

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097468.D
 Acq On : 13 Sep 2018 1:49
 Operator : SJ/JU
 Sample : J4792-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ3

Manual Integrations
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Sohil
 9/13/2018 5:42:36 PM

Quant Time: Sep 13 04:11:45 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	7.38	152	1152	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10985m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11598m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	12163m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2535	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	8458m	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	17776	1.110	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	6328	0.626	ng/ul	98
7) Acenaphthylene	13.73	152	2529	0.151	ng/ul#	85
8) Acenaphthene	14.07	153	22483	1.556	ng/ul	96
9) Fluorene	15.07	166	29135	1.761	ng/ul	92
12) Phenanthrene	16.80	178	465016m	16.445	ng/ul	
13) Anthracene	16.89	178	114693m	4.824	ng/ul	
15) Fluoranthene	18.84	202	691633m	19.039	ng/ul	
17) Pyrene	19.20	202	598232	19.168	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	288734m	9.691	ng/ul	
19) Chrysene	21.01	228	266892	7.775	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	309521m	9.503	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	109010m	3.001	ng/ul	
23) Benzo(a)pyrene	23.11	252	232016m	7.700	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	148010	3.790	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.50	278	39374m	1.190	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	127908	3.841	ng/ul#	90

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

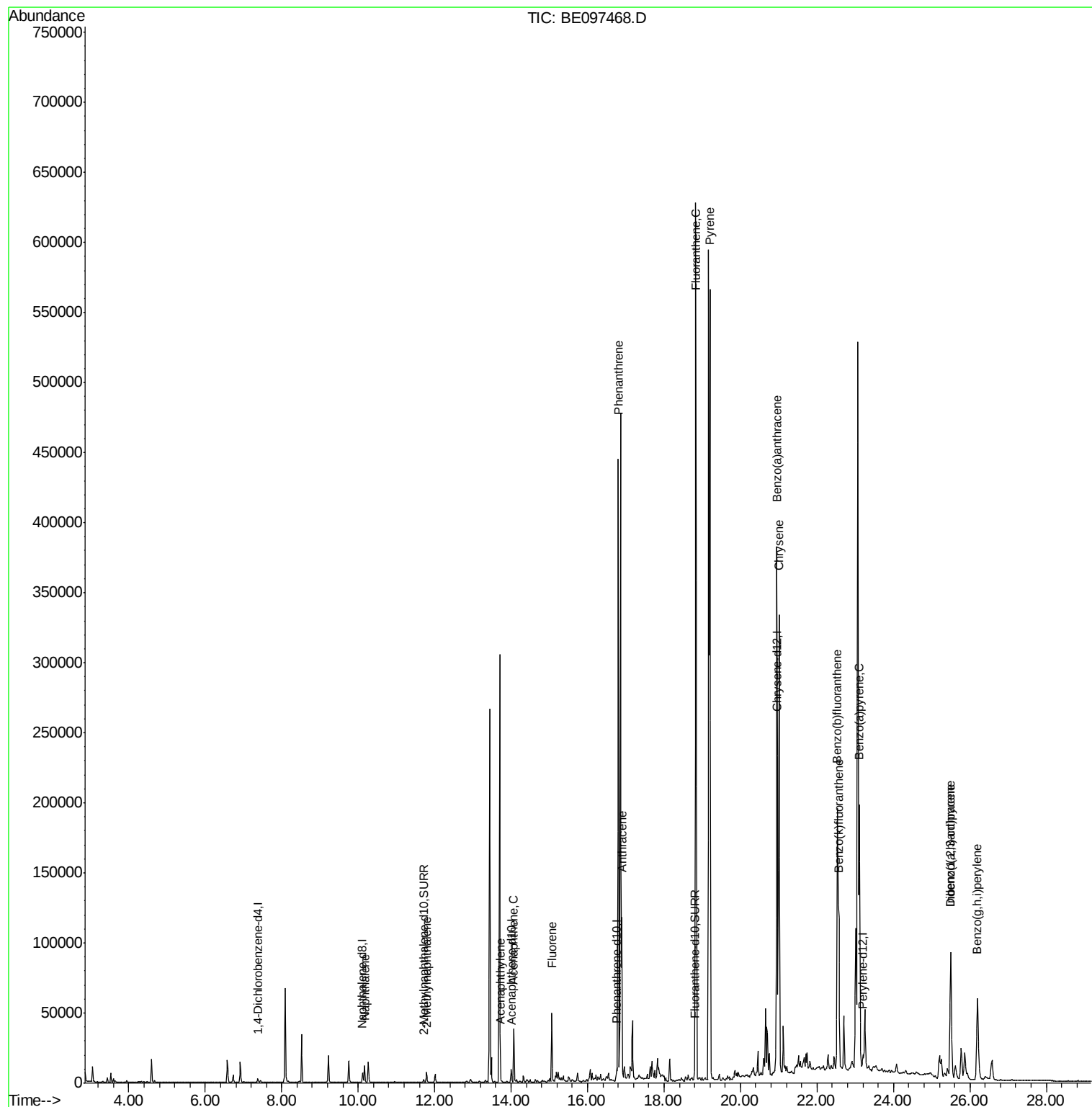
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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ALS Vial : 22 Sample Multiplier: 1

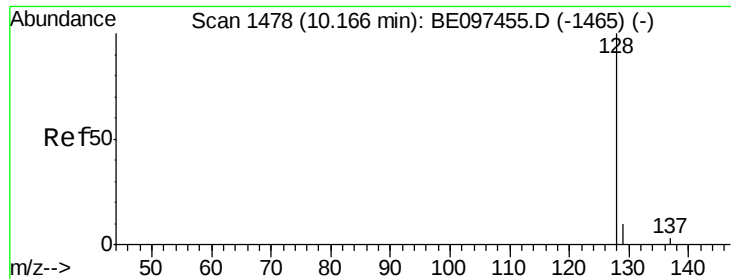
Instrument :
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Quant Time: Sep 13 04:11:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 1.110 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

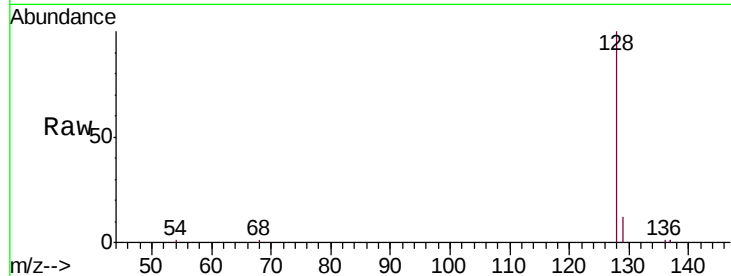
ClientSampleId :

