

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096099.D
 Acq On : 23 Apr 2018 23:38
 Operator : SJ/JU
 Sample : J2434-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:42:57 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	2082	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3389	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7637m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7174m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6644m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1840	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	5028m	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.25	128	5069	0.311	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	3189	0.289	ng/ul	100
7) Acenaphthylene	14.70	152	2109	0.120	ng/ul	93
8) Acenaphthene	15.03	153	15179	1.204	ng/ul	96
9) Fluorene	15.99	166	7508	0.527	ng/ul#	92
12) Phenanthrene	17.72	178	139536m	6.199	ng/ul	
13) Anthracene	17.80	178	34865m	1.556	ng/ul	
15) Fluoranthene	19.69	202	572306m	18.687	ng/ul	
17) Pyrene	20.04	202	588910	24.158	ng/ul#	78
18) Benzo(a)anthracene	21.75	228	530077m	18.289	ng/ul	
19) Chrysene	21.81	228	493146	23.641	ng/ul	97
21) Benzo(b)fluoranthene	23.58	252	875514m	40.723	ng/ul	
22) Benzo(k)fluoranthene	23.63	252	276201m	12.896	ng/ul	
23) Benzo(a)pyrene	24.28	252	670155m	32.303	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.19	276	472412m	20.490	ng/ul	
25) Dibenzo(a,h)anthracene	27.19	278	123424m	6.648	ng/ul	
26) Benzo(a,h,i)perylene	28.07	276	480538m	24.952	ng/ul	

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

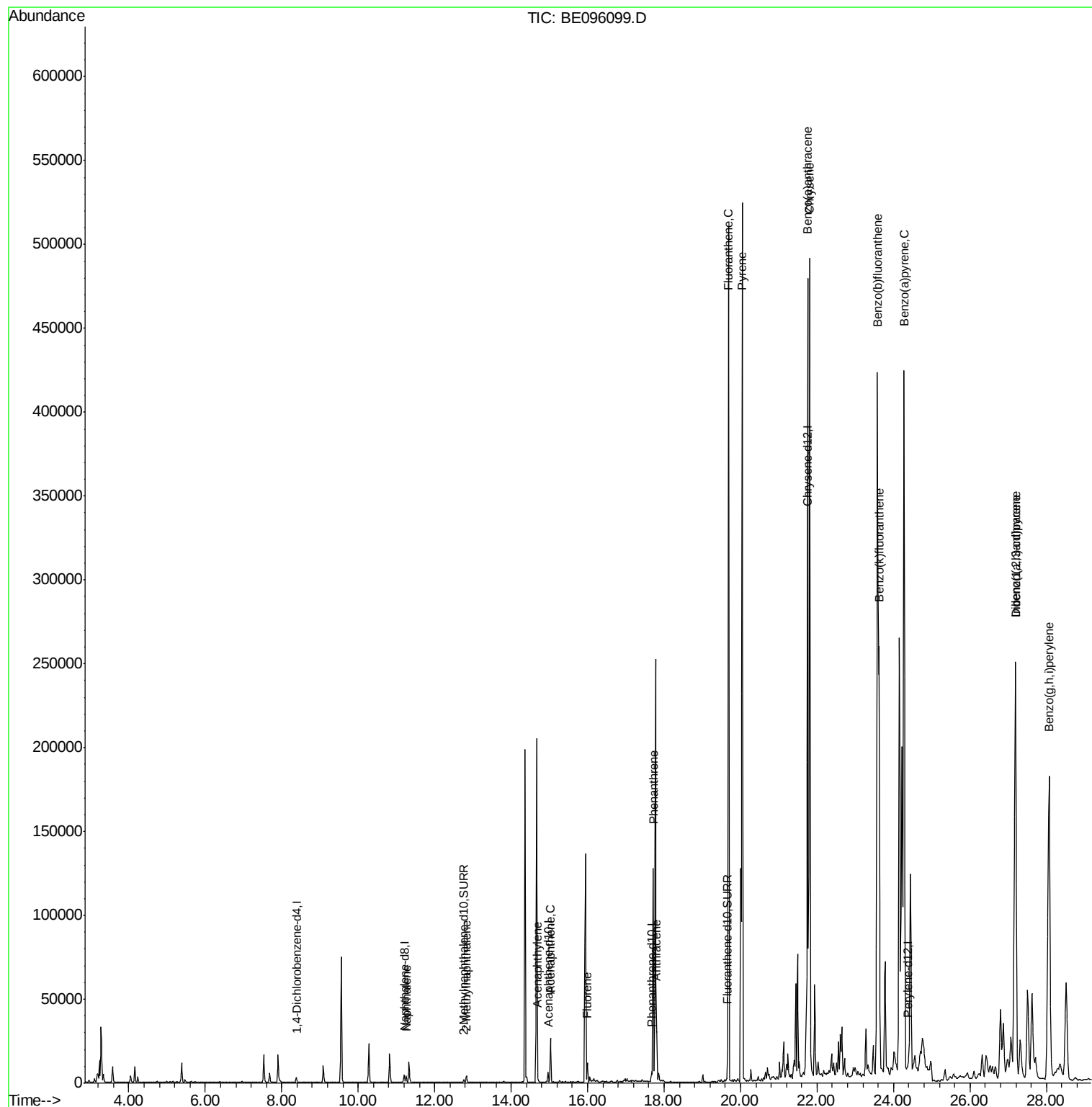
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096099.D
Acq On : 23 Apr 2018 23:38
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Sample : J2434-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

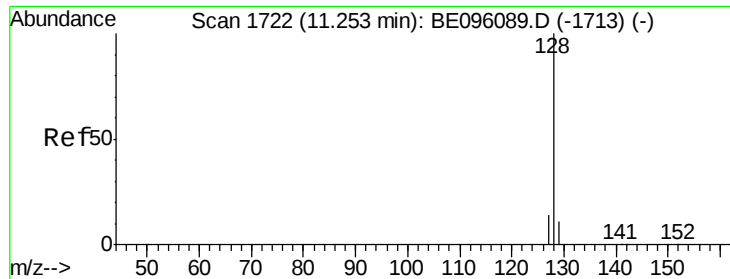
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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QLast Update : Tue Apr 24 06:59:54 2018
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#3

