

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097175.D
 Acq On : 3 Aug 2018 11:08
 Operator : SJ/JU
 Sample : J4172-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D03

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:19 PM

Quant Time: Aug 03 15:17:37 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1452	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7680	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4838	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11243m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12151m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11279m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3526	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	10240m	0.26	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	2009	0.108	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1166	0.095	ng/ul	99
7) Acenaphthylene	13.74	152	668	0.032	ng/ul#	74
8) Acenaphthene	14.08	153	13662	0.903	ng/ul	97
9) Fluorene	15.08	166	9951	0.572	ng/ul	91
12) Phenanthrene	16.81	178	174138m	6.076	ng/ul	
13) Anthracene	16.90	178	52204m	1.953	ng/ul	
15) Fluoranthene	18.84	202	469657m	12.397	ng/ul	
17) Pyrene	19.21	202	430432	13.220	ng/ul#	78
18) Benzo(a)anthracene	20.96	228	263137m	7.578	ng/ul	
19) Chrysene	21.01	228	232308	6.493	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	323998m	10.539	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	119004m	3.590	ng/ul	
23) Benzo(a)pyrene	23.12	252	246289m	8.006	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	163267m	4.241	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	40286m	1.279	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	145393m	4.370	ng/ul	

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

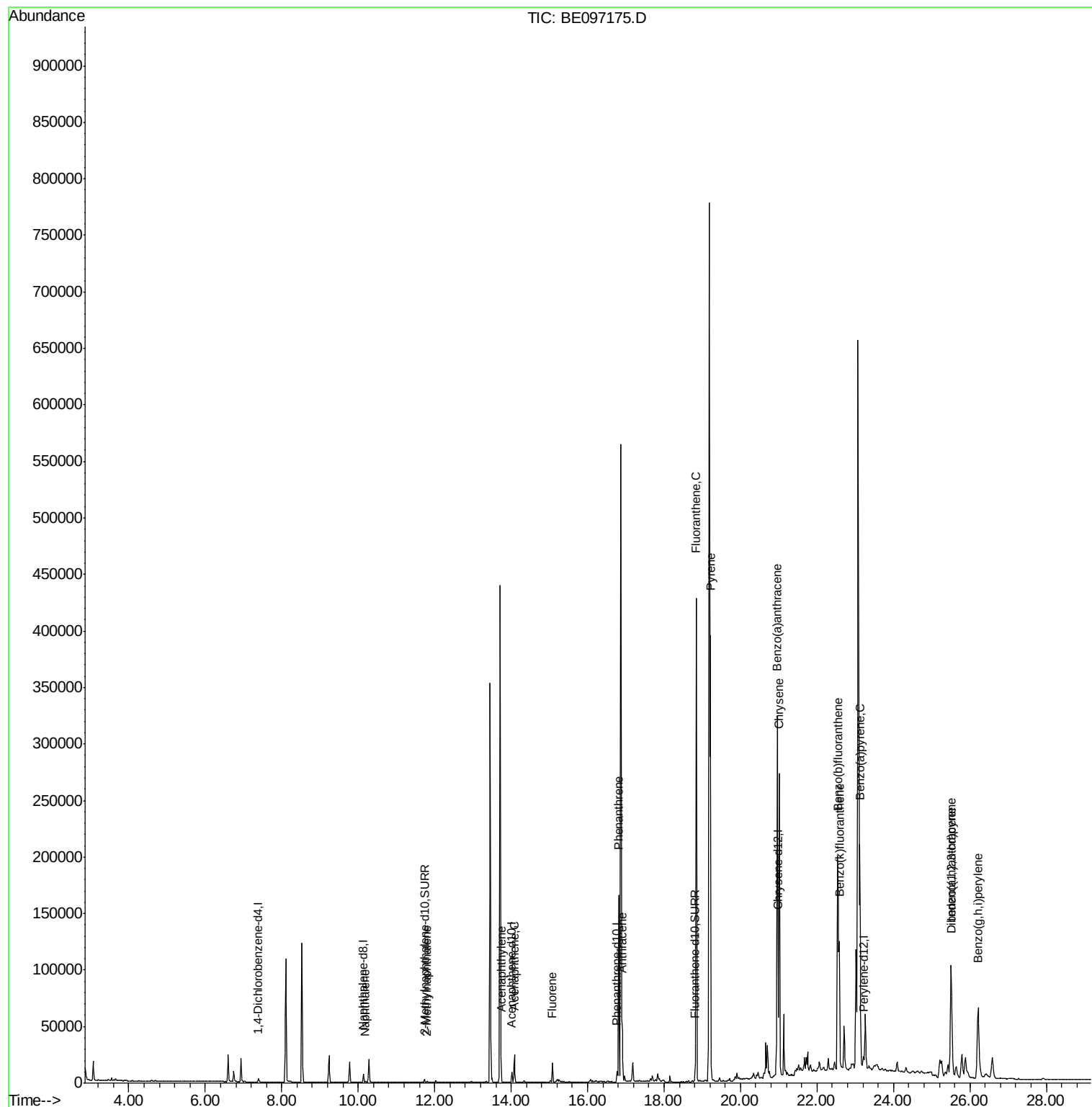
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
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ALS Vial : 5 Sample Multiplier: 1

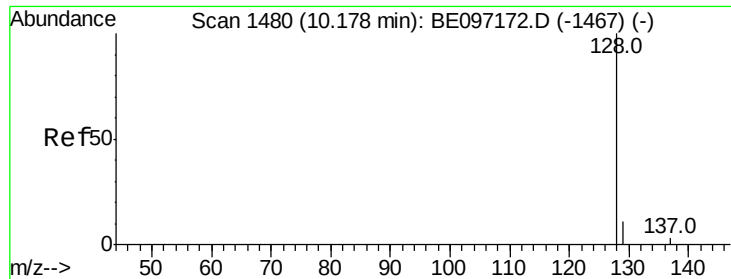
Instrument :
BNA_E
ClientSampleId :
C0D03

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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QLast Update : Fri Aug 03 11:26:05 2018
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#3

Naphthalene

Concen: 0.108 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Instrument :

