

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
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Sohil
 8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:30:15 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	1255	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6640	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4027	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9399m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	9567m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9576m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1999	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5835m	0.18	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	3386	0.211	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1811	0.170	ng/ul	98
7) Acenaphthylene	13.74	152	7220	0.415	ng/ul	97
8) Acenaphthene	14.08	153	3143	0.250	ng/ul#	93
9) Fluorene	15.08	166	4708	0.325	ng/ul	93
12) Phenanthrene	16.81	178	144987m	6.051	ng/ul	
13) Anthracene	16.90	178	21875m	0.979	ng/ul	
15) Fluoranthene	18.84	202	487348m	15.388	ng/ul	
17) Pyrene	19.21	202	436060	17.010	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	233018m	8.524	ng/ul	
19) Chrysene	21.01	228	279425	9.919	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	396895m	15.207	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	130211m	4.627	ng/ul	
23) Benzo(a)pyrene	23.12	252	254921m	9.761	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	205262	6.280	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.52	278	46555m	1.741	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	200753	7.107	ng/ul#	90

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

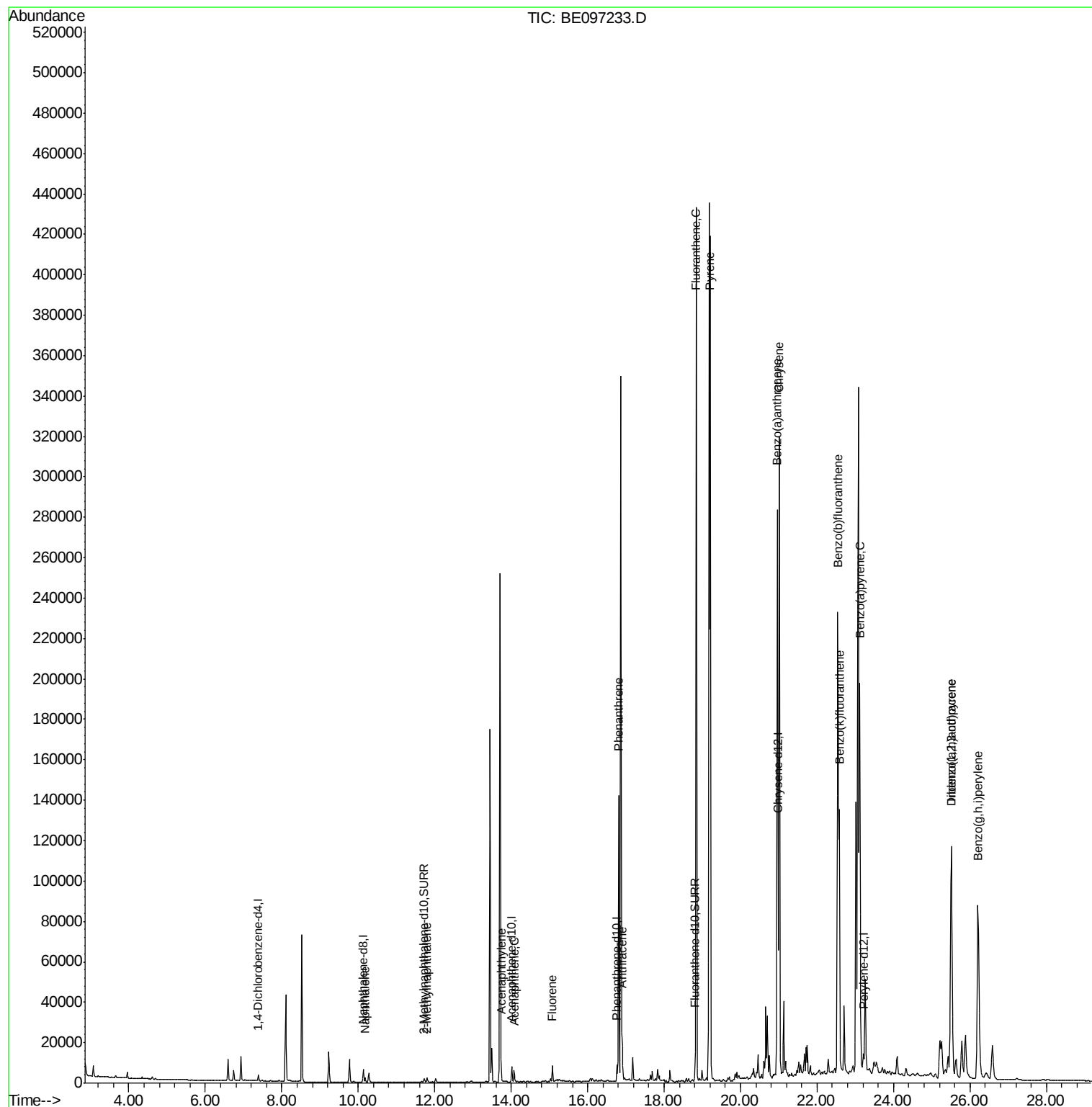
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
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ALS Vial : 9 Sample Multiplier: 1

