

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096080.D
 Acq On : 23 Apr 2018 12:12
 Operator : SJ/JU
 Sample : J2434-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2

Manual Integrations
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Sohil
 4/24/2018 7:09:47 PM

Quant Time: Apr 24 10:07:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1925	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5321	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3036	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6665	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7727	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6961	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3254	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	8518	0.31	ng/ul	0.00

Target Compounds						Ovalue
3) Naphthalene	11.25	128	1639	0.110	ng/ul#	90
5) 2-Methylnaphthalene	12.83	142	1046	0.104	ng/ul	99
7) Acenaphthylene	14.70	152	947	0.060	ng/ul#	87
8) Acenaphthene	15.03	153	1781	0.158	ng/ul	94
9) Fluorene	15.99	166	1835	0.144	ng/ul	90
12) Phenanthrene	17.72	178	39519	2.012	ng/ul#	89
13) Anthracene	17.80	178	8012	0.410	ng/ul#	90
15) Fluoranthene	19.69	202	90355	3.380	ng/ul	82
17) Pyrene	20.04	202	83930	3.197	ng/ul#	78
18) Benzo(a)anthracene	21.75	228	62742m	2.010	ng/ul	
19) Chrysene	21.80	228	46896m	2.087	ng/ul	
21) Benzo(b)fluoranthene	23.57	252	60804m	2.699	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	24847m	1.107	ng/ul	
23) Benzo(a)pyrene	24.26	252	43445	1.999	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.17	276	29640	1.227	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	7894	0.406	ng/ul	95
26) Benzo(a,h,i)perylene	28.04	276	28690	1.422	ng/ul#	92

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

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ALS Vial : 6 Sample Multiplier: 1

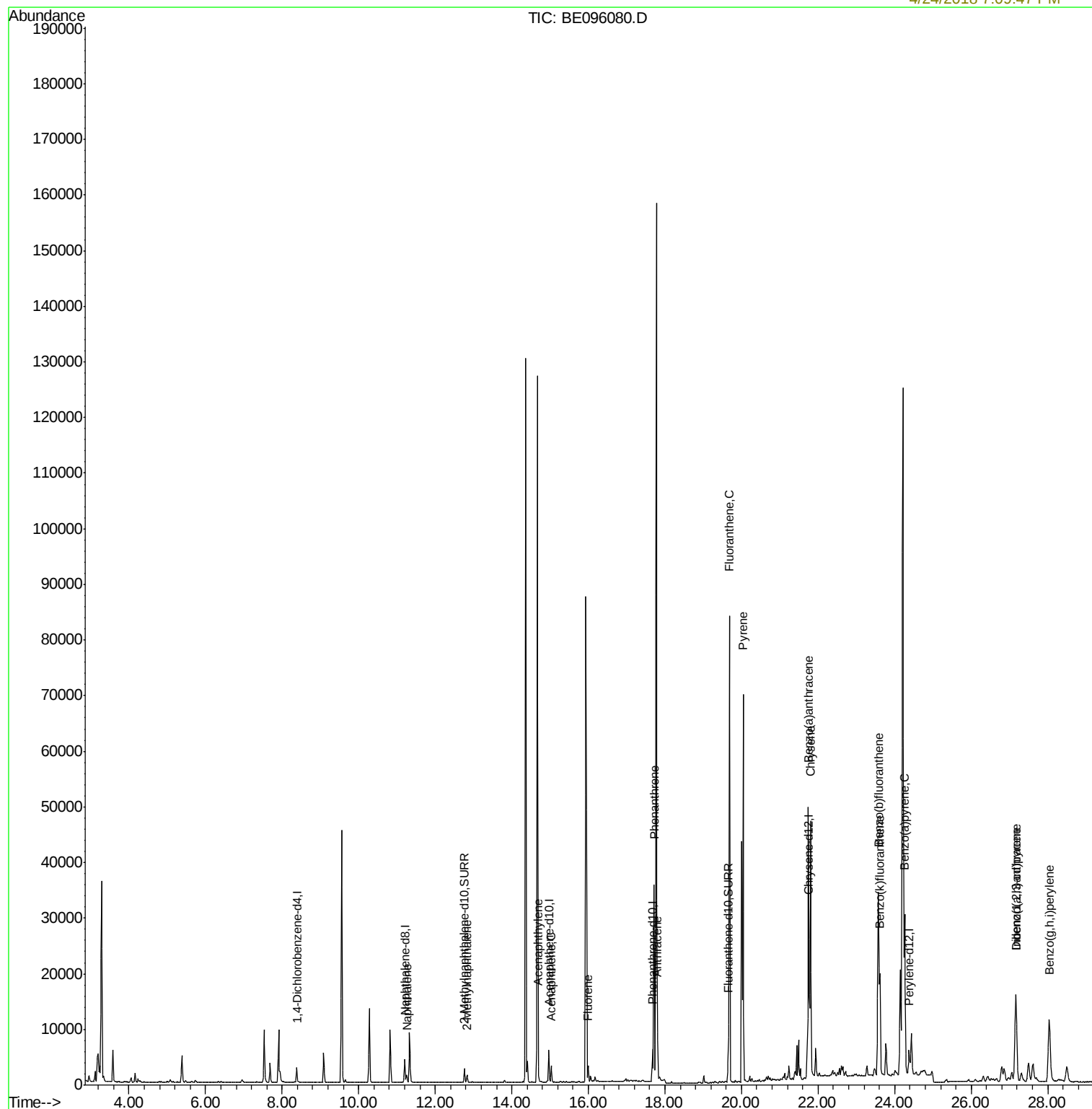
Instrument :
BNA_E
ClientSampleId :
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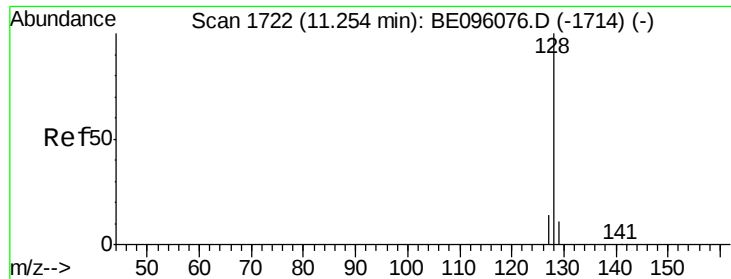
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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#3

Naphthalene

Concen: 0.110 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Instrument :