BNA_E

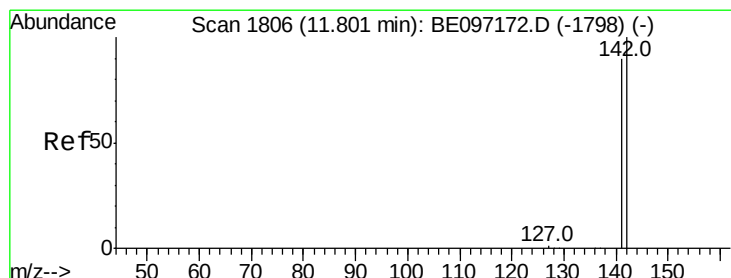
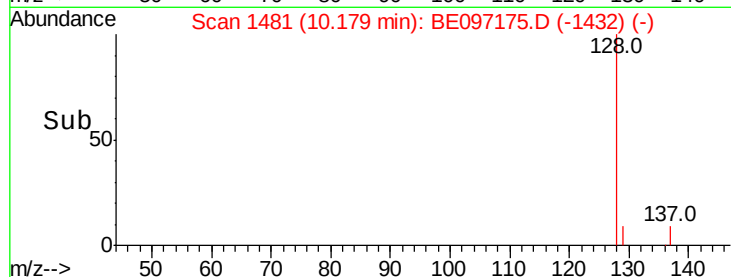
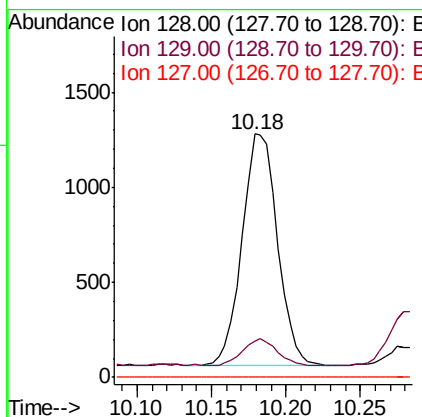
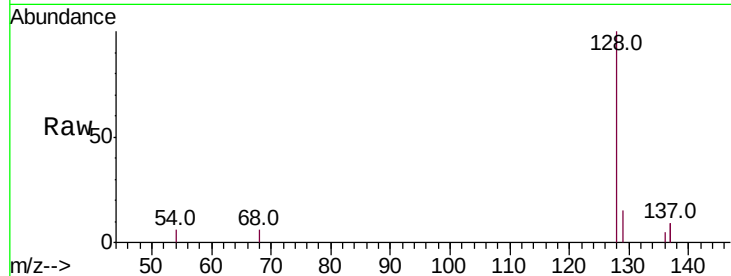
ClientSampleId :

C0D03

Tot Ion:	128	Resp:	2009
Ion Ratio	Lower	Upper	
128	100		
129	14.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.095 ng/ul

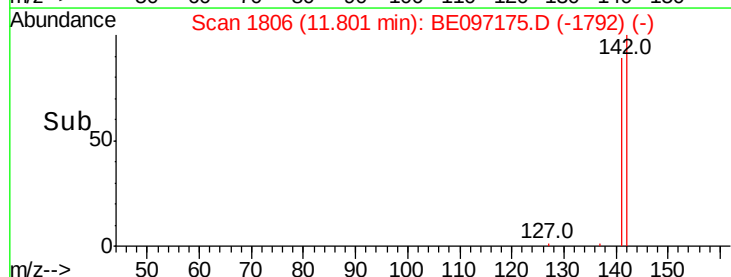
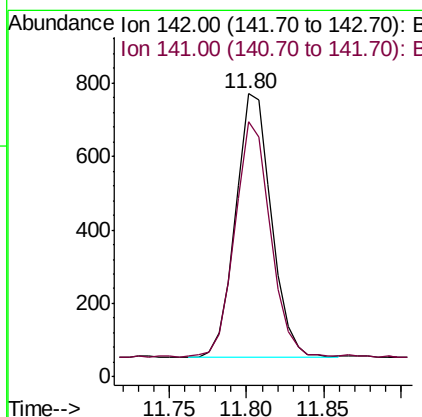
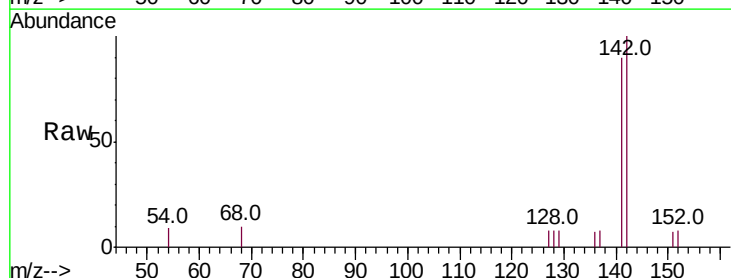
RT: 11.80 min Scan# 1806

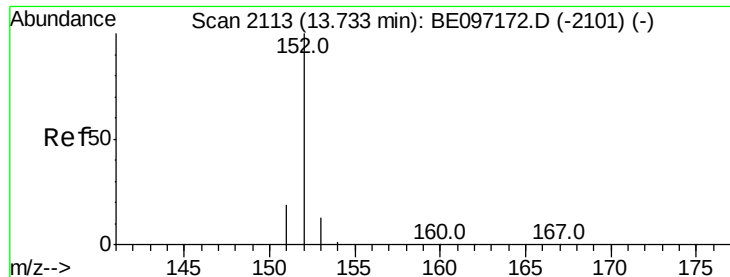
Delta R.T. -0.01 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Tgt Ion:	142	Resp:	1166
Ion Ratio	Lower	Upper	
142	100		
141	90.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Instrument :

