

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
 Data File : BE096865.D
 Acq On : 6 Jul 2018 22:27
 Operator : SJ/JU
 Sample : J3721-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H24

Manual Integrations
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Quant Time: Jul 09 05:32:50 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	3786	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	19840	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12742	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	30858m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	30068m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	27303m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9138	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	23889m	0.31	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.19	128	3071	0.064	ng/ul#	95
5) 2-Methylnaphthalene	11.81	142	806	0.025	ng/ul	99
7) Acenaphthylene	13.75	152	8158	0.156	ng/ul	97
8) Acenaphthene	14.09	153	1455	0.034	ng/ul#	93
9) Fluorene	15.08	166	1743	0.039	ng/ul	90
12) Phenanthrene	16.82	178	20228m	0.254	ng/ul	
13) Anthracene	16.91	178	9336m	0.138	ng/ul	
15) Fluoranthene	18.84	202	162683m	1.920	ng/ul	
17) Pyrene	19.21	202	195040	1.976	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	108016m	1.523	ng/ul	
19) Chrysene	21.02	228	159200	1.733	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	283837m	3.809	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	81830m	1.006	ng/ul	
23) Benzo(a)pyrene	23.12	252	154279m	2.448	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	88457m	1.352	ng/ul	
25) Dibenzo(a,h)anthracene	25.51	278	20585m	0.396	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	74509m	1.173	ng/ul	

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

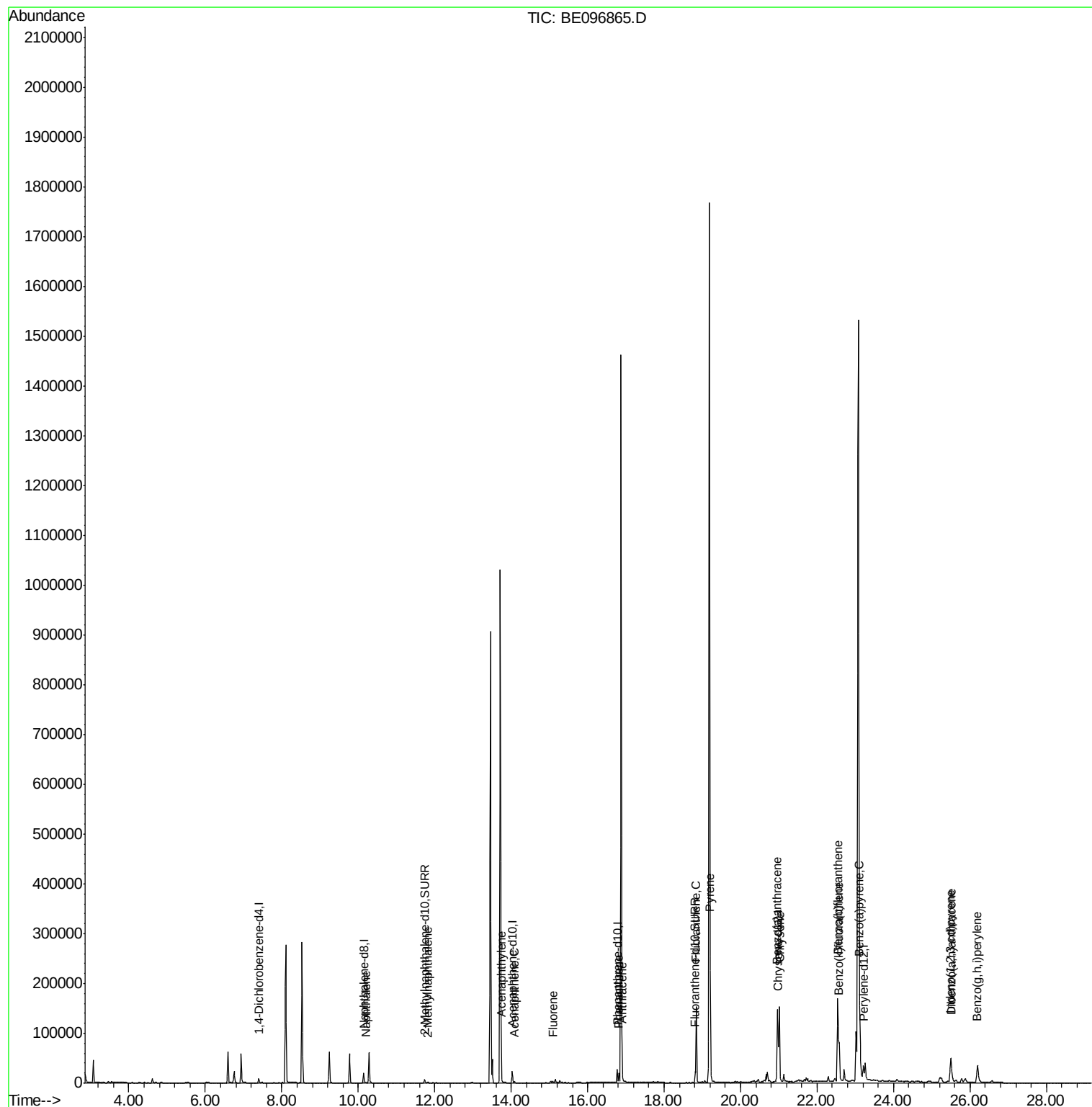
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096865.D
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ALS Vial : 16 Sample Multiplier: 1

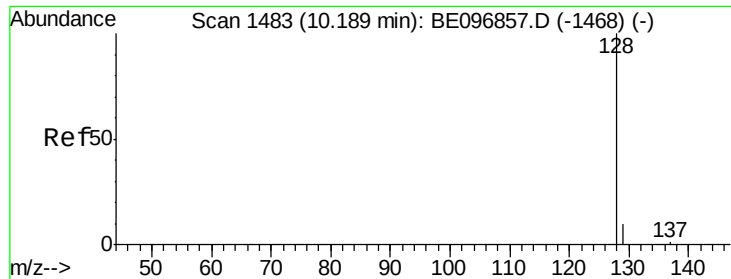
Instrument :
BNA_E
ClientSampleId :
F1H24

Quant Time: Jul 09 05:32:50 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
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#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