A3YZ3

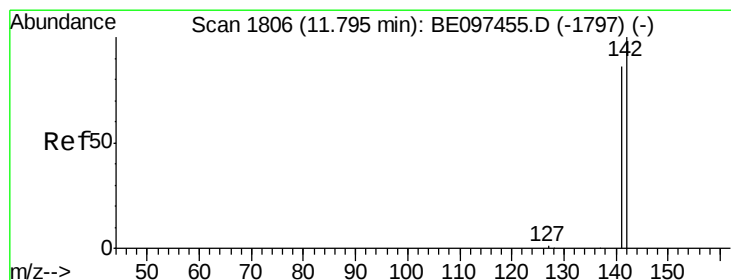
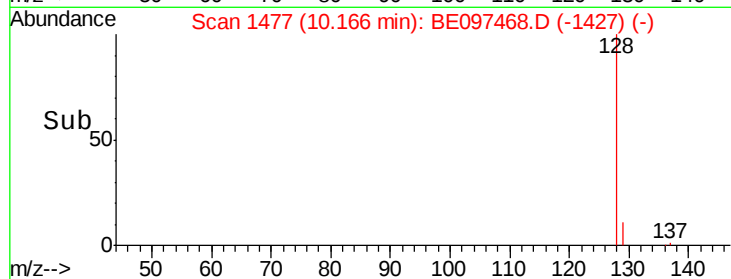
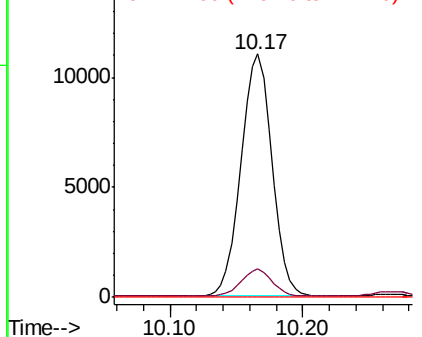
Tgt Ion:	128	Resp:	17776
Ion Ratio	Lower	Upper	
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0

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Abundance Ion 128.00 (127.70 to 128.70): E
15000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.626 ng/ul

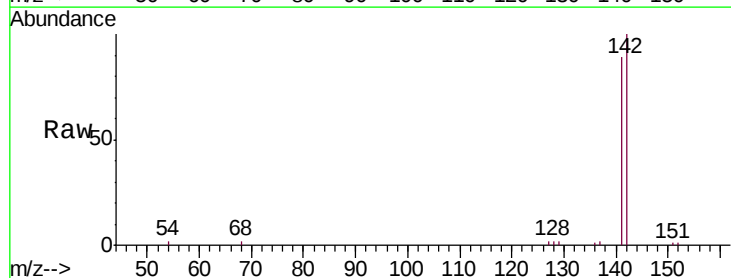
RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

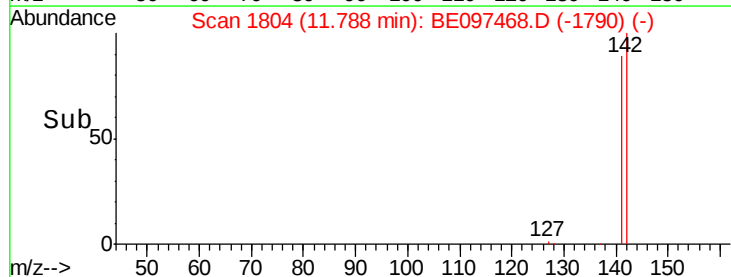
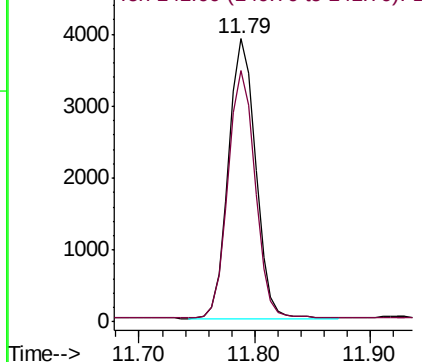
Lab File: BE097468.D

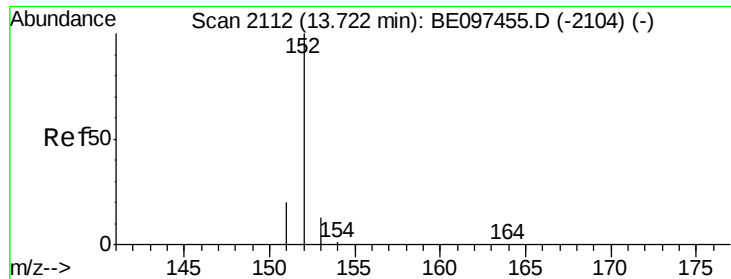
Acq: 13 Sep 2018 1:49

Tgt Ion:	142	Resp:	6328
Ion Ratio	Lower	Upper	
142	100		
141	88.5	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: 0.151 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

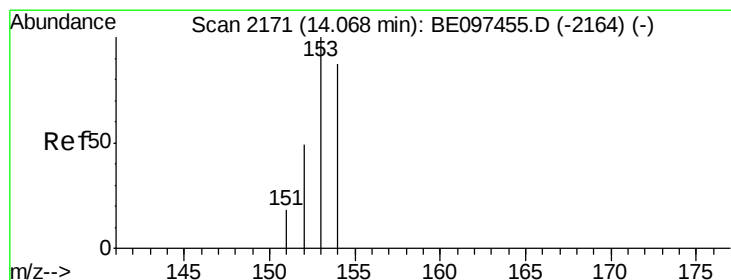
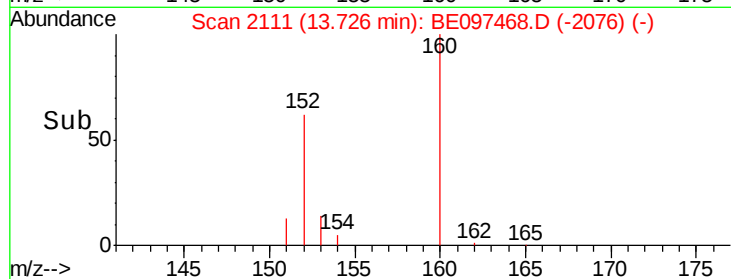
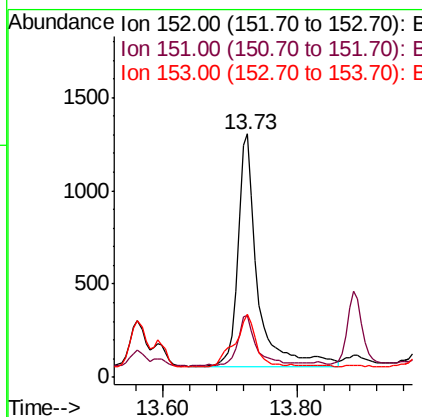
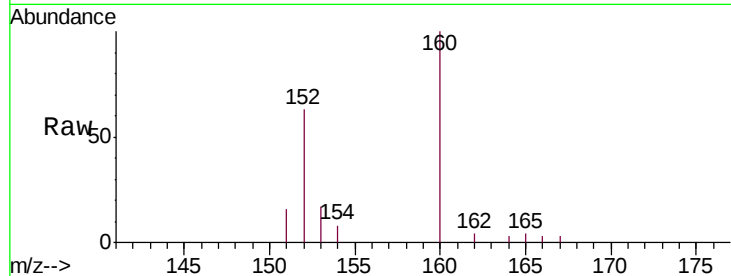
ClientSampleId :

