

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096158.D
 Acq On : 25 Apr 2018 21:16
 Operator : SJ/JU
 Sample : J2434-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1DL

Manual Integrations
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Sohil
 4/26/2018 6:20:02 PM

Quant Time: Apr 26 05:49:18 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	811	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3270	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2127	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5679m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	8235m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6181m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	254	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	1047m	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.23	128	3280	0.360	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	2652	0.435	ng/ul	100
7) Acenaphthylene	14.68	152	7159	0.653	ng/ul	98
8) Acenaphthene	15.01	153	771	0.098	ng/ul#	89
9) Fluorene	15.98	166	1260	0.120	ng/ul	89
12) Phenanthrene	17.70	178	37812m	2.261	ng/ul	
13) Anthracene	17.79	178	15366m	0.916	ng/ul	
15) Fluoranthene	19.67	202	146130m	5.718	ng/ul	
17) Pyrene	20.02	202	91511	5.539	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	80117m	3.213	ng/ul	
19) Chrysene	21.79	228	122365	5.341	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	219278m	9.369	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	64291m	2.873	ng/ul	
23) Benzo(a)pyrene	24.24	252	103811m	5.106	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.13	276	77996m	2.847	ng/ul	
25) Dibenzo(a,h)anthracene	27.14	278	25520m	1.112	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	71648m	3.004	ng/ul	

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

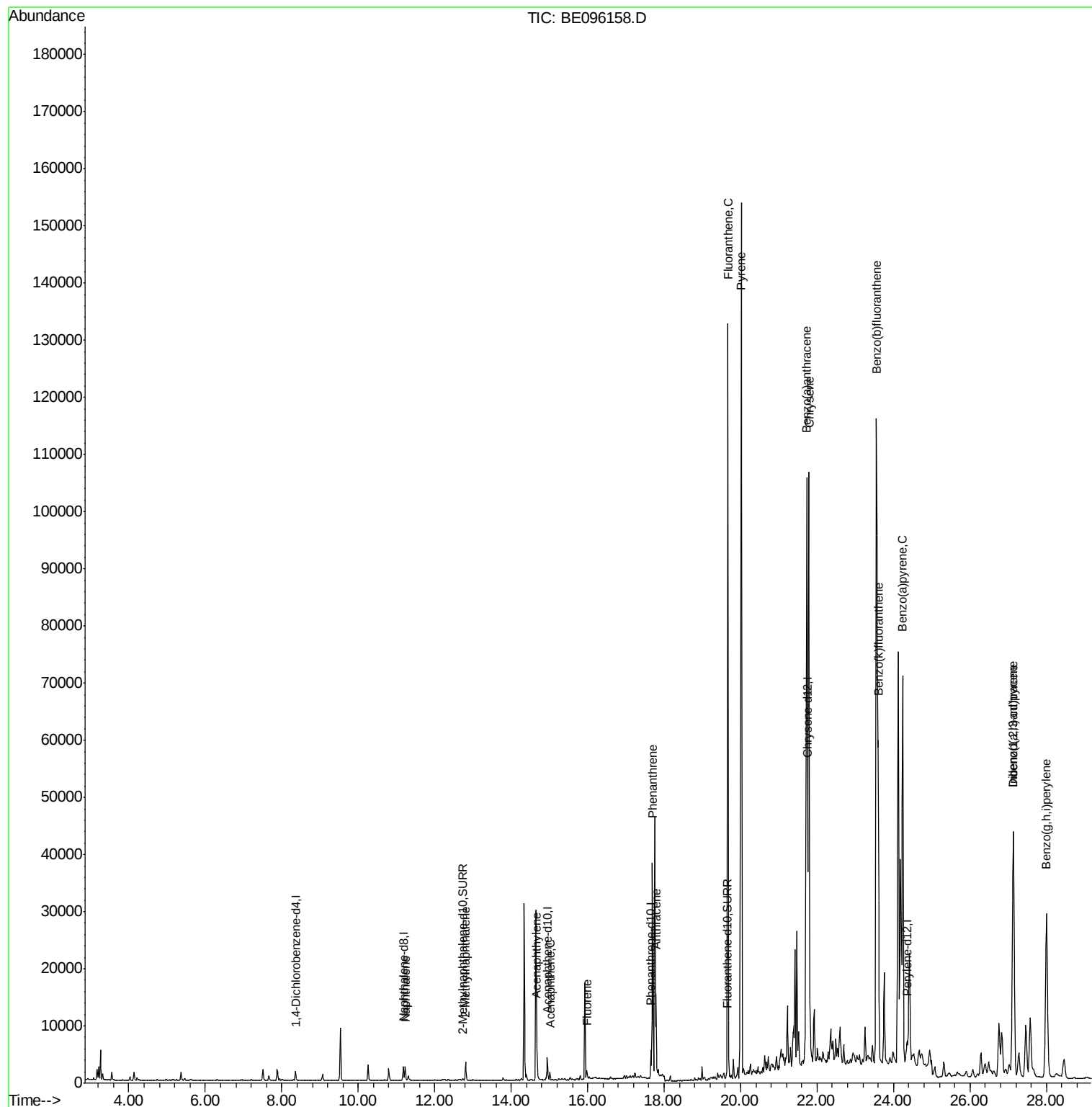
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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ALS Vial : 18 Sample Multiplier: 1

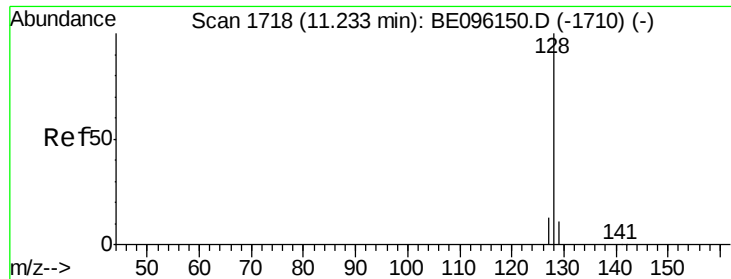
Instrument :
BNA_E
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QLast Update : Thu Apr 26 05:06:09 2018
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#3