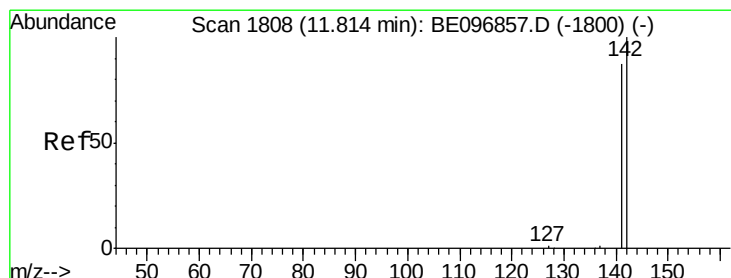
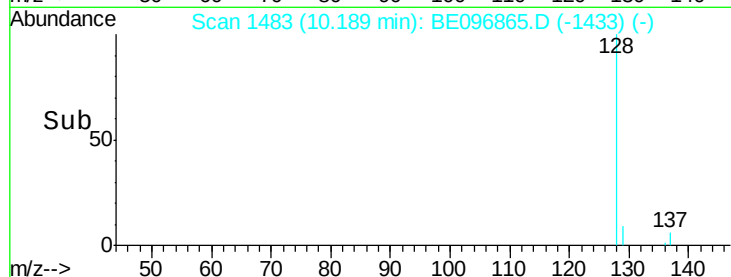
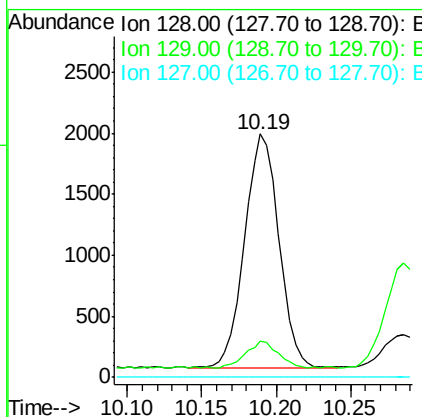
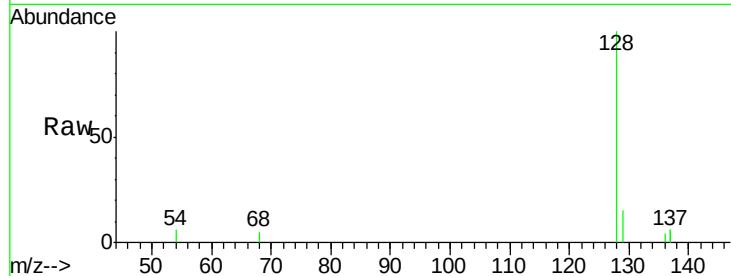
ClientSampled :

F1H24

Tgt Ion:	128	Resp:	3071
Ion Ratio	Lower	Upper	
128	100		
129	14.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

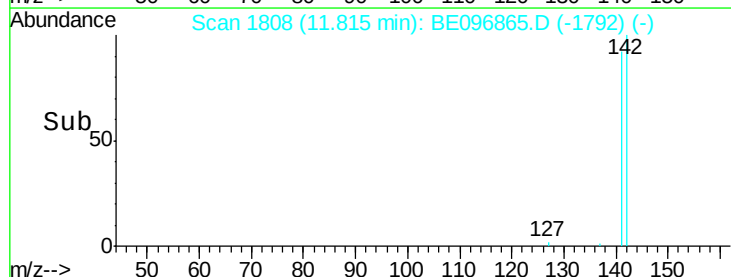
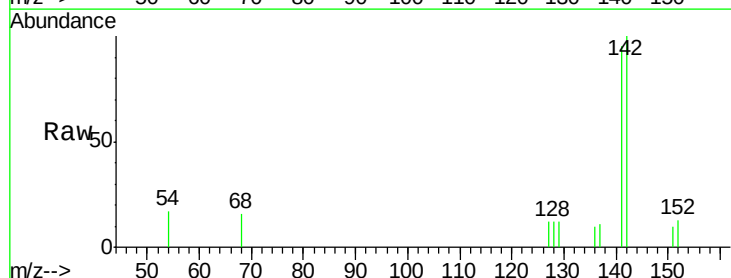
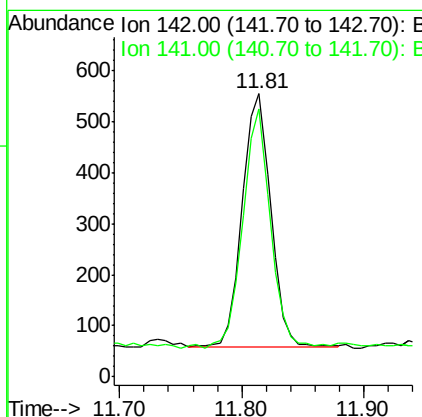
RT: 11.81 min Scan# 1808

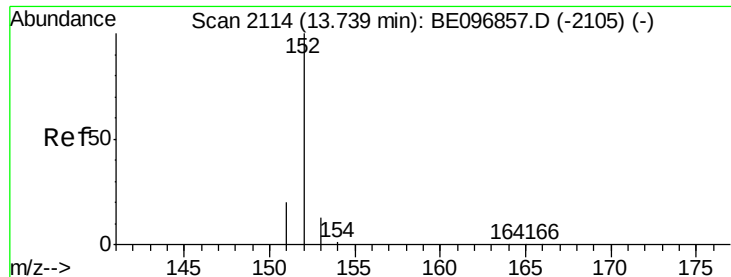
Delta R.T. 0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Tgt Ion:	142	Resp:	806
Ion Ratio	Lower	Upper	
142	100		
141	91.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.156 ng/ul

RT: 13.75 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

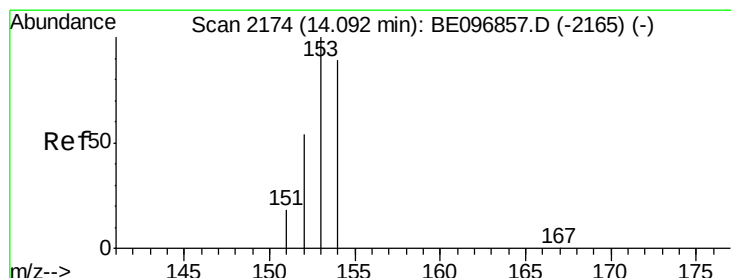
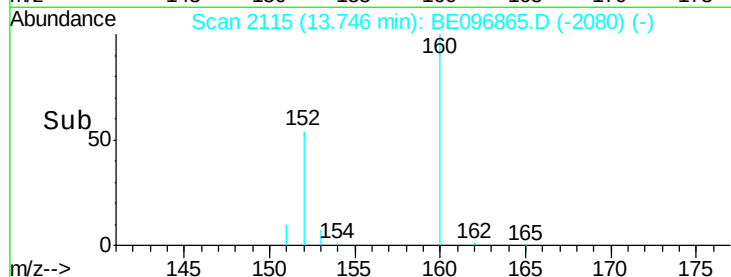
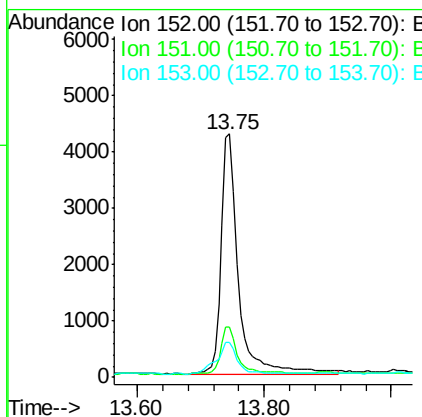
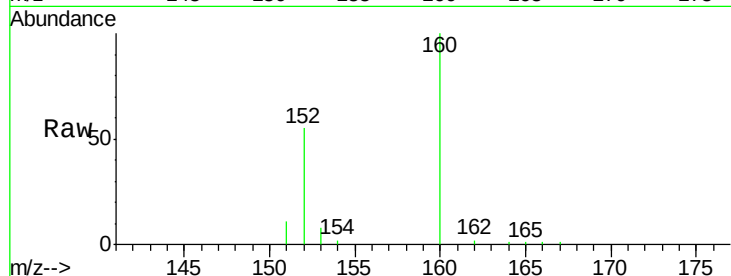
ClientSampleId :

