

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
 Data File : BE096868.D
 Acq On : 7 Jul 2018 00:18
 Operator : SJ/JU
 Sample : J3721-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H04

Manual Integrations
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Sohil
 7/9/2018 4:14:14 PM

Quant Time: Jul 09 05:51:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3511	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	18939	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12557	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	29385m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	28645m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	27107m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8281	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	21838m	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.19	128	2032	0.044	ng/ul#	94
5) 2-Methylnaphthalene	11.81	142	658	0.021	ng/ul	94
7) Acenaphthylene	13.75	152	53943	1.048	ng/ul	96
8) Acenaphthene	14.09	153	1601	0.038	ng/ul#	87
9) Fluorene	15.08	166	1973	0.045	ng/ul#	92
12) Phenanthrene	16.82	178	38918m	0.514	ng/ul	
13) Anthracene	16.91	178	61268m	0.952	ng/ul	
15) Fluoranthene	18.85	202	649540m	8.049	ng/ul	
17) Pyrene	19.21	202	902390	9.597	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	417901m	6.185	ng/ul	
19) Chrysene	21.02	228	685684	7.833	ng/ul	96
21) Benzo(b)fluoranthene	22.55	252	1483860m	20.057	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	431114m	5.337	ng/ul	
23) Benzo(a)pyrene	23.12	252	615022m	9.828	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	436637m	6.722	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	105098m	2.037	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	320236m	5.079	ng/ul	

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

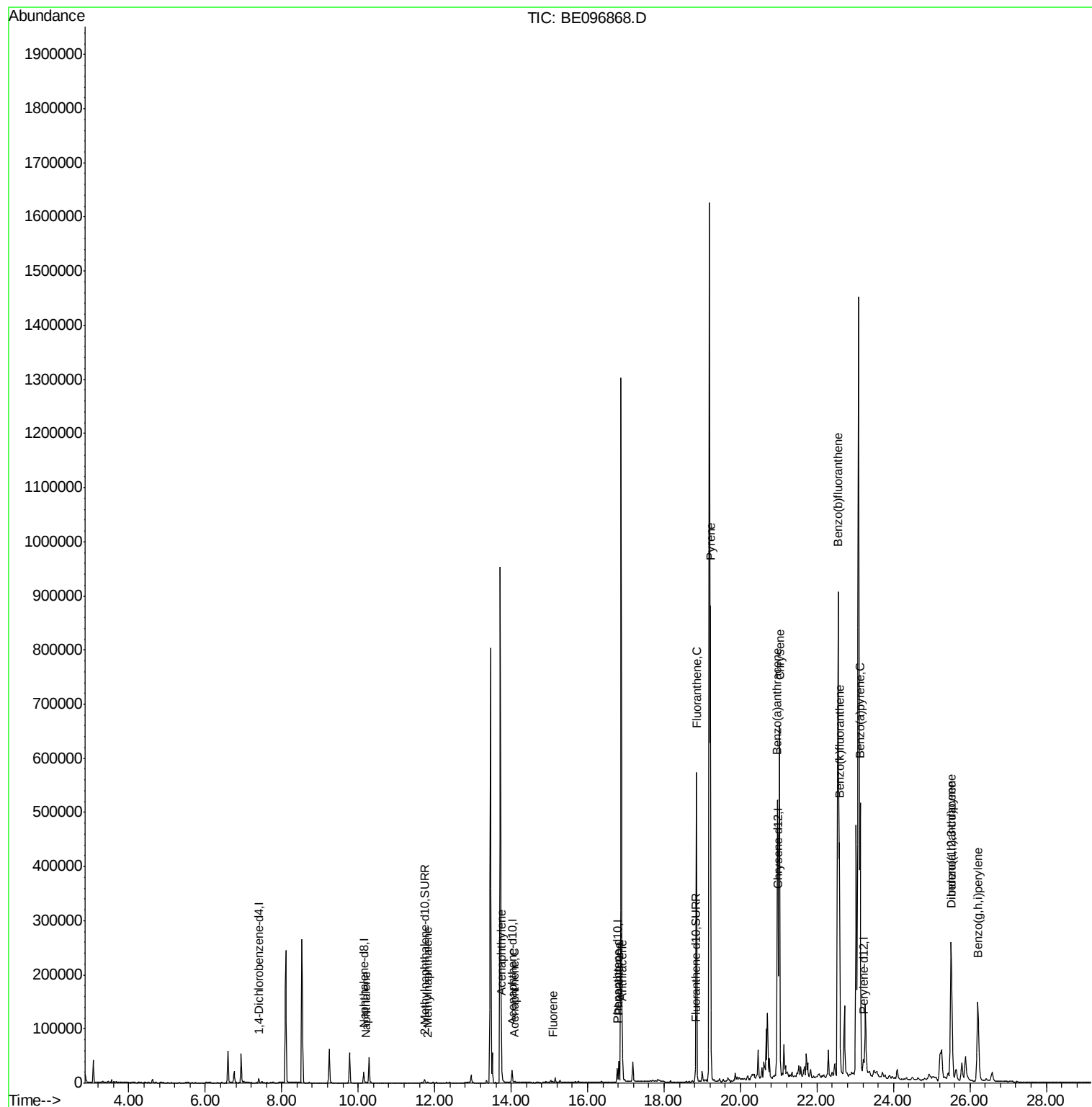
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096868.D
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ALS Vial : 19 Sample Multiplier: 1

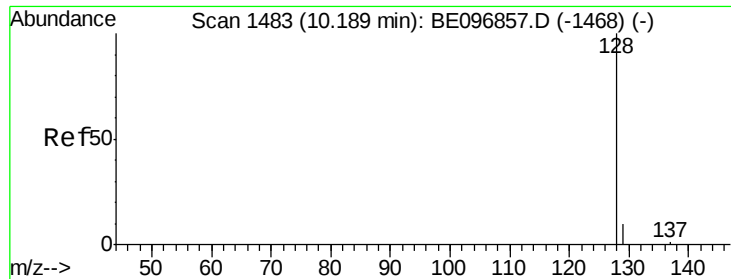
Instrument :
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F1H04