Naphthalene

Concen: 0.360 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

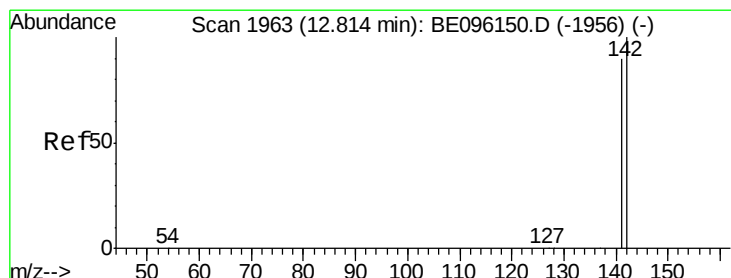
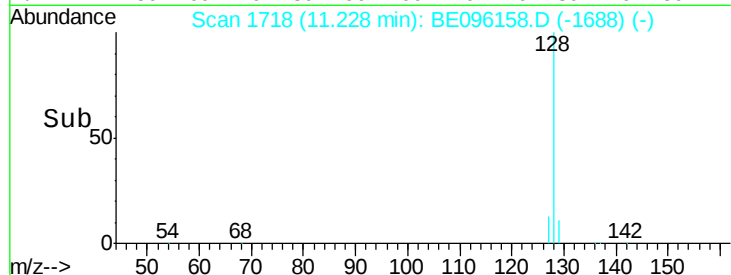
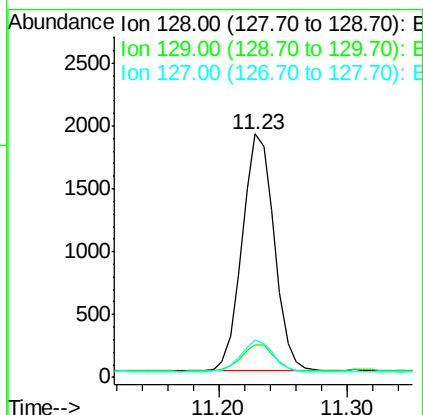
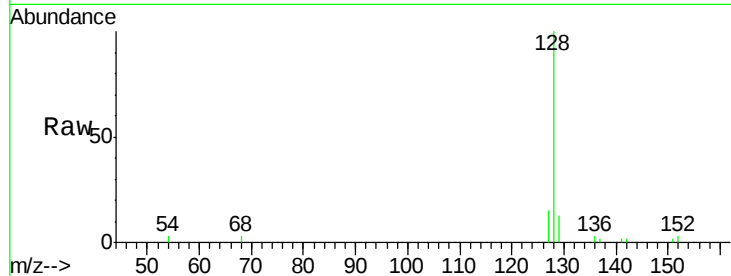
ClientSampleId :

C0AC1DL

Tgt Ion:	128	Resp:	3280
Ion Ratio	Lower	Upper	
128	100		
129	13.3	11.3	16.9
127	15.3	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.435 ng/ul

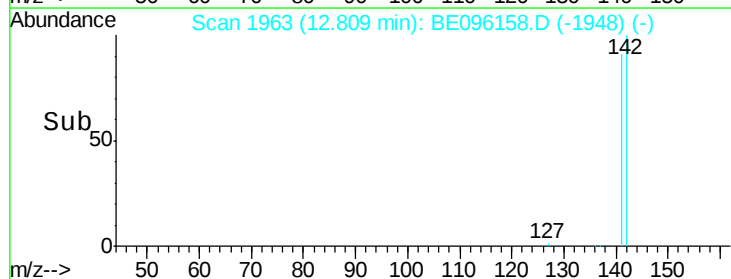
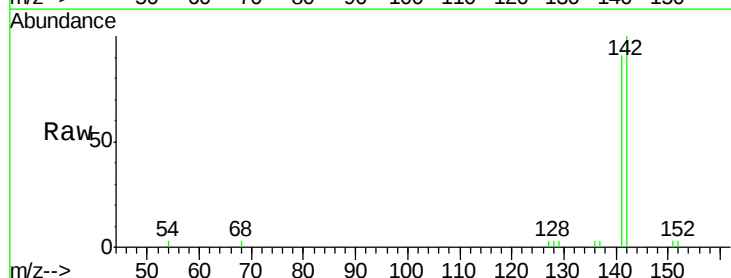
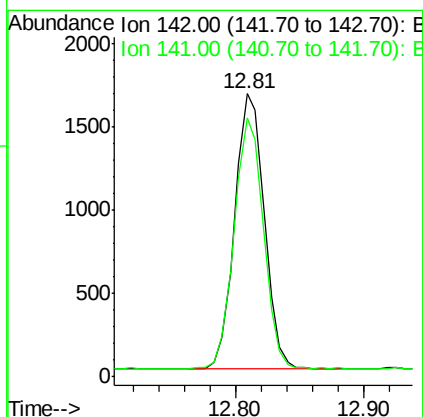
RT: 12.81 min Scan# 1963

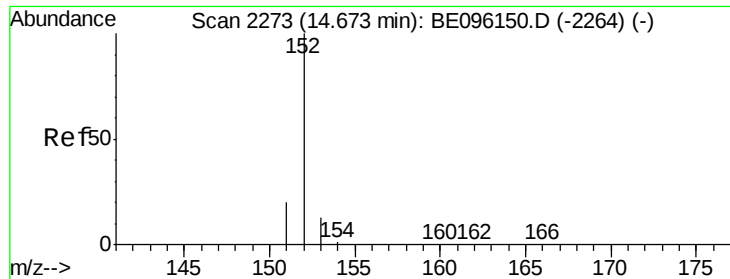
Delta R.T. -0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Tgt Ion:	142	Resp:	2652
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.653 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

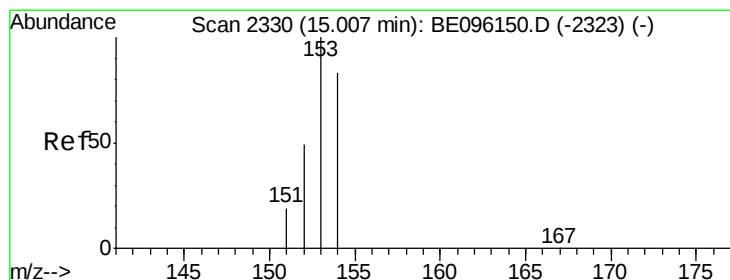
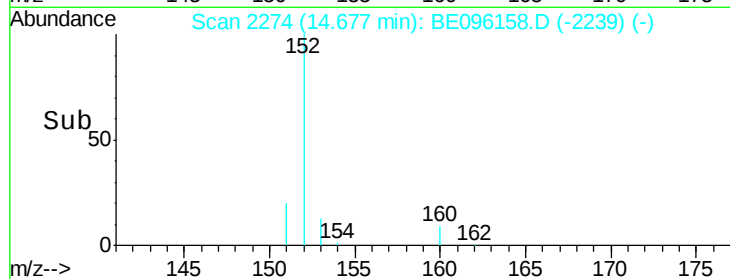
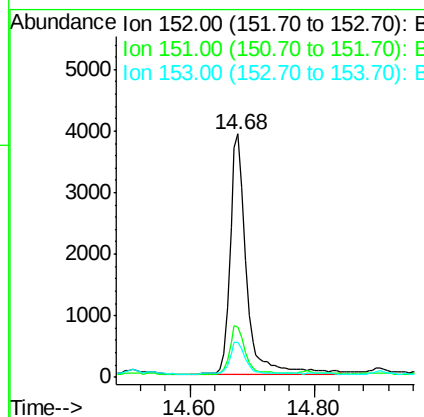
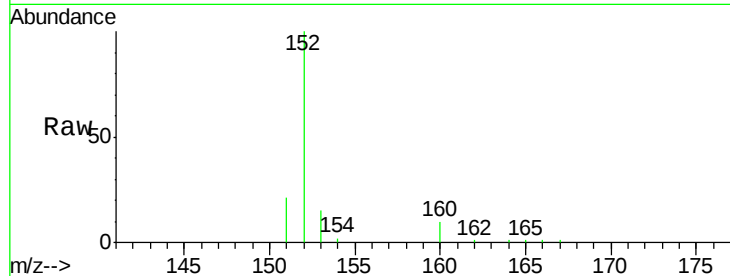
ClientSampled :

