

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096157.D
 Acq On : 25 Apr 2018 20:40
 Operator : SJ/JU
 Sample : J2434-16DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1DL

Manual Integrations
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Sohil
 4/26/2018 6:20:00 PM

Quant Time: Apr 26 05:42:45 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 05:06:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	784	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3141	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1987	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5519	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7291	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5986	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	206	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	809	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.23	128	484	0.055	ng/ul#	69
5) 2-Methylnaphthalene	12.81	142	324	0.055	ng/ul	97
7) Acenaphthylene	14.68	152	234	0.023	ng/ul#	50
8) Acenaphthene	15.01	153	1180	0.160	ng/ul	94
9) Fluorene	15.98	166	662	0.068	ng/ul#	91
12) Phenanthrene	17.70	178	16018	0.986	ng/ul#	88
13) Anthracene	17.79	178	3228	0.198	ng/ul#	93
15) Fluoranthene	19.67	202	97363	3.920	ng/ul	83
17) Pyrene	20.02	202	56037	3.831	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	60730	2.751	ng/ul#	86
19) Chrysene	21.79	228	97824	4.823	ng/ul	98
21) Benzo(b)fluoranthene	23.55	252	178110m	7.858	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	51184m	2.362	ng/ul	
23) Benzo(a)pyrene	24.24	252	131294	6.668	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.13	276	92745	3.496	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	23854m	1.074	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	97279	4.212	ng/ul#	91

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

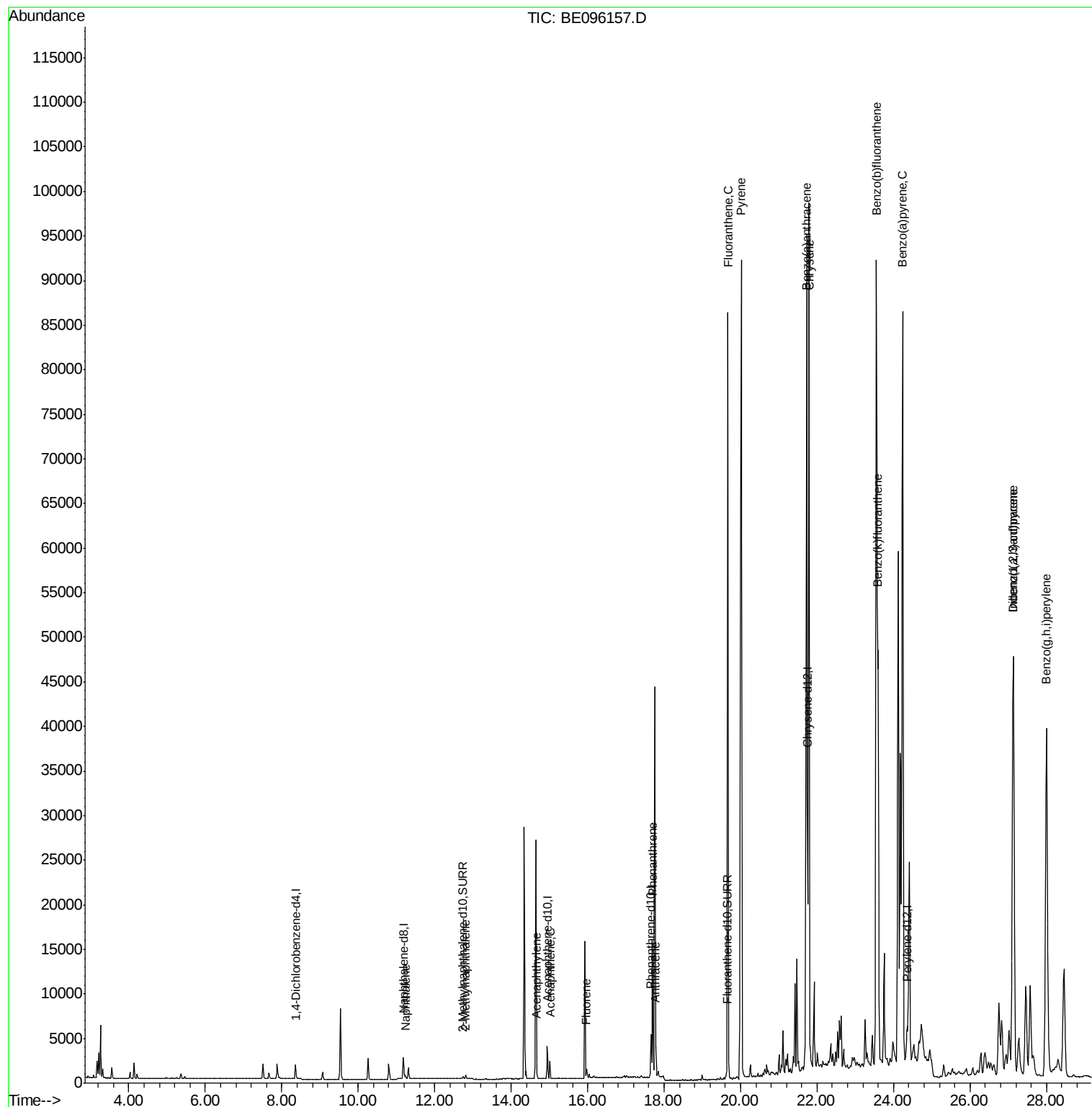
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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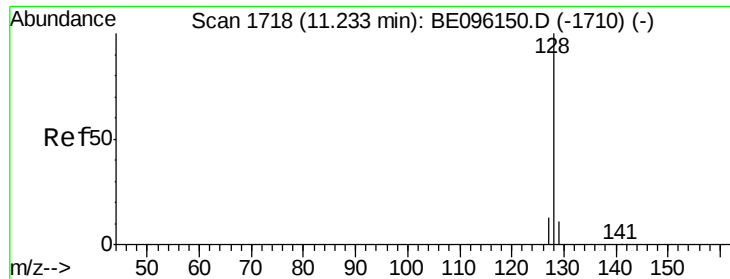
Instrument :
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Quant Time: Apr 26 05:42:45 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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#3

Naphthalene

Concen: 0.055 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Instrument :

BNA_E

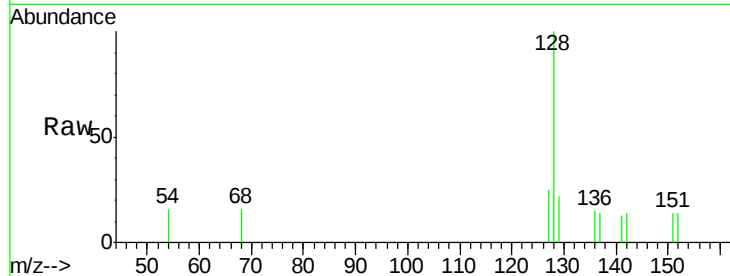
ClientSampleId :