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Tgt Ion:	152	Resp:	2529
Ion Ratio	Lower	Upper	
152	100		
151	25.4	17.1	25.7
153	26.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.556 ng/ul

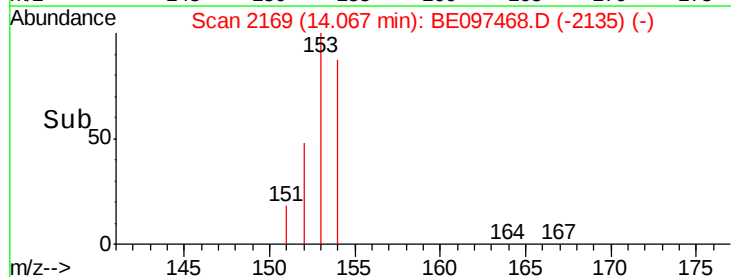
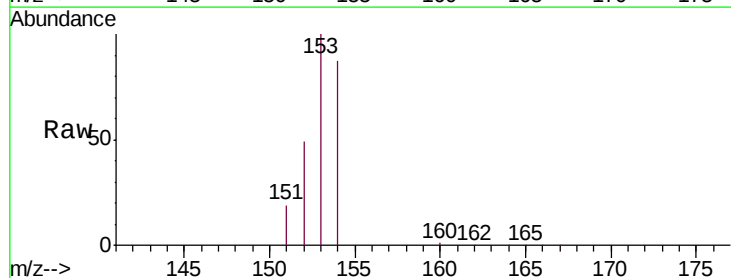
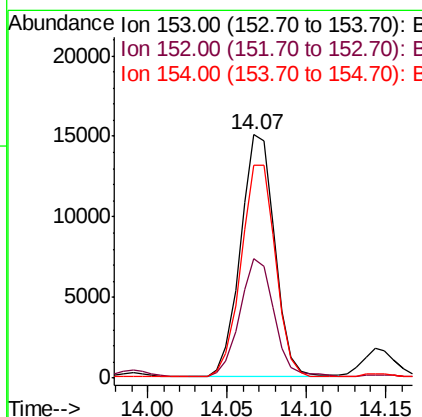
RT: 14.07 min Scan# 2169

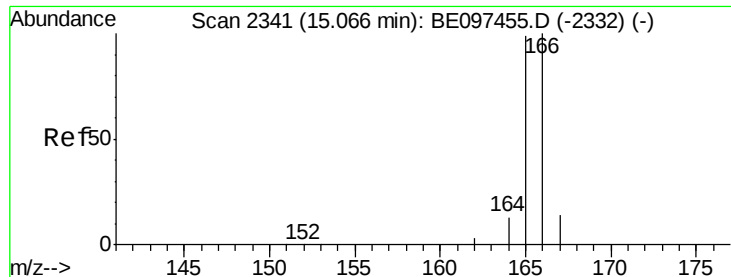
Delta R.T. -0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Tgt Ion:	153	Resp:	22483
Ion Ratio	Lower	Upper	
153	100		
152	48.9	36.0	54.0
154	87.3	72.0	108.0





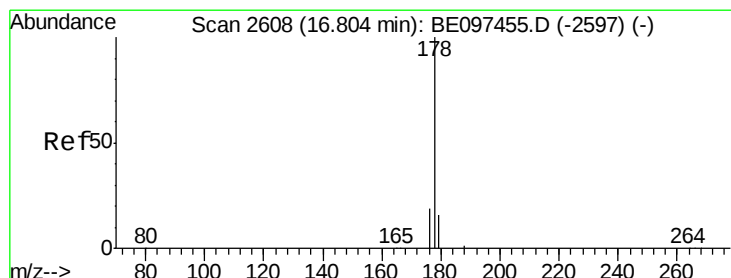
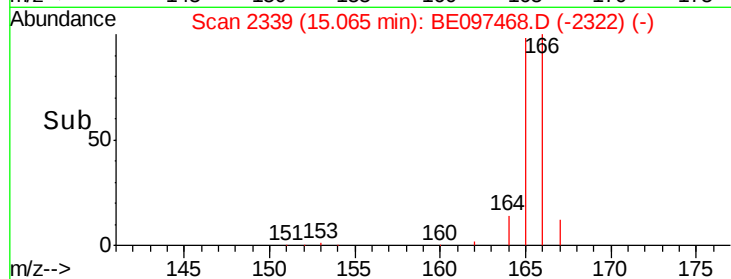
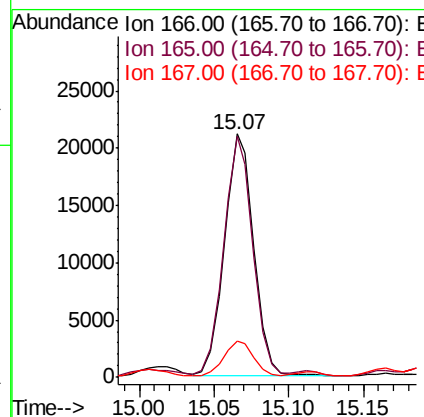
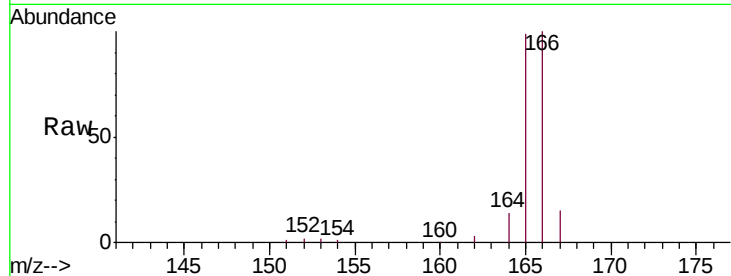
#9
Fluorene
 Concen: 1.761 ng/ul
 RT: 15.07 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BE097468.D
 Acq: 13 Sep 2018 1:49