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#3

Naphthalene

Concen: 0.044 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

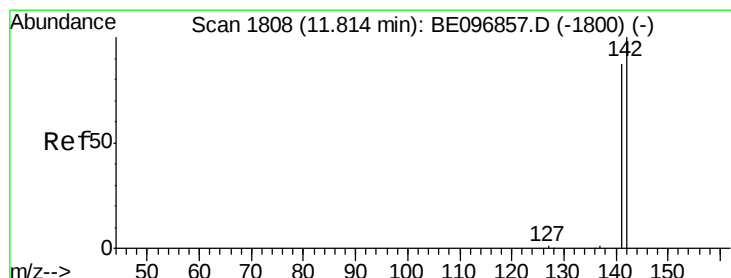
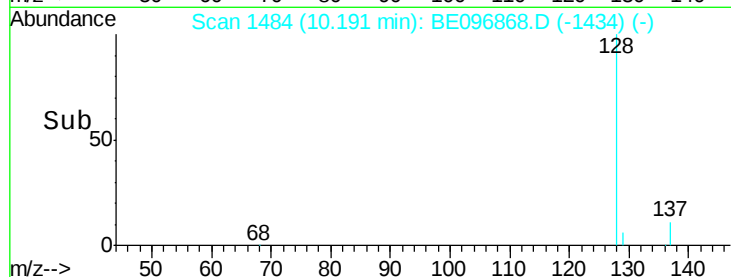
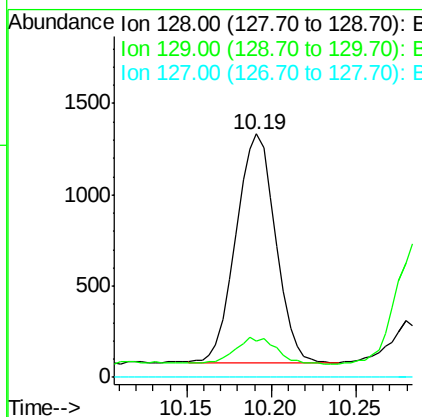
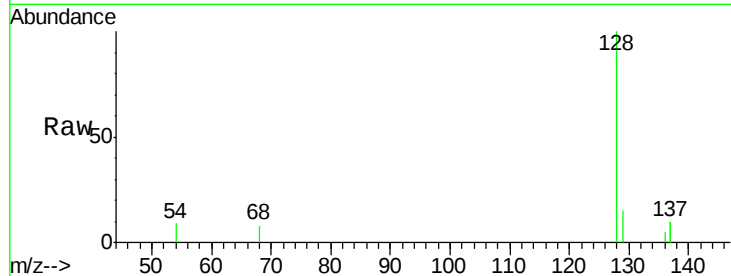
F1H04

Tgt Ion:128 Resp: 2032

Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 11.81 min Scan# 1808

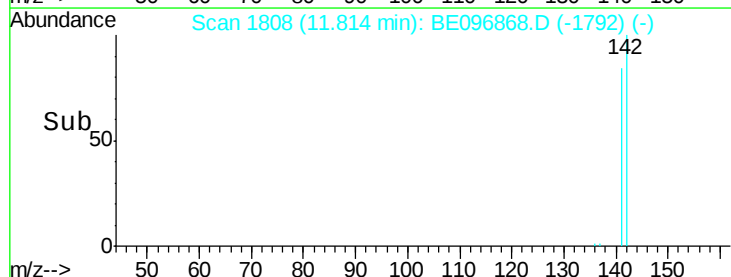
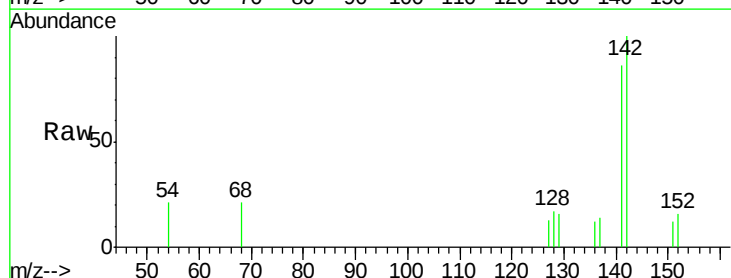
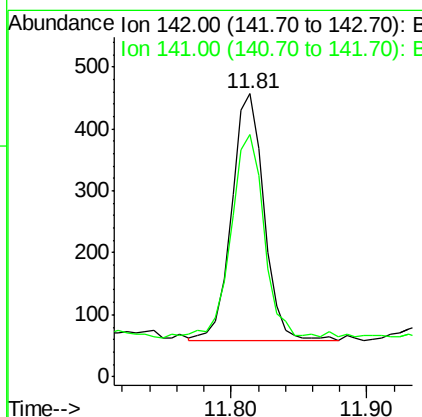
Delta R.T. 0.00 min

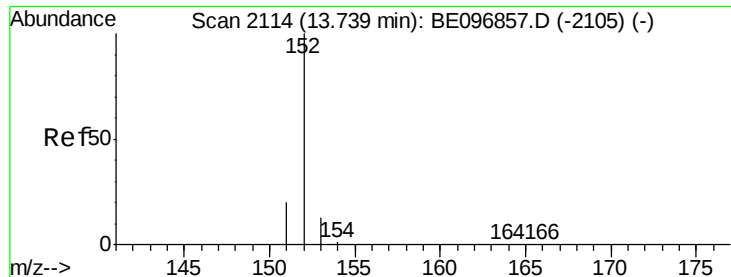
Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Tgt Ion:142 Resp: 658

Ion	Ratio	Lower	Upper
142	100		
141	85.0	72.6	108.8





#7

Acenaphthylene

Concen: 1.048 ng/ul

RT: 13.75 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

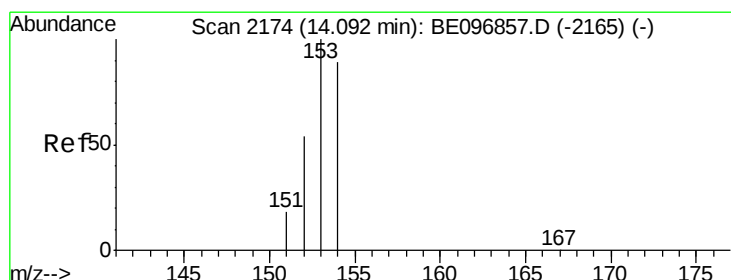
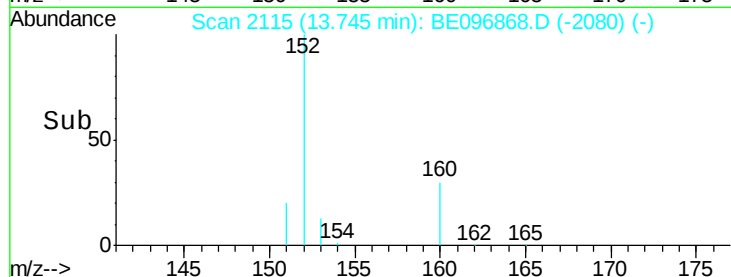
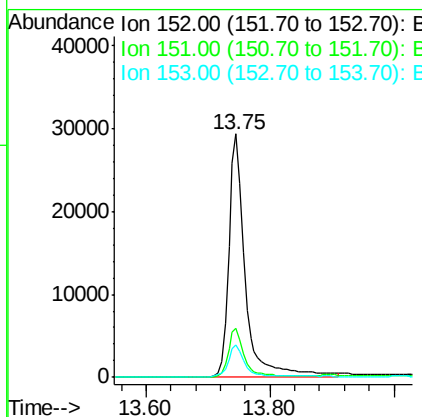
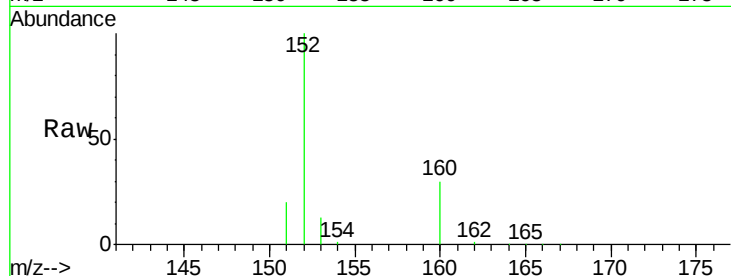
ClientSampleId :