BNA_E

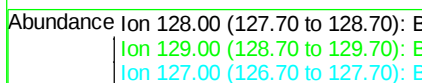
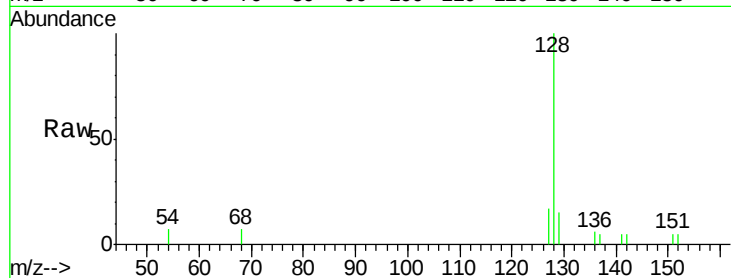
ClientSampleId :

C0AD2

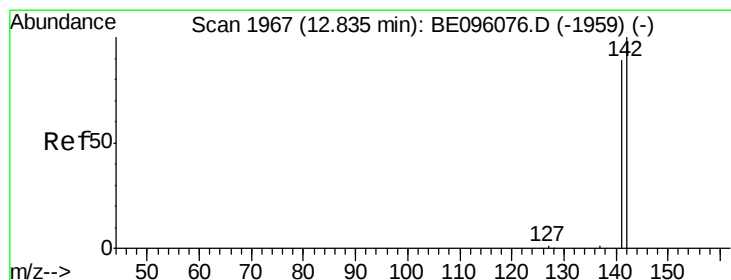
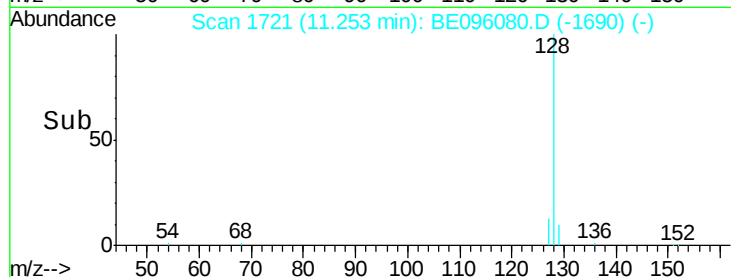
Tot Ion:	128	Resp:	1639
Ion Ratio	Lower	Upper	
128	100		
129	14.5	11.3	16.9
127	17.1	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.104 ng/ul

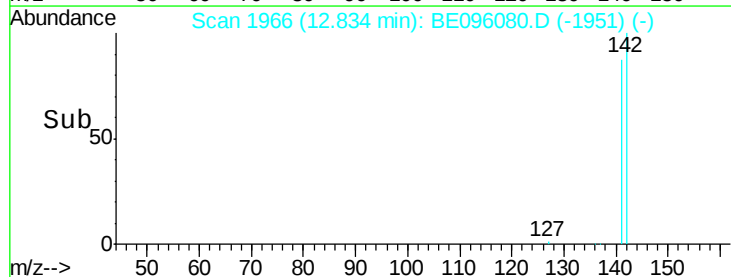
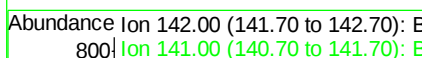
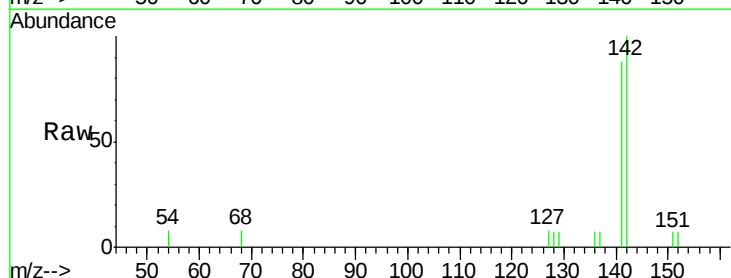
RT: 12.83 min Scan# 1966

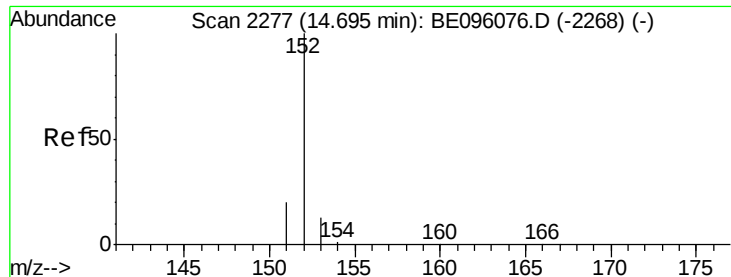
Delta R.T. -0.00 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Tgt Ion:	142	Resp:	1046
Ion Ratio	Lower	Upper	
142	100		
141	90.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.060 ng/ul

RT: 14.70 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Instrument :

BNA_E

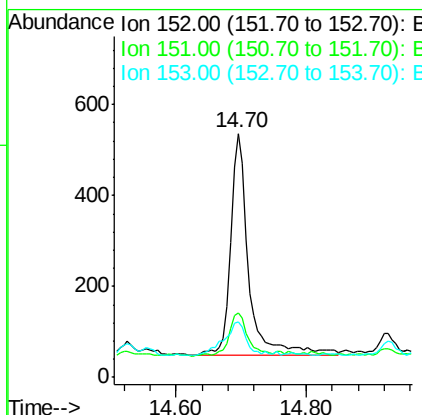
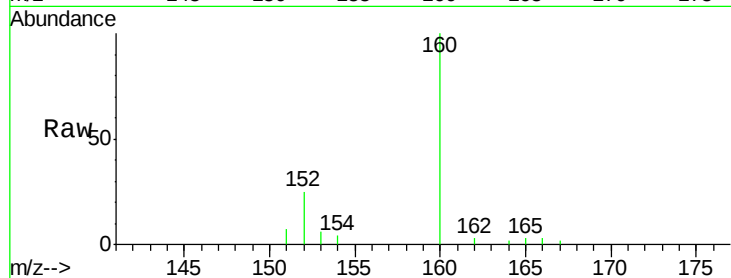
ClientSampleId :

C0AD2

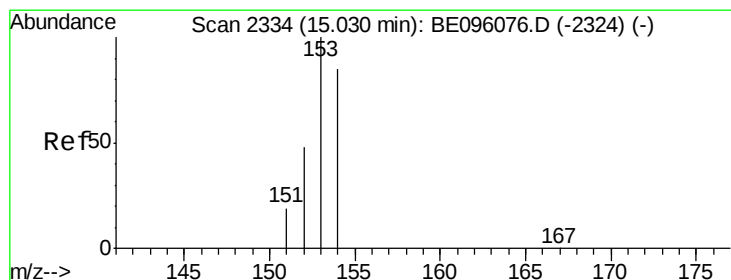
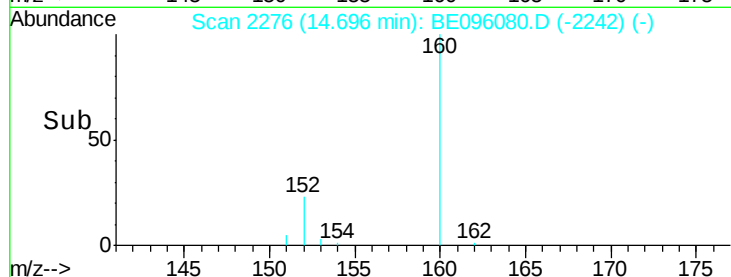
Tot Ion:	152	Resp:	947
Ion Ratio	Lower	Upper	
152	100		
151	26.7	17.1	25.7#
153	22.6	12.8	19.2#