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	73.4	110.2
167	14.8	14.6	22.0

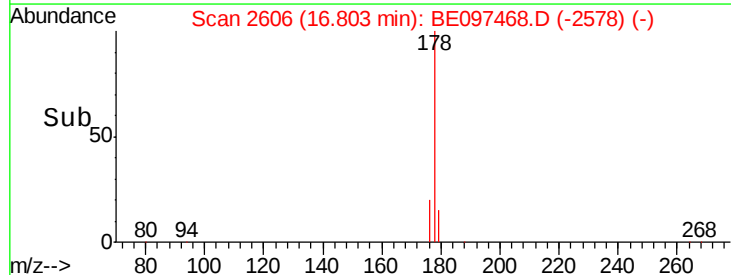
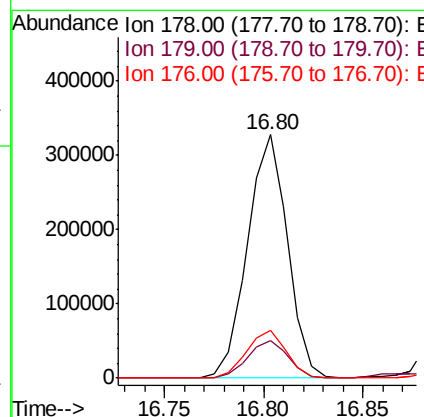
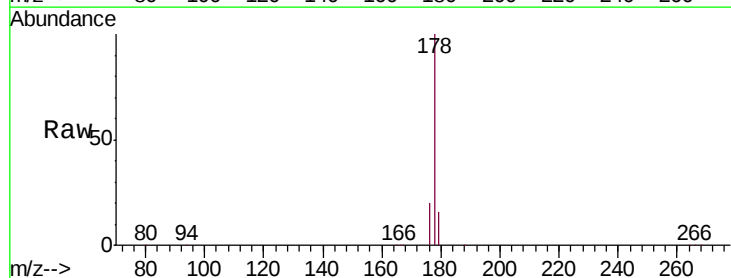
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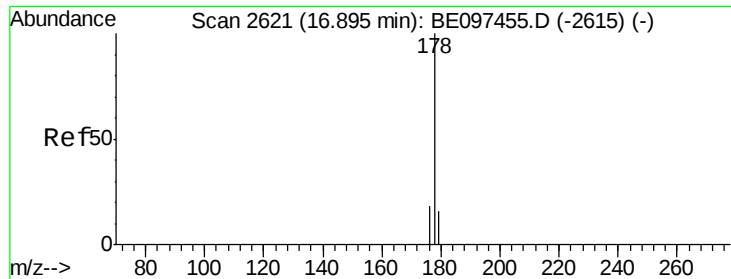
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#12
Phenanthrene
 Concen: 16.445 ng/ul m
 RT: 16.80 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BE097468.D
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.6	13.6	20.4





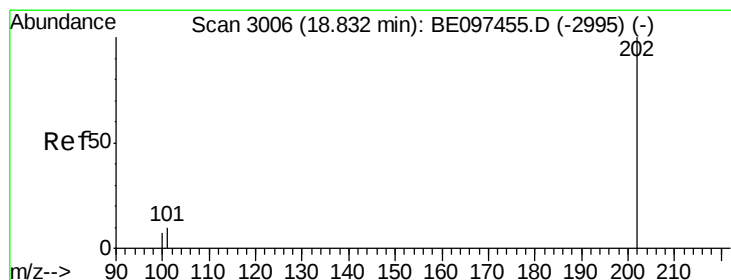
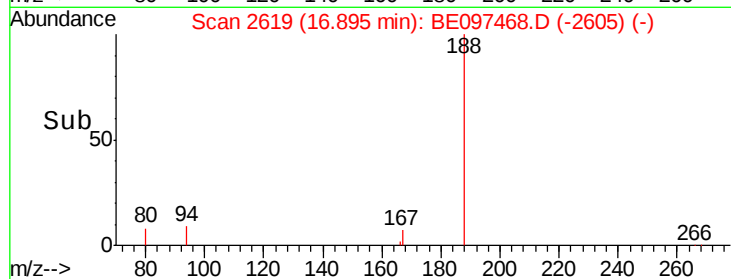
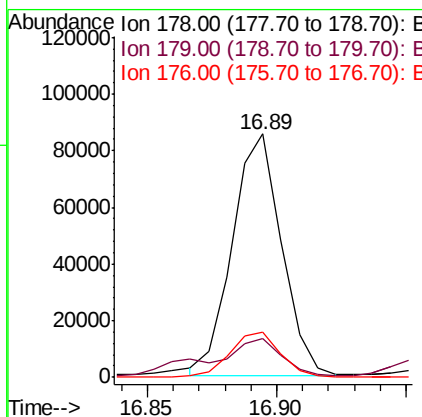
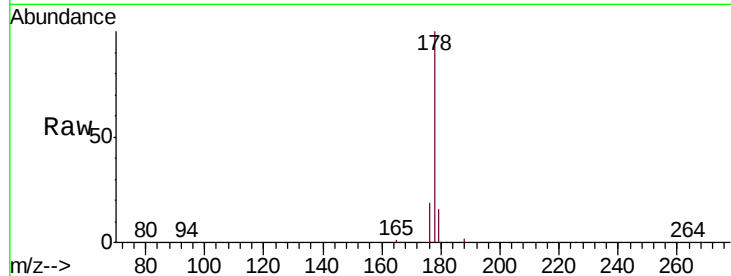
#13
 Anthracene
 Concen: 4.824 ng/ul m
 RT: 16.89 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BE097468.D
 Acq: 13 Sep 2018 1:49

Instrument :
 BNA_E
 ClientSampled :
 A3YZ3

Tgt Ion:178 Resp: 114693
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.1 27.1#
 176 18.6 14.7 22.1