F1H04

Tgt Ion:	152	Resp:	53943
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.1	25.7
153	13.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.038 ng/ul

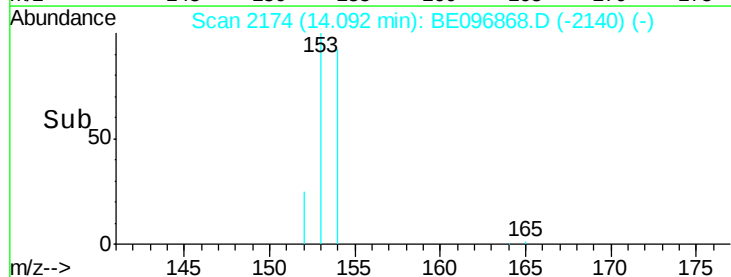
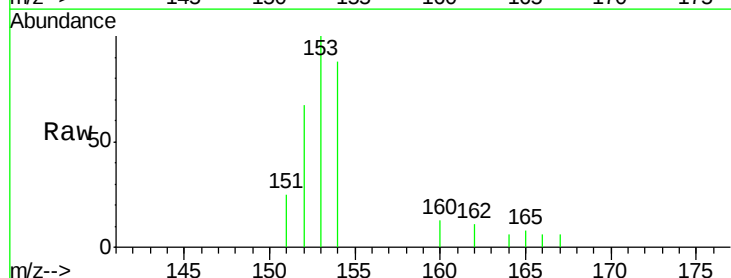
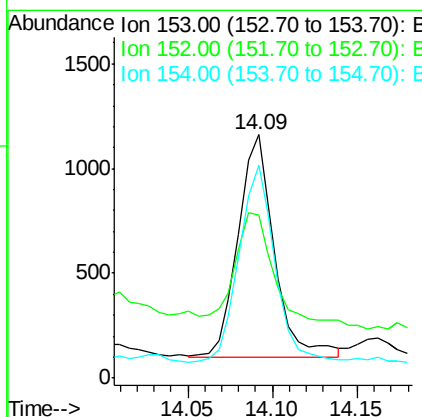
RT: 14.09 min Scan# 2174

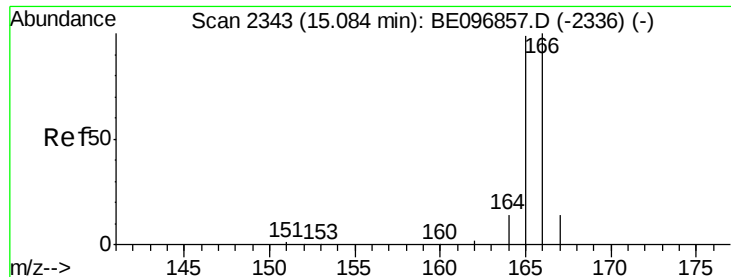
Delta R.T. 0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Tgt Ion:	153	Resp:	1601
Ion Ratio	Lower	Upper	
153	100		
152	67.1	36.0	54.0#
154	87.5	72.0	108.0





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampled :

F1H04

Tgt Ion:166 Resp: 1973

Ion Ratio Lower Upper

166 100

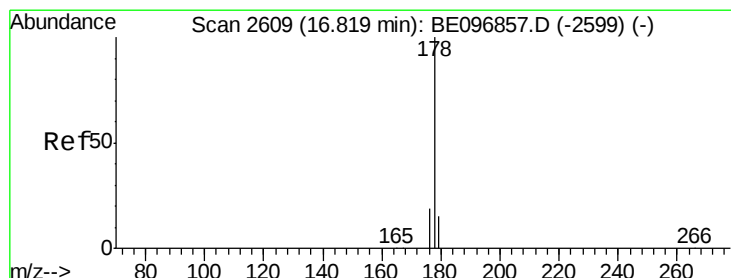
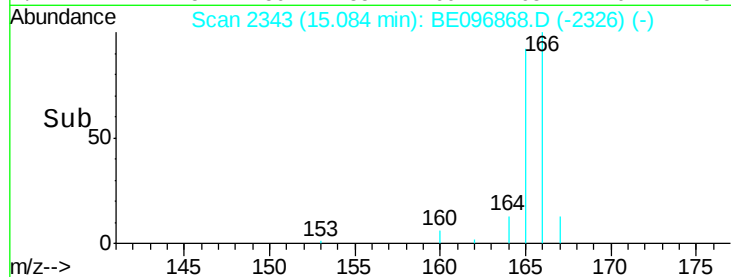
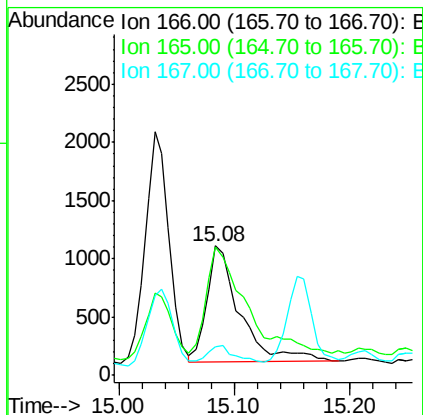
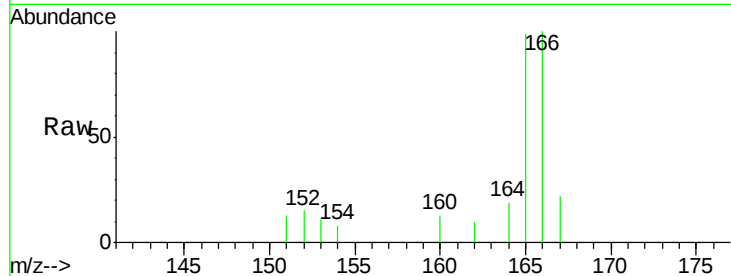
165 99.1 73.4 110.2