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#8

Acenaphthene

Concen: 0.158 ng/ul

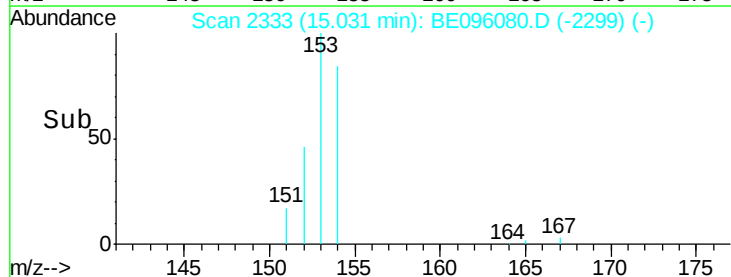
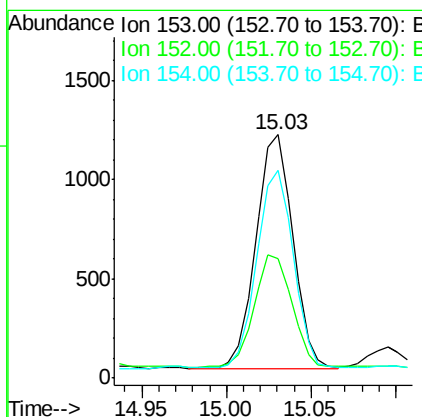
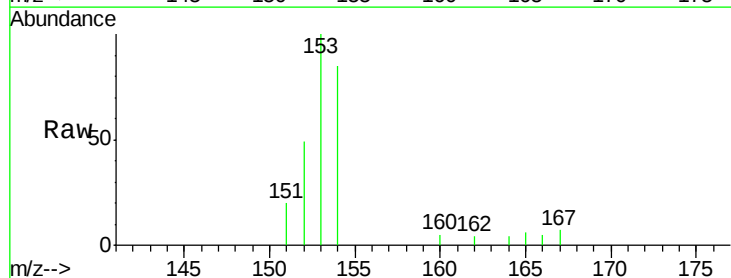
RT: 15.03 min Scan# 2333

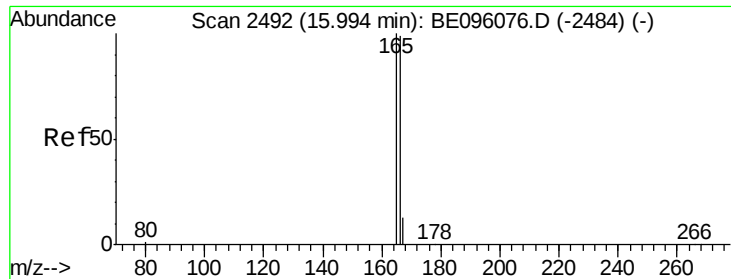
Delta R.T. 0.00 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Tgt Ion:	153	Resp:	1781
Ion Ratio	Lower	Upper	
153	100		
152	49.1	36.0	54.0
154	85.1	72.0	108.0





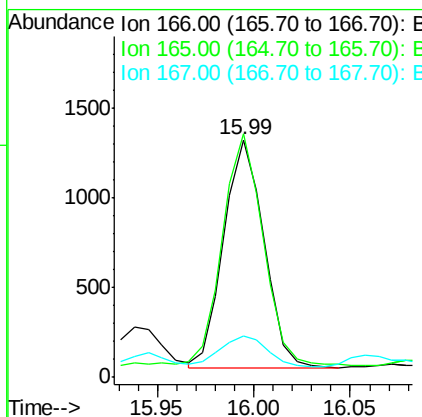
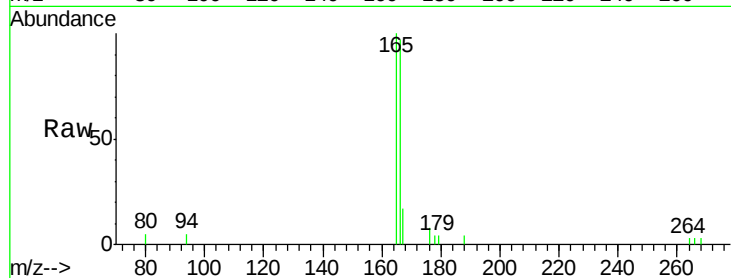
#9
Fluorene
 Concen: 0.144 ng/ul
 RT: 15.99 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BE096080.D
 Acq: 23 Apr 2018 12:12

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2

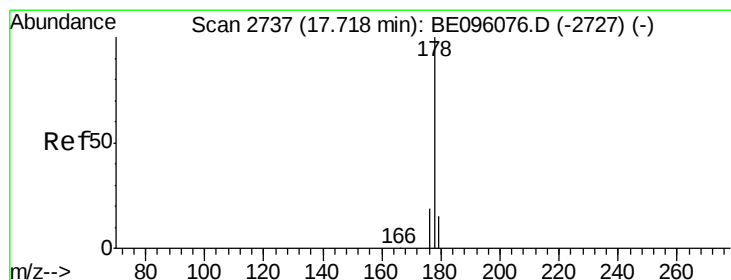
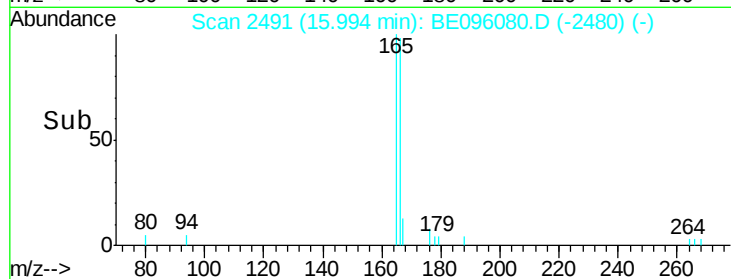
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.6	73.4	110.2
167	17.6	14.6	22.0

