

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096066.D
 Acq On : 21 Apr 2018 6:37
 Operator : SJ/JU
 Sample : J2434-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Manual Integrations
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Sohil
 4/23/2018 6:44:24 PM

Quant Time: Apr 23 02:36:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2039	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5717	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3387	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7404m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7135m	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	8867	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2616	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	7004m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	768	0.048	ng/ul#	72
5) 2-Methylnaphthalene	12.83	142	352	0.033	ng/ul	98
7) Acenaphthylene	14.70	152	2293	0.131	ng/ul	94
8) Acenaphthene	15.03	153	1087	0.086	ng/ul	96
9) Fluorene	15.99	166	1760	0.124	ng/ul	90
12) Phenanthrene	17.72	178	35064m	1.607	ng/ul	
13) Anthracene	17.80	178	9386m	0.432	ng/ul	
15) Fluoranthene	19.68	202	97357m	3.279	ng/ul	
17) Pyrene	20.04	202	84501	3.485	ng/ul#	78
18) Benzo(a)anthracene	21.74	228	56623m	1.964	ng/ul	
19) Chrysene	21.80	228	39402	1.899	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	55476m	1.933	ng/ul	
22) Benzo(k)fluoranthene	23.61	252	15641m	0.547	ng/ul	
23) Benzo(a)pyrene	24.26	252	38537	1.392	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.16	276	22660	0.736	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.18	278	5938	0.240	ng/ul	98
26) Benzo(a,h,i)perylene	28.04	276	21202	0.825	ng/ul#	94

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

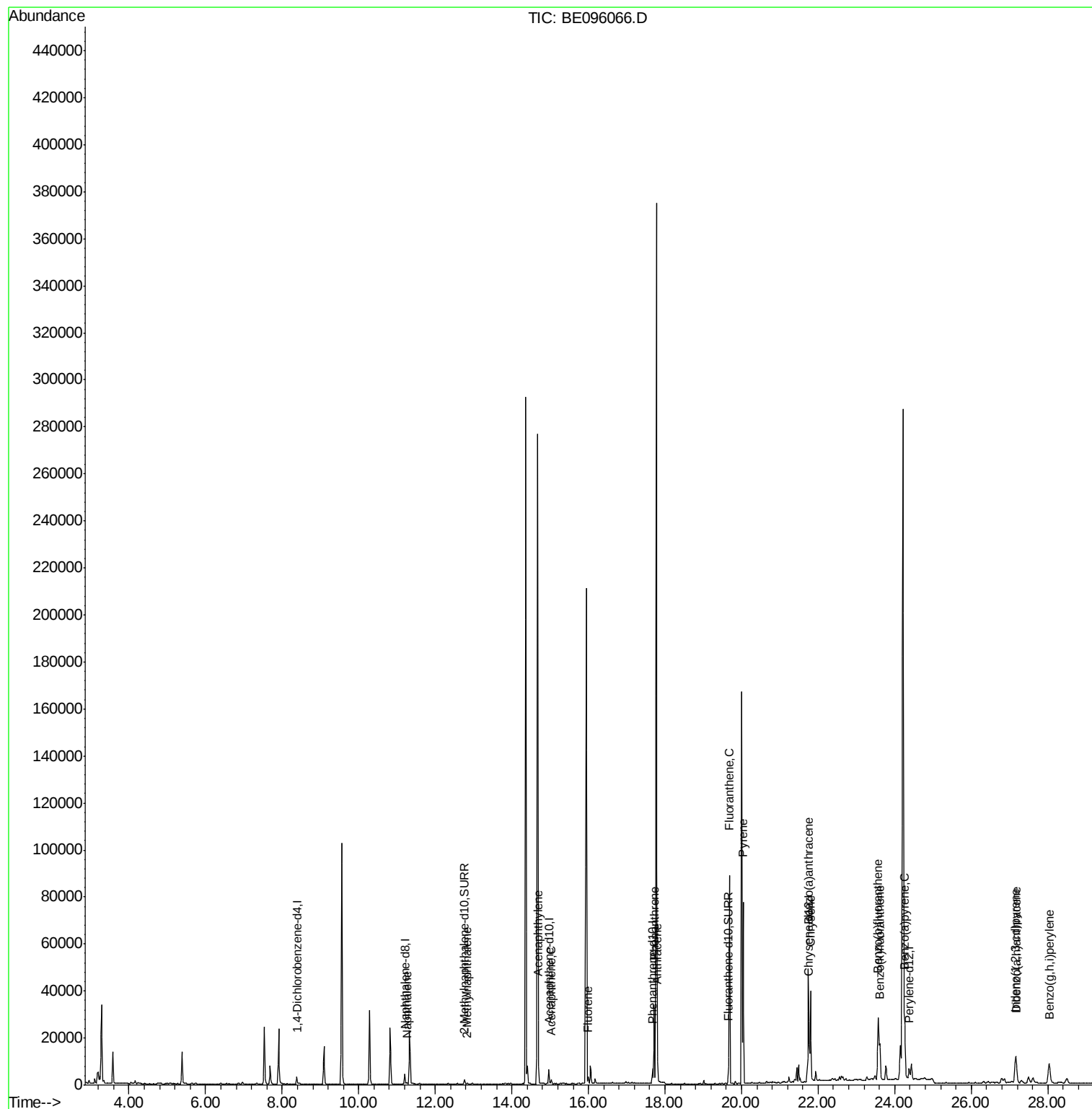
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096066.D
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Sample : J2434-14
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ALS Vial : 23 Sample Multiplier: 1

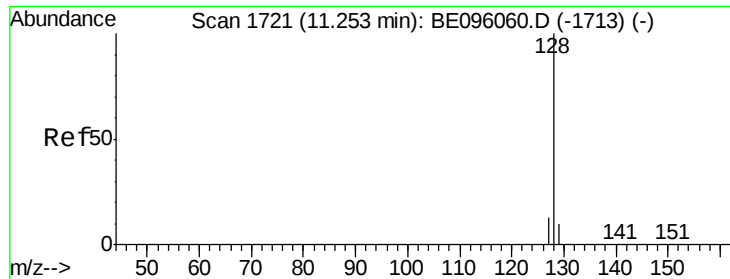
Instrument :
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#3

