

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096068.D
 Acq On : 21 Apr 2018 7:46
 Operator : SJ/JU
 Sample : J2434-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD3

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:27 PM

Quant Time: Apr 23 03:02:46 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	2017	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5724	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3329	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7496m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7093m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7714m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1651	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	4720m	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	1457	0.091	ng/ul#	84
5) 2-Methylnaphthalene	12.83	142	876	0.081	ng/ul	98
7) Acenaphthylene	14.70	152	3608	0.209	ng/ul	98
8) Acenaphthene	15.03	153	2706	0.219	ng/ul	96
9) Fluorene	15.99	166	1296	0.093	ng/ul	91
12) Phenanthrene	17.72	178	40829m	1.848	ng/ul	
13) Anthracene	17.80	178	6477m	0.295	ng/ul	
15) Fluoranthene	19.69	202	227502m	7.568	ng/ul	
17) Pyrene	20.04	202	246738	10.237	ng/ul#	78
18) Benzo(a)anthracene	21.75	228	272785m	9.519	ng/ul	
19) Chrysene	21.81	228	220083	10.671	ng/ul	98
21) Benzo(b)fluoranthene	23.57	252	389321m	15.597	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	136433m	5.486	ng/ul	
23) Benzo(a)pyrene	24.27	252	294297m	12.218	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.18	276	215393m	8.046	ng/ul	
25) Dibenzo(a,h)anthracene	27.18	278	53789m	2.495	ng/ul	
26) Benzo(a,h,i)perylene	28.05	276	223669m	10.003	ng/ul	

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

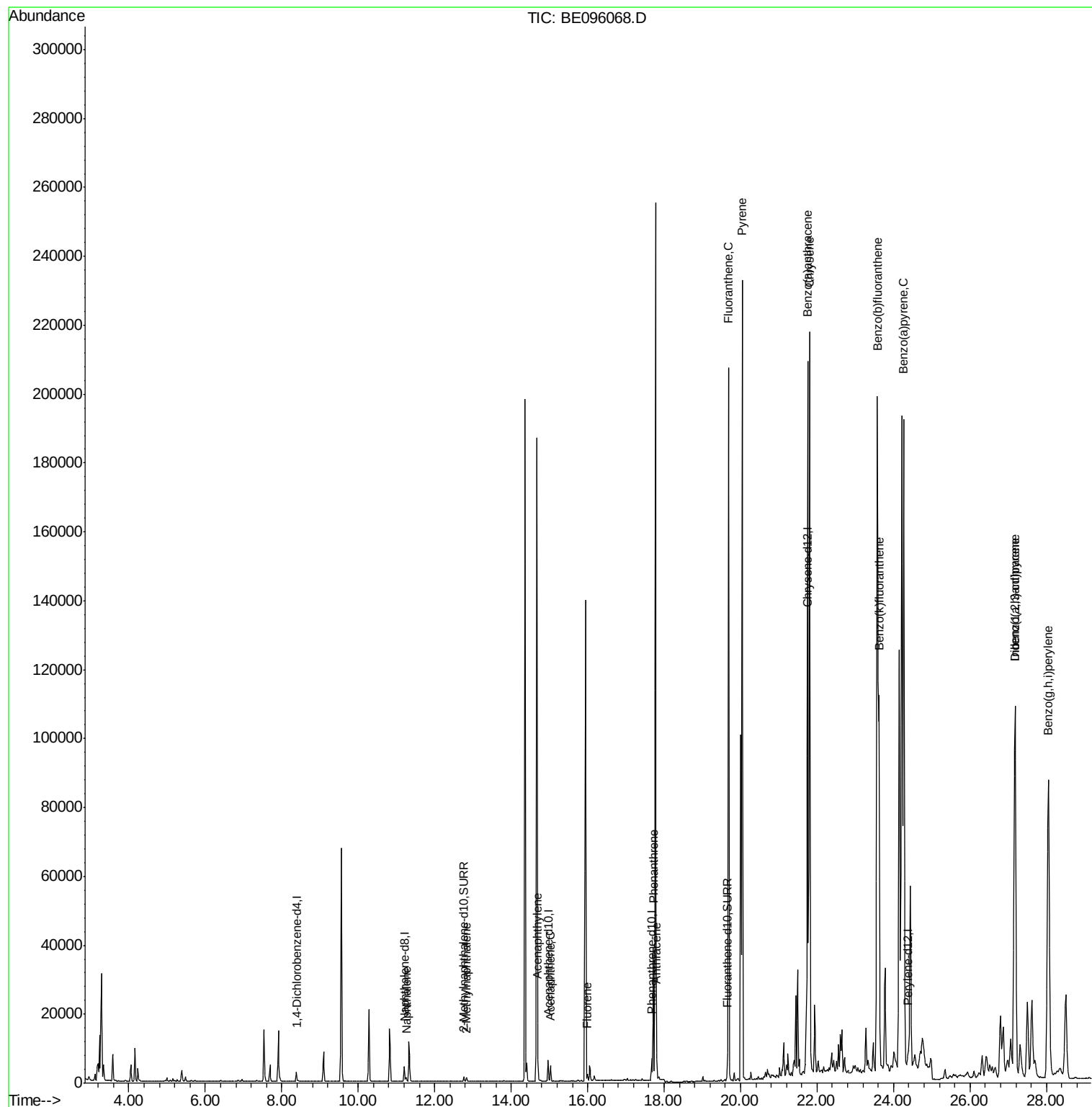
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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ALS Vial : 25 Sample Multiplier: 1

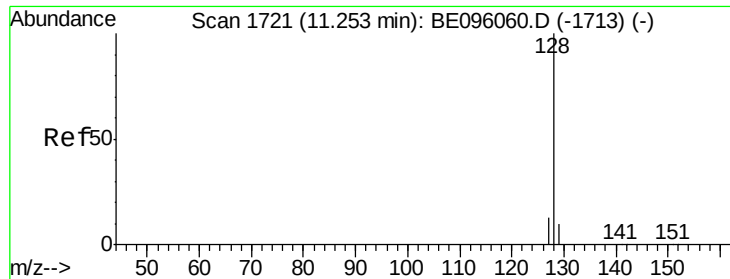
Instrument :
BNA_E
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#3