C0AC1DL

Tgt Ion:	152	Resp:	7159
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	14.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.098 ng/ul

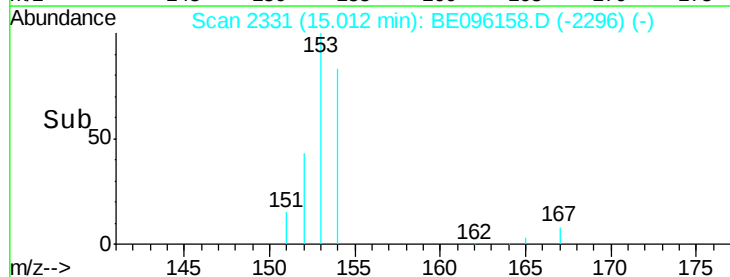
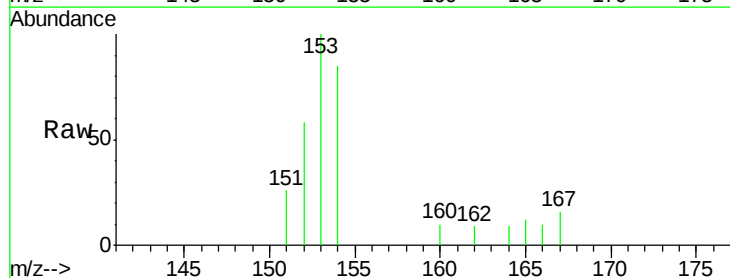
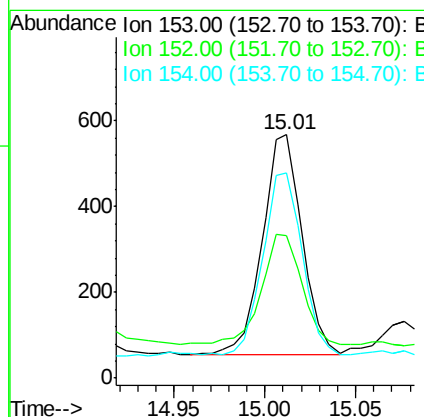
RT: 15.01 min Scan# 2331

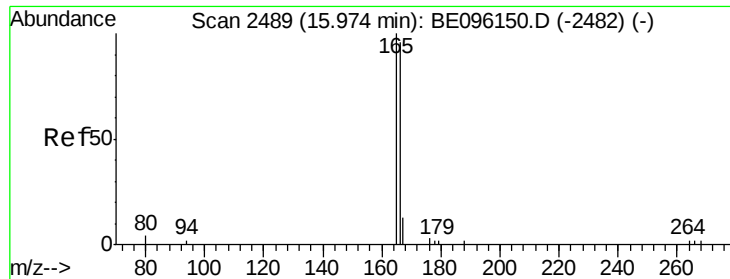
Delta R.T. 0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Tgt Ion:	153	Resp:	771
Ion Ratio	Lower	Upper	
153	100		
152	58.3	36.0	54.0#
154	84.5	72.0	108.0





#9

Fluorene

Concen: 0.120 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

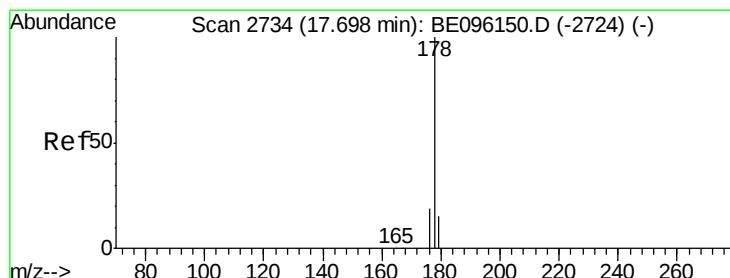
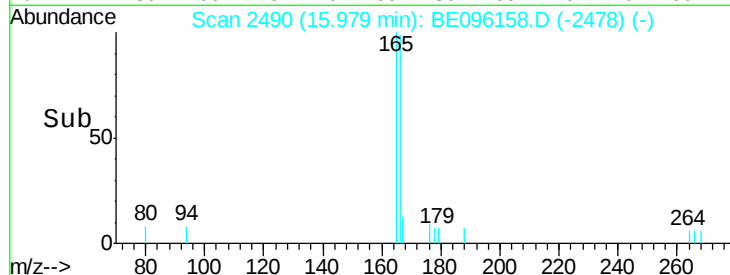
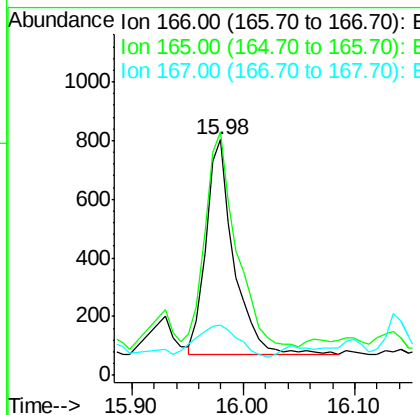
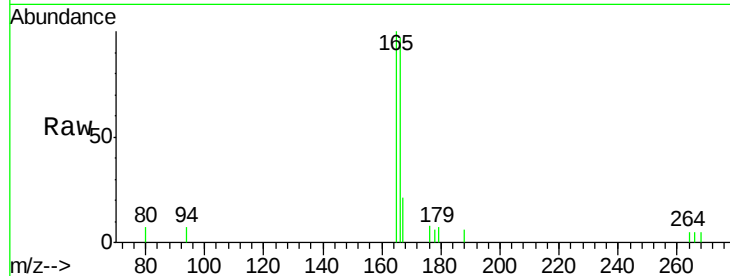
ClientSampled :

