

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097236.D
 Acq On : 8 Aug 2018 15:40
 Operator : SJ/JU
 Sample : J4268-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

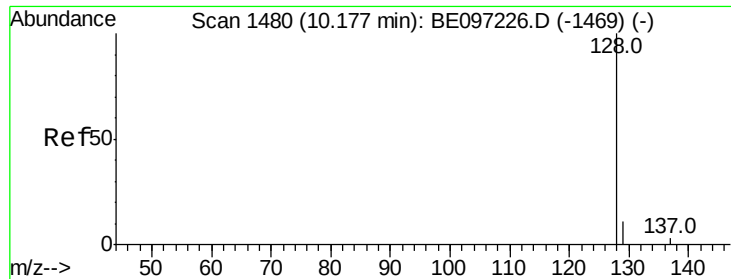
Manual Integrations
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Quant Time: Aug 09 00:59:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1173	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6320	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3796	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8845	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9306	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9007m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1471	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	4052	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	739	0.048	ng/ul#	86
5) 2-Methylnaphthalene	11.80	142	212	0.021	ng/ul	98
7) Acenaphthylene	13.73	152	353	0.022	ng/ul#	65
8) Acenaphthene	14.08	153	445	0.037	ng/ul#	92
9) Fluorene	15.08	166	616	0.045	ng/ul#	93
12) Phenanthrene	16.81	178	17789	0.789	ng/ul#	88
13) Anthracene	16.90	178	2340	0.111	ng/ul	93
15) Fluoranthene	18.84	202	47209	1.584	ng/ul	84
17) Pyrene	19.20	202	44540	1.786	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	20127	0.757	ng/ul#	84
19) Chrysene	21.01	228	26260	0.958	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	36251m	1.477	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	9766m	0.369	ng/ul	
23) Benzo(a)pyrene	23.11	252	23882	0.972	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	17473	0.568	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.52	278	3954	0.157	ng/ul	95
26) Benzo(a,h,i)perylene	26.21	276	17557	0.661	ng/ul#	93

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



#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE097236.D

Acq: 8 Aug 2018 15:40

Instrument :

BNA_E

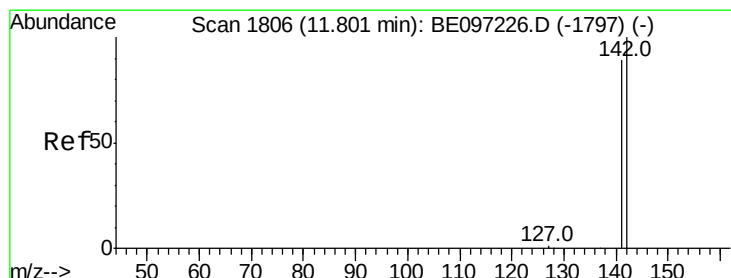
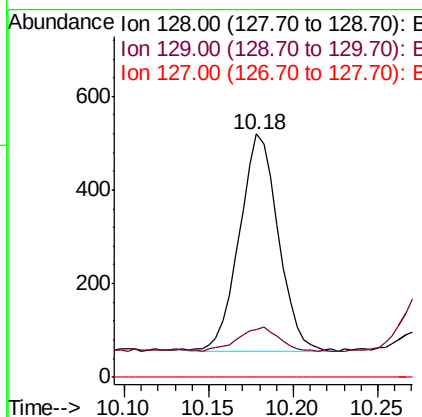
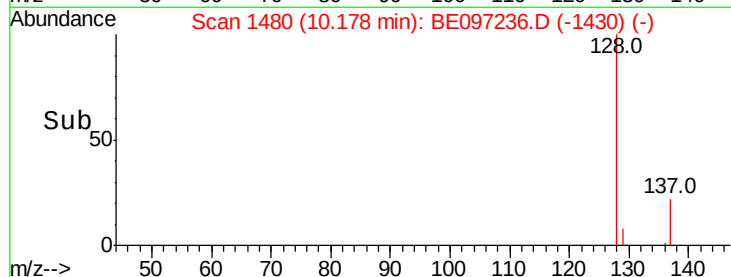
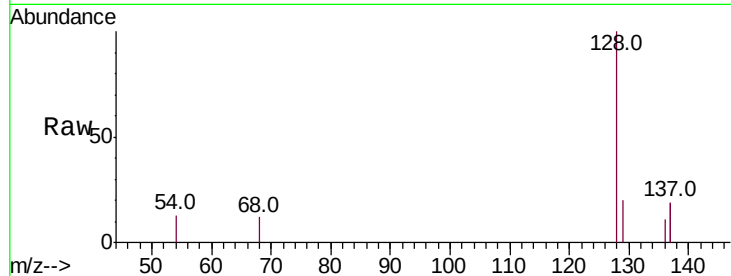
ClientSampleId :

C0AA3

Tot Ion:	128	Resp:	739
Ion	Ratio	Lower	Upper
128	100		
129	19.8	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

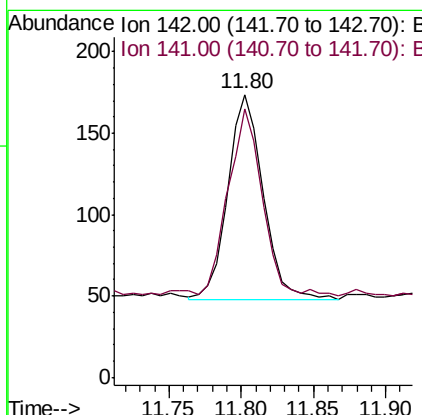
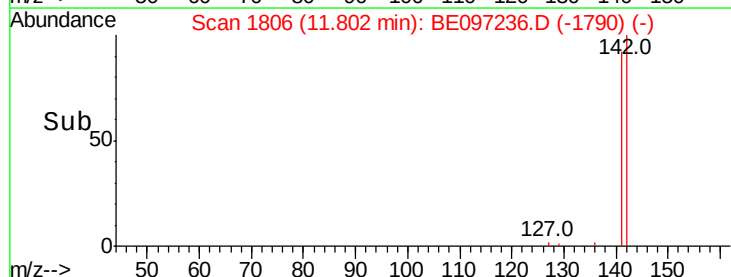
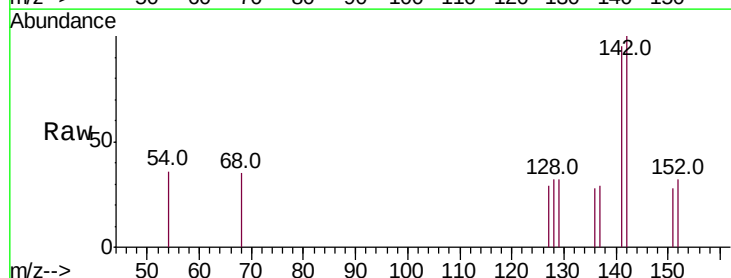
RT: 11.80 min Scan# 1806