Naphthalene

Concen: 0.091 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

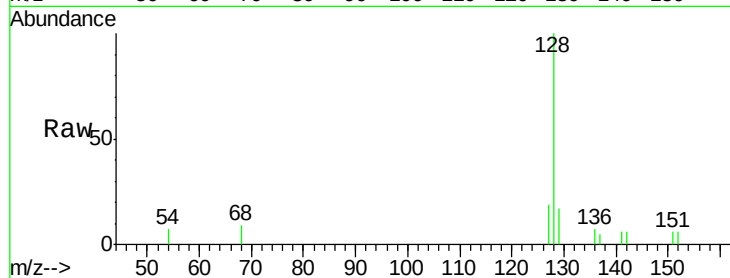
ClientSampleId :

C0AD3

Tot Ion:	128	Resp:	1457
Ion Ratio	Lower	Upper	
128	100		
129	17.2	11.3	16.9#
127	18.7	4.0	6.0#

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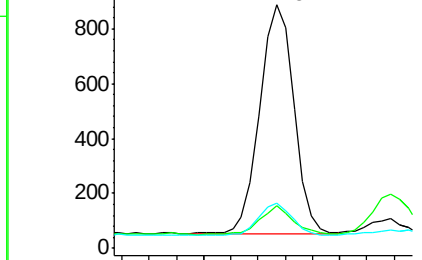
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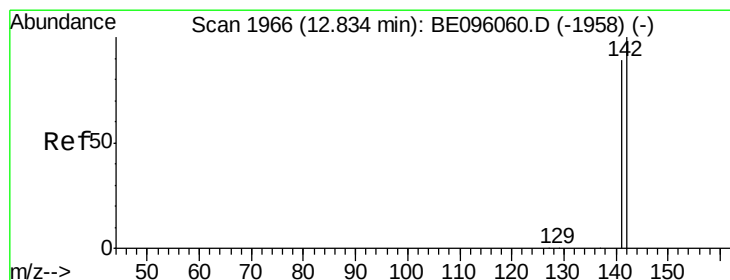
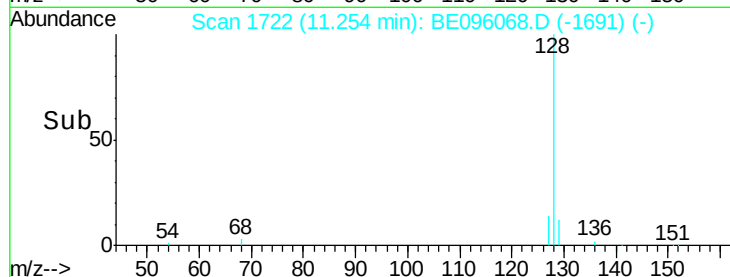
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.081 ng/ul

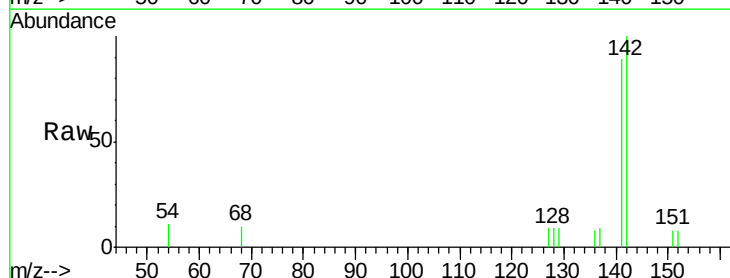
RT: 12.83 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE096068.D

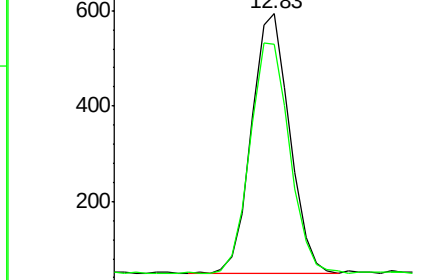
Acq: 21 Apr 2018 7:46

Tgt Ion:	142	Resp:	876
Ion Ratio	Lower	Upper	
142	100		
141	92.2	72.6	108.8

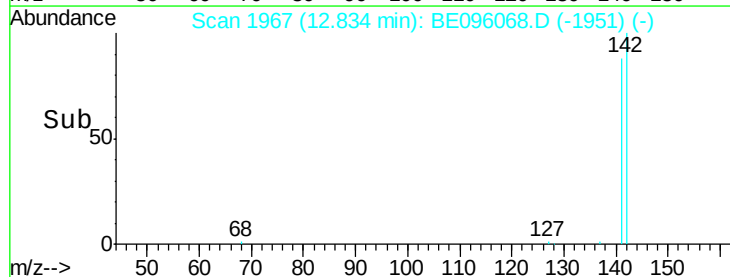


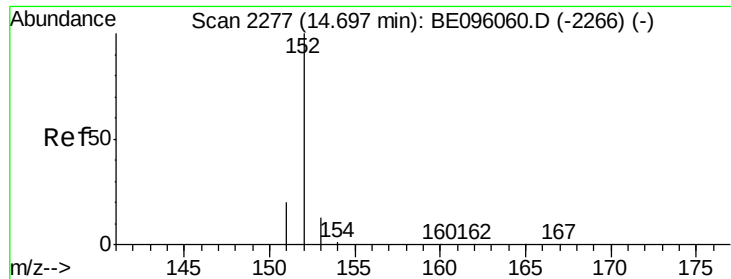
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.209 ng/ul

RT: 14.70 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

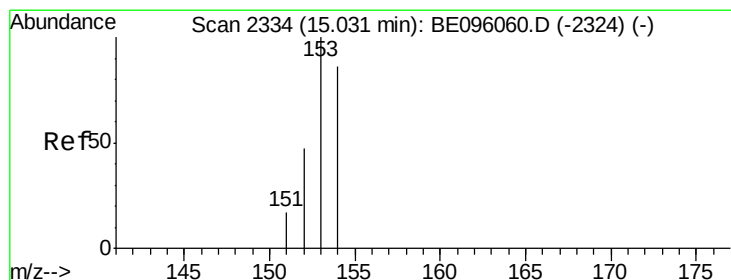
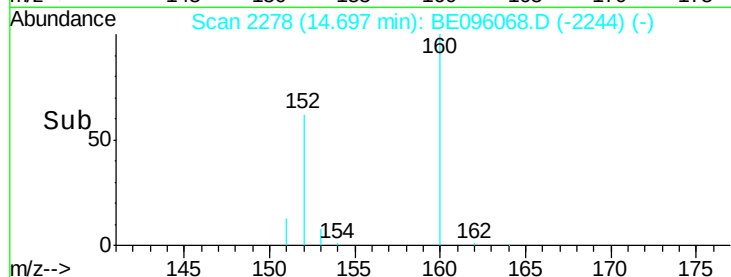
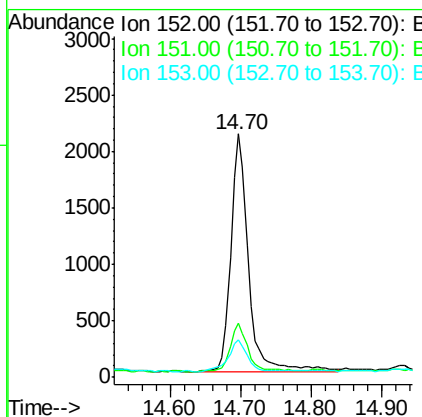
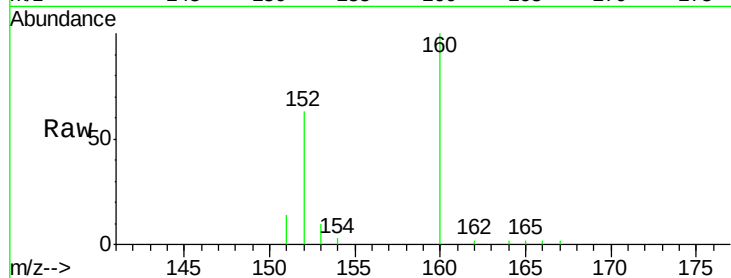
ClientSampled :