Naphthalene

Concen: 0.311 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

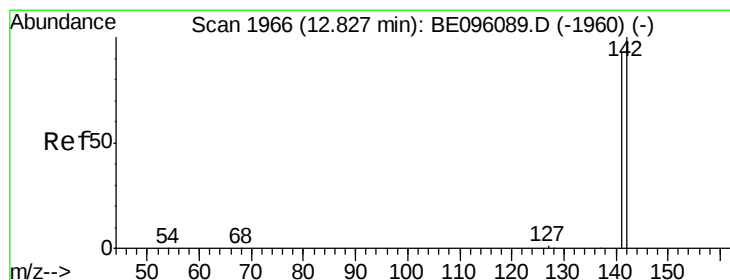
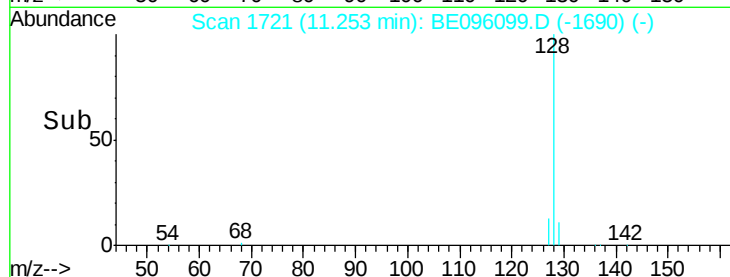
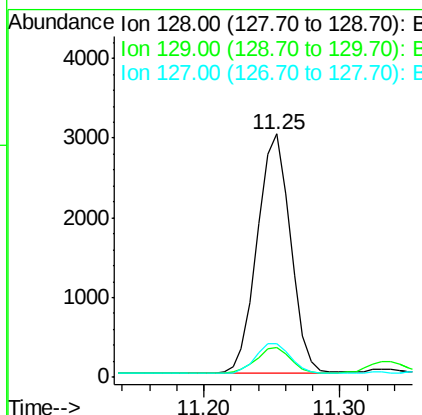
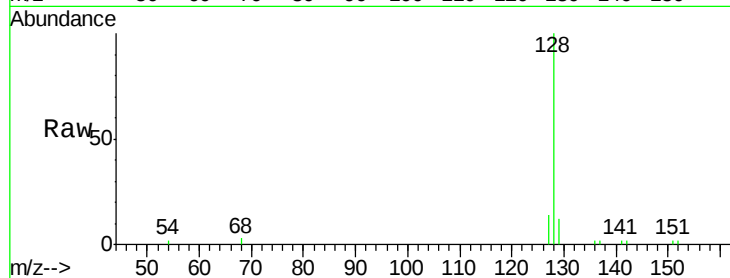
ClientSampleId :

C0AC5

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	14.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.289 ng/ul

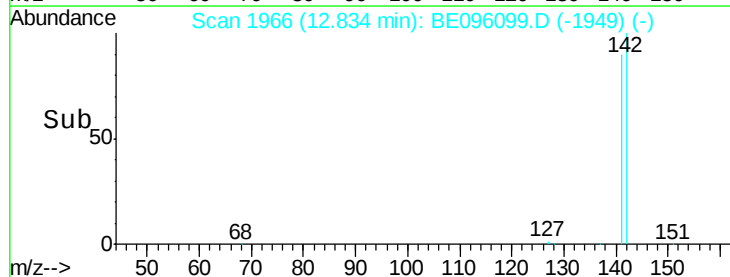
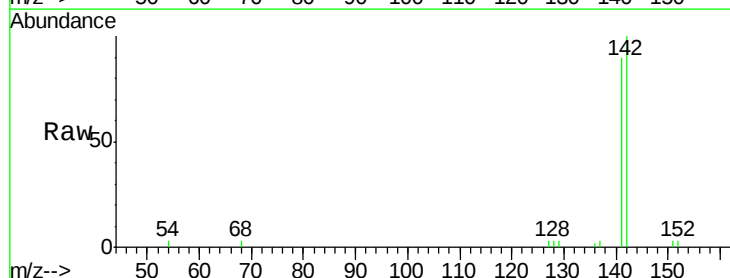
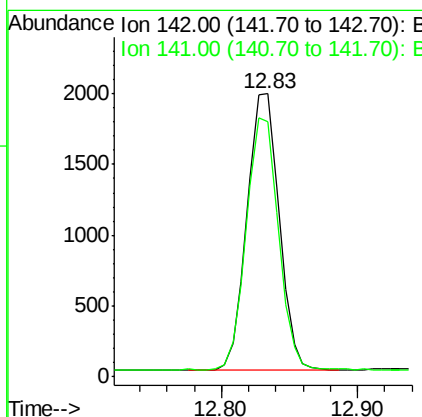
RT: 12.83 min Scan# 1966

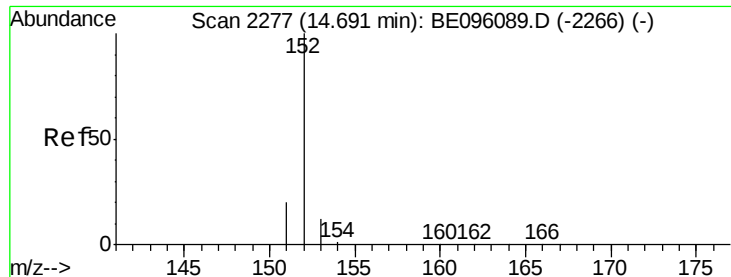
Delta R.T. 0.01 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 14.70 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

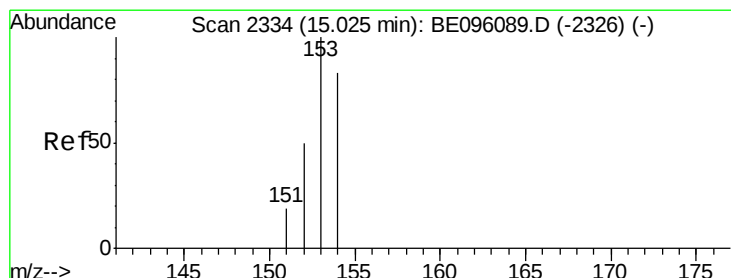
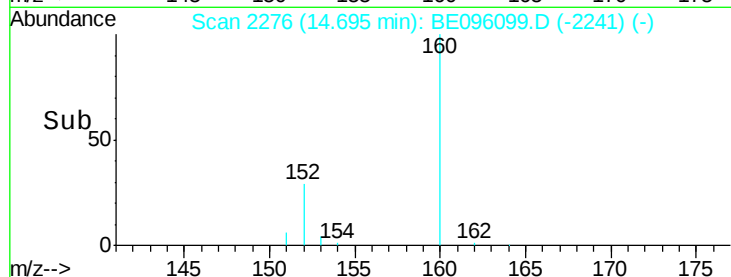
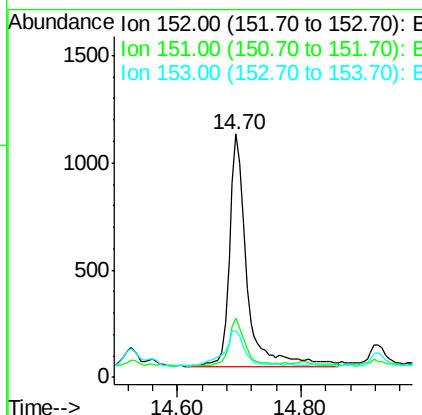
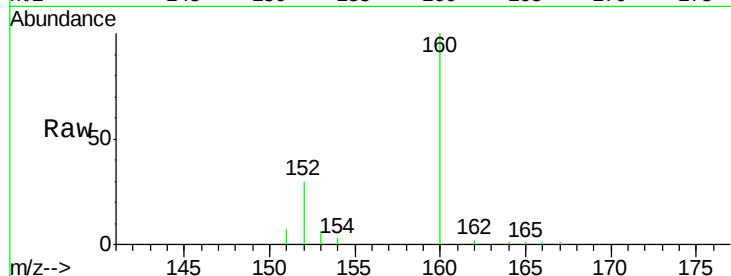
ClientSampled :