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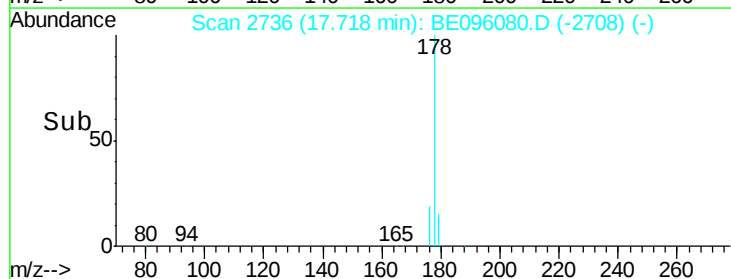
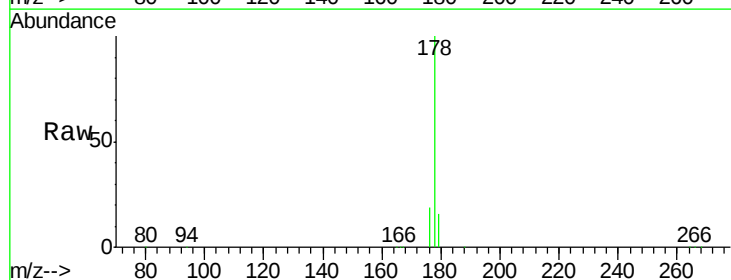
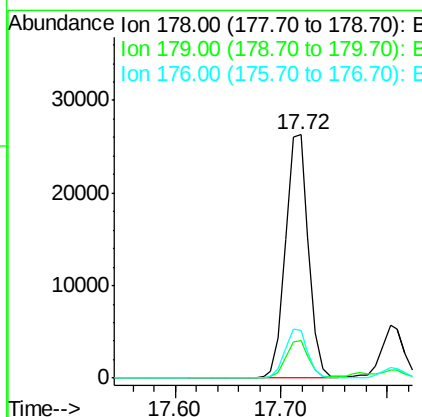


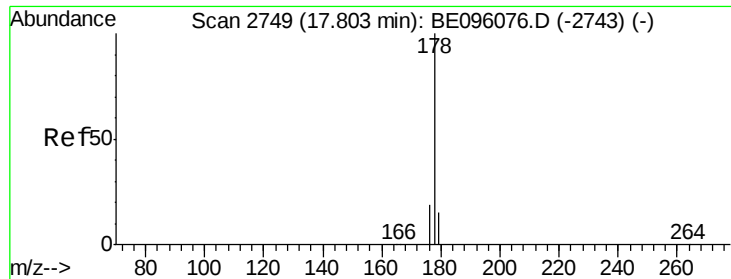
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#12
Phenanthrene
 Concen: 2.012 ng/ul
 RT: 17.72 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BE096080.D
 Acq: 23 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.4	13.6	20.4





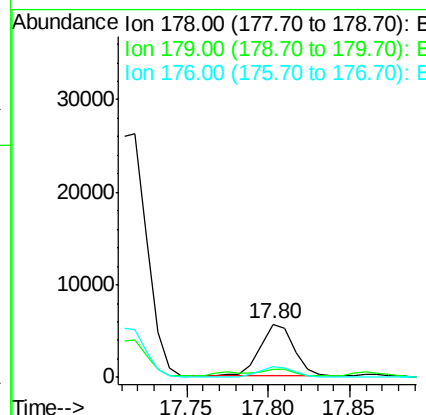
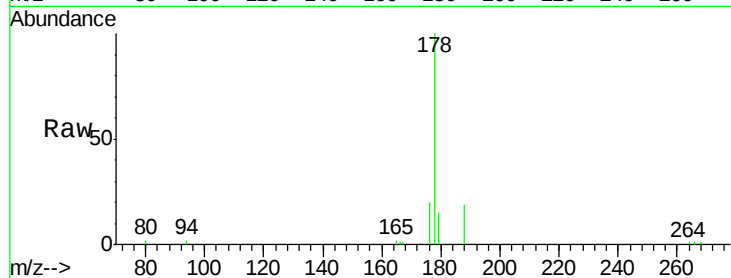
#13
 Anthracene
 Concen: 0.410 ng/ul
 RT: 17.80 min Scan# 2748
 Delta R.T. 0.00 min
 Lab File: BE096080.D
 Acq: 23 Apr 2018 12:12

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2

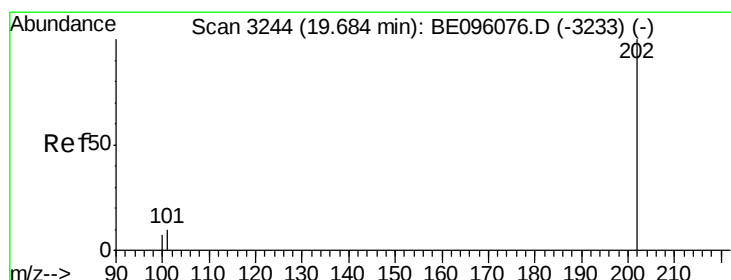
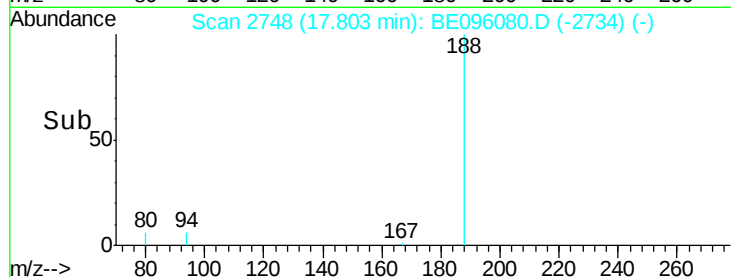
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.8	14.7	22.1

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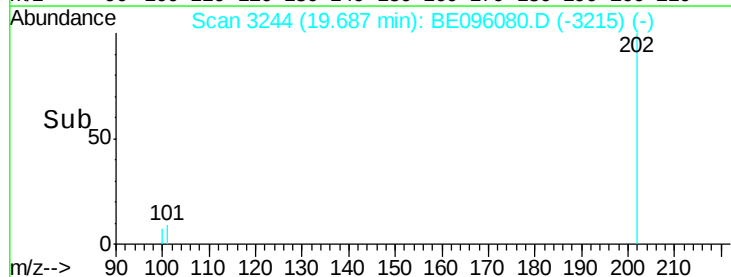
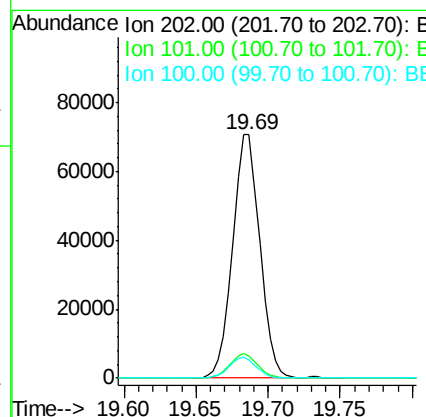
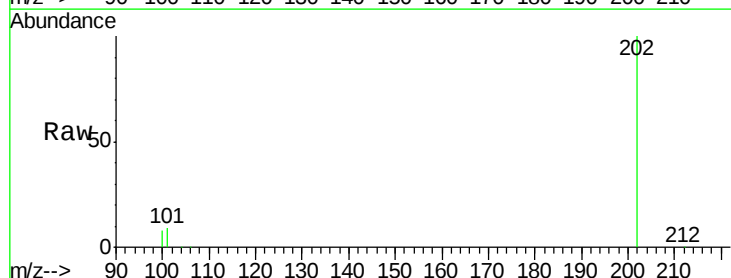