C0AD3

Tot Ion:	152	Resp:	3608
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.1	25.7
153	15.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.219 ng/ul

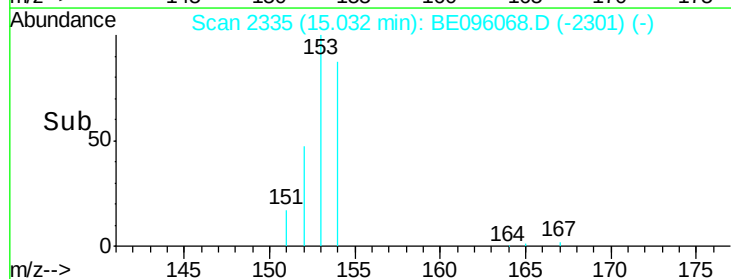
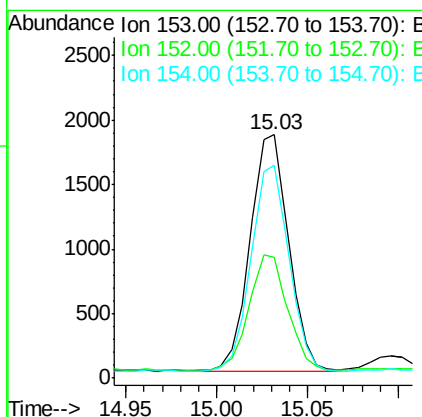
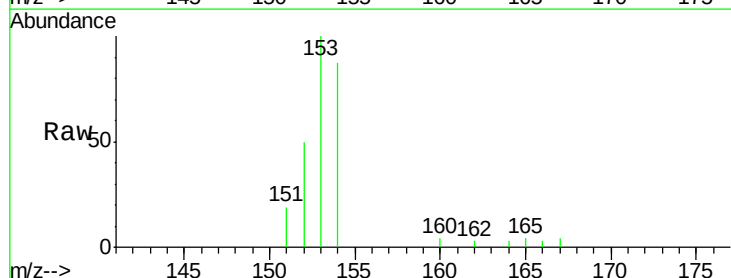
RT: 15.03 min Scan# 2335

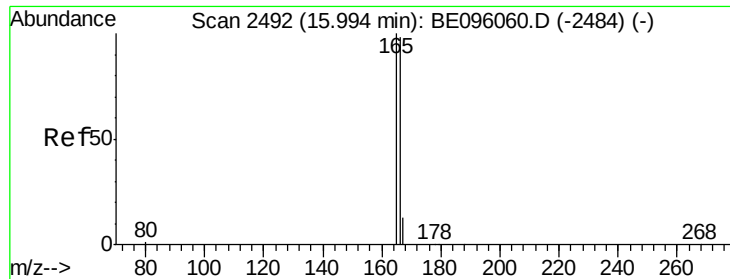
Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Tgt Ion:	153	Resp:	2706
Ion Ratio	Lower	Upper	
153	100		
152	49.7	36.0	54.0
154	87.3	72.0	108.0





#9

Fluorene

Concen: 0.093 ng/ul

RT: 15.99 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

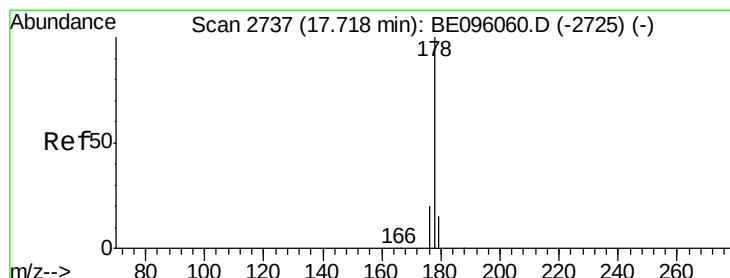
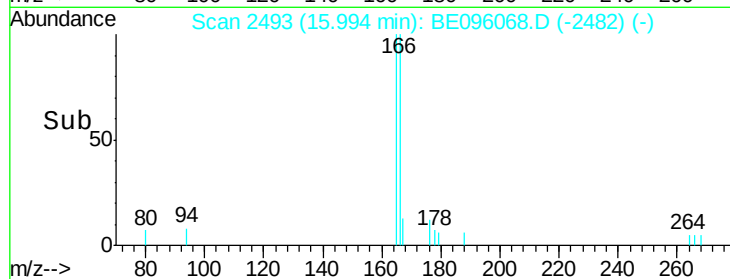
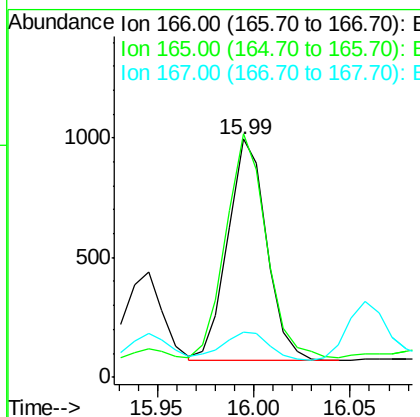
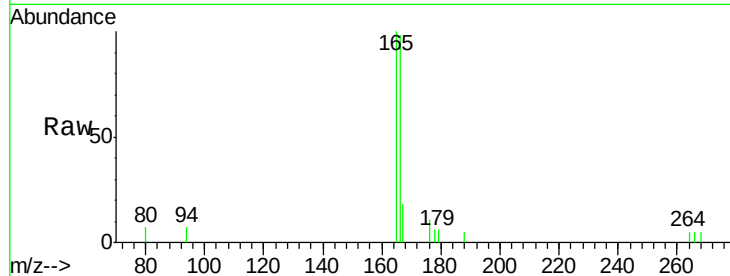
ClientSampleId :

