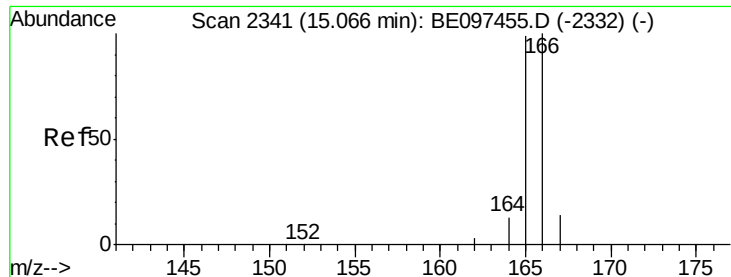
Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Tgt Ion:	153	Resp:	9703
Ion Ratio	Lower	Upper	
153	100		
152	49.5	36.0	54.0
154	88.7	72.0	108.0





#9

Fluorene

Concen: 0.666 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

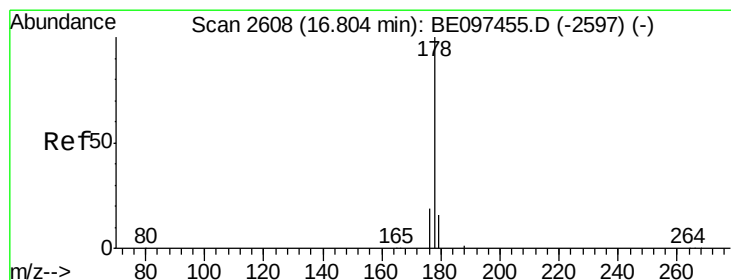
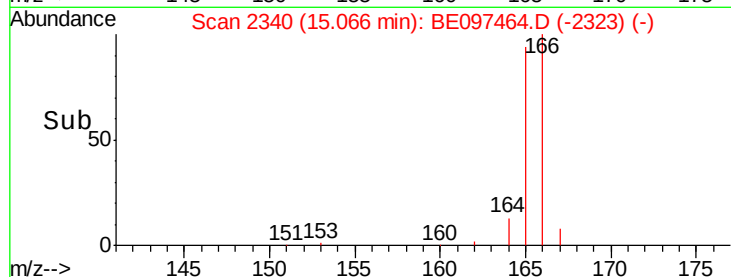
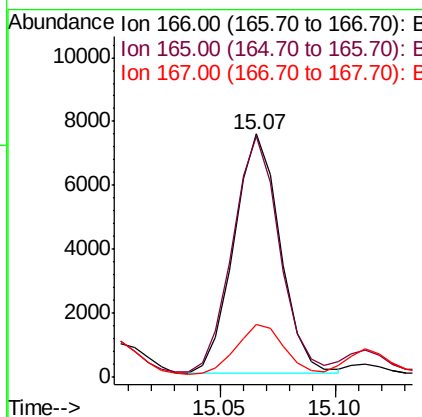
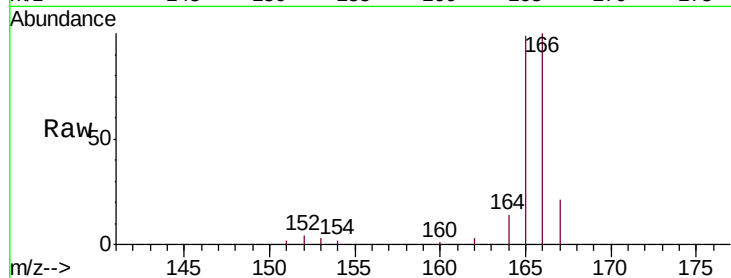
ClientSampled :

A3YY9

Tgt Ion:	166	Resp:	10437
Ion Ratio	Lower	Upper	
166	100		
165	98.9	73.4	110.2
167	21.5	14.6	22.0

