

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096095.D
 Acq On : 23 Apr 2018 21:15
 Operator : SJ/JU
 Sample : J2355-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y16

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:50 PM

Quant Time: Apr 24 07:42:53 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 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2128	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3558	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7779m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7166m	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	7656m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2249	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	5675m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	2589	0.152	ng/ul#	91
5) 2-Methylnaphthalene	12.83	142	1239	0.107	ng/ul	96
7) Acenaphthylene	14.70	152	16730	0.907	ng/ul	97
8) Acenaphthene	15.03	153	1803	0.136	ng/ul	93
9) Fluorene	15.99	166	5570	0.373	ng/ul	91
12) Phenanthrene	17.72	178	109257m	4.765	ng/ul	
13) Anthracene	17.80	178	17435m	0.764	ng/ul	
15) Fluoranthene	19.69	202	233912m	7.498	ng/ul	
17) Pyrene	20.04	202	262758	10.791	ng/ul#	78
18) Benzo(a)anthracene	21.74	228	165181m	5.706	ng/ul	
19) Chrysene	21.81	228	115639	5.550	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	132168m	5.335	ng/ul	
22) Benzo(k)fluoranthene	23.61	252	39891m	1.616	ng/ul	
23) Benzo(a)pyrene	24.26	252	94593m	3.957	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.17	276	60154	2.264	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	15946	0.745	ng/ul	94
26) Benzo(a,h,i)perylene	28.04	276	47551	2.143	ng/ul#	92

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

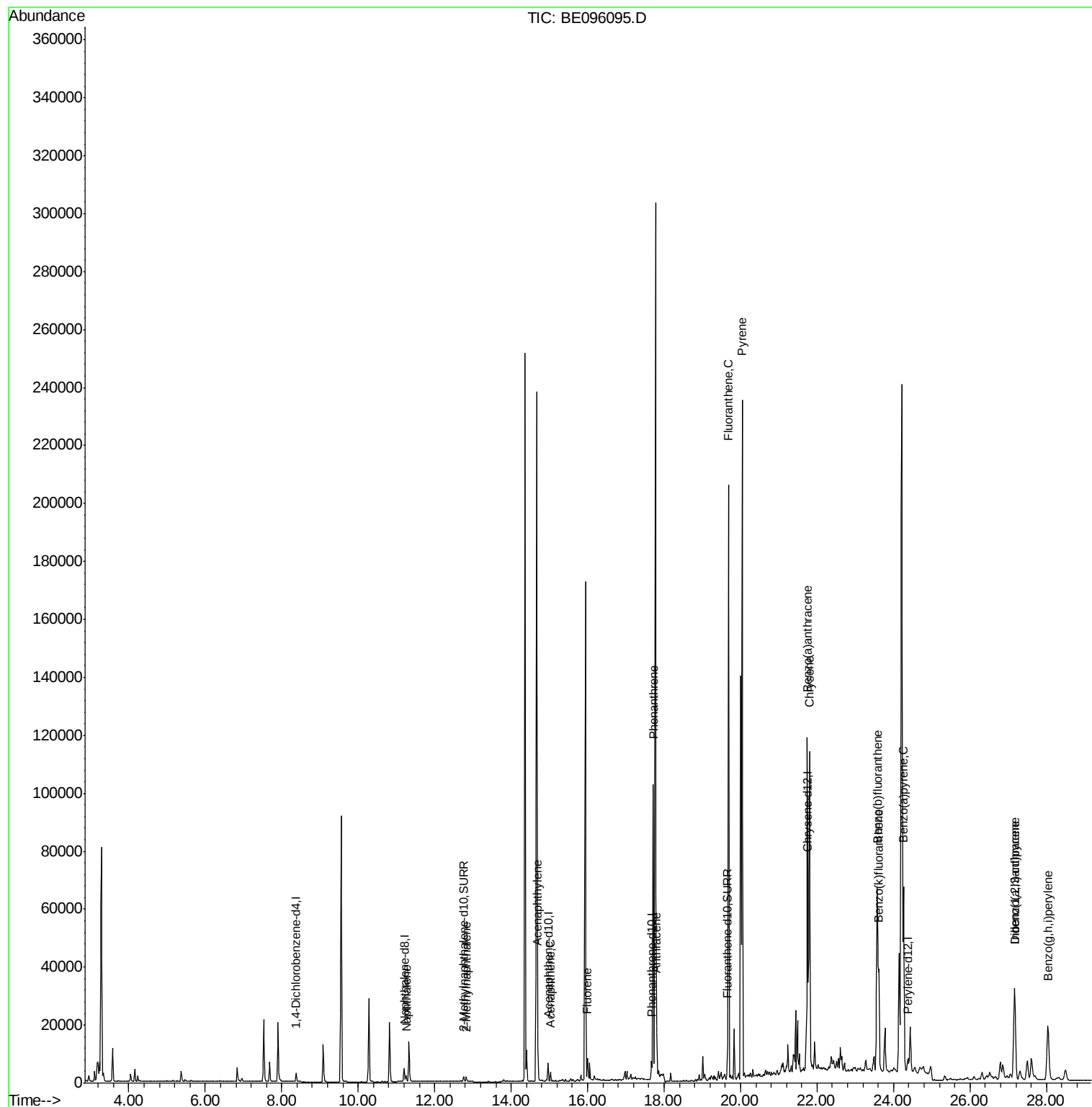
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
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ALS Vial : 20 Sample Multiplier: 1

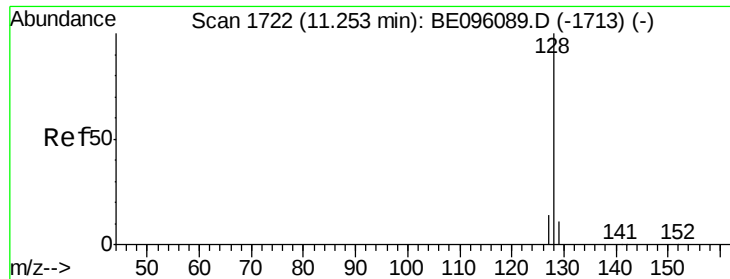
Instrument :
BNA_E
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A3Y16

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Quant Time: Apr 24 07:42:53 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 06:59:54 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.152 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Instrument :

