

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Manual Integrations
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Sohil
 4/23/2018 6:44:33 PM

Quant Time: Apr 23 18:08:21 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	2067	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5826	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3481	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7615m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7085m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6630	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2225	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6172m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	19071	1.172	ng/ul#	88
5) 2-Methylnaphthalene	12.83	142	15031	1.363	ng/ul	100
7) Acenaphthylene	14.70	152	8719	0.483	ng/ul	99
8) Acenaphthene	15.03	153	2625	0.203	ng/ul	89
9) Fluorene	16.00	166	3117	0.213	ng/ul	88
12) Phenanthrene	17.72	178	116007m	5.169	ng/ul	
13) Anthracene	17.81	178	15811m	0.708	ng/ul	
15) Fluoranthene	19.69	202	278230m	9.111	ng/ul	
17) Pyrene	20.05	202	267252	11.101	ng/ul#	77
18) Benzo(a)anthracene	21.81	228	134755	4.708	ng/ul#	85
19) Chrysene	21.81	228	134755	6.541	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	182556m	8.509	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	69640m	3.258	ng/ul	
23) Benzo(a)pyrene	24.27	252	124276	6.003	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.18	276	87044	3.783	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	22943	1.238	ng/ul	95
26) Benzo(a,h,i)perylene	28.05	276	83446	4.342	ng/ul#	92

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

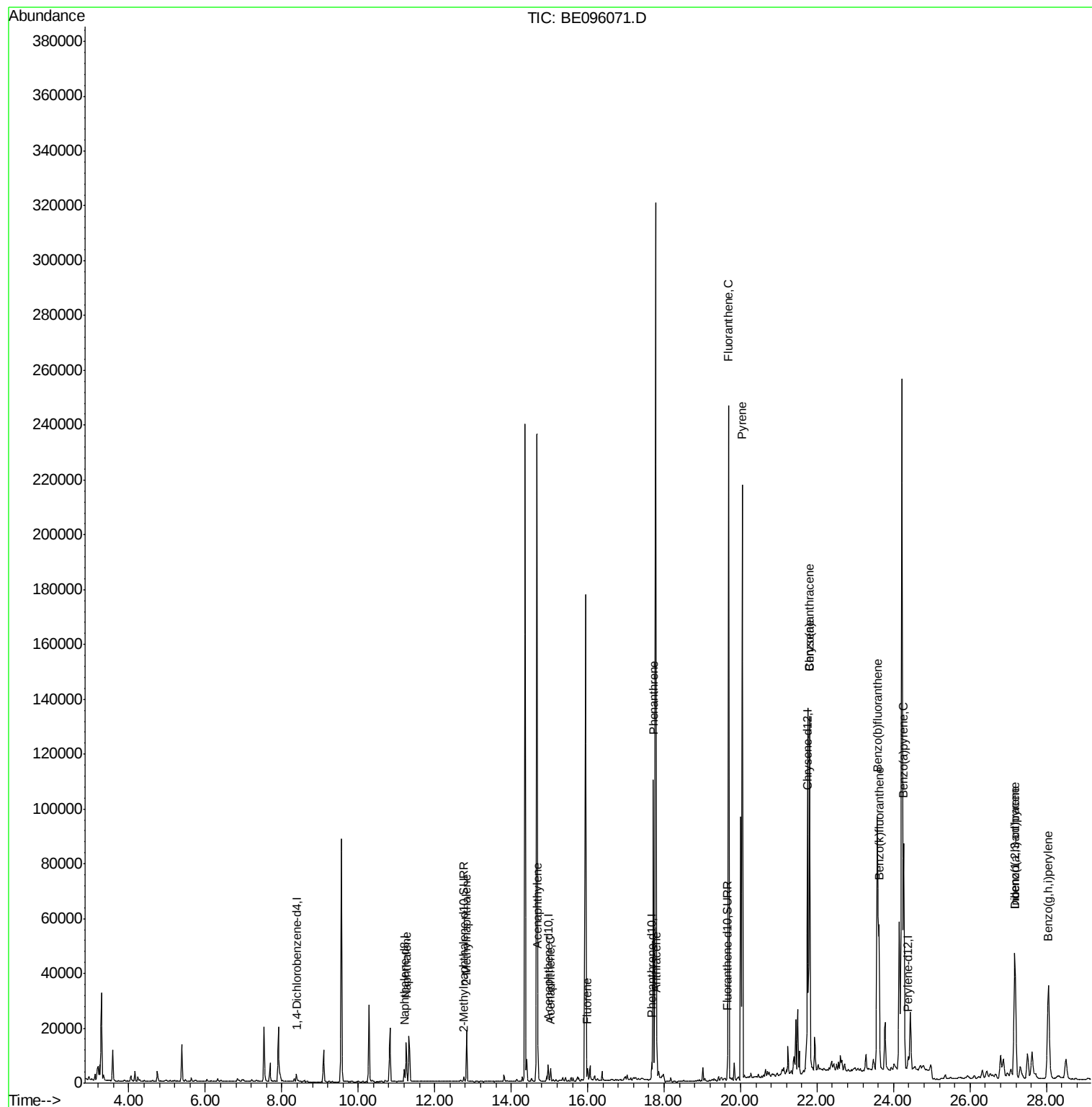
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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ALS Vial : 28 Sample Multiplier: 1

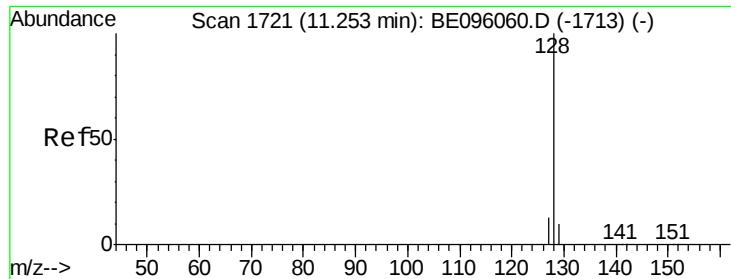
Instrument :
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#3