Naphthalene

Concen: 0.048 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

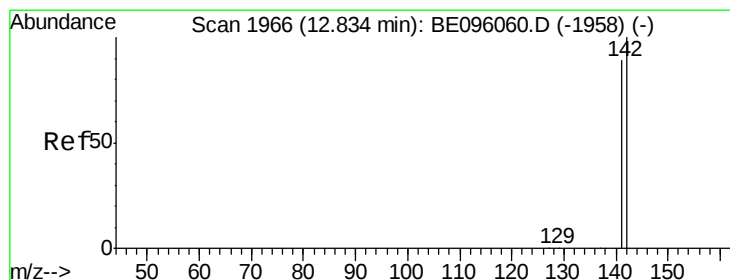
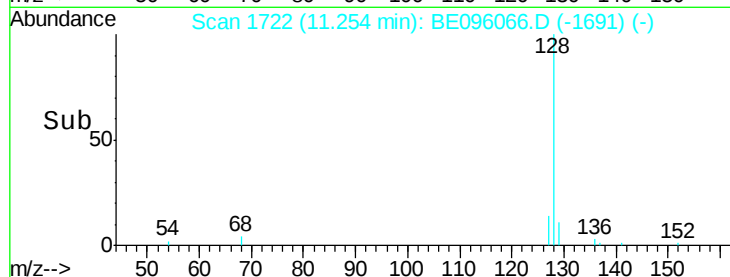
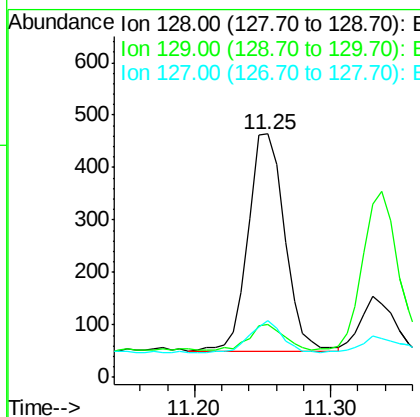
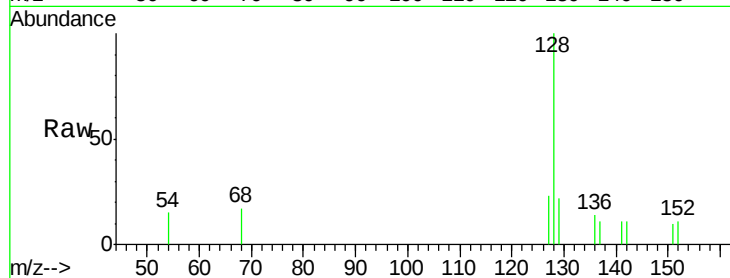
ClientSampleId :

C0AC9

Tot Ion:	128	Resp:	768
Ion Ratio	Lower	Upper	
128	100		
129	21.6	11.3	16.9#
127	23.1	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

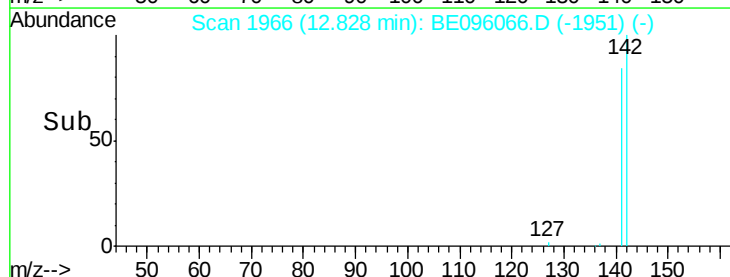
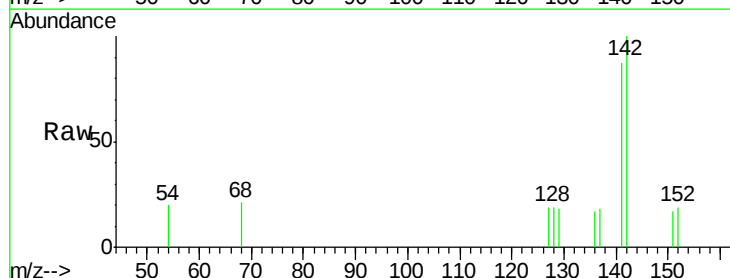
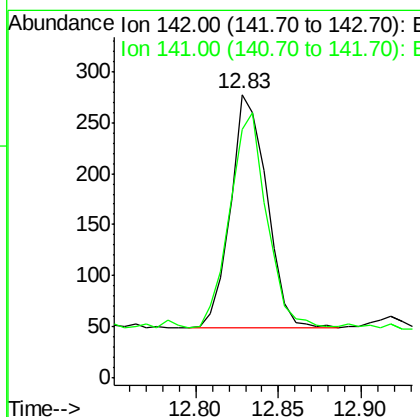
RT: 12.83 min Scan# 1966

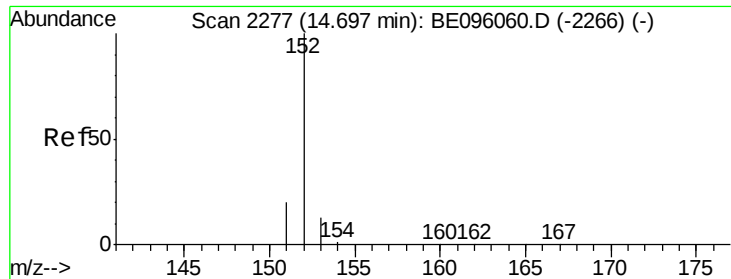
Delta R.T. -0.01 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Tgt Ion:	142	Resp:	352
Ion Ratio	Lower	Upper	
142	100		
141	92.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.131 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