BNA_E

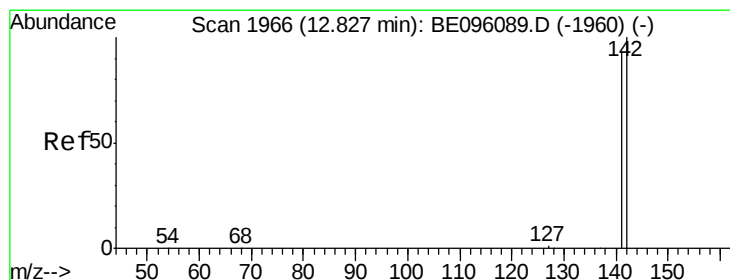
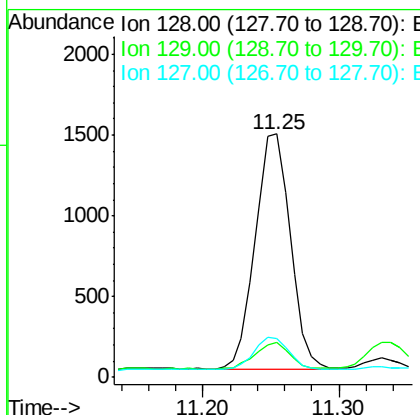
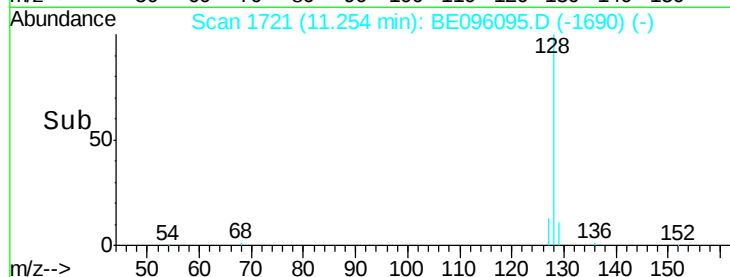
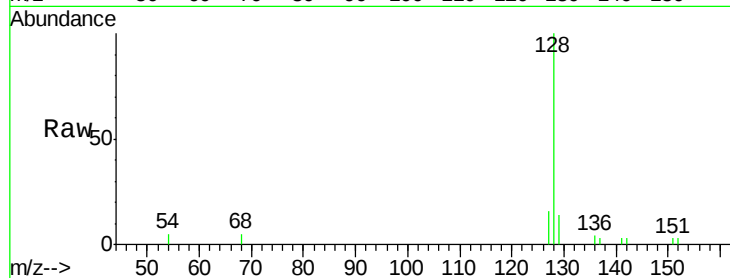
ClientSampleId :

A3Y16

Tot Ion:	128	Resp:	2589
Ion Ratio	Lower	Upper	
128	100		
129	14.5	11.3	16.9
127	16.1	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.107 ng/ul

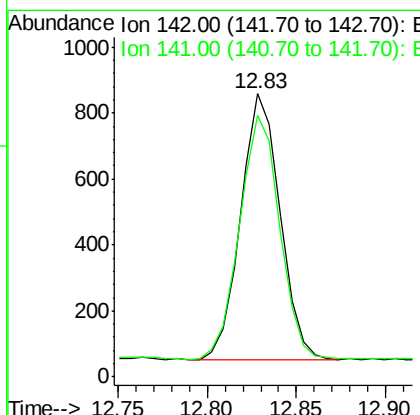
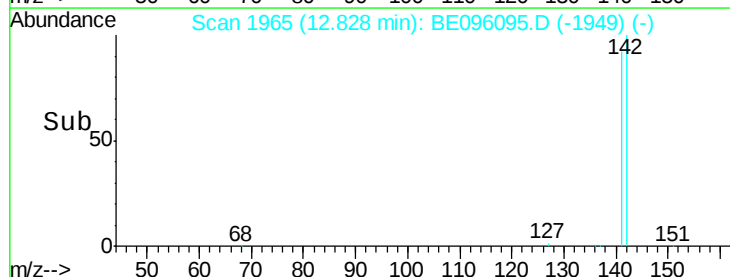
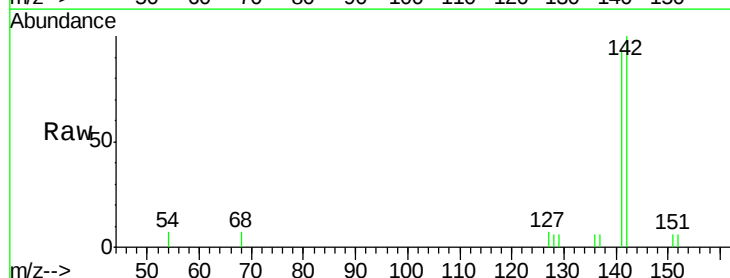
RT: 12.83 min Scan# 1965

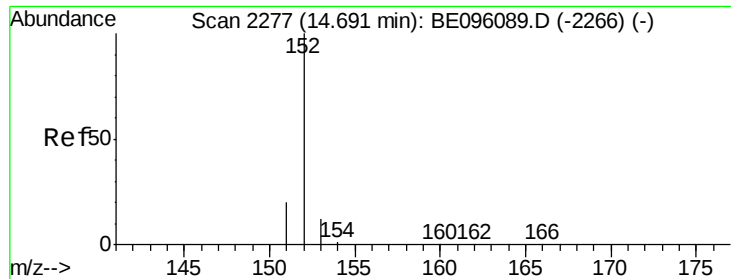
Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Tgt Ion:	142	Resp:	1239
Ion Ratio	Lower	Upper	
142	100		
141	94.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.907 ng/ul

RT: 14.70 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Instrument :