F1H24

Tgt Ion:	152	Resp:	8158
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	14.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.034 ng/ul

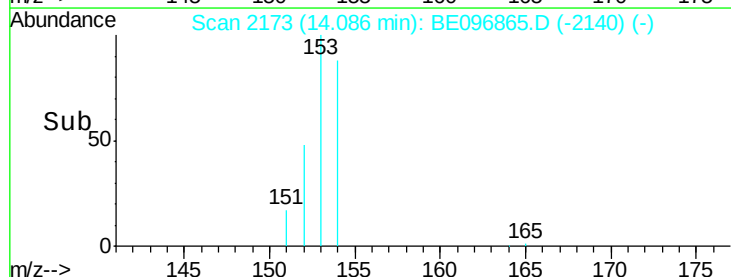
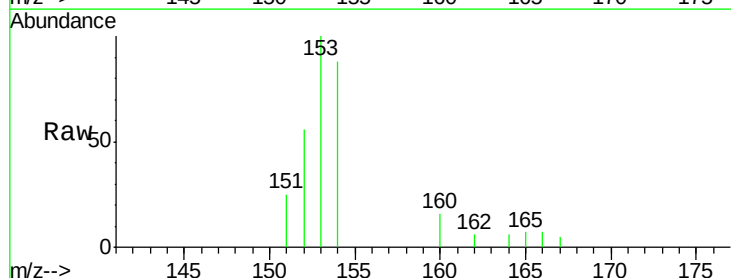
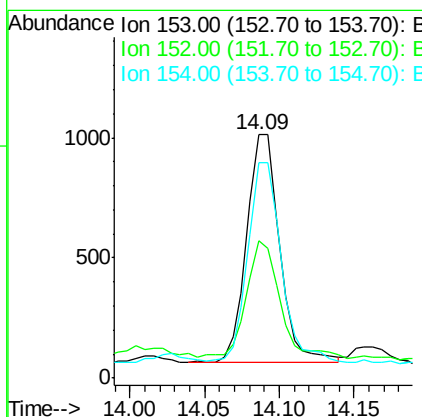
RT: 14.09 min Scan# 2173

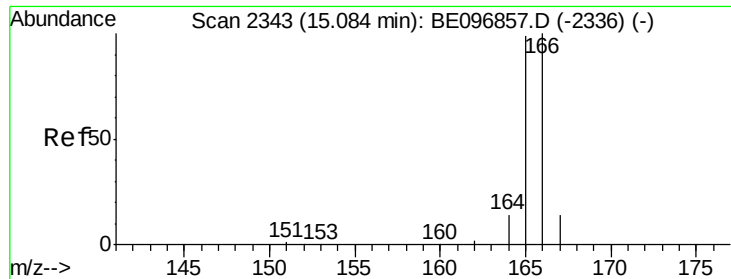
Delta R.T. -0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Tgt Ion:	153	Resp:	1455
Ion Ratio	Lower	Upper	
153	100		
152	56.4	36.0	54.0#
154	88.3	72.0	108.0





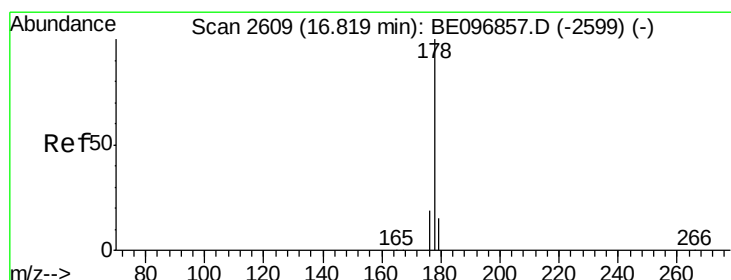
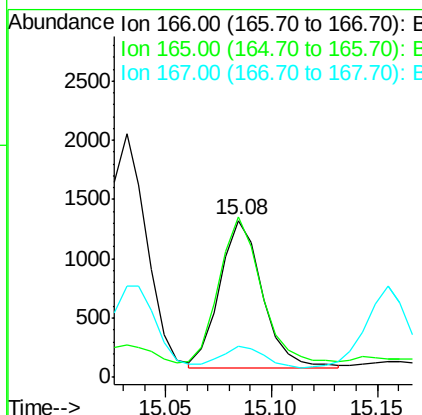
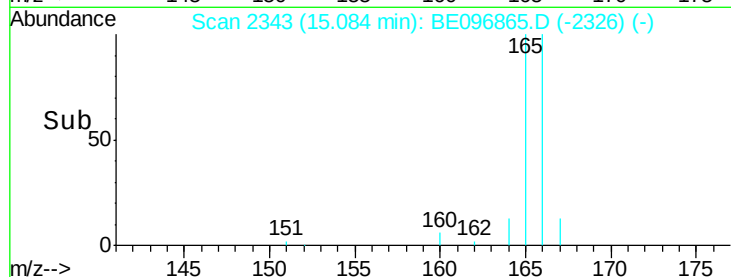
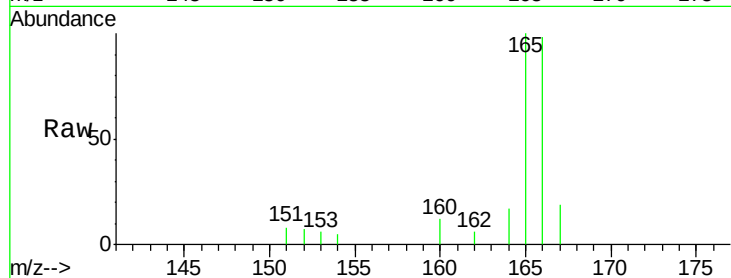
#9
Fluorene
 Concen: 0.039 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BE096865.D
 Acq: 6 Jul 2018 22:27

