

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096101.D
 Acq On : 24 Apr 2018 00:49
 Operator : SJ/JU
 Sample : J2434-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB7

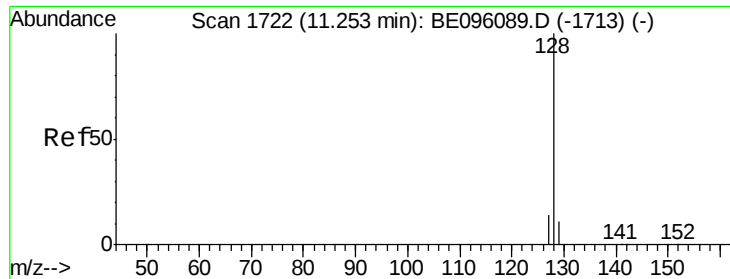
Manual Integrations
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 4/24/2018 7:11:01 PM

Quant Time: Apr 24 14:56:37 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	2365	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6815	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	4053	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	8651m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7697m	0.40	ng/ul	0.00
20) Perylene-d12	24.39	264	7619m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2640	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6762m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	9818	0.516	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	4975	0.386	ng/ul	98
7) Acenaphthylene	14.70	152	20080	0.956	ng/ul	97
8) Acenaphthene	15.03	153	15918	1.056	ng/ul	95
9) Fluorene	16.00	166	22528	1.323	ng/ul#	92
12) Phenanthrene	17.72	178	393935m	15.450	ng/ul	
13) Anthracene	17.81	178	137697m	5.427	ng/ul	
15) Fluoranthene	19.69	202	1034729m	29.825	ng/ul	
17) Pyrene	20.05	202	938226	35.872	ng/ul#	77
18) Benzo(a)anthracene	21.75	228	629654m	20.249	ng/ul	
19) Chrysene	21.81	228	410833	18.357	ng/ul	96
21) Benzo(b)fluoranthene	23.59	252	553286m	22.442	ng/ul	
22) Benzo(k)fluoranthene	23.63	252	211485m	8.611	ng/ul	
23) Benzo(a)pyrene	24.28	252	403576m	16.964	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.19	276	251317m	9.505	ng/ul	
25) Dibenzo(a,h)anthracene	27.19	278	69671m	3.272	ng/ul	
26) Benzo(a,h,i)perylene	28.06	276	214423m	9.709	ng/ul	

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



#3

Naphthalene

Concen: 0.516 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

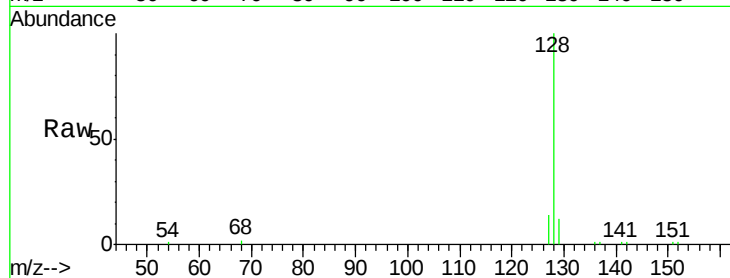
ClientSampleId :

C0AB7

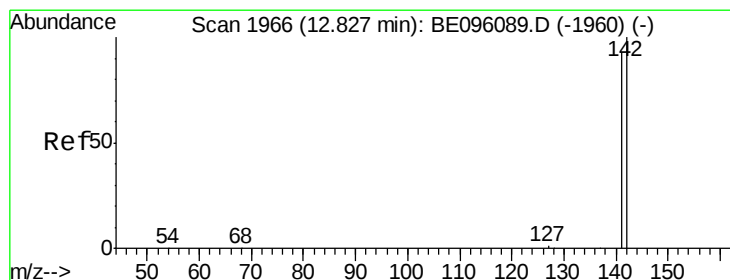
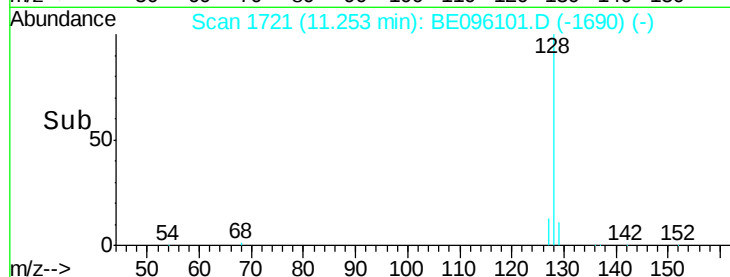
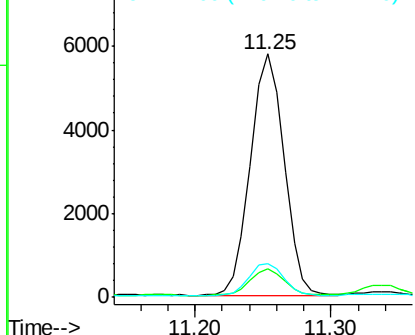
Tot Ion:	128	Resp:	9818
Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	13.7	4.0	6.0#

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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



#5

2-Methylnaphthalene

Concen: 0.386 ng/ul

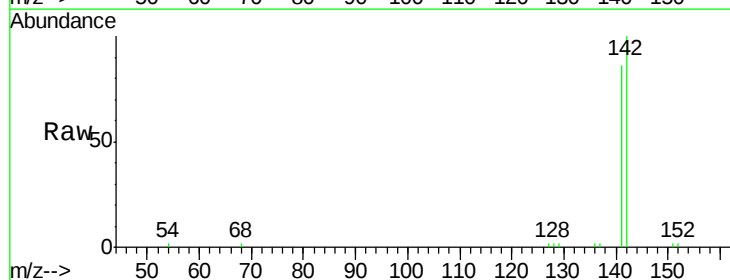
RT: 12.83 min Scan# 1966

Delta R.T. 0.01 min

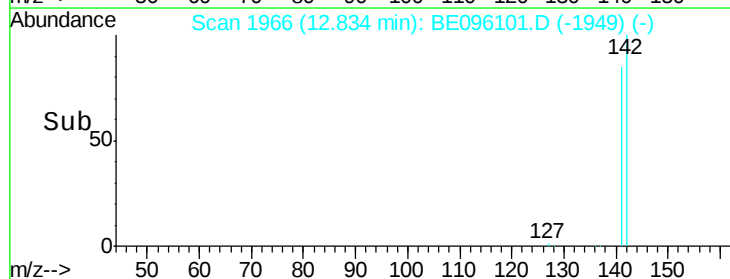
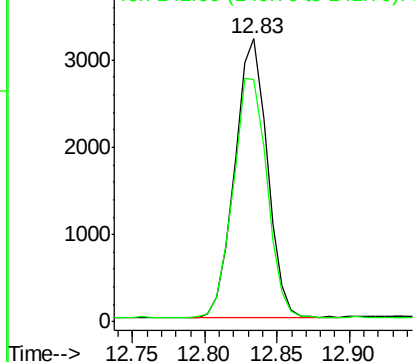
Lab File: BE096101.D