BNA_E

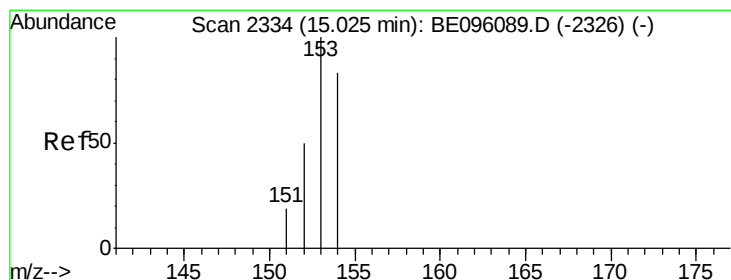
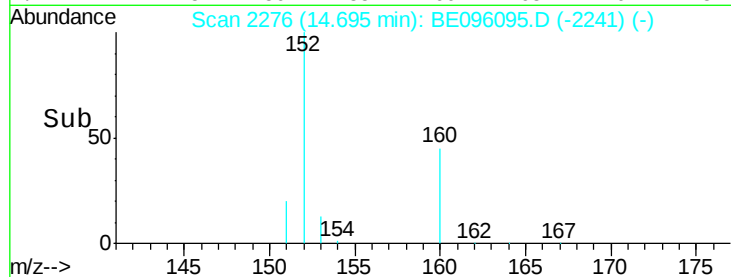
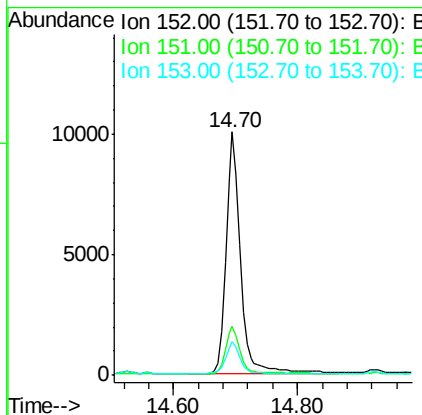
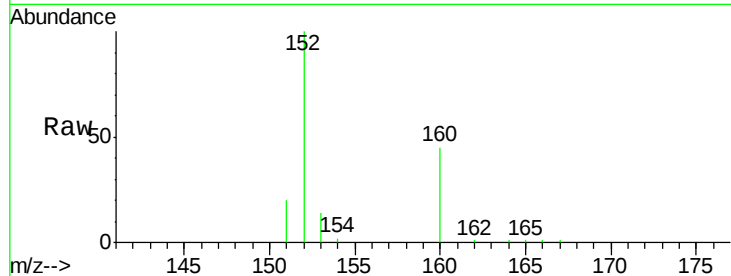
ClientSampled :

A3Y16

Tot Ion:	152	Resp:	16730
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	14.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.136 ng/ul

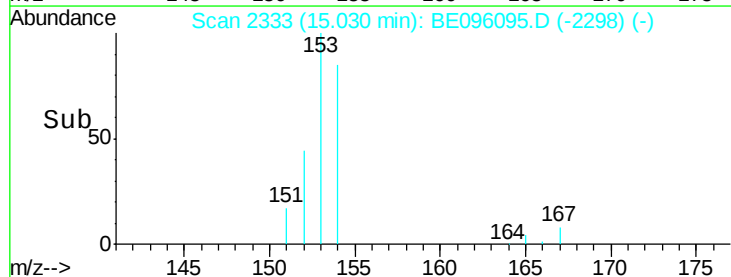
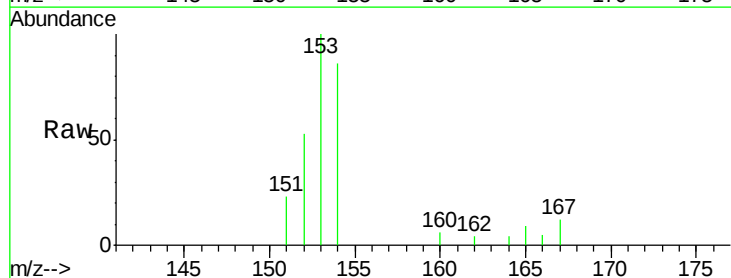
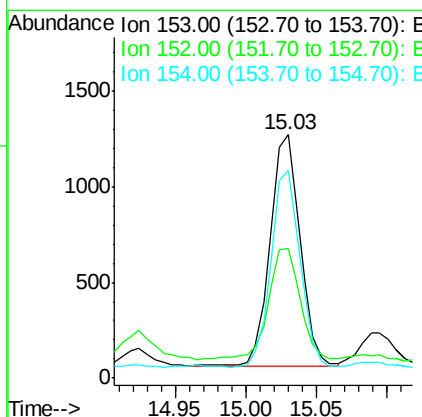
RT: 15.03 min Scan# 2333

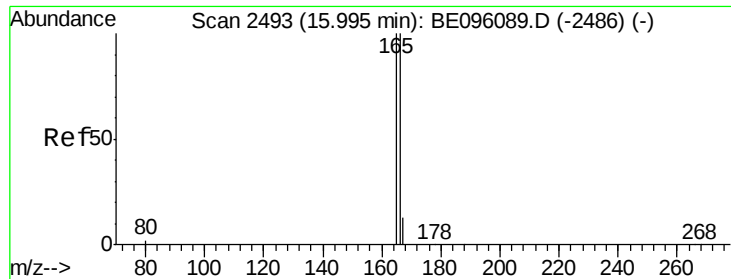
Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Tgt Ion:	153	Resp:	1803
Ion Ratio	Lower	Upper	
153	100		
152	53.3	36.0	54.0
154	85.6	72.0	108.0





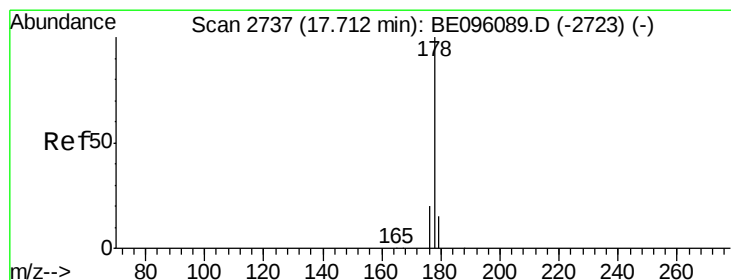
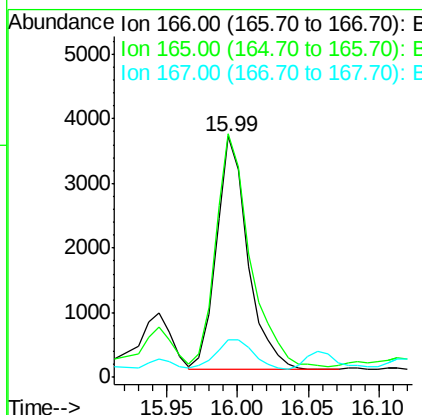
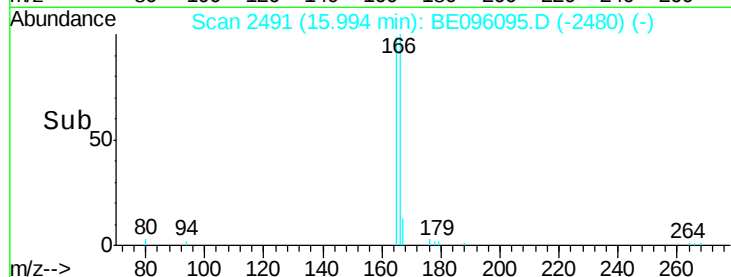
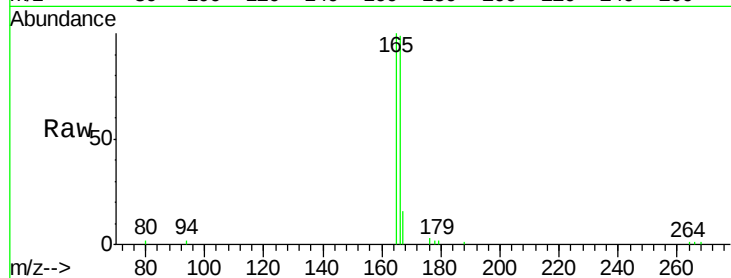
#9
Fluorene
 Concen: 0.373 ng/ul
 RT: 15.99 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BE096095.D
 Acq: 23 Apr 2018 21:15

