

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097466.D
 Acq On : 13 Sep 2018 00:35
 Operator : SJ/JU
 Sample : J4792-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ0

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:33 PM

Quant Time: Sep 13 03:48:35 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	1034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5964	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4310	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10479m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11345m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12163m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1909	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6220m	0.18	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.17	128	9644	0.663	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	3653	0.397	ng/ul	98
7) Acenaphthylene	13.72	152	9457	0.602	ng/ul	99
8) Acenaphthene	14.07	153	6478	0.480	ng/ul	97
9) Fluorene	15.07	166	8011	0.518	ng/ul	93
12) Phenanthrene	16.80	178	202838m	7.520	ng/ul	
13) Anthracene	16.89	178	39514m	1.742	ng/ul	
15) Fluoranthene	18.83	202	424867m	12.260	ng/ul	
17) Pyrene	19.20	202	387877	12.705	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	209384m	7.185	ng/ul	
19) Chrysene	21.00	228	190305	5.668	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	211626m	6.497	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	74068m	2.039	ng/ul	
23) Benzo(a)pyrene	23.11	252	148628m	4.932	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	91731m	2.349	ng/ul	
25) Dibenzo(a,h)anthracene	25.51	278	26774m	0.809	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	80830	2.428	ng/ul#	92

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

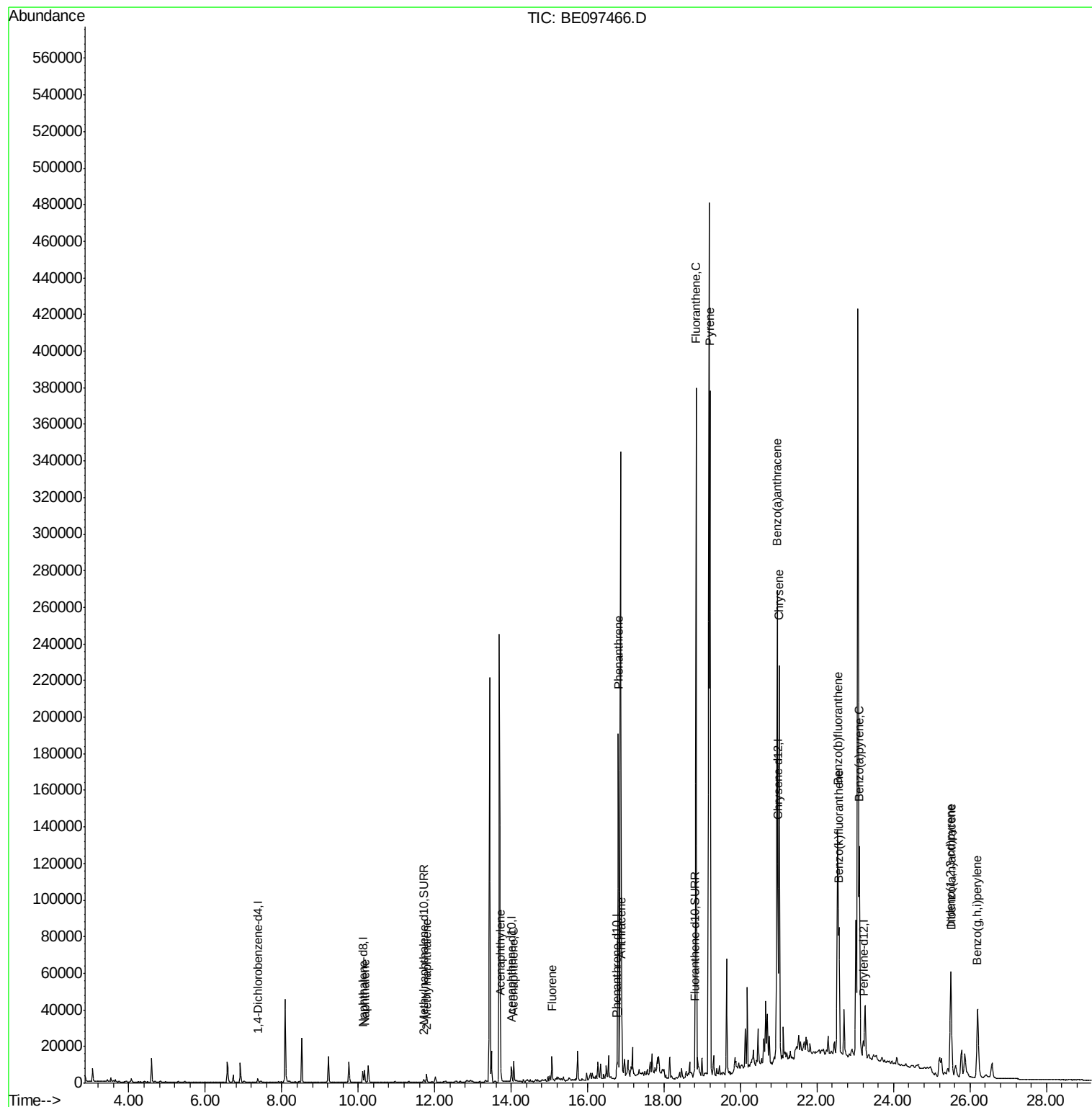
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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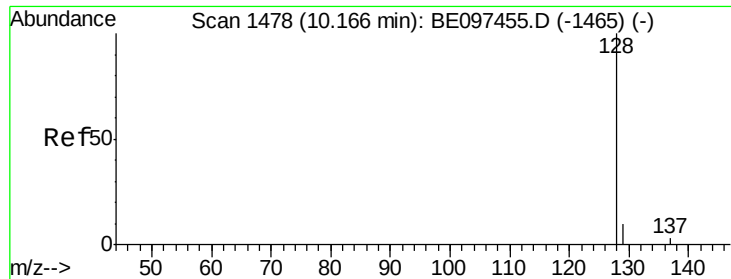
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
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#3