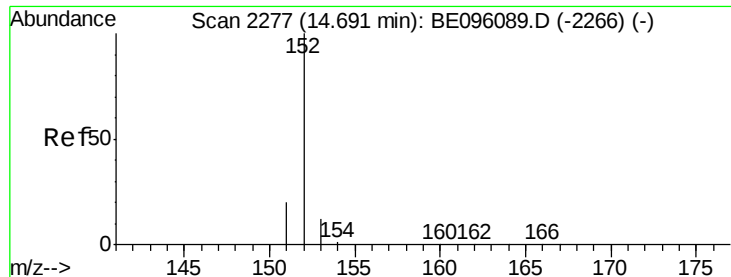
Acq: 24 Apr 2018 00:49

Tgt Ion:	142	Resp:	4975
Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.956 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

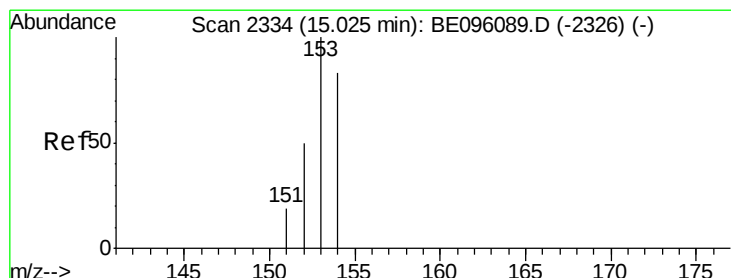
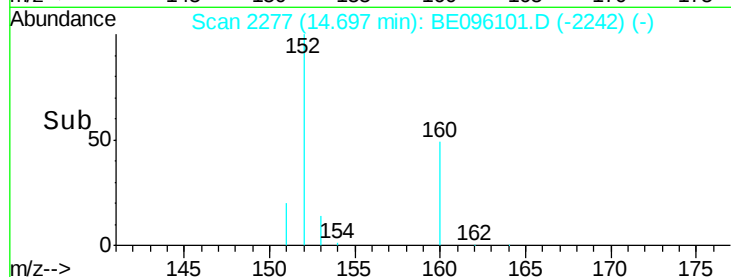
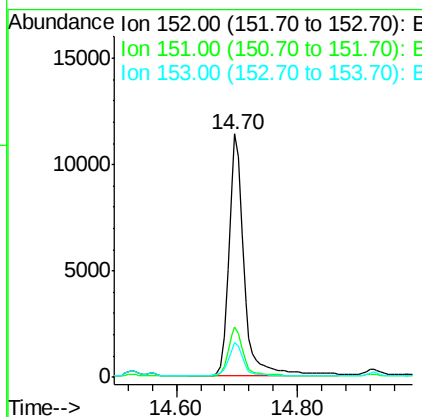
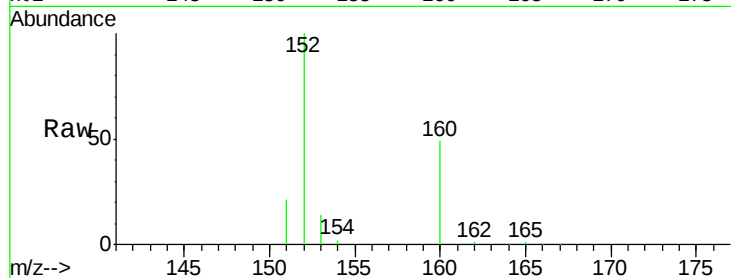
ClientSampleId :

C0AB7

Tot Ion:	152	Resp:	20080
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	14.1	12.8	19.2

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#8

Acenaphthene

Concen: 1.056 ng/ul

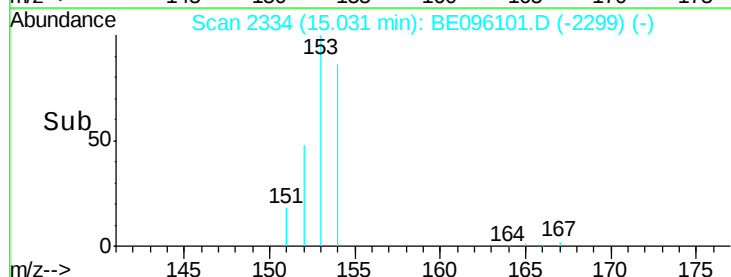
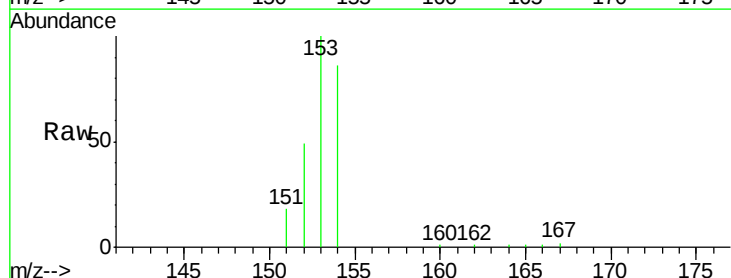
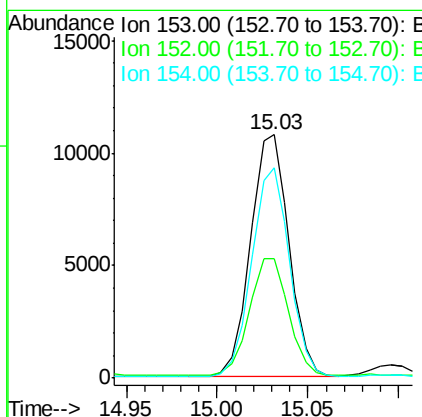
RT: 15.03 min Scan# 2334