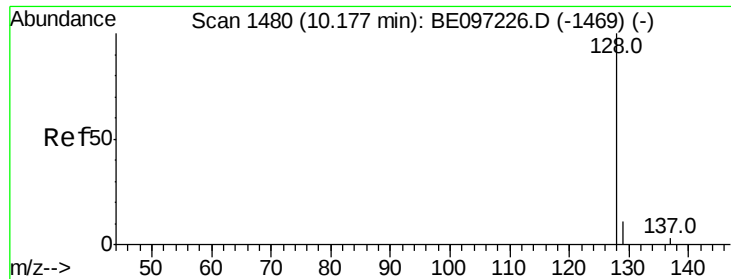
Instrument :
BNA_E
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.211 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

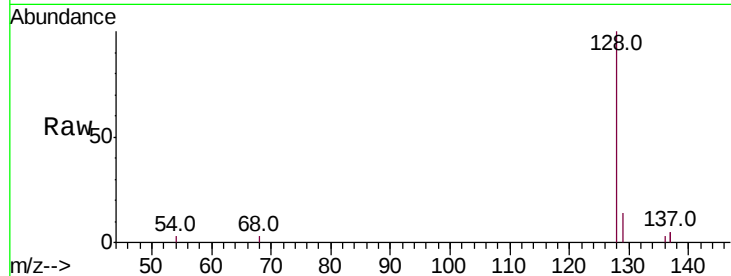
ClientSampleId :

C0AC3

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0

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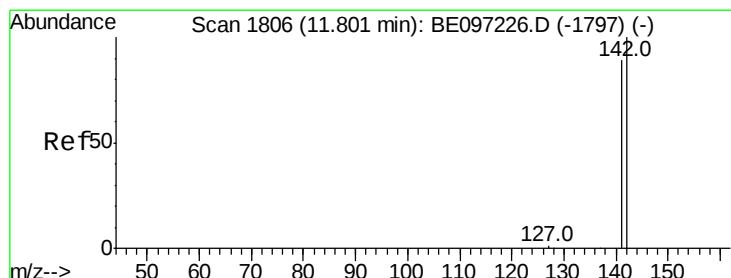
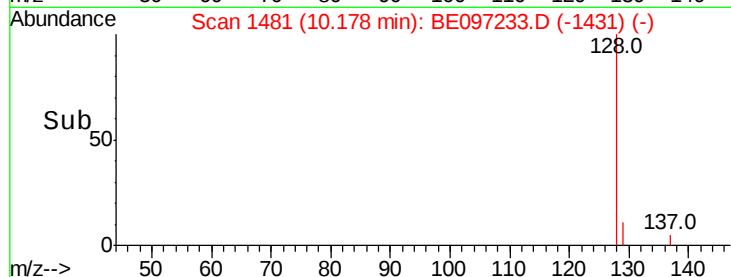
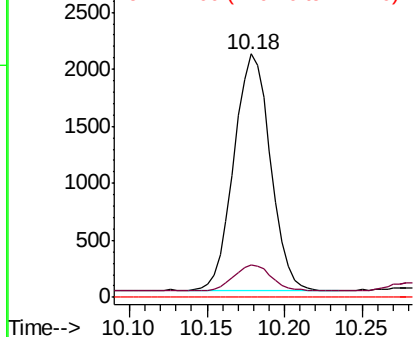


Abundance

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: 0.170 ng/ul

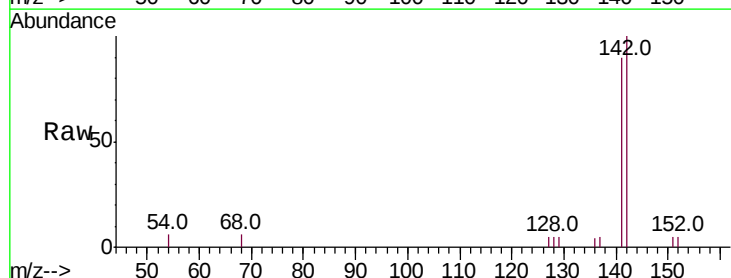
RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

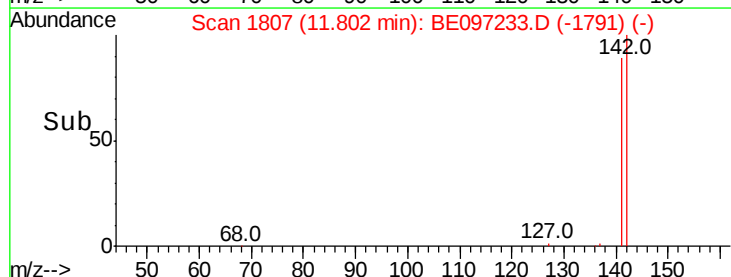
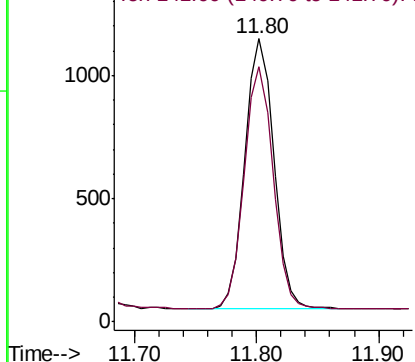
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8

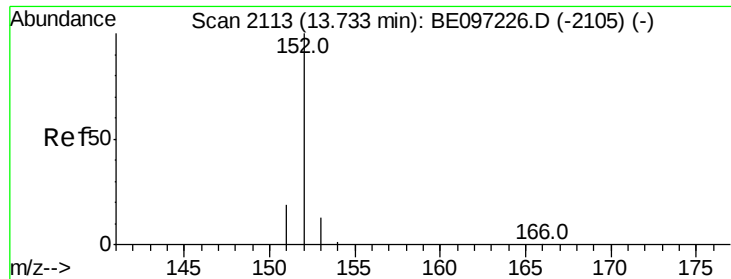


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.415 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