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#12

Phenanthrene

Concen: 8.116 ng/ul m

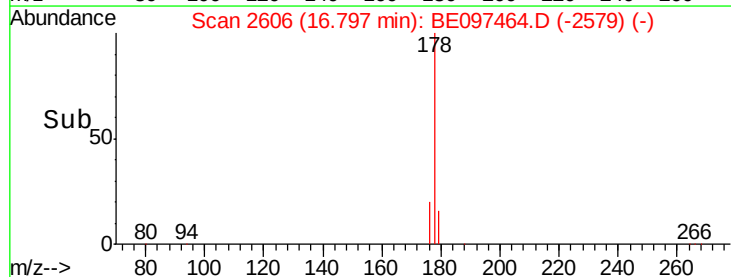
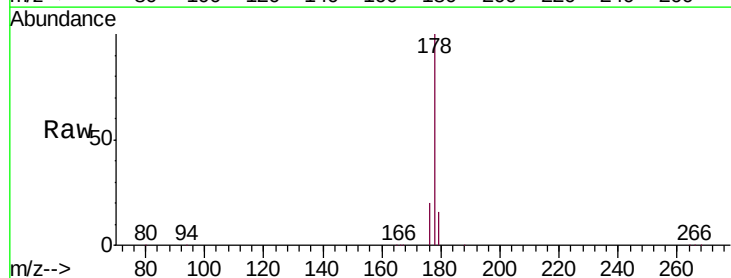
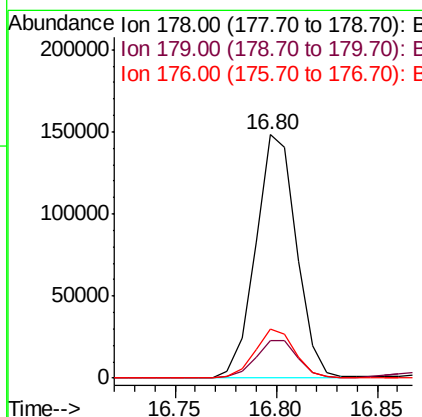
RT: 16.80 min Scan# 2606

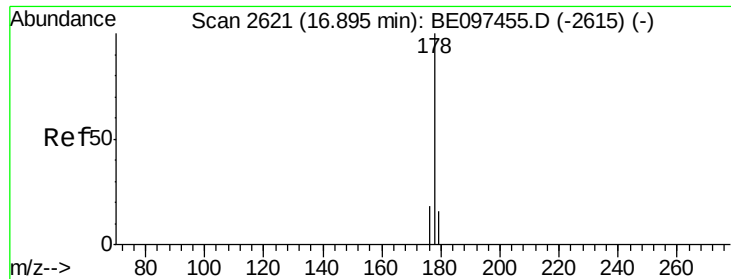
Delta R.T. -0.01 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Tgt Ion:	178	Resp:	209395
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	19.9	13.6	20.4





#13

Anthracene

Concen: 1.839 ng/ul m

RT: 16.89 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

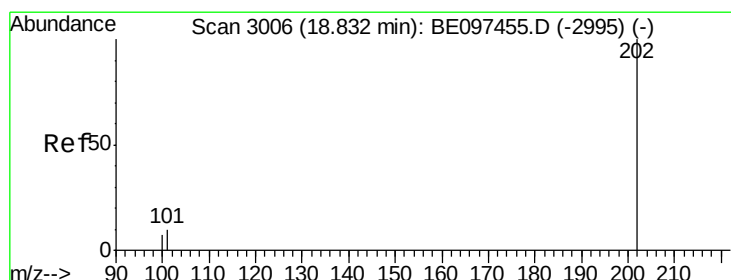
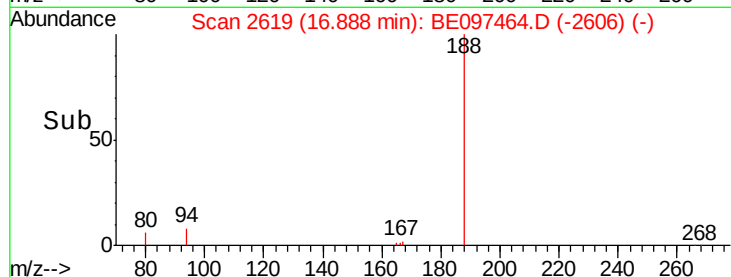
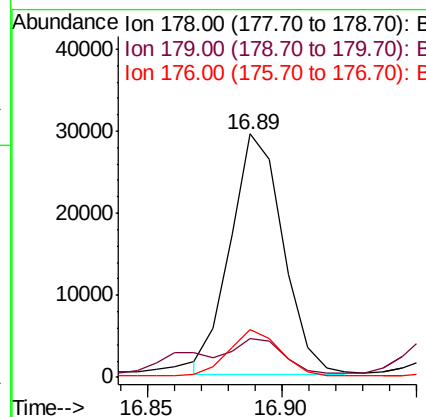
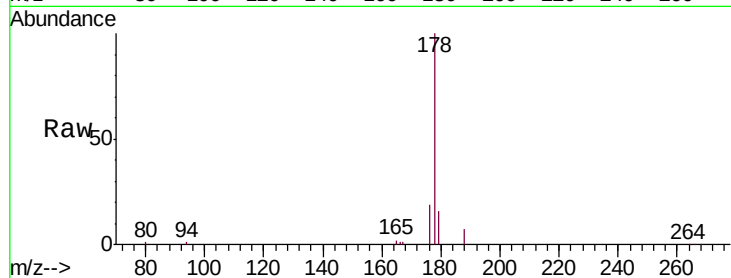
ClientSampleId :