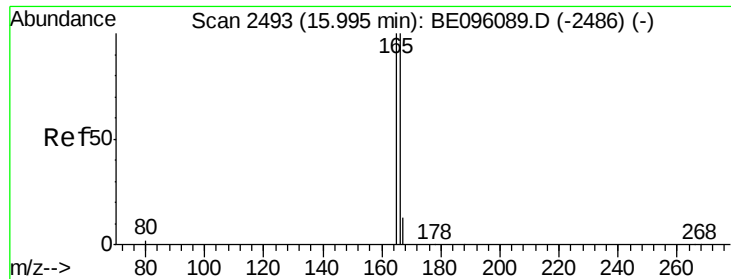
Delta R.T. 0.01 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Tgt Ion:	153	Resp:	15918
Ion Ratio	Lower	Upper	
153	100		
152	49.3	36.0	54.0
154	86.1	72.0	108.0





#9

Fluorene

Concen: 1.323 ng/ul

RT: 16.00 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

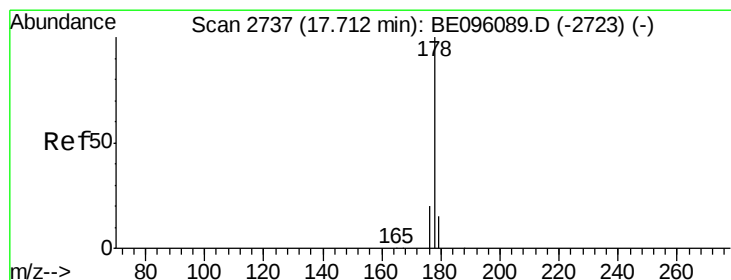
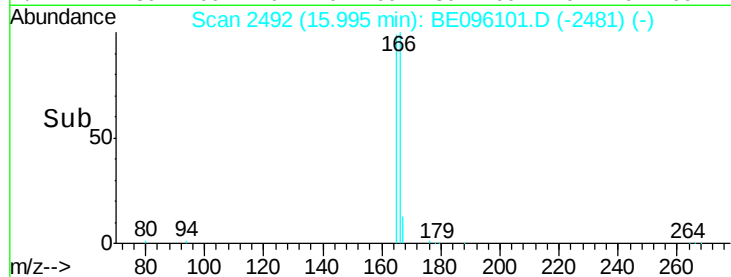
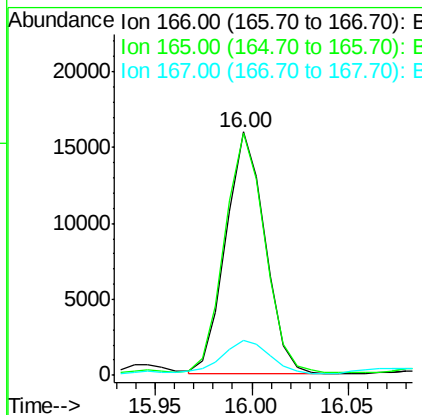
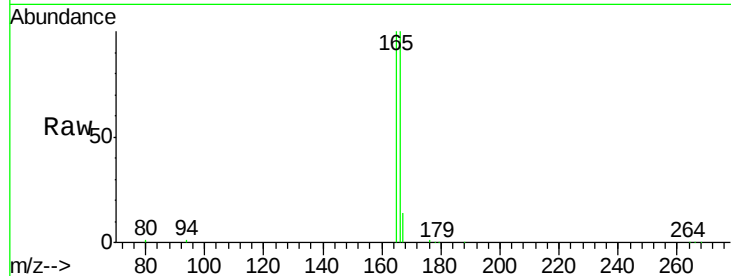
ClientSampleId :

C0AB7

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	73.4	110.2
167	14.3	14.6	22.0

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#12

Phenanthrene

Concen: 15.450 ng/ul m

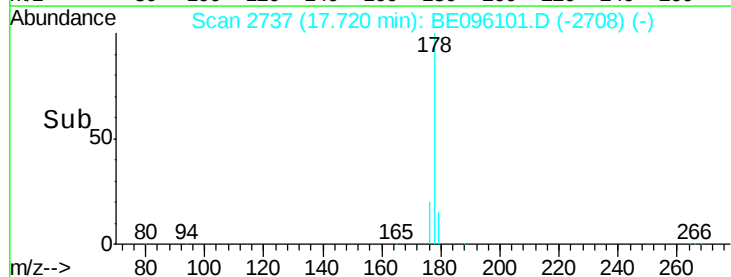
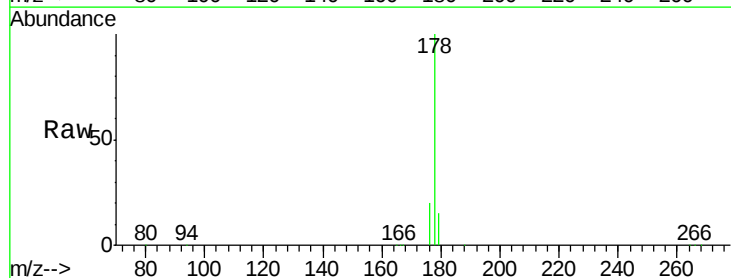
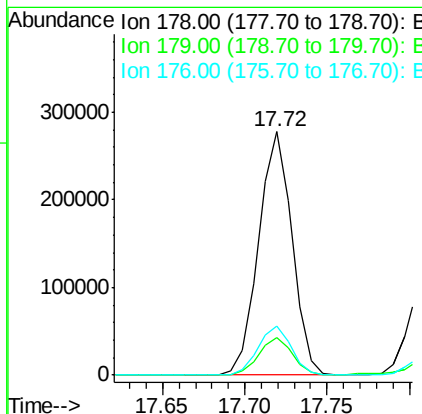
RT: 17.72 min Scan# 2737