Instrument :
 BNA_E
 ClientSampleId :
 A3Y16

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	73.4	110.2
167	15.8	14.6	22.0

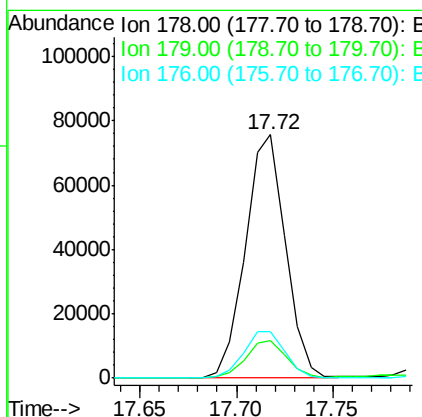
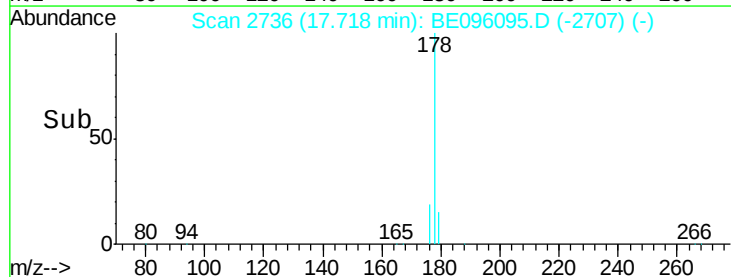
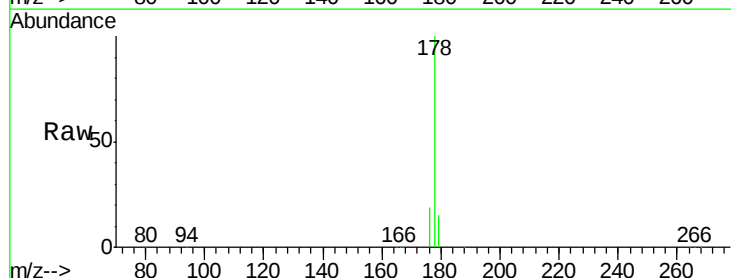
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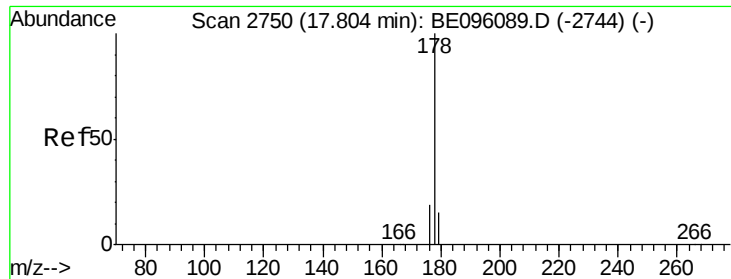
Sohil
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#12
Phenanthrene
 Concen: 4.765 ng/ul m
 RT: 17.72 min Scan# 2736
 Delta R.T. 0.01 min
 Lab File: BE096095.D
 Acq: 23 Apr 2018 21:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.3	13.6	20.4





#13

Anthracene

Concen: 0.764 ng/ul m

RT: 17.80 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Instrument :

BNA_E

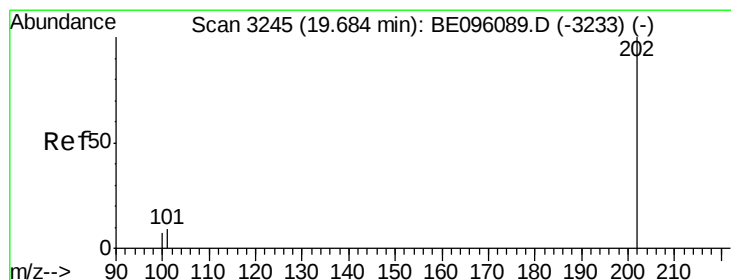
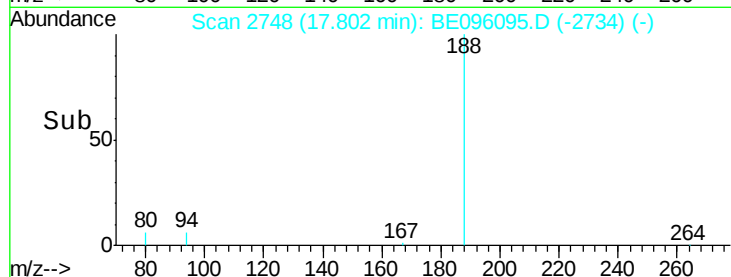
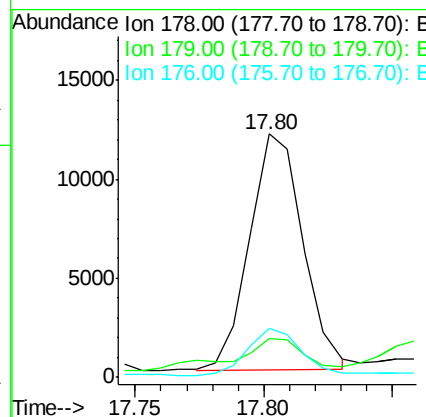
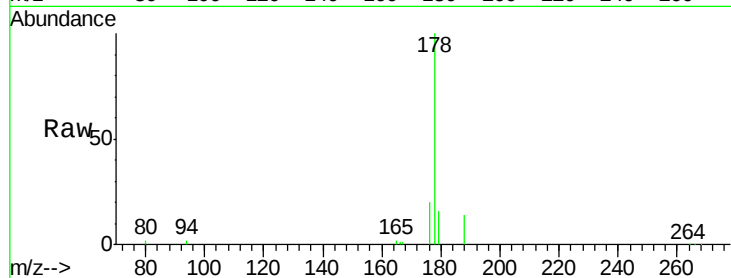
ClientSampleId :