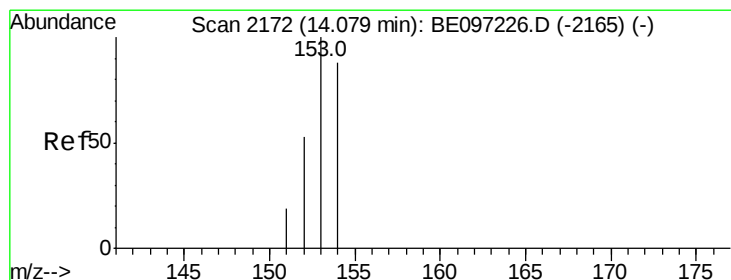
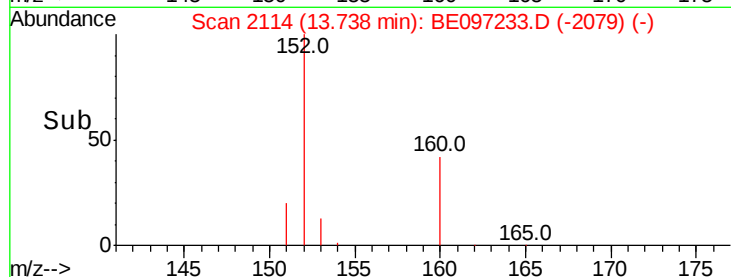
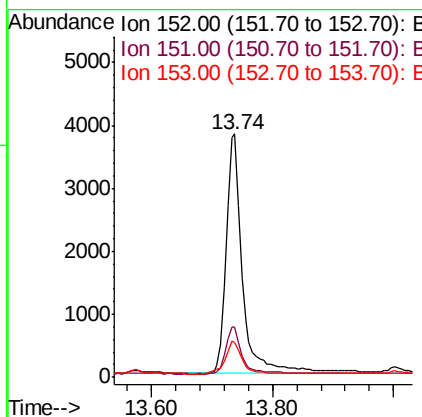
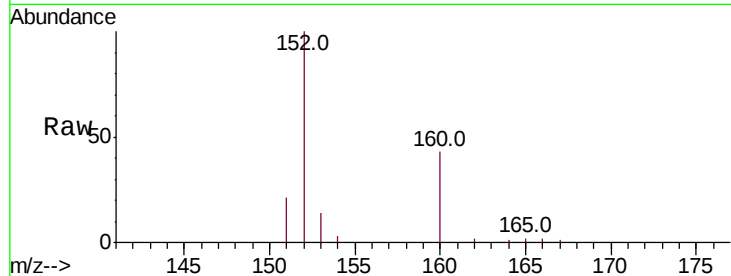
ClientSampled :

C0AC3

Tot Ion:	152	Resp:	7220
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	14.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.250 ng/ul

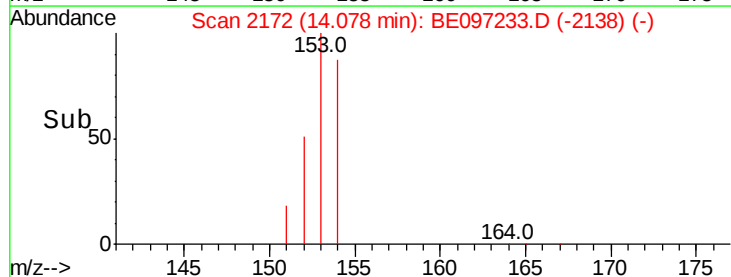
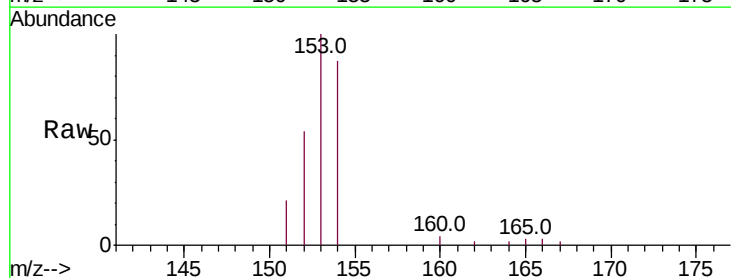
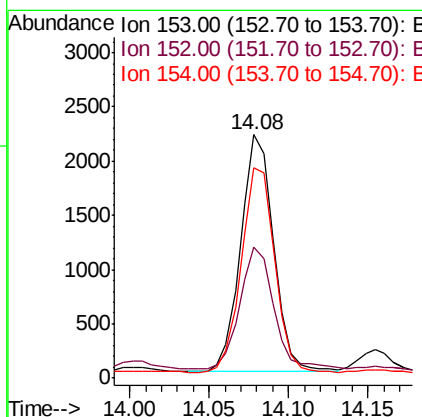
RT: 14.08 min Scan# 2172