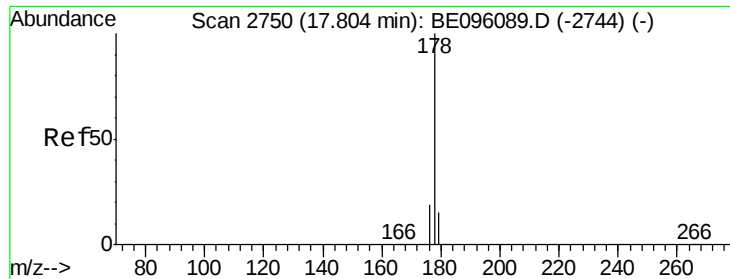
Delta R.T. 0.01 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6
176	20.1	13.6	20.4





#13

Anthracene

Concen: 5.427 ng/ul m

RT: 17.81 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

Tot Ion:178 Resp: 137697

Ion Ratio Lower Upper

178 100

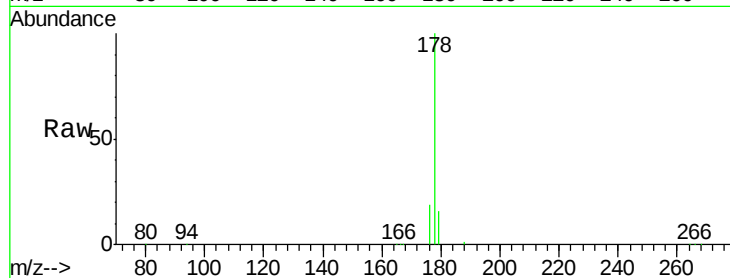
179 15.5 18.1 27.1#

176 18.9 14.7 22.1

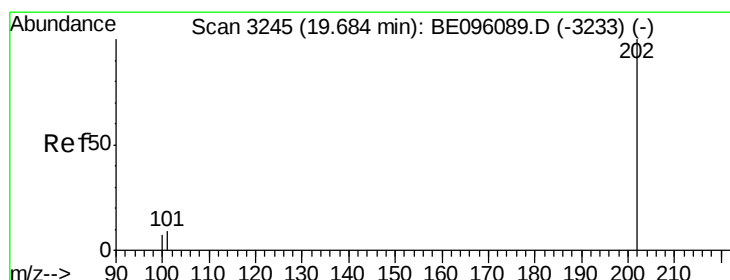
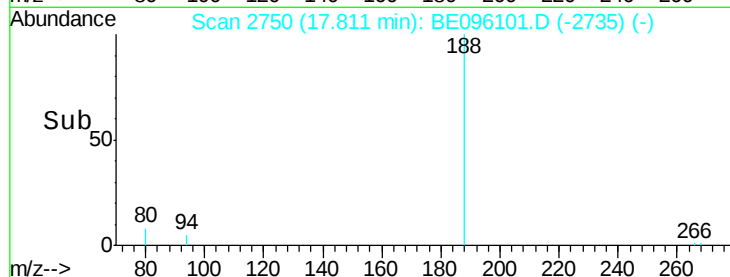
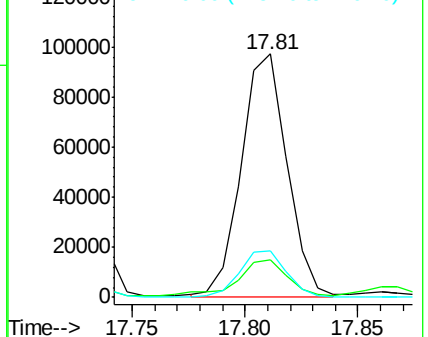
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 29.825 ng/ul m

RT: 19.69 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

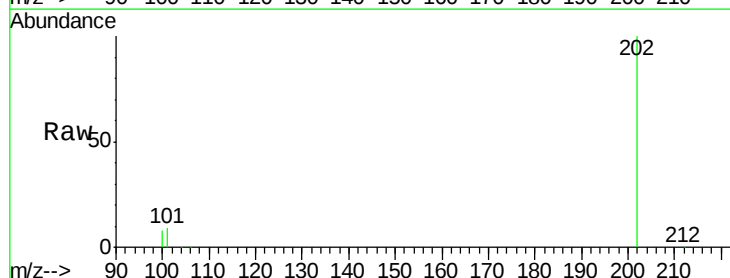
Tgt Ion:202 Resp: 1034729

Ion Ratio Lower Upper

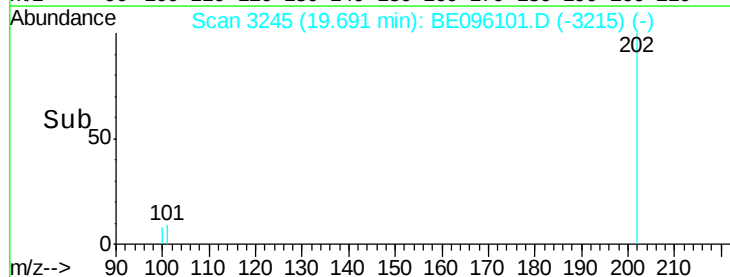
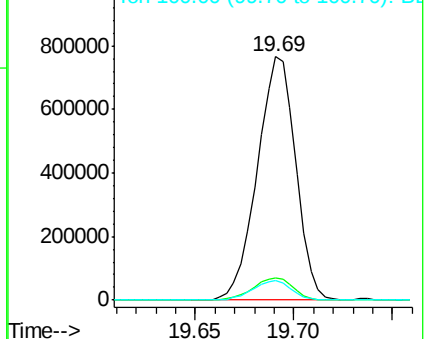
202 100