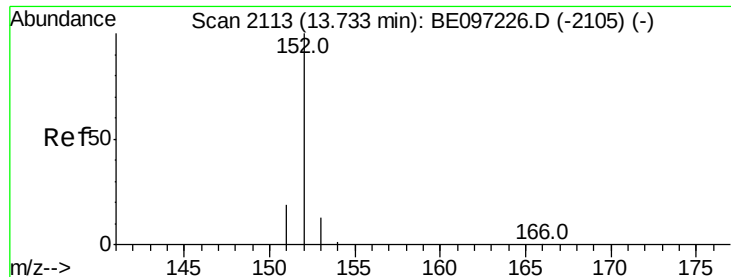
Delta R.T. 0.00 min

Lab File: BE097236.D

Acq: 8 Aug 2018 15:40

Tgt Ion:	142	Resp:	212
Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BE097236.D

Acq: 8 Aug 2018 15:40

Instrument :

BNA_E

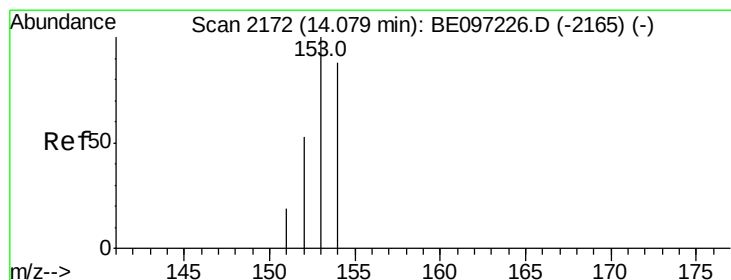
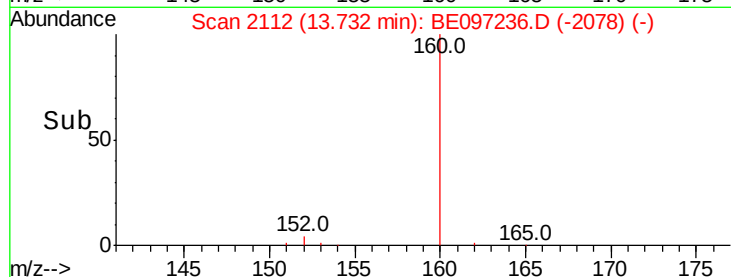
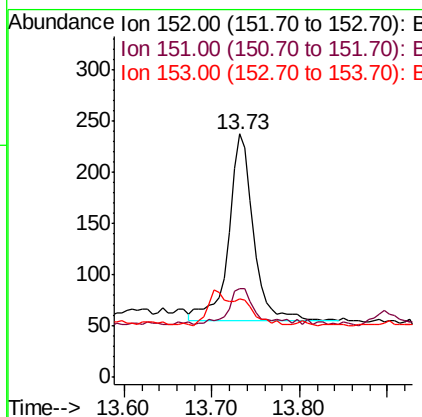
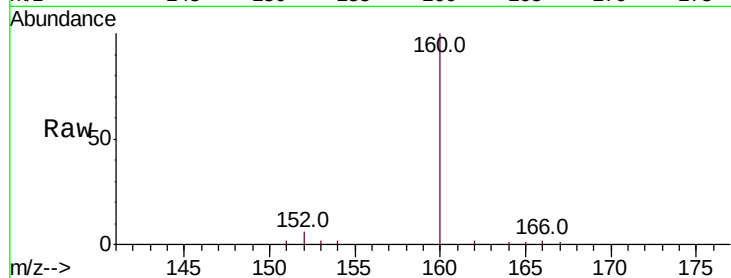
ClientSampleId :

C0AA3

Tot Ion:	152	Resp:	353
Ion Ratio	Lower	Upper	
152	100		
151	36.7	17.1	25.7#
153	32.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.037 ng/ul

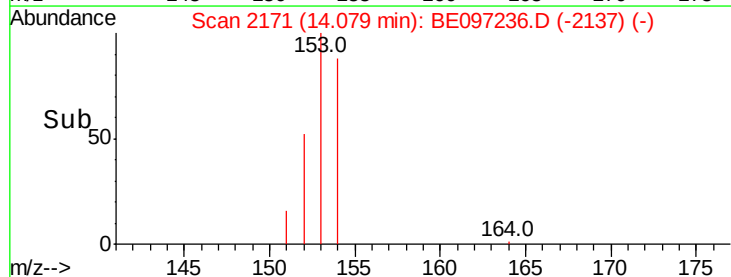
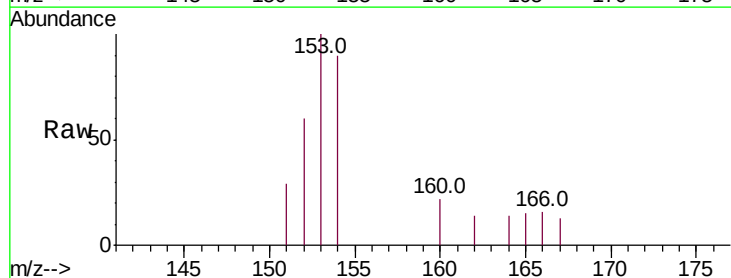
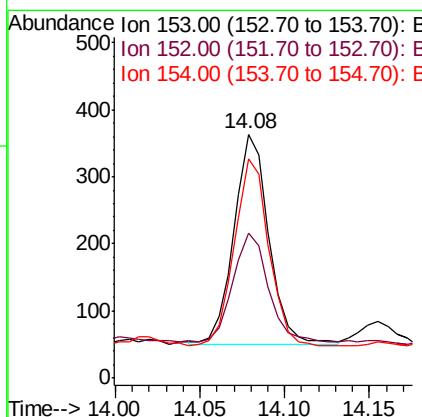
RT: 14.08 min Scan# 2171