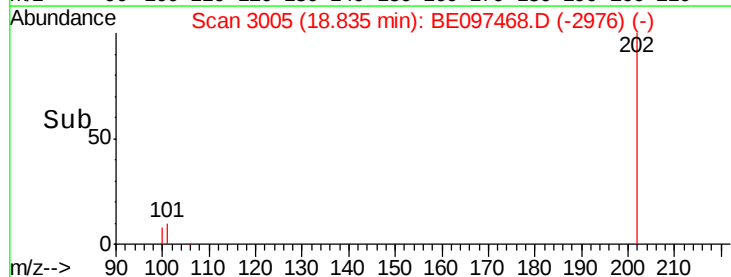
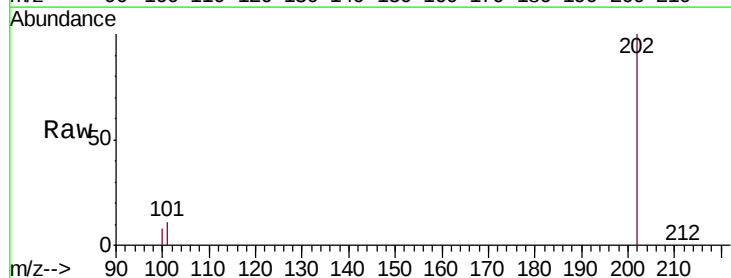
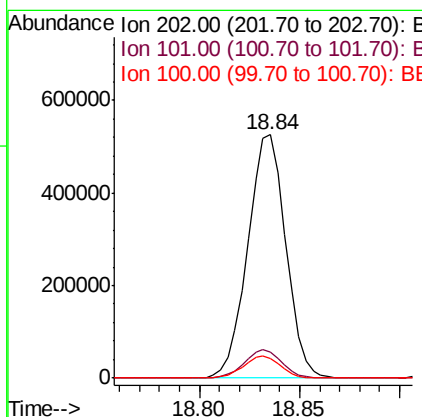
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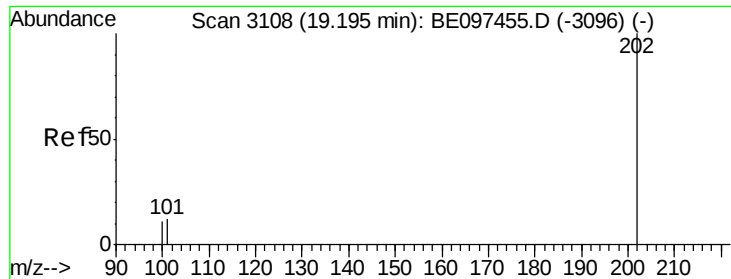
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#15
 Fluoranthene
 Concen: 19.039 ng/ul m
 RT: 18.84 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: BE097468.D
 Acq: 13 Sep 2018 1:49

Tgt Ion:202 Resp: 691633
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 30.3
 100 8.2 0.0 39.5





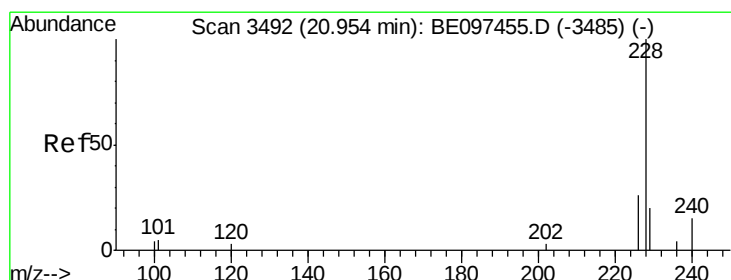
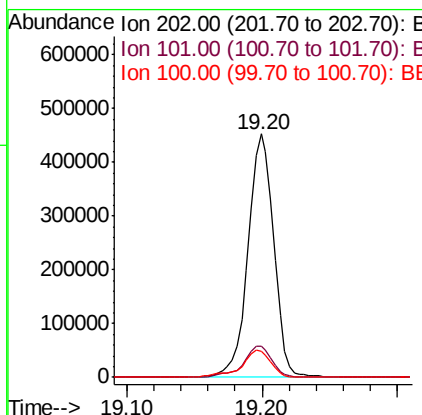
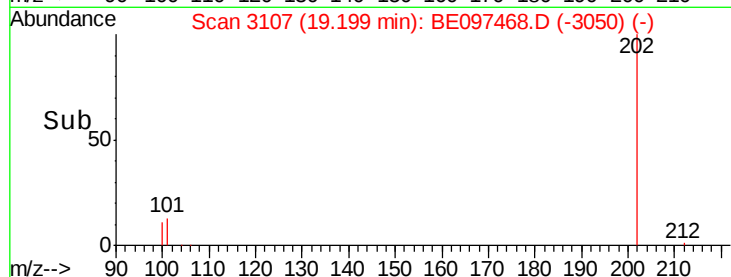
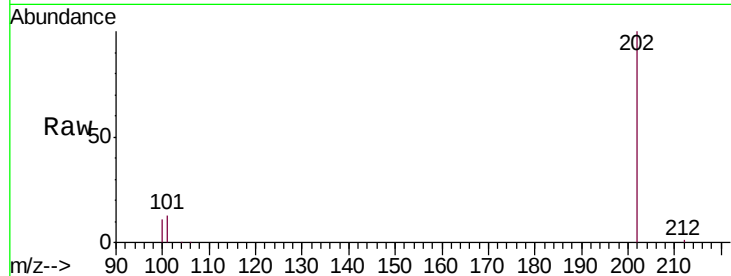
#17
Pyrene
Concen: 19.168 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097468.D
Acq: 13 Sep 2018 1:49

Instrument :
BNA_E
ClientSampleId :
A3YZ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.0	18.2	27.4#
100	10.9	15.6	23.4#