A3YY9

Tgt Ion:	178	Resp:	39883
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.1	27.1#
176	19.4	14.7	22.1

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#15

Fluoranthene

Concen: 8.901 ng/ul m

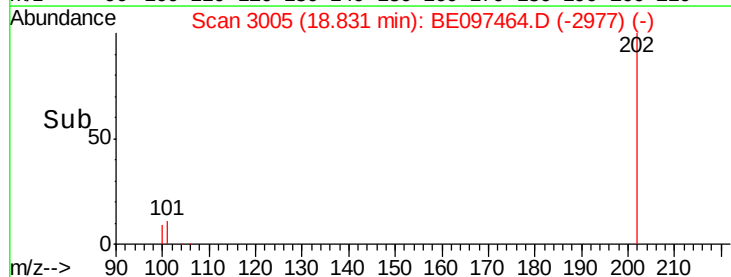
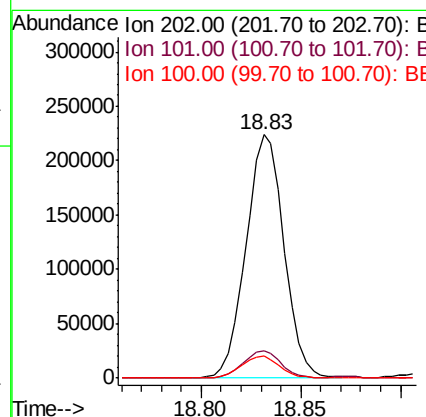
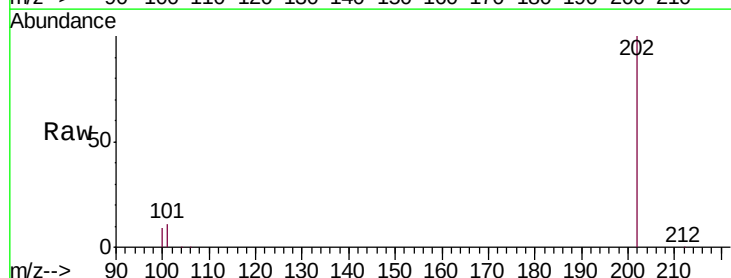
RT: 18.83 min Scan# 3005

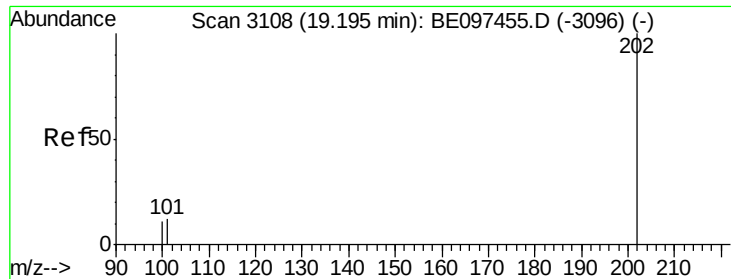
Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Tgt Ion:	202	Resp:	295036
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.3
100	8.9	0.0	39.5