C0AD1DL

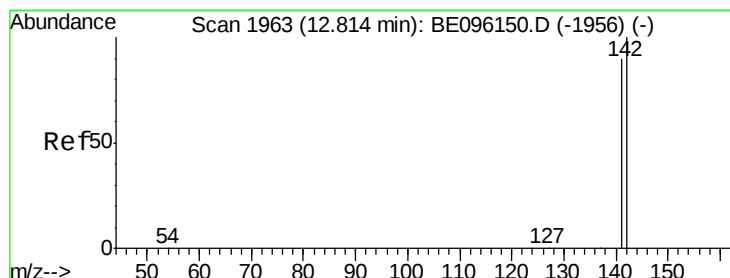
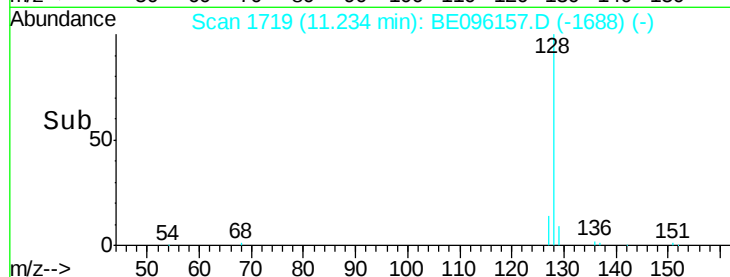
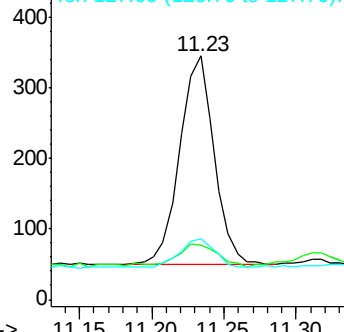
Tgt Ion:	128	Resp:	484
Ion Ratio	Lower	Upper	
128	100		
129	22.3	11.3	16.9#
127	24.9	4.0	6.0#

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Abundance Ion 128.00 (127.70 to 128.70): E



#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

RT: 12.81 min Scan# 1964

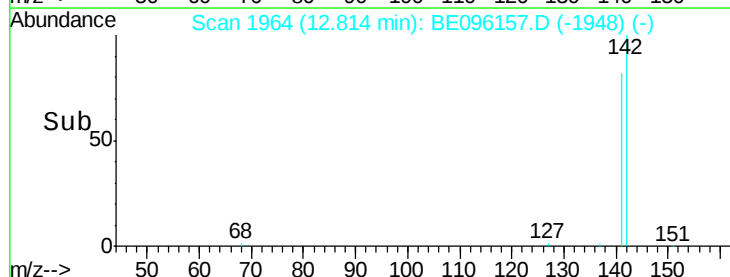
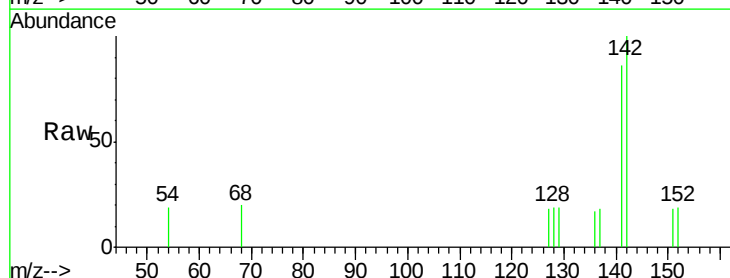
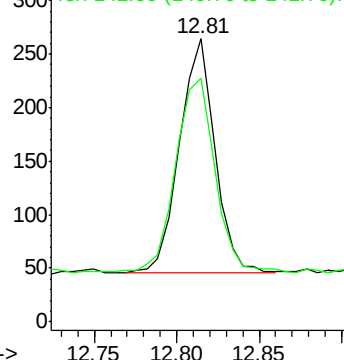
Delta R.T. 0.00 min

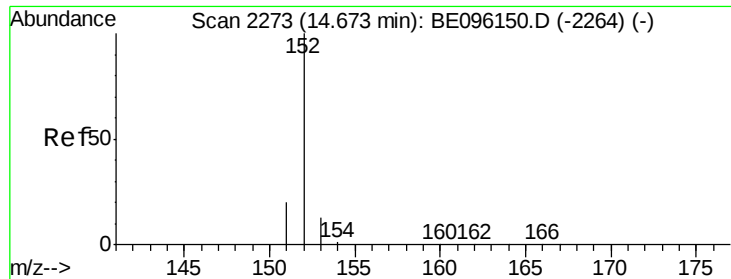
Lab File: BE096157.D

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Tgt Ion:	142	Resp:	324
Ion Ratio	Lower	Upper	
142	100		
141	93.2	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Instrument :

BNA_E

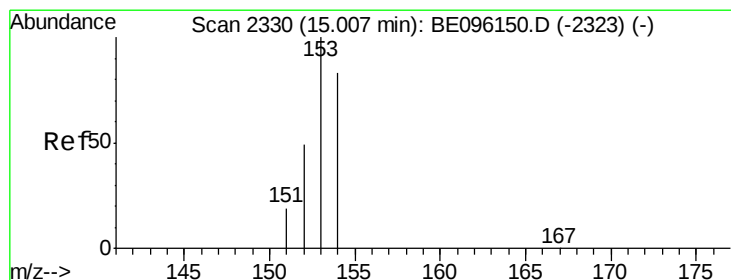
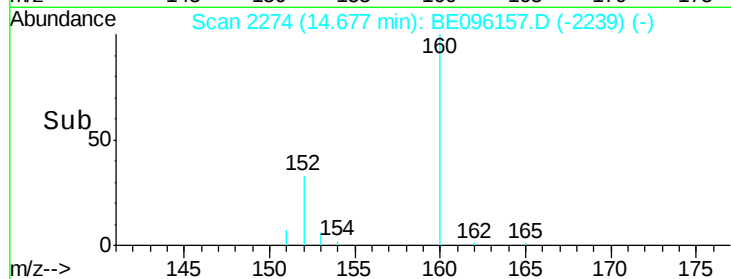
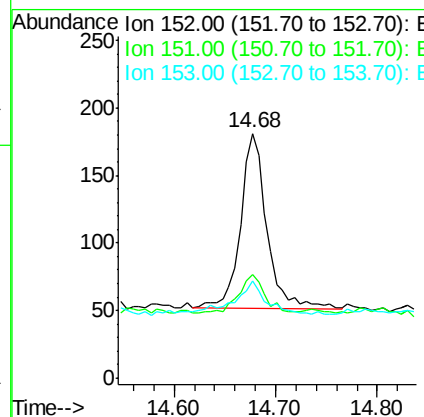
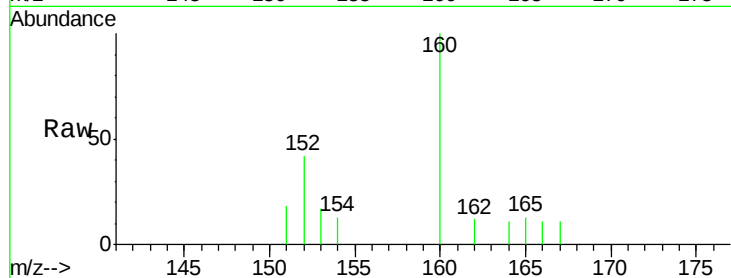
ClientSampleId :