C0AC1DL

Tgt Ion:	166	Resp:	1260
Ion Ratio	Lower	Upper	
166	100		
165	103.4	73.4	110.2
167	21.4	14.6	22.0

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#12

Phenanthrene

Concen: 2.261 ng/ul m

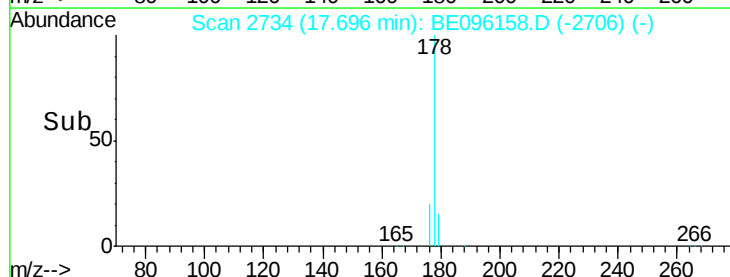
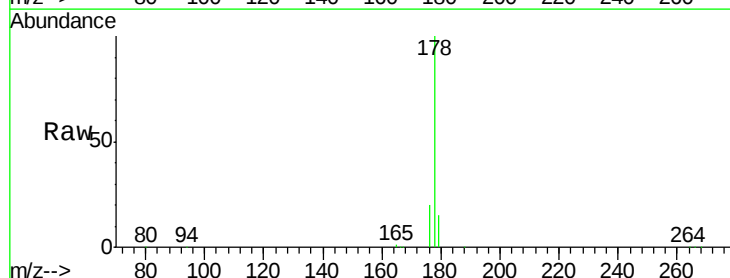
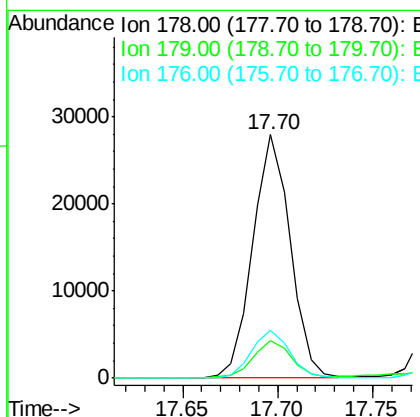
RT: 17.70 min Scan# 2734

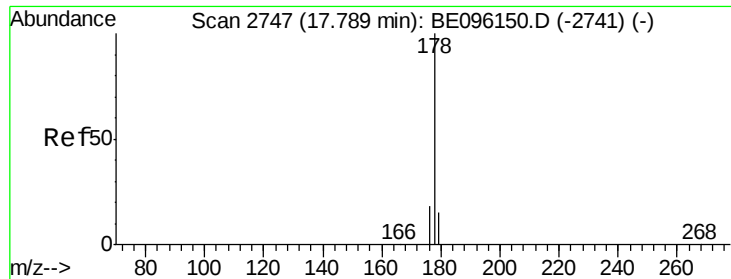
Delta R.T. -0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Tgt Ion:	178	Resp:	37812
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	19.8	13.6	20.4





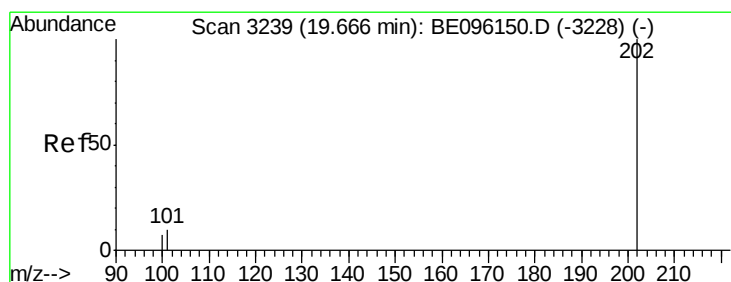
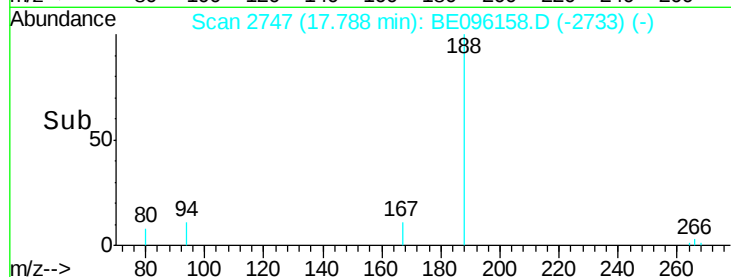
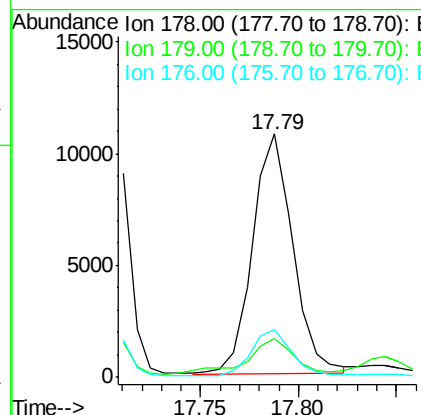
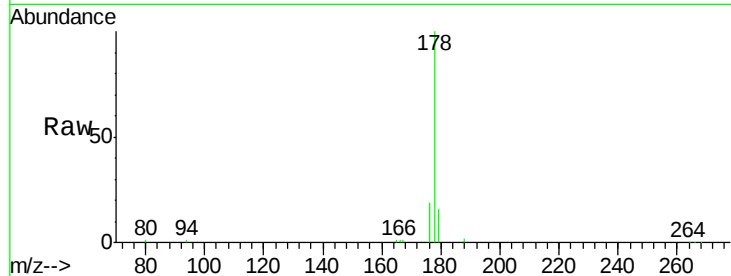
#13
 Anthracene
 Concen: 0.916 ng/ul m
 RT: 17.79 min Scan# 2747
 Delta R.T. -0.00 min
 Lab File: BE096158.D
 Acq: 25 Apr 2018 21:16