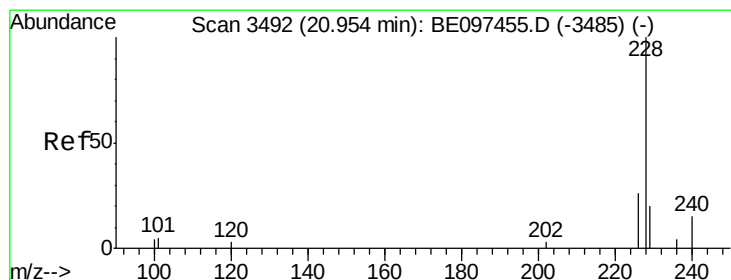
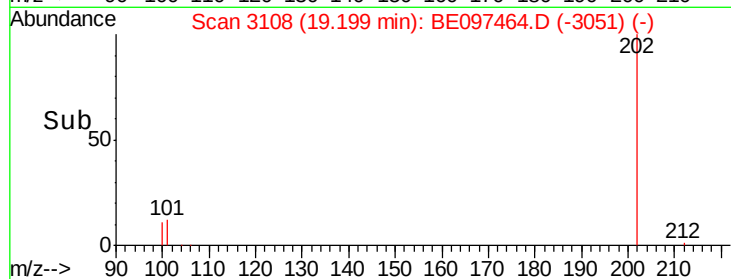
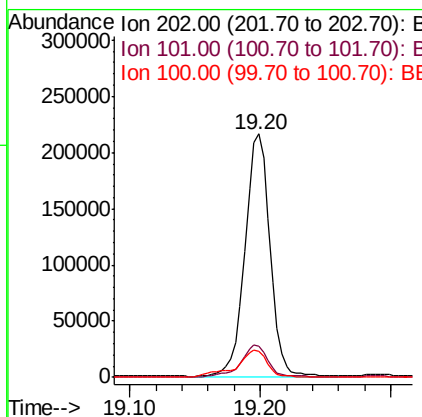
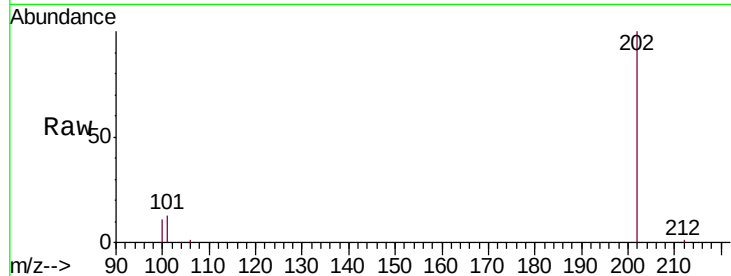
#17
Pyrene
Concen: 9.827 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	18.2	27.4#
100	10.8	15.6	23.4#

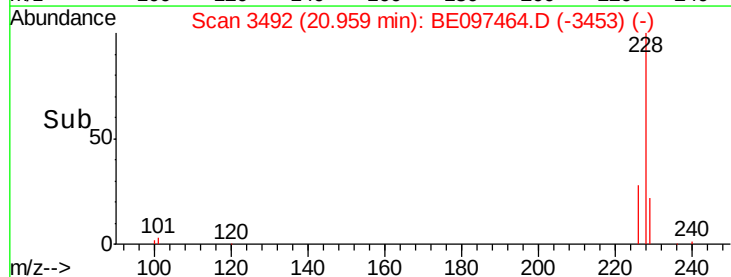
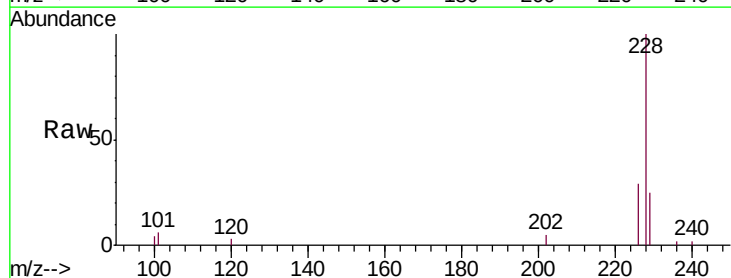
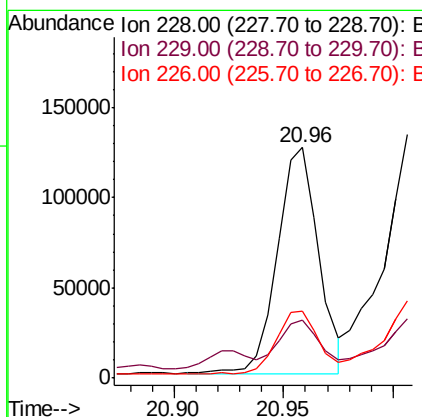
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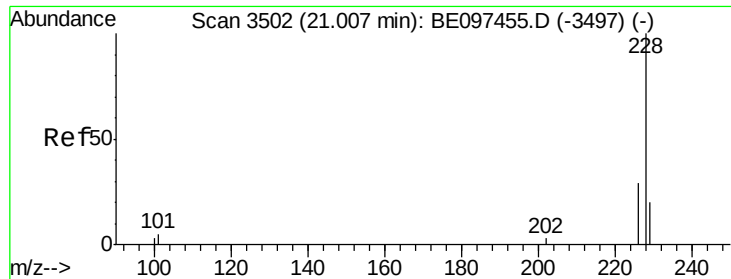
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#18
Benzo(a)anthracene
Concen: 5.875 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.9	22.8	34.2
226	29.0	17.0	25.6#