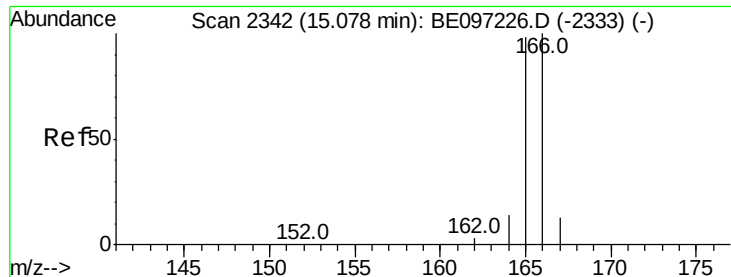
Delta R.T. -0.00 min

Lab File: BE097236.D

Acq: 8 Aug 2018 15:40

Tgt Ion:	153	Resp:	445
Ion Ratio	Lower	Upper	
153	100		
152	59.5	36.0	54.0#
154	89.8	72.0	108.0





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.08 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BE097236.D

Acq: 8 Aug 2018 15:40

Instrument :

BNA_E

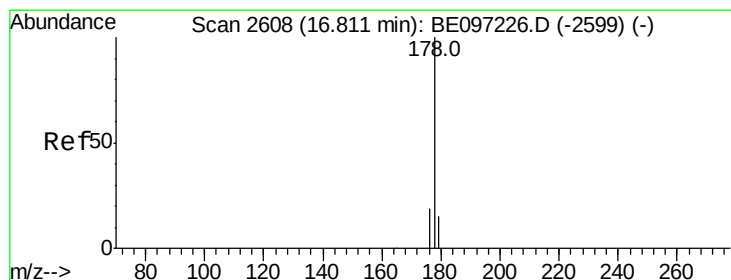
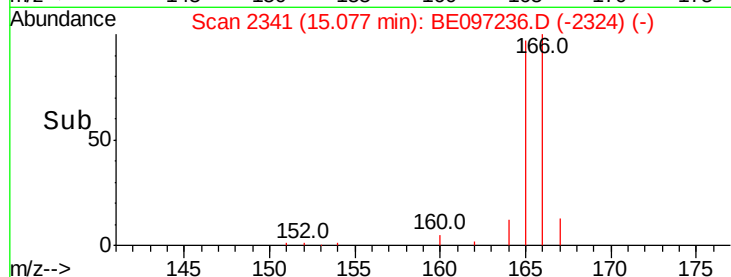
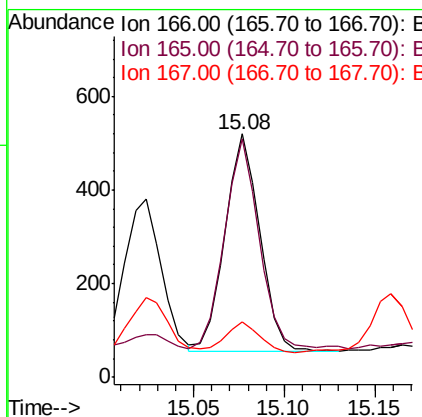
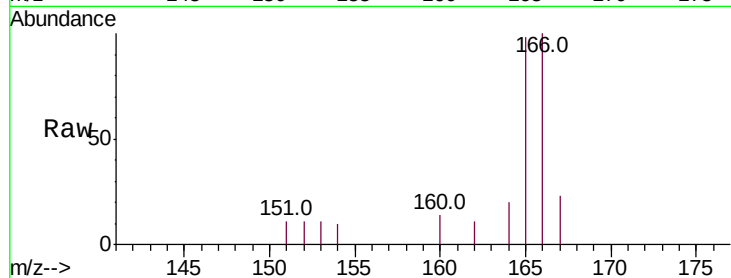
ClientSampleId :

C0AA3

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	73.4	110.2
167	22.7	14.6	22.0

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#12

Phenanthrene

Concen: 0.789 ng/ul

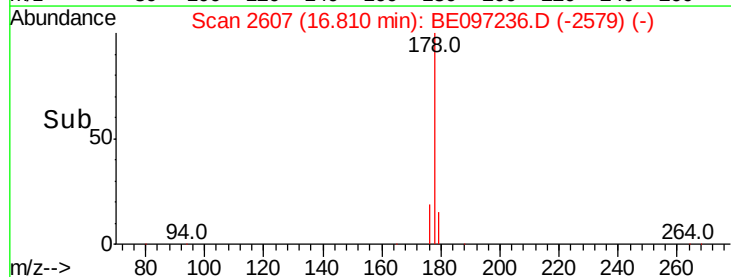
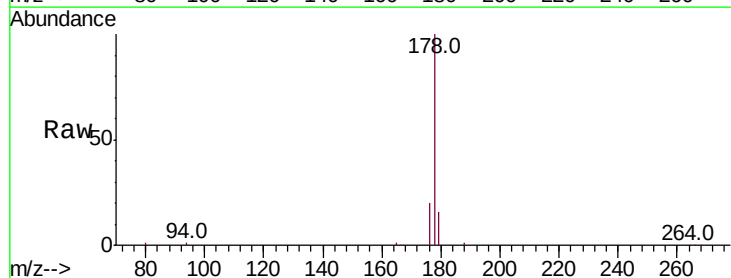
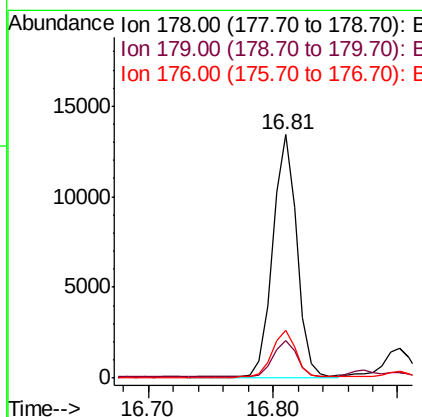
RT: 16.81 min Scan# 2607