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	19.4	14.7	22.1

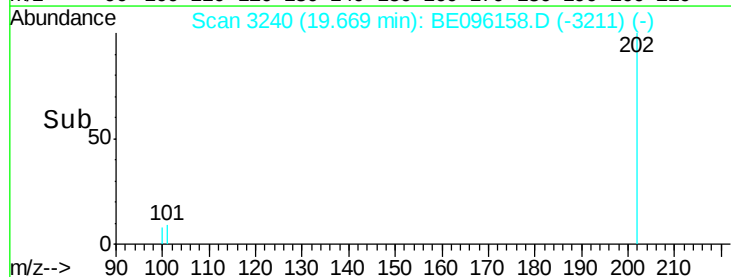
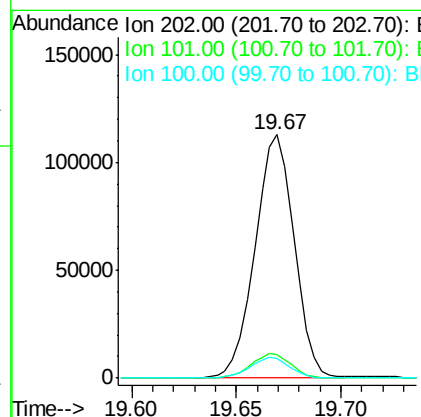
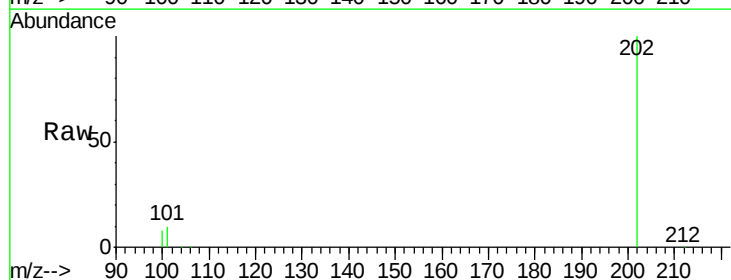
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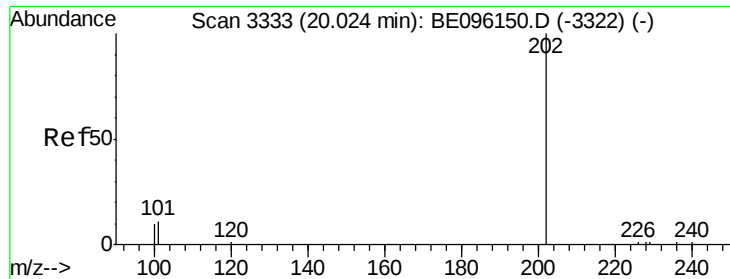
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#15
 Fluoranthene
 Concen: 5.718 ng/ul m
 RT: 19.67 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: BE096158.D
 Acq: 25 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
100	7.9	0.0	39.5





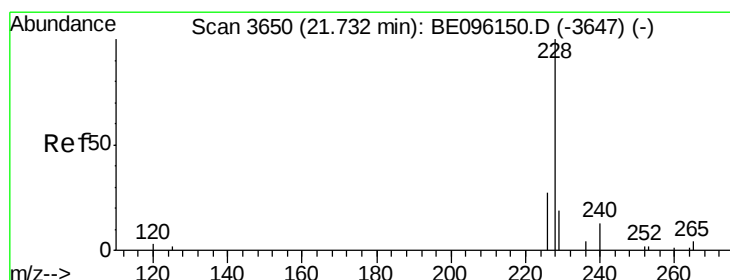
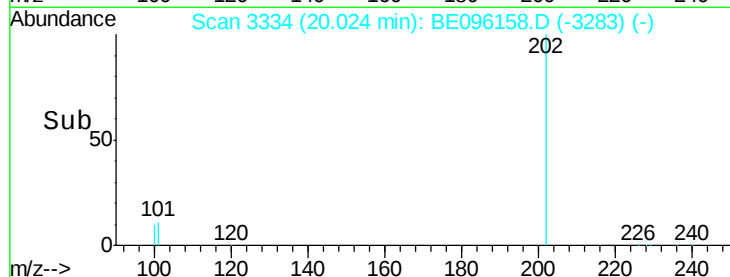
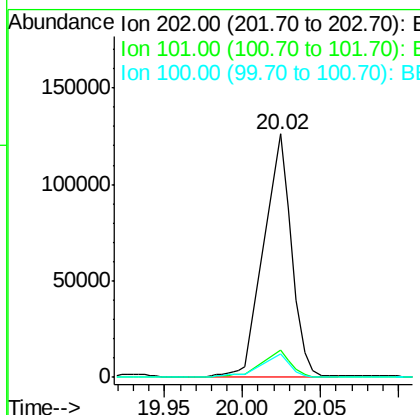
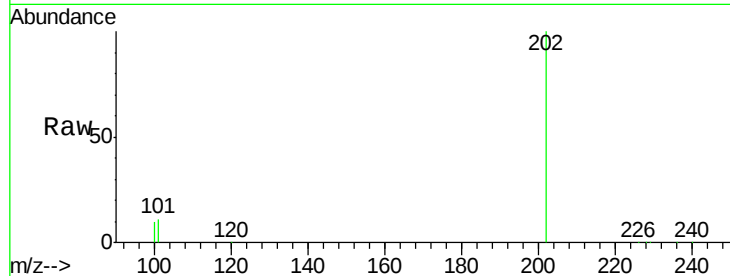
#17
 Pyrene
 Concen: 5.539 ng/ul
 RT: 20.02 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BE096158.D
 Acq: 25 Apr 2018 21:16

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	18.2	27.4#
100	9.9	15.6	23.4#