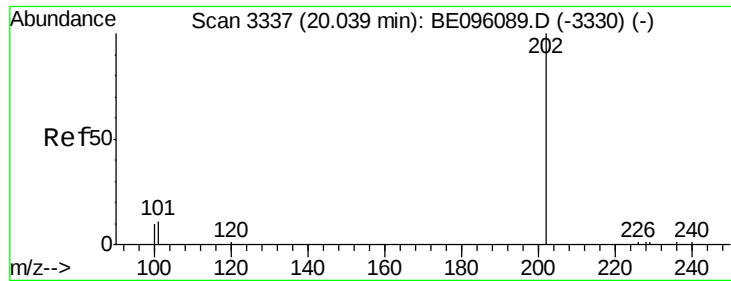
101 9.4 0.0 30.3

100 8.0 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: 35.872 ng/ul

RT: 20.05 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

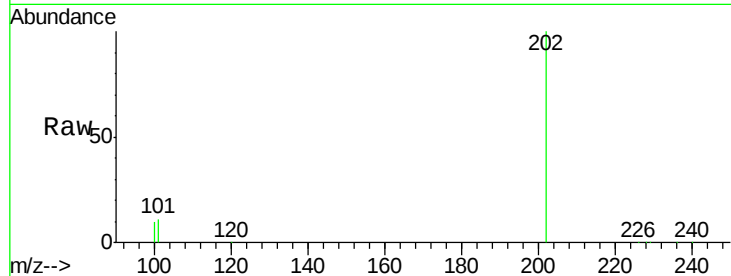
ClientSampleId :

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Tot Ion:	202	Resp:	938226
Ion Ratio	Lower	Upper	
202	100		
101	10.9	18.2	27.4#
100	10.0	15.6	23.4#

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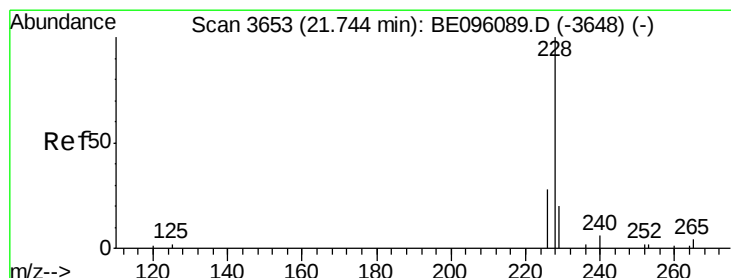
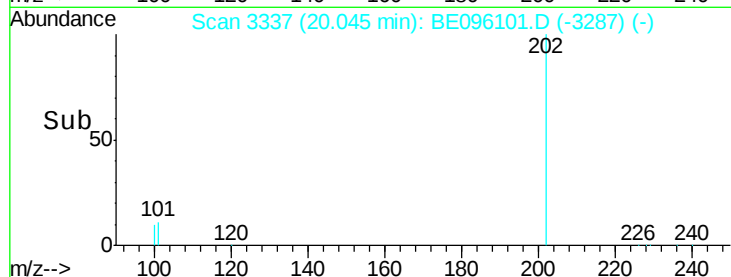
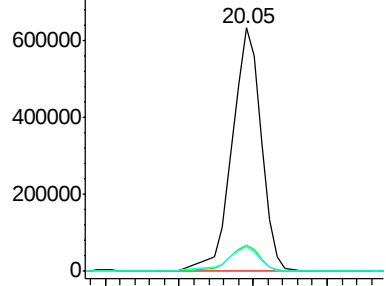
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#18

Benzo(a)anthracene

Concen: 20.249 ng/ul m

RT: 21.75 min Scan# 3653

Delta R.T. 0.01 min

Lab File: BE096101.D

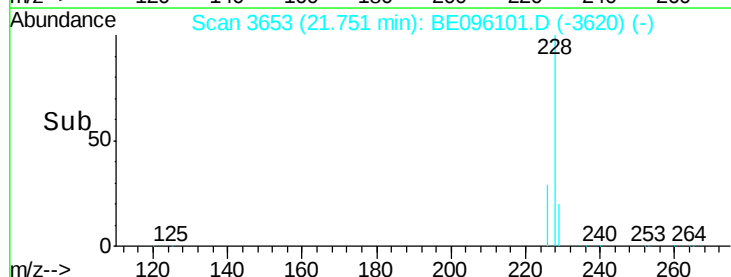
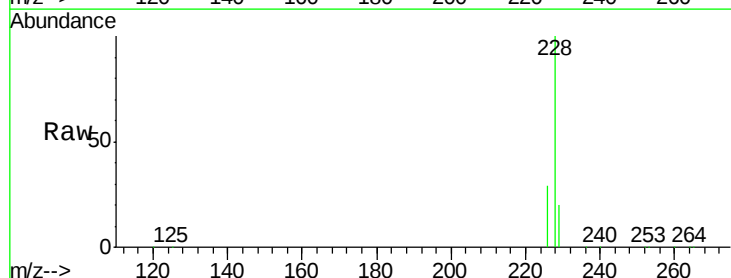
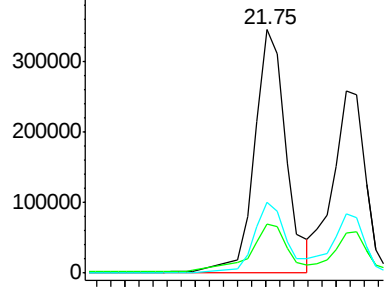
Acq: 24 Apr 2018 00:49

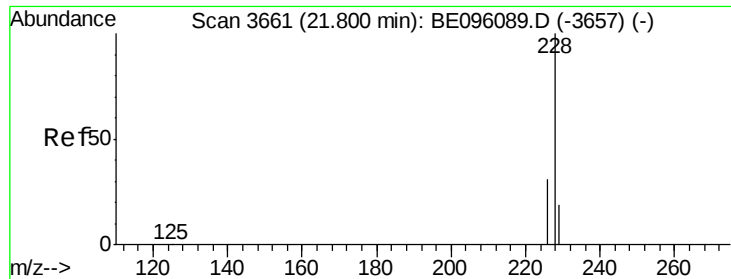
Tgt Ion:	228	Resp:	629654
Ion Ratio	Lower	Upper	
228	100		
229	20.3	22.8	34.2#
226	29.1	17.0	25.6#

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: 18.357 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.01 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