Naphthalene

Concen: 1.172 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

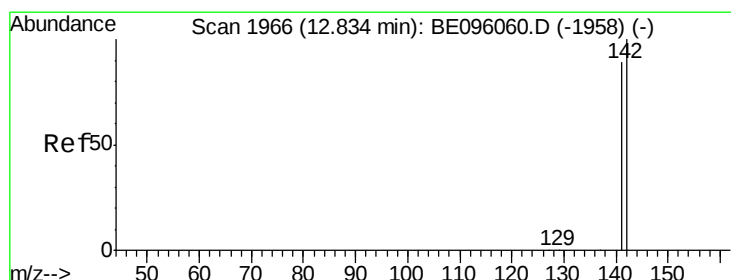
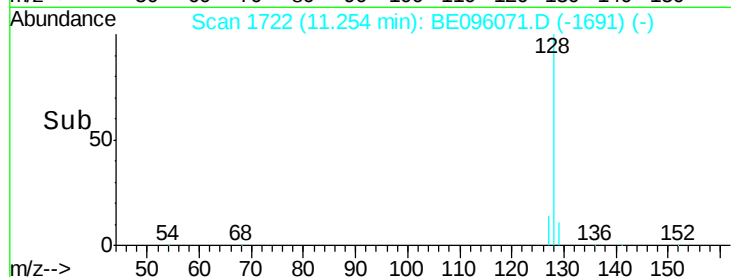
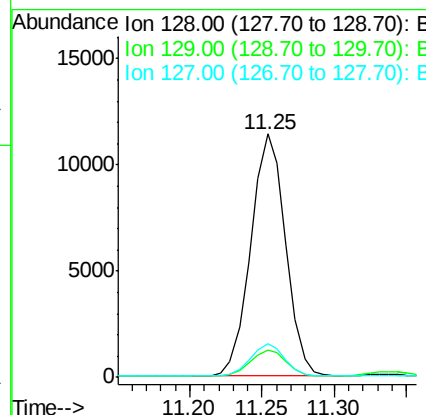
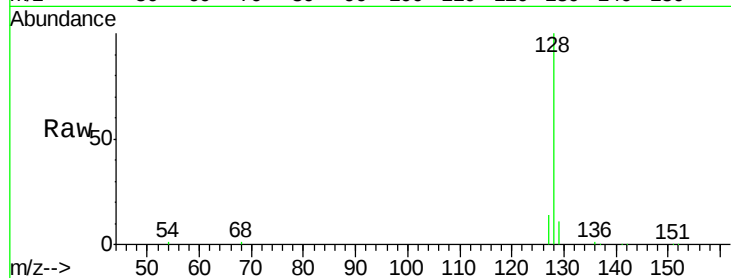
ClientSampleId :

C0AC2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	13.8	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 1.363 ng/ul

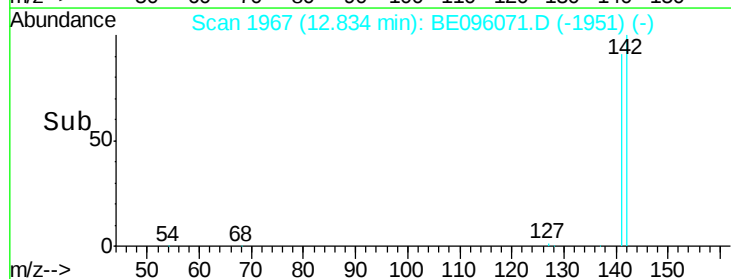
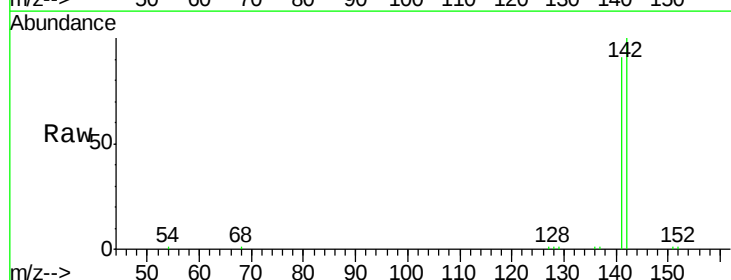
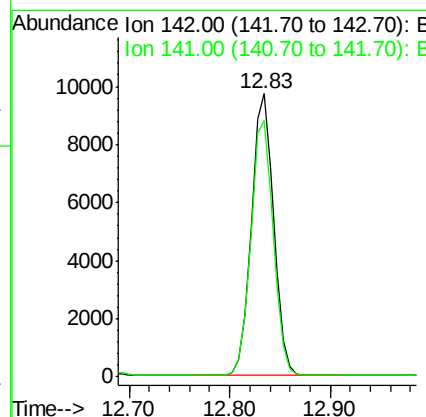
RT: 12.83 min Scan# 1967

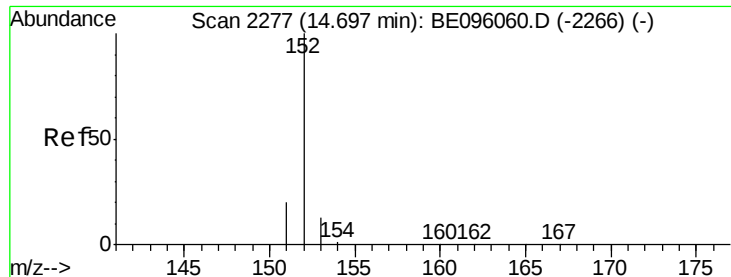
Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.483 ng/ul

RT: 14.70 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

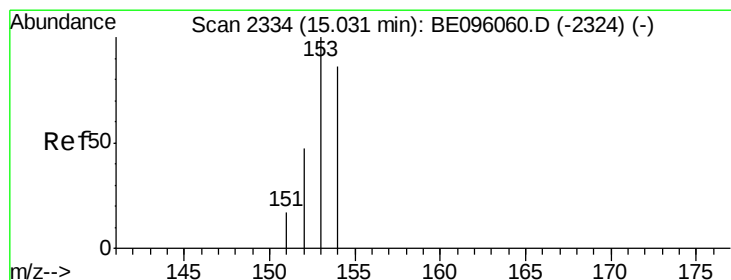
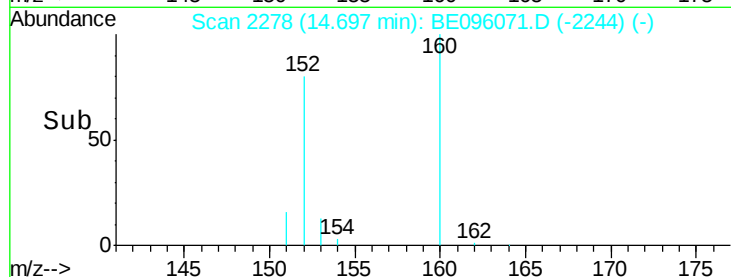
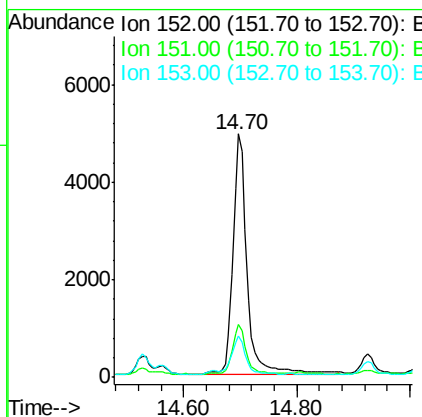
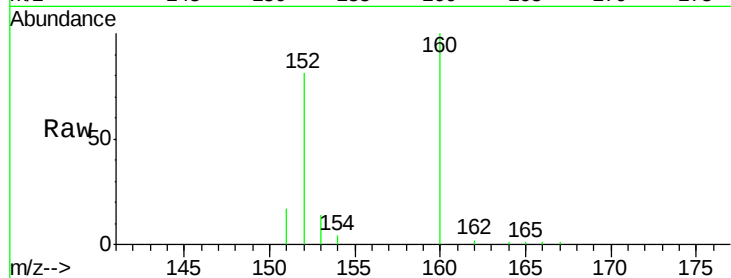
ClientSampleId :