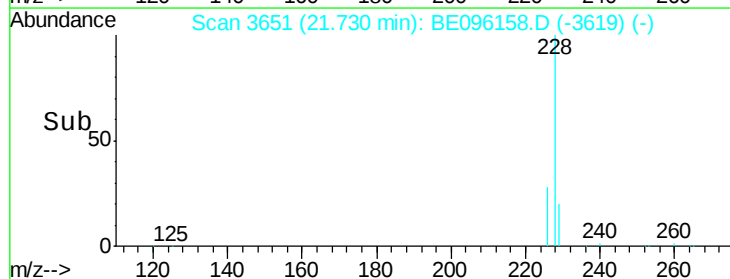
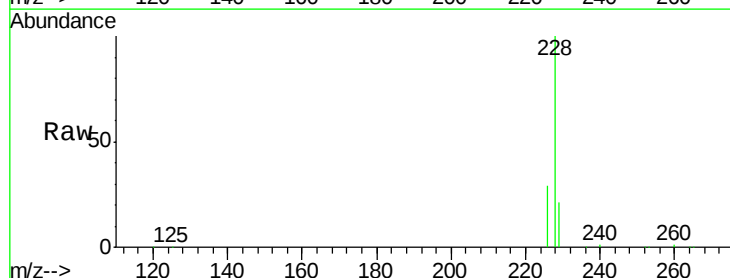
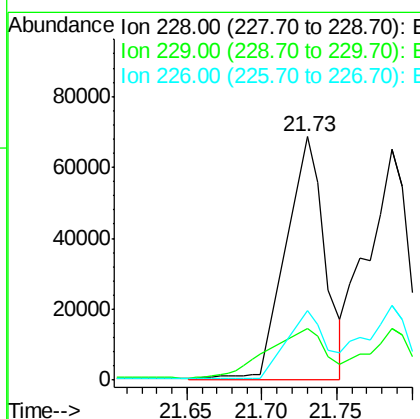
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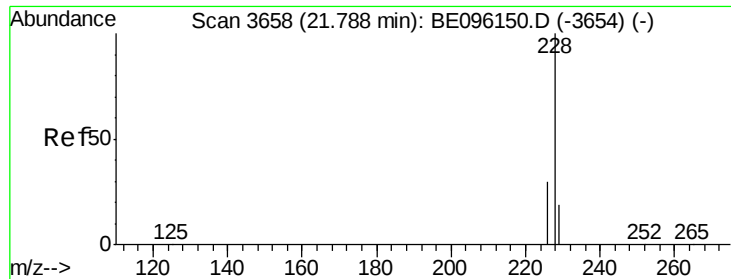
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#18
 Benzo(a)anthracene
 Concen: 3.213 ng/ul m
 RT: 21.73 min Scan# 3651
 Delta R.T. -0.00 min
 Lab File: BE096158.D
 Acq: 25 Apr 2018 21:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	22.8	34.2#
226	28.6	17.0	25.6#





#19

Chrysene

Concen: 5.341 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

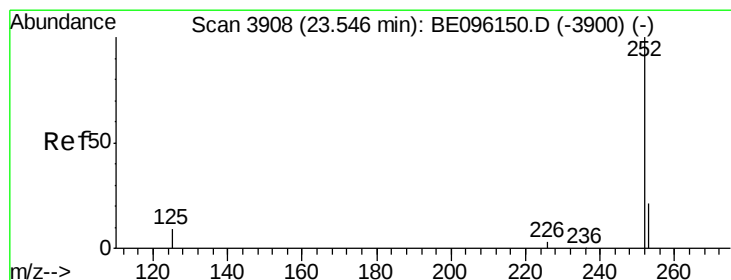
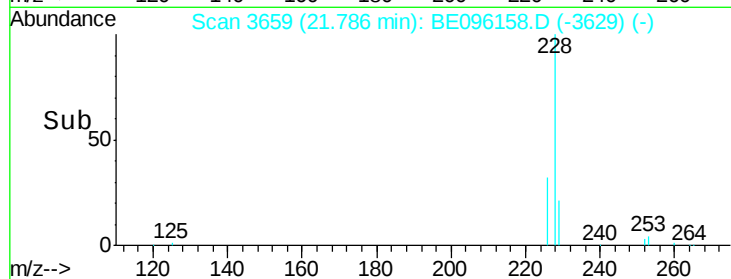
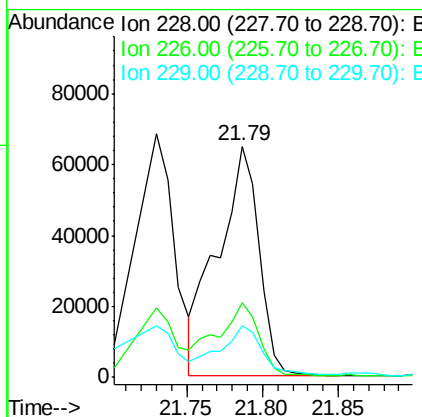
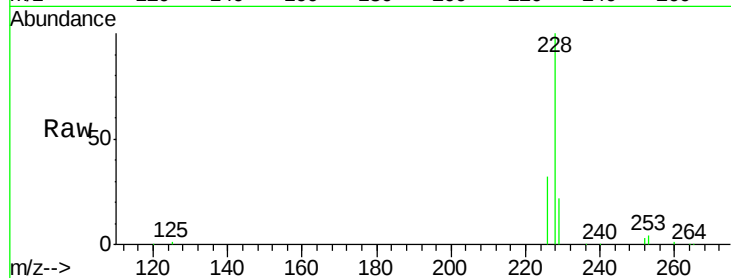
ClientSampleId :

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Tgt Ion:	228	Resp:	122365
Ion Ratio		Lower	Upper
228	100		
226	32.3	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 9.369 ng/ul m

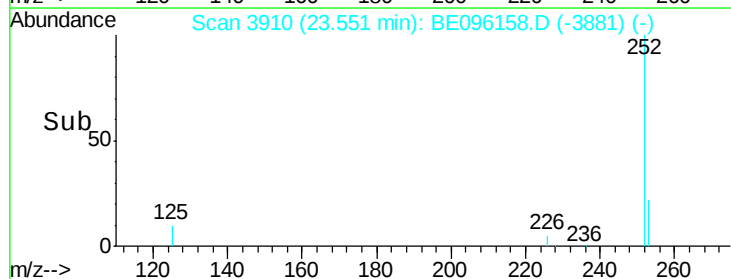
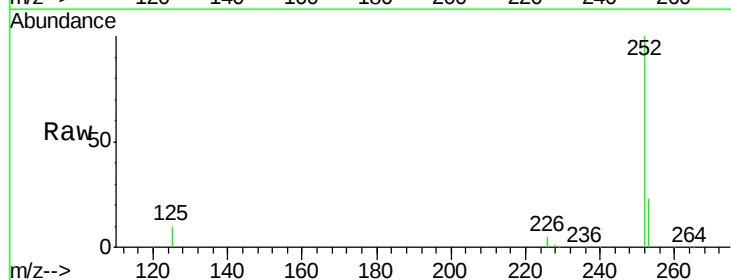
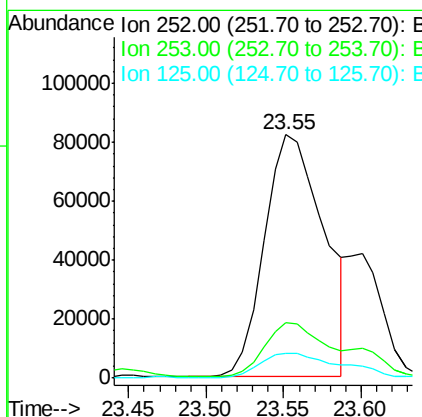
RT: 23.55 min Scan# 3910