C0AC5

Tot Ion:	152	Resp:	2109
Ion Ratio	Lower	Upper	
152	100		
151	24.5	17.1	25.7
153	18.9	12.8	19.2

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#8

Acenaphthene

Concen: 1.204 ng/ul

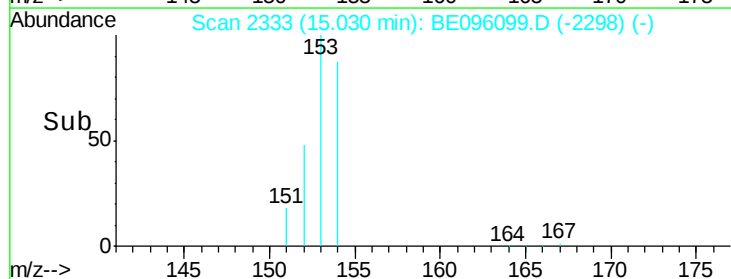
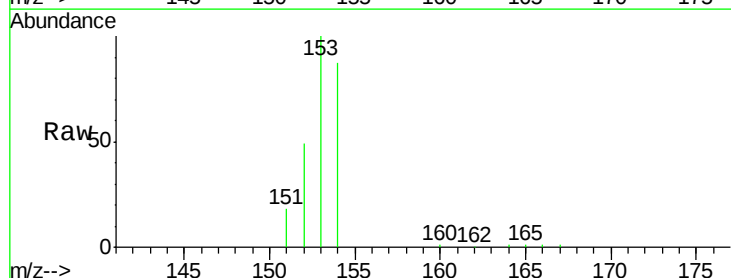
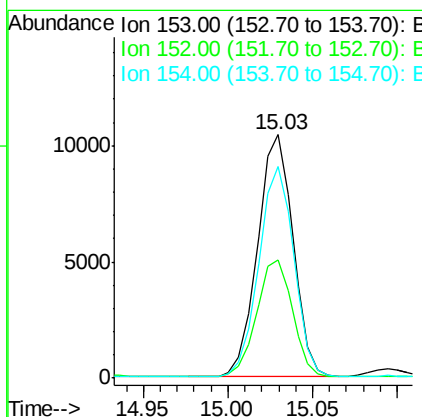
RT: 15.03 min Scan# 2333

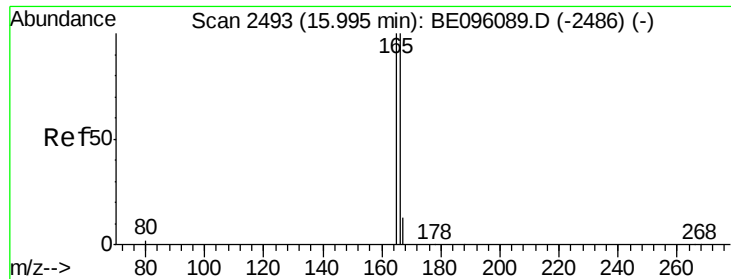
Delta R.T. 0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Tgt Ion:	153	Resp:	15179
Ion Ratio	Lower	Upper	
153	100		
152	48.6	36.0	54.0
154	86.9	72.0	108.0





#9

Fluorene

Concen: 0.527 ng/ul

RT: 15.99 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

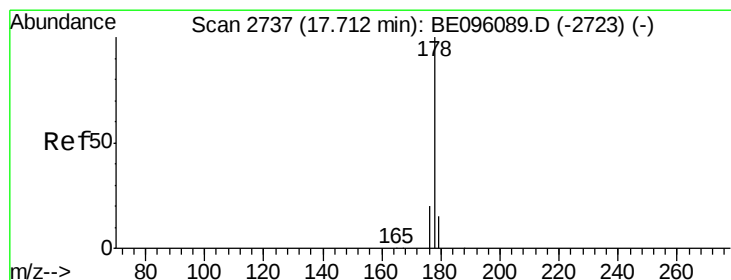
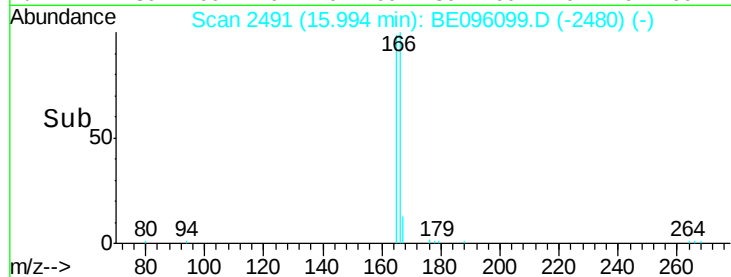
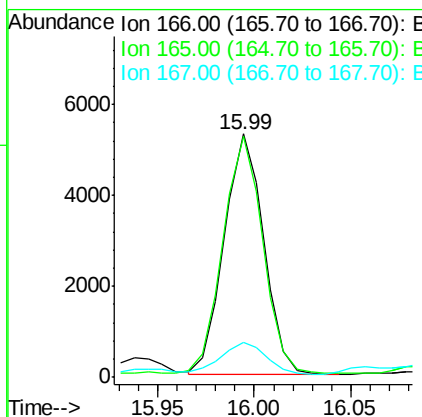
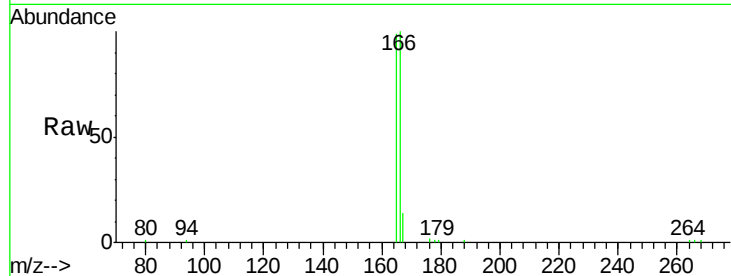
ClientSampleId :