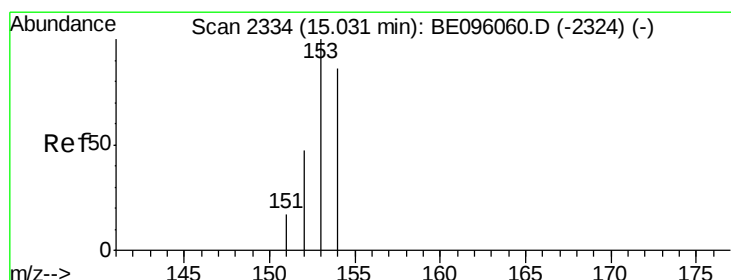
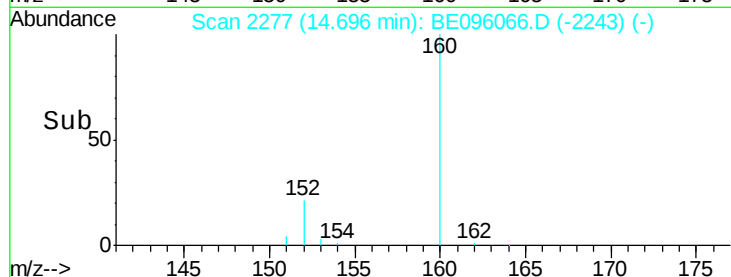
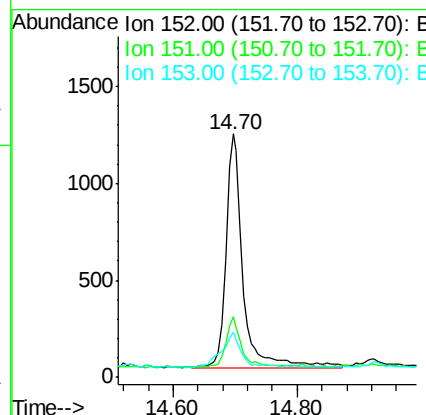
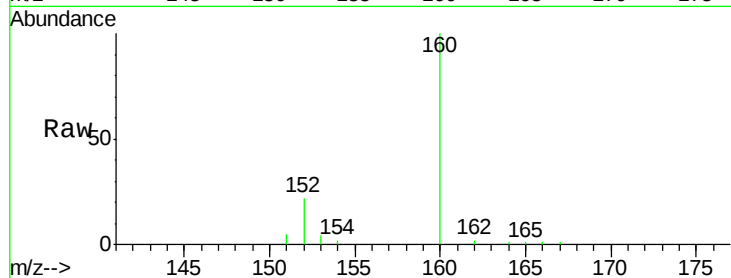
ClientSampleId :

C0AC9

Tot Ion:	152	Resp:	2293
Ion Ratio	Lower	Upper	
152	100		
151	24.6	17.1	25.7
153	18.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.086 ng/ul

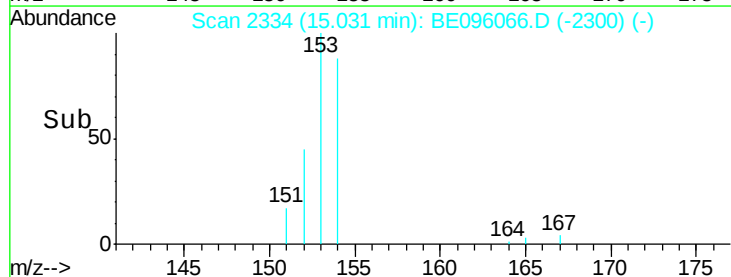
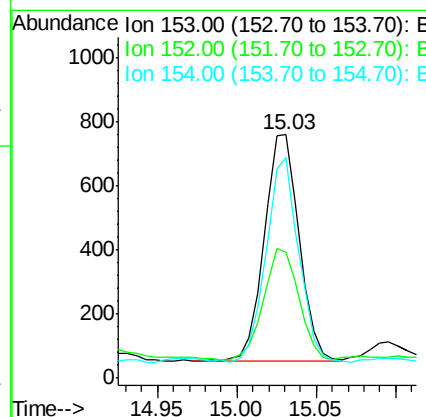
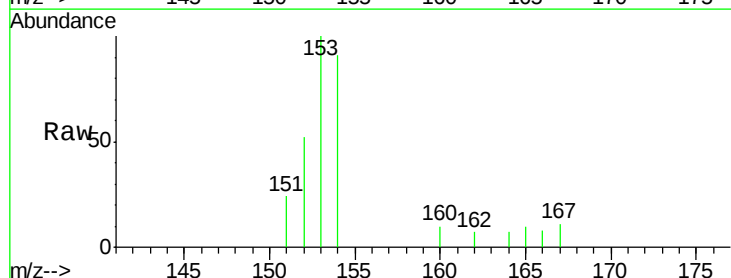
RT: 15.03 min Scan# 2334

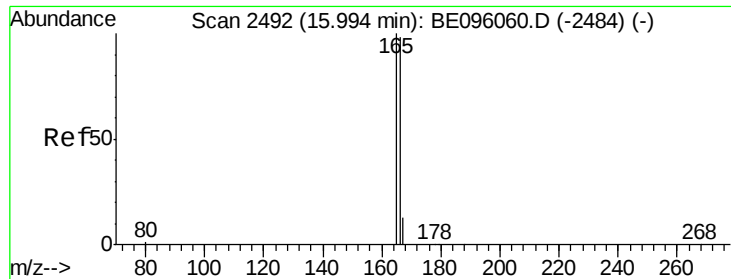
Delta R.T. -0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Tgt Ion:	153	Resp:	1087
Ion Ratio	Lower	Upper	
153	100		
152	51.8	36.0	54.0
154	90.8	72.0	108.0





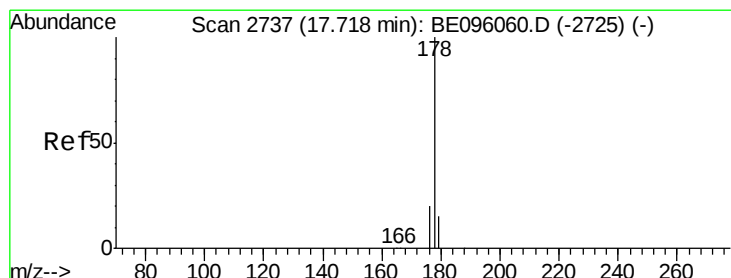
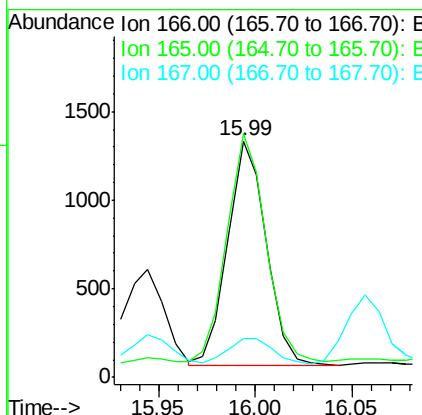
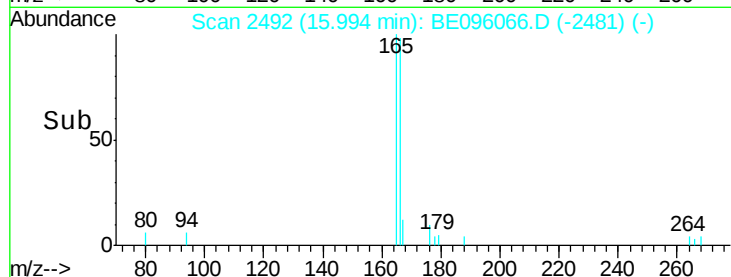
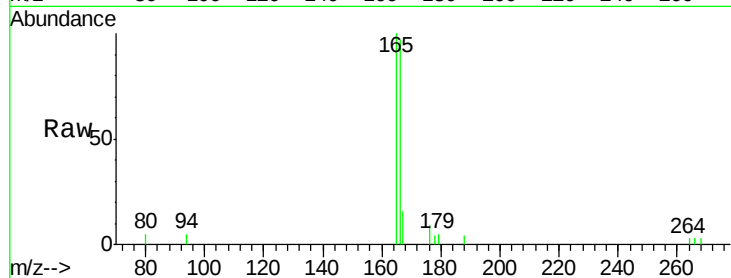
#9
Fluorene
 Concen: 0.124 ng/ul
 RT: 15.99 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BE096066.D
 Acq: 21 Apr 2018 6:37