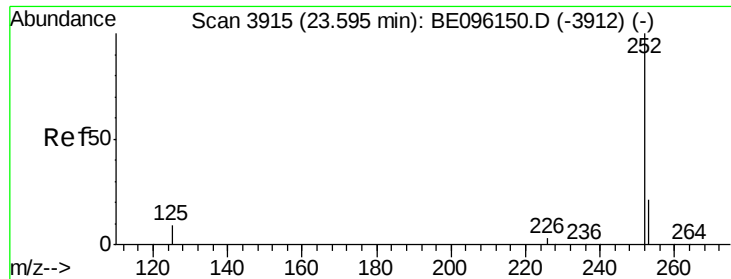
Delta R.T. 0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Tgt Ion:	252	Resp:	219278
Ion Ratio		Lower	Upper
252	100		
253	22.6	0.0	64.2
125	10.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.873 ng/ul m

RT: 23.60 min Scan# 3917

Delta R.T. 0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

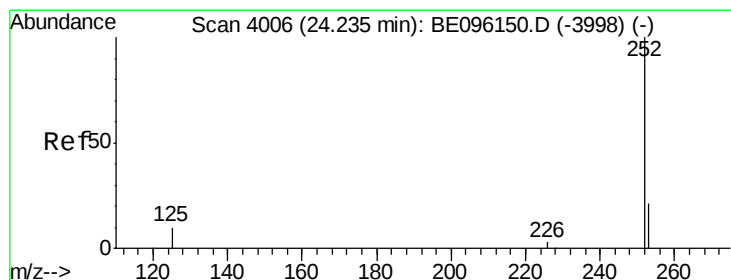
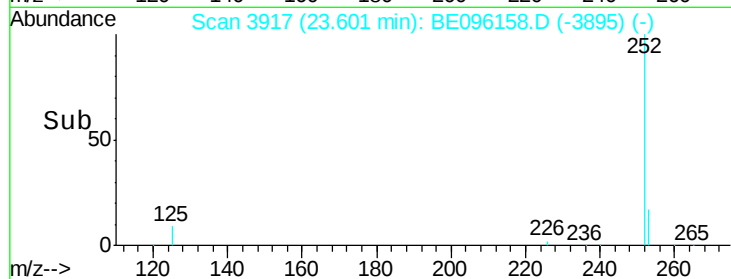
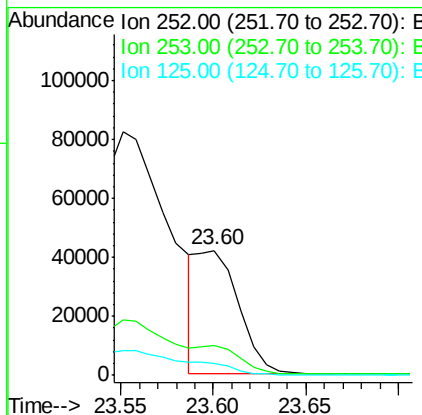
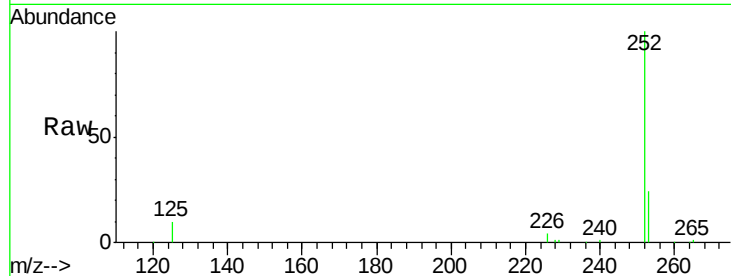
ClientSampleId :

C0AC1DL

Tgt Ion: 252 Resp: 64291
 Ion Ratio Lower Upper
 252 100
 253 23.7 24.5 36.7#
 125 9.8 13.7 20.5#

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#23

Benzo(a)pyrene

Concen: 5.106 ng/ul m

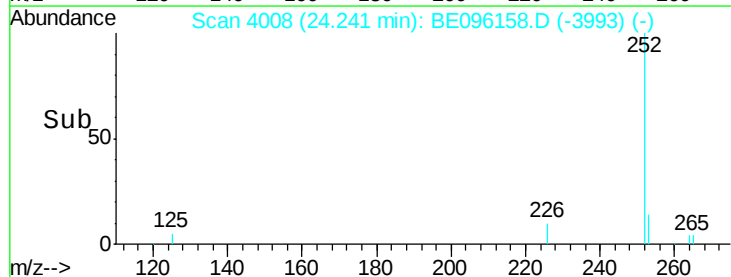
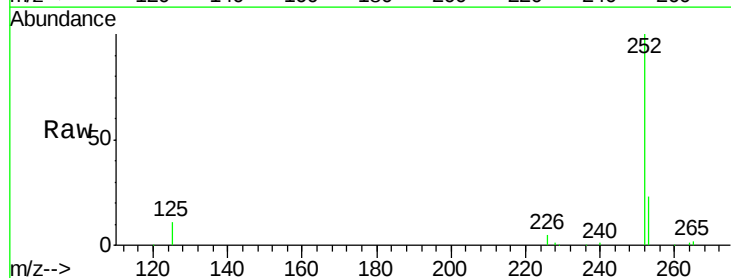
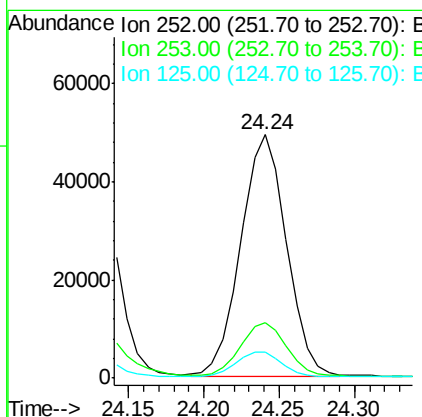
RT: 24.24 min Scan# 4008

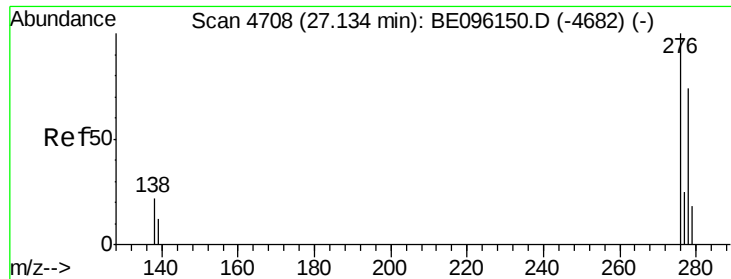
Delta R.T. 0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Tgt Ion: 252 Resp: 103811
 Ion Ratio Lower Upper
 252 100
 253 22.9 28.5 42.7#
 125 10.6 18.1 27.1#