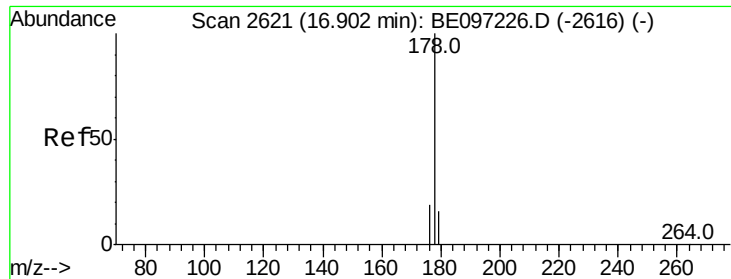
Delta R.T. -0.00 min

Lab File: BE097236.D

Acq: 8 Aug 2018 15:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6
176	19.8	13.6	20.4





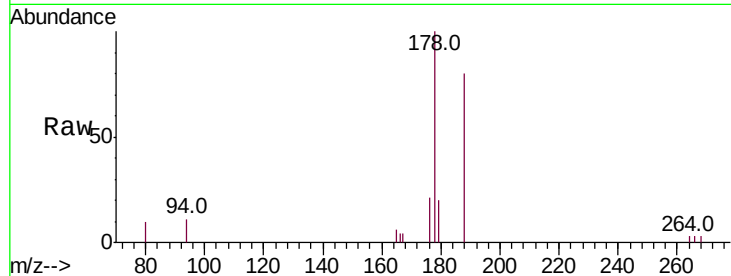
#13
 Anthracene
 Concen: 0.111 ng/ul
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BE097236.D
 Acq: 8 Aug 2018 15:40

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.5	18.1	27.1
176	21.5	14.7	22.1

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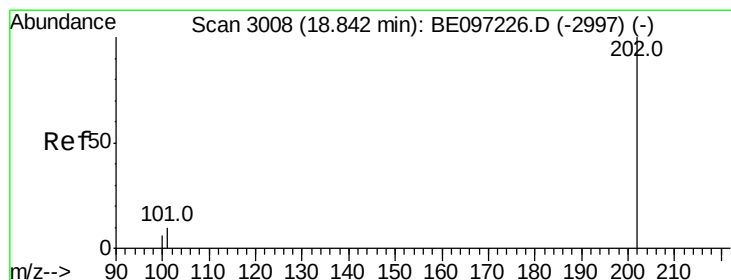
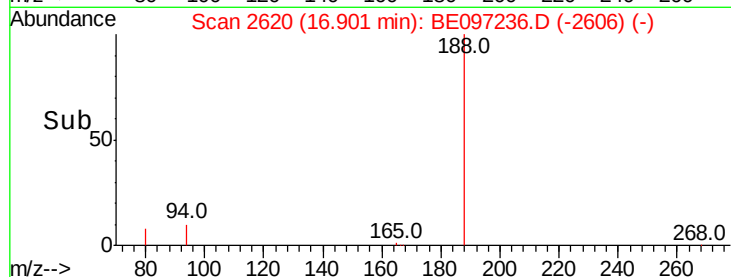
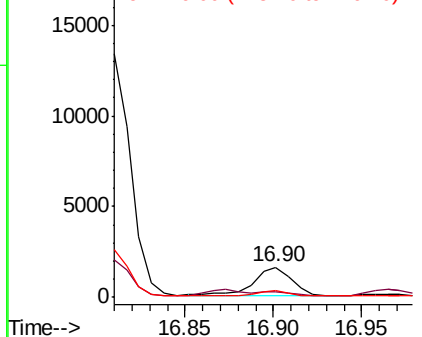


Abundance

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: 1.584 ng/ul
 RT: 18.84 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BE097236.D
 Acq: 8 Aug 2018 15:40

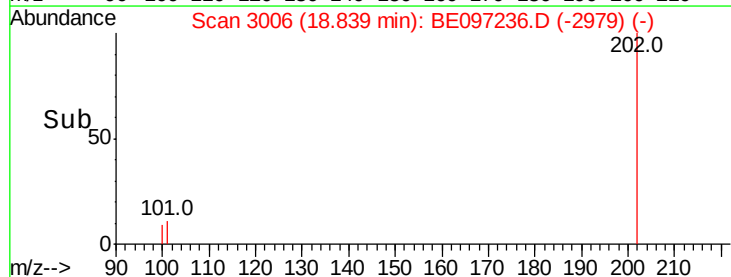
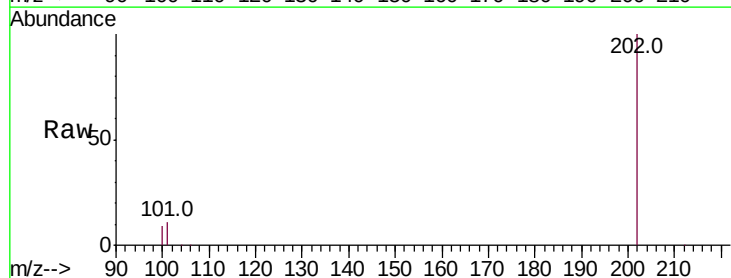
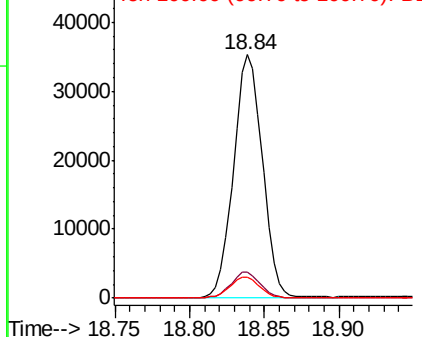
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.7	0.0	39.5