Naphthalene

Concen: 0.663 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

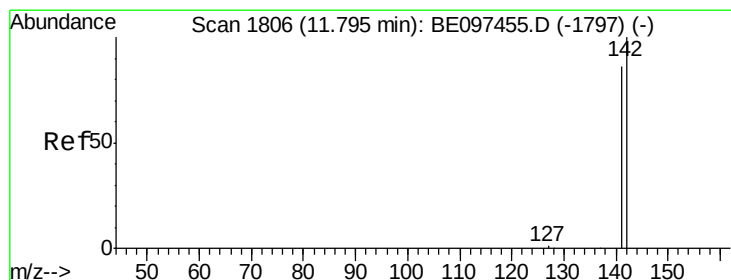
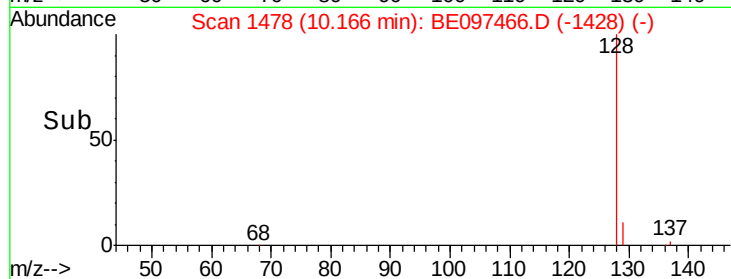
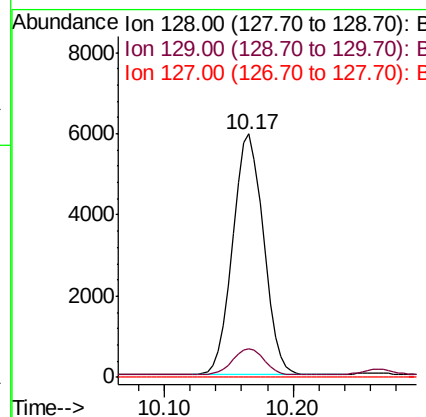
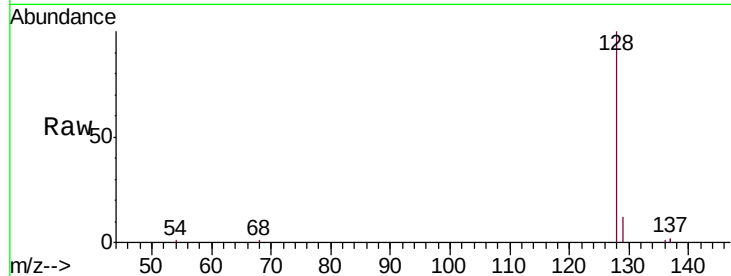
ClientSampleId :

A3YZ0

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.397 ng/ul

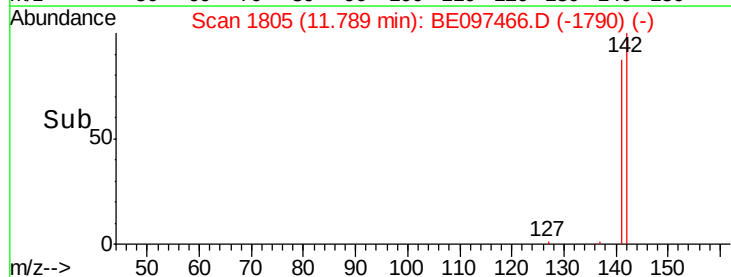
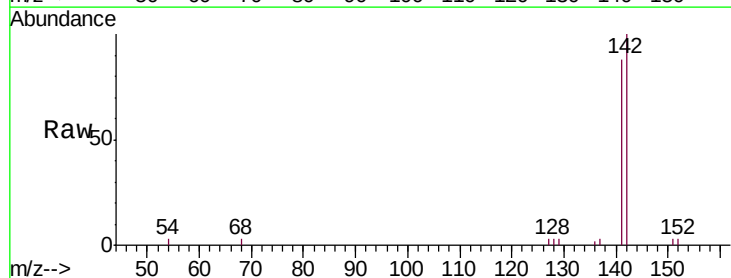
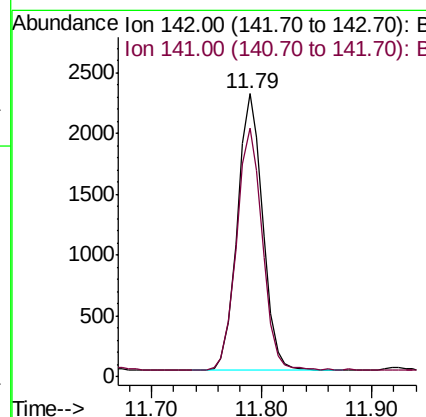
RT: 11.79 min Scan# 1805

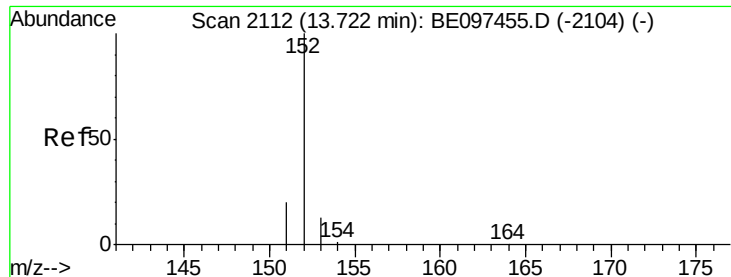
Delta R.T. -0.01 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.602 ng/ul

RT: 13.72 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

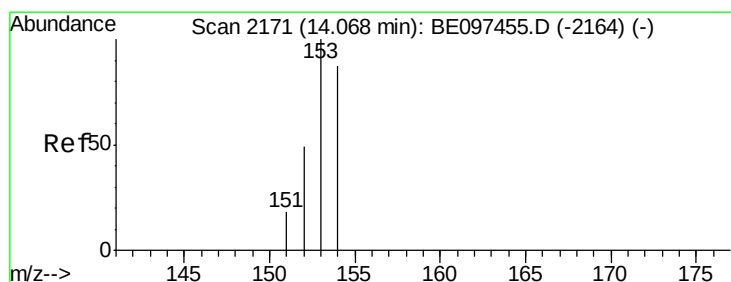
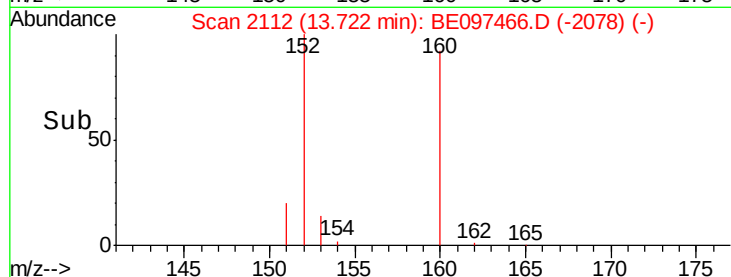
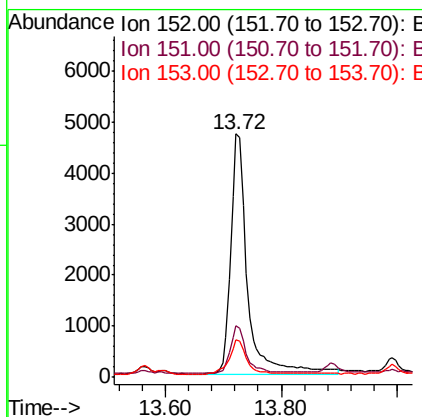
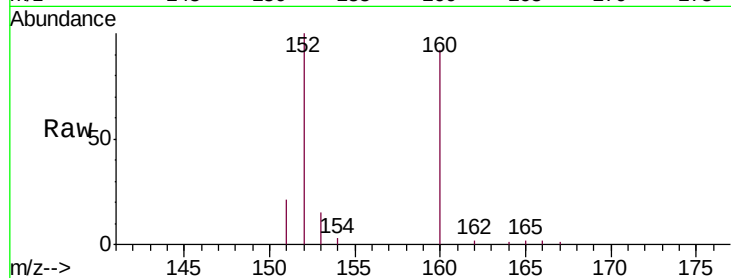
ClientSampleId :