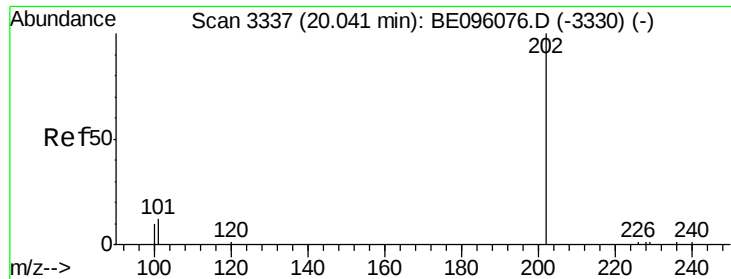
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#15
 Fluoranthene
 Concen: 3.380 ng/ul
 RT: 19.69 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BE096080.D
 Acq: 23 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.3
100	7.6	0.0	39.5





#17

Pvrene

Concen: 3.197 ng/ul

RT: 20.04 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Instrument :

BNA_E

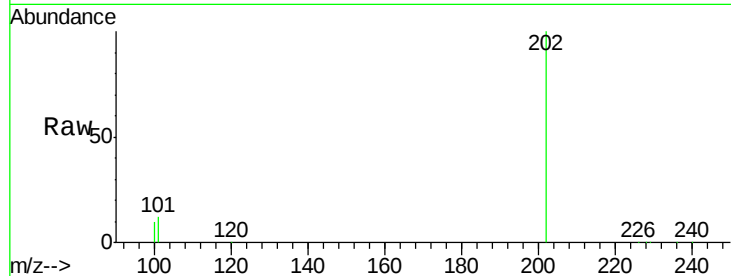
ClientSampleId :

C0AD2

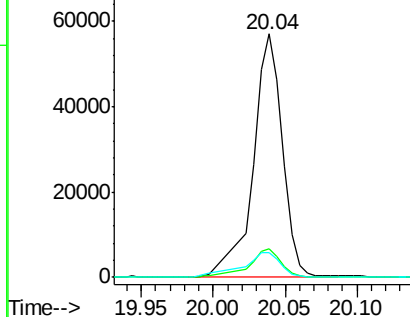
Tot Ion:	202	Resp:	83930
Ion Ratio	Lower	Upper	
202	100		
101	11.7	18.2	27.4#
100	10.4	15.6	23.4#

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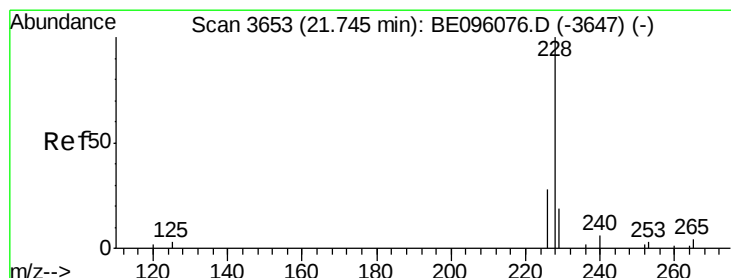
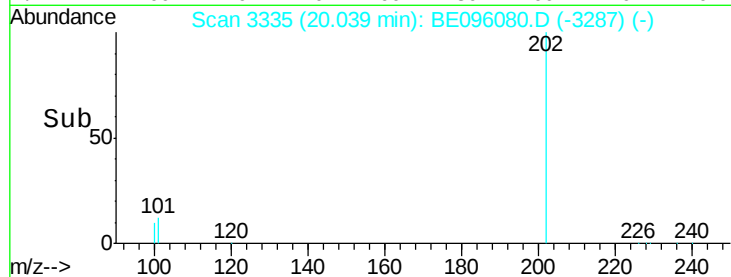
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



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#18

Benzo(a)anthracene

Concen: 2.010 ng/ul m

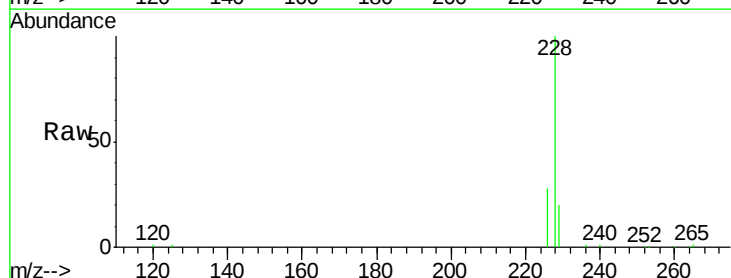
RT: 21.75 min Scan# 3651

Delta R.T. 0.00 min

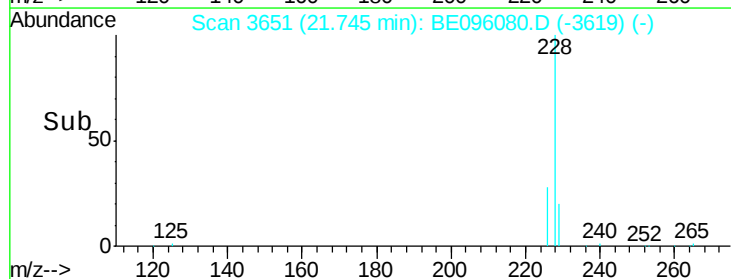
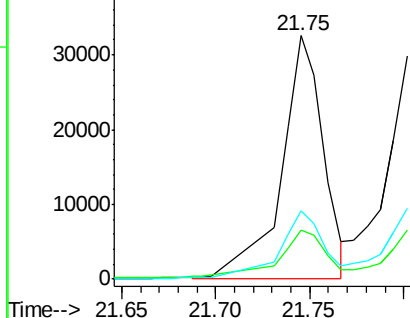
Lab File: BE096080.D