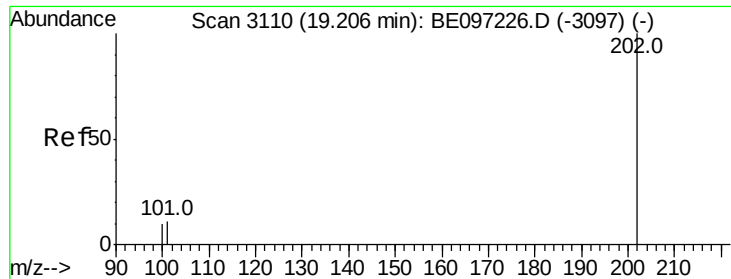
Abundance

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): BE





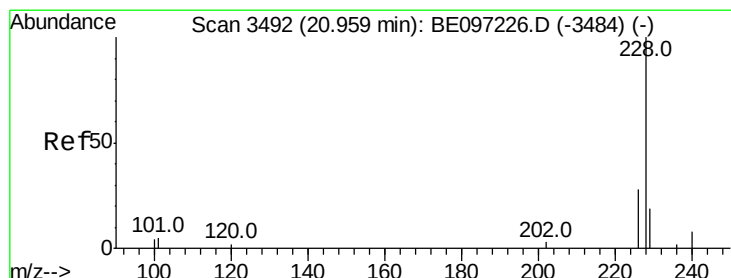
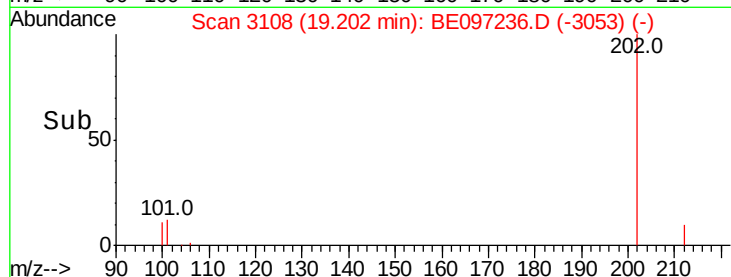
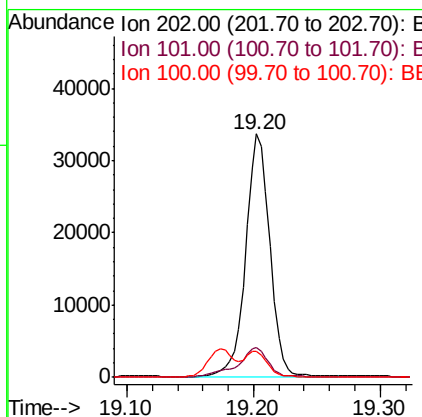
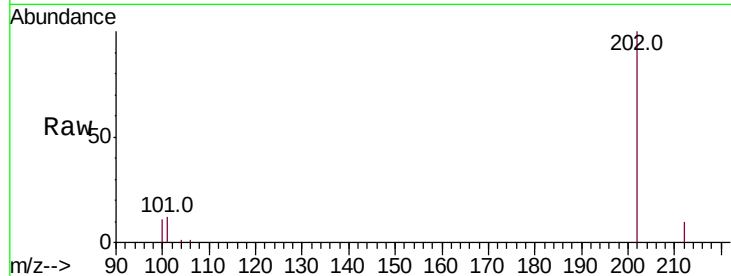
#17
Pvrene
Concen: 1.786 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097236.D
Acq: 8 Aug 2018 15:40

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	44540		
101	12.3	18.2	27.4#	
100	10.7	15.6	23.4#	

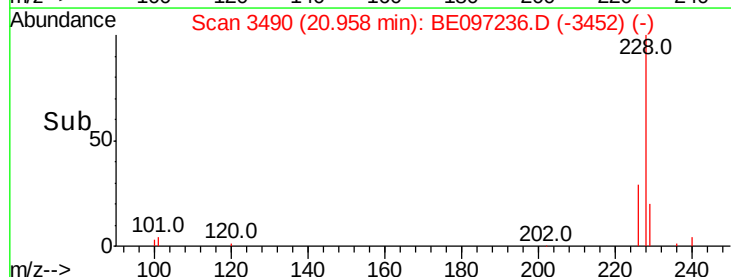
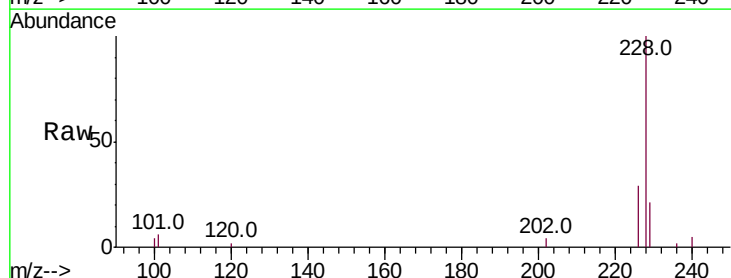
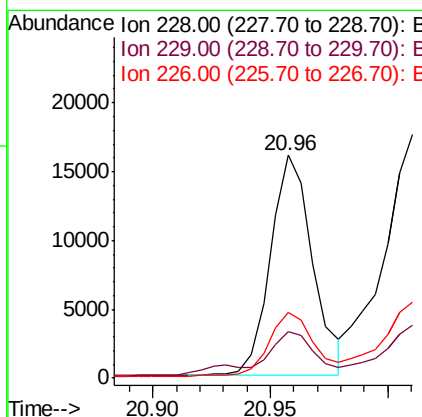
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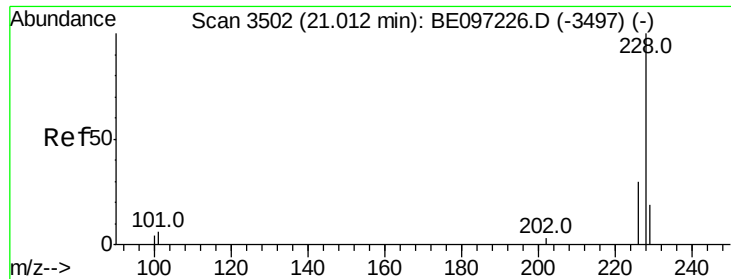
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#18
Benzo(a)anthracene
Concen: 0.757 ng/ul
RT: 20.96 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097236.D
Acq: 8 Aug 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	20127		
229	20.9	22.8	34.2#	
226	29.5	17.0	25.6#	