A3YZ0

Tgt Ion:	152	Resp:	9457
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	15.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.480 ng/ul

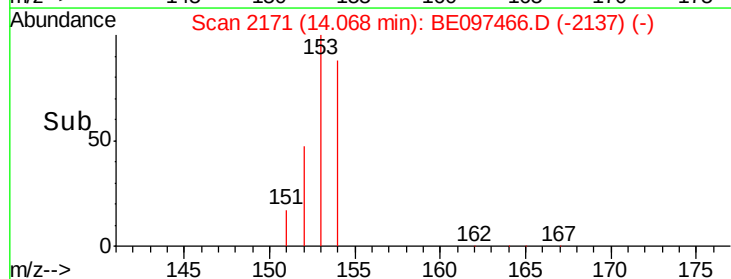
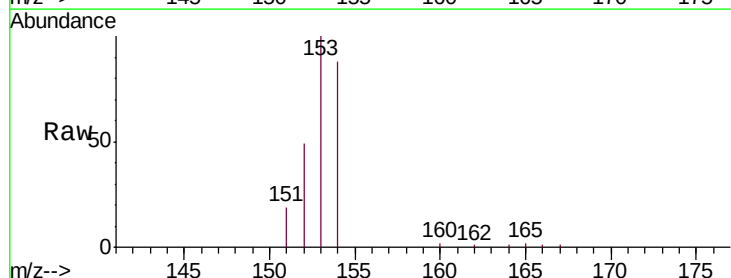
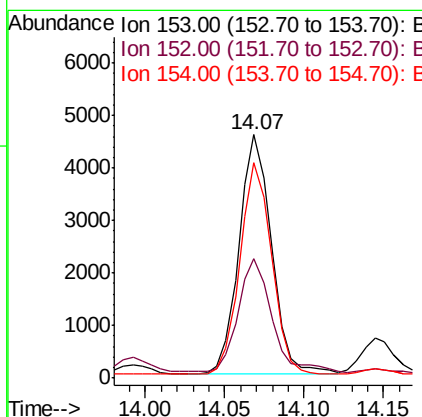
RT: 14.07 min Scan# 2171

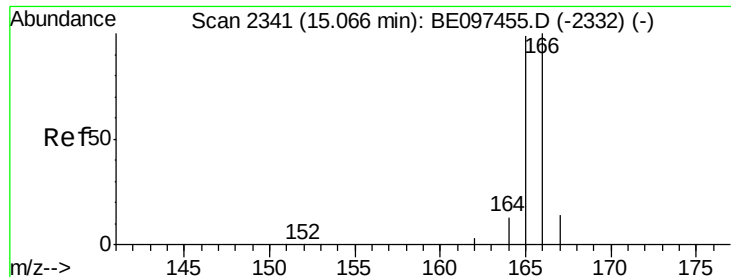
Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Tgt Ion:	153	Resp:	6478
Ion Ratio	Lower	Upper	
153	100		
152	49.3	36.0	54.0
154	88.4	72.0	108.0





#9

Fluorene

Concen: 0.518 ng/ul

RT: 15.07 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

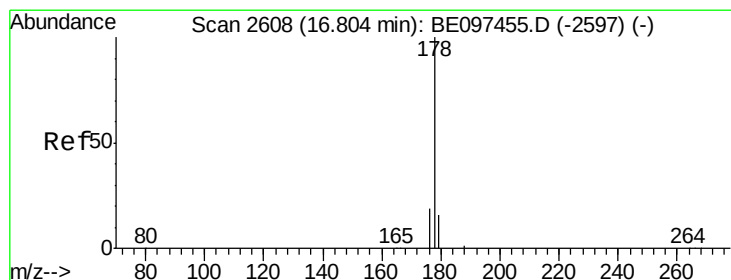
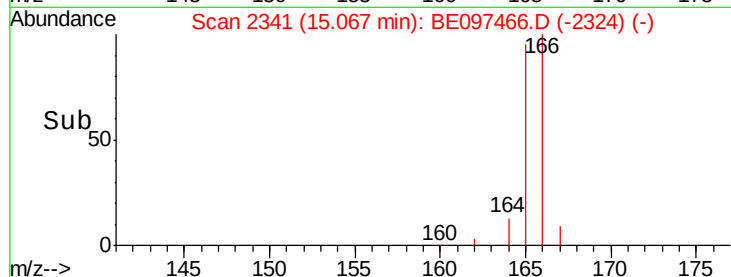
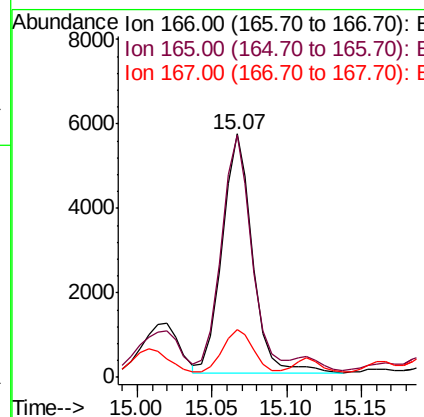
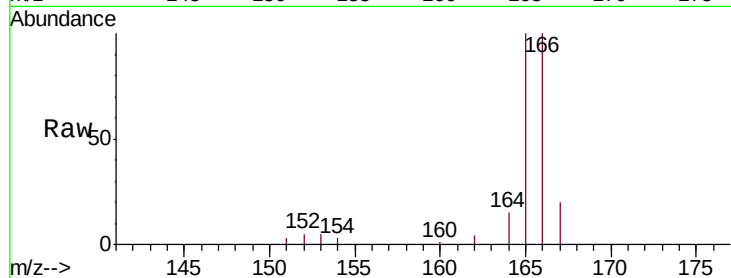
ClientSampleId :