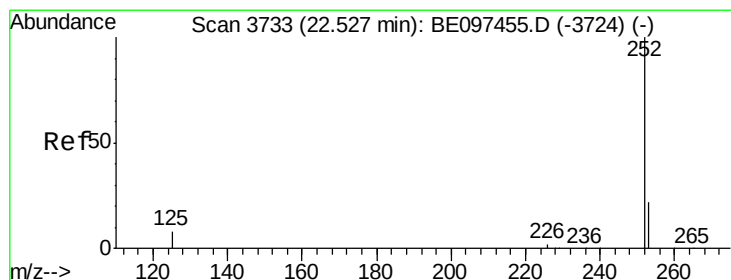
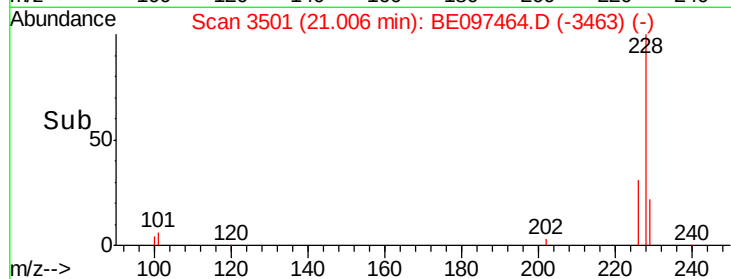
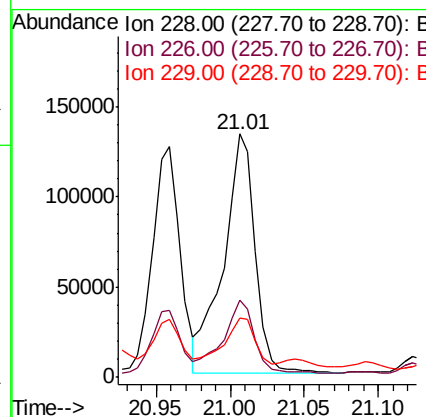
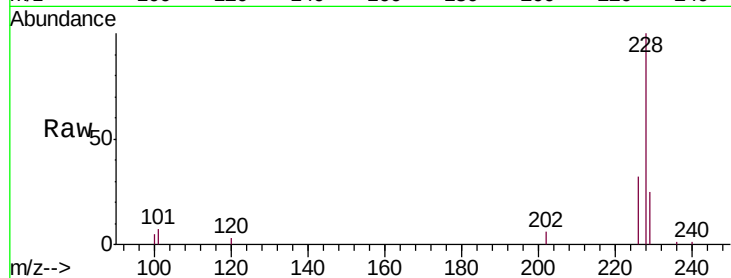
#19
Chrysene
Concen: 6.166 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

Instrument :
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ClientSampleId :
A3YY9

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	197524		
226	31.7		23.4	35.0
229	24.5		17.7	26.5

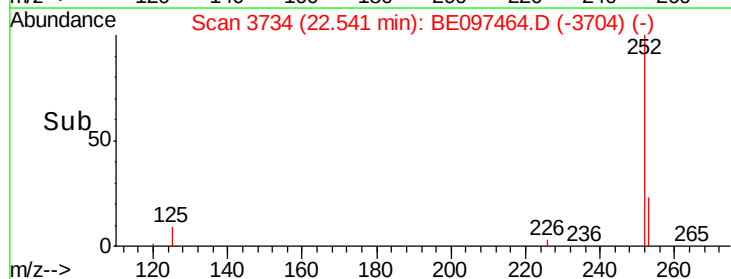
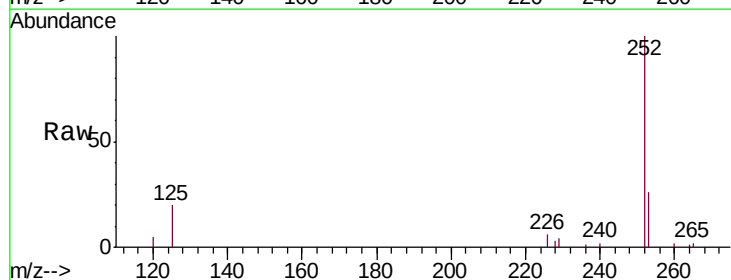
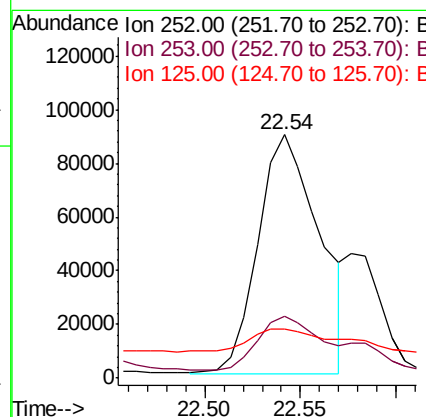
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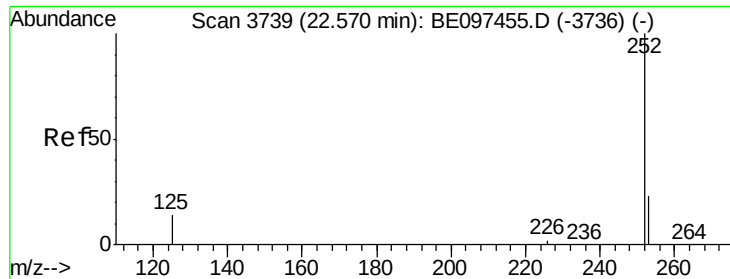
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#21
Benzo(b)fluoranthene
Concen: 6.246 ng/ul m
RT: 22.54 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	198285		
253	25.6		0.0	64.2
125	20.2		0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.617 ng/ul m