C0AC5

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	73.4	110.2
167	14.5	14.6	22.0

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#12

Phenanthrene

Concen: 6.199 ng/ul m

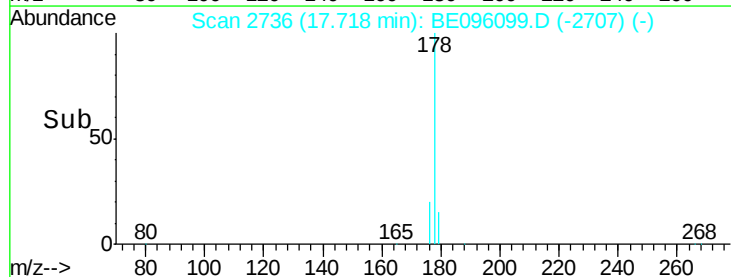
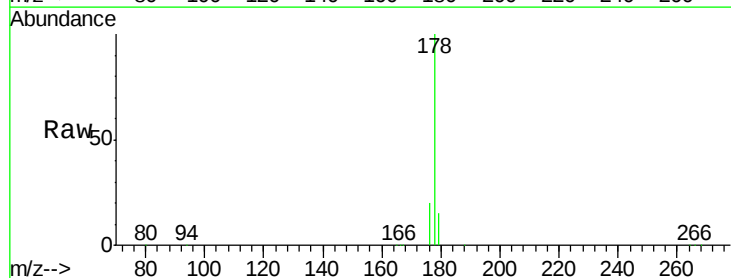
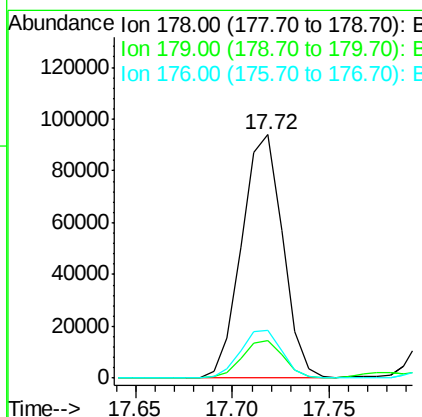
RT: 17.72 min Scan# 2736

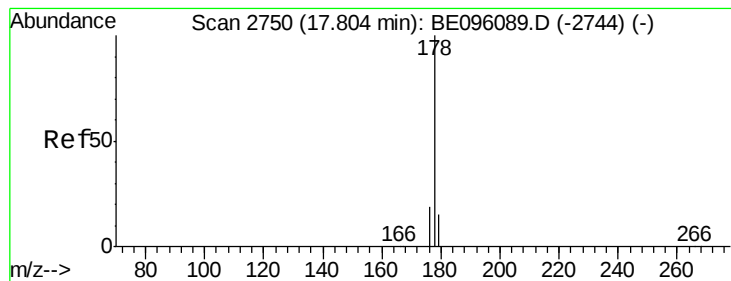
Delta R.T. 0.01 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

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





#13

Anthracene

Concen: 1.556 ng/ul m

RT: 17.80 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5

Tot Ion:178 Resp: 34865

Ion Ratio Lower Upper

178 100

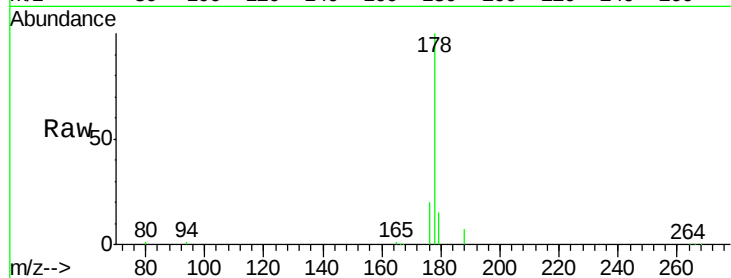
179 15.4 18.1 27.1#

176 19.6 14.7 22.1

Manual Integrations
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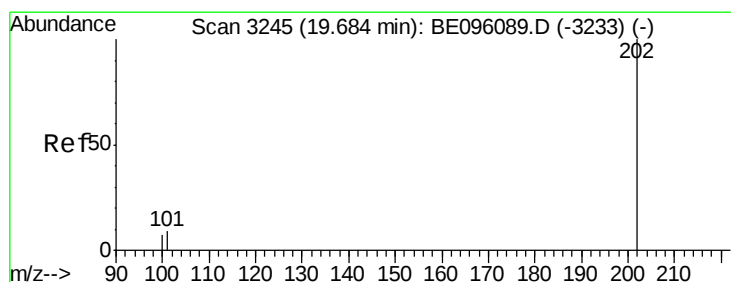
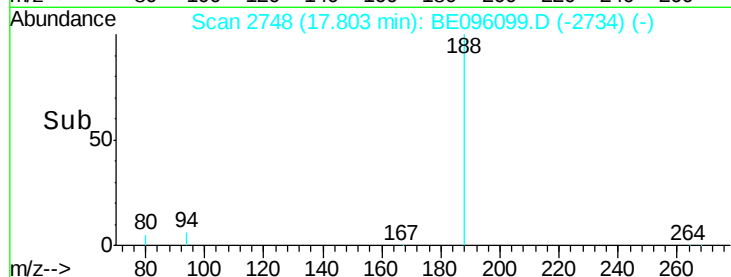
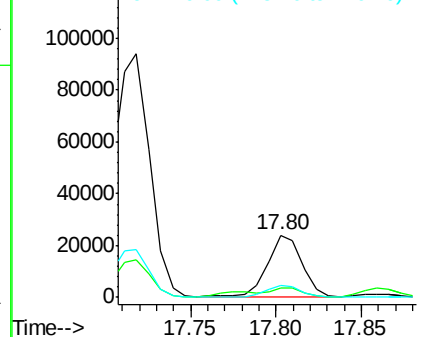
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 18.687 ng/ul m