A3YZ0

Tgt Ion:	166	Resp:	8011
Ion Ratio	Lower	Upper	
166	100		
165	99.7	73.4	110.2
167	19.8	14.6	22.0

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#12

Phenanthrene

Concen: 7.520 ng/ul m

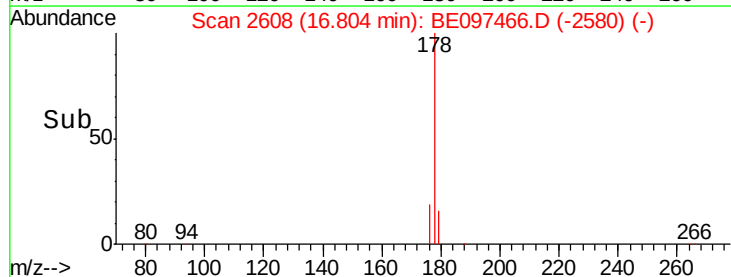
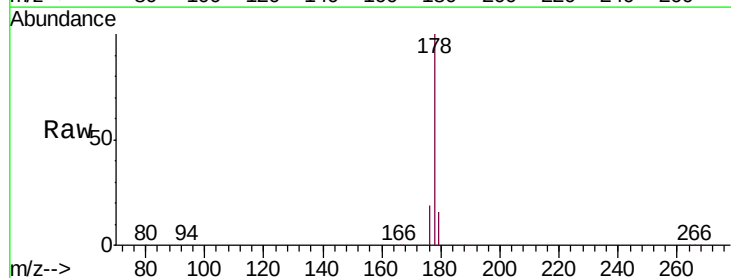
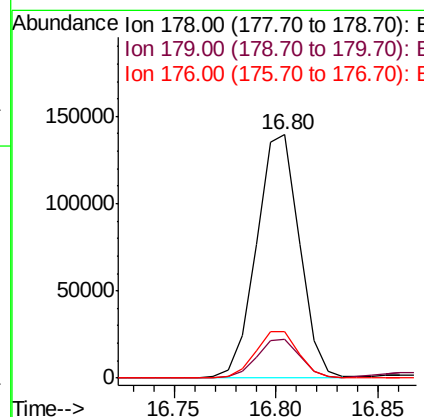
RT: 16.80 min Scan# 2608

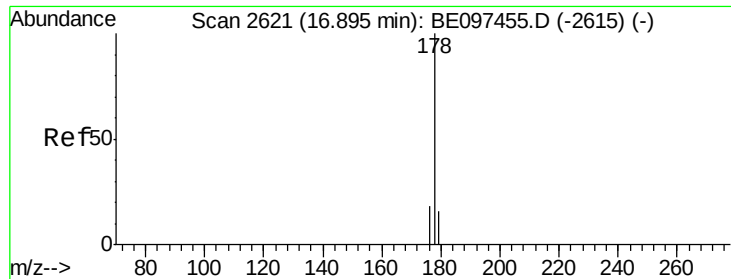
Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Tgt Ion:	178	Resp:	202838
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.4	27.6#
176	19.2	13.6	20.4





#13

Anthracene

Concen: 1.742 ng/ul m

RT: 16.89 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

A3YZ0

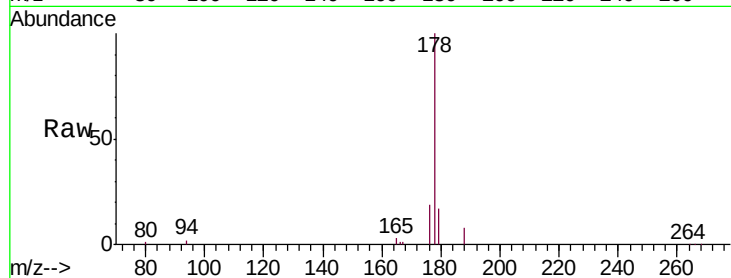
Tgt Ion:178 Resp: 39514

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.1	27.1#
176	19.1	14.7	22.1

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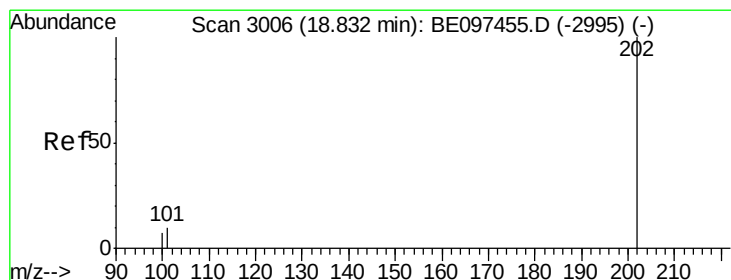
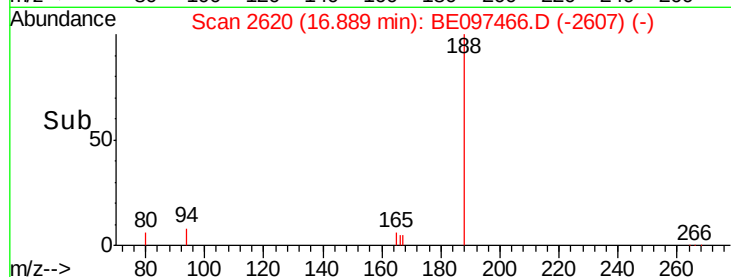
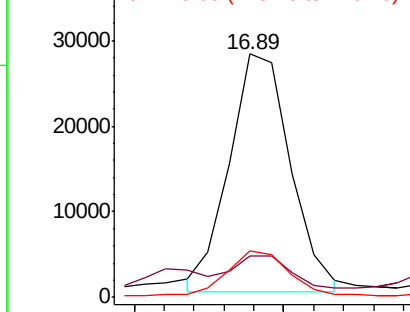
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 12.260 ng/ul m

RT: 18.83 min Scan# 3006

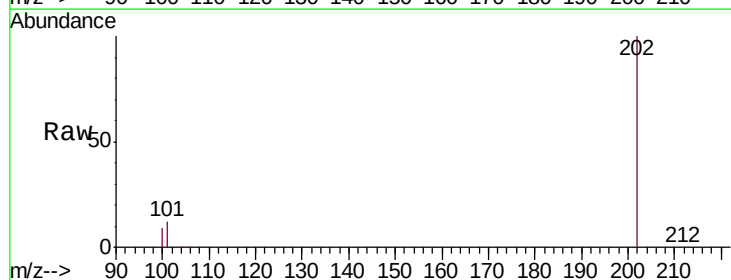
Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Tgt Ion:202 Resp: 424867