RT: 22.58 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

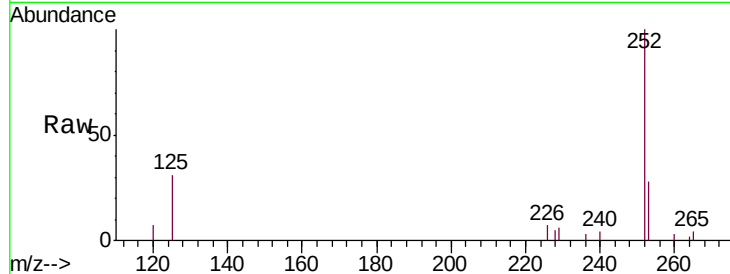
ClientSampled :

A3YY9

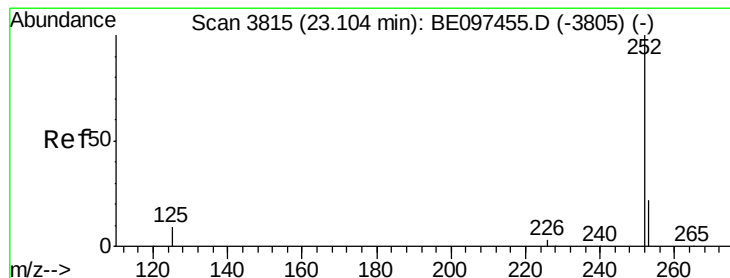
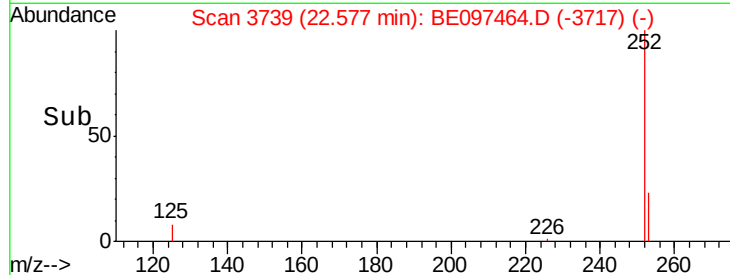
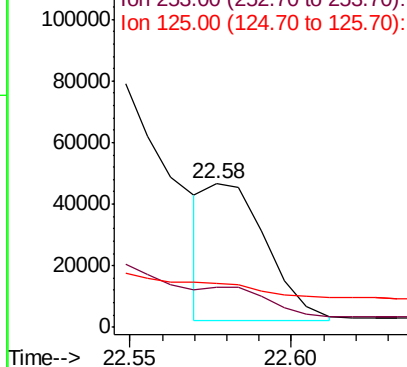
Tgt Ion:	252	Resp:	57249
Ion Ratio	Lower	Upper	
252	100		
253	28.1	24.5	36.7
125	31.1	13.7	20.5#

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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