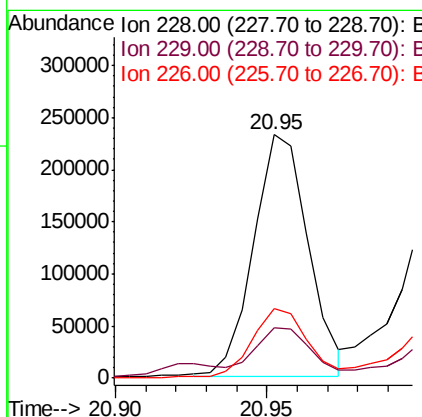
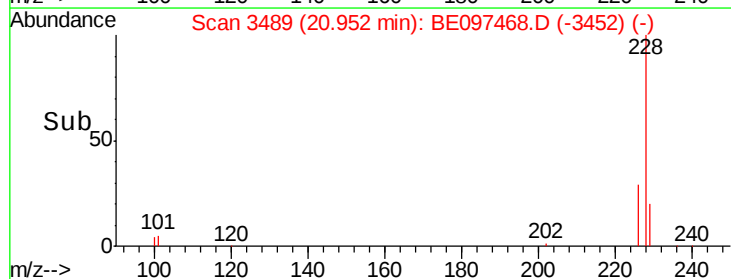
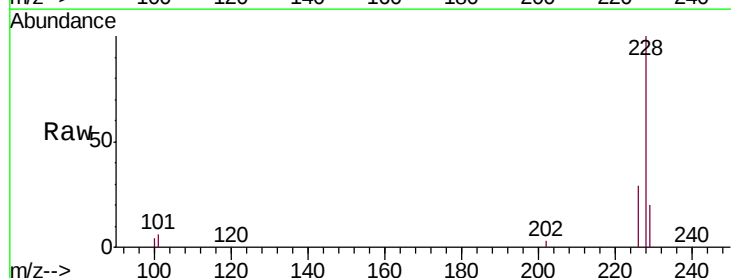
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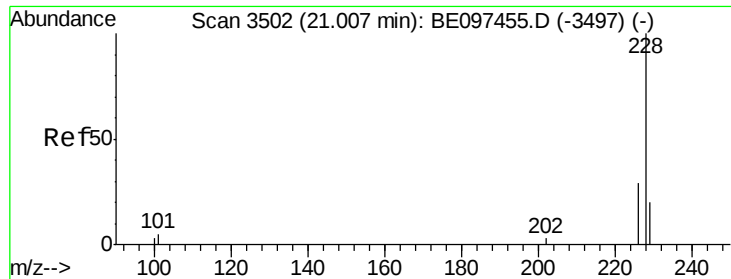
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#18
Benzo(a)anthracene
Concen: 9.691 ng/ul m
RT: 20.95 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BE097468.D
Acq: 13 Sep 2018 1:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	22.8	34.2#
226	28.8	17.0	25.6#





#19

Chrysene

Concen: 7.775 ng/ul

RT: 21.01 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

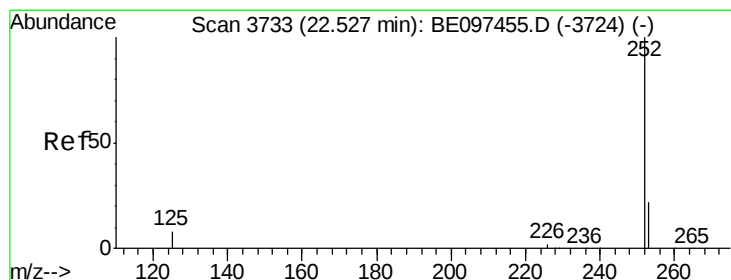
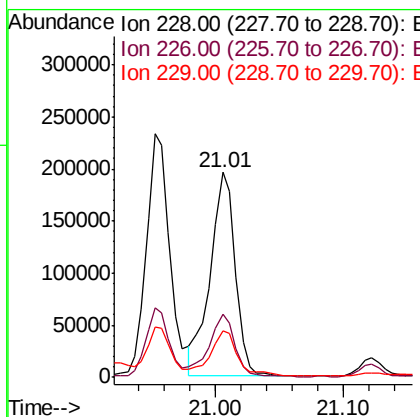
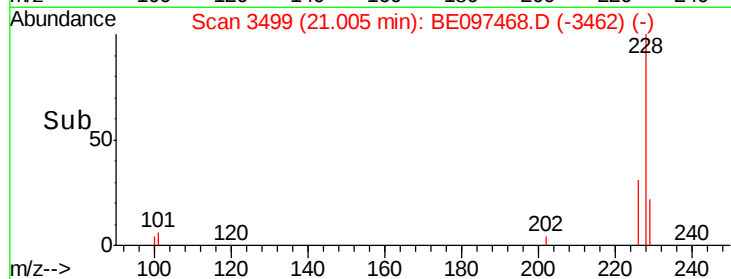
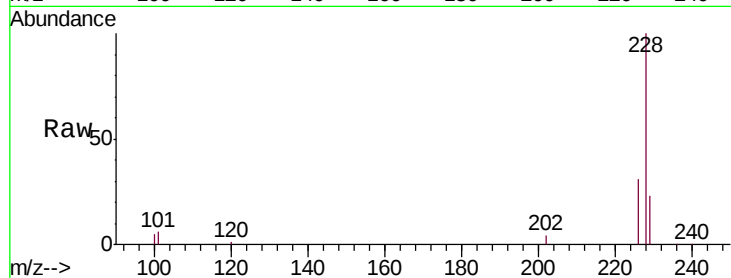
ClientSampleId :

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Tgt Ion:	228	Resp:	266892
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	22.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 9.503 ng/ul m

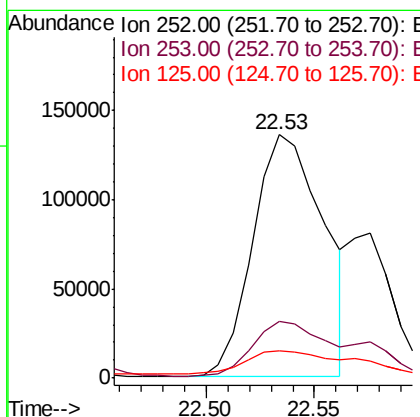
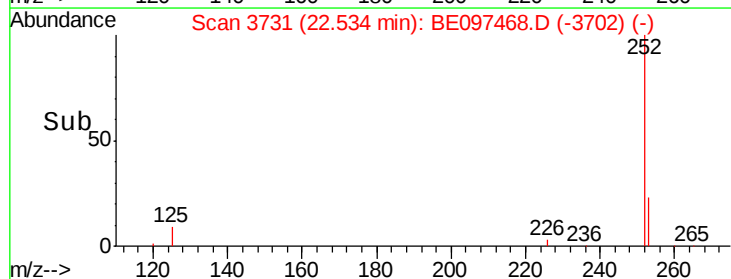
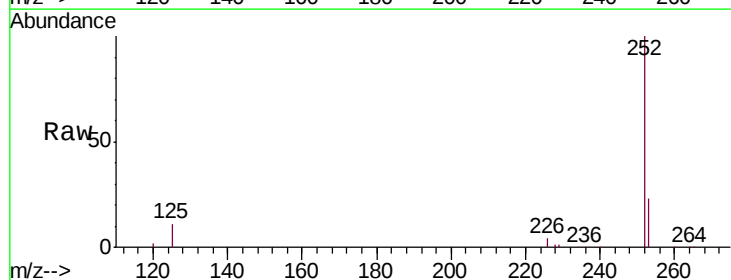
RT: 22.53 min Scan# 3731