C0AD1DL

Tgt Ion:	152	Resp:	234
Ion Ratio	Lower	Upper	
152	100		
151	42.5	17.1	25.7#
153	39.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.160 ng/ul

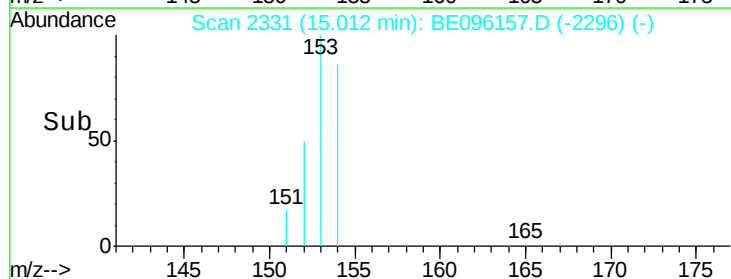
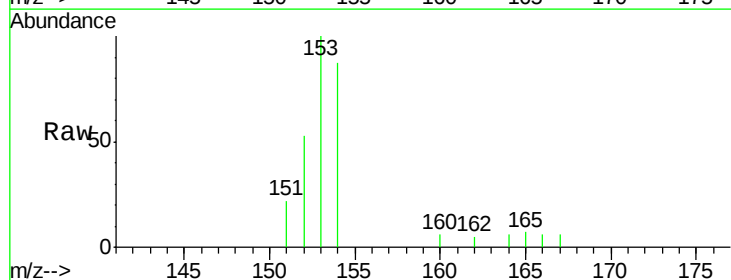
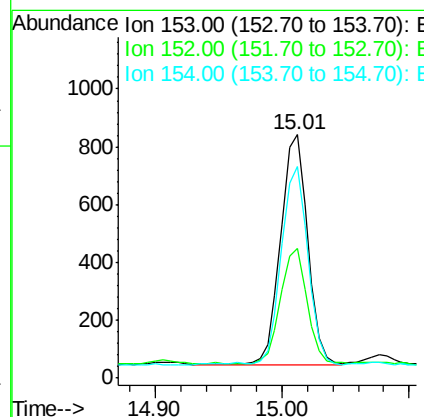
RT: 15.01 min Scan# 2331

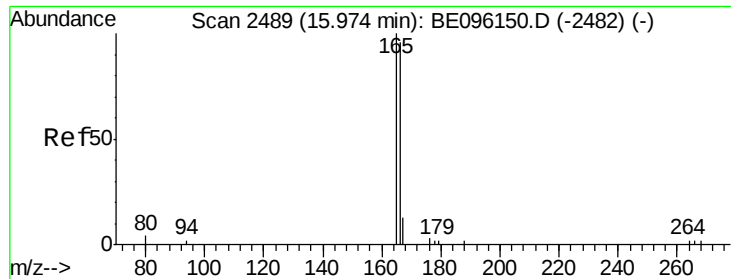
Delta R.T. 0.00 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Tgt Ion:	153	Resp:	1180
Ion Ratio	Lower	Upper	
153	100		
152	53.3	36.0	54.0
154	87.1	72.0	108.0





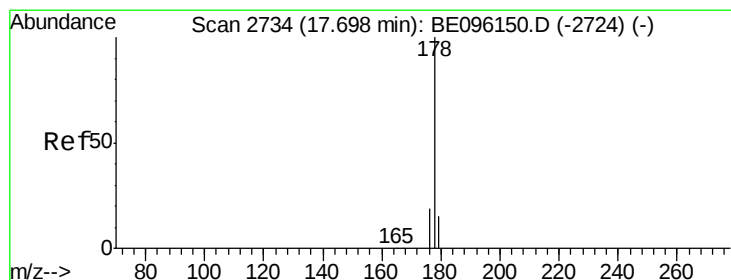
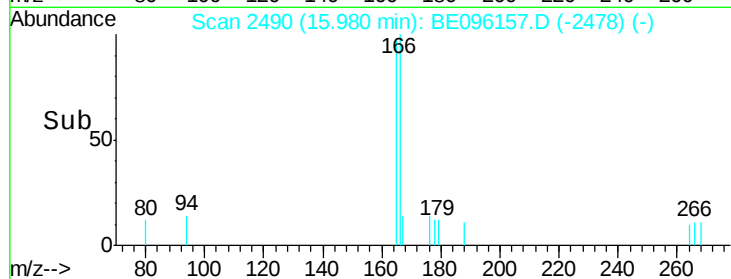
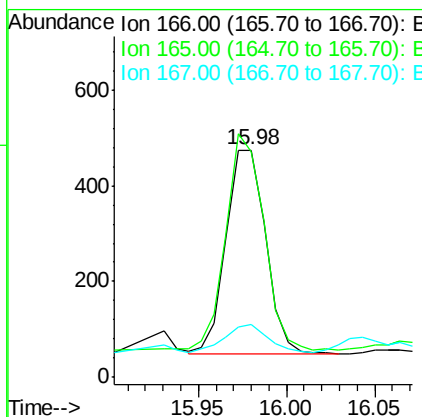
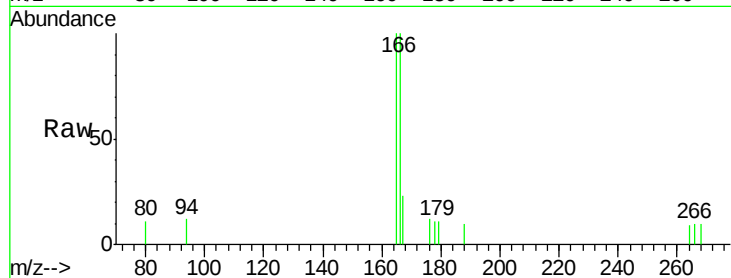
#9
Fluorene
 Concen: 0.068 ng/ul
 RT: 15.98 min Scan# 2490
 Delta R.T. 0.01 min
 Lab File: BE096157.D
 Acq: 25 Apr 2018 20:40