Instrument :
 BNA_E
 ClientSampled :
 F1H24

Tgt Ion:166 Resp: 1743
 Ion Ratio Lower Upper
 166 100
 165 102.4 73.4 110.2
 167 19.7 14.6 22.0

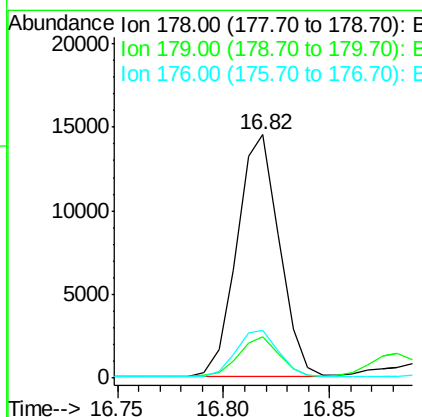
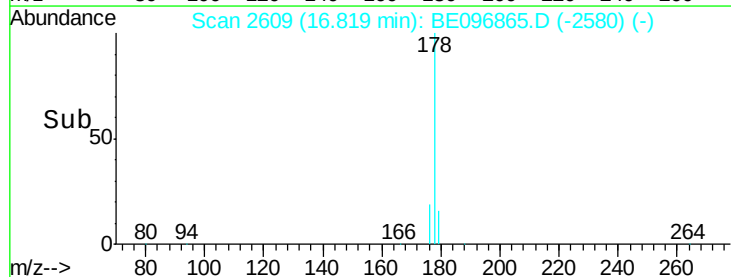
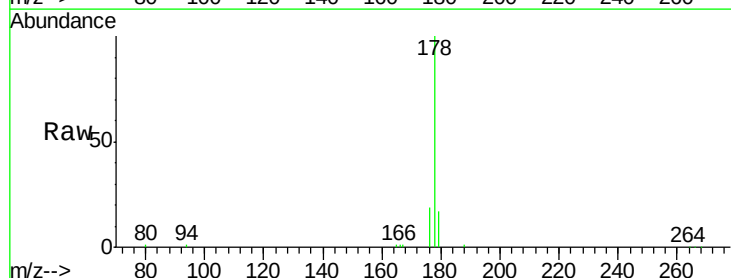
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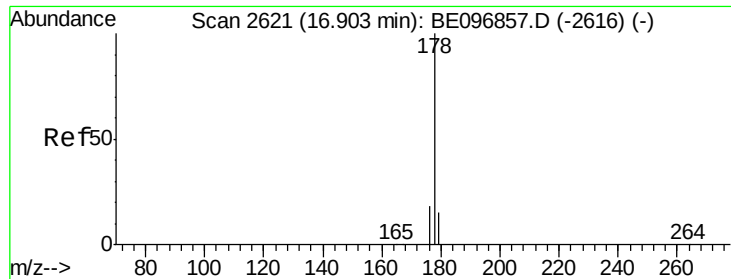
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#12
Phenanthrene
 Concen: 0.254 ng/ul m
 RT: 16.82 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BE096865.D
 Acq: 6 Jul 2018 22:27

Tgt Ion:178 Resp: 20228
 Ion Ratio Lower Upper
 178 100
 179 16.7 18.4 27.6#
 176 19.4 13.6 20.4





#13

Anthracene

Concen: 0.138 ng/ul m

RT: 16.91 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampled :

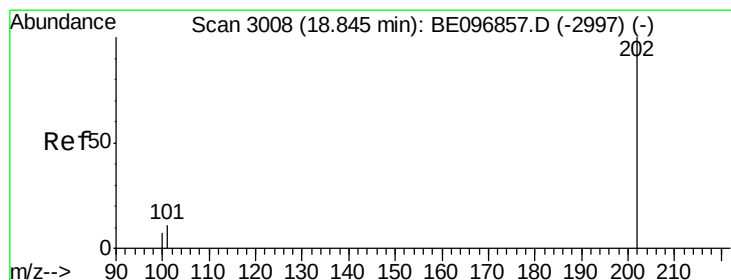
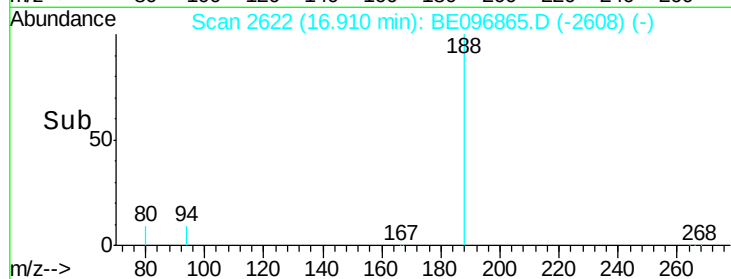
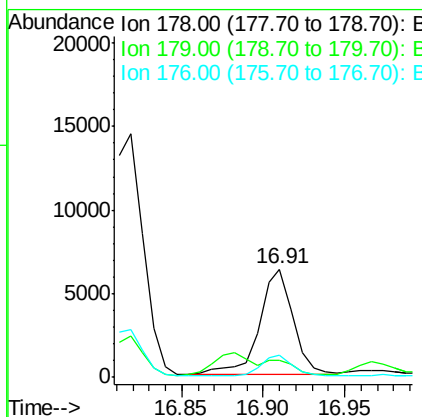
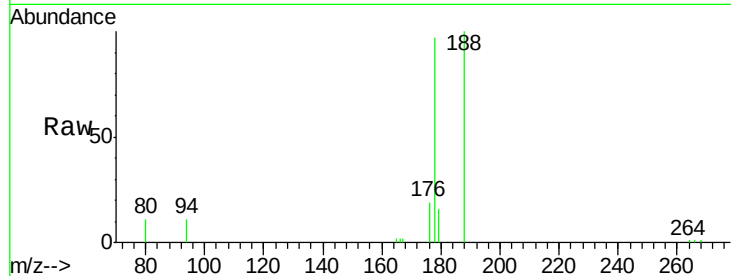
F1H24