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.9	73.4	110.2
167	16.5	14.6	22.0

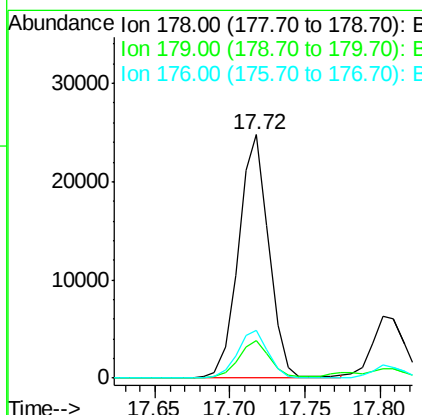
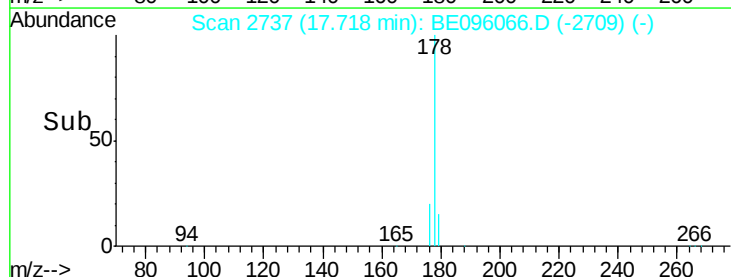
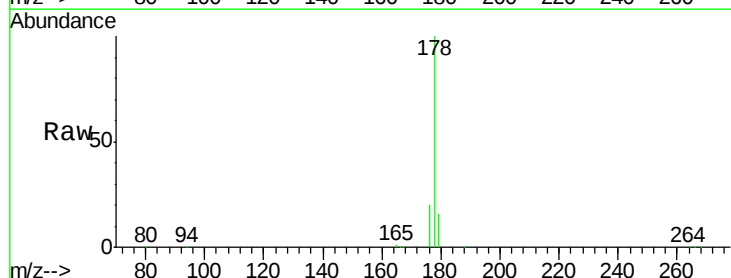
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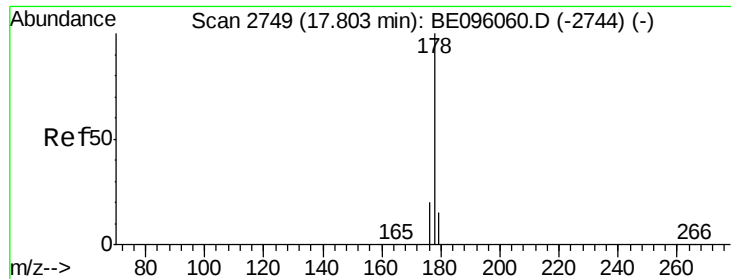
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#12
Phenanthrene
 Concen: 1.607 ng/ul m
 RT: 17.72 min Scan# 2737
 Delta R.T. -0.00 min
 Lab File: BE096066.D
 Acq: 21 Apr 2018 6:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.7	13.6	20.4





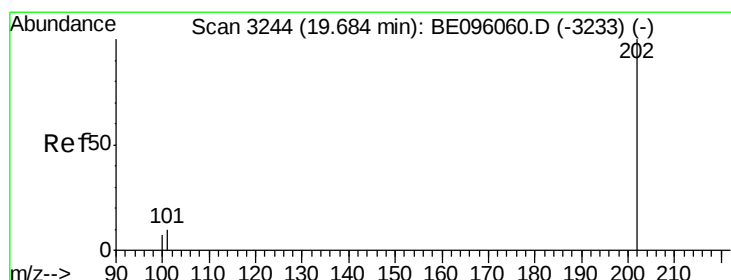
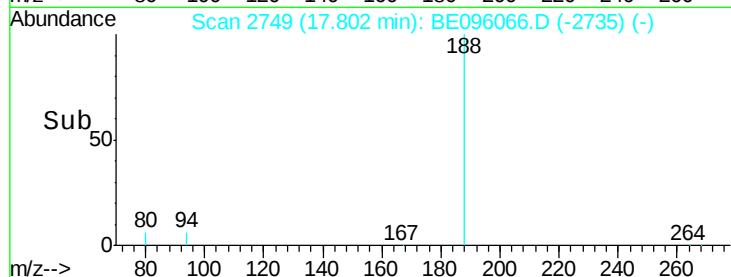
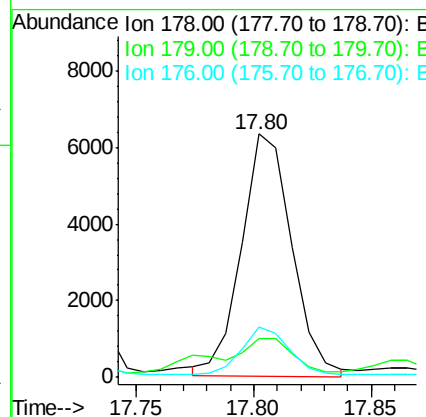
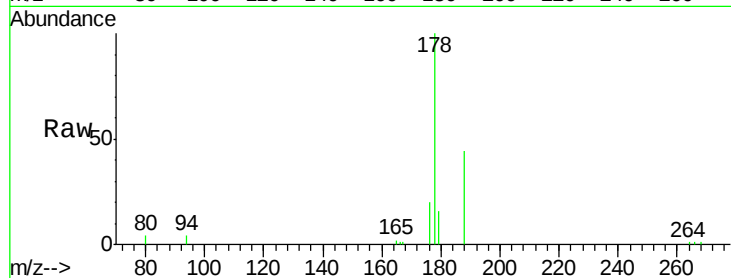
#13
 Anthracene
 Concen: 0.432 ng/ul m
 RT: 17.80 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: BE096066.D
 Acq: 21 Apr 2018 6:37

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Tot Ion:178 Resp: 9386
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.1 27.1#
 176 20.5 14.7 22.1