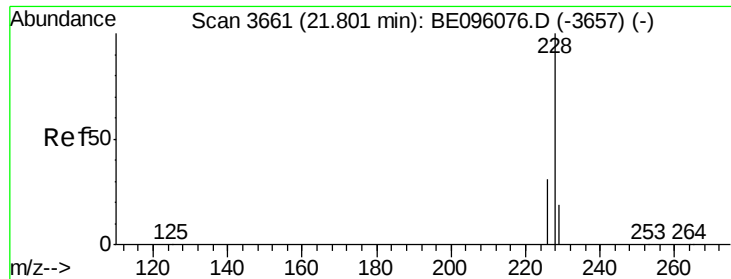
Acq: 23 Apr 2018 12:12

Tgt Ion:	228	Resp:	62742
Ion Ratio	Lower	Upper	
228	100		
229	20.1	22.8	34.2#
226	28.2	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: 2.087 ng/ul m

RT: 21.80 min Scan# 3659

Delta R.T. 0.00 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Instrument :

BNA_E

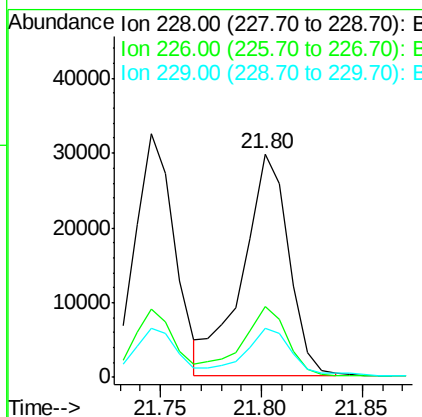
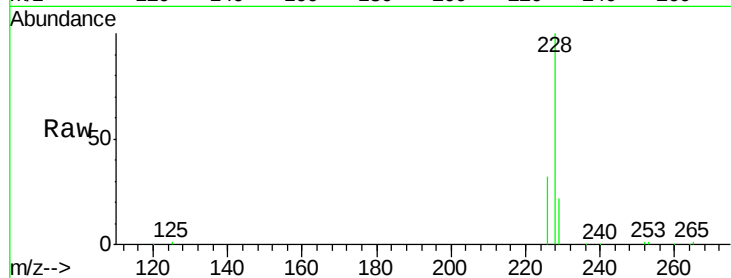
ClientSampled :

C0AD2

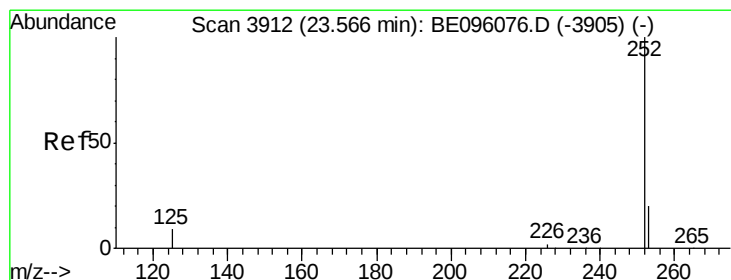
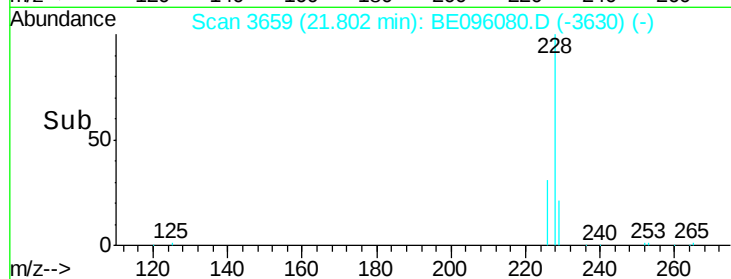
Tot Ion:	228	Resp:	46896
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.699 ng/ul m

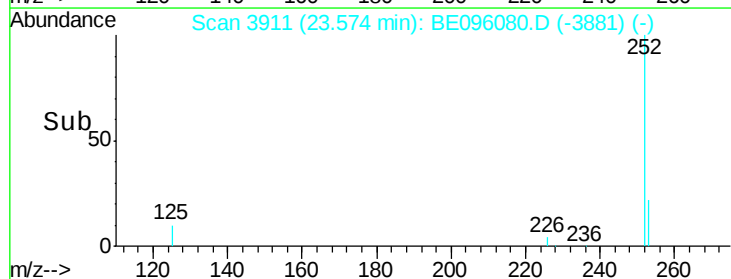
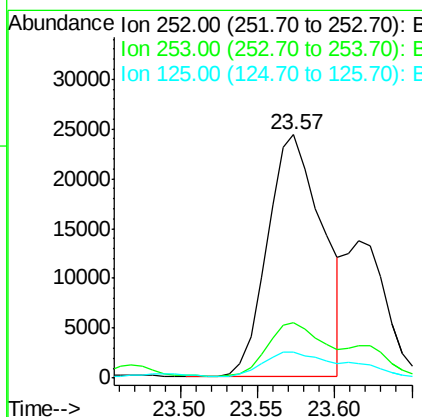
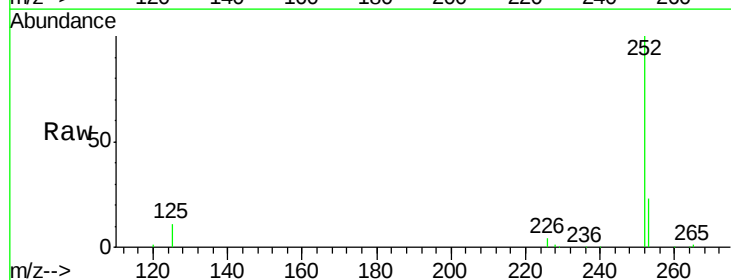
RT: 23.57 min Scan# 3911

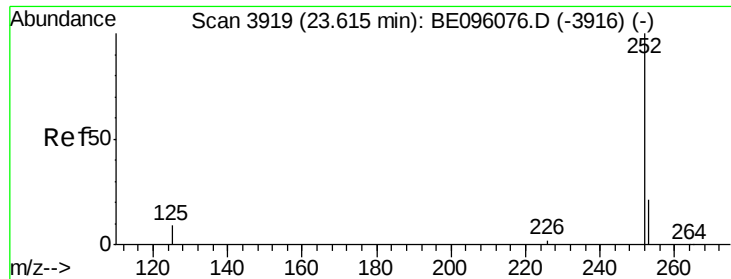
Delta R.T. 0.01 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Tgt Ion:	252	Resp:	60804
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	10.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.107 ng/ul m