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	23.4	14.6	22.0

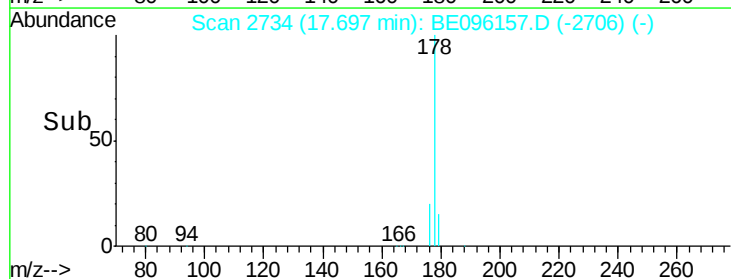
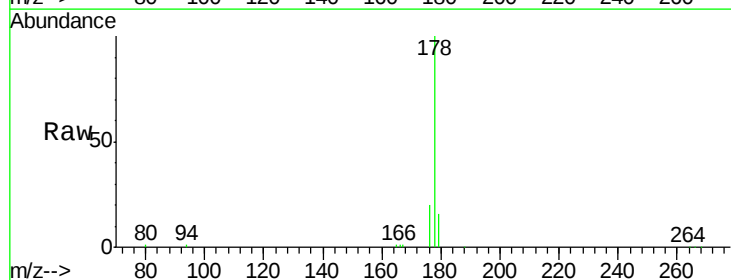
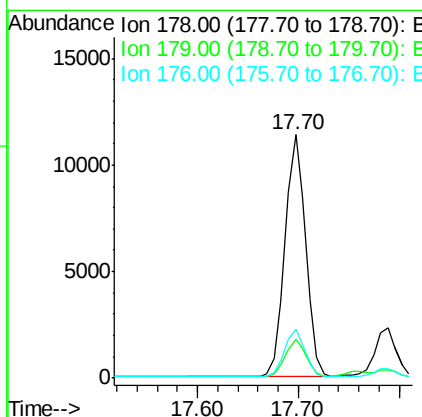
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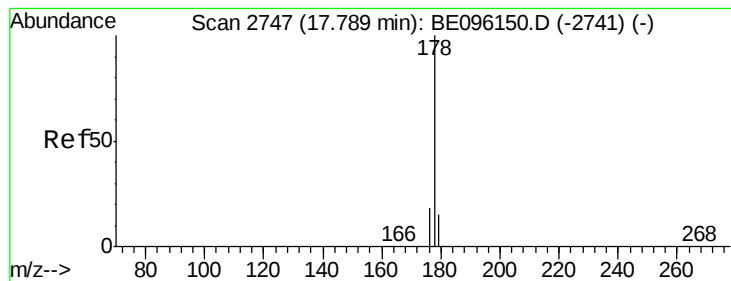
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#12
Phenanthrene
 Concen: 0.986 ng/ul
 RT: 17.70 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: BE096157.D
 Acq: 25 Apr 2018 20:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6
176	19.9	13.6	20.4





#13

Anthracene

Concen: 0.198 ng/u1

RT: 17.79 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Instrument :

BNA_E

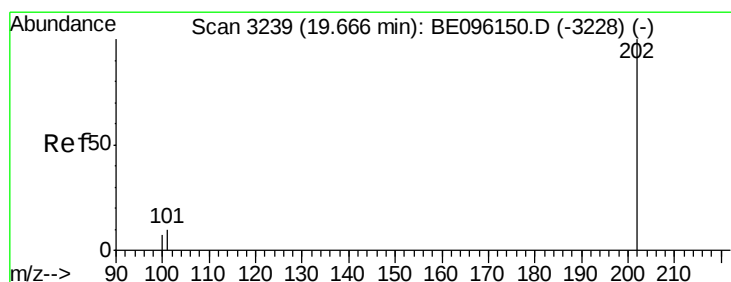
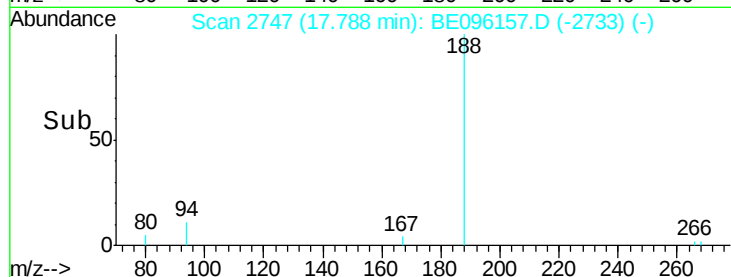
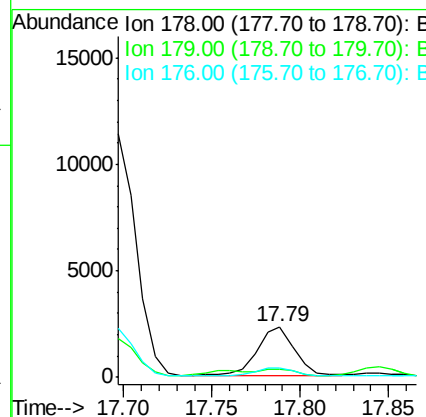
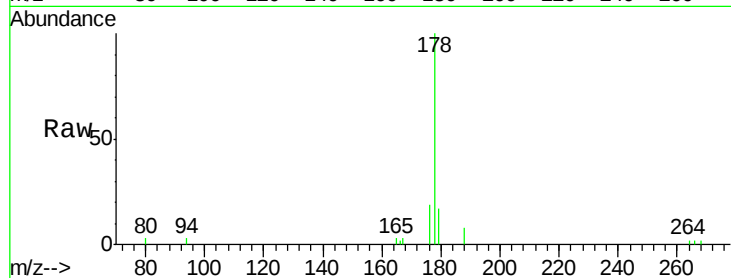
ClientSampleId :