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Tot Ion:	166	Resp:	1296
Ion Ratio	Lower	Upper	
166	100		
165	102.2	73.4	110.2
167	18.9	14.6	22.0

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#12

Phenanthrene

Concen: 1.848 ng/ul m

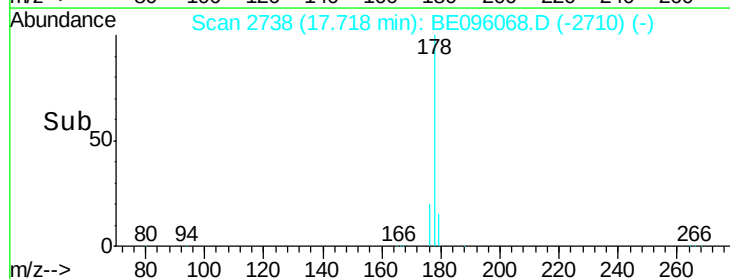
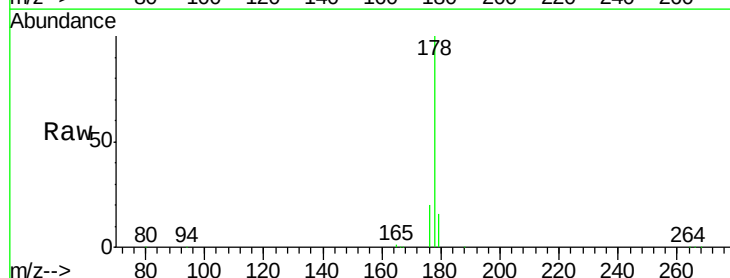
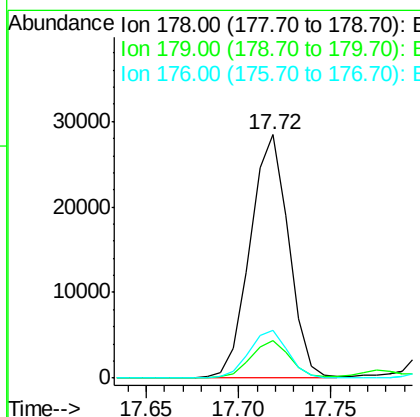
RT: 17.72 min Scan# 2738

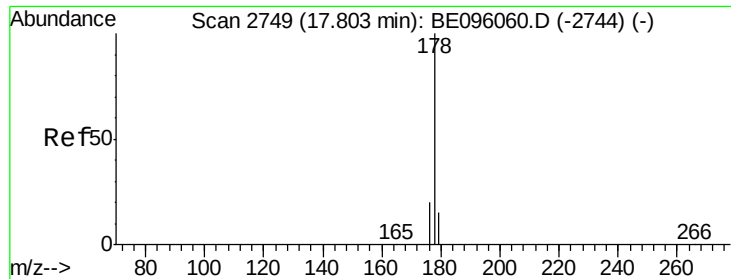
Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Tgt Ion:	178	Resp:	40829
Ion Ratio	Lower	Upper	
178	100		
179	15.5	18.4	27.6#
176	19.8	13.6	20.4





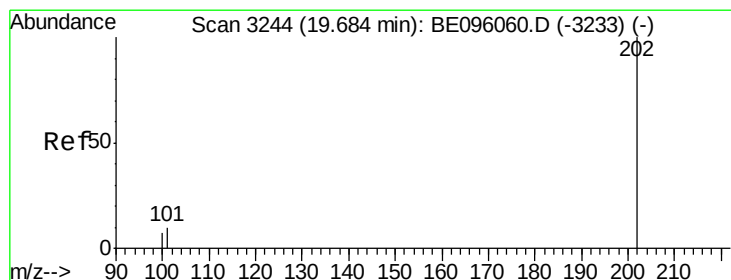
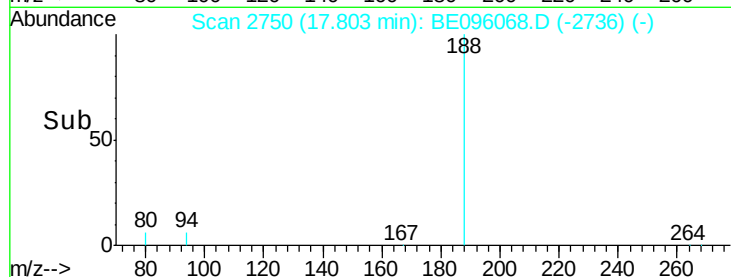
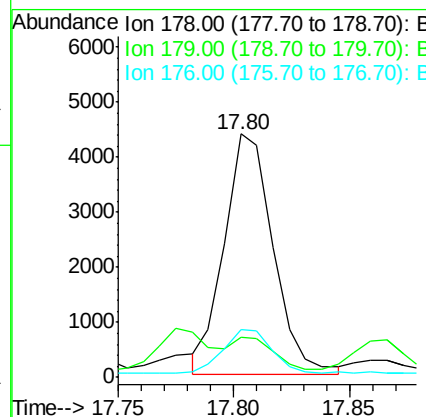
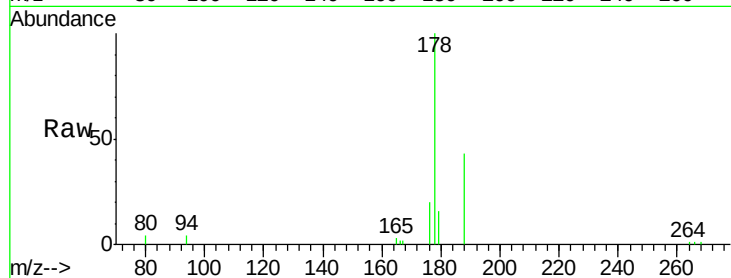
#13
 Anthracene
 Concen: 0.295 ng/ul m
 RT: 17.80 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BE096068.D
 Acq: 21 Apr 2018 7:46