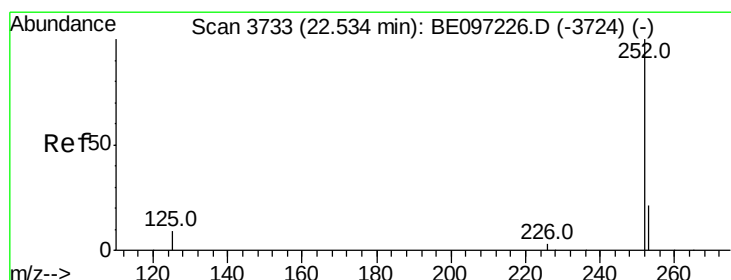
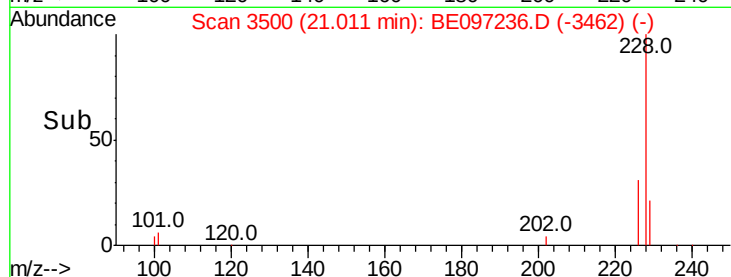
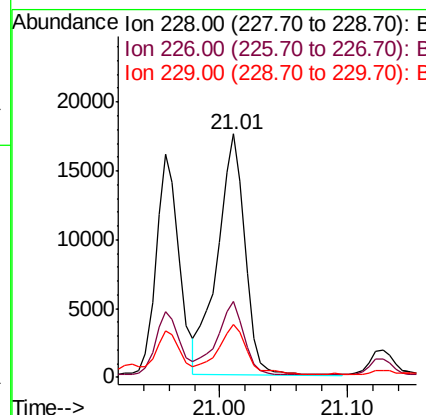
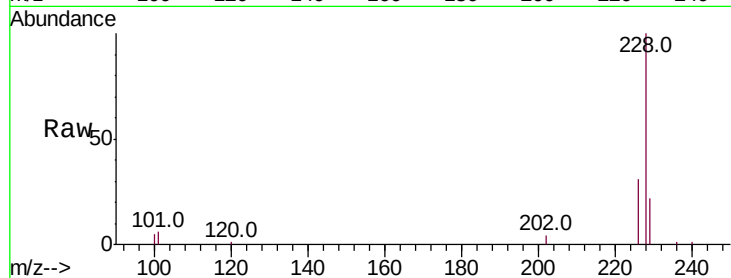
#19
Chrysene
Concen: 0.958 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097236.D
Acq: 8 Aug 2018 15:40

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	21.9	17.7	26.5

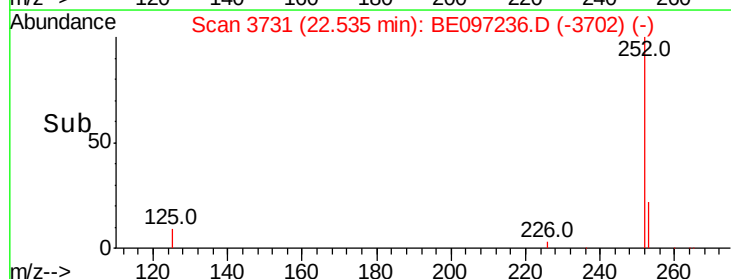
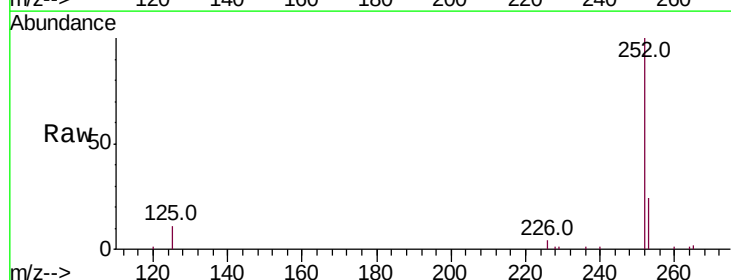
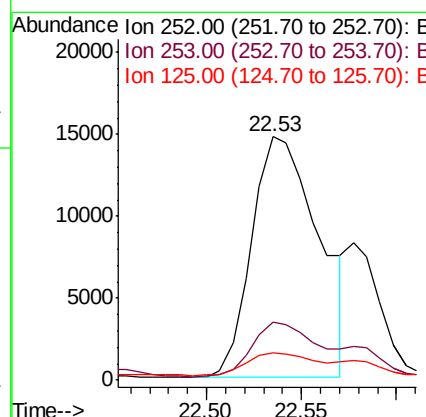
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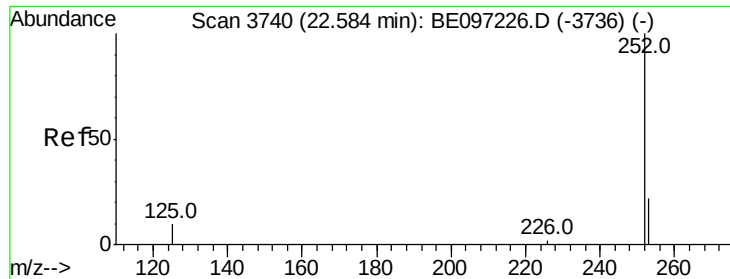
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#21
Benzo(b)fluoranthene
Concen: 1.477 ng/ul m
RT: 22.53 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE097236.D
Acq: 8 Aug 2018 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	11.3	0.0	35.0