C0AD1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	19.3	14.7	22.1

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#15

Fluoranthene

Concen: 3.920 ng/u1

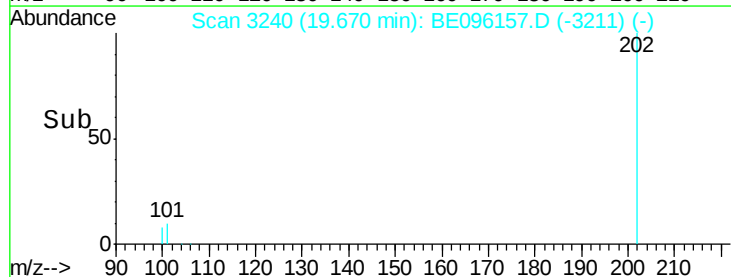
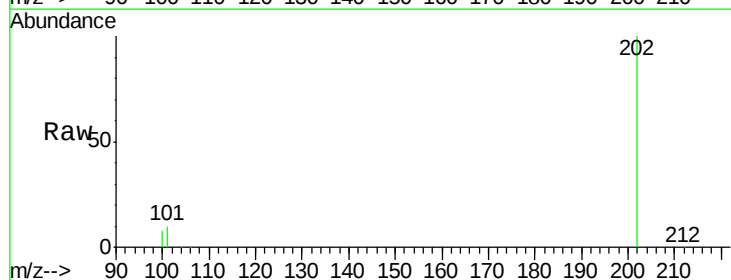
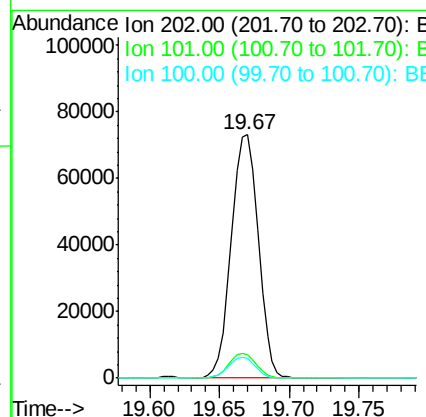
RT: 19.67 min Scan# 3240

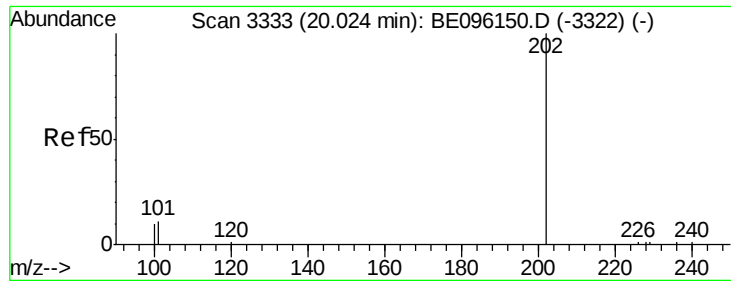
Delta R.T. 0.00 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
100	7.8	0.0	39.5





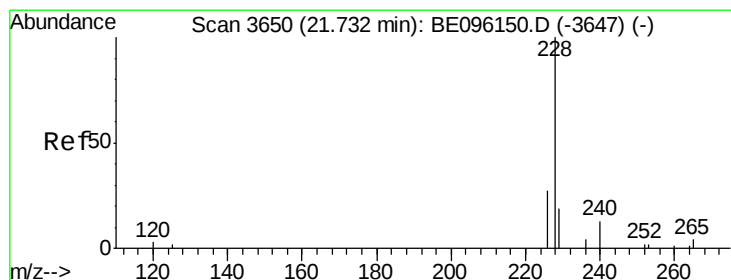
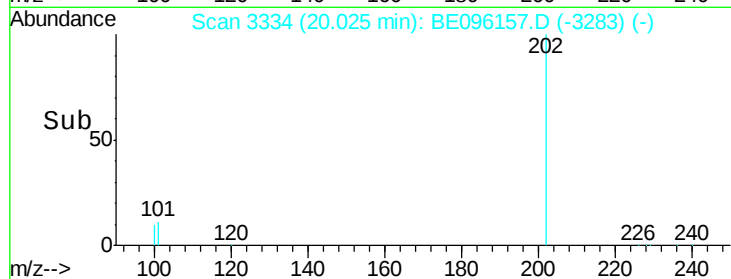
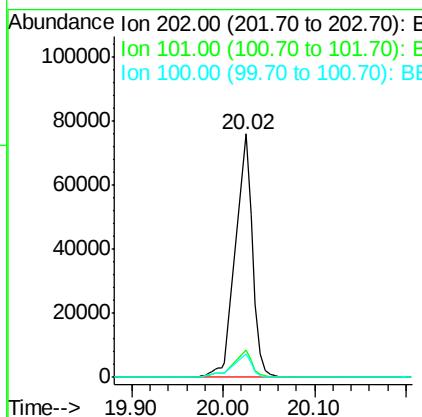
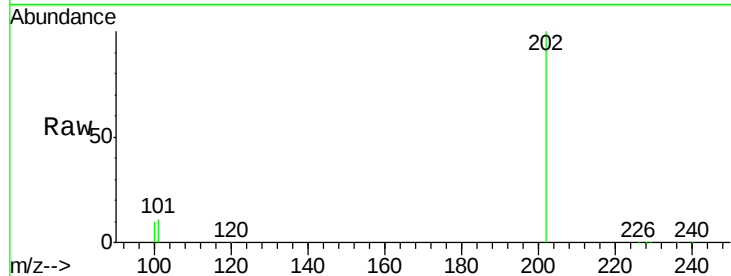
#17
Pyrene
 Concen: 3.831 ng/ul
 RT: 20.02 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BE096157.D
 Acq: 25 Apr 2018 20:40

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	56037		
101	11.1	18.2	27.4#	
100	9.6	15.6	23.4#	