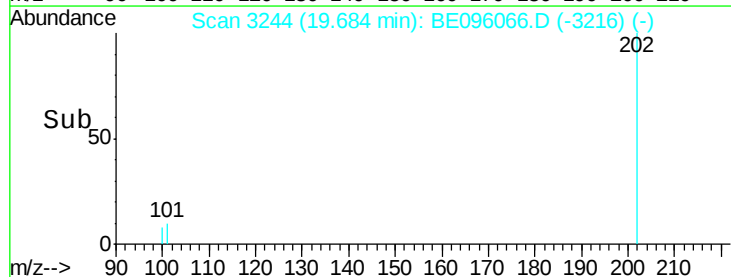
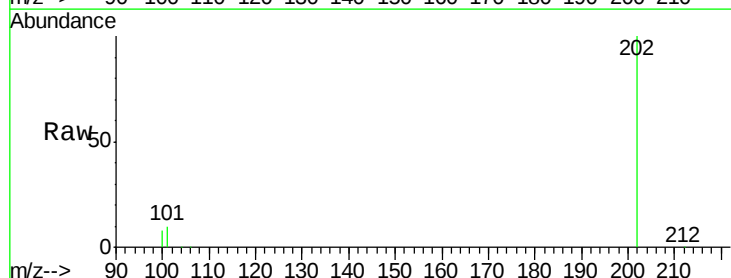
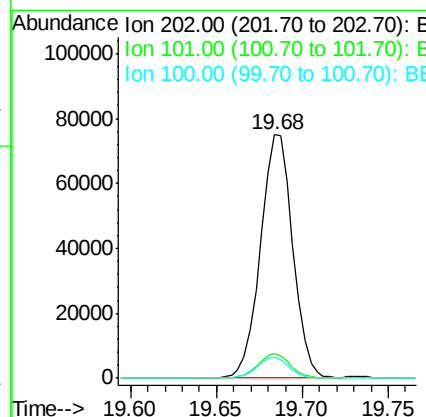
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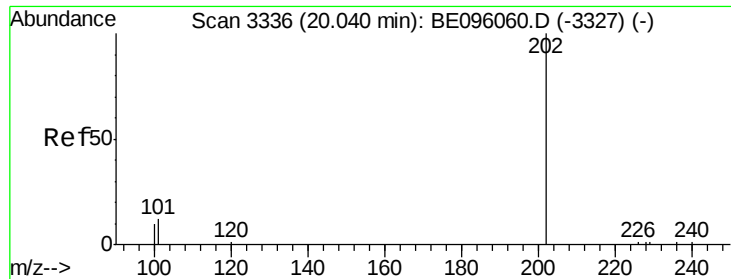
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#15
 Fluoranthene
 Concen: 3.279 ng/ul m
 RT: 19.68 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BE096066.D
 Acq: 21 Apr 2018 6:37

Tgt Ion:202 Resp: 97357
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 30.3
 100 8.5 0.0 39.5





#17

Pvrene

Concen: 3.485 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

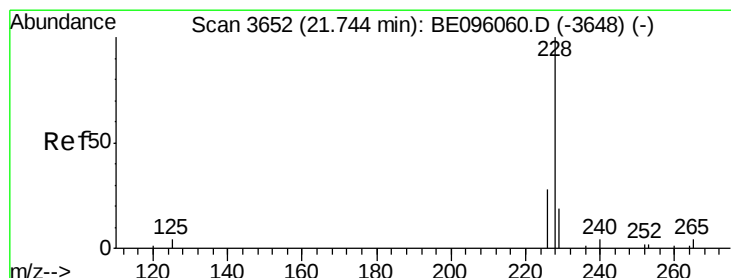
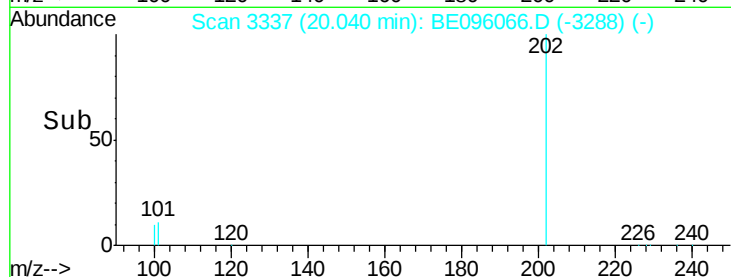
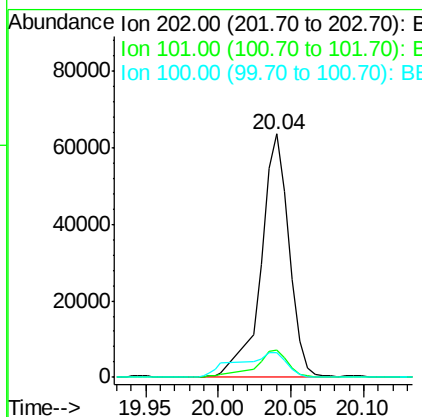
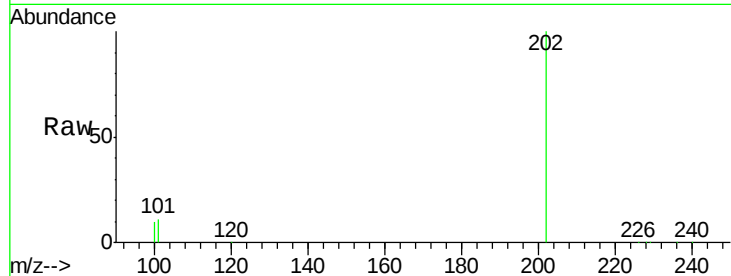
ClientSampleId :

C0AC9

Tot Ion:	202	Resp:	84501
Ion Ratio	Lower	Upper	
202	100		
101	11.5	18.2	27.4#
100	10.2	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.964 ng/ul m