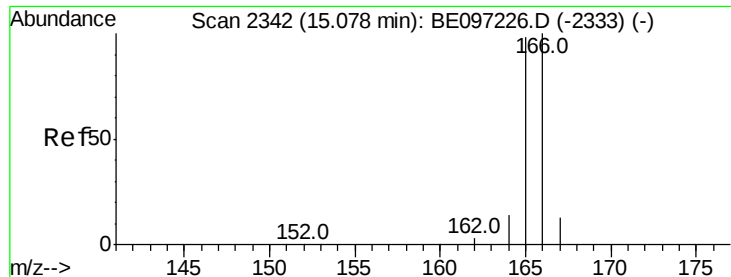
Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Tgt Ion:	153	Resp:	3143
Ion Ratio	Lower	Upper	
153	100		
152	54.0	36.0	54.0#
154	86.5	72.0	108.0





#9

Fluorene

Concen: 0.325 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampleId :

C0AC3

Tot Ion:166 Resp: 4708

Ion Ratio Lower Upper

166 100

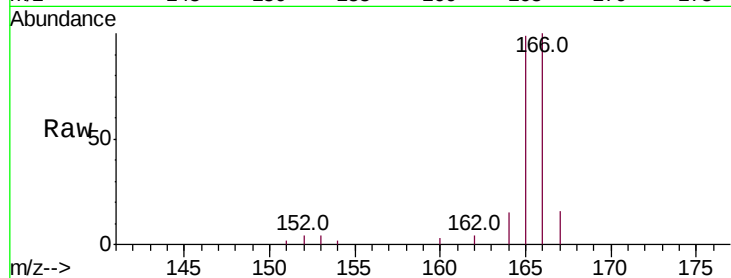
165 98.7 73.4 110.2

167 16.2 14.6 22.0

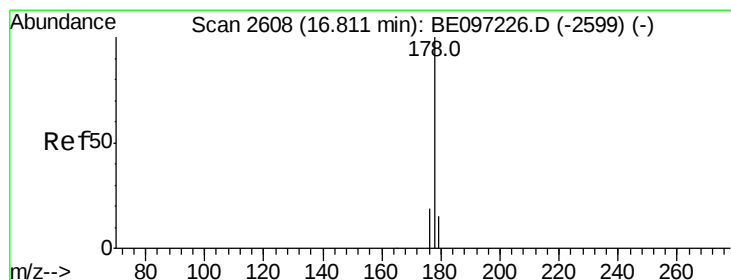
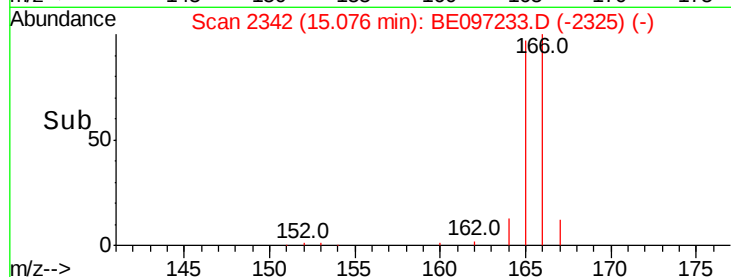
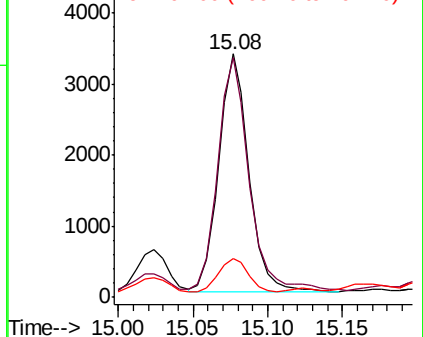
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 6.051 ng/ul m

RT: 16.81 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

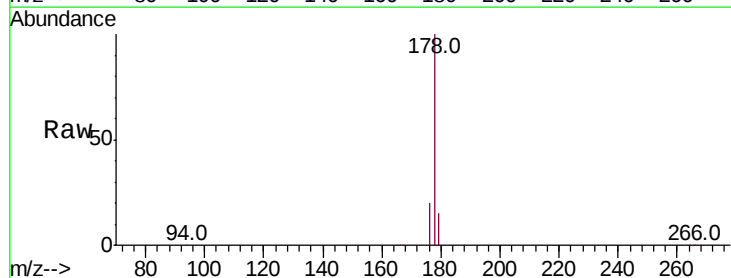
Tgt Ion:178 Resp: 144987

Ion Ratio Lower Upper

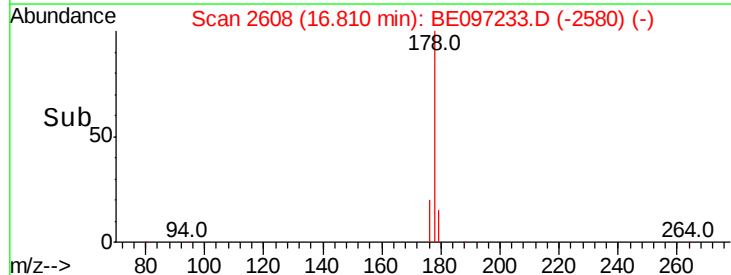
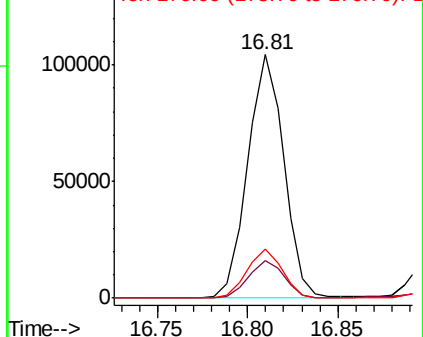
178 100