Instrument :
 BNA_E
 ClientSampled :
 C0AD3

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	19.7	14.7	22.1

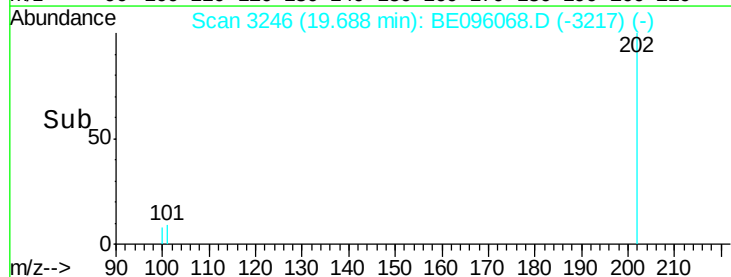
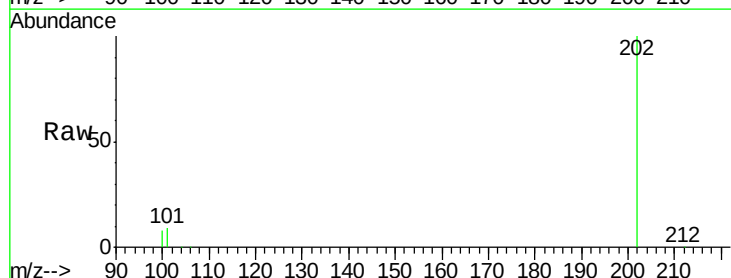
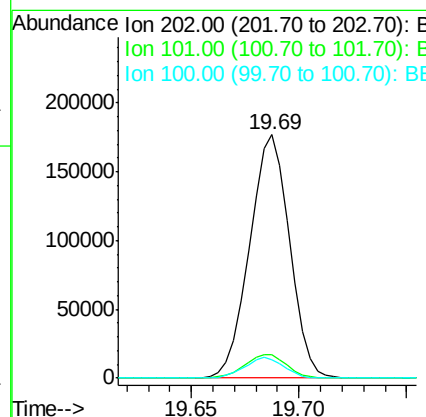
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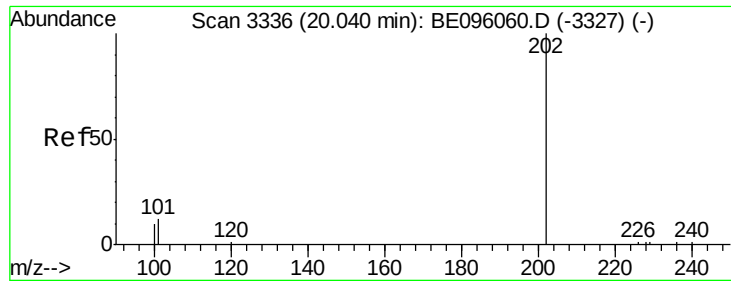
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#15
 Fluoranthene
 Concen: 7.568 ng/ul m
 RT: 19.69 min Scan# 3246
 Delta R.T. 0.00 min
 Lab File: BE096068.D
 Acq: 21 Apr 2018 7:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
100	7.7	0.0	39.5





#17

Pvrene

Concen: 10.237 ng/ul

RT: 20.04 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

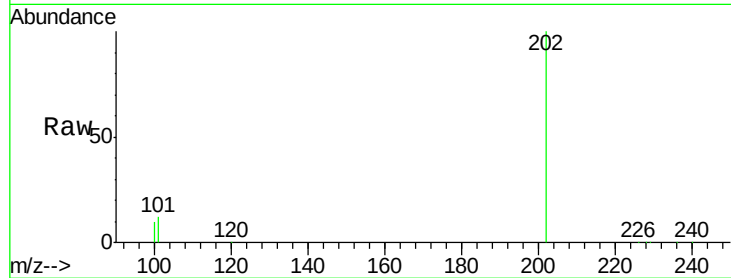
ClientSampled :

C0AD3

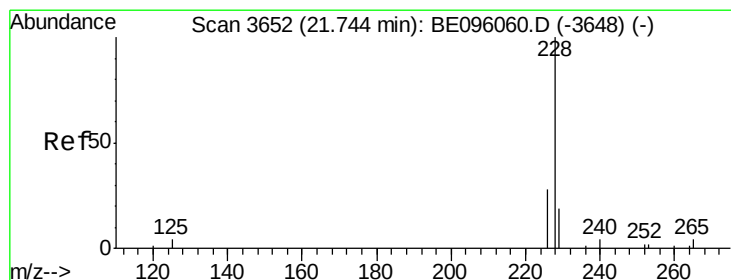
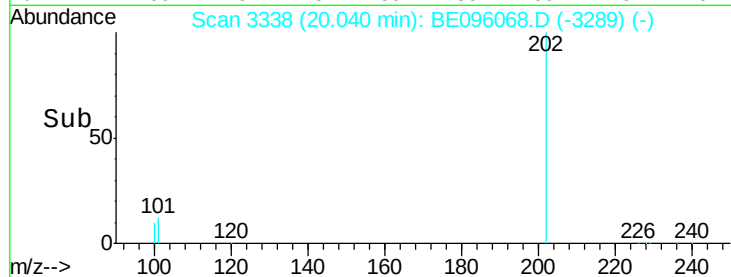
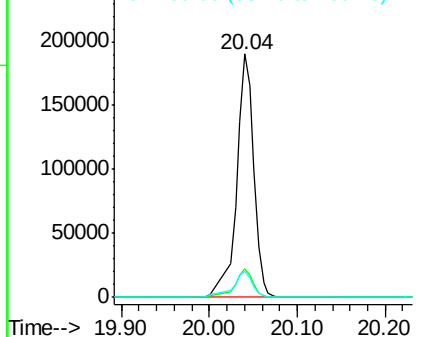
Tot Ion:	202	Resp:	246738
Ion Ratio	Lower	Upper	
202	100		
101	11.6	18.2	27.4#
100	10.5	15.6	23.4#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 9.519 ng/ul m