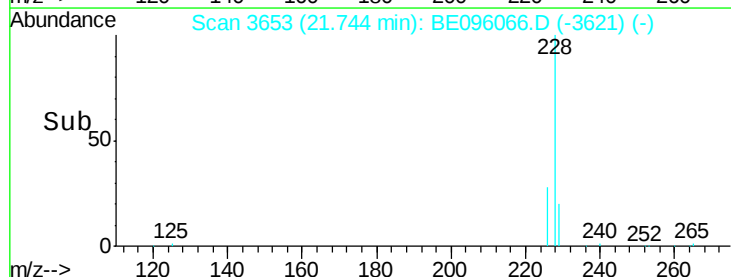
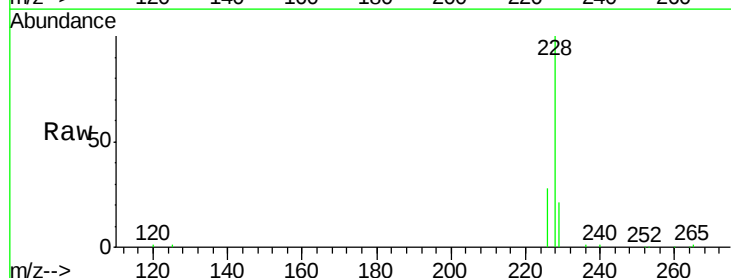
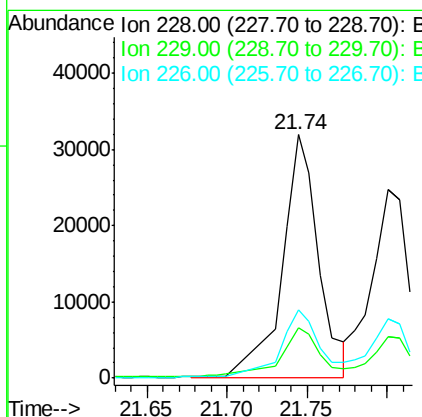
RT: 21.74 min Scan# 3653

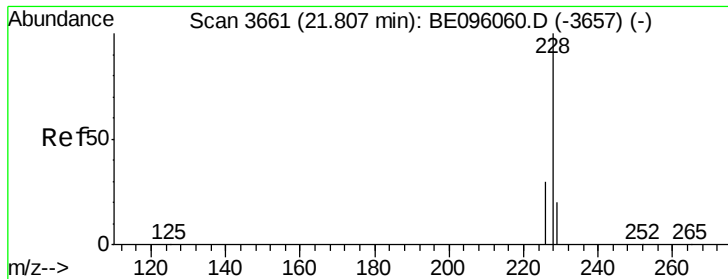
Delta R.T. 0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Tgt Ion:	228	Resp:	56623
Ion Ratio	Lower	Upper	
228	100		
229	20.6	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 1.899 ng/ul

RT: 21.80 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

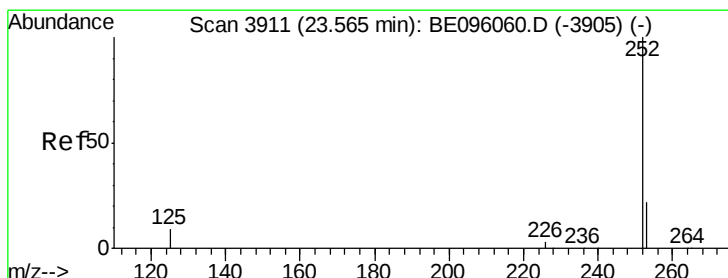
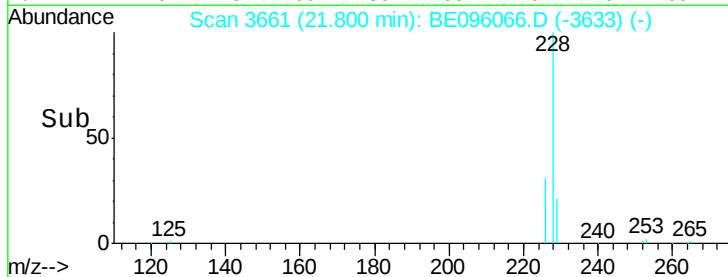
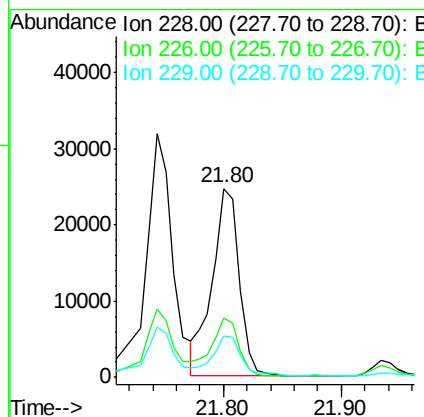
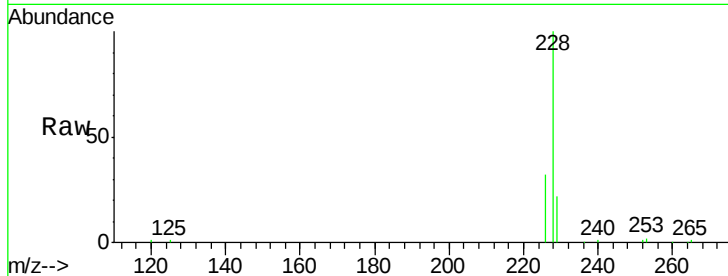
ClientSampled :

C0AC9

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	22.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.933 ng/ul m

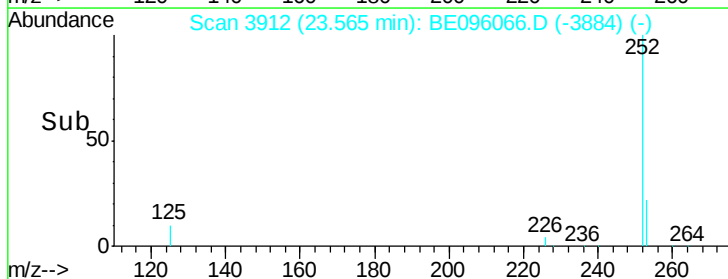
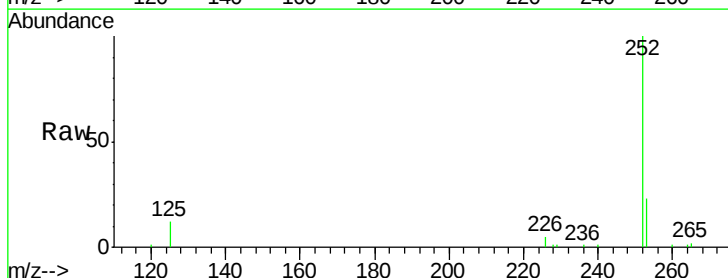
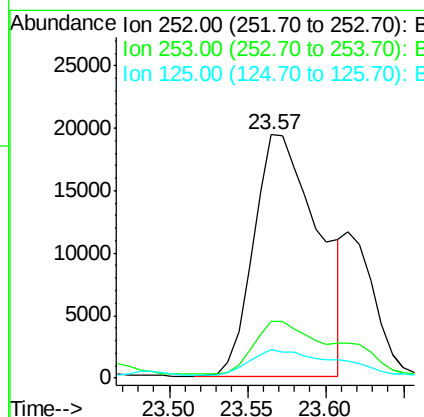
RT: 23.57 min Scan# 3912