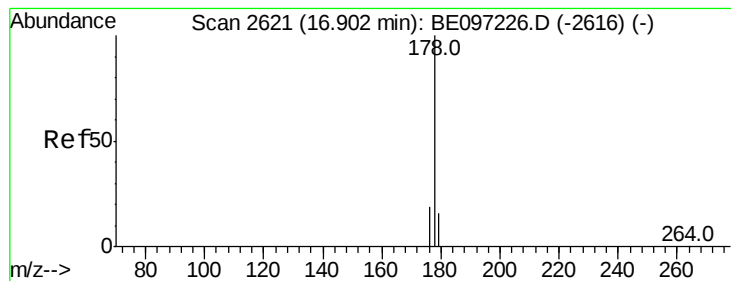
179 15.4 18.4 27.6#

176 20.0 13.6 20.4



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





#13

Anthracene

Concen: 0.979 ng/ul m

RT: 16.90 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampleId :

C0AC3

Tot Ion:178 Resp: 21875

Ion Ratio Lower Upper

178 100

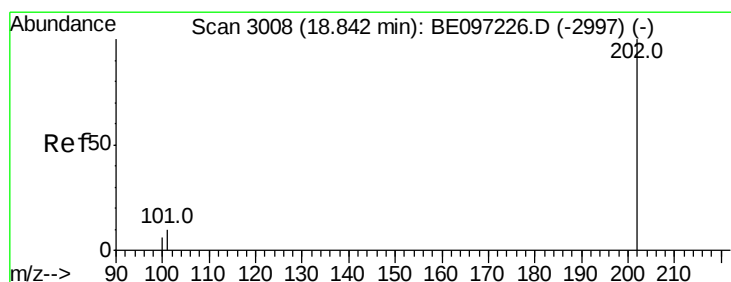
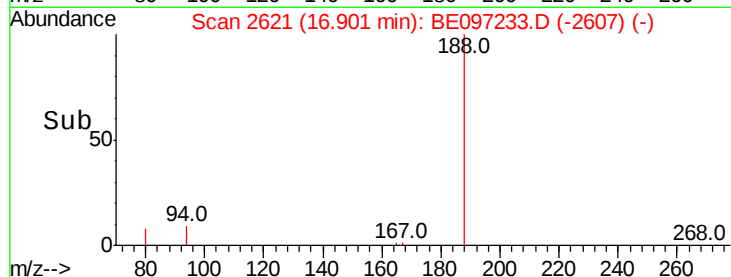
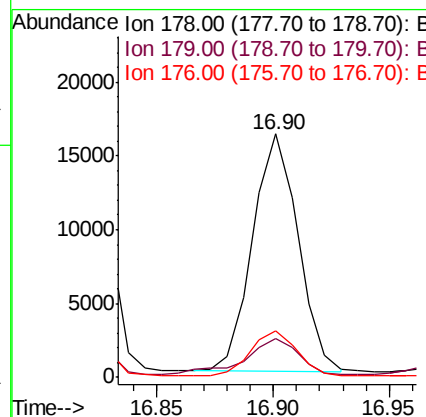
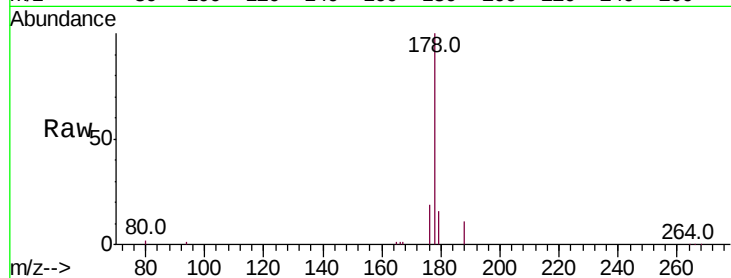
179 15.9 18.1 27.1#

176 19.0 14.7 22.1

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#15

Fluoranthene

Concen: 15.388 ng/ul m

RT: 18.84 min Scan# 3008

Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

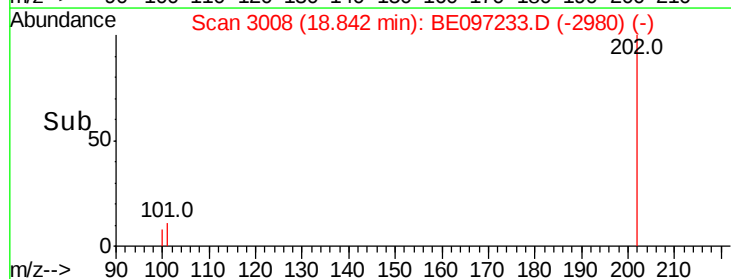
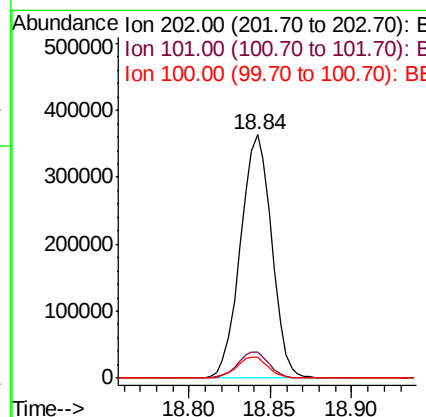
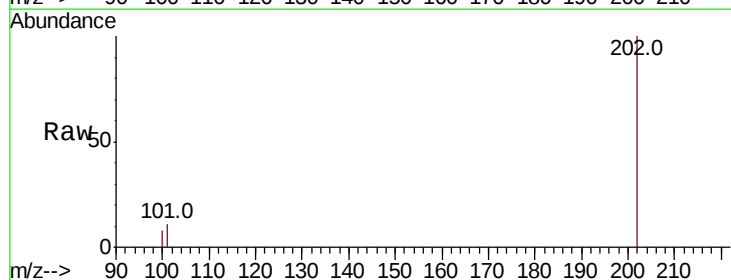
Tgt Ion:202 Resp: 487348