Tgt Ion:178 Resp: 9336

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	20.0	14.7	22.1

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#15

Fluoranthene

Concen: 1.920 ng/ul m

RT: 18.84 min Scan# 3008

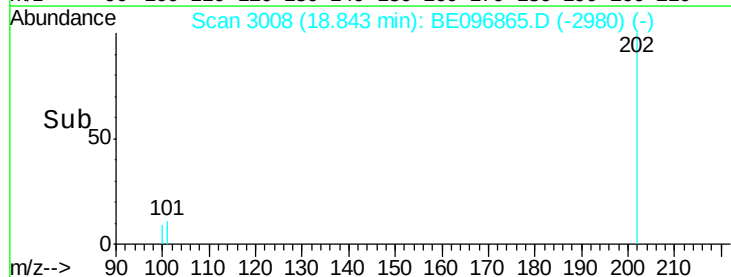
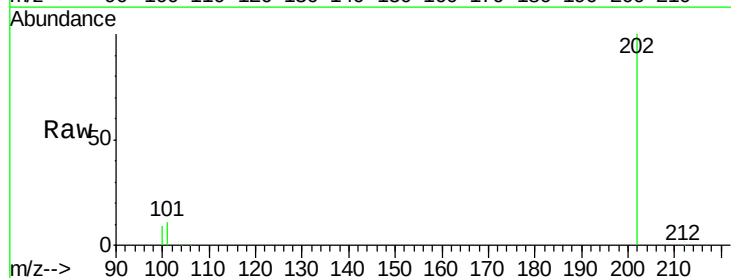
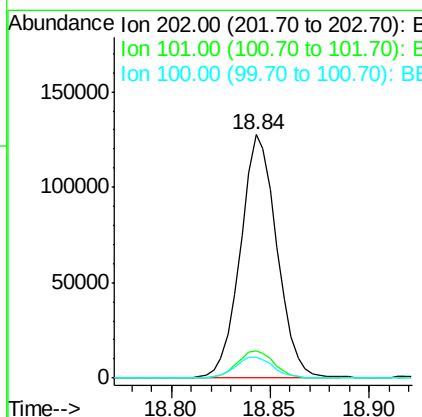
Delta R.T. 0.00 min

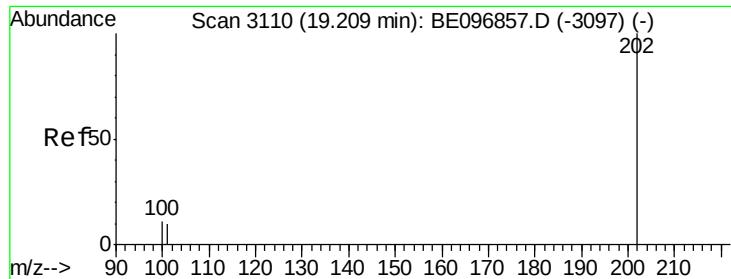
Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Tgt Ion:202 Resp: 162683

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	8.8	0.0	39.5





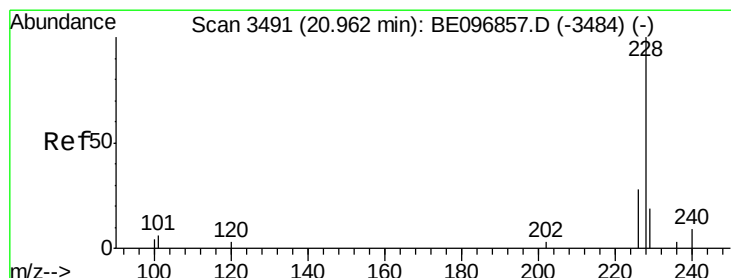
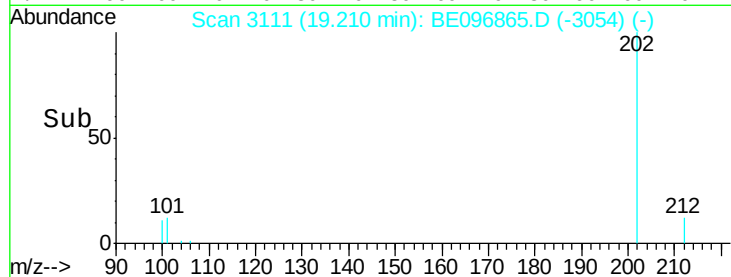
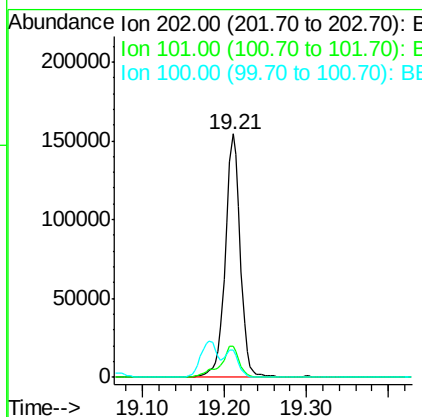
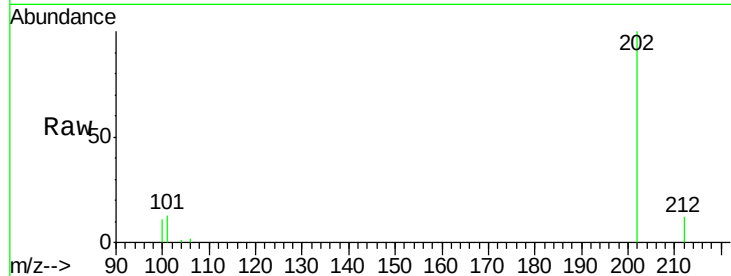
#17
 Pyrene
 Concen: 1.976 ng/ul
 RT: 19.21 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BE096865.D
 Acq: 6 Jul 2018 22:27

Instrument :
 BNA_E
 ClientSampleId :
 F1H24

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	18.2	27.4#
100	11.0	15.6	23.4#