167 22.5 14.6 22.0#

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#12

Phenanthrene

Concen: 0.514 ng/ul m

RT: 16.82 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

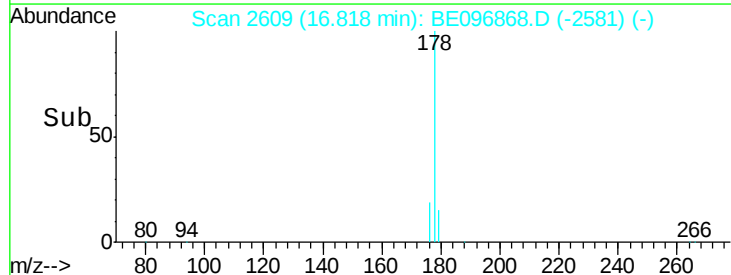
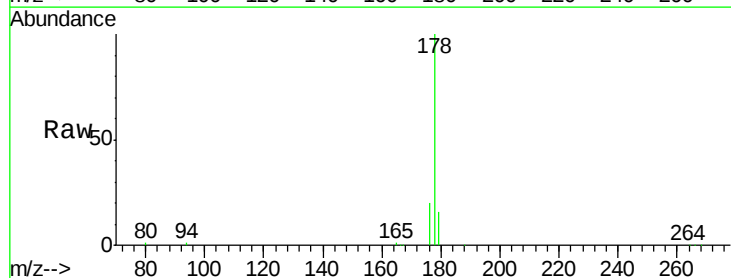
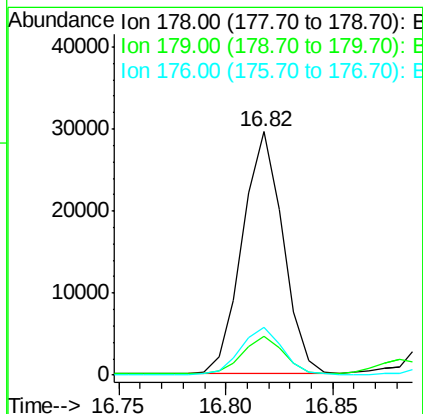
Tgt Ion:178 Resp: 38918

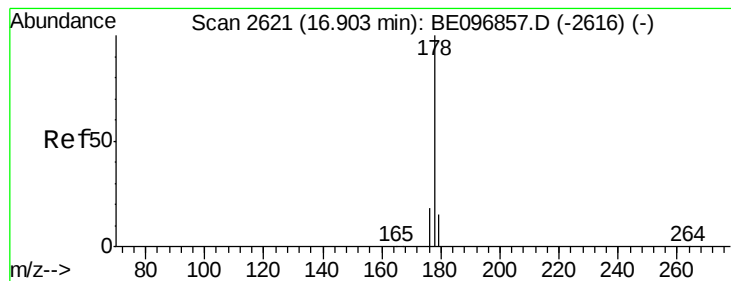
Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 19.6 13.6 20.4





#13

Anthracene

Concen: 0.952 ng/ul m

RT: 16.91 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

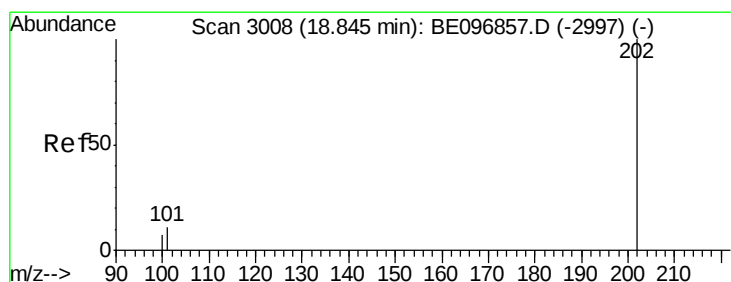
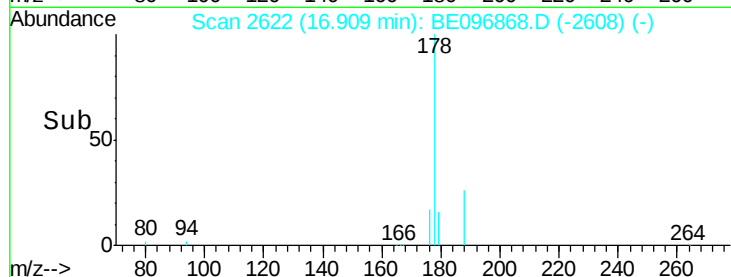
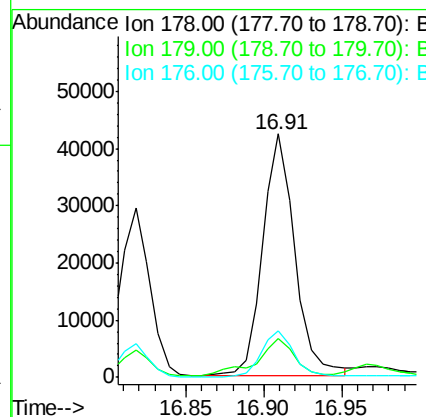
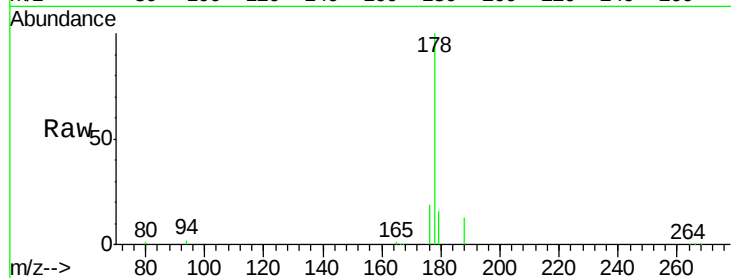
F1H04