A3Y16

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.1	27.1#
176	20.3	14.7	22.1

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#15

Fluoranthene

Concen: 7.498 ng/ul m

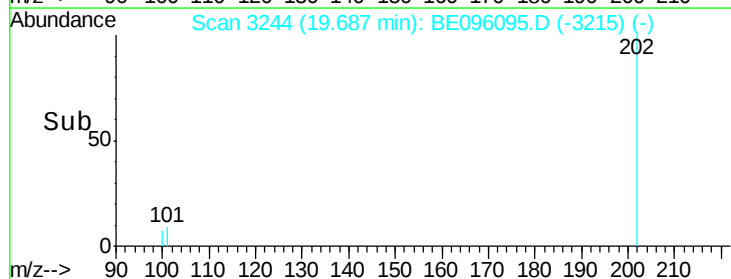
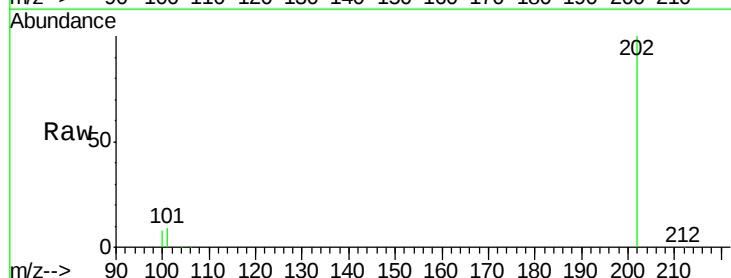
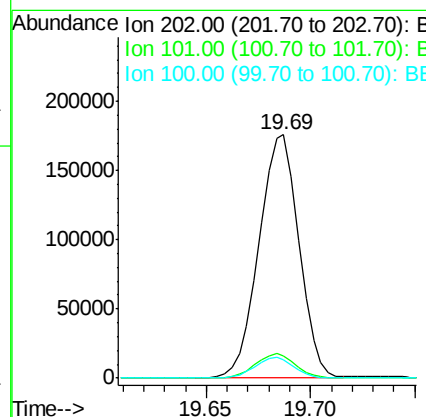
RT: 19.69 min Scan# 3244

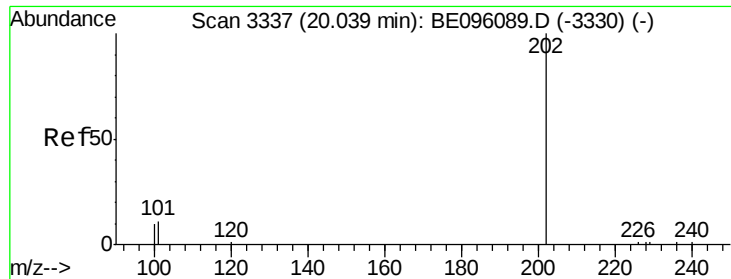
Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.3
100	7.5	0.0	39.5





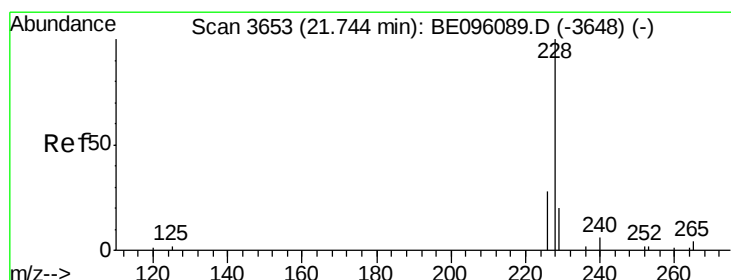
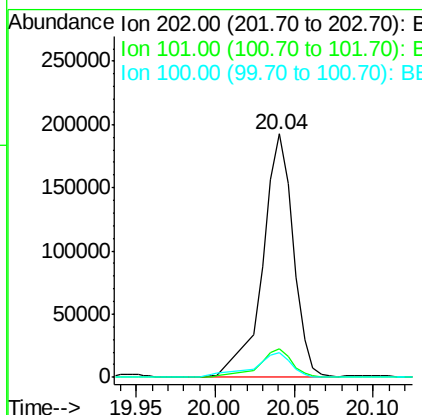
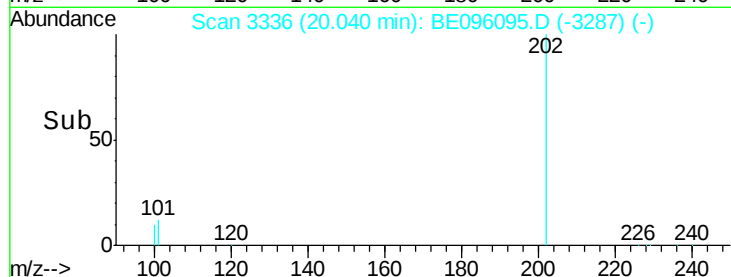
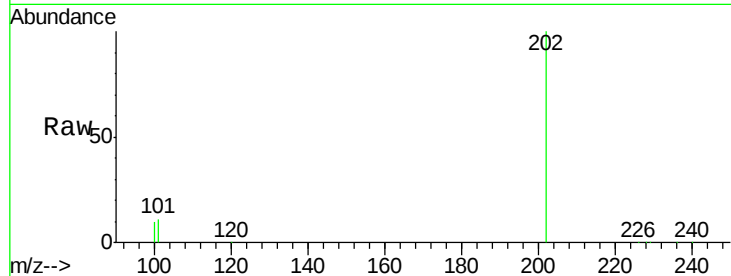
#17
 Pvrene
 Concen: 10.791 ng/ul
 RT: 20.04 min Scan# 3336
 Delta R.T. 0.00 min
 Lab File: BE096095.D
 Acq: 23 Apr 2018 21:15

Instrument :
 BNA_E
 ClientSampled :
 A3Y16

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	18.2	27.4#
100	10.1	15.6	23.4#