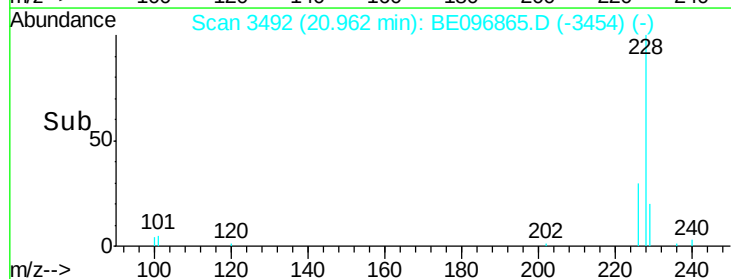
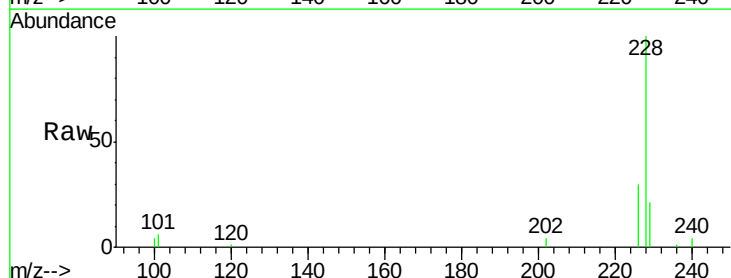
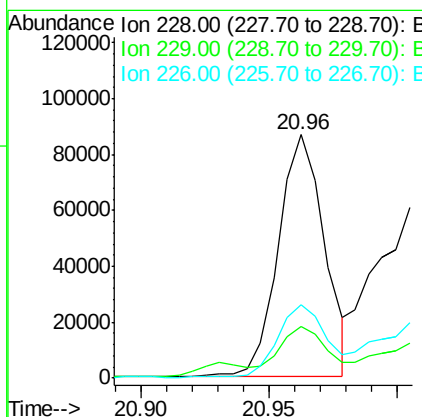
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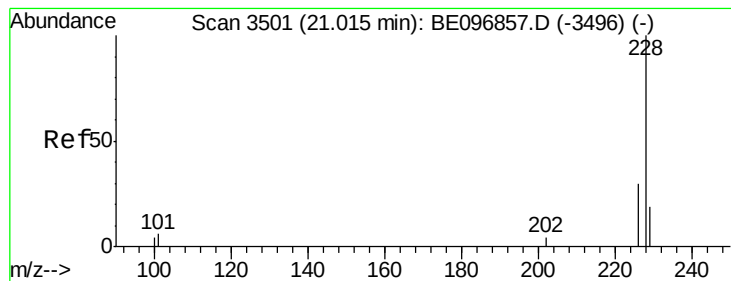
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#18
 Benzo(a)anthracene
 Concen: 1.523 ng/ul m
 RT: 20.96 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: BE096865.D
 Acq: 6 Jul 2018 22:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	22.8	34.2#
226	30.3	17.0	25.6#





#19

Chrysene

Concen: 1.733 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

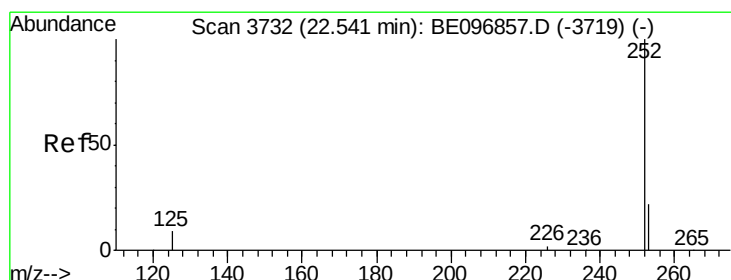
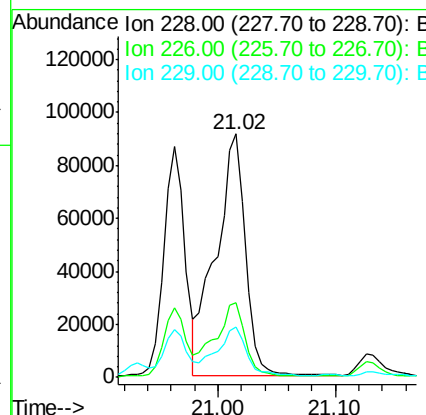
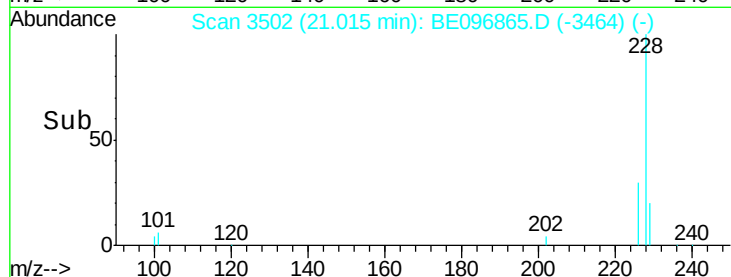
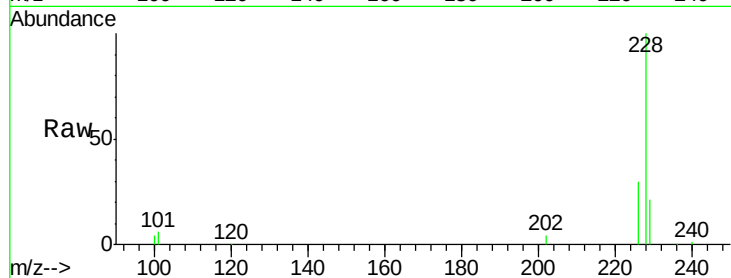
ClientSampleId :

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Tgt Ion:	228	Resp:	159200
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	20.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.809 ng/ul m

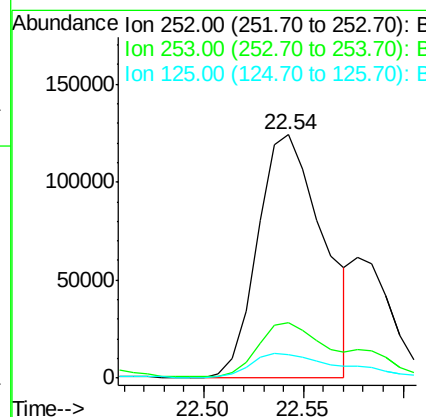
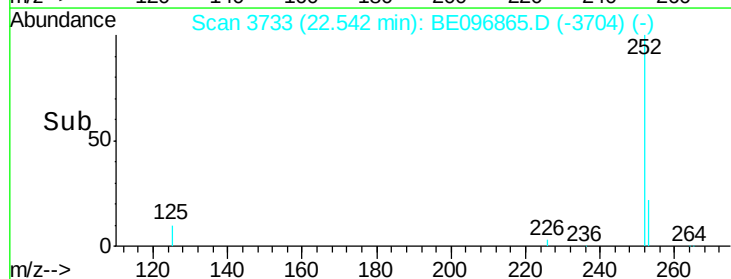
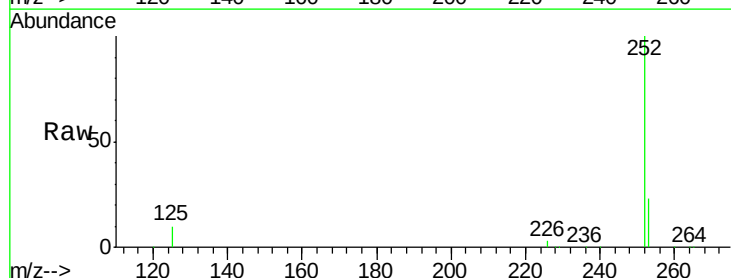
RT: 22.54 min Scan# 3733