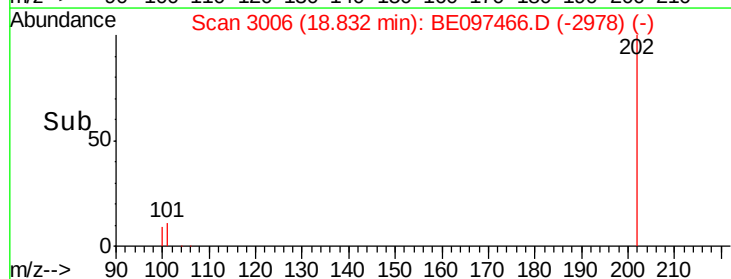
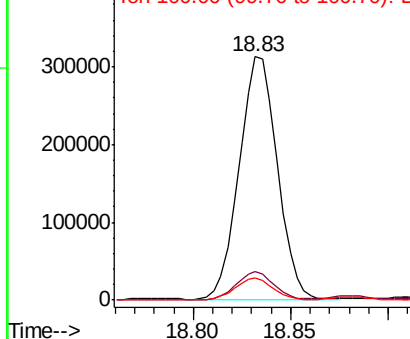
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.1	0.0	39.5

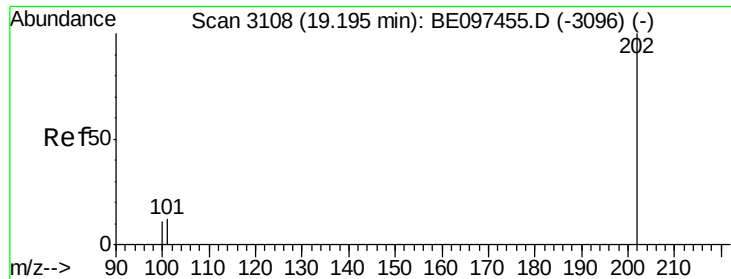


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 12.705 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

A3YZ0

Tgt Ion:202 Resp: 387877

Ion Ratio Lower Upper

202 100

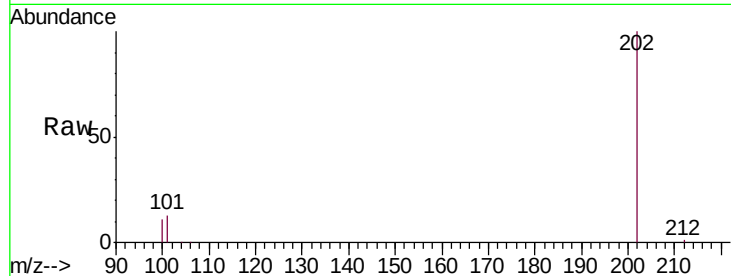
101 13.0 18.2 27.4#

100 10.9 15.6 23.4#

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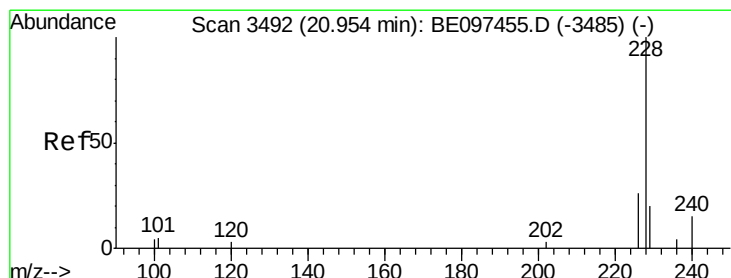
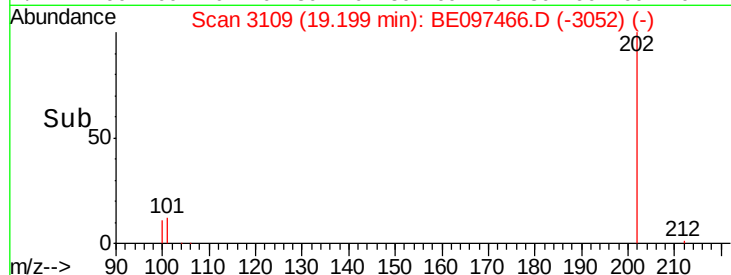
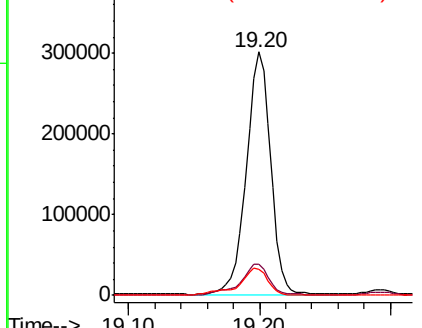
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 7.185 ng/ul m

RT: 20.96 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Tgt Ion:228 Resp: 209384

Ion Ratio Lower Upper

228 100

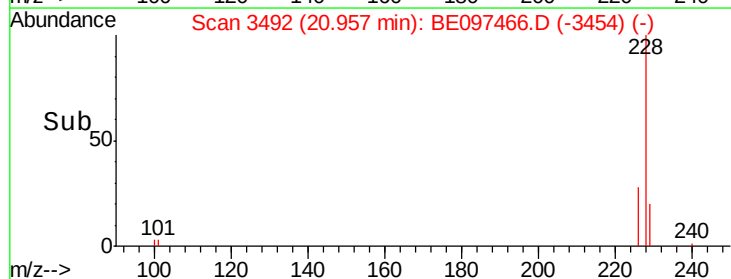
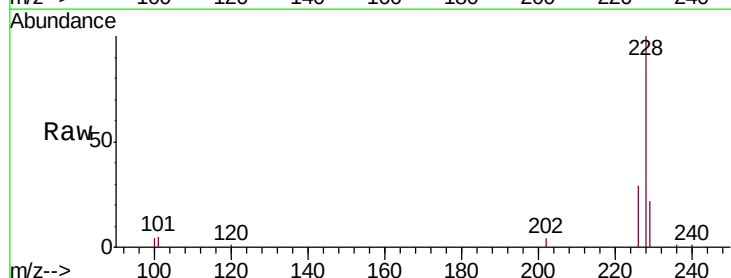
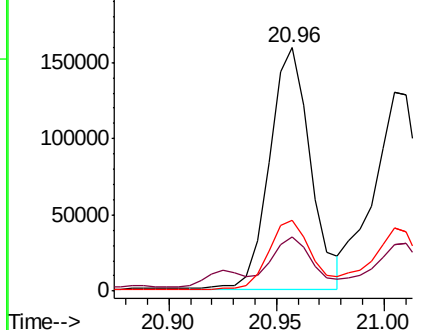
229 22.0 22.8 34.2#