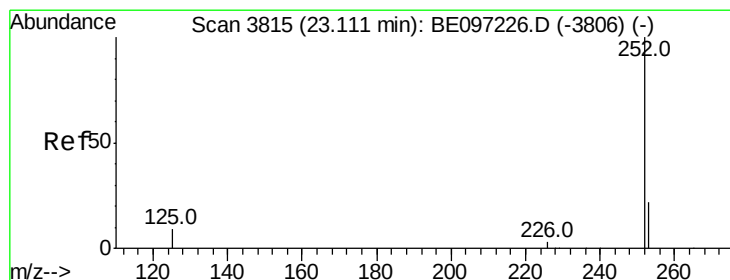
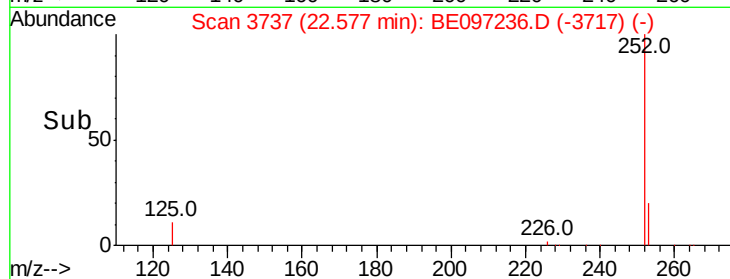
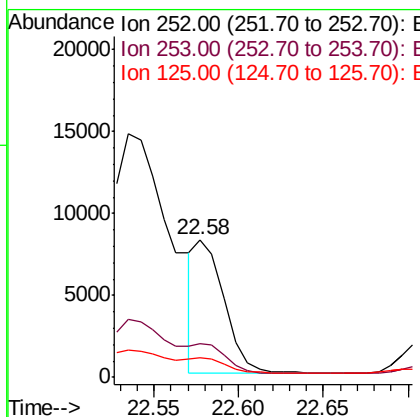
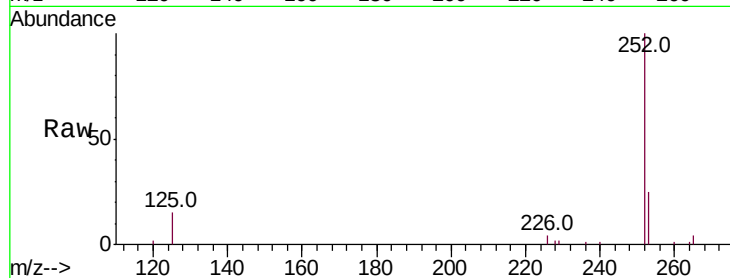
#22
Benzo(k)fluoranthene
Concen: 0.369 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097236.D
Acq: 8 Aug 2018 15:40

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	24.5	36.7
125	14.7	13.7	20.5

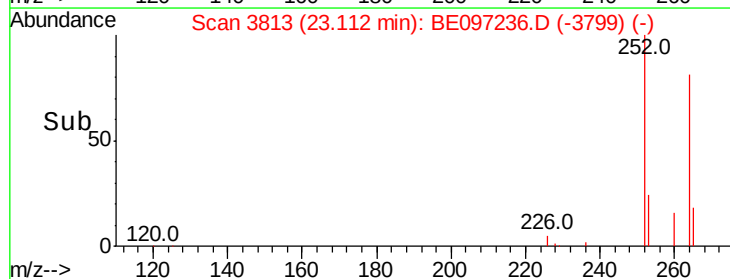
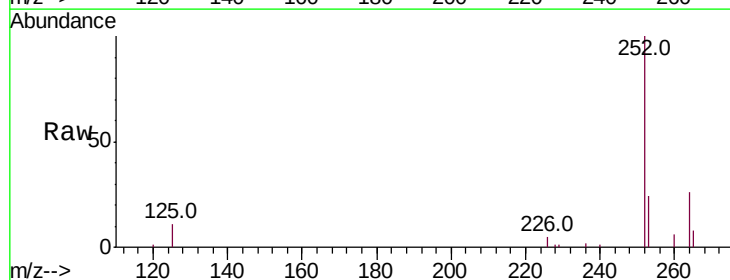
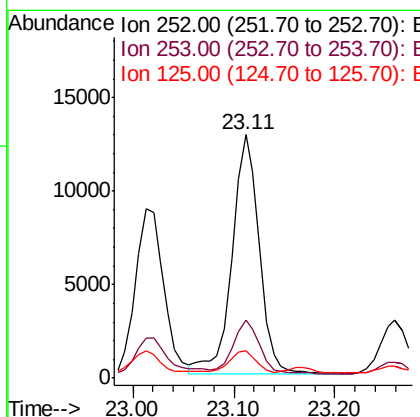
Manual Integrations
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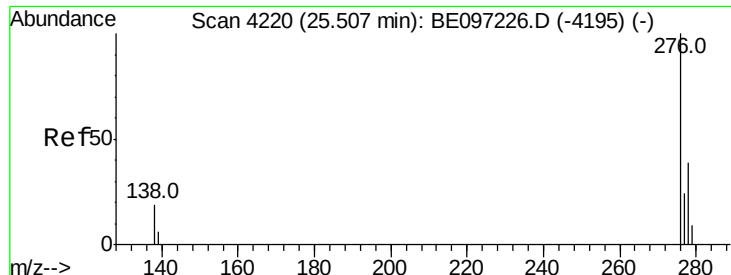
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#23
Benzo(a)pyrene
Concen: 0.972 ng/ul
RT: 23.11 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097236.D
Acq: 8 Aug 2018 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	11.0	18.1	27.1#