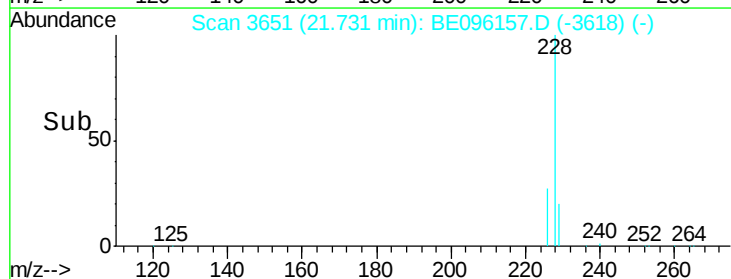
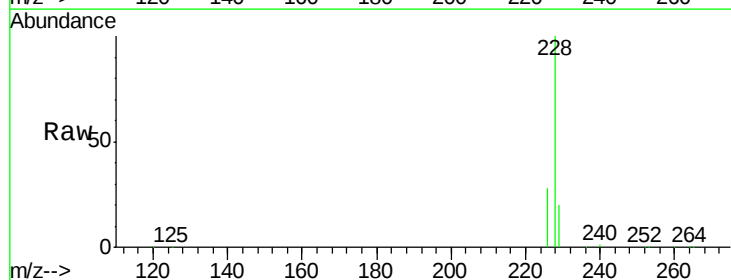
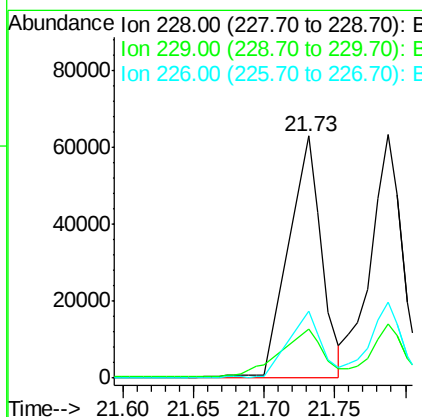
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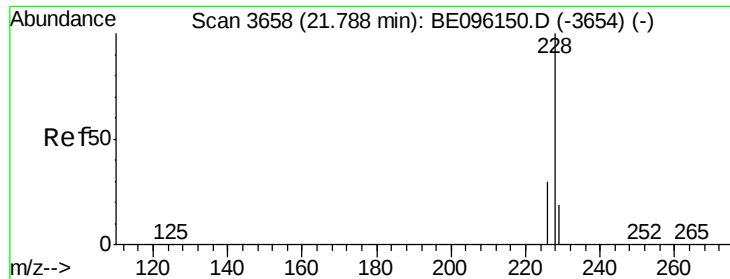
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#18
Benzo(a)anthracene
 Concen: 2.751 ng/ul
 RT: 21.73 min Scan# 3651
 Delta R.T. -0.00 min
 Lab File: BE096157.D
 Acq: 25 Apr 2018 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	60730		
229	20.4	22.8	34.2#	
226	27.6	17.0	25.6#	





#19

Chrysene

Concen: 4.823 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Instrument :

BNA_E

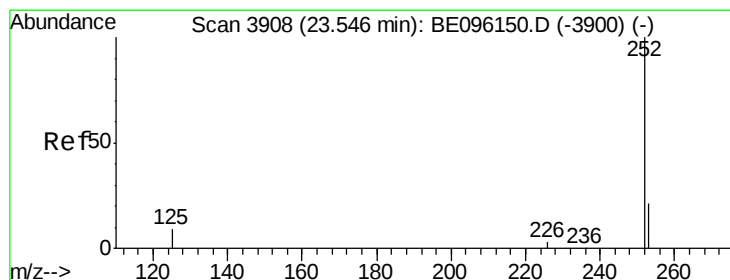
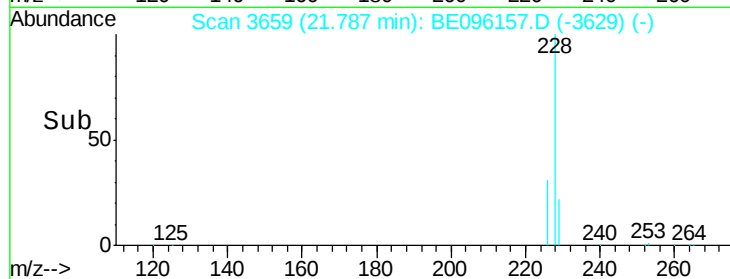
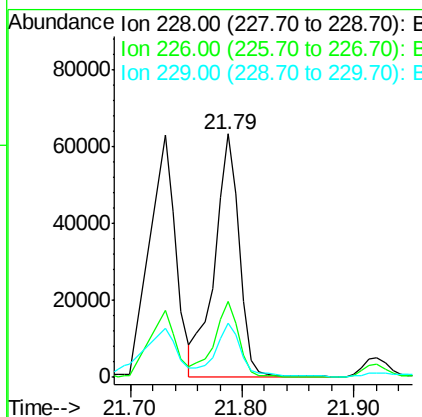
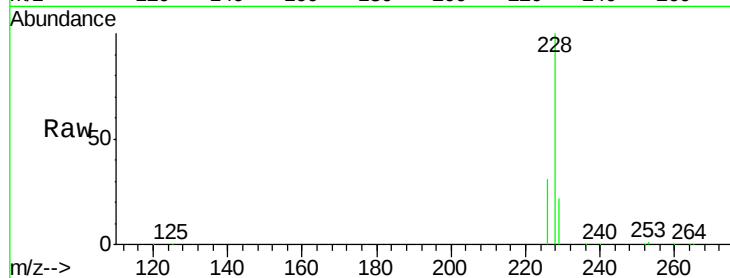
ClientSampleId :

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Tgt Ion:	228	Resp:	97824
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 7.858 ng/ul m

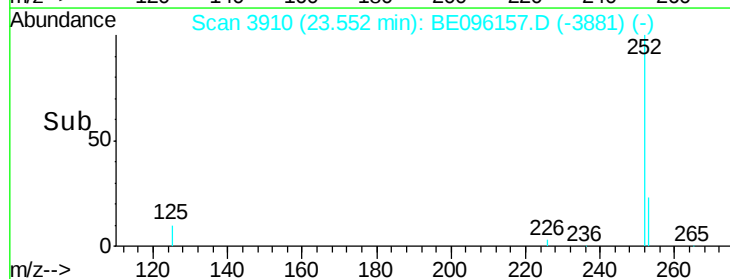
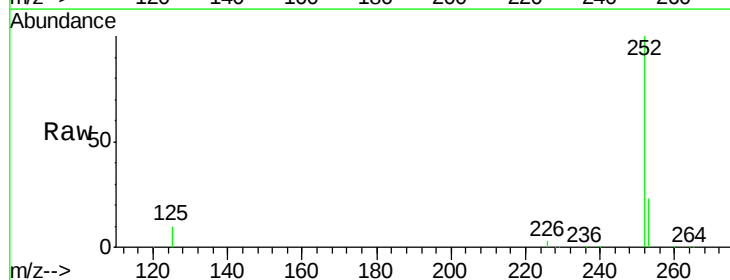
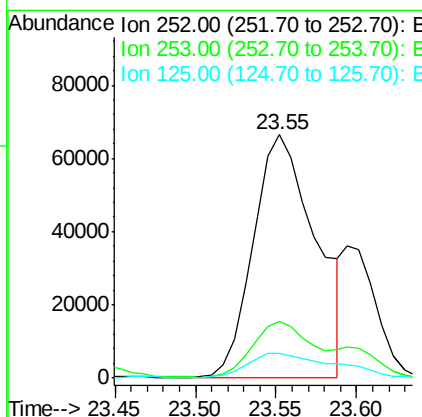
RT: 23.55 min Scan# 3910