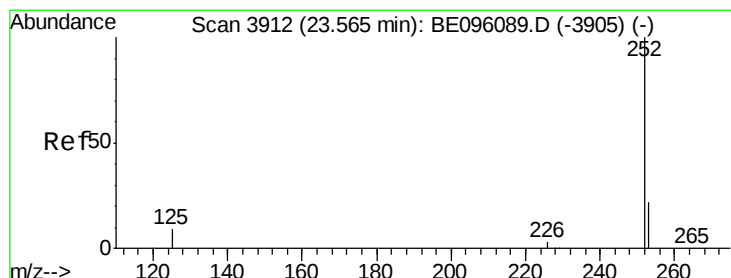
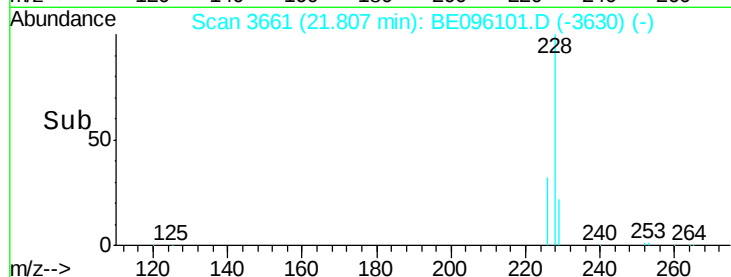
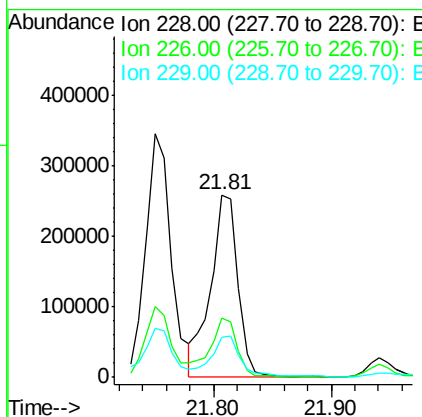
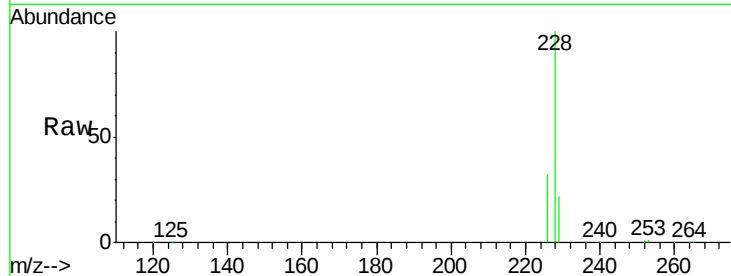
ClientSampled :

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Tot Ion:	228	Resp:	410833
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 22.442 ng/ul m

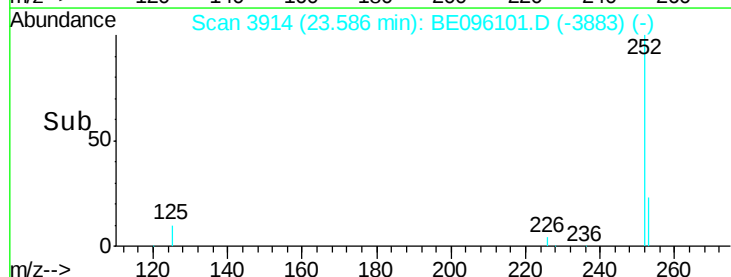
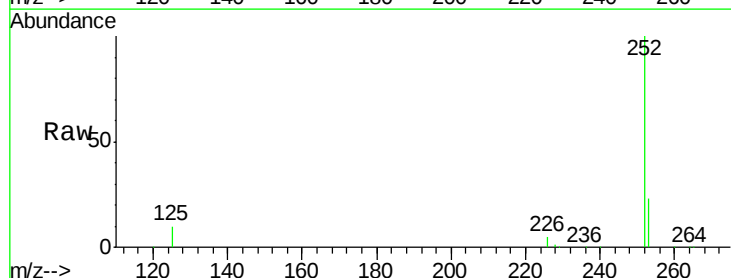
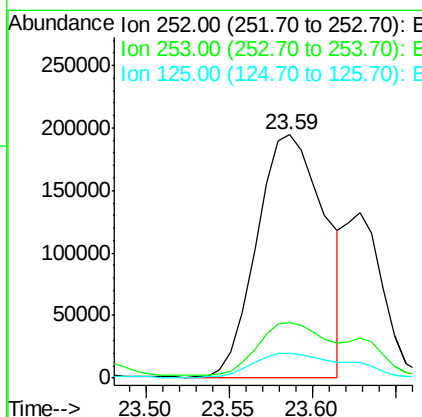
RT: 23.59 min Scan# 3914

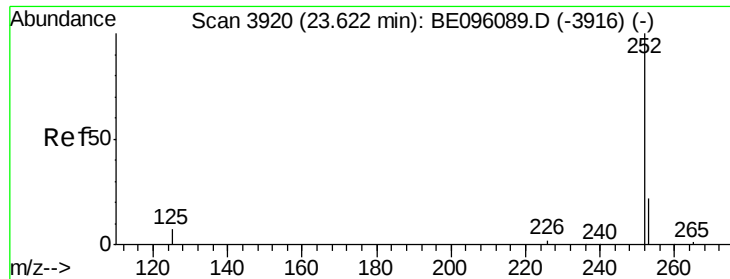
Delta R.T. 0.02 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Tgt Ion:	252	Resp:	553286
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	10.2	0.0	35.0