RT: 19.69 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

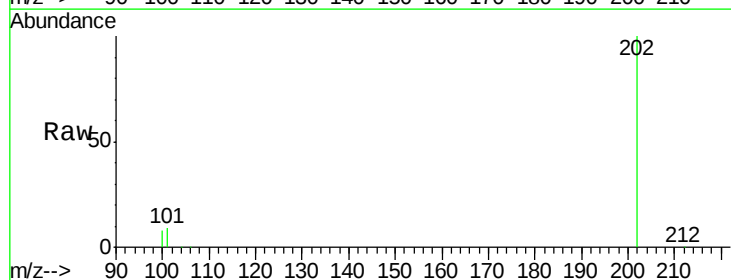
Tgt Ion:202 Resp: 572306

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

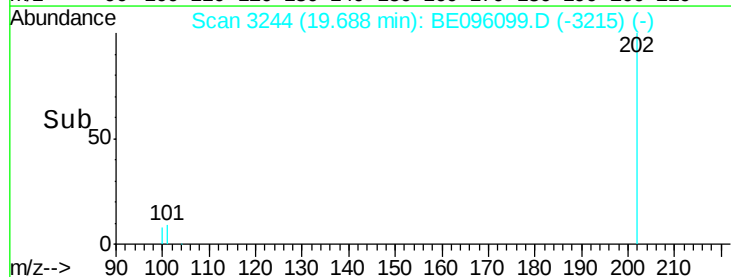
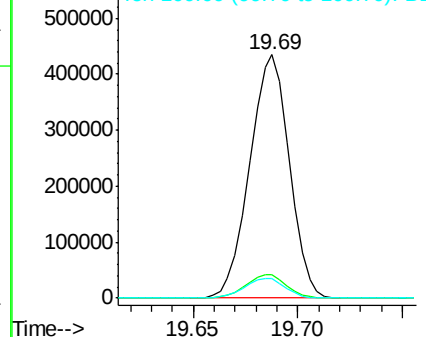
100 7.9 0.0 39.5

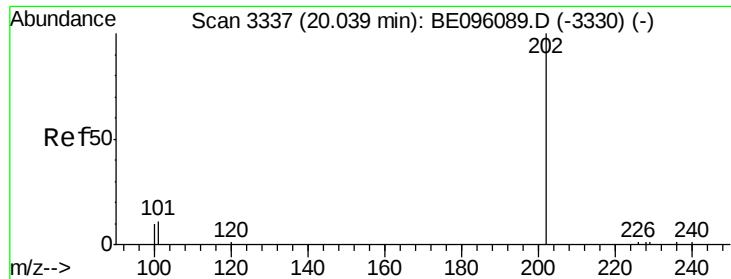


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





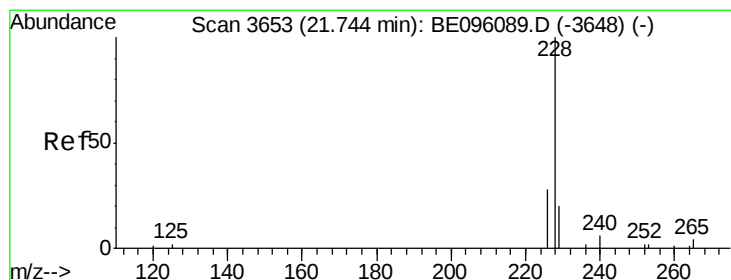
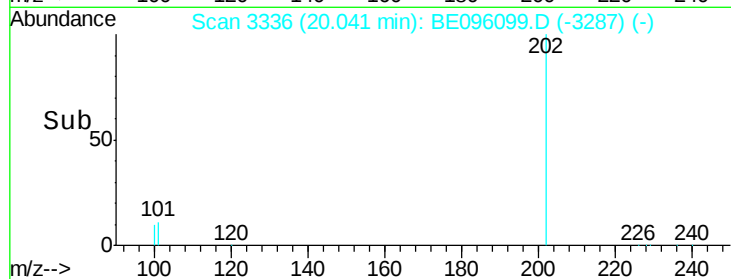
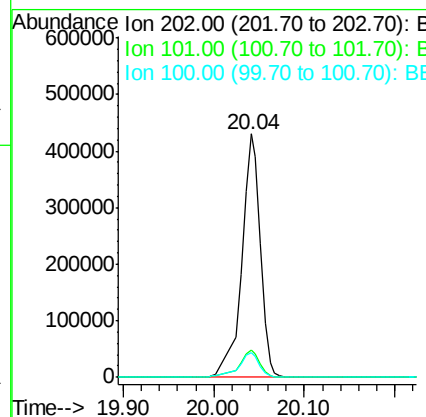
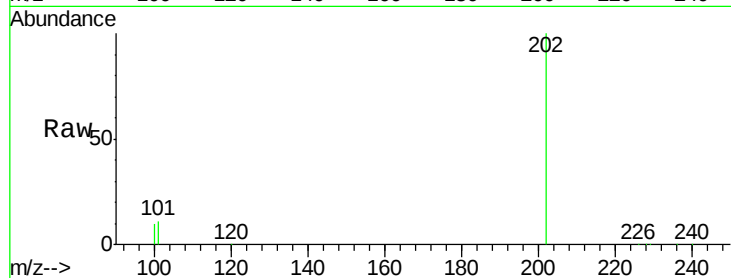
#17
Pvrene
Concen: 24.158 ng/ul
RT: 20.04 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Instrument :
BNA_E
ClientSampled :
C0AC5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	588910		
101	11.4	18.2	27.4#	
100	10.4	15.6	23.4#	