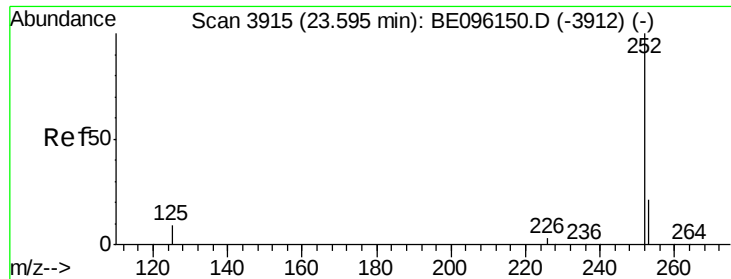
Delta R.T. 0.01 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Tgt Ion:	252	Resp:	178110
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	10.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.362 ng/ul

RT: 23.59 min Scan# 3916

Delta R.T. -0.00 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Instrument :

BNA_E

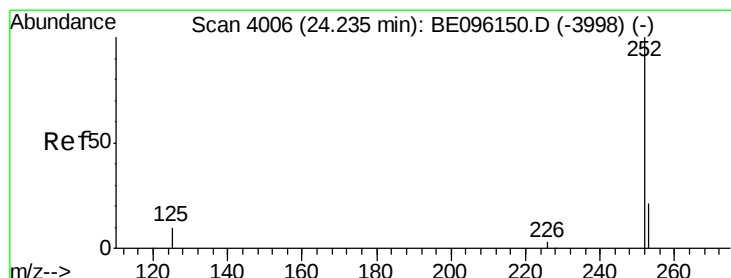
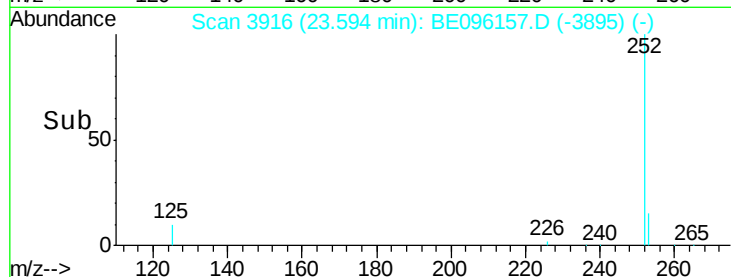
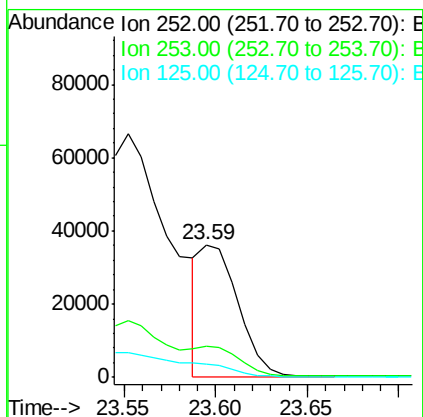
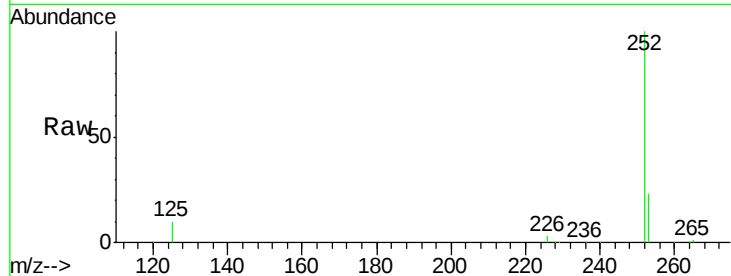
ClientSampled :

C0AD1DL

Tgt Ion:	252	Resp:	51184
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: 6.668 ng/ul

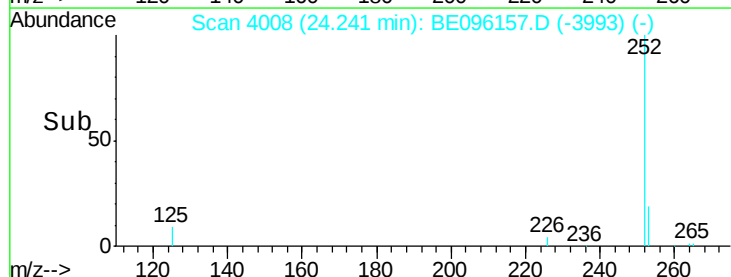
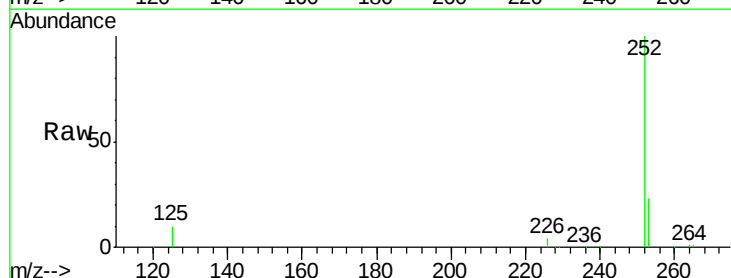
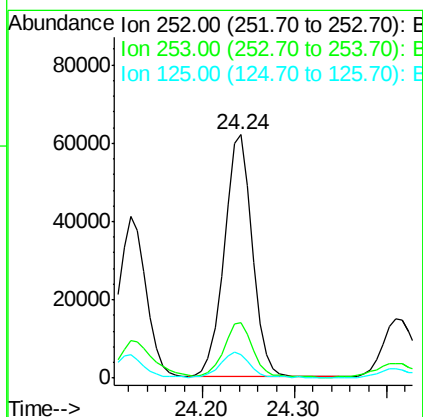
RT: 24.24 min Scan# 4008

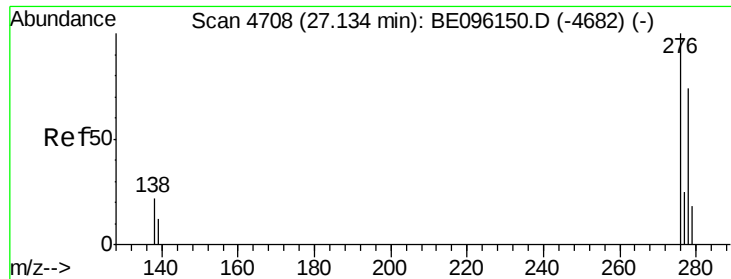
Delta R.T. 0.01 min

Lab File: BE096157.D

Acq: 25 Apr 2018 20:40

Tgt Ion:	252	Resp:	131294
Ion Ratio	Lower	Upper	
252	100		
253	22.9	28.5	42.7#
125	9.9	18.1	27.1#