BNA_E

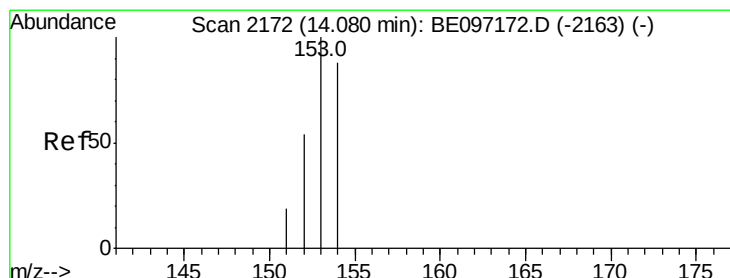
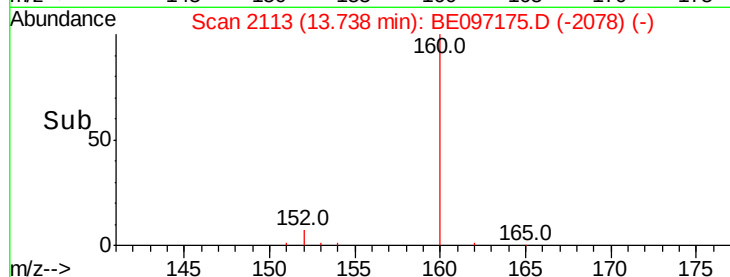
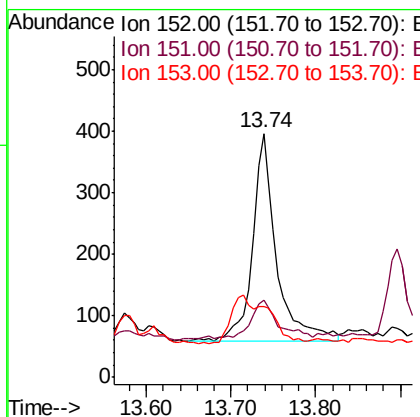
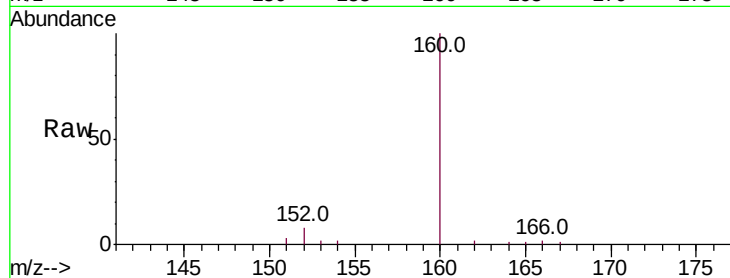
ClientSampled :

C0D03

Tot Ion:	152	Resp:	668
Ion	Ratio	Lower	Upper
152	100		
151	31.8	17.1	25.7#
153	29.3	12.8	19.2#

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#8

Acenaphthene

Concen: 0.903 ng/ul

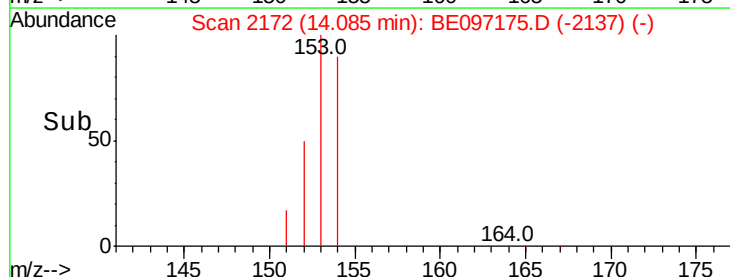
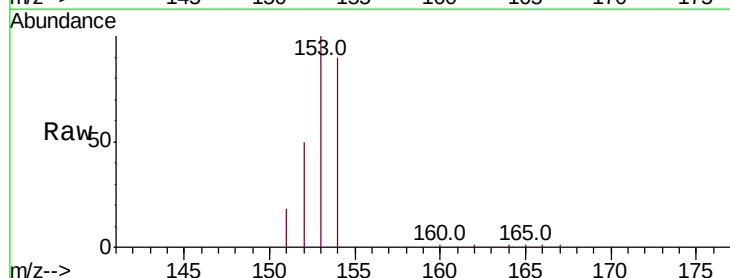
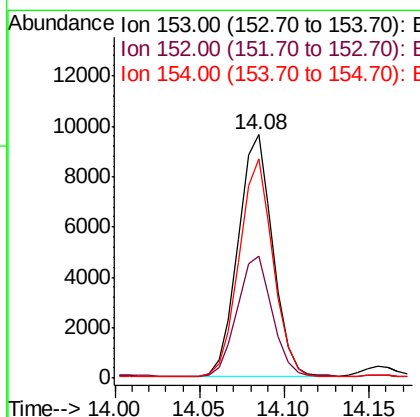
RT: 14.08 min Scan# 2172

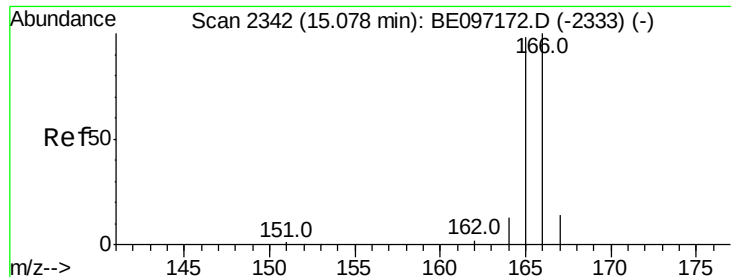
Delta R.T. 0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Tgt Ion:	153	Resp:	13662
Ion	Ratio	Lower	Upper
153	100		
152	50.2	36.0	54.0
154	90.0	72.0	108.0





#9

Fluorene

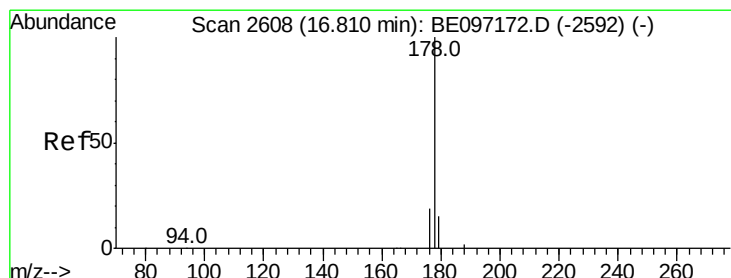
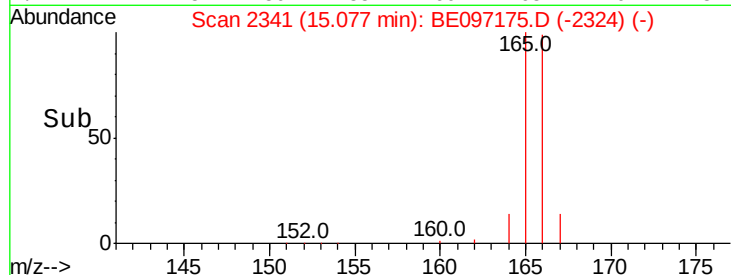
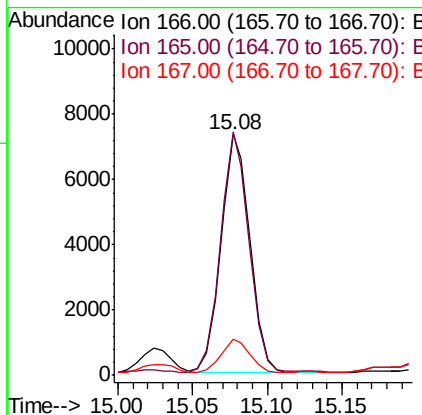
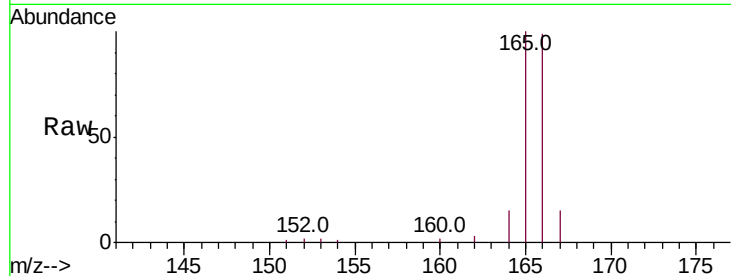
Concen: 0.572 ng/ul
 RT: 15.08 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BE097175.D
 Acq: 3 Aug 2018 11:08