Tgt Ion:178 Resp: 61268

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.1	14.7	22.1

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#15

Fluoranthene

Concen: 8.049 ng/ul m

RT: 18.85 min Scan# 3009

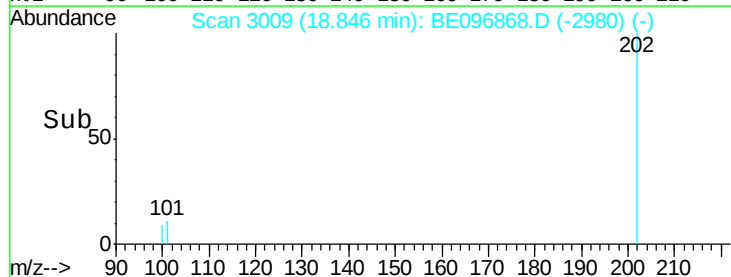
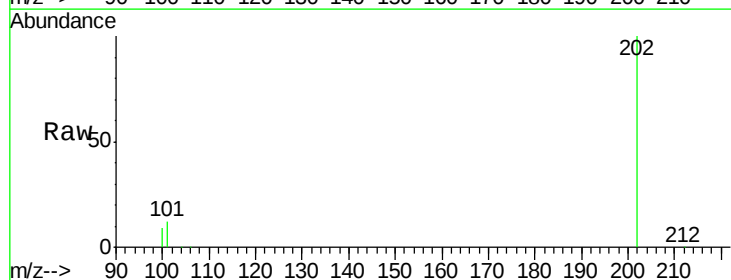
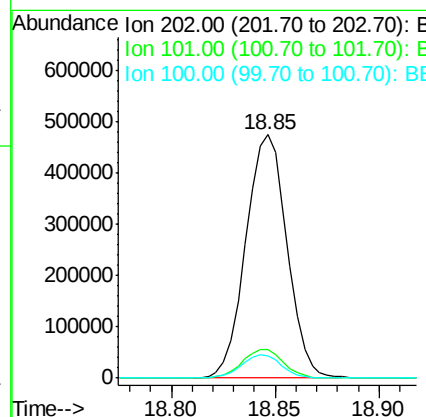
Delta R.T. 0.00 min

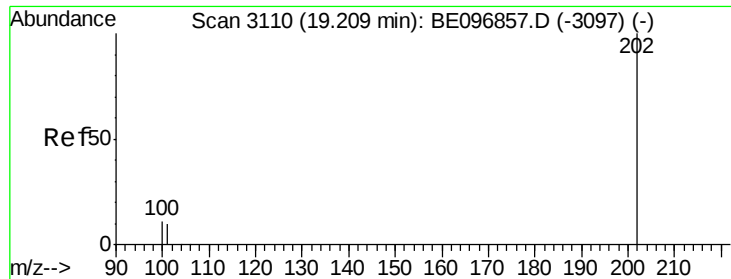
Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Tgt Ion:202 Resp: 649540

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5





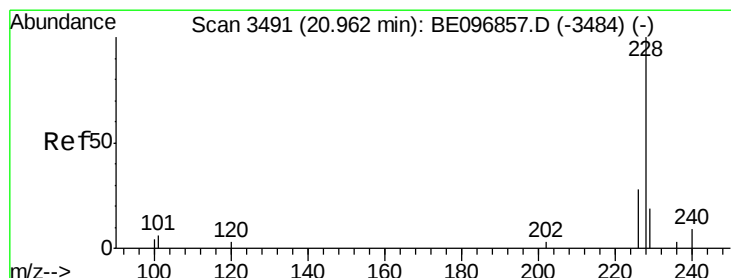
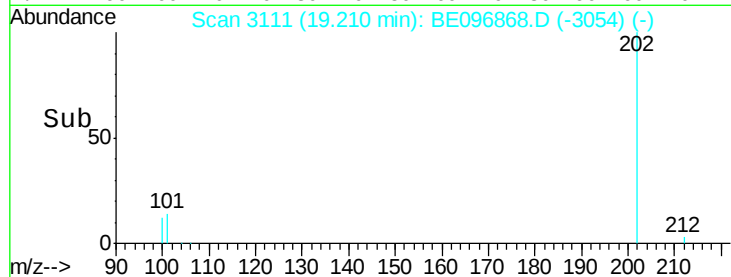
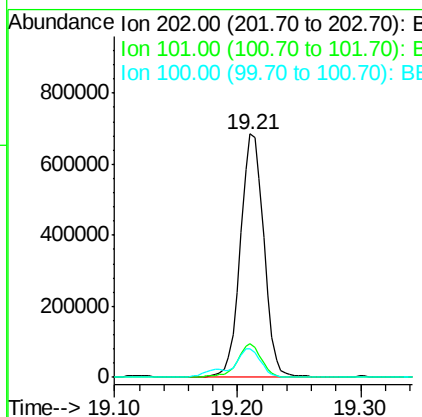
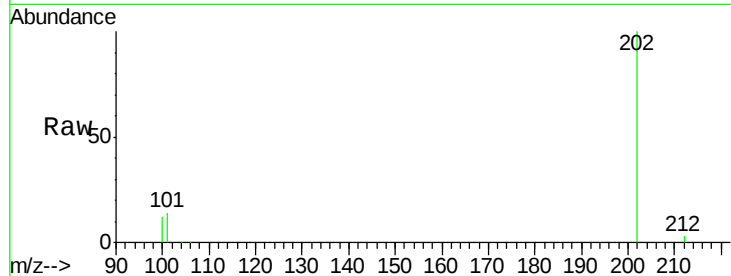
#17
Pyrene
Concen: 9.597 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Instrument :
BNA_E
ClientSampleId :
F1H04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	902390		
101	13.7	18.2	27.4#	
100	11.9	15.6	23.4#	