C0AC2

Tot Ion:	152	Resp:	8719
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	16.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.203 ng/ul

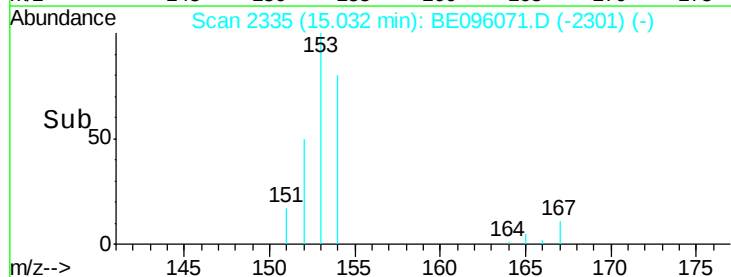
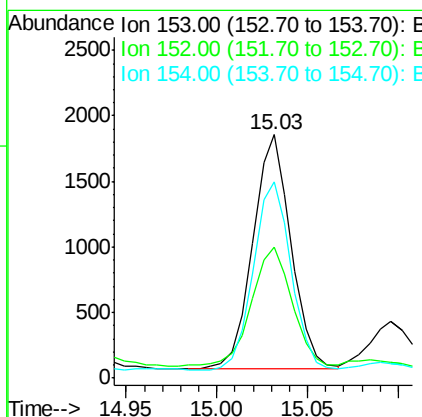
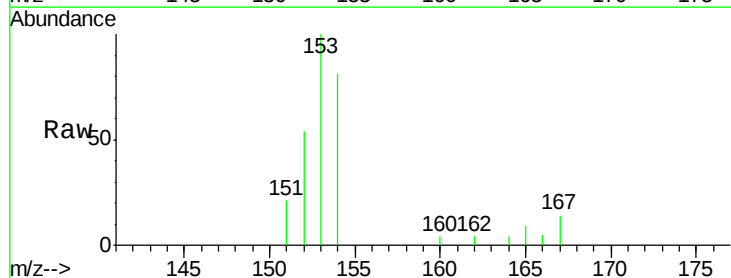
RT: 15.03 min Scan# 2335

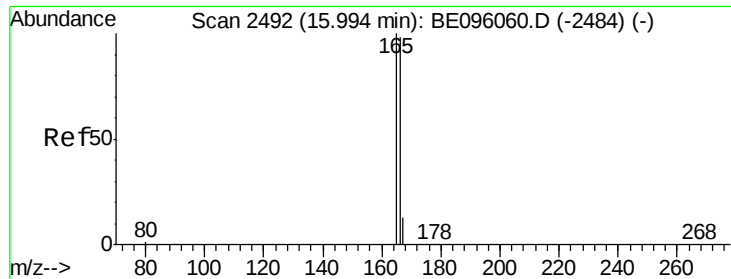
Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Tgt Ion:	153	Resp:	2625
Ion Ratio	Lower	Upper	
153	100		
152	53.6	36.0	54.0
154	80.8	72.0	108.0





#9

Fluorene

Concen: 0.213 ng/ul

RT: 16.00 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

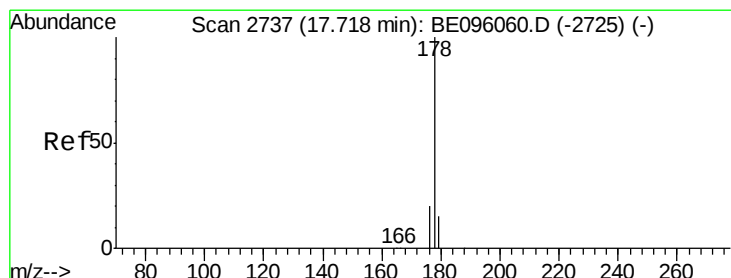
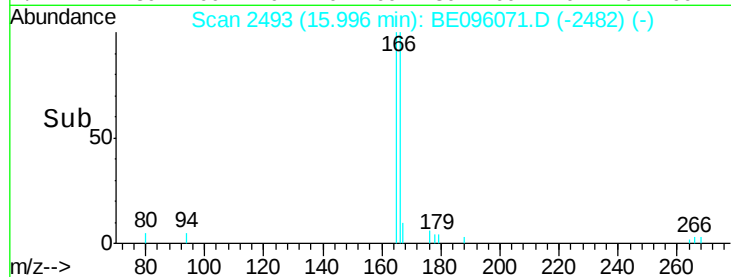
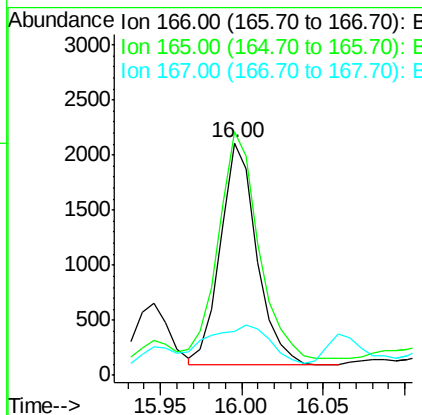
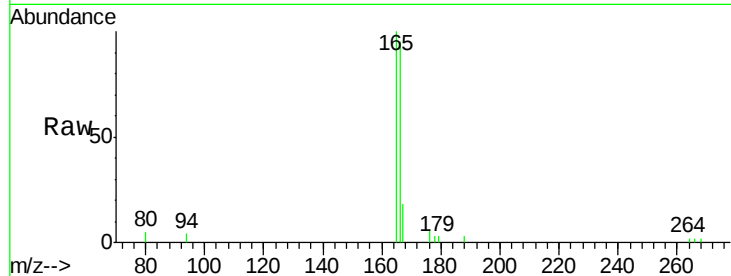
ClientSampleId :