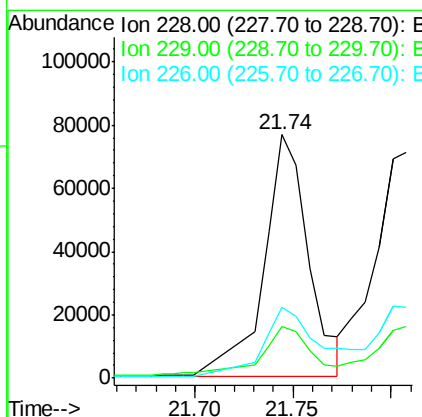
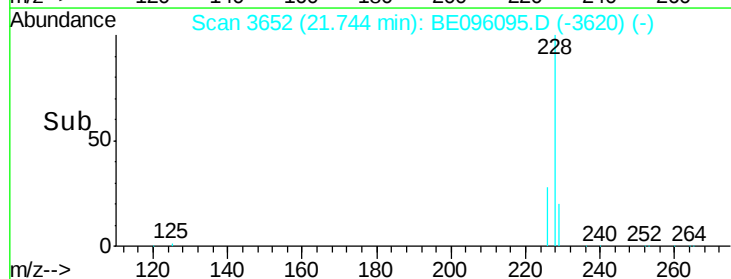
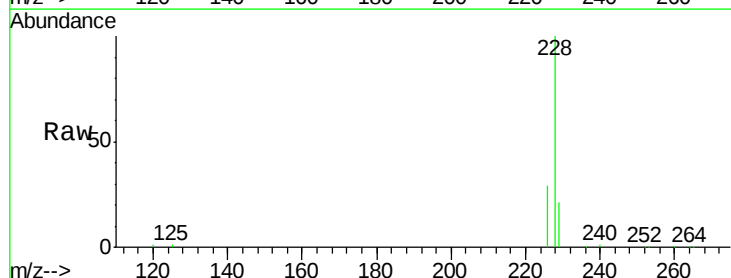
Manual Integrations
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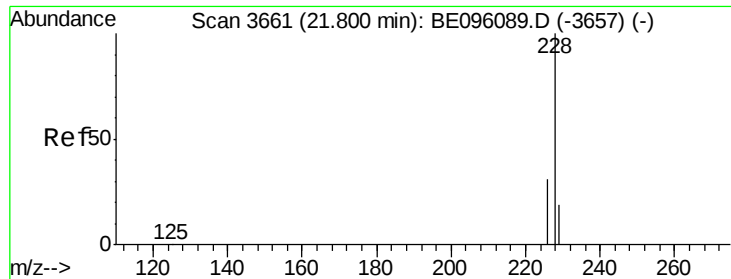
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#18
 Benzo(a)anthracene
 Concen: 5.706 ng/ul m
 RT: 21.74 min Scan# 3652
 Delta R.T. 0.00 min
 Lab File: BE096095.D
 Acq: 23 Apr 2018 21:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	29.0	17.0	25.6#





#19

Chrysene

Concen: 5.550 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.01 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Instrument :

BNA_E

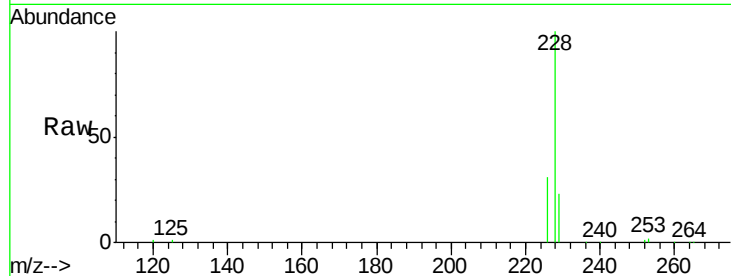
ClientSampled :

A3Y16

Tot Ion:	228	Resp:	115639
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	22.7	17.7	26.5

Manual Integrations
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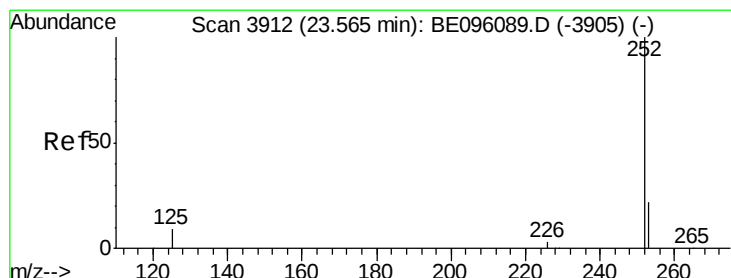
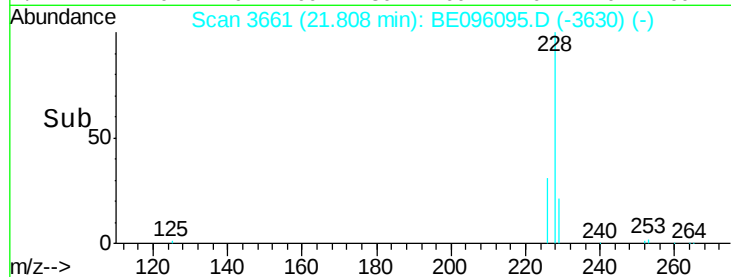
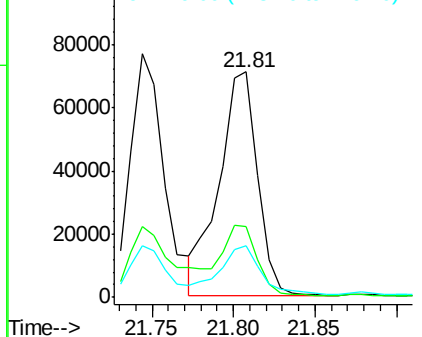


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 5.335 ng/ul m

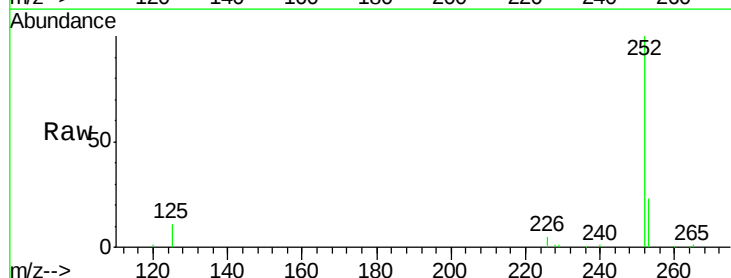
RT: 23.57 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Tgt Ion:	252	Resp:	132168
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	11.3	0.0	35.0