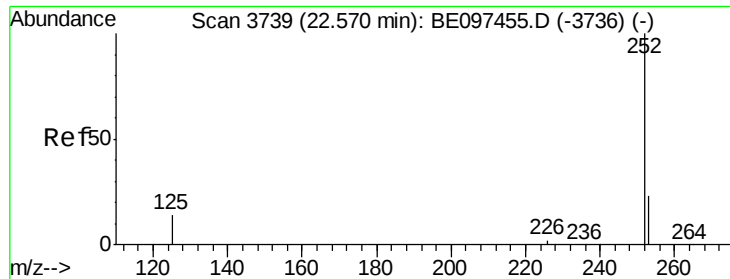
Delta R.T. 0.01 min

Lab File: BE097468.D

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Tgt Ion:	252	Resp:	309521
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	11.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.001 ng/ul m

RT: 22.58 min Scan# 3737

Delta R.T. 0.01 min

Lab File: BE097468.D

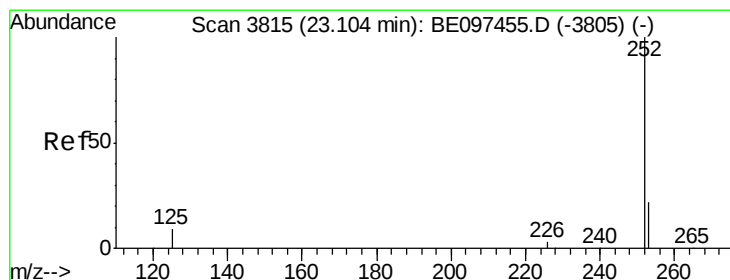
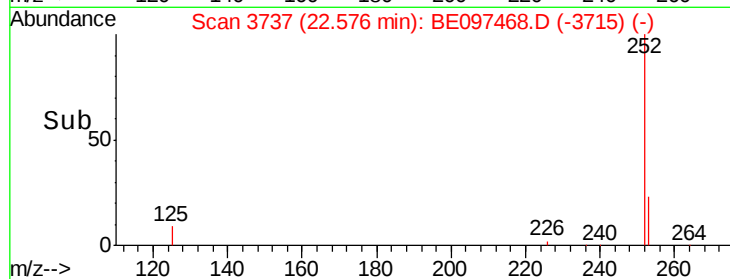
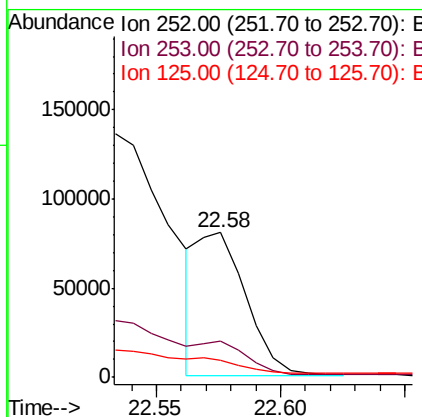
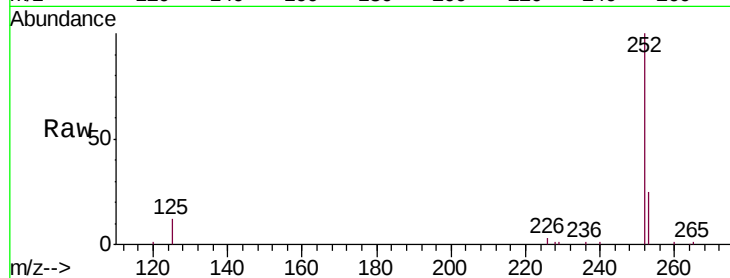
Acq: 13 Sep 2018 1:49

Instrument :
BNA_E
ClientSampled :
A3YZ3

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	24.5	36.7
125	11.9	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 7.700 ng/ul m

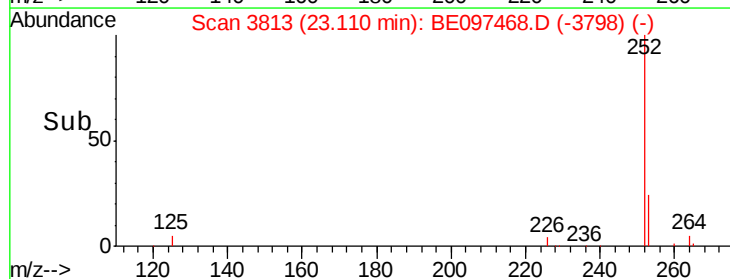
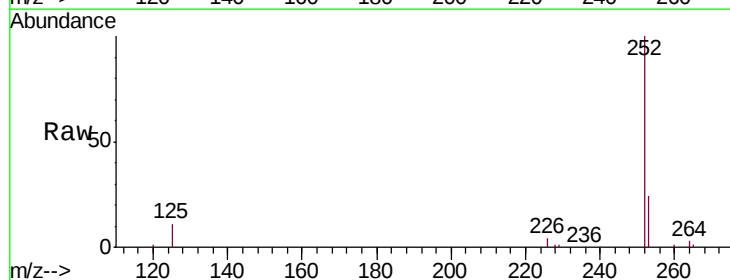
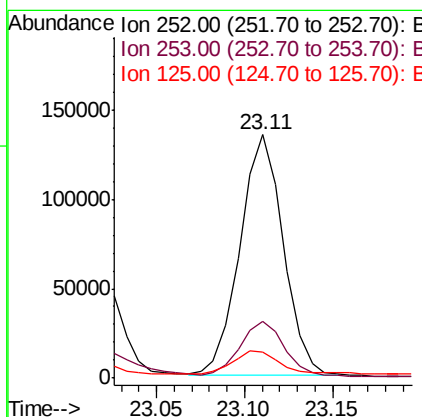
RT: 23.11 min Scan# 3813