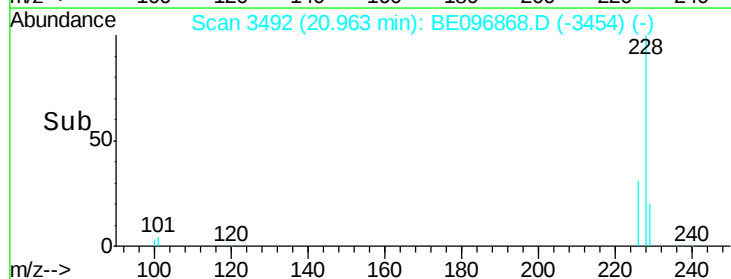
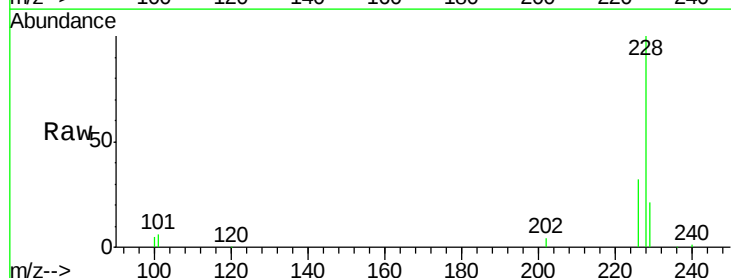
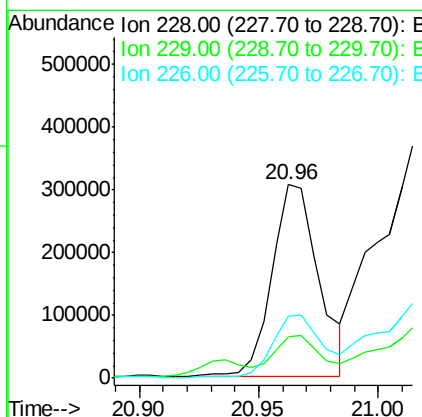
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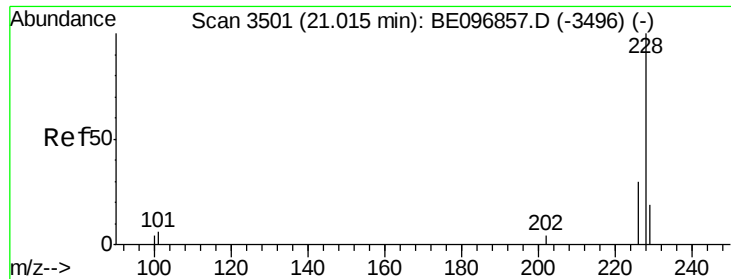
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#18
Benzo(a)anthracene
Concen: 6.185 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	417901		
229	21.2	22.8	34.2#	
226	31.7	17.0	25.6#	





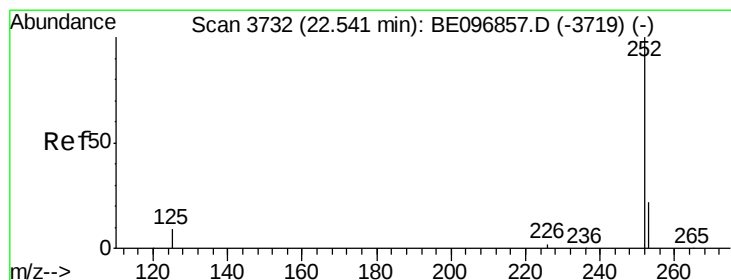
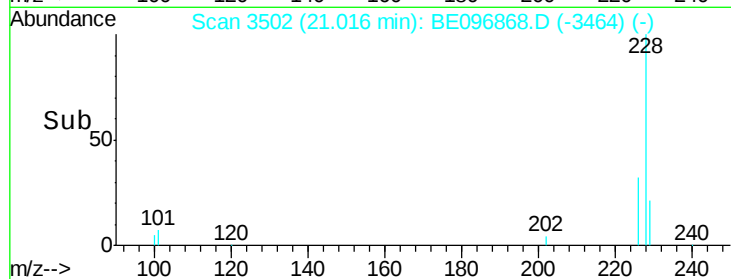
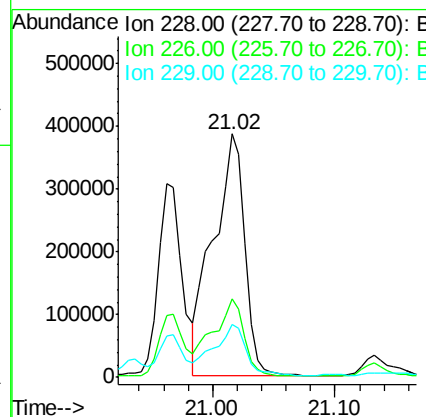
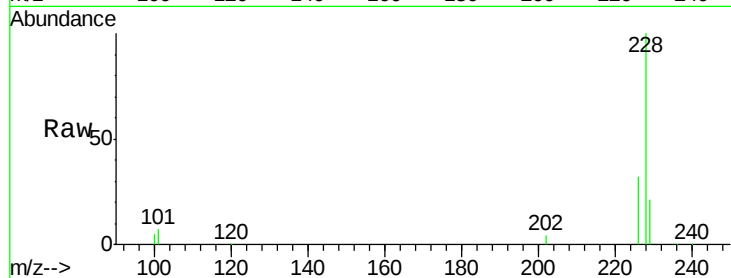
#19
Chrysene
Concen: 7.833 ng/ul
RT: 21.02 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Instrument :
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ClientSampleId :
F1H04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	21.5	17.7	26.5

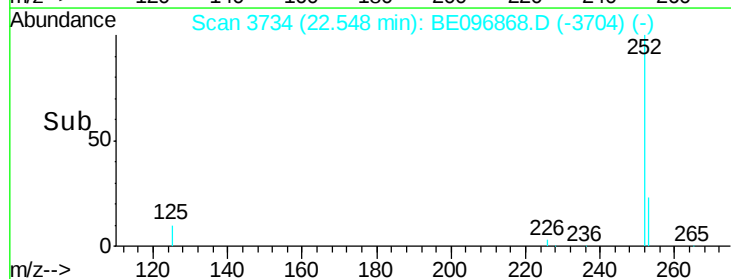
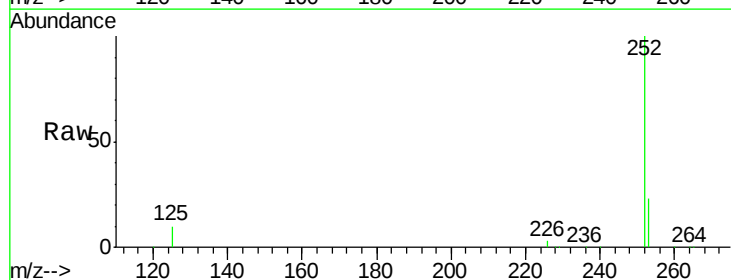
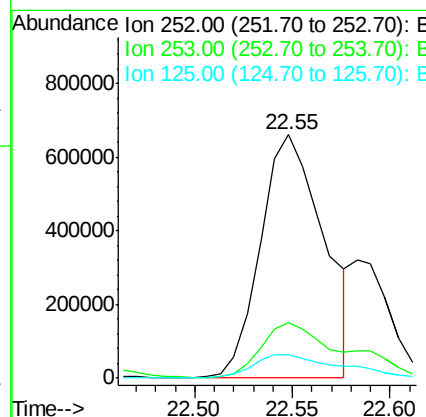
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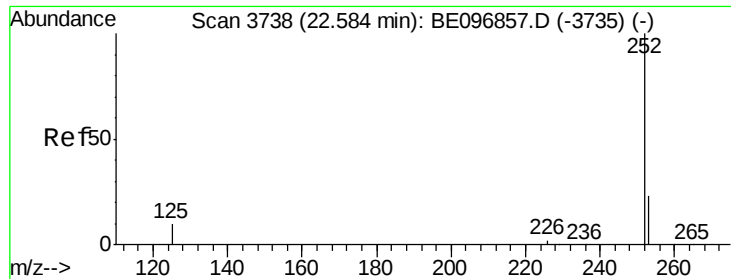
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#21
Benzo(b)fluoranthene
Concen: 20.057 ng/ul m
RT: 22.55 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	9.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.337 ng/ul m