C0AC2

Tot Ion:	166	Resp:	3117
Ion Ratio	Lower	Upper	
166	100		
165	104.9	73.4	110.2
167	19.1	14.6	22.0

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#12

Phenanthrene

Concen: 5.169 ng/ul m

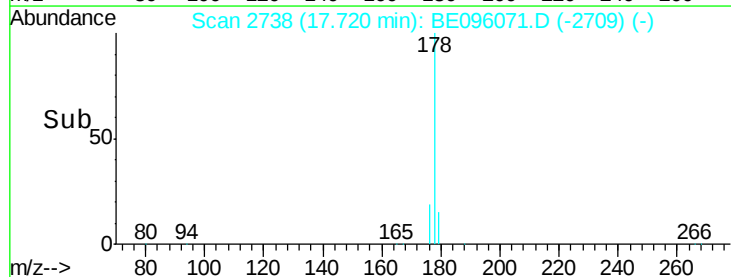
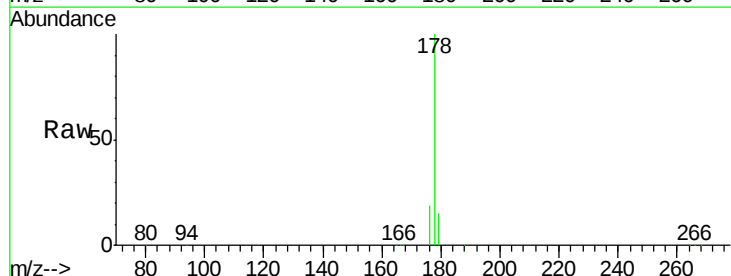
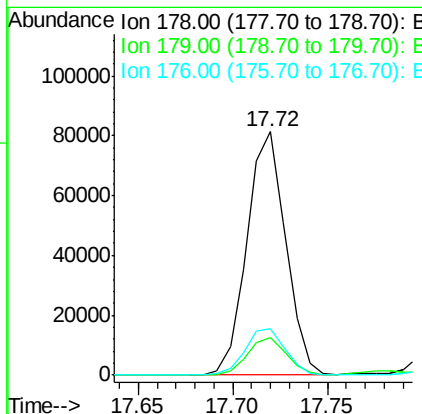
RT: 17.72 min Scan# 2738

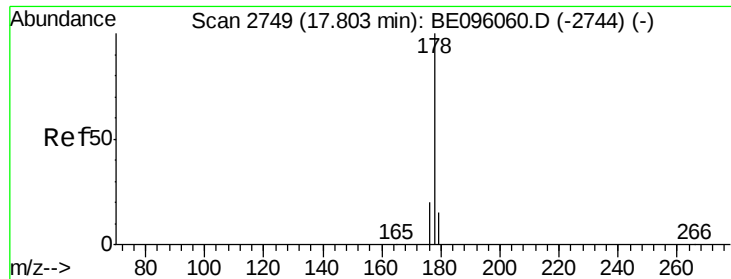
Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Tgt Ion:	178	Resp:	116007
Ion Ratio	Lower	Upper	
178	100		
179	15.4	18.4	27.6#
176	19.3	13.6	20.4





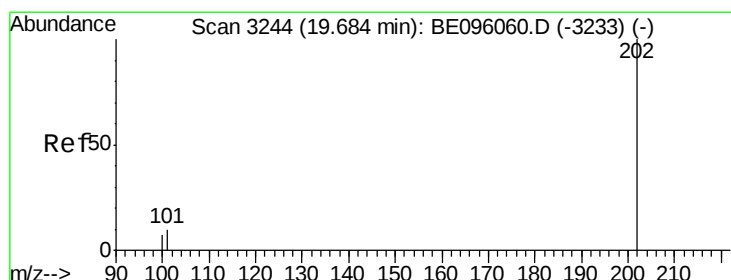
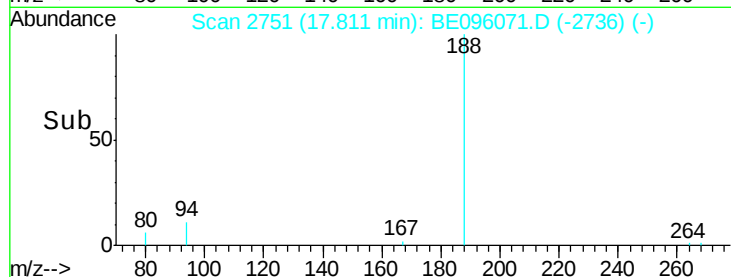
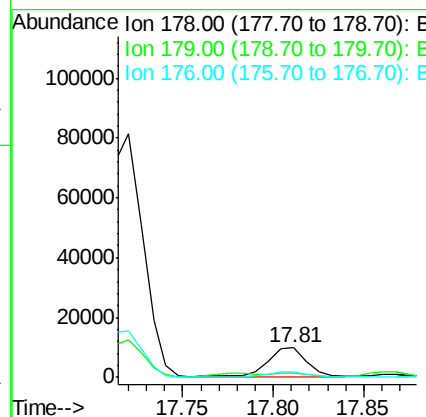
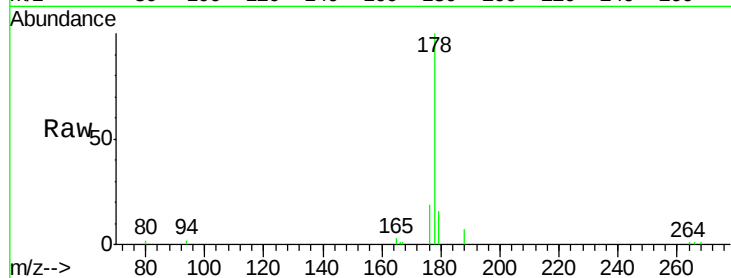
#13
 Anthracene
 Concen: 0.708 ng/ul m
 RT: 17.81 min Scan# 2751
 Delta R.T. 0.01 min
 Lab File: BE096071.D
 Acq: 21 Apr 2018 9:33