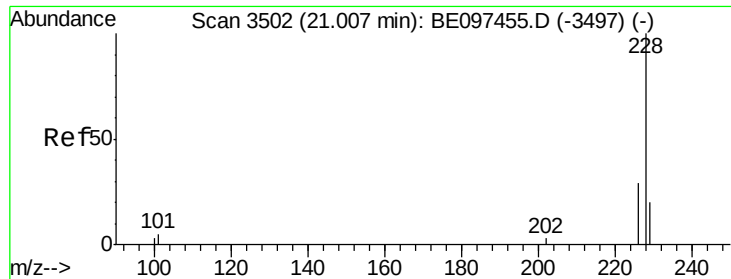
226 29.1 17.0 25.6#

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

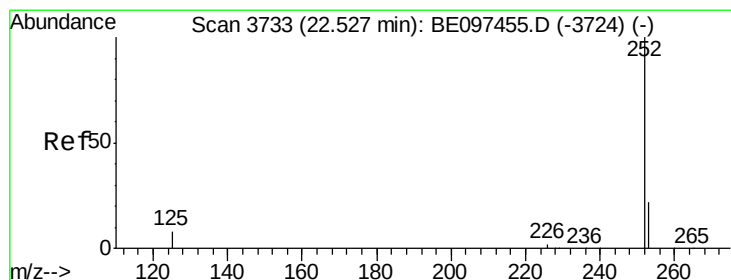
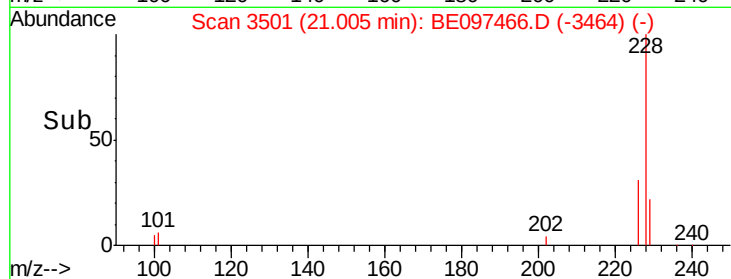
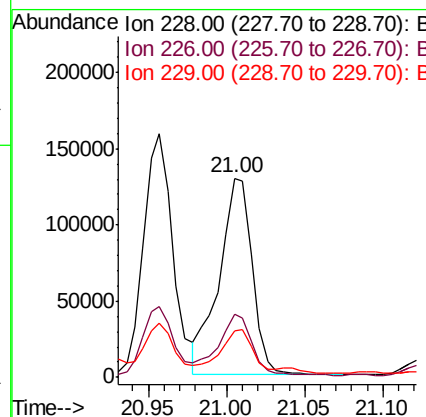
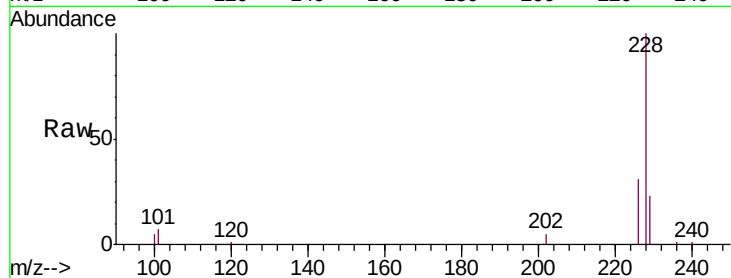
Concen: 5.668 ng/ul
 RT: 21.00 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: BE097466.D
 Acq: 13 Sep 2018 00:35

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	190305		
226	31.5	23.4	35.0	
229	23.4	17.7	26.5	

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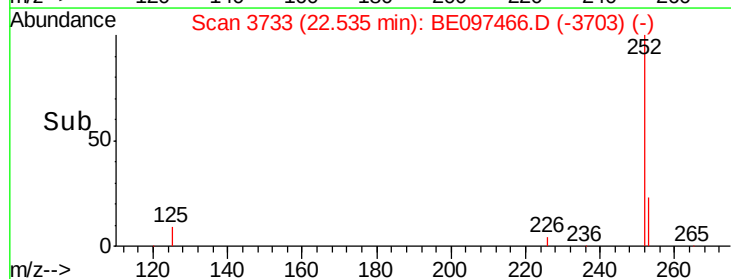
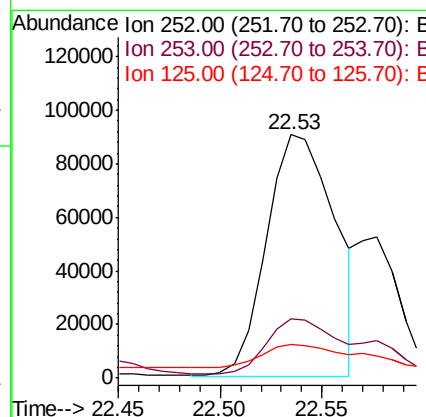
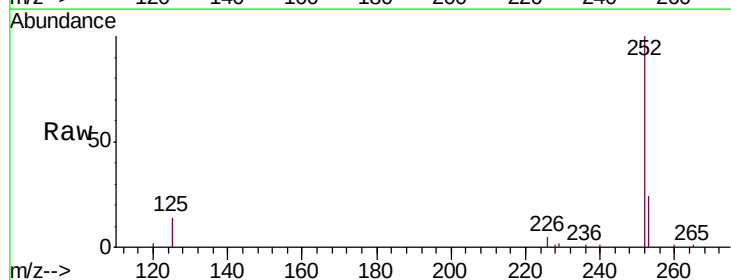


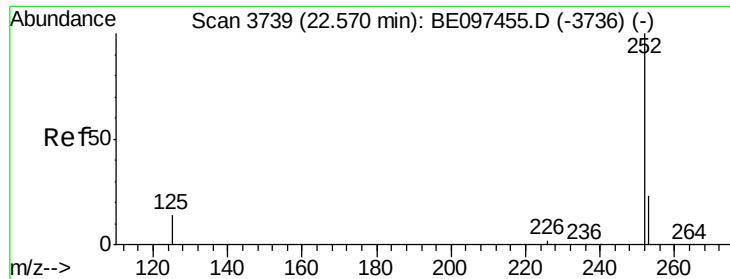
#21

Benzo(b)fluoranthene

Concen: 6.497 ng/ul m
 RT: 22.53 min Scan# 3733
 Delta R.T. 0.01 min
 Lab File: BE097466.D
 Acq: 13 Sep 2018 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	211626		
253	24.3	0.0	64.2	
125	13.6	0.0	35.0	