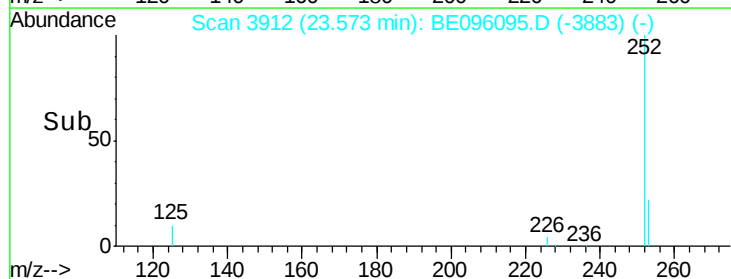
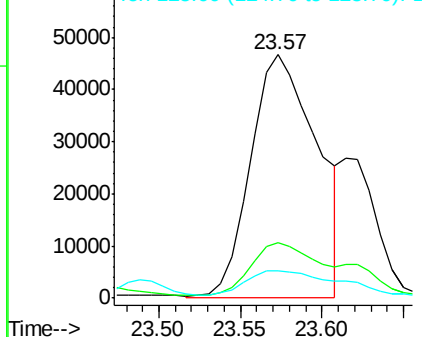


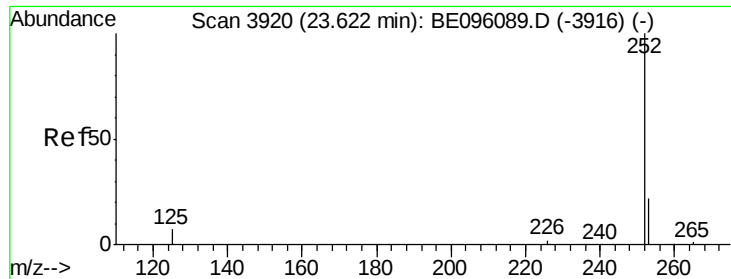
Abundance

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





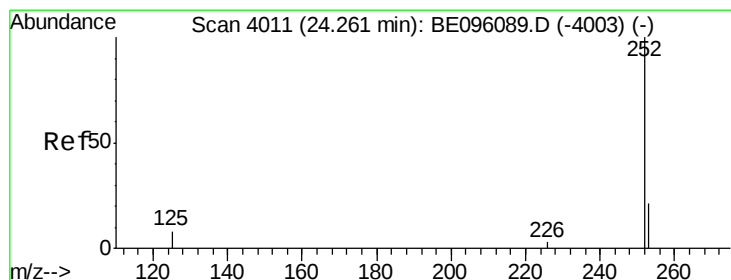
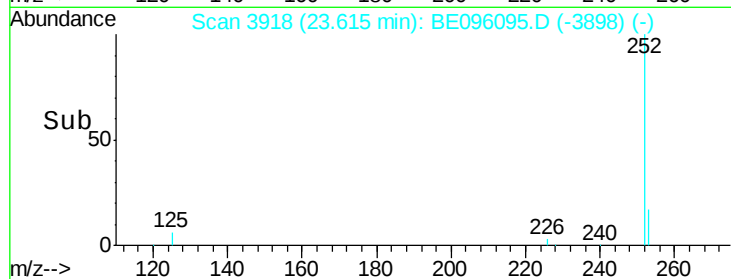
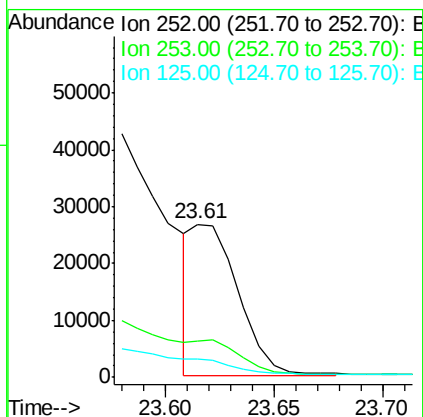
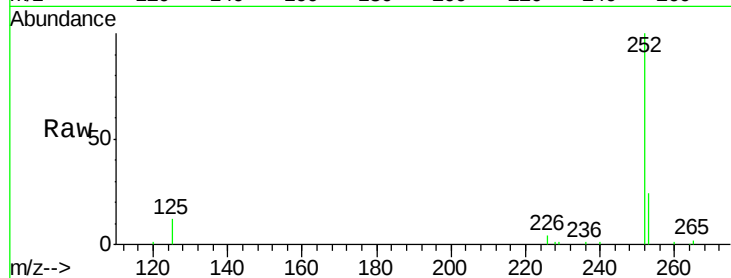
#22
Benzo(k)fluoranthene
Concen: 1.616 ng/ul m
RT: 23.61 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Instrument :
BNA_E
ClientSampled :
A3Y16

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	12.2	13.7	20.5#

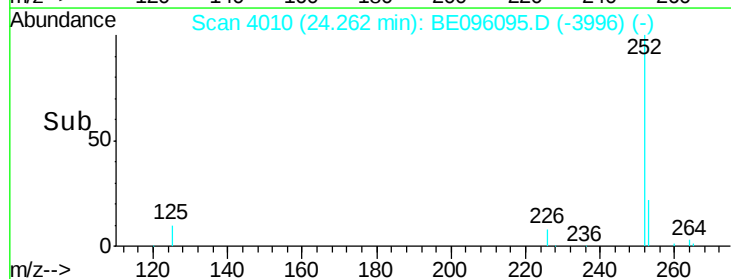
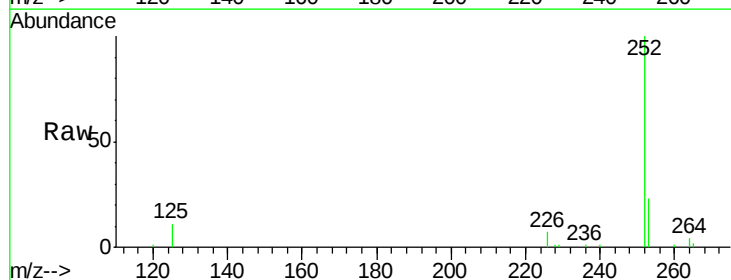
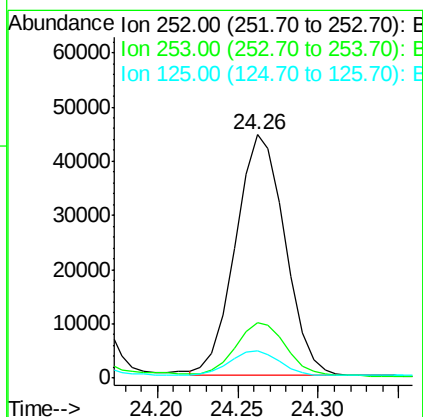
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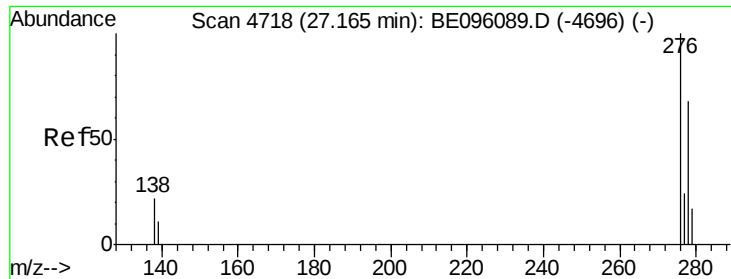
Sohil
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#23
Benzo(a)pyrene
Concen: 3.957 ng/ul m
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	11.3	18.1	27.1#