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	18.9	14.7	22.1

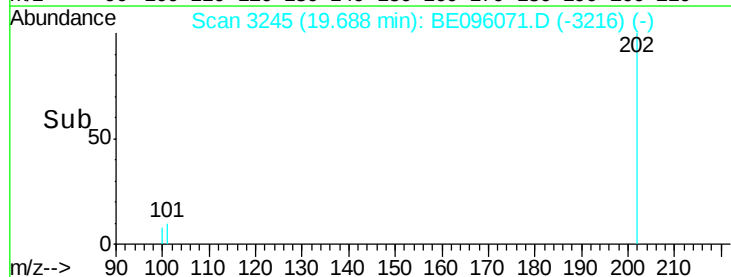
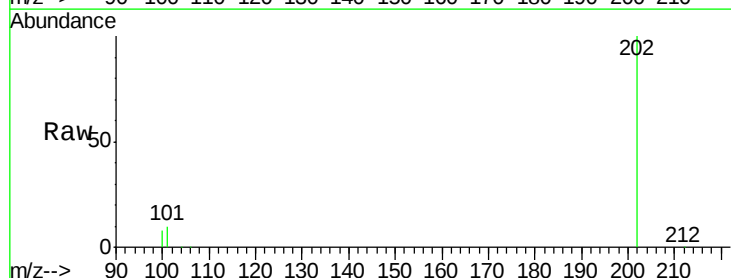
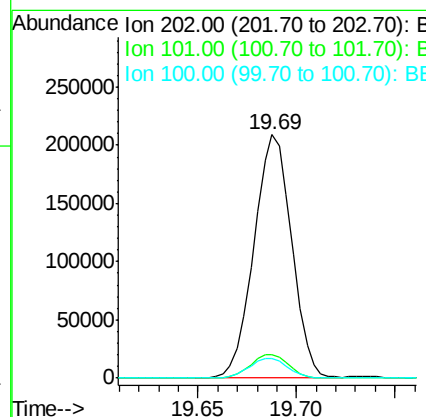
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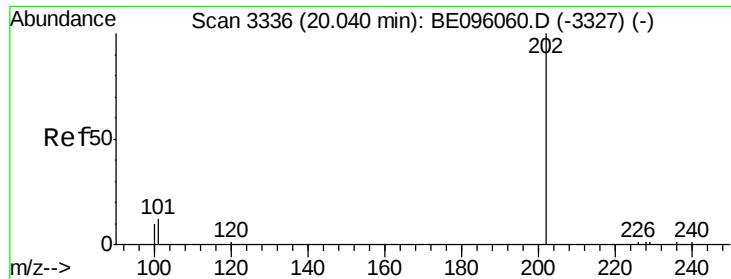
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#15
 Fluoranthene
 Concen: 9.111 ng/ul m
 RT: 19.69 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BE096071.D
 Acq: 21 Apr 2018 9:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.3
100	8.1	0.0	39.5





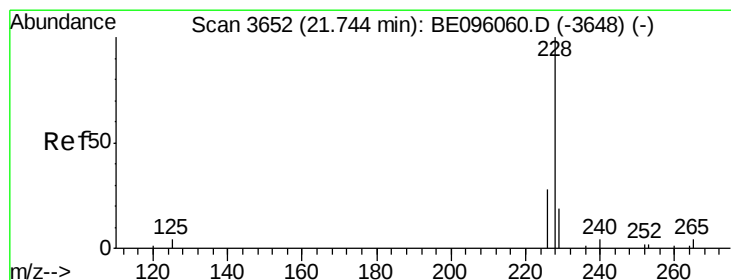
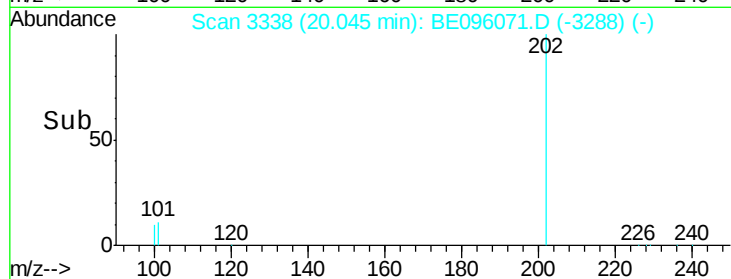
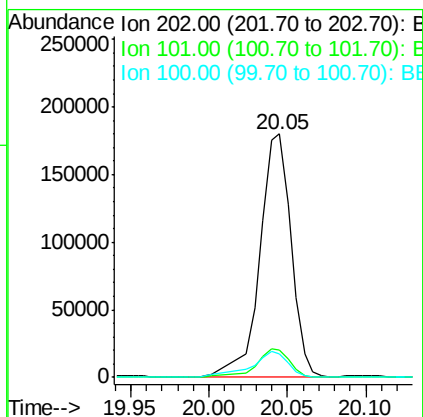
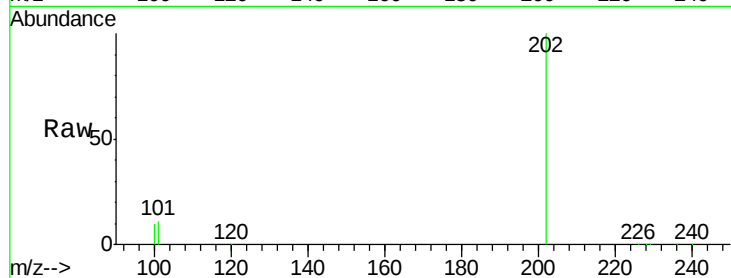
#17
Pvrene
Concen: 11.101 ng/ul
RT: 20.05 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

Instrument :
BNA_E
ClientSampleId :
C0AC2

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	18.2	27.4#
100	9.7	15.6	23.4#