RT: 21.75 min Scan# 3655

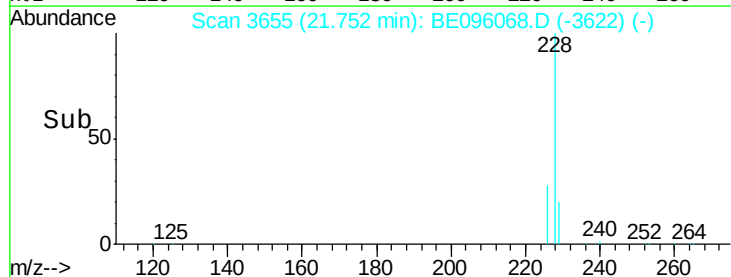
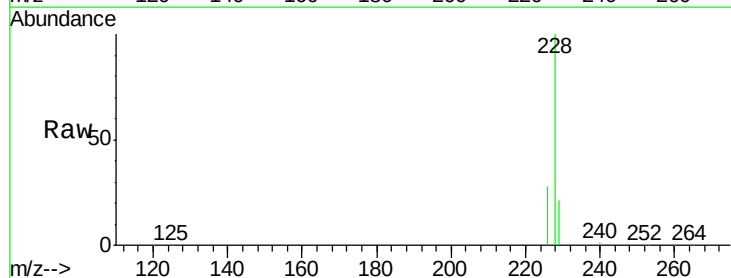
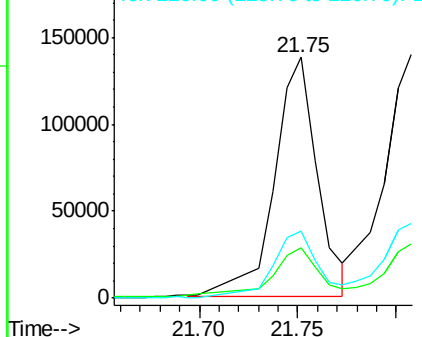
Delta R.T. 0.01 min

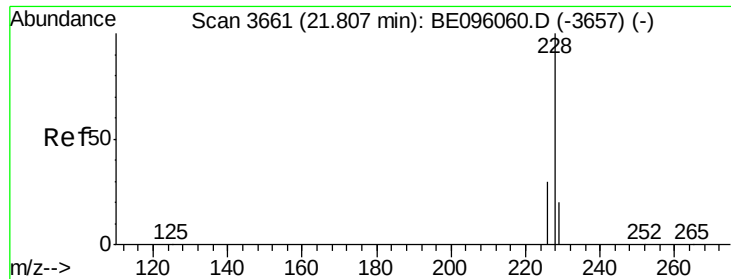
Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Tgt Ion:	228	Resp:	272785
Ion Ratio	Lower	Upper	
228	100		
229	20.7	22.8	34.2#
226	27.8	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 10.671 ng/ul

RT: 21.81 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

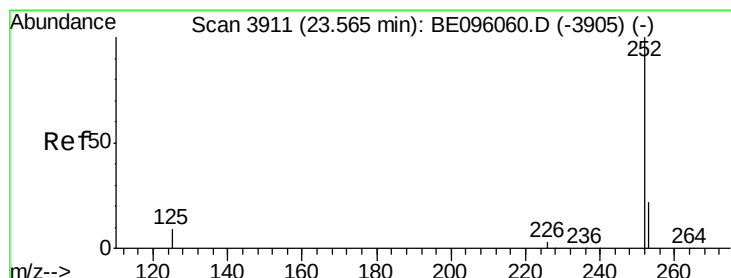
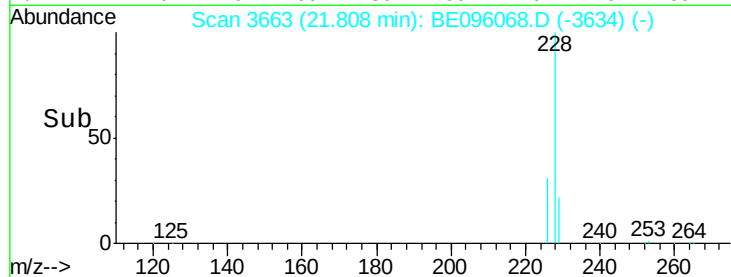
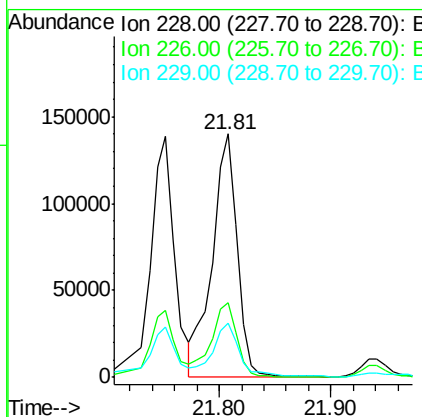
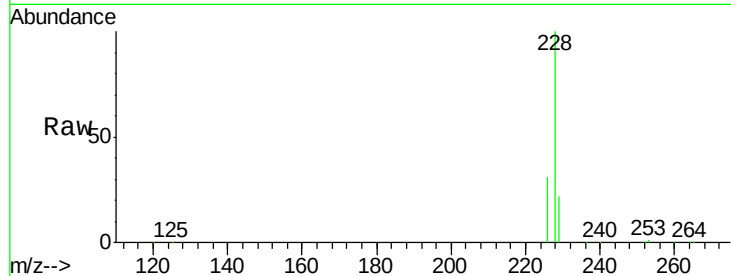
ClientSampled :

C0AD3

Tot Ion:	228	Resp:	220083
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	22.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 15.597 ng/ul m

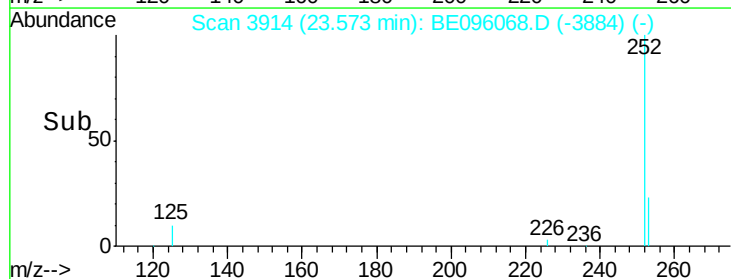
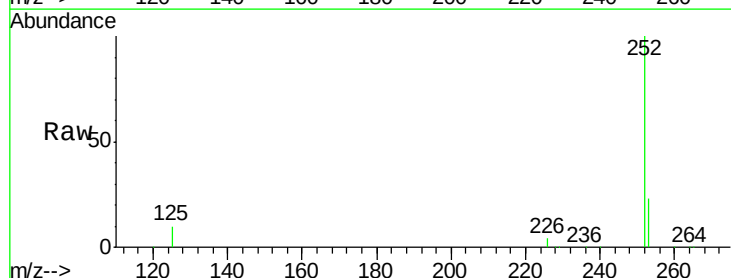
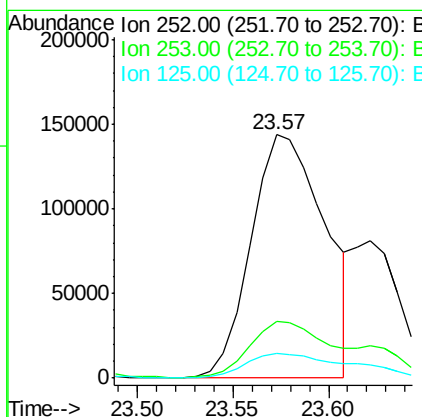
RT: 23.57 min Scan# 3914