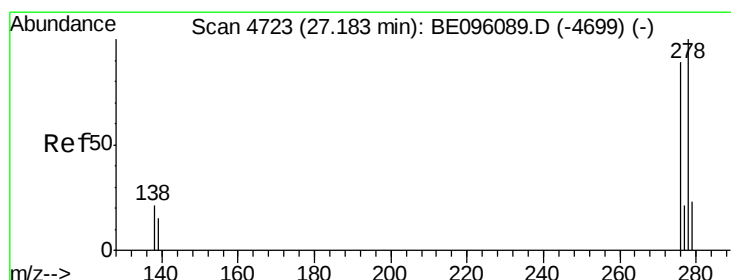
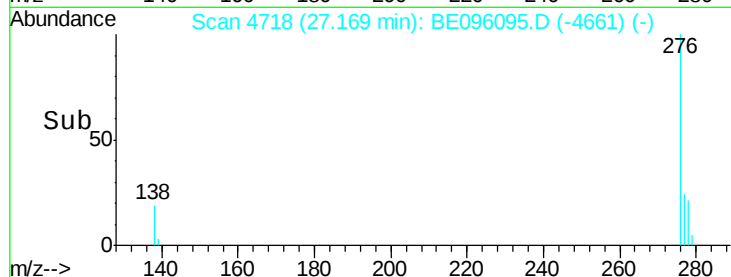
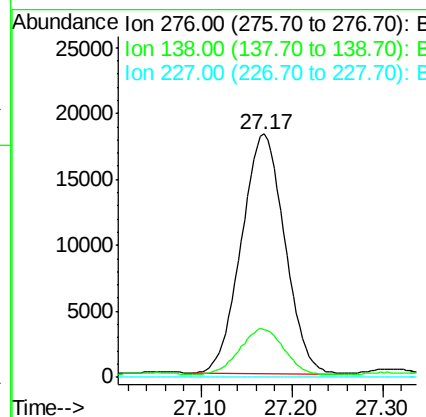
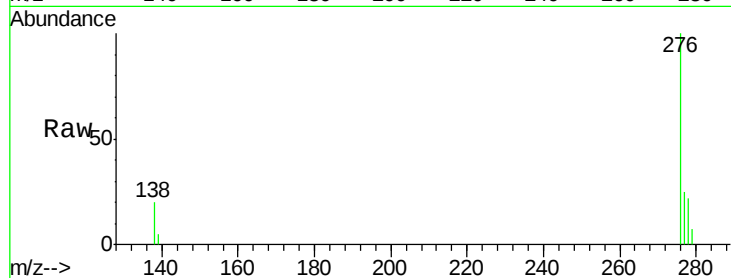
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.264 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Instrument :
BNA_E
ClientSampleId :
A3Y16

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

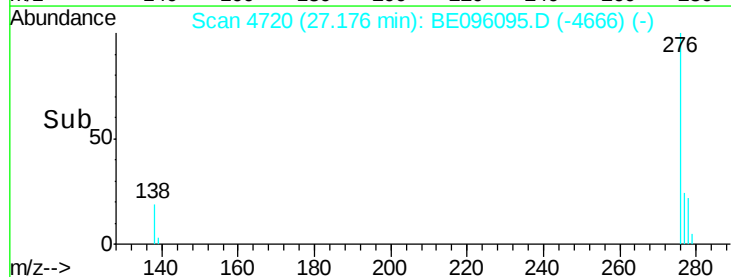
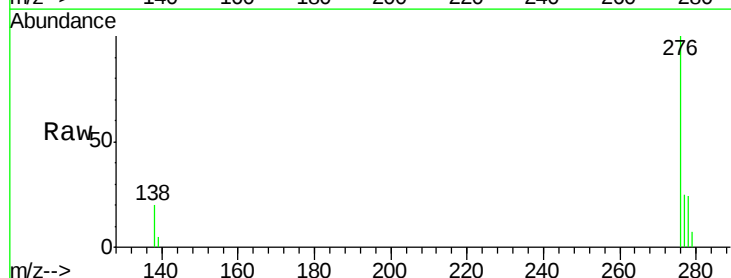
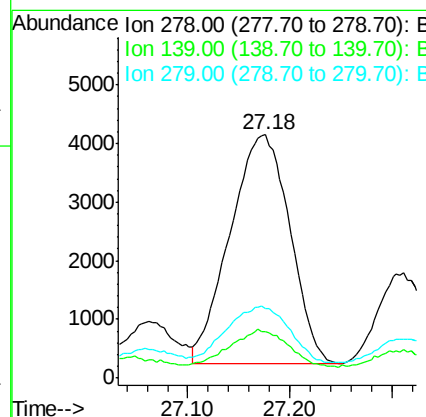
Manual Integrations
APPROVED

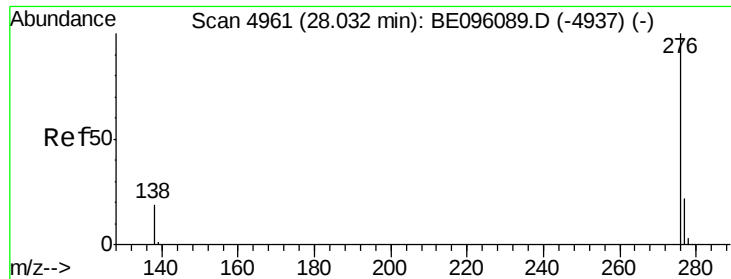
Sohil
4/24/2018 7:10:50 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.745 ng/ul
RT: 27.18 min Scan# 4720
Delta R.T. -0.01 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	17.4	26.0
279	28.8	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 2.143 ng/ul
 RT: 28.04 min Scan# 4962
 Delta R.T. 0.01 min
 Lab File: BE096095.D
 Acq: 23 Apr 2018 21:15

Instrument :
 BNA_E
 ClientSampleId :
 A3Y16

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:50 PM