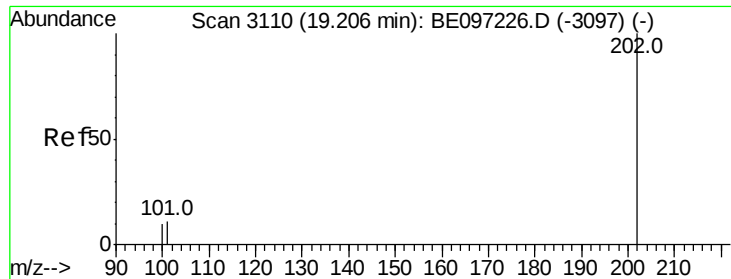
Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

100 8.4 0.0 39.5





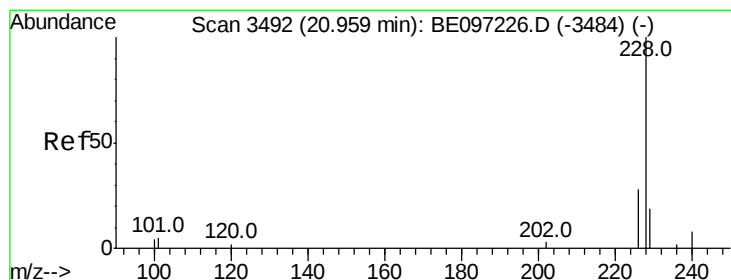
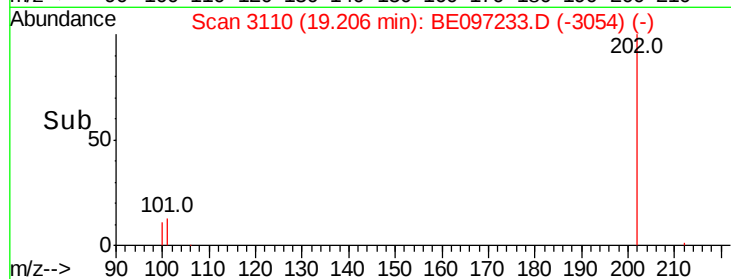
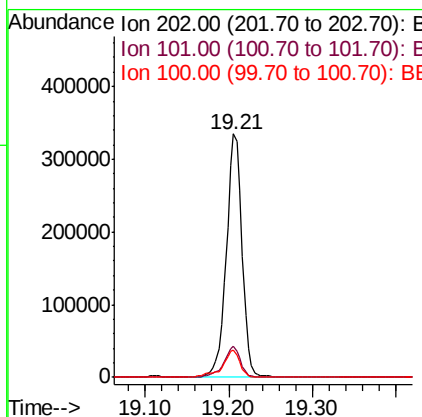
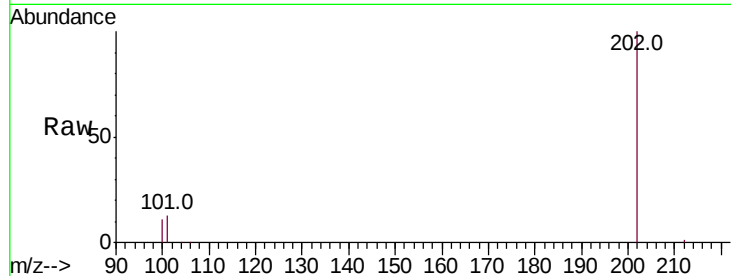
#17
Pvrene
Concen: 17.010 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

Instrument :
BNA_E
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	11.1	15.6	23.4#