Instrument :
 BNA_E
 ClientSampled :
 C0D03

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	73.4	110.2
167	15.2	14.6	22.0

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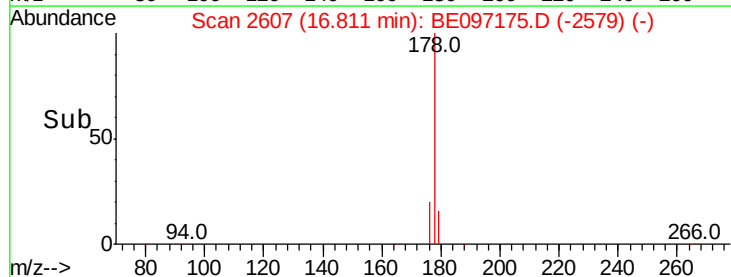
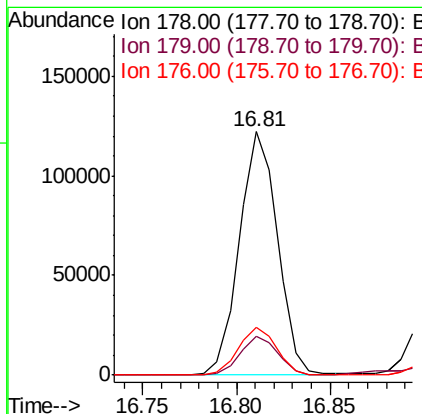
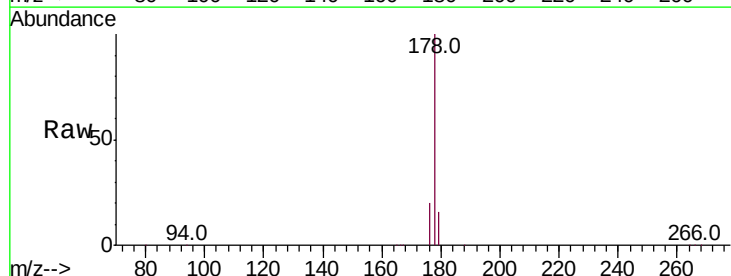


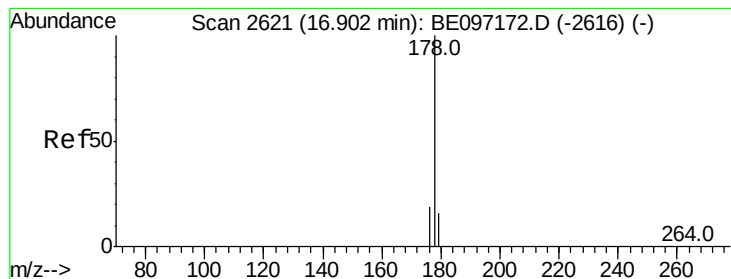
#12

Phenanthrene

Concen: 6.076 ng/ul m
 RT: 16.81 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BE097175.D
 Acq: 3 Aug 2018 11:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	19.8	13.6	20.4





#13

Anthracene

Concen: 1.953 ng/ul m

RT: 16.90 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

C0D03

Tot Ion:178 Resp: 52204

Ion Ratio Lower Upper

178 100

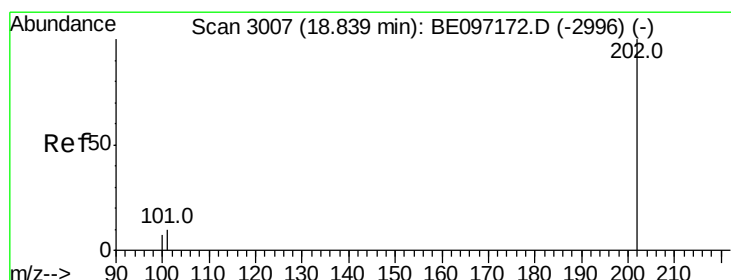
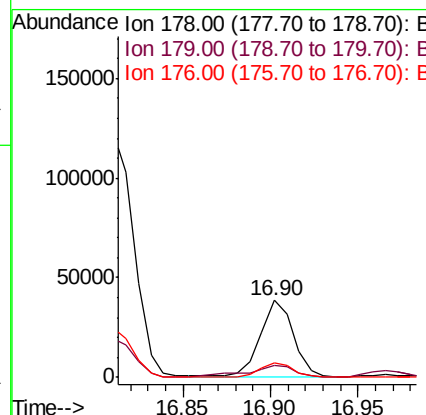
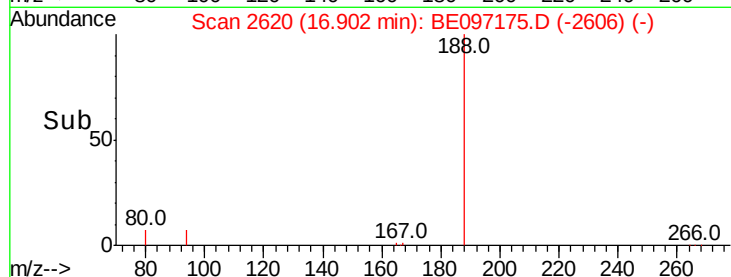
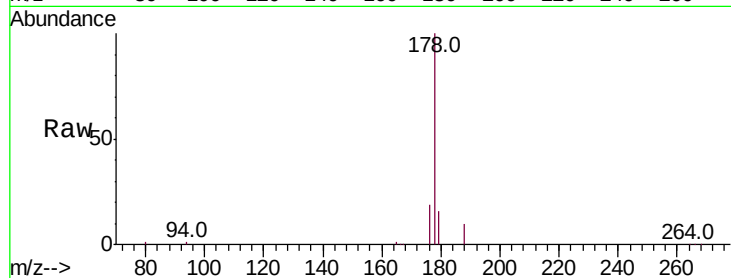
179 15.8 18.1 27.1#