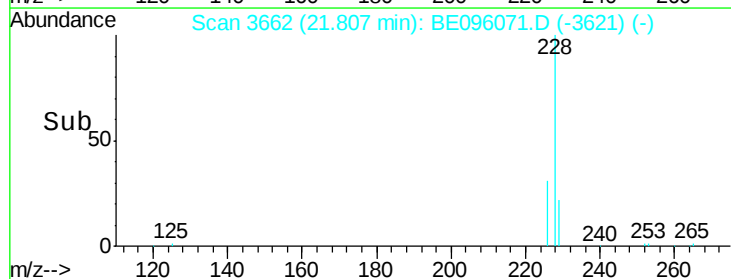
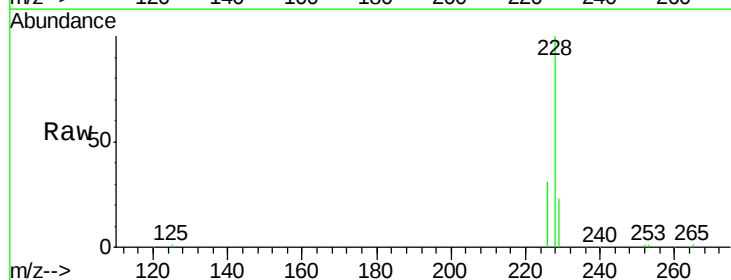
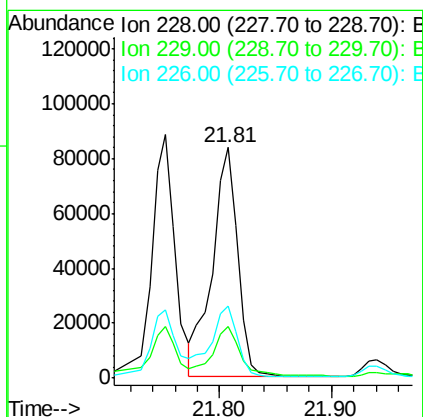
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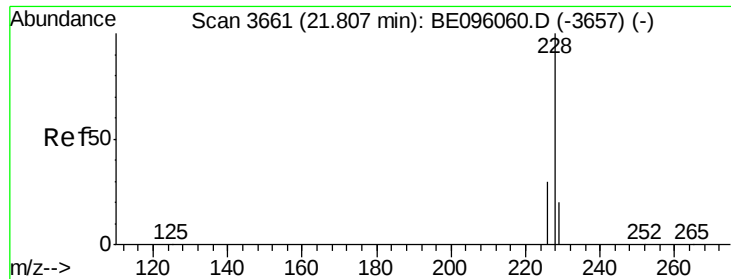
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#18
Benzo(a)anthracene
Concen: 4.708 ng/ul
RT: 21.81 min Scan# 3662
Delta R.T. 0.06 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.7	22.8	34.2#
226	31.2	17.0	25.6#





#19

Chrysene

Concen: 6.541 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

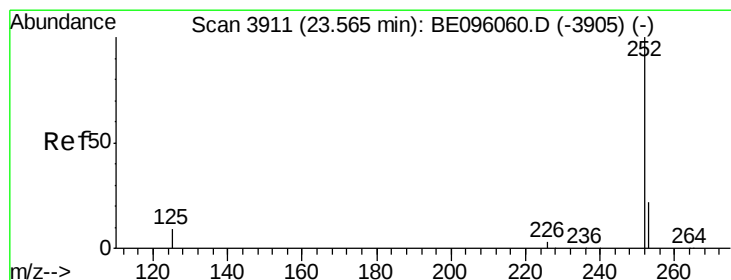
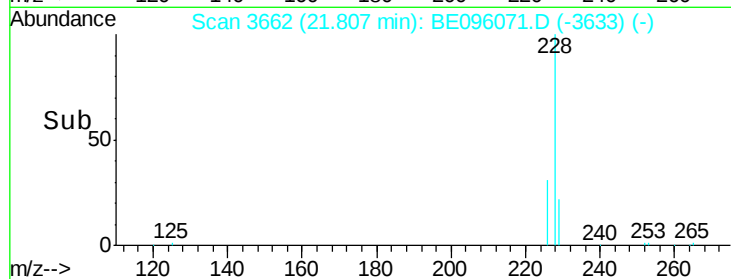
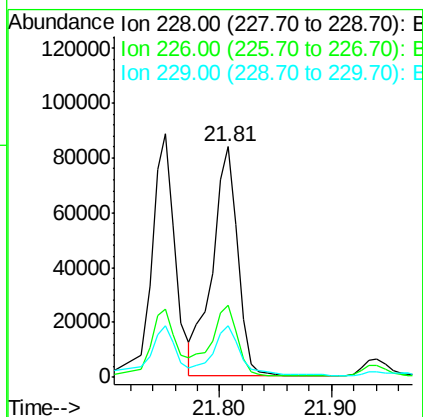
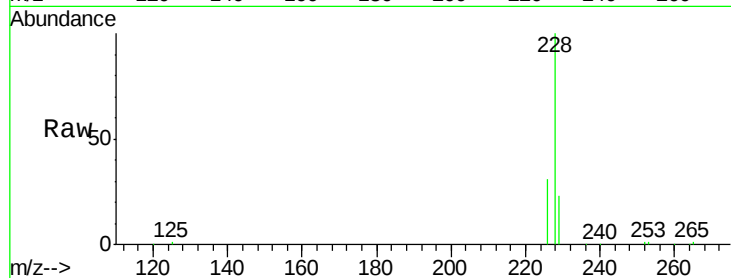
ClientSampleId :

C0AC2

Tot Ion:	228	Resp:	134755
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.0
229	22.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 8.509 ng/ul m

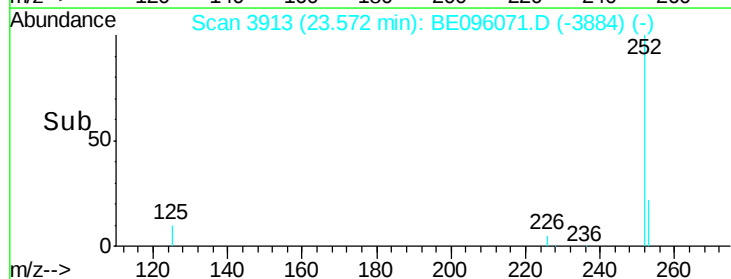
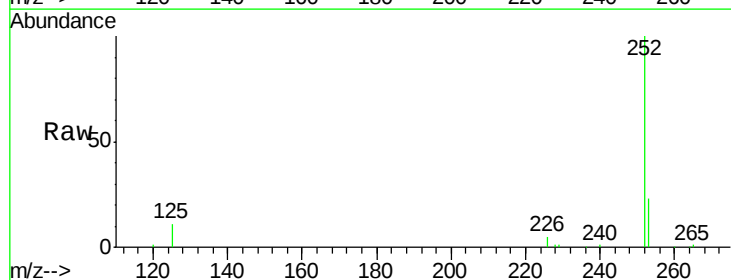
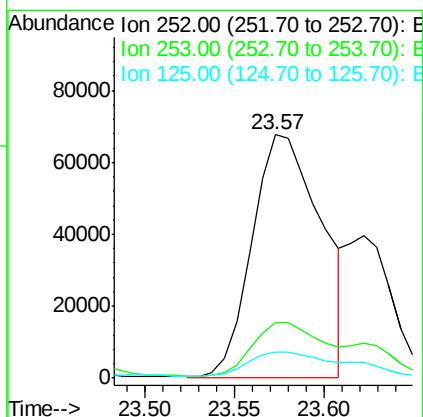
RT: 23.57 min Scan# 3913