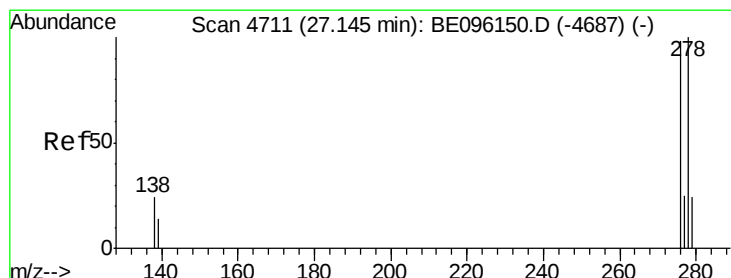
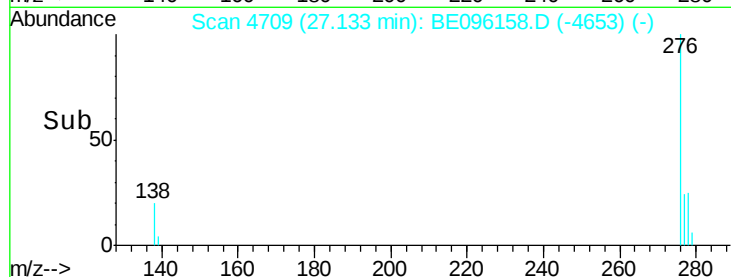
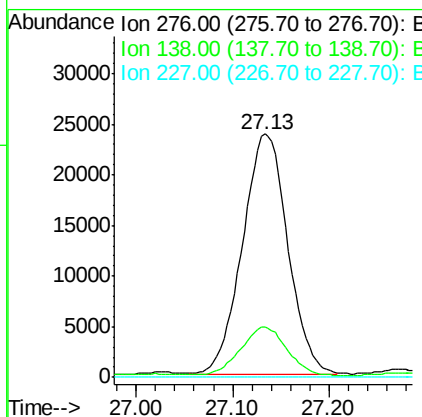
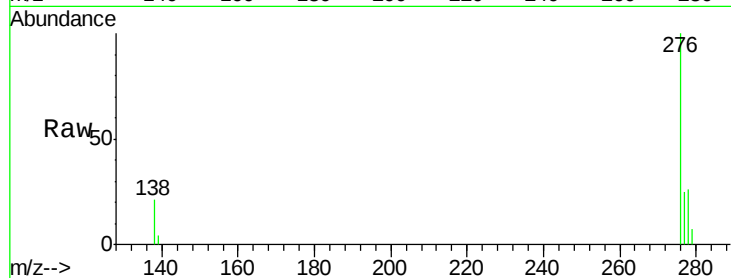
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.847 ng/ul m
RT: 27.13 min Scan# 4709
Delta R.T. -0.00 min
Lab File: BE096158.D
Acq: 25 Apr 2018 21:16

Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	77996		
138	19.5	28.0	42.0#	
227	0.0	8.0	12.0#	

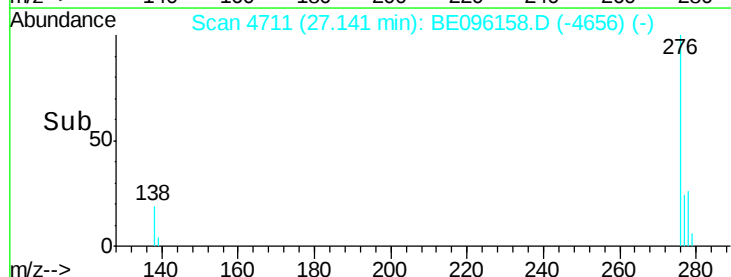
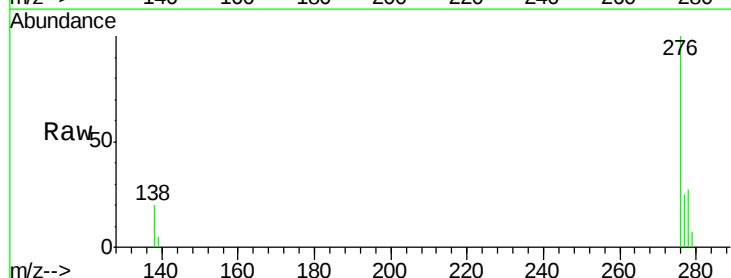
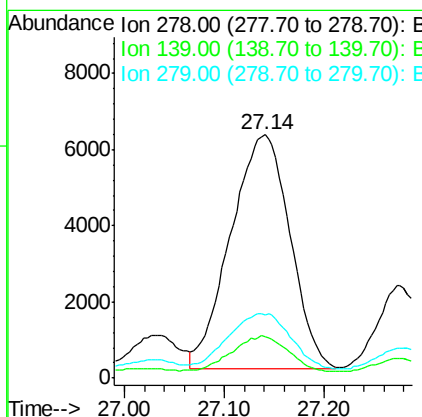
Manual Integrations
APPROVED

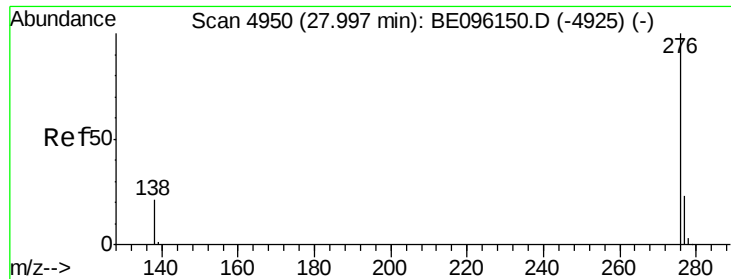
Sohil
4/26/2018 6:20:02 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.112 ng/ul m
RT: 27.14 min Scan# 4711
Delta R.T. -0.00 min
Lab File: BE096158.D
Acq: 25 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	25520		
139	16.8	17.4	26.0#	
279	25.9	25.9	38.9#	





#26
 Benzo(g,h,i)perylene
 Concen: 3.004 ng/ul m
 RT: 28.00 min Scan# 4953
 Delta R.T. 0.01 min
 Lab File: BE096158.D
 Acq: 25 Apr 2018 21:16

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1DL

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

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:02 PM