176 19.2 14.7 22.1

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#15

Fluoranthene

Concen: 12.397 ng/ul m

RT: 18.84 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

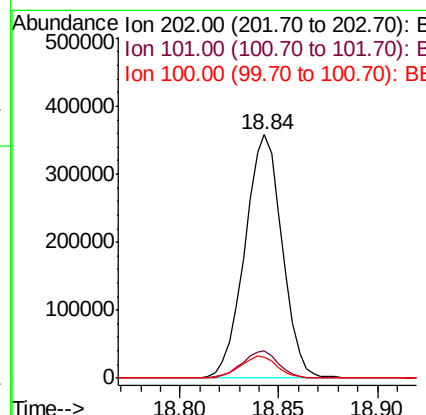
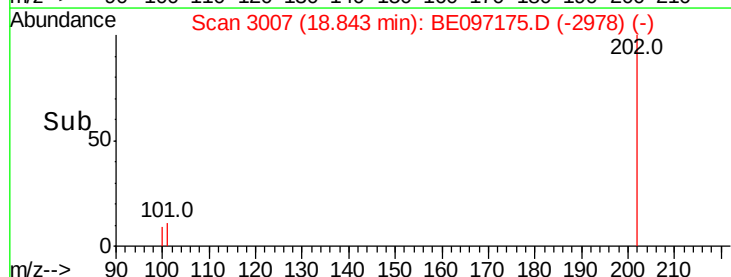
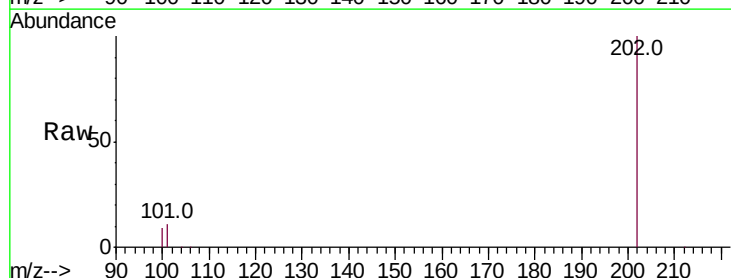
Tgt Ion:202 Resp: 469657

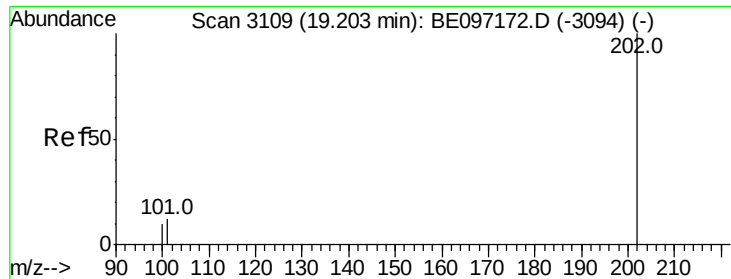
Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

100 8.7 0.0 39.5





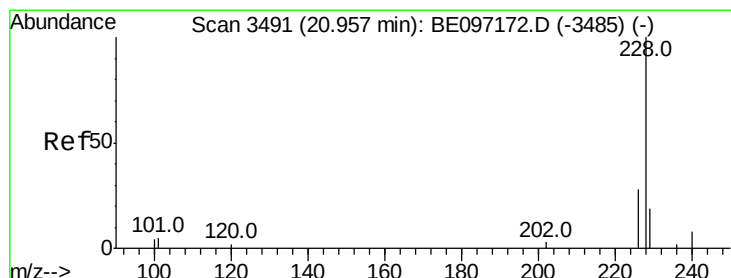
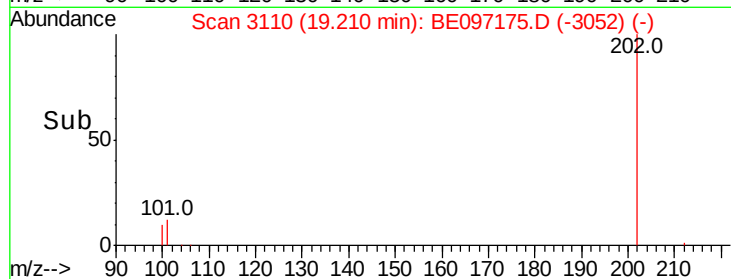
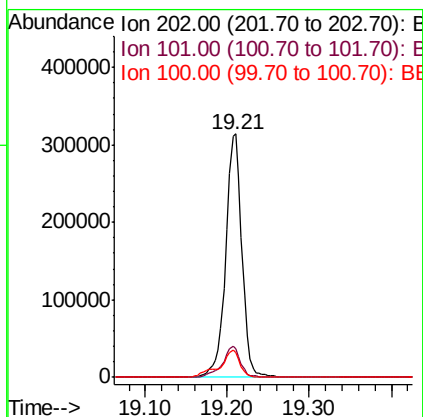
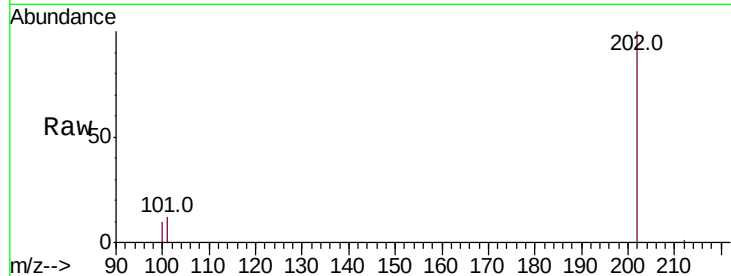
#17
Pvrene
Concen: 13.220 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Instrument :
BNA_E
ClientSampleId :
C0D03

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.9	18.2	27.4#	
100	10.2	15.6	23.4#	