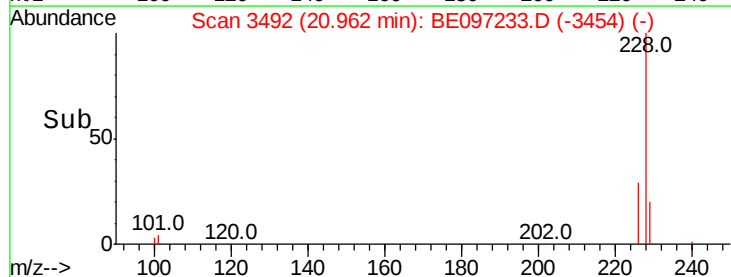
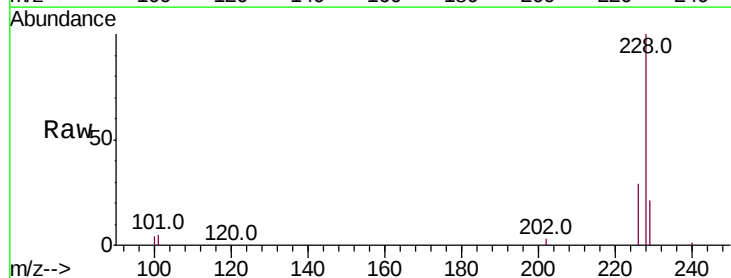
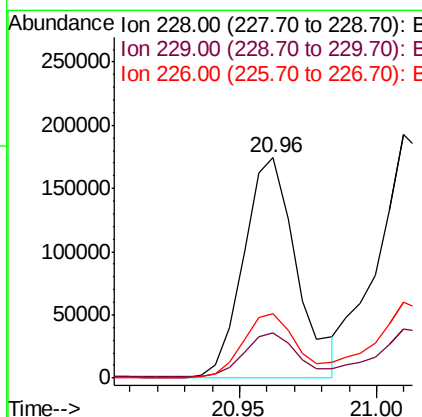
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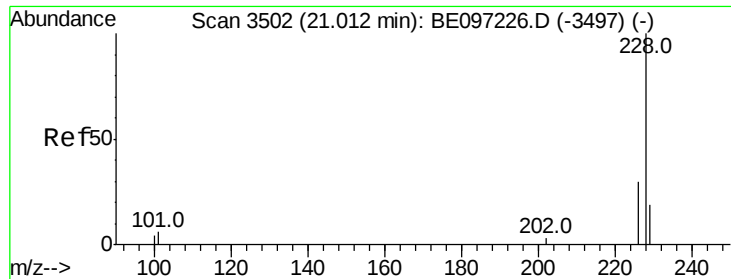
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#18
Benzo(a)anthracene
Concen: 8.524 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	29.4	17.0	25.6#





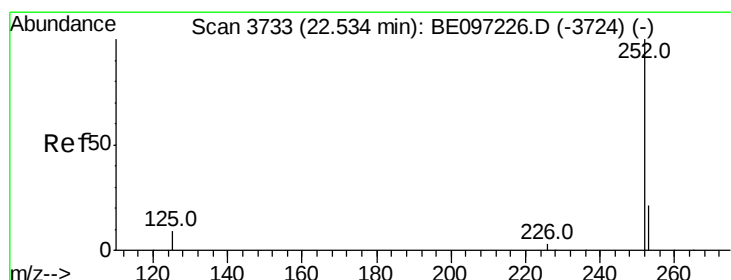
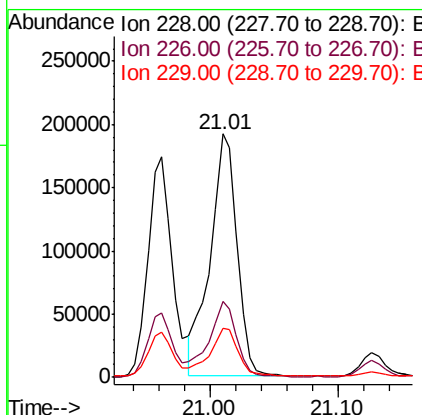
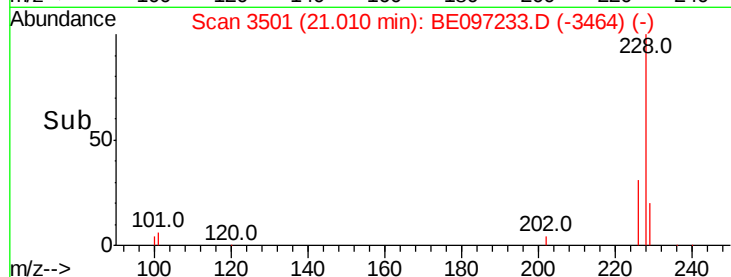
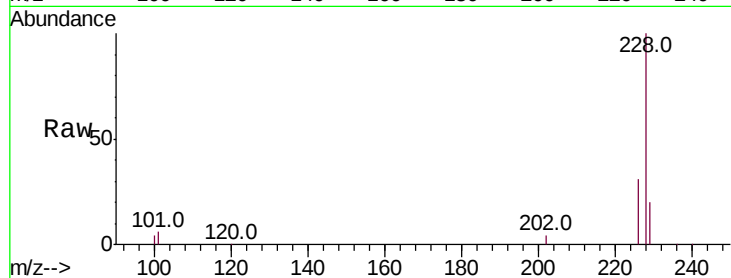
#19
Chrysene
Concen: 9.919 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

Instrument :
BNA_E
ClientSampled :
C0AC3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	20.2	17.7	26.5