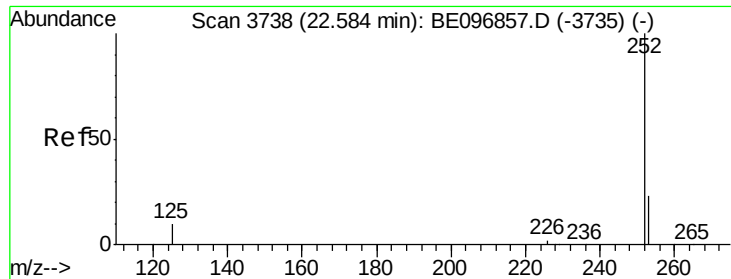
Delta R.T. 0.01 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Tgt Ion:	252	Resp:	283837
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	9.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.006 ng/ul m

RT: 22.58 min Scan# 3738

Delta R.T. -0.01 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

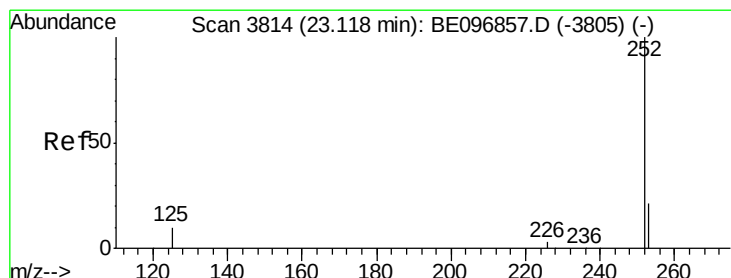
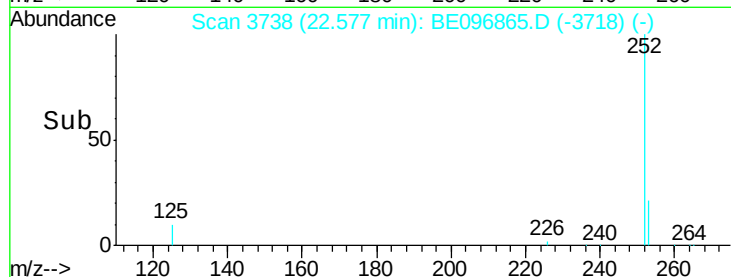
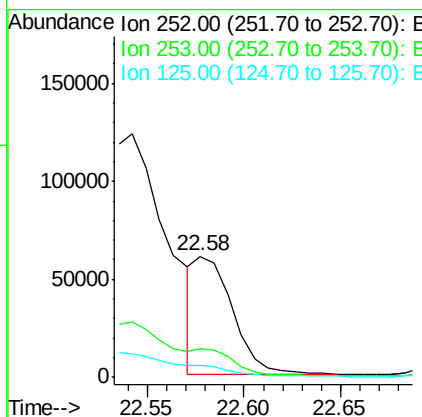
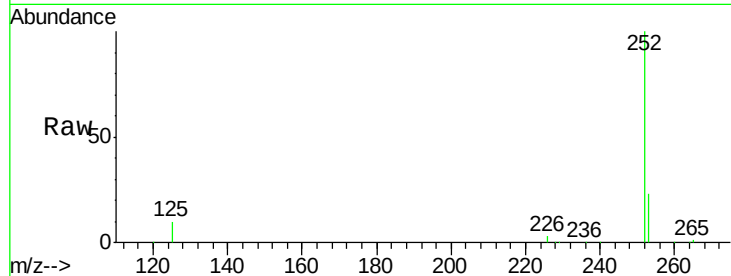
ClientSampleId :

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Tgt Ion:	252	Resp:	81830
Ion Ratio	Lower	Upper	
252	100		
253	23.2	24.5	36.7#
125	10.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.448 ng/ul m

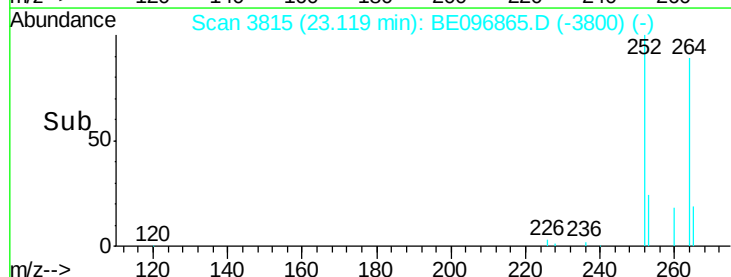
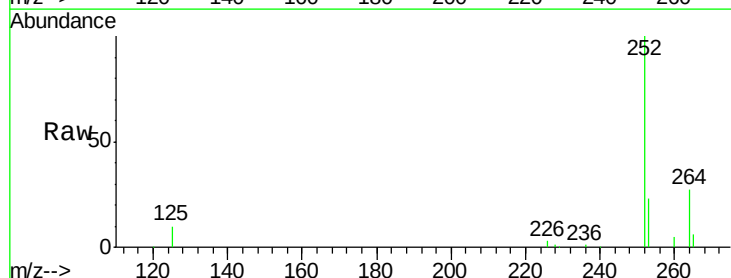
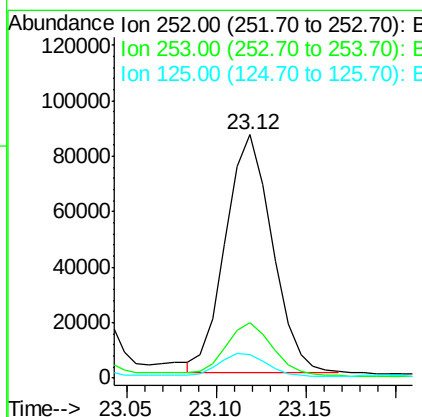
RT: 23.12 min Scan# 3815

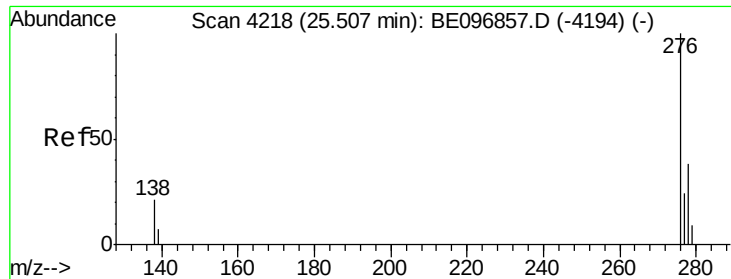
Delta R.T. 0.01 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