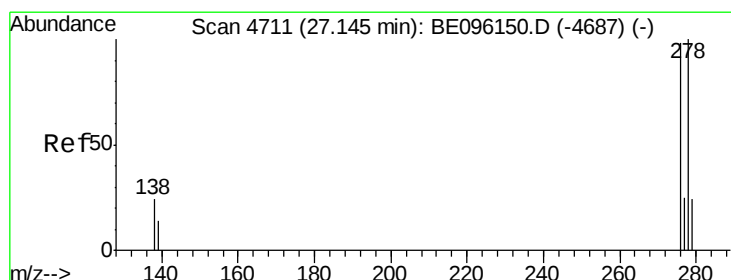
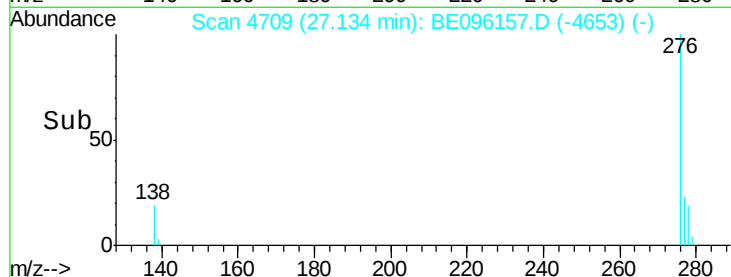
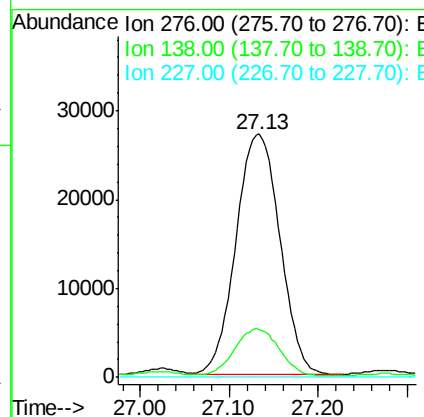
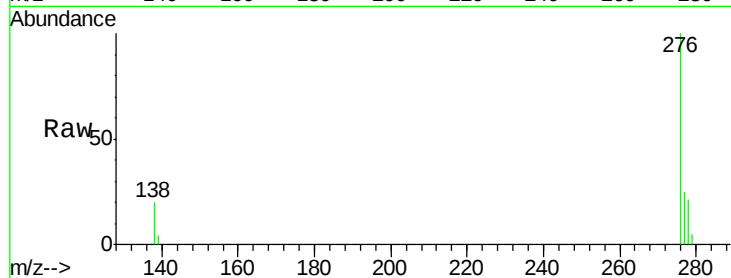
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.496 ng/ul
 RT: 27.13 min Scan# 4709
 Delta R.T. -0.00 min
 Lab File: BE096157.D
 Acq: 25 Apr 2018 20:40

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#

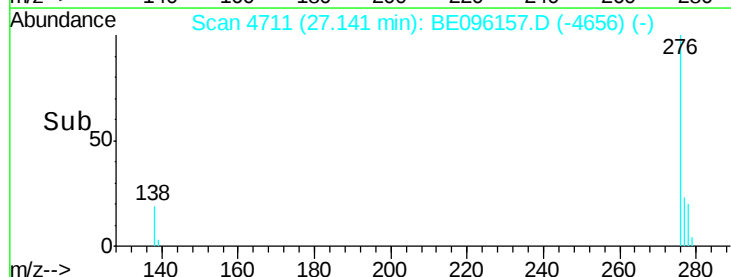
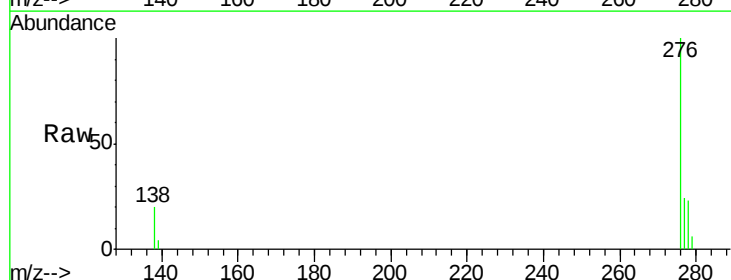
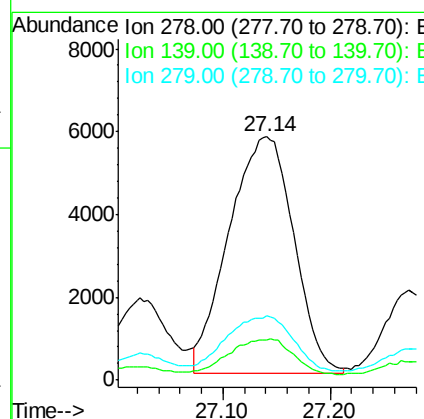
Manual Integrations
 APPROVED

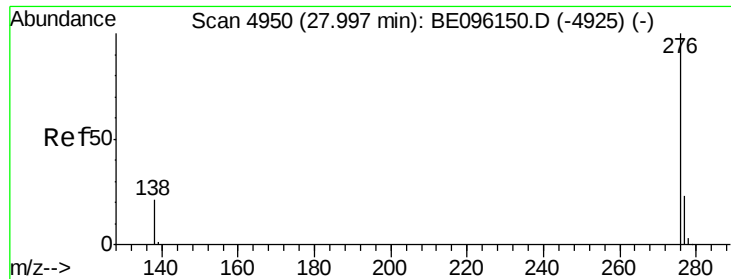
Sohil
 4/26/2018 6:20:00 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.074 ng/ul m
 RT: 27.14 min Scan# 4711
 Delta R.T. -0.00 min
 Lab File: BE096157.D
 Acq: 25 Apr 2018 20:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	17.4	26.0#
279	26.3	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 4.212 ng/ul

RT: 28.00 min Scan# 4953

Delta R.T. 0.01 min

Lab File: BE096157.D

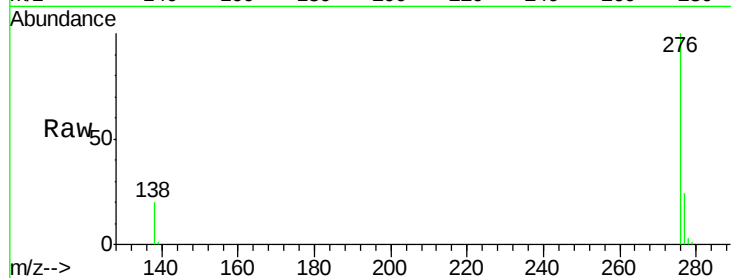
Acq: 25 Apr 2018 20:40

Instrument :

BNA_E

ClientSampleId :

C0AD1DL



Tgt Ion:	276	Resp:	97279
Ion Ratio	Lower	Upper	
276	100		
138	20.2	21.8	32.8#
277	24.1	20.5	30.7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:00 PM