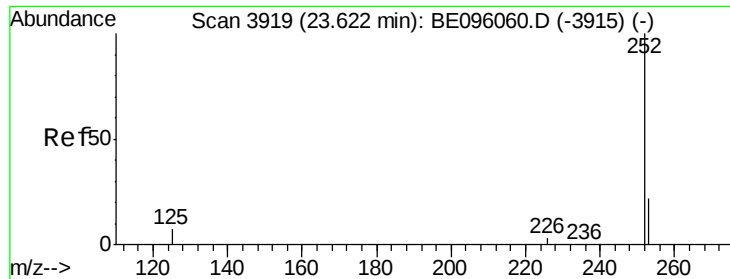
Delta R.T. 0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	11.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.547 ng/ul m

RT: 23.61 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

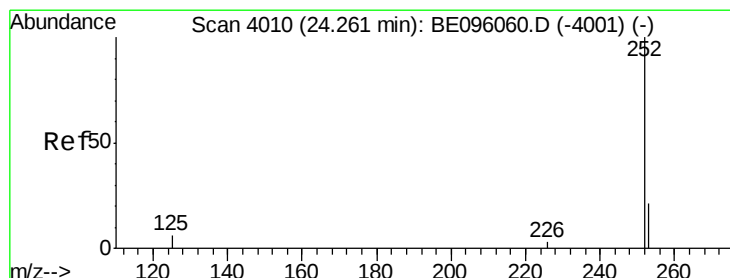
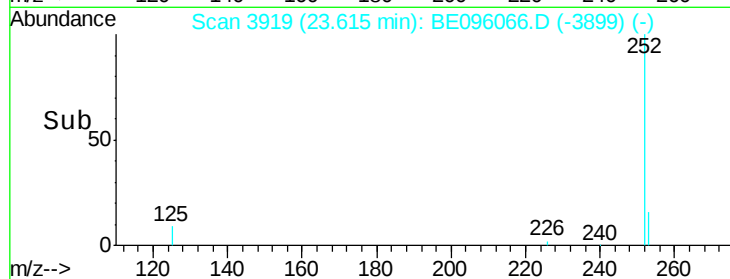
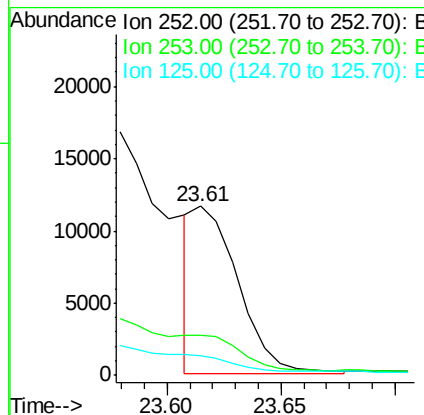
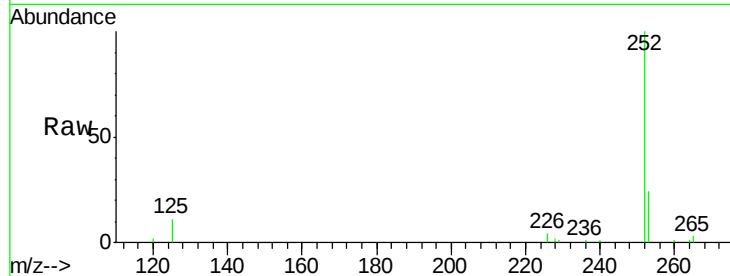
ClientSampleId :

C0AC9

Tot Ion:	252	Resp:	15641
Ion Ratio	Lower	Upper	
252	100		
253	24.1	24.5	36.7#
125	11.5	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.392 ng/ul

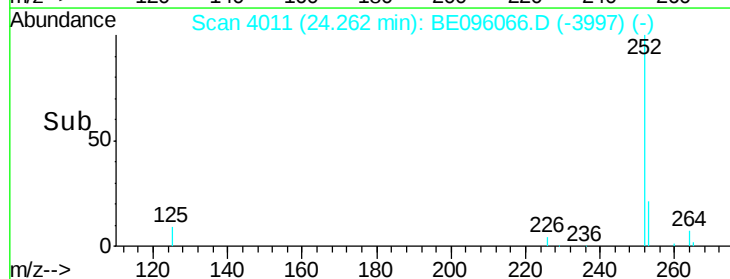
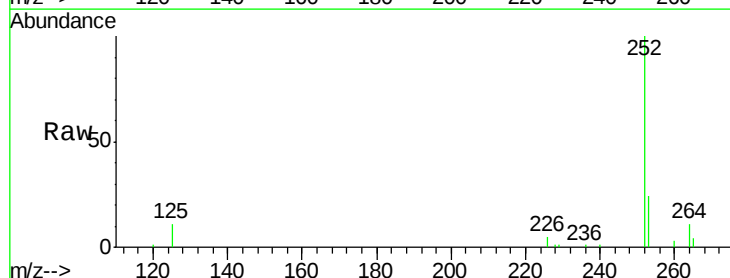
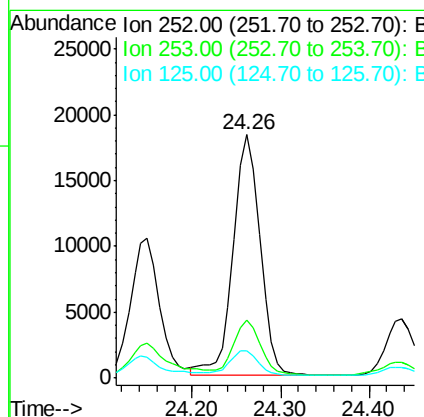
RT: 24.26 min Scan# 4011

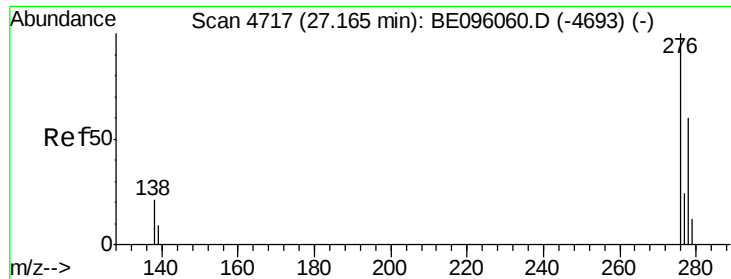
Delta R.T. 0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Tgt Ion:	252	Resp:	38537
Ion Ratio	Lower	Upper	
252	100		
253	24.1	28.5	42.7#
125	11.3	18.1	27.1#