RT: 22.58 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE096868.D

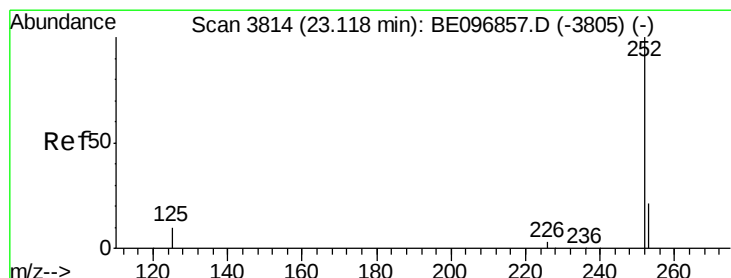
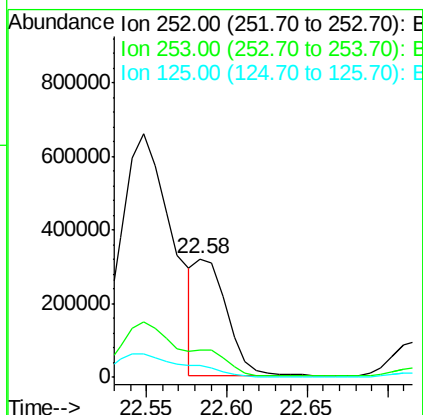
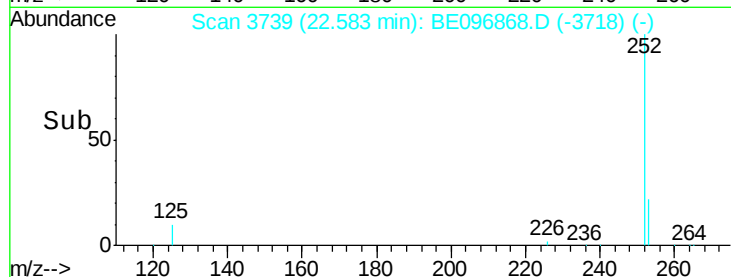
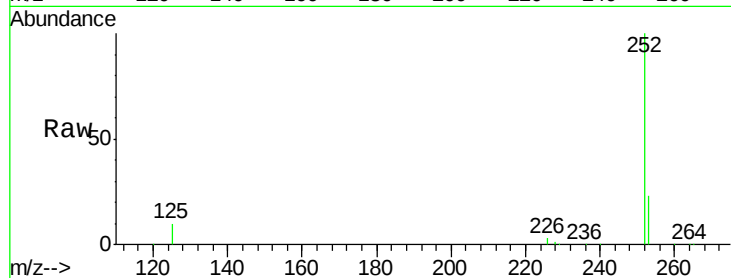
Acq: 7 Jul 2018 00:18

Instrument :
BNA_E
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F1H04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	24.5	36.7#
125	9.9	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 9.828 ng/ul m

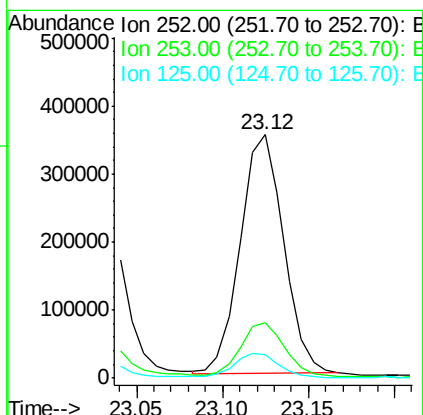
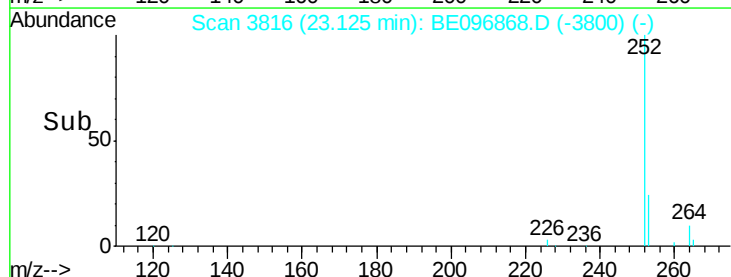
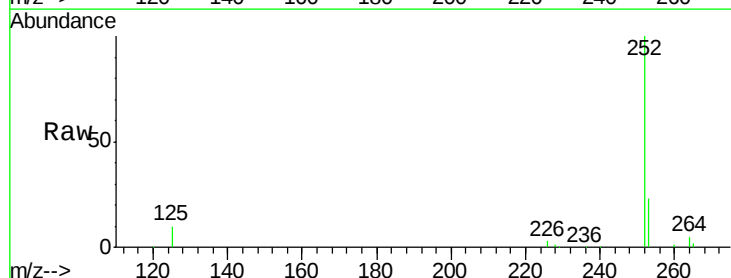
RT: 23.12 min Scan# 3816

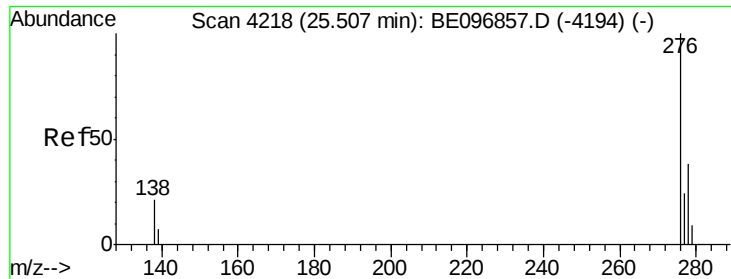
Delta R.T. 0.01 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	9.5	18.1	27.1#