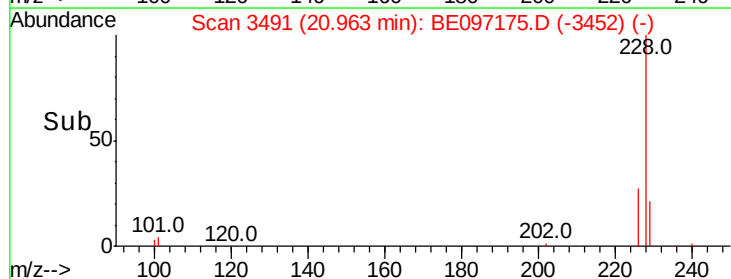
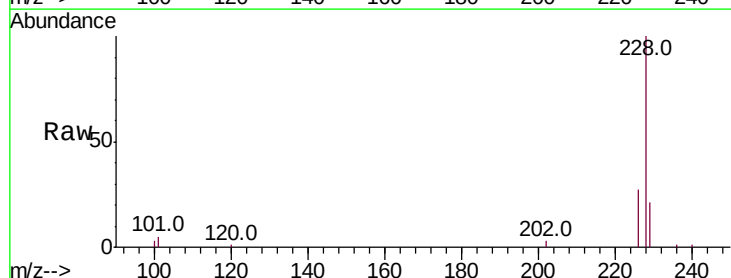
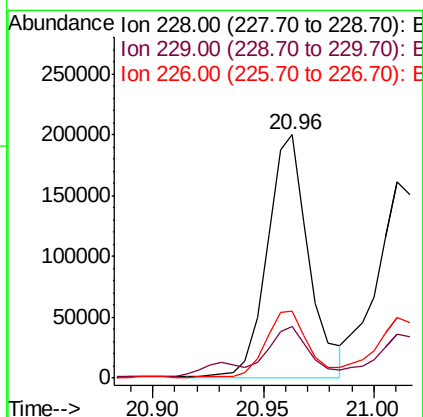
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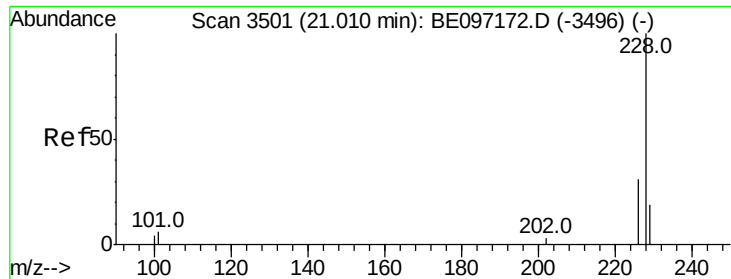
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#18
Benzo(a)anthracene
Concen: 7.578 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	21.2	22.8	34.2#	
226	27.4	17.0	25.6#	





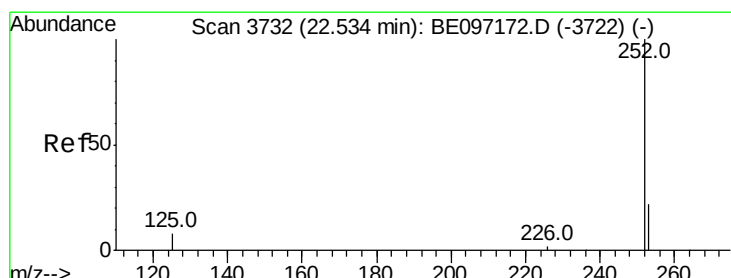
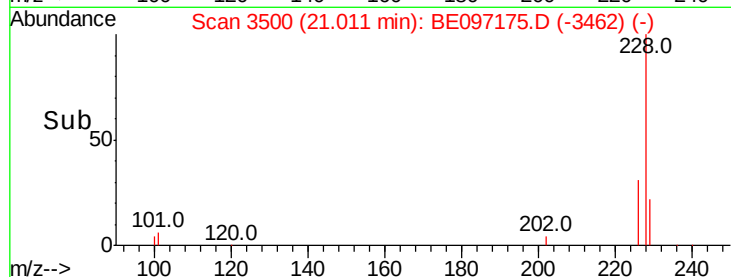
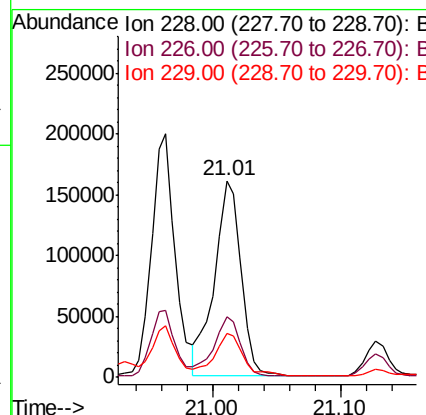
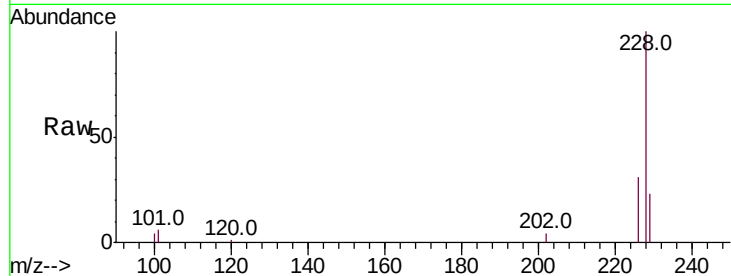
#19
Chrysene
Concen: 6.493 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Instrument :
BNA_E
ClientSampled :
C0D03

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	22.5	17.7	26.5

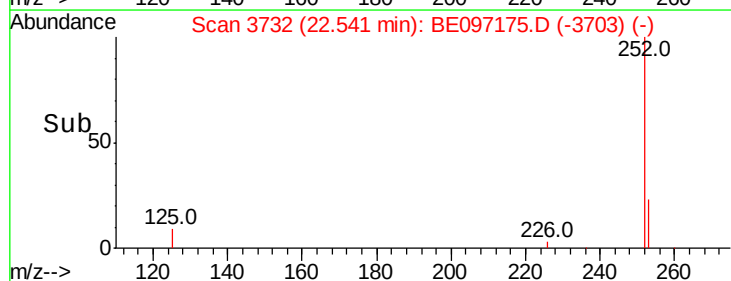
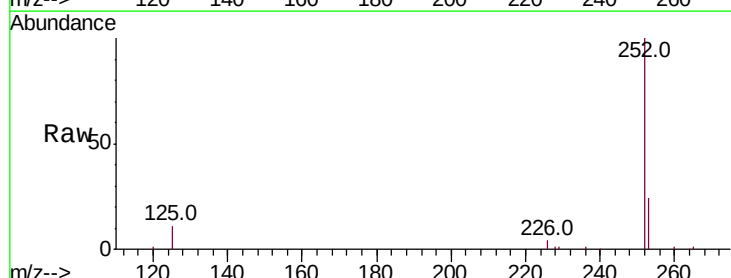
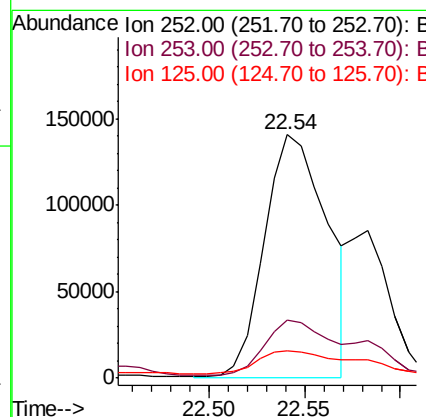
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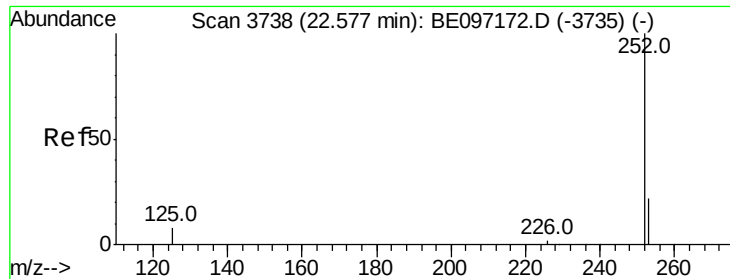
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#21
Benzo(b)fluoranthene
Concen: 10.539 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	11.4	0.0	35.0