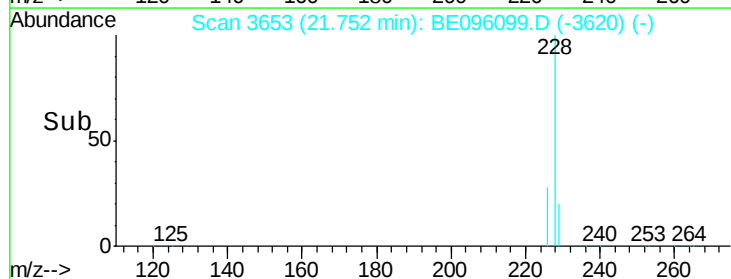
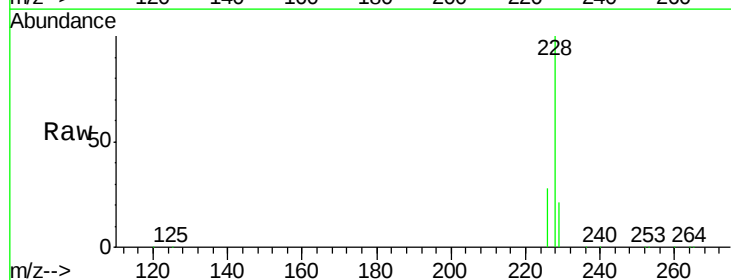
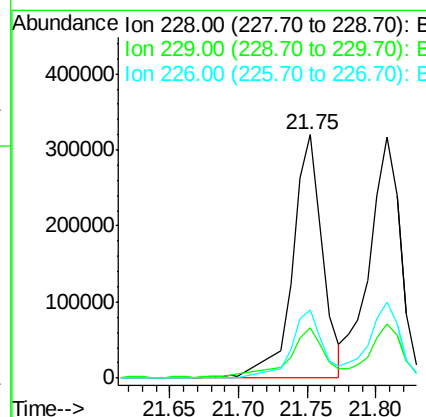
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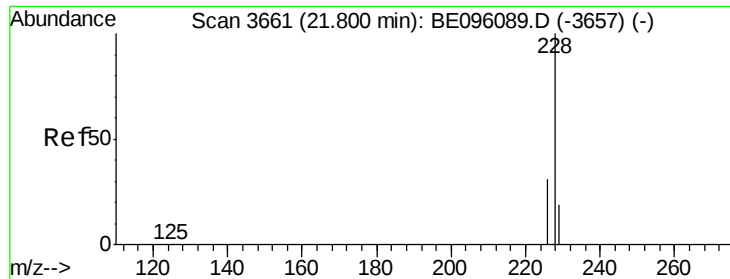
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#18
Benzo(a)anthracene
Concen: 18.289 ng/ul m
RT: 21.75 min Scan# 3653
Delta R.T. 0.01 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	530077		
229	20.7	22.8	34.2#	
226	28.0	17.0	25.6#	





#19

Chrysene

Concen: 23.641 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.01 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampled :

C0AC5

Tot Ion:228 Resp: 493146

Ion Ratio Lower Upper

228 100

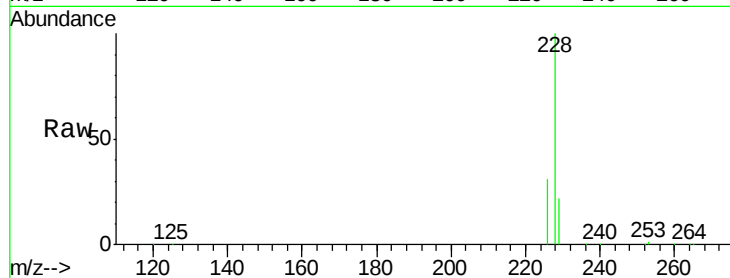
226 31.5 23.4 35.0

229 22.4 17.7 26.5

Manual Integrations
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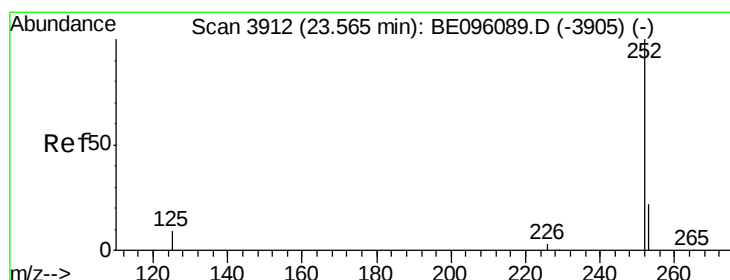
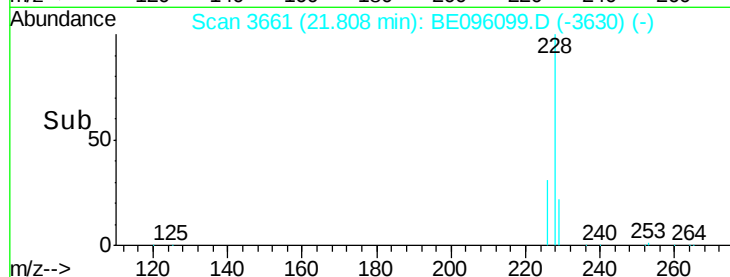
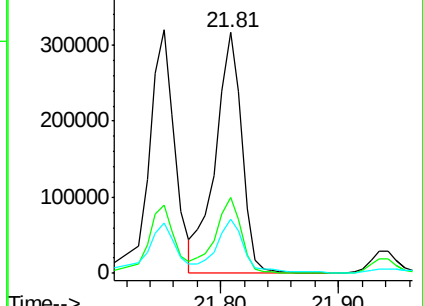
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 40.723 ng/ul m

RT: 23.58 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

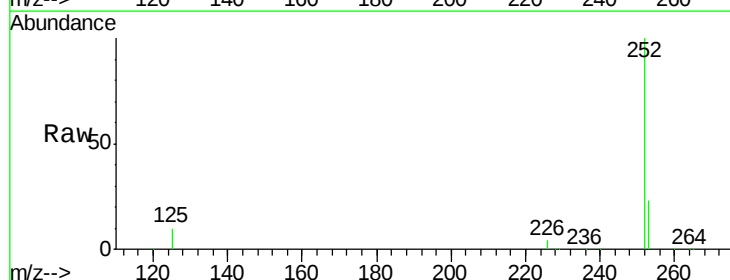
Tgt Ion:252 Resp: 875514

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

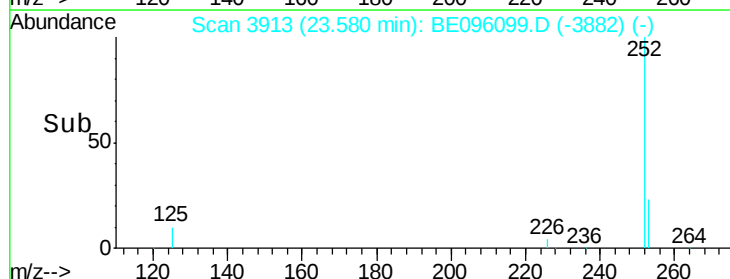
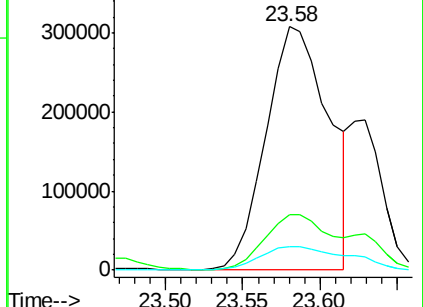
125 9.9 0.0 35.0