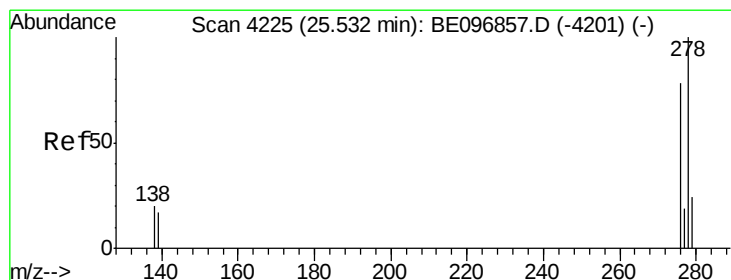
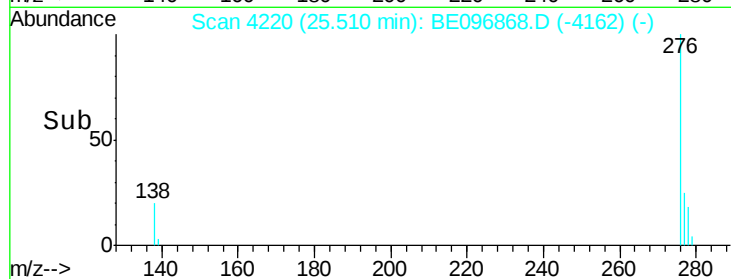
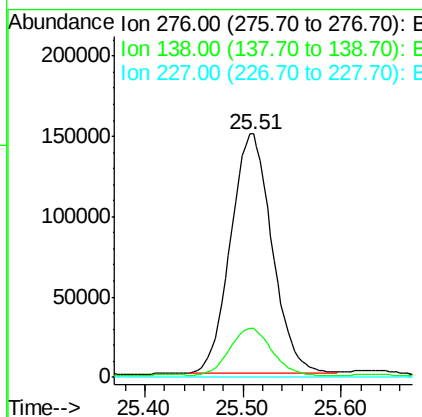
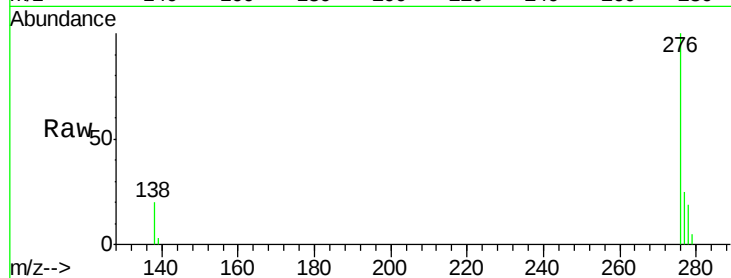
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.722 ng/ul m
RT: 25.51 min Scan# 4220
Delta R.T. 0.01 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Instrument :
BNA_E
ClientSampleId :
F1H04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	436637		
138	1.5	28.0	42.0#	
227	0.0	8.0	12.0#	

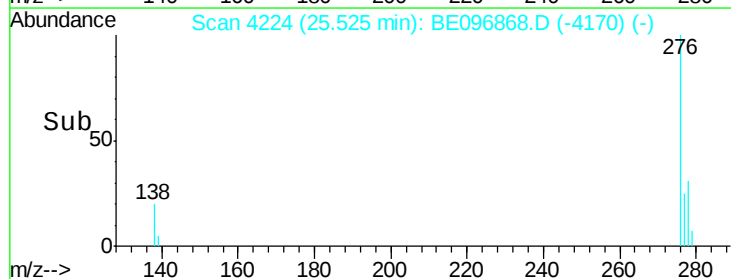
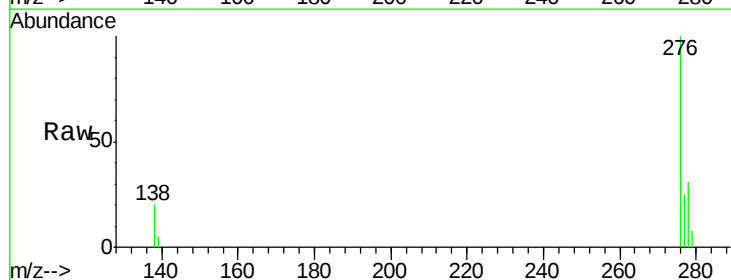
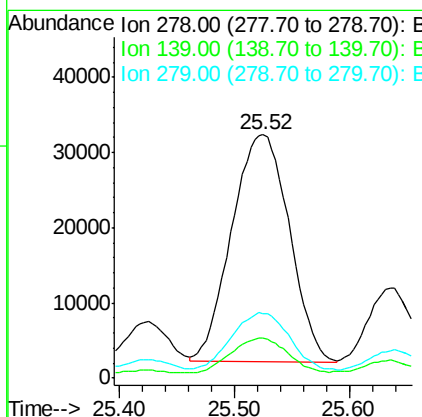
Manual Integrations
APPROVED

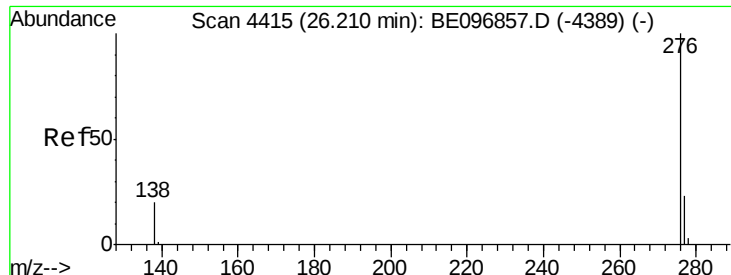
Sohil
7/9/2018 4:14:14 PM



#25
Dibenzo(a,h)anthracene
Concen: 2.037 ng/ul m
RT: 25.52 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	105098		
139	16.3	17.4	26.0#	
279	26.2	25.9	38.9	





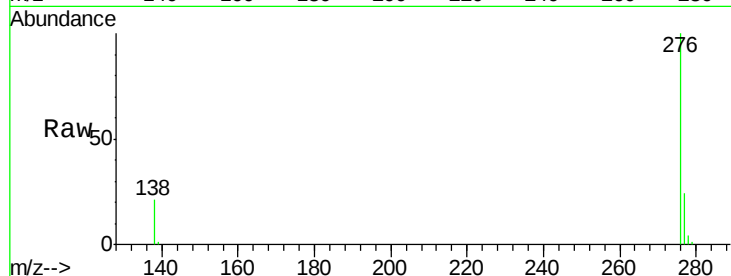
#26
 Benzo(g,h,i)perylene
 Concen: 5.079 ng/ul m
 RT: 26.21 min Scan# 4416
 Delta R.T. 0.01 min
 Lab File: BE096868.D
 Acq: 7 Jul 2018 00:18

Instrument :
 BNA_E
 ClientSampleId :
 F1H04

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.9	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:14 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