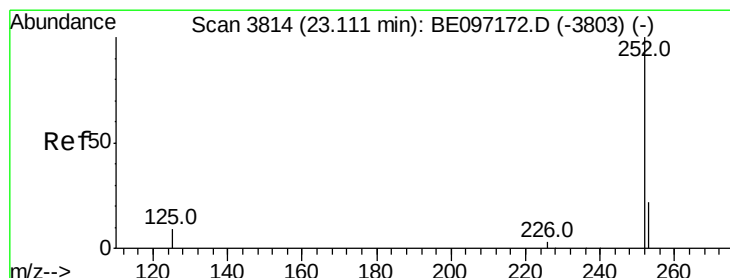
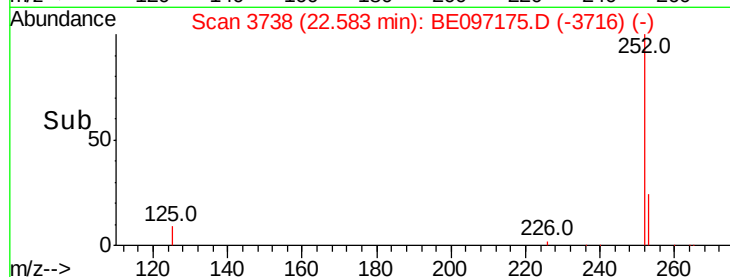
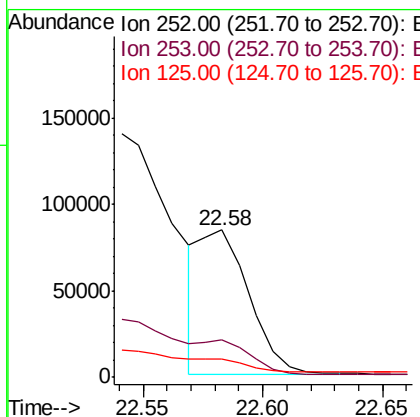
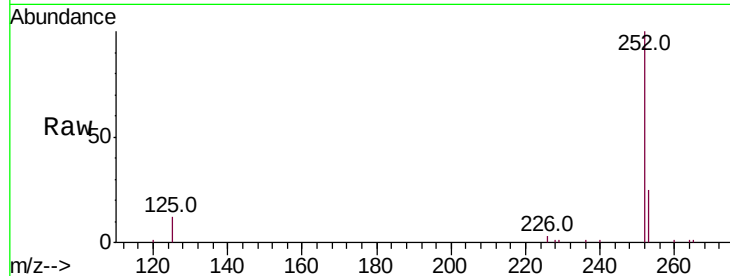
#22
Benzo(k)fluoranthene
Concen: 3.590 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Instrument :
BNA_E
ClientSampleId :
C0D03

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.5	36.7
125	12.3	13.7	20.5

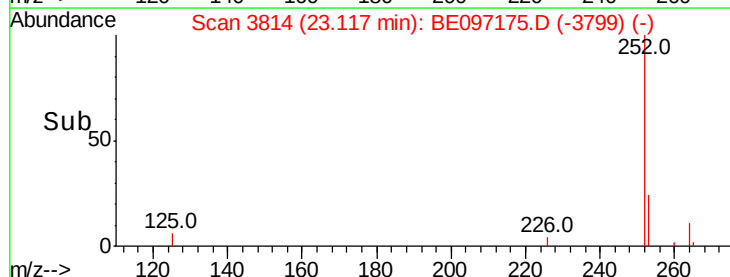
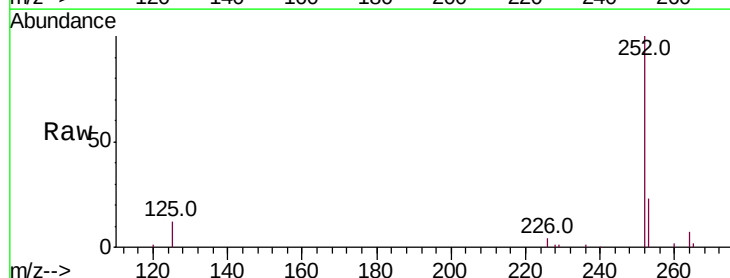
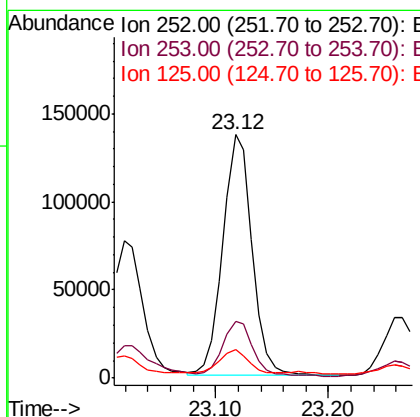
Manual Integrations
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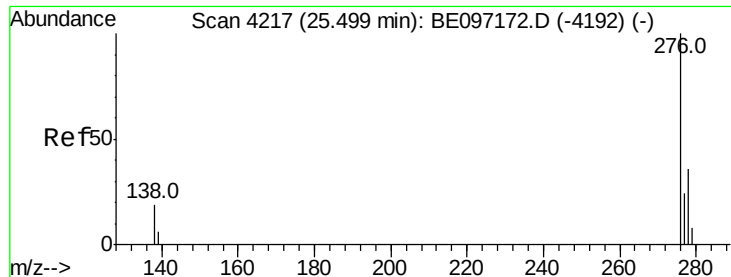
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#23
Benzo(a)pyrene
Concen: 8.006 ng/ul m
RT: 23.12 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7
125	11.8	18.1	27.1