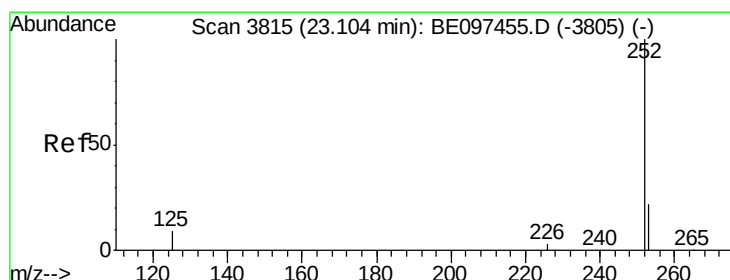
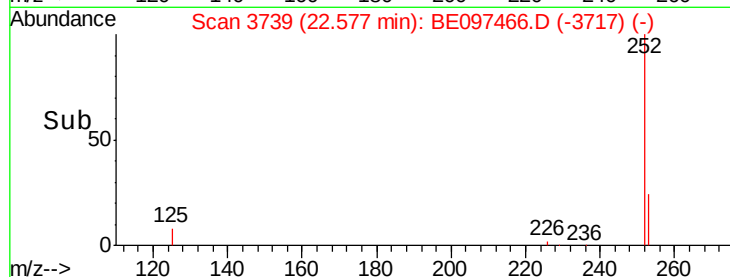
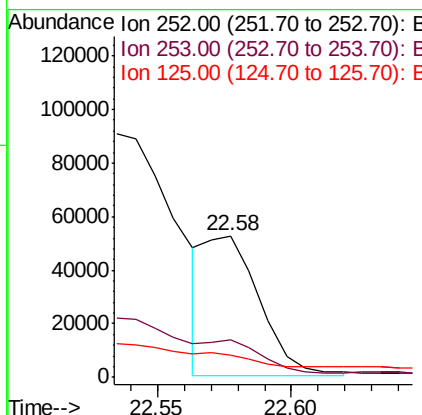
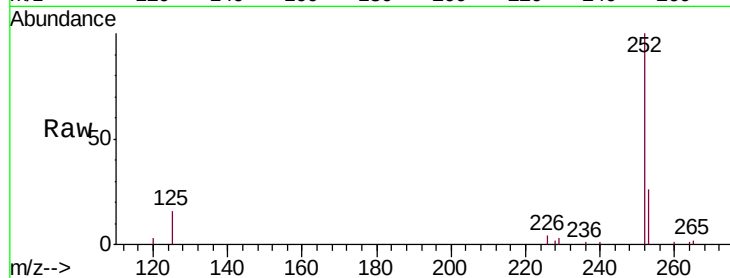
#22
Benzo(k)fluoranthene
Concen: 2.039 ng/ul m
RT: 22.58 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BE097466.D
Acq: 13 Sep 2018 00:35

Instrument :
BNA_E
ClientSampleId :
A3YZ0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	24.5	36.7
125	15.9	13.7	20.5

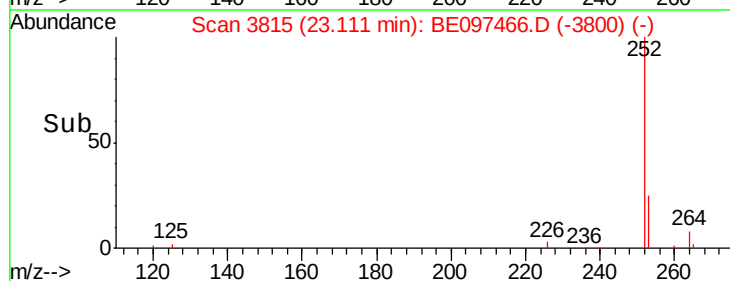
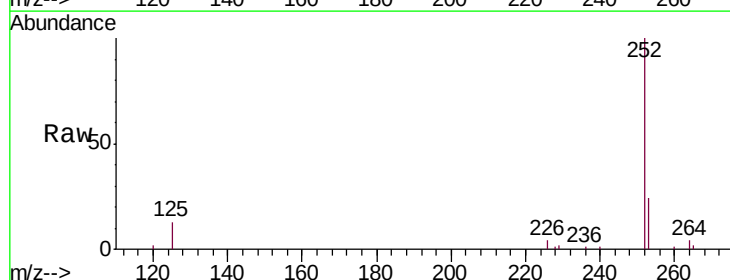
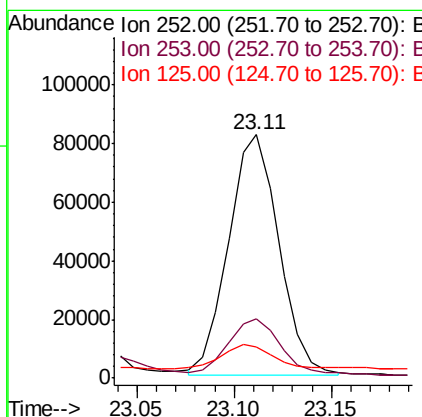
Manual Integrations
APPROVED

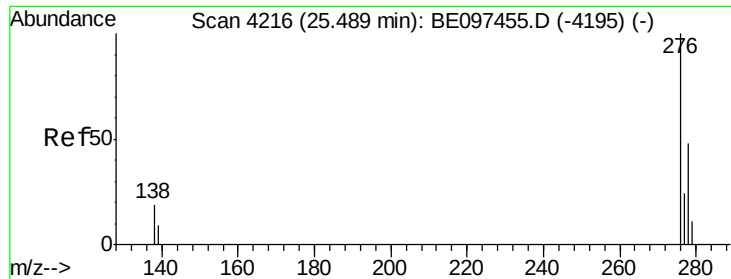
Sohil
9/13/2018 5:42:33 PM



#23
Benzo(a)pyrene
Concen: 4.932 ng/ul m
RT: 23.11 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE097466.D
Acq: 13 Sep 2018 00:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	12.6	18.1	27.1#