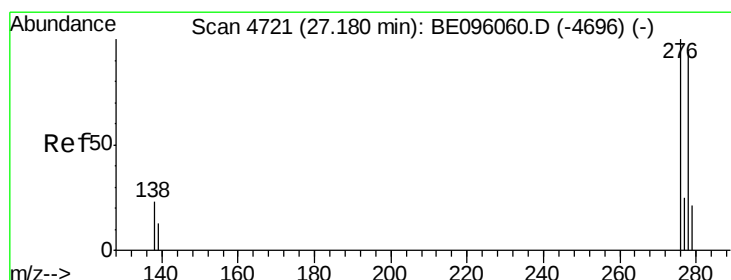
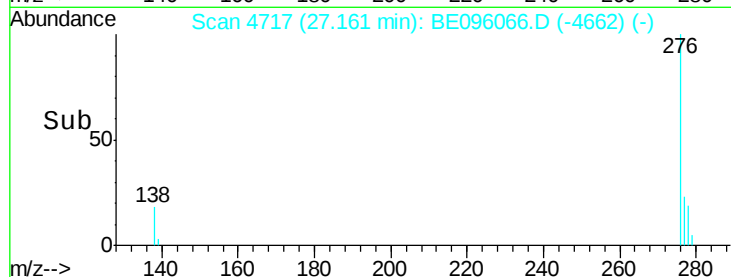
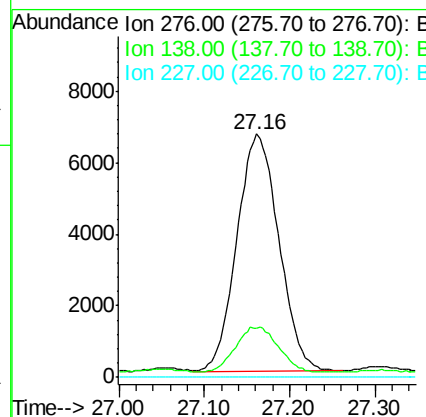
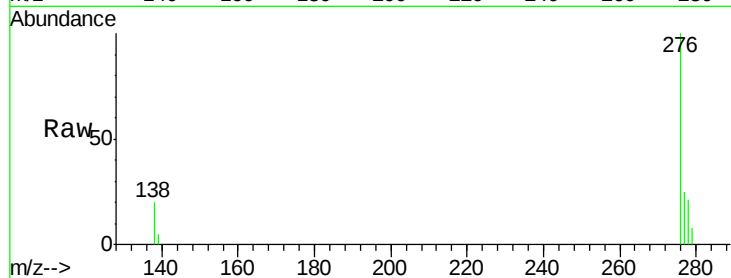
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.736 ng/ul
RT: 27.16 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

Instrument :
BNA_E
ClientSampled :
C0AC9

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	28.0	42.0#
227	0.0	8.0	12.0#

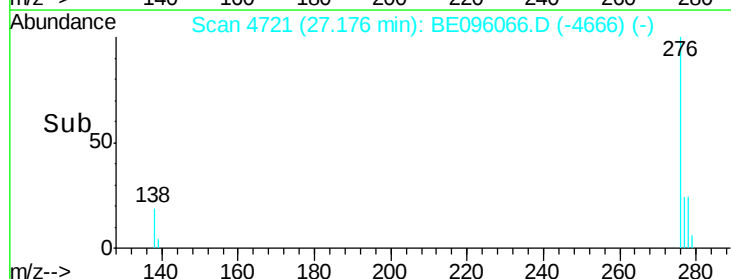
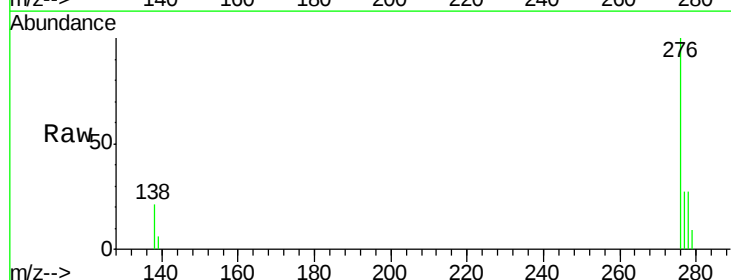
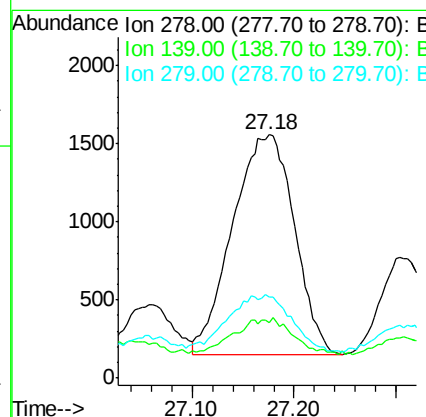
Manual Integrations
APPROVED

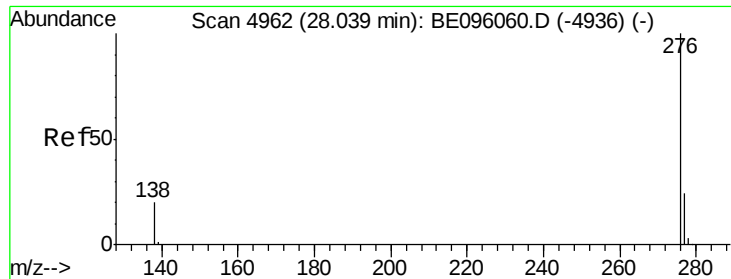
Sohil
4/23/2018 6:44:24 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.240 ng/ul
RT: 27.18 min Scan# 4721
Delta R.T. -0.00 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.4	26.0
279	33.1	25.9	38.9





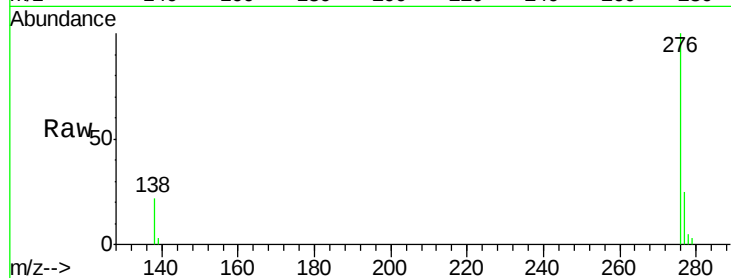
#26
 Benzo(a,h,i)perylene
 Concen: 0.825 ng/ul
 RT: 28.04 min Scan# 4962
 Delta R.T. -0.00 min
 Lab File: BE096066.D
 Acq: 21 Apr 2018 6:37

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.8	32.8#
277	25.1	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:24 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