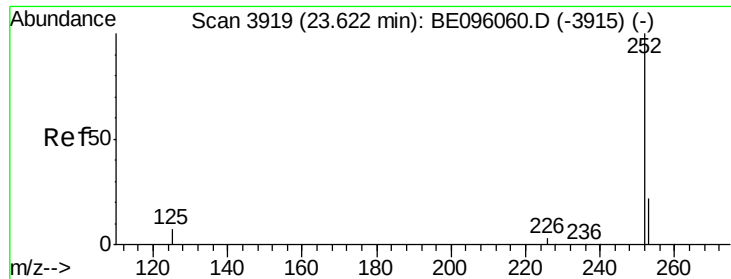
Delta R.T. 0.01 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Tgt Ion:	252	Resp:	389321
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	10.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.486 ng/ul m

RT: 23.62 min Scan# 3921

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

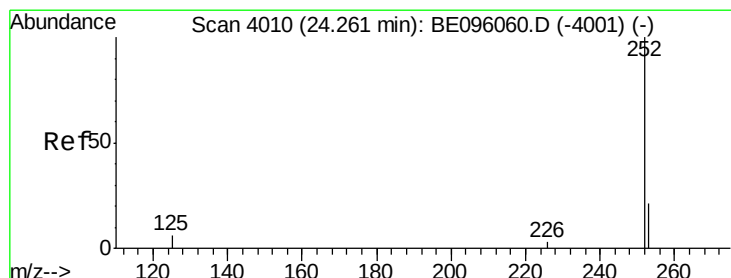
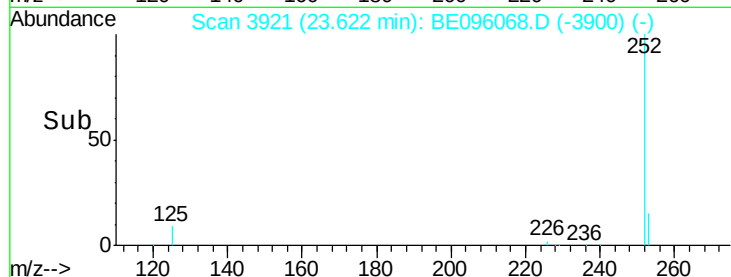
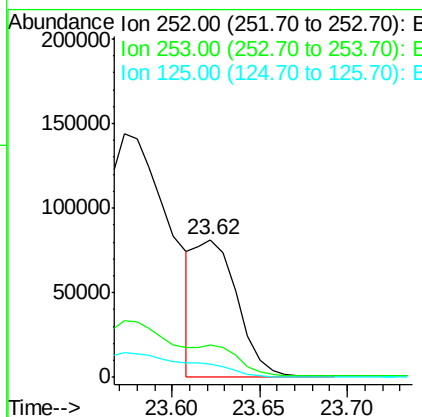
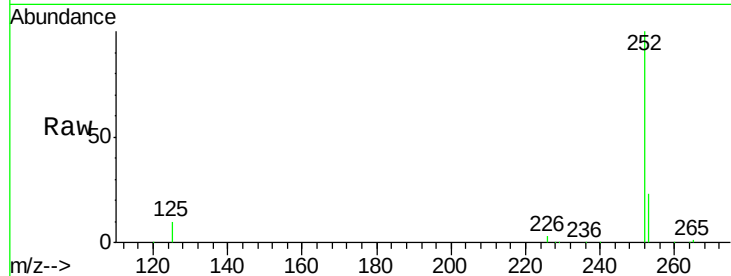
ClientSampled :

C0AD3

Tot Ion	Ratio	Resp	Lower	Upper
252	100	136433		
253	23.4	24.5	36.7#	
125	9.6	13.7	20.5#	

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#23

Benzo(a)pyrene

Concen: 12.218 ng/ul m

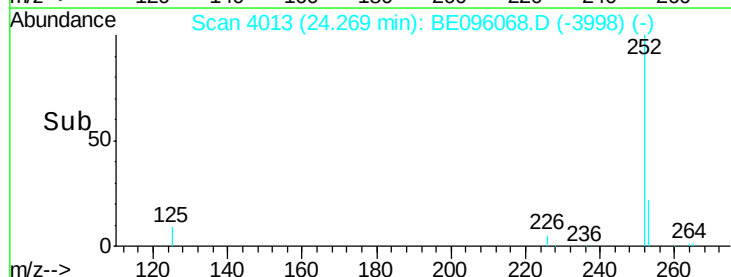
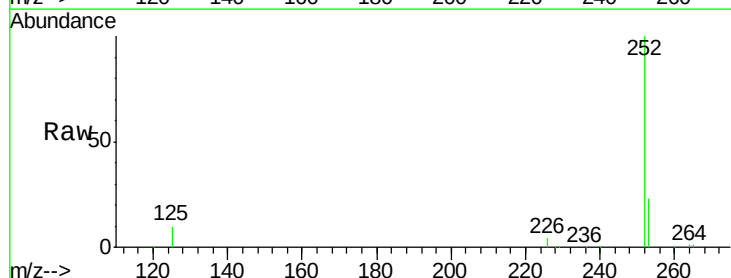
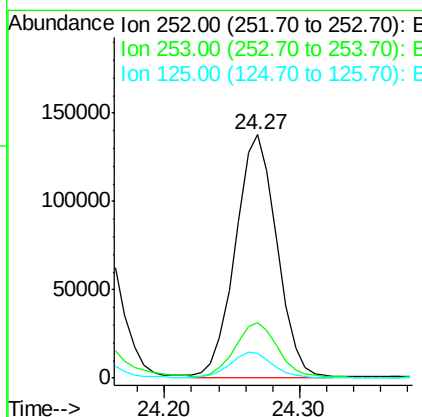
RT: 24.27 min Scan# 4013

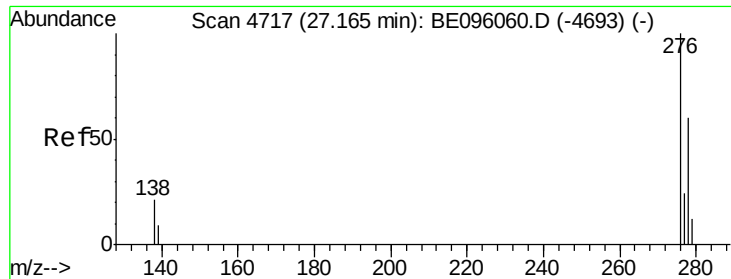
Delta R.T. 0.01 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	294297		
253	22.8	28.5	42.7#	
125	10.0	18.1	27.1#	