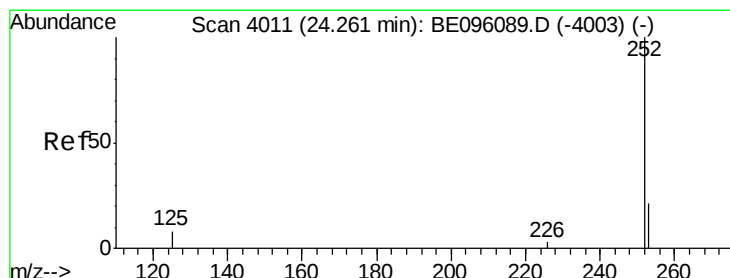
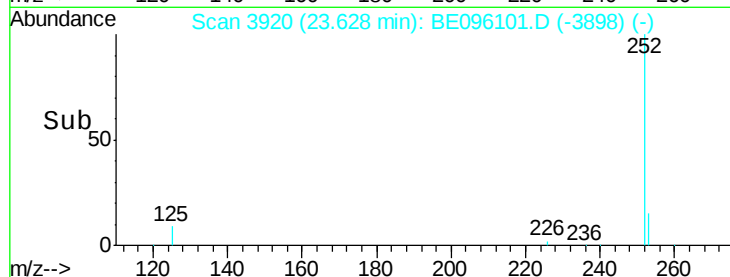
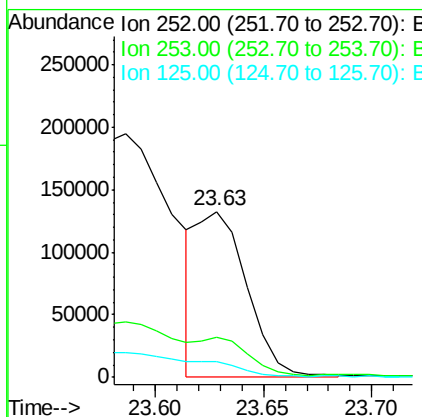
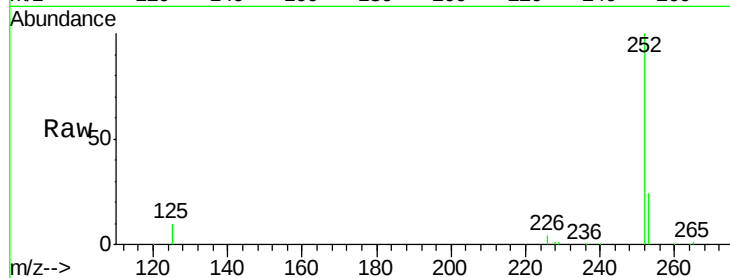
#22
Benzo(k)fluoranthene
Concen: 8.611 ng/ul m
RT: 23.63 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BE096101.D
Acq: 24 Apr 2018 00:49

Instrument :
BNA_E
ClientSampled :
C0AB7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	9.6	13.7	20.5#

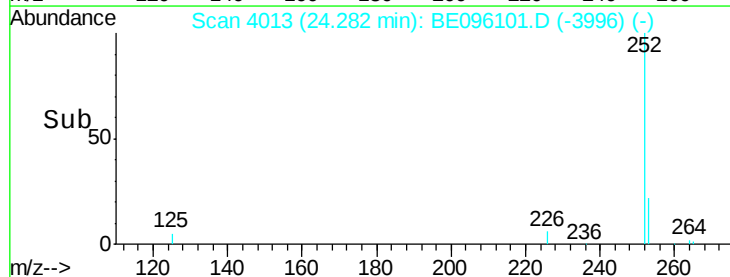
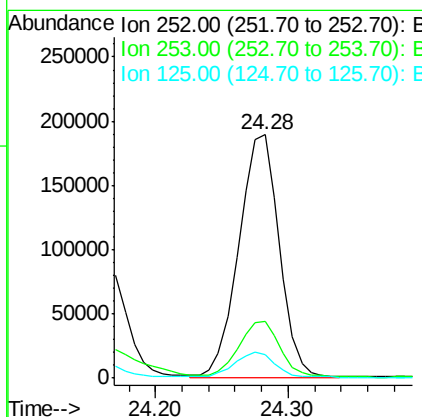
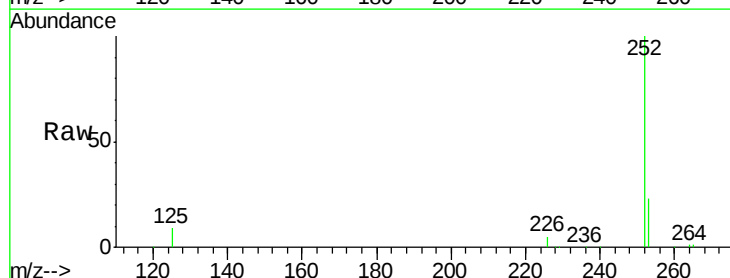
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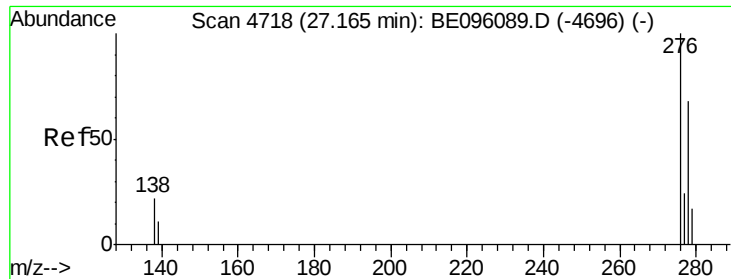
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#23
Benzo(a)pyrene
Concen: 16.964 ng/ul m
RT: 24.28 min Scan# 4013
Delta R.T. 0.02 min
Lab File: BE096101.D
Acq: 24 Apr 2018 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	9.4	18.1	27.1#





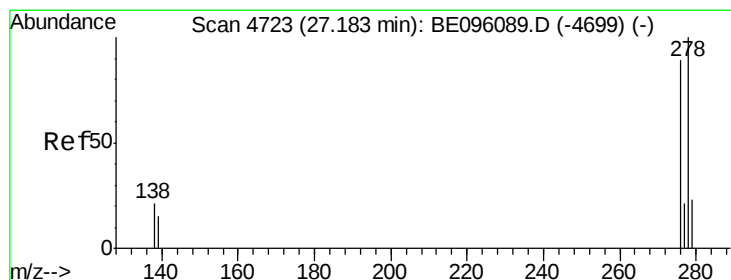
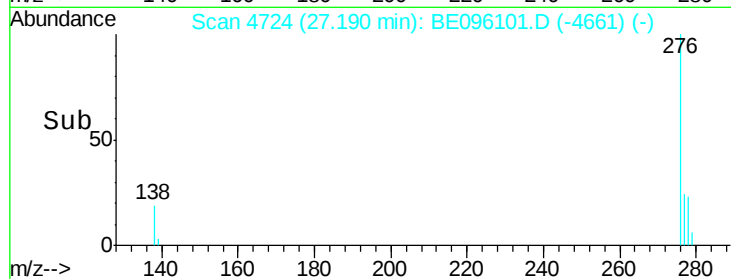
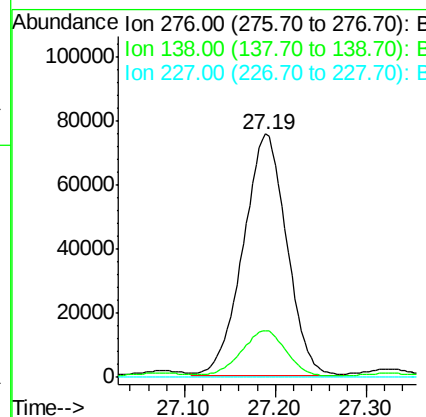
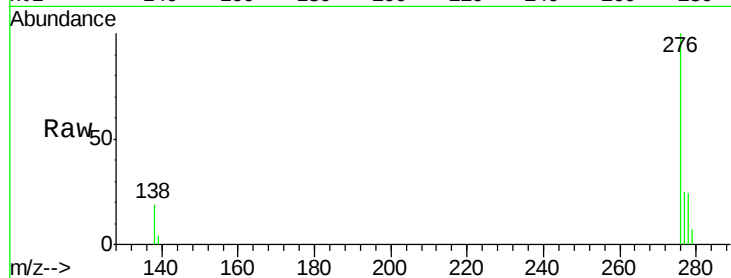
#24
Indeno(1,2,3-cd)pyrene
Concen: 9.505 ng/ul m
RT: 27.19 min Scan# 4724
Delta R.T. 0.02 min
Lab File: BE096101.D
Acq: 24 Apr 2018 00:49