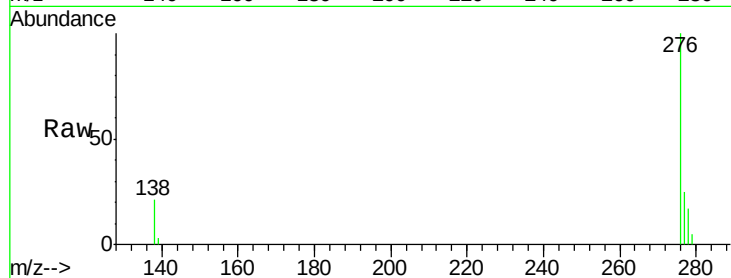
Tgt Ion:	252	Resp:	154279
Ion Ratio	Lower	Upper	
252	100		
253	22.8	28.5	42.7#
125	9.7	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.352 ng/ul m
 RT: 25.50 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BE096865.D
 Acq: 6 Jul 2018 22:27

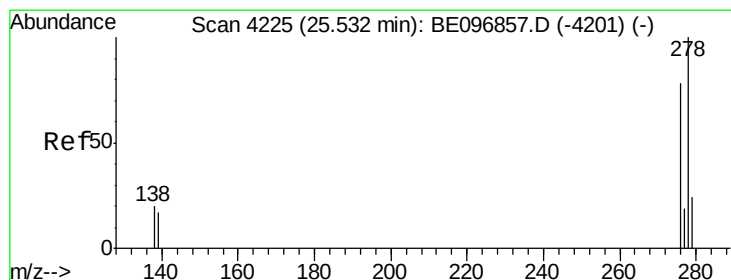
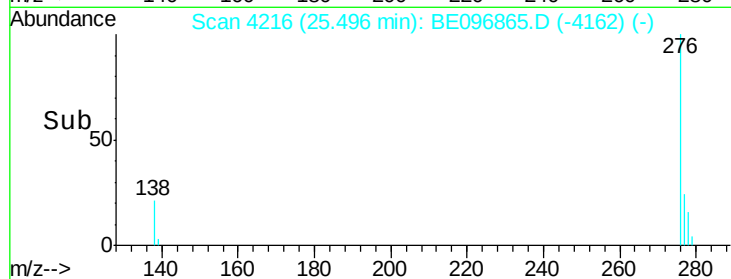
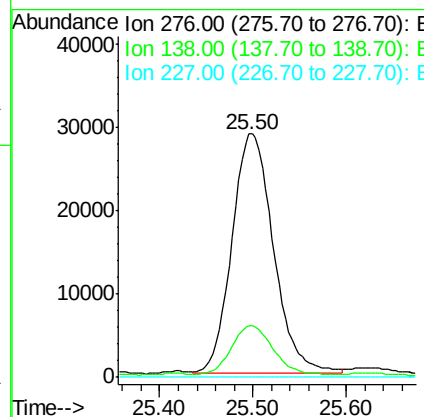
Instrument :
 BNA_E
 ClientSampleId :
 F1H24



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	1.8	28.0	42.0#
227	0.0	8.0	12.0#

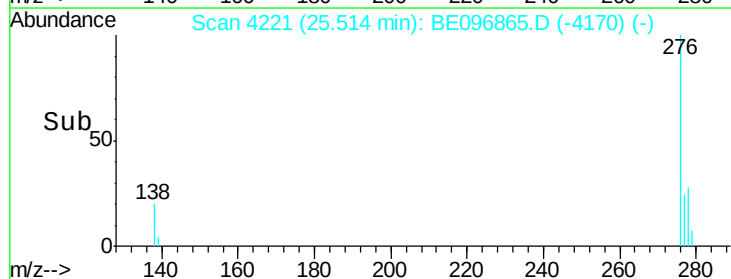
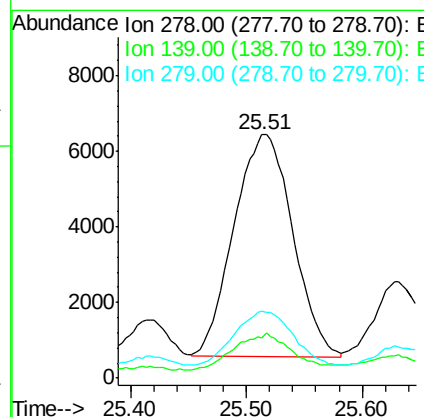
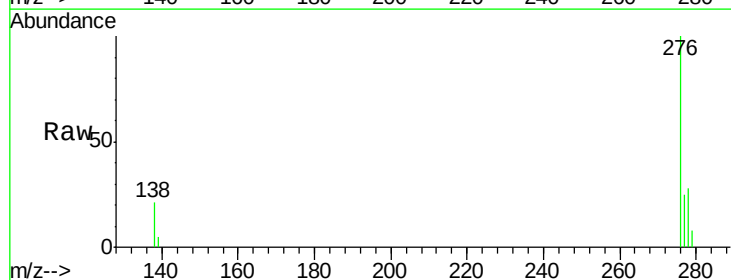
Manual Integrations
 APPROVED

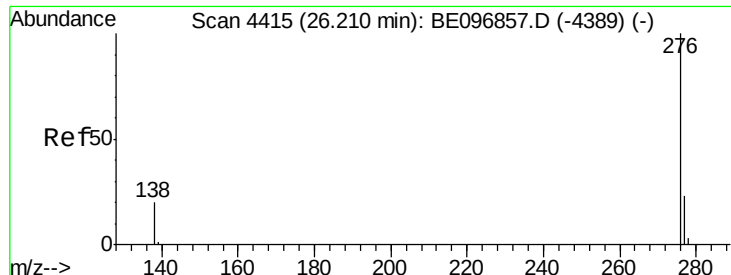
Sohil
 7/9/2018 4:14:11 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.396 ng/ul m
 RT: 25.51 min Scan# 4221
 Delta R.T. -0.02 min
 Lab File: BE096865.D
 Acq: 6 Jul 2018 22:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.5	17.4	26.0#
279	27.4	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.173 ng/ul m

RT: 26.20 min Scan# 4413

Delta R.T. -0.00 min

Lab File: BE096865.D

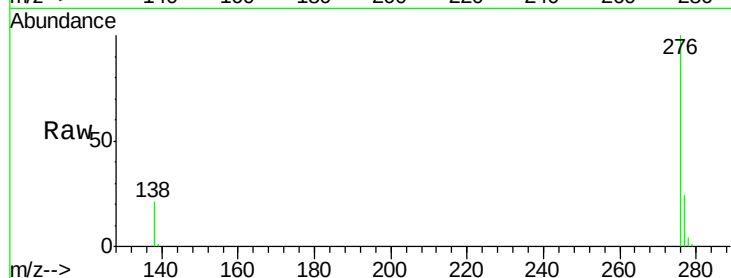
Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampleId :

F1H24



Tgt Ion:	276	Resp:	74509
Ion Ratio	Lower	Upper	
276	100		
138	21.2	21.8	32.8#
277	24.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:11 PM