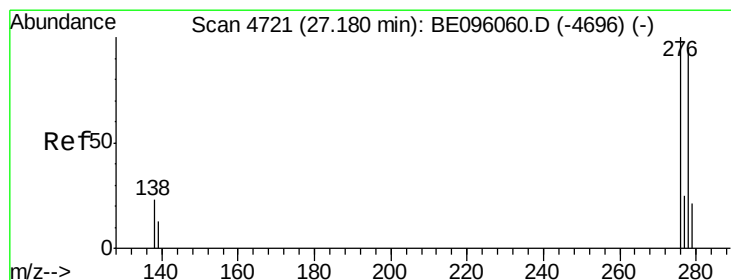
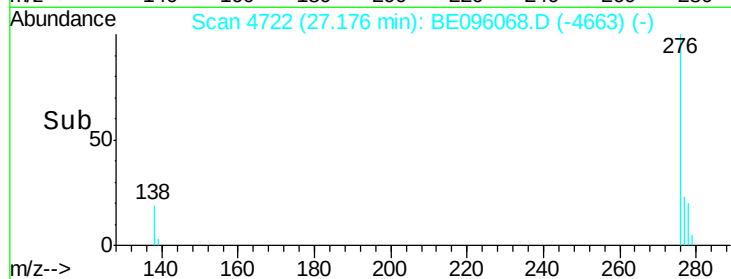
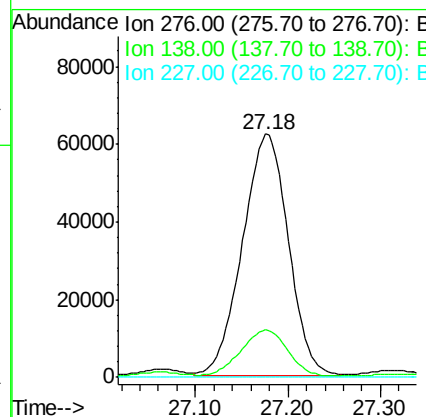
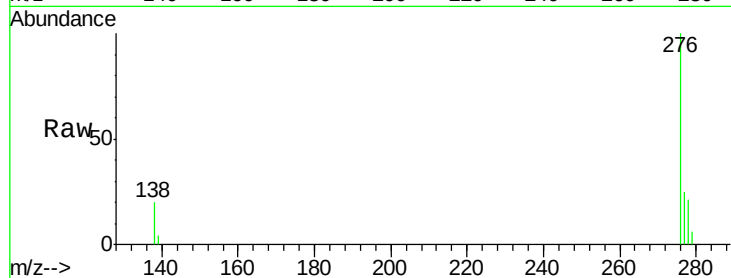
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 8.046 ng/ul m
 RT: 27.18 min Scan# 4722
 Delta R.T. 0.01 min
 Lab File: BE096068.D
 Acq: 21 Apr 2018 7:46

Instrument :
 BNA_E
 ClientSampleId :
 C0AD3

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	1.2	28.0	42.0#
227	0.0	8.0	12.0#

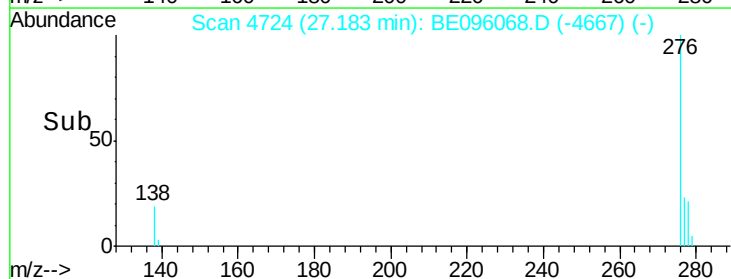
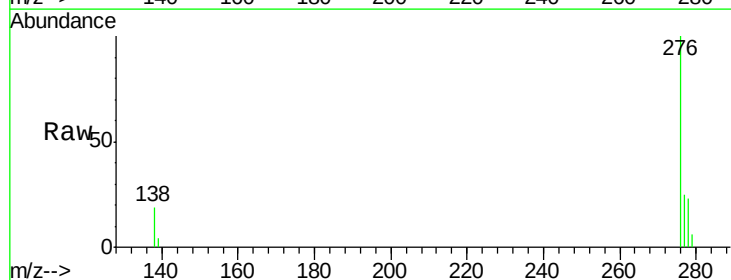
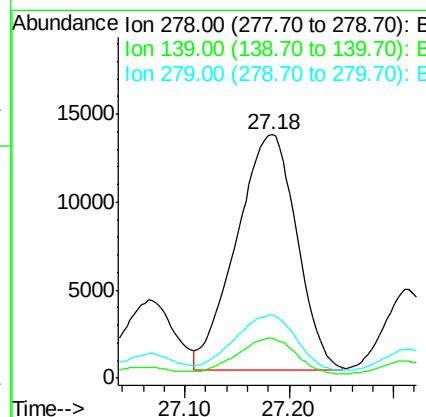
Manual Integrations
 APPROVED

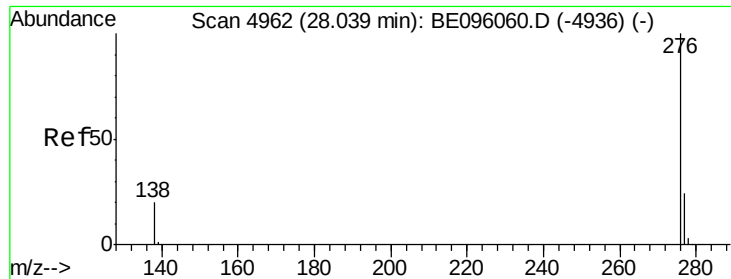
Sohil
 4/23/2018 6:44:27 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.495 ng/ul m
 RT: 27.18 min Scan# 4724
 Delta R.T. 0.00 min
 Lab File: BE096068.D
 Acq: 21 Apr 2018 7:46

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.6	17.4	26.0#
279	25.8	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 10.003 ng/ul m
 RT: 28.05 min Scan# 4967
 Delta R.T. 0.01 min
 Lab File: BE096068.D
 Acq: 21 Apr 2018 7:46

Instrument :
 BNA_E
 ClientSampleId :
 C0AD3

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	21.8	32.8#
277	24.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:27 PM