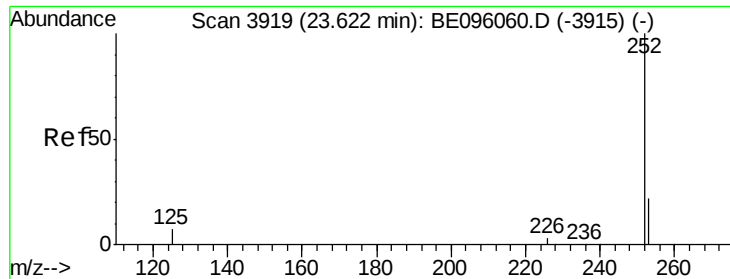
Delta R.T. 0.01 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Tgt Ion:	252	Resp:	182556
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	10.8	0.0	35.0





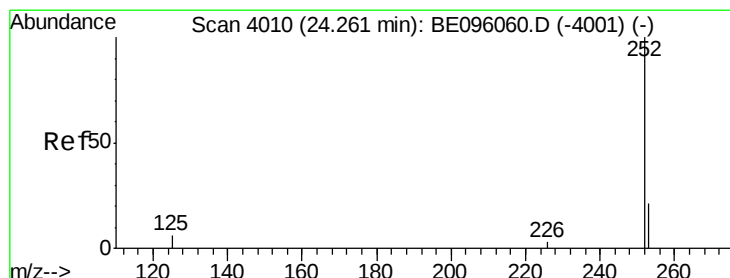
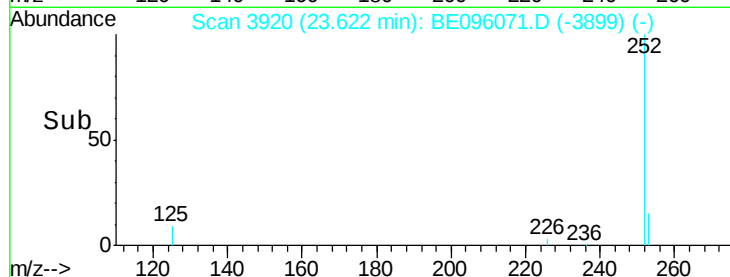
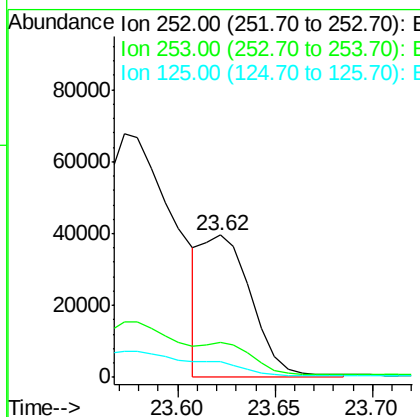
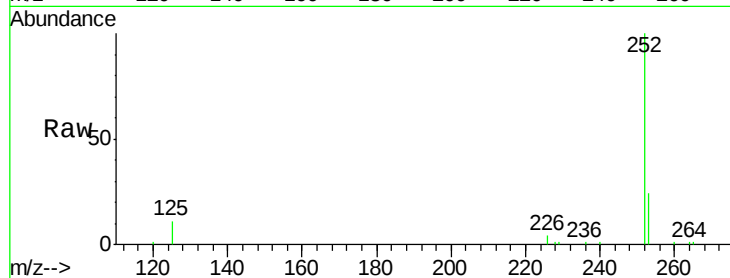
#22
Benzo(k)fluoranthene
Concen: 3.258 ng/ul m
RT: 23.62 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

Instrument :
BNA_E
ClientSampled :
C0AC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	10.6	13.7	20.5#

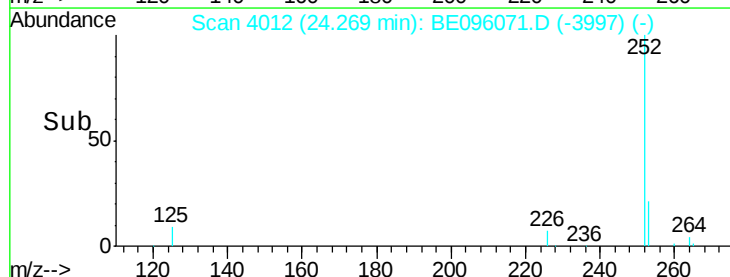
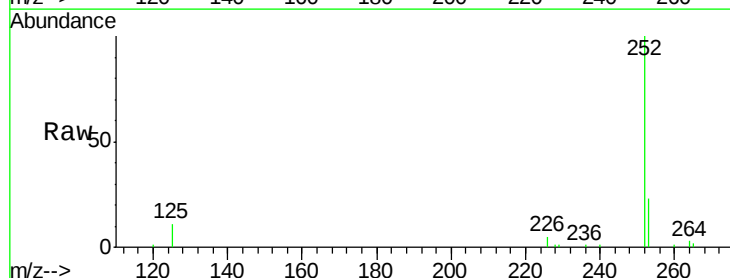
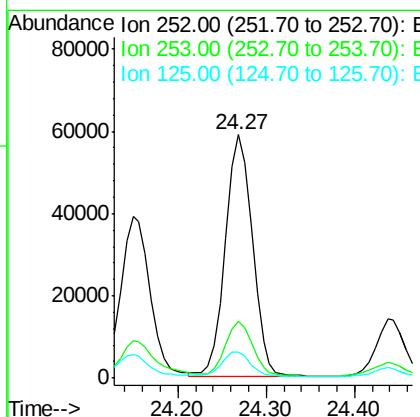
Manual Integrations
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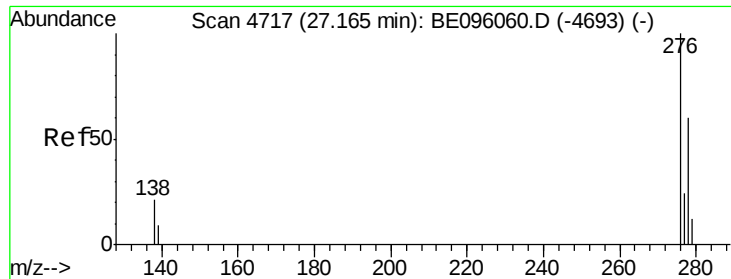
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4/23/2018 6:44:33 PM



#23
Benzo(a)pyrene
Concen: 6.003 ng/ul
RT: 24.27 min Scan# 4012
Delta R.T. 0.01 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	10.9	18.1	27.1#





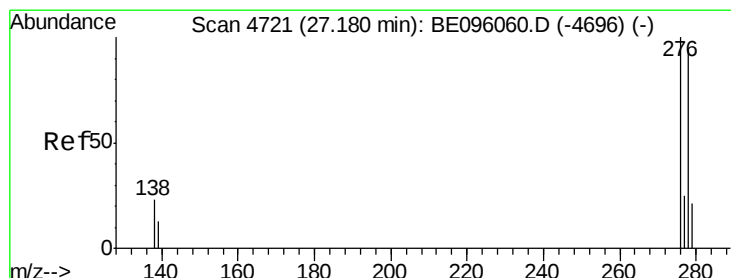
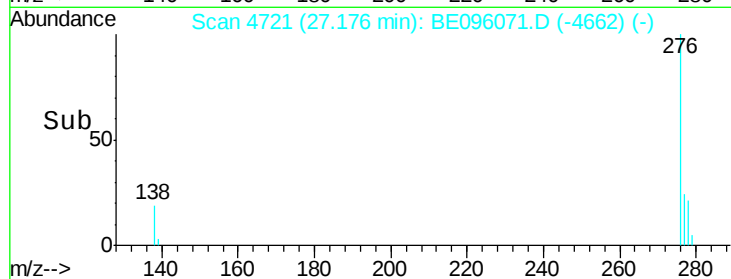
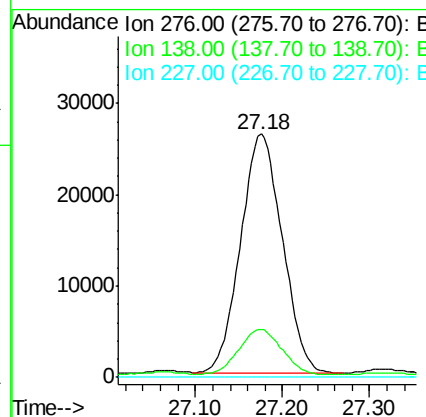
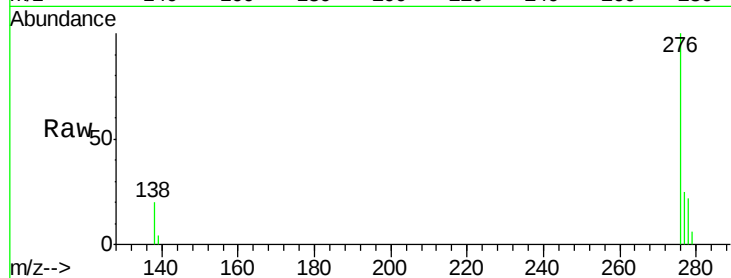
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.783 ng/ul
 RT: 27.18 min Scan# 4721
 Delta R.T. 0.01 min
 Lab File: BE096071.D
 Acq: 21 Apr 2018 9:33

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

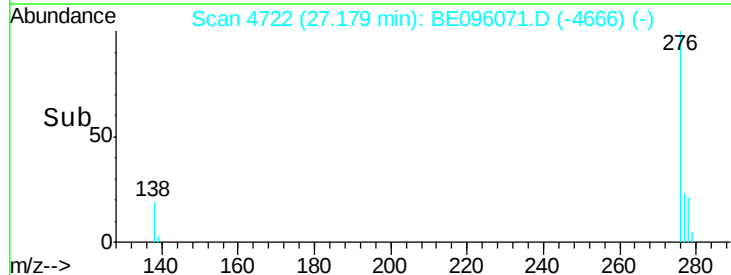
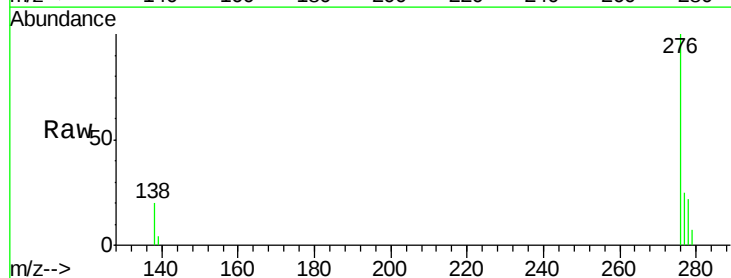
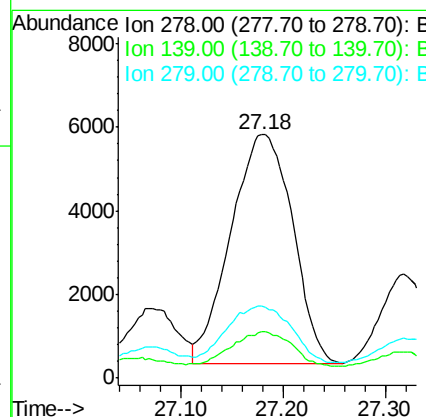
Manual Integrations
 APPROVED

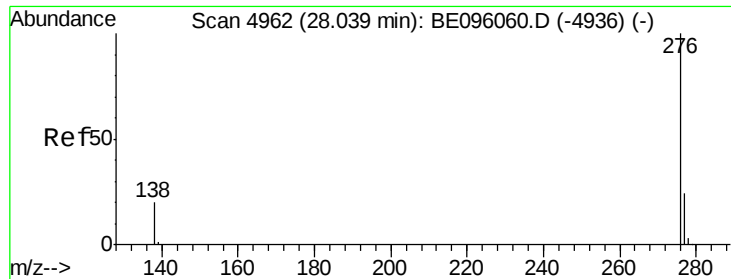
Sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.238 ng/ul
 RT: 27.18 min Scan# 4722
 Delta R.T. -0.00 min
 Lab File: BE096071.D
 Acq: 21 Apr 2018 9:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	17.4	26.0
279	29.3	25.9	38.9





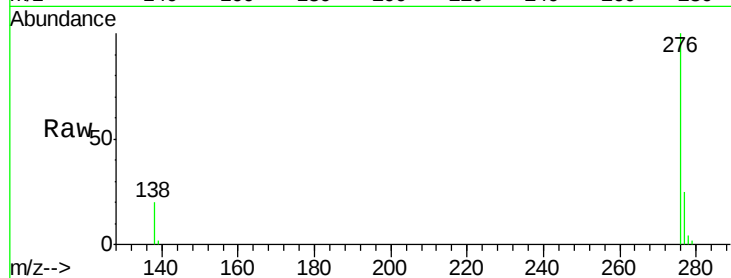
#26
 Benzo(a,h,i)perylene
 Concen: 4.342 ng/ul
 RT: 28.05 min Scan# 4967
 Delta R.T. 0.01 min
 Lab File: BE096071.D
 Acq: 21 Apr 2018 9:33

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	21.8	32.8#
277	24.6	20.5	30.7

Manual Integrations
 APPROVED

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 4/23/2018 6:44:33 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