#23

Benzo(a)pyrene

Concen: 4.585 ng/ul m

RT: 23.12 min Scan# 3816

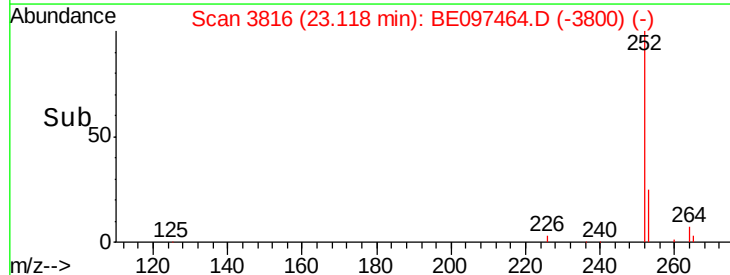
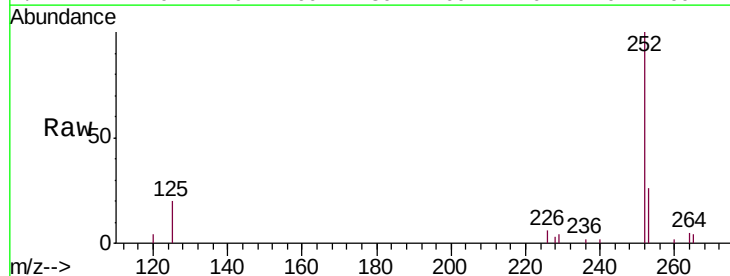
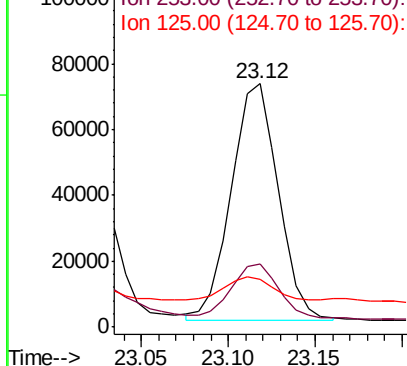
Delta R.T. 0.01 min

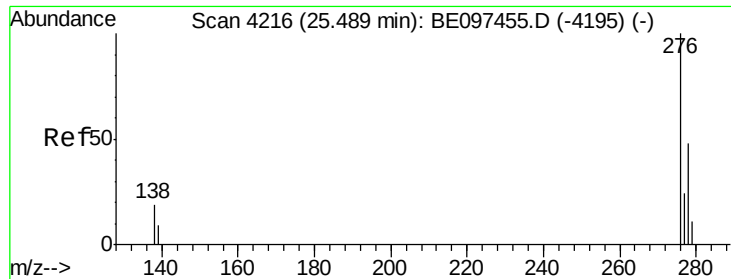
Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Tgt Ion:	252	Resp:	134648
Ion Ratio	Lower	Upper	
252	100		
253	25.9	28.5	42.7#
125	19.9	18.1	27.1

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: 2.520 ng/ul m

RT: 25.51 min Scan# 4220

Delta R.T. 0.02 min

Lab File: BE097464.D

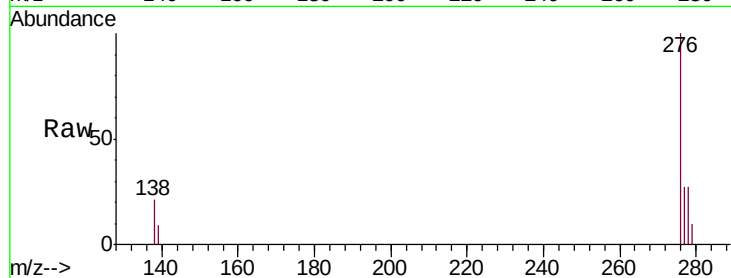
Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

A3YY9



Tgt Ion:276 Resp: 95914

Ion Ratio Lower Upper

276 100

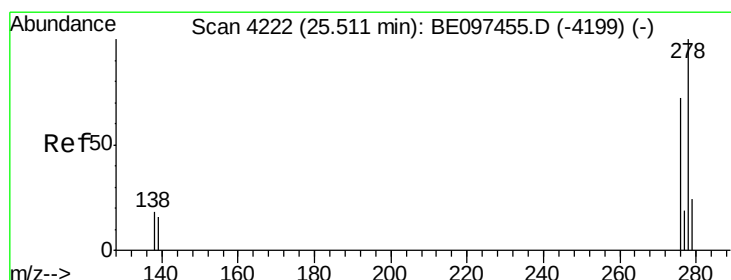
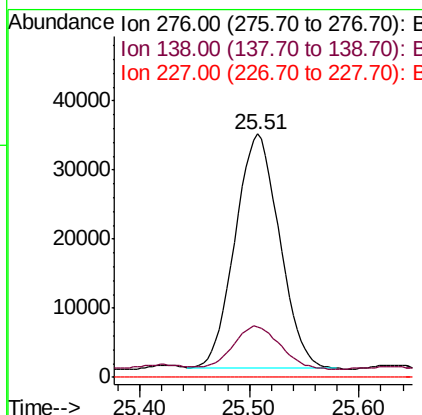
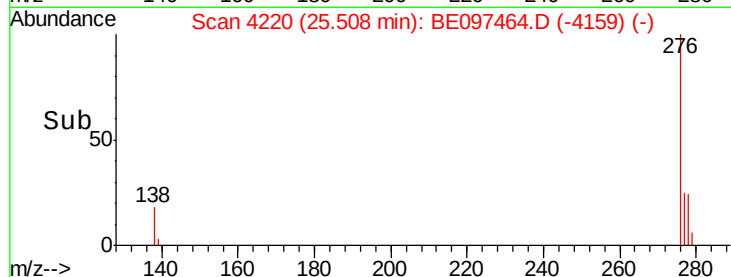
138 1.9 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil