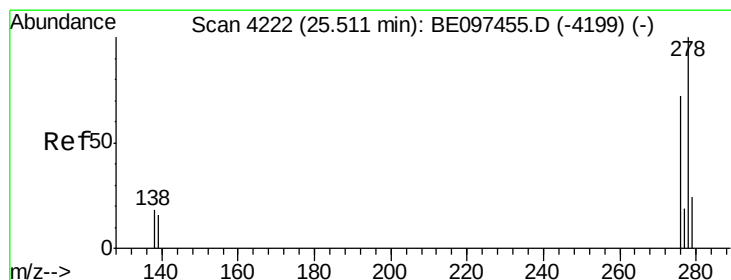
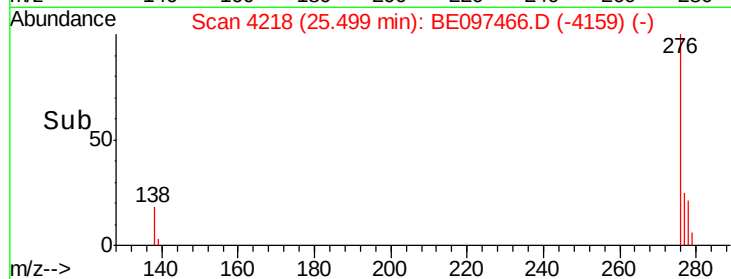
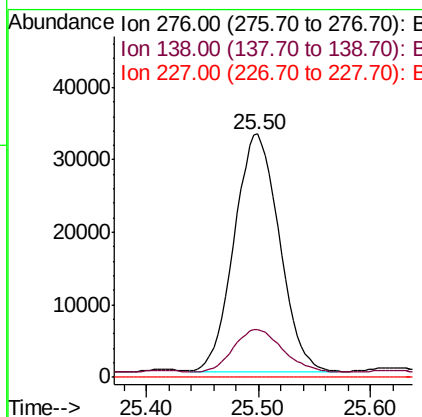
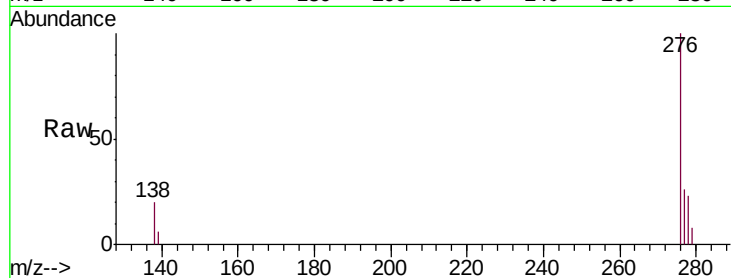
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.349 ng/ul m
 RT: 25.50 min Scan# 4218
 Delta R.T. 0.01 min
 Lab File: BE097466.D
 Acq: 13 Sep 2018 00:35

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	91731		
138	1.5	28.0	42.0#	
227	0.0	8.0	12.0#	

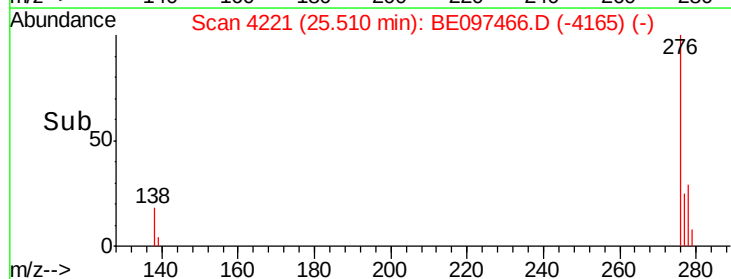
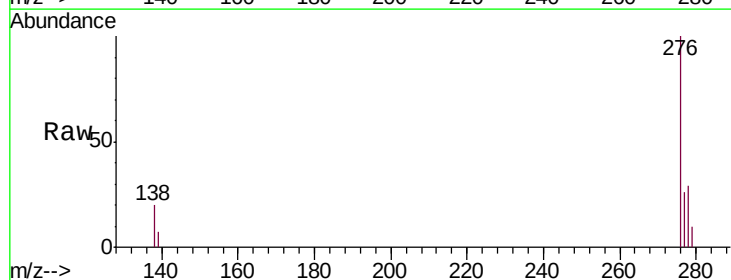
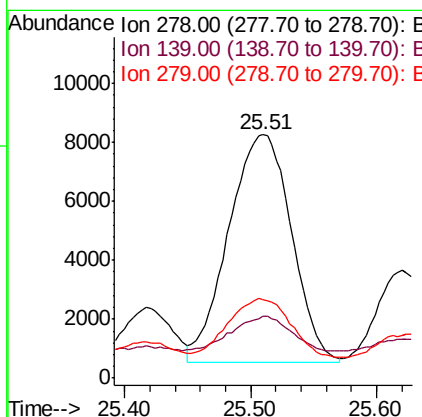
Manual Integrations
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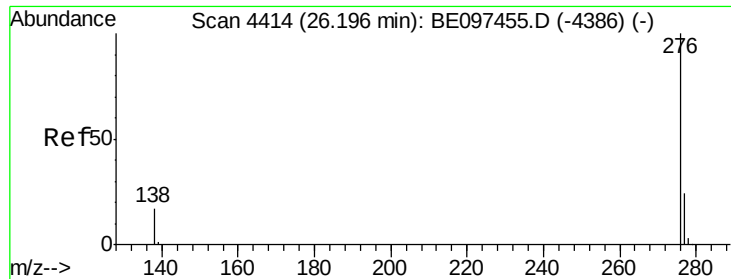
Sohil
 9/13/2018 5:42:33 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.809 ng/ul m
 RT: 25.51 min Scan# 4221
 Delta R.T. -0.00 min
 Lab File: BE097466.D
 Acq: 13 Sep 2018 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	26774		
139	25.3	17.4	26.0	
279	32.3	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 2.428 ng/ul

RT: 26.20 min Scan# 4415

Delta R.T. 0.01 min

Lab File: BE097466.D

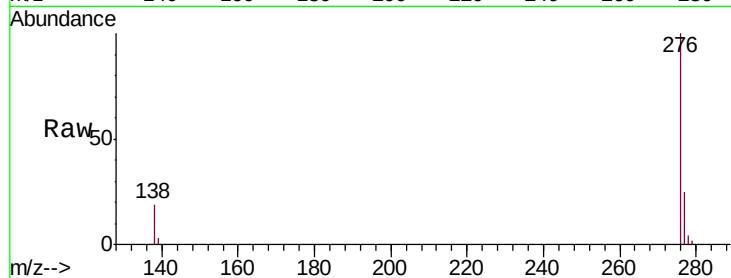
Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

A3YZ0



Tgt Ion: 276 Resp: 80830

Ion Ratio Lower Upper

276 100

138 19.5 21.8 32.8#

277 24.8 20.5 30.7

Manual Integrations

APPROVED

Sohil

9/13/2018 5:42:33 PM