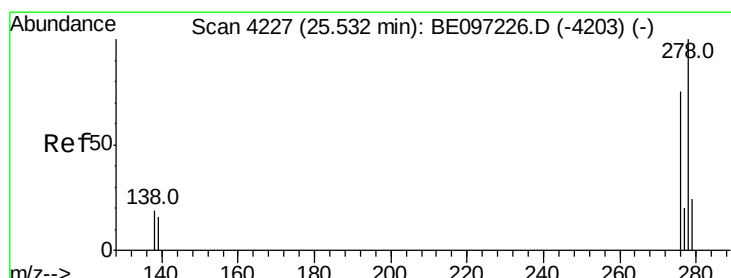
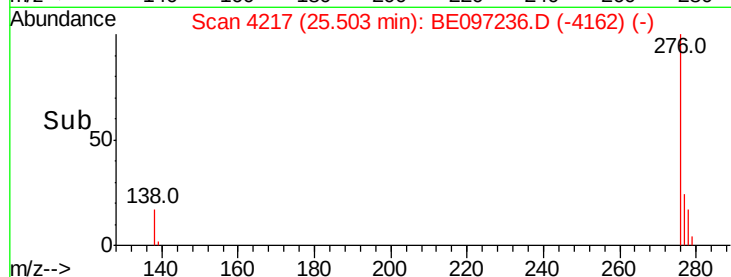
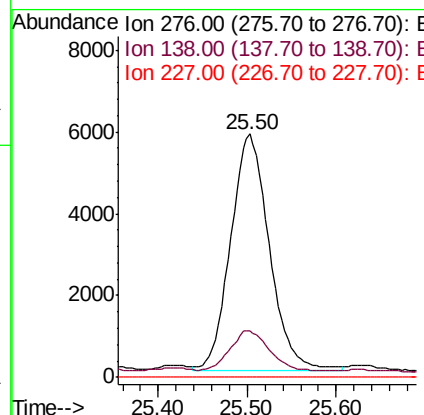
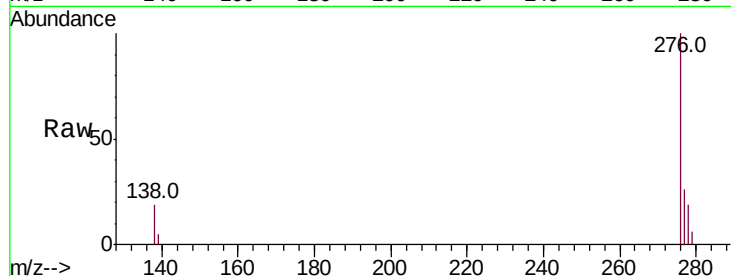
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.568 ng/ul
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.00 min
 Lab File: BE097236.D
 Acq: 8 Aug 2018 15:40

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	28.0	42.0#
227	0.0	8.0	12.0#

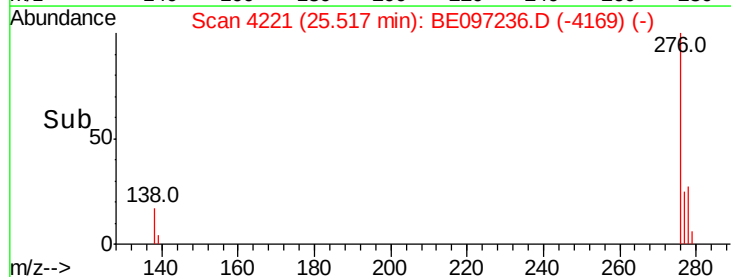
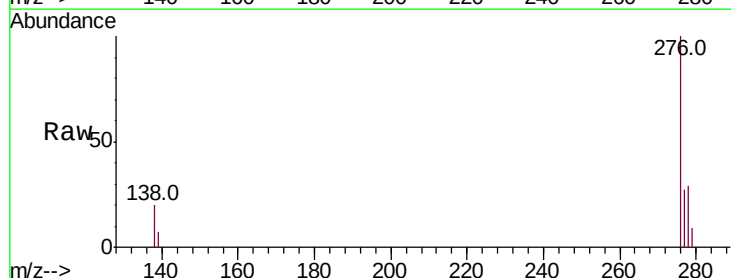
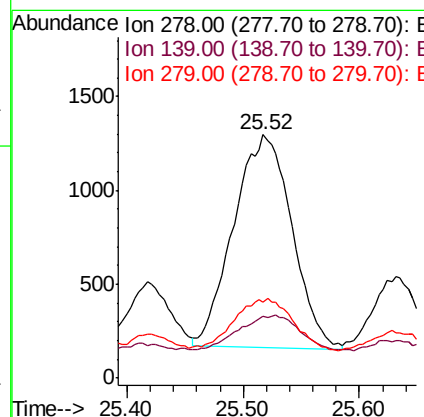
Manual Integrations
 APPROVED

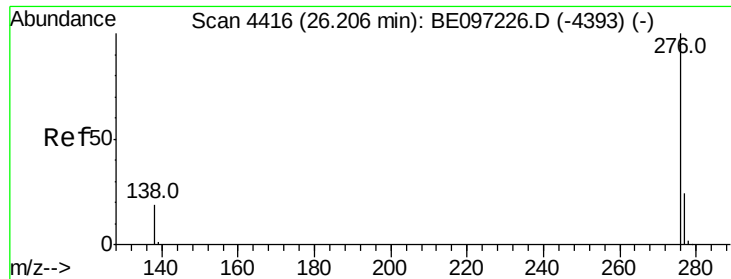
Sohil
 8/9/2018 4:43:11 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.157 ng/ul
 RT: 25.52 min Scan# 4221
 Delta R.T. -0.02 min
 Lab File: BE097236.D
 Acq: 8 Aug 2018 15:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.7	17.4	26.0
279	31.2	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.661 ng/ul
 RT: 26.21 min Scan# 4414
 Delta R.T. -0.00 min
 Lab File: BE097236.D
 Acq: 8 Aug 2018 15:40

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.8	32.8#
277	25.5	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/9/2018 4:43:11 PM