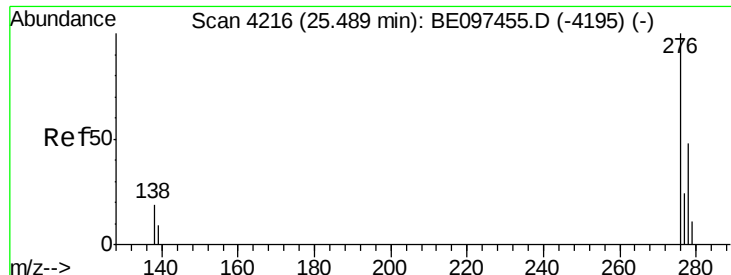
Delta R.T. 0.01 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	10.7	18.1	27.1#





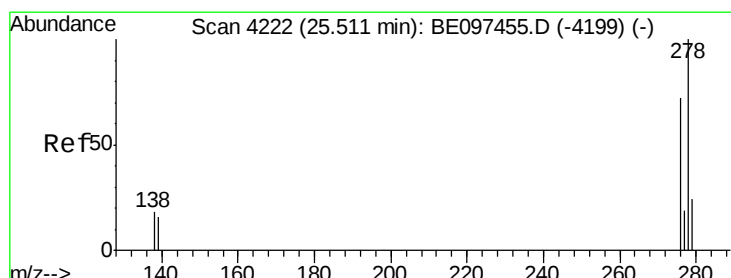
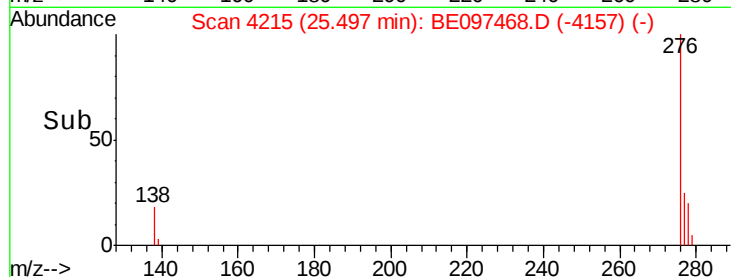
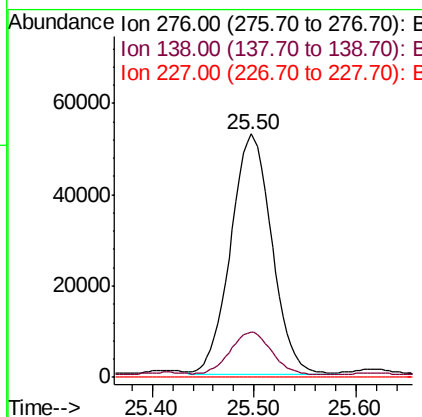
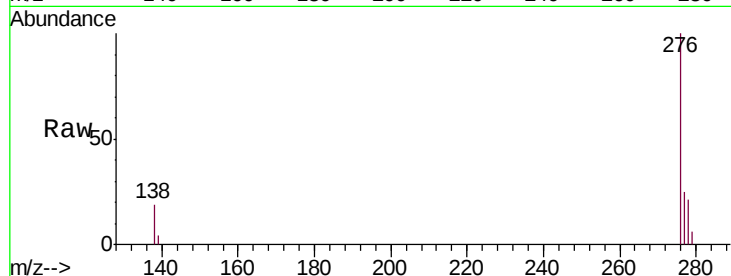
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.790 ng/ul
 RT: 25.50 min Scan# 4215
 Delta R.T. 0.01 min
 Lab File: BE097468.D
 Acq: 13 Sep 2018 1:49

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.1	28.0	42.0#
227	0.0	8.0	12.0#

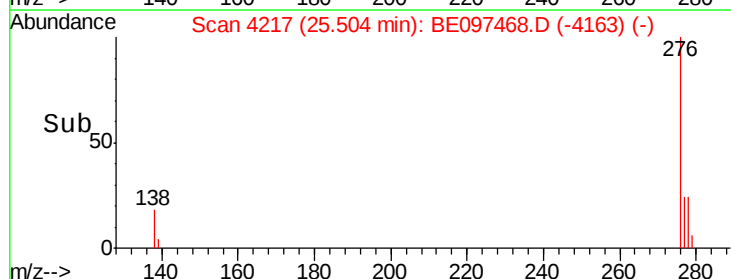
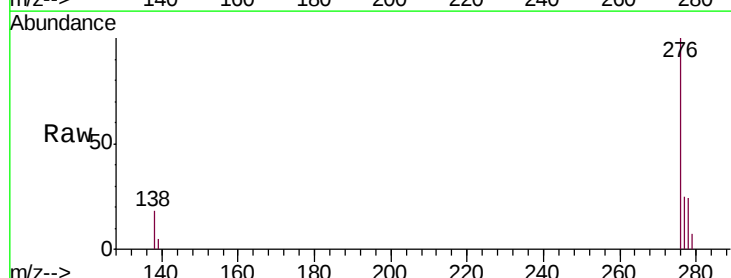
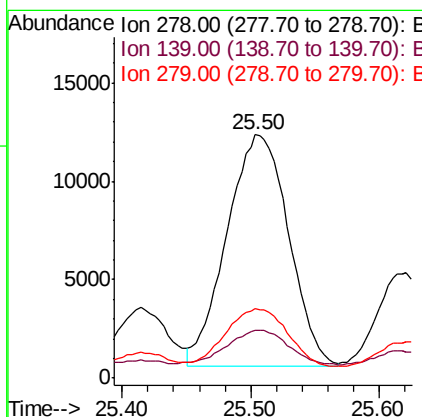
Manual Integrations
 APPROVED

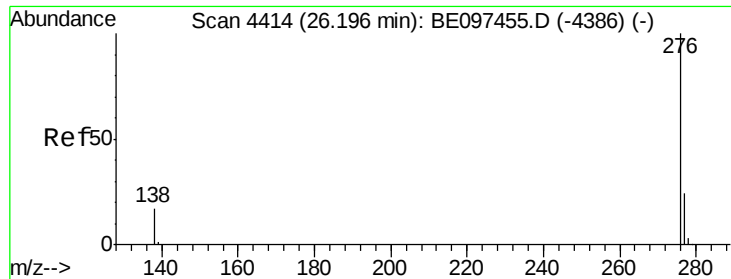
Sohil
 9/13/2018 5:42:36 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.190 ng/ul m
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097468.D
 Acq: 13 Sep 2018 1:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.5	17.4	26.0
279	28.6	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 3.841 ng/ul
 RT: 26.20 min Scan# 4412
 Delta R.T. 0.00 min
 Lab File: BE097468.D
 Acq: 13 Sep 2018 1:49

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	21.8	32.8#
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:36 PM