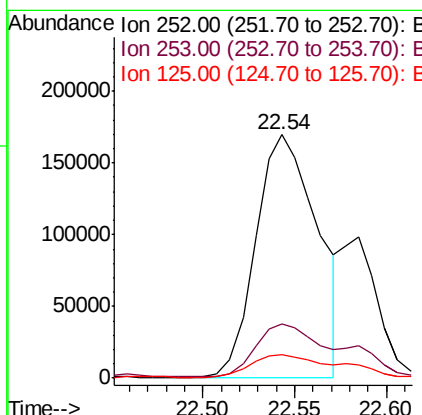
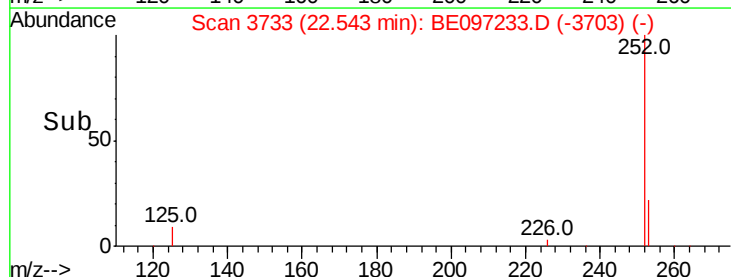
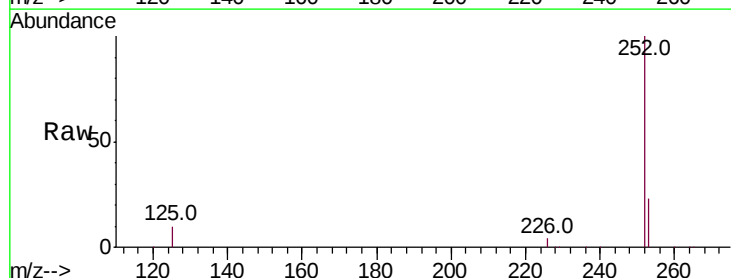
Manual Integrations
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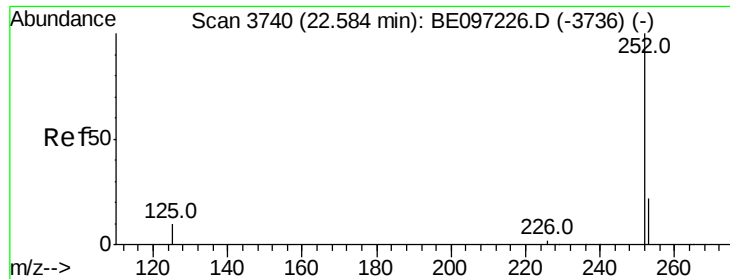
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#21
Benzo(b)fluoranthene
Concen: 15.207 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	9.6	0.0	35.0





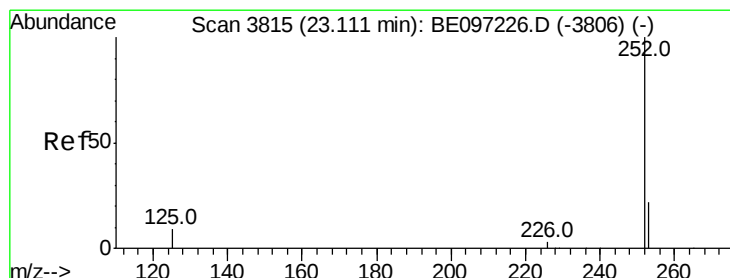
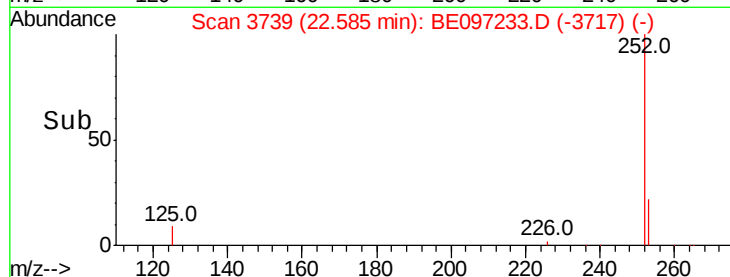
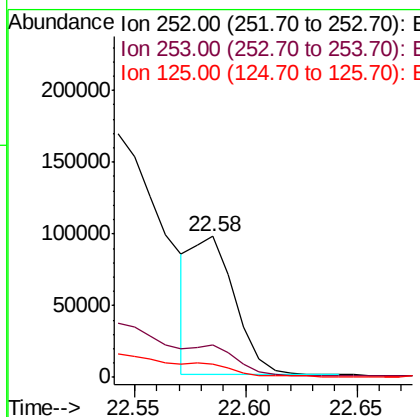
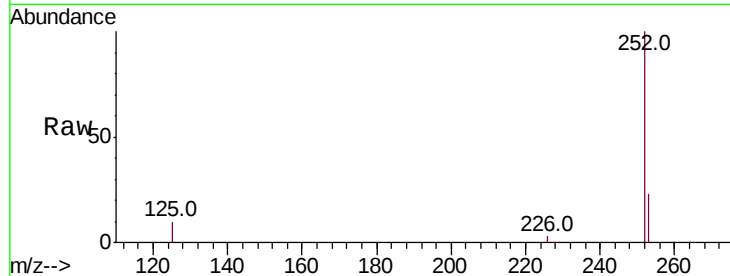
#22
Benzo(k)fluoranthene
Concen: 4.627 ng/ul m
RT: 22.58 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

Instrument :
BNA_E
ClientSampled :
C0AC3

Tot Ion	Ratio	Resp	Lower	Upper
252	100	130211		
253	23.0	24.5	36.7#	
125	9.8	13.7	20.5#	

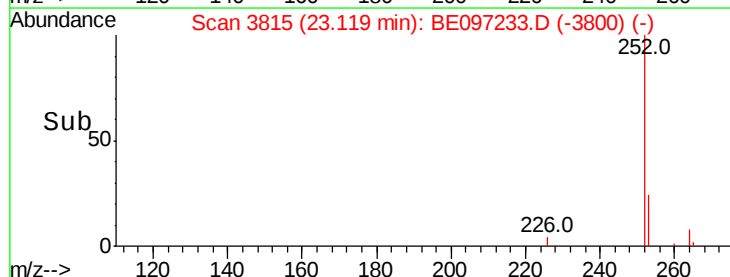