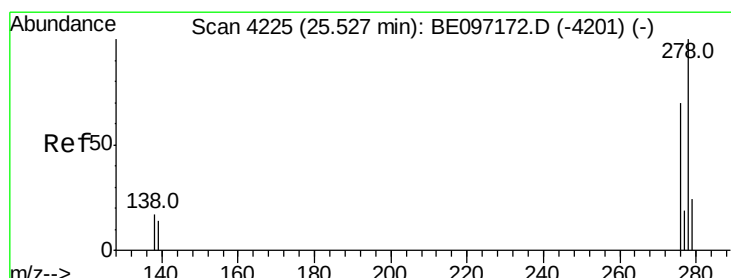
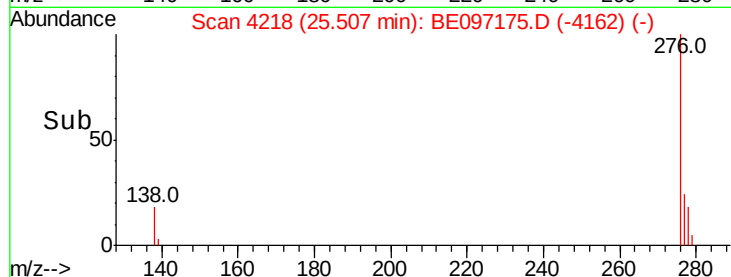
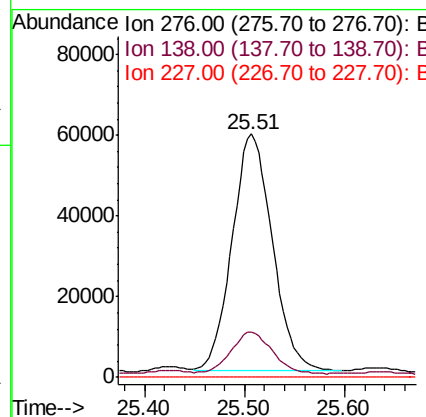
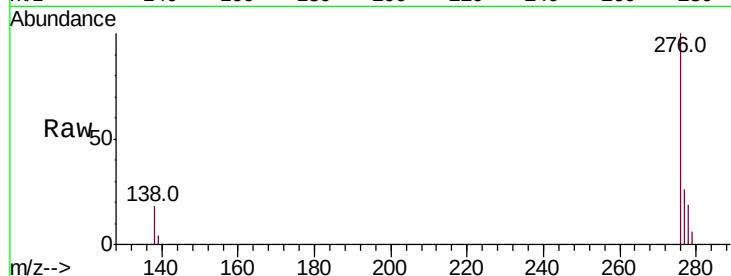
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.241 ng/ul m
RT: 25.51 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Instrument :
BNA_E
ClientSampleId :
C0D03

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	2.3	28.0	42.0#
227	0.0	8.0	12.0#

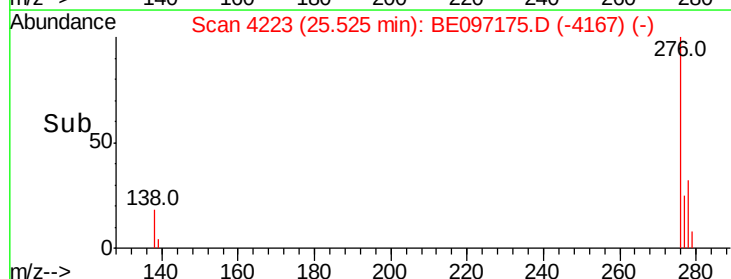
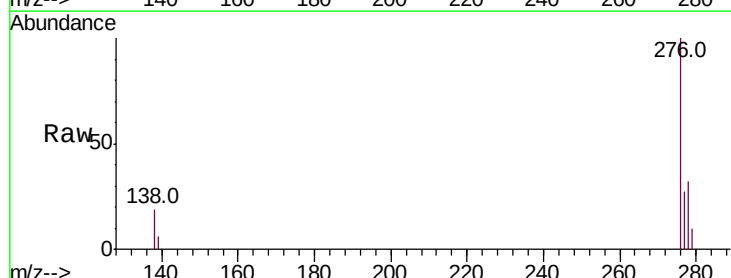
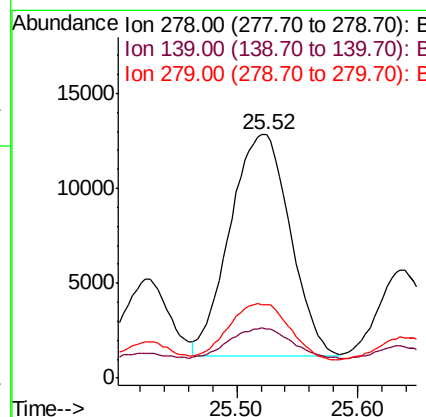
Manual Integrations
APPROVED

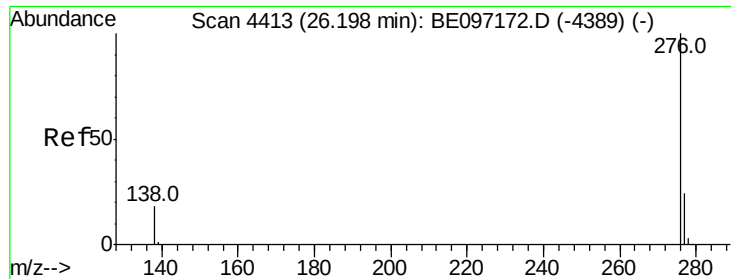
Sohil
8/6/2018 4:32:19 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.279 ng/ul m
RT: 25.52 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	20.0	17.4	26.0
279	30.3	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 4.370 ng/ul m

RT: 26.21 min Scan# 4416

Delta R.T. 0.01 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Instrument :

BNA_E

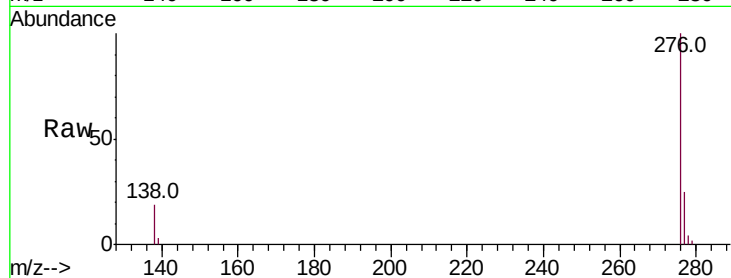
ClientSampleId :

C0D03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	19.2	21.8	32.8#		
277	25.2	20.5	30.7		

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:19 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