Instrument :
BNA_E
ClientSampled :
C0AB7

Tot Ion	Ratio	Resp	Lower	Upper
276	100	251317		
138	1.3	28.0	42.0#	
227	0.0	8.0	12.0#	

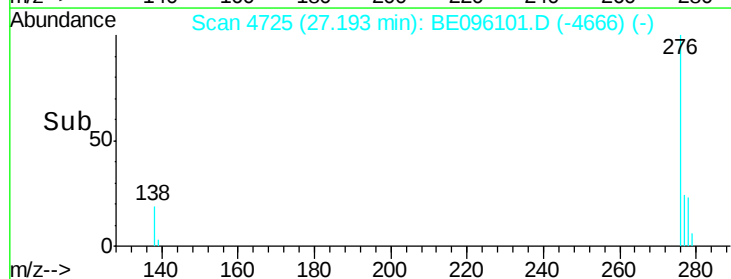
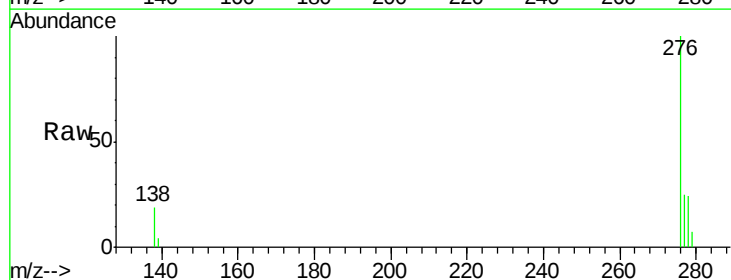
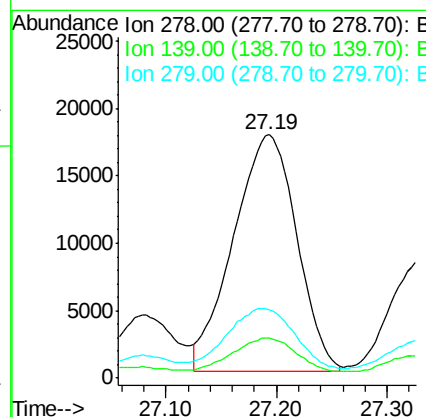
Manual Integrations
APPROVED

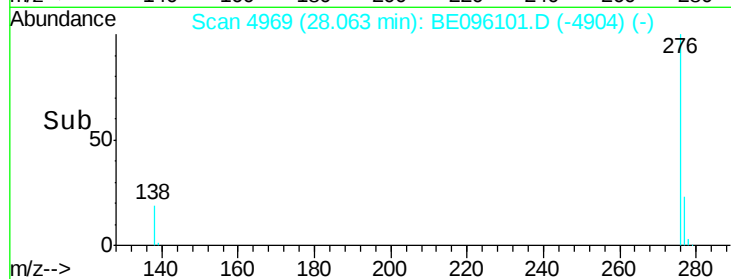
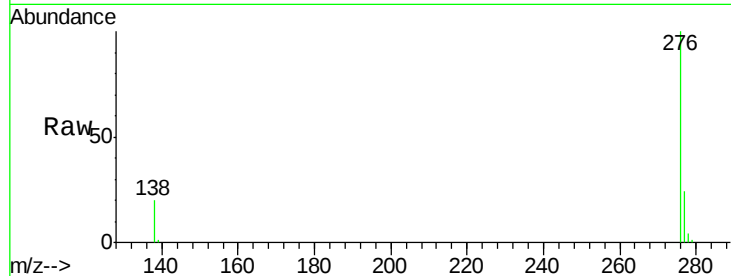
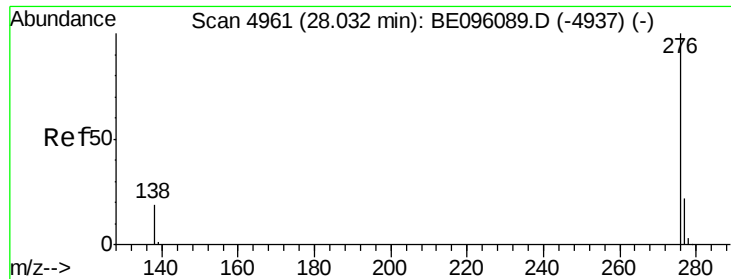
Sohil
4/24/2018 7:11:01 PM



#25
Dibenzo(a,h)anthracene
Concen: 3.272 ng/ul m
RT: 27.19 min Scan# 4725
Delta R.T. 0.01 min
Lab File: BE096101.D
Acq: 24 Apr 2018 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	69671		
139	16.7	17.4	26.0#	
279	28.2	25.9	38.9	





#26

Benzo(a,h,i)perylene

Concen: 9.709 ng/ul m

RT: 28.06 min Scan# 4969

Delta R.T. 0.03 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:01 PM