RT: 23.62 min Scan# 3917

Delta R.T. 0.00 min

Lab File: BE096080.D

Acq: 23 Apr 2018 12:12

Instrument :

BNA_E

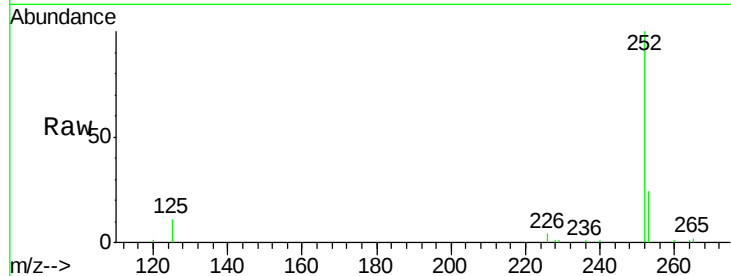
ClientSampled :

C0AD2

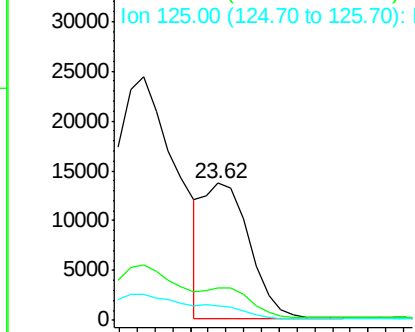
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	11.0	13.7	20.5#

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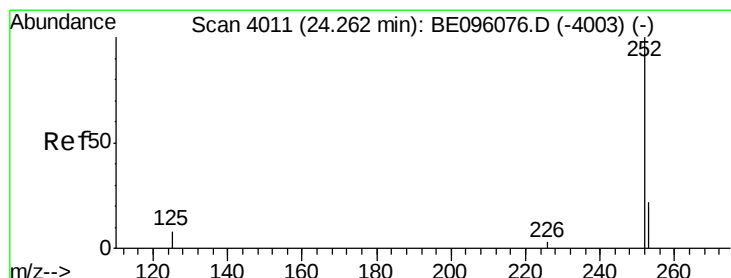
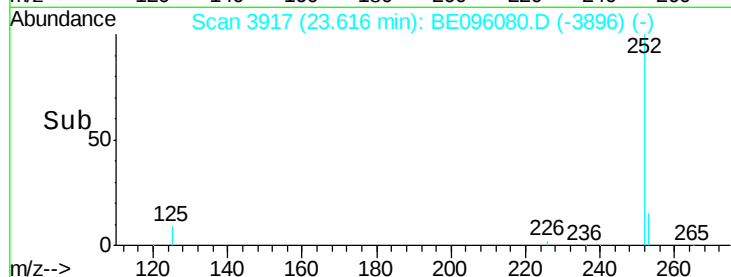
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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#23

Benzo(a)pyrene

Concen: 1.999 ng/ul

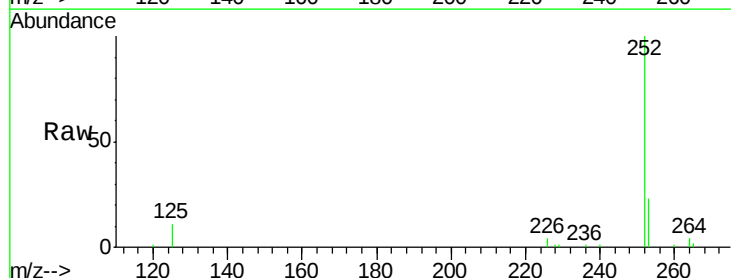
RT: 24.26 min Scan# 4009

Delta R.T. 0.00 min

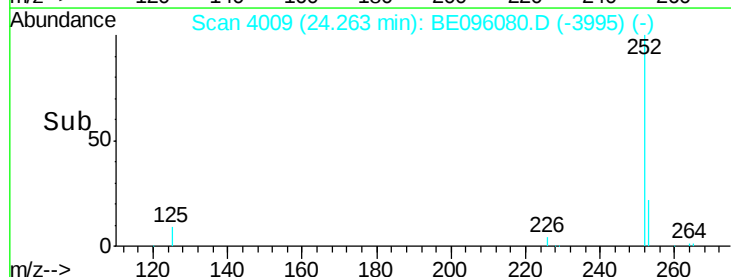
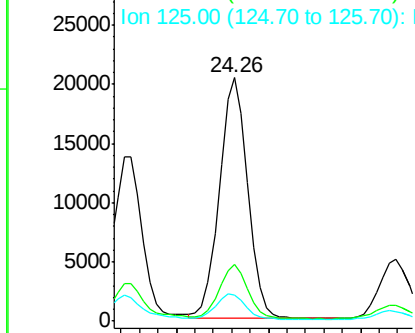
Lab File: BE096080.D

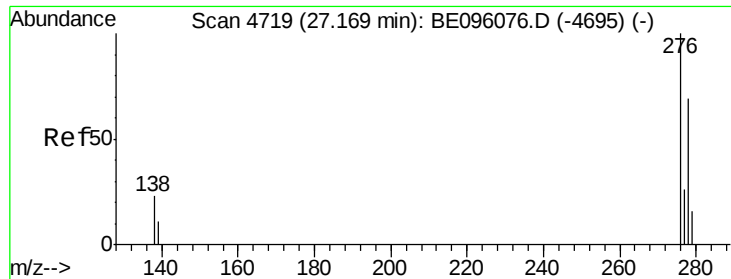
Acq: 23 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	10.9	18.1	27.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





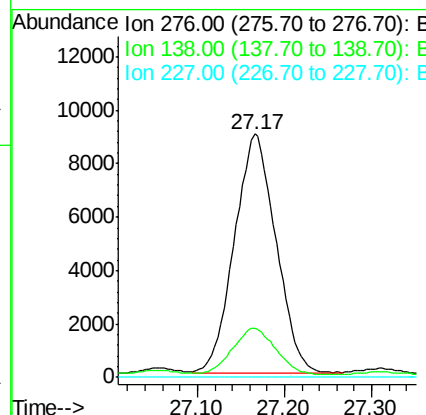
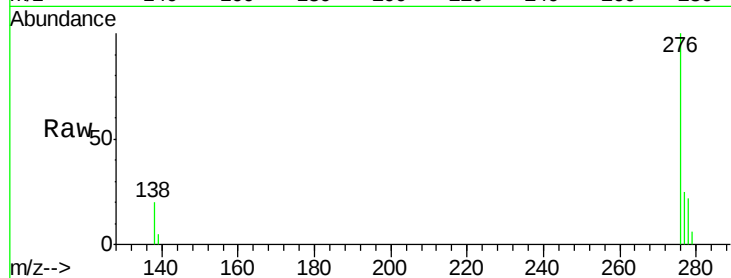
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.227 ng/ul
RT: 27.17 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BE096080.D
Acq: 23 Apr 2018 12:12