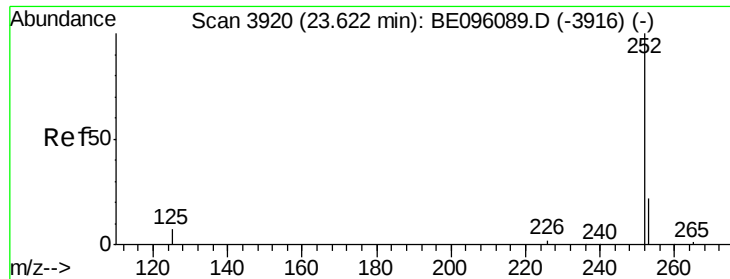


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





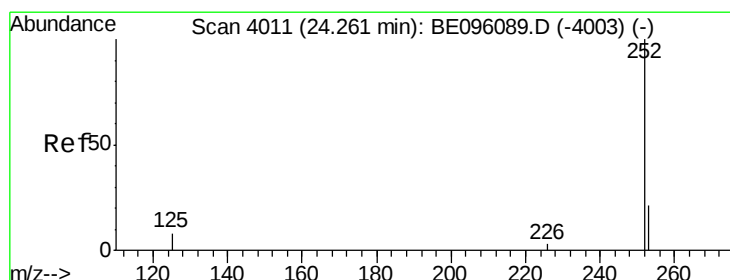
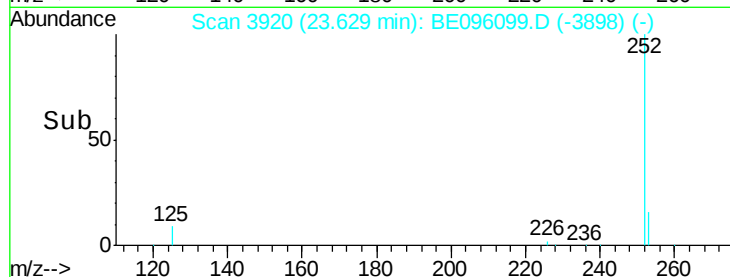
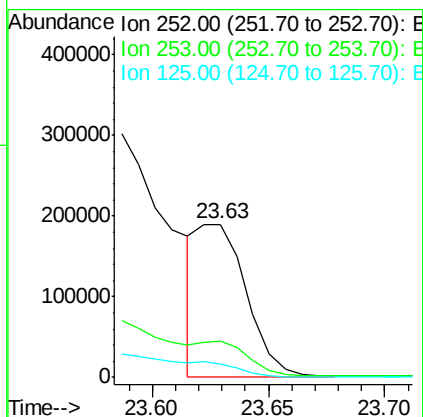
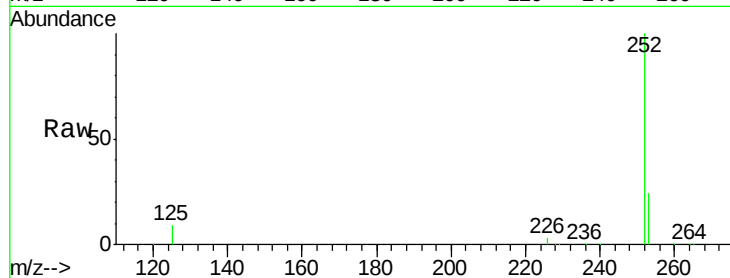
#22
Benzo(k)fluoranthene
Concen: 12.896 ng/ul m
RT: 23.63 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Instrument :
BNA_E
ClientSampled :
C0AC5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	8.9	13.7	20.5#

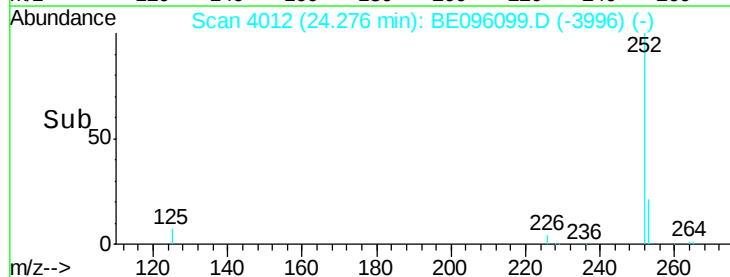
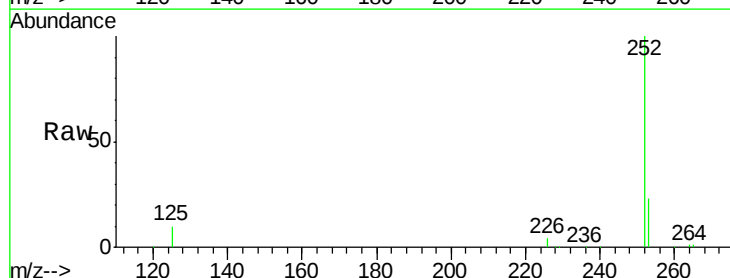
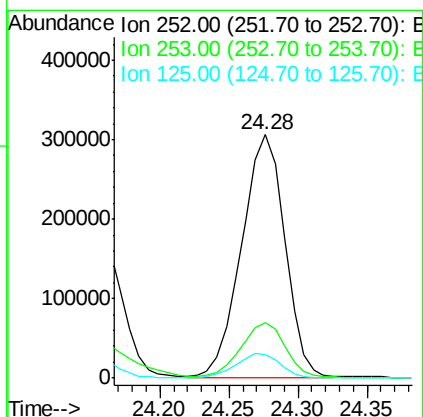
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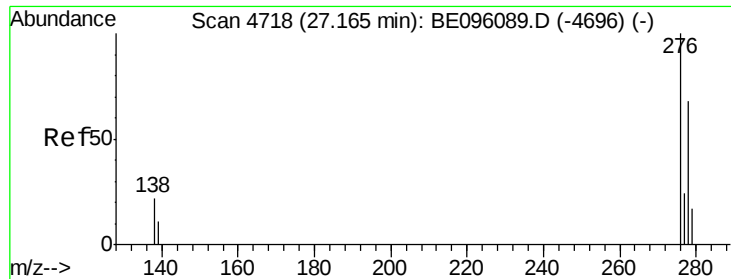
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#23
Benzo(a)pyrene
Concen: 32.303 ng/ul m
RT: 24.28 min Scan# 4012
Delta R.T. 0.01 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	9.8	18.1	27.1#