9/13/2018 5:42:31 PM



#25

Dibenzo(a,h)anthracene

Concen: 1.000 ng/ul m

RT: 25.52 min Scan# 4224

Delta R.T. 0.01 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

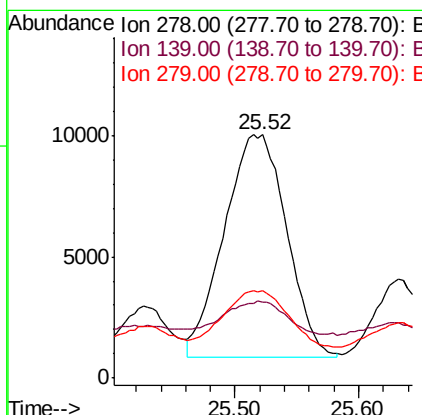
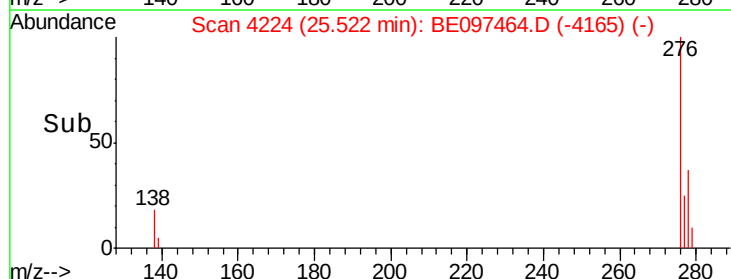
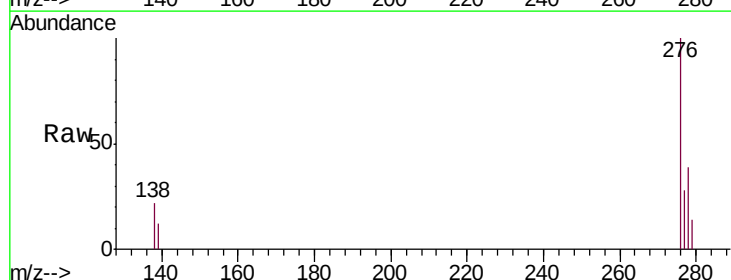
Tgt Ion:278 Resp: 32240

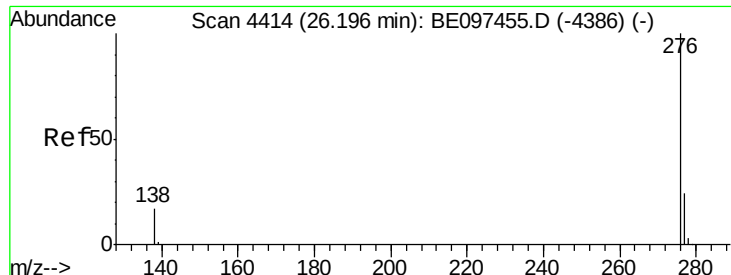
Ion Ratio Lower Upper

278 100

139 31.1 17.4 26.0#

279 35.9 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 2.861 ng/ul

RT: 26.21 min Scan# 4418

Delta R.T. 0.02 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

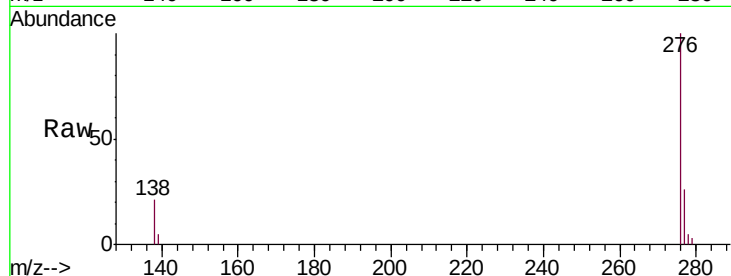
A3YY9

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	20.9	21.8	32.8#	
277	25.9	20.5	30.7	

Manual Integrations
APPROVED

Sohil

9/13/2018 5:42:31 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