Instrument :
BNA_E
ClientSampleId :
C0AD2

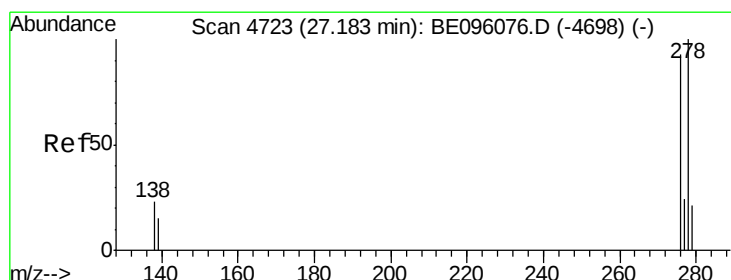
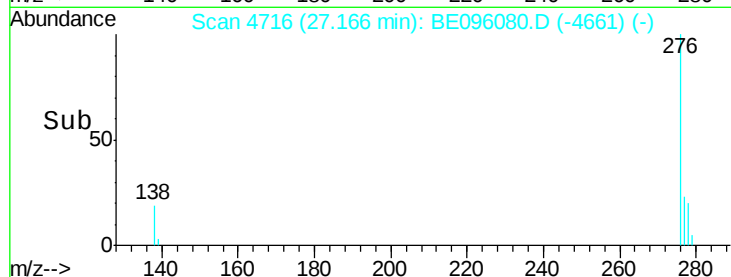
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:47 PM

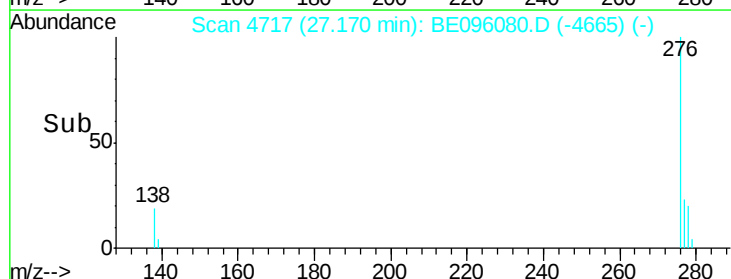
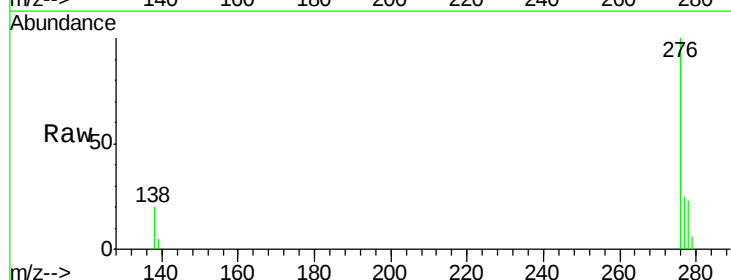
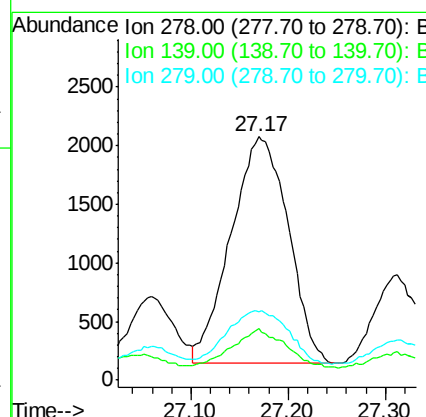


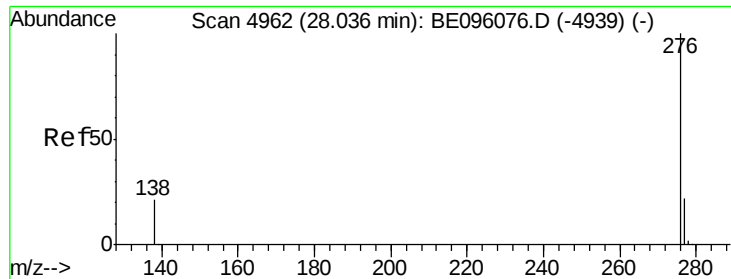
4/24/2018 7:09:47 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 27.17 min Scan# 4717
Delta R.T. -0.01 min
Lab File: BE096080.D
Acq: 23 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	17.4	26.0
279	28.0	25.9	38.9





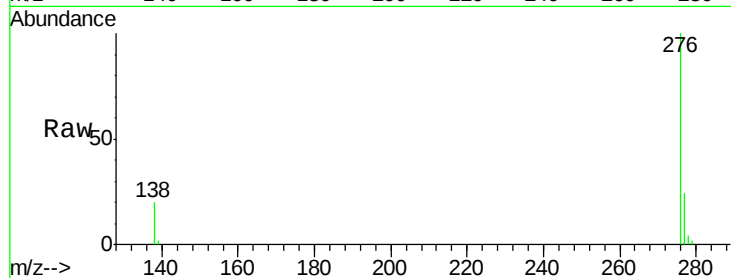
#26
 Benzo(a,h,i)perylene
 Concen: 1.422 ng/ul
 RT: 28.04 min Scan# 4961
 Delta R.T. 0.00 min
 Lab File: BE096080.D
 Acq: 23 Apr 2018 12:12

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2

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

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:47 PM

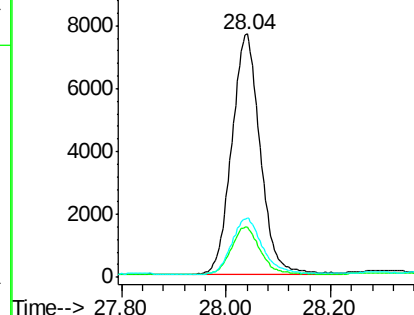
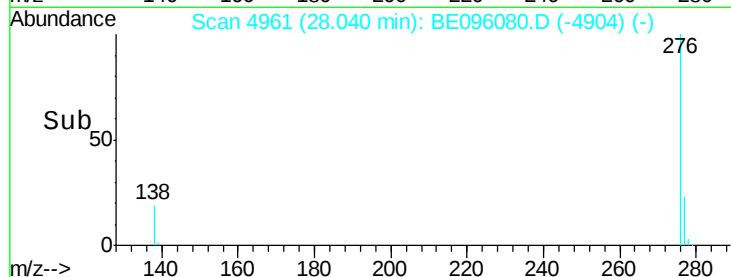


Abundance

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



4/24/2018 7:09:47 PM