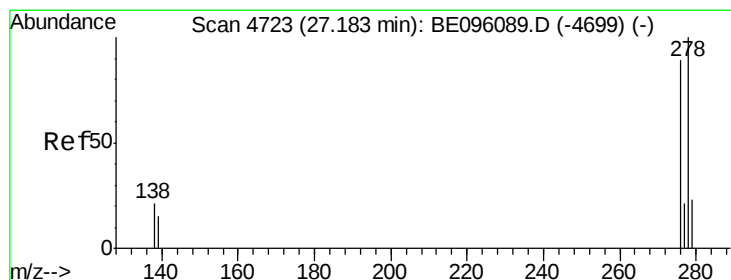
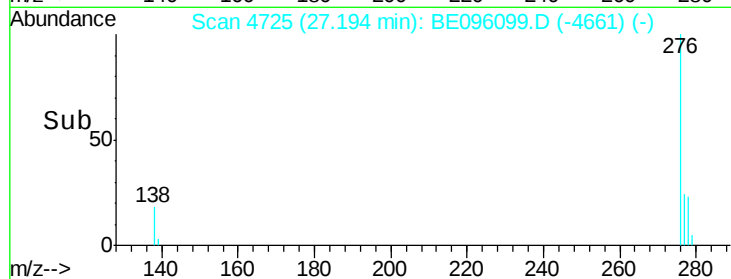
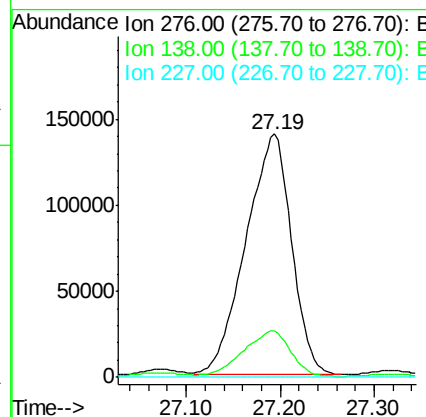
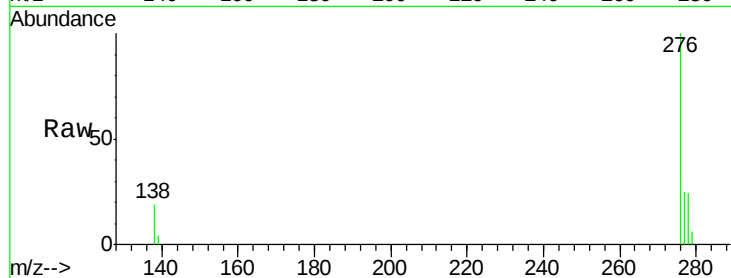
#24
Indeno(1,2,3-cd)pyrene
Concen: 20.490 ng/ul m
RT: 27.19 min Scan# 4725
Delta R.T. 0.03 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Instrument :
BNA_E
ClientSampleId :
C0AC5

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

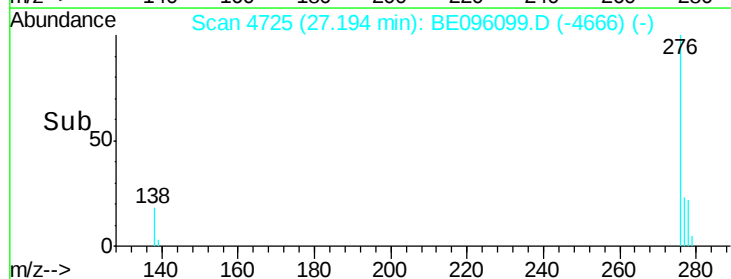
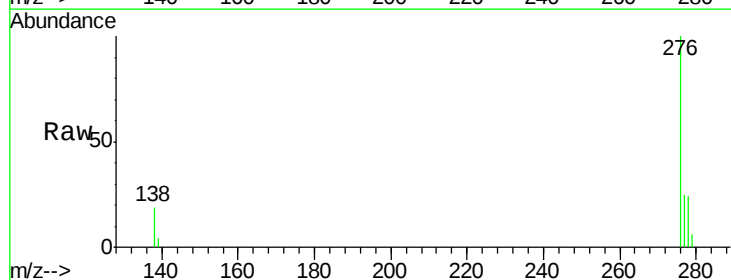
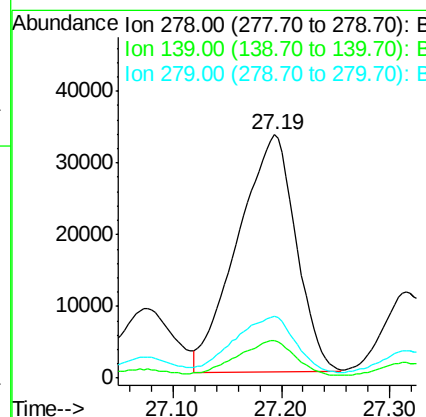
Manual Integrations
APPROVED

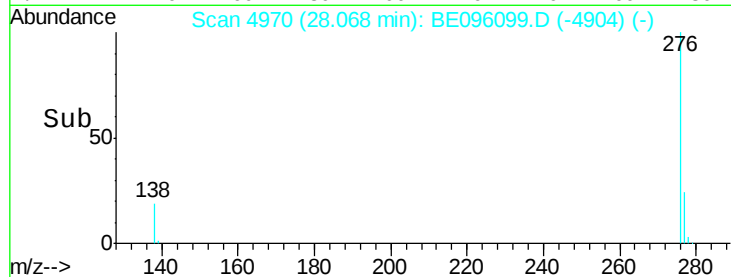
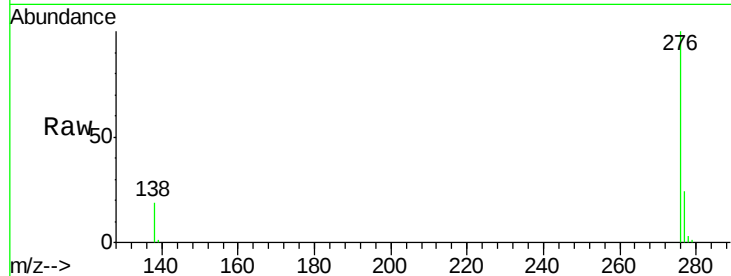
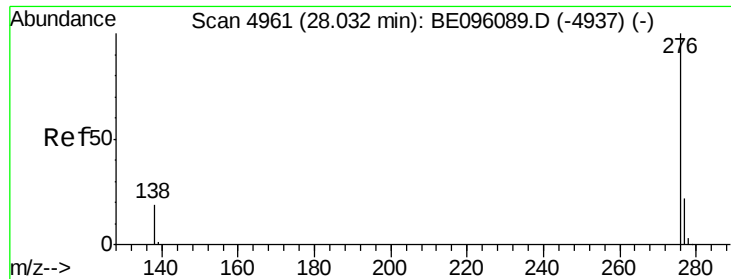
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#25
Dibenzo(a,h)anthracene
Concen: 6.648 ng/ul m
RT: 27.19 min Scan# 4725
Delta R.T. 0.01 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	17.4	26.0#
279	25.4	25.9	38.9#





#26
Benzo(a,h,i)perylene
Concen: 24.952 ng/ul m
RT: 28.07 min Scan# 4970
Delta R.T. 0.04 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	21.8	32.8#
277	24.2	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

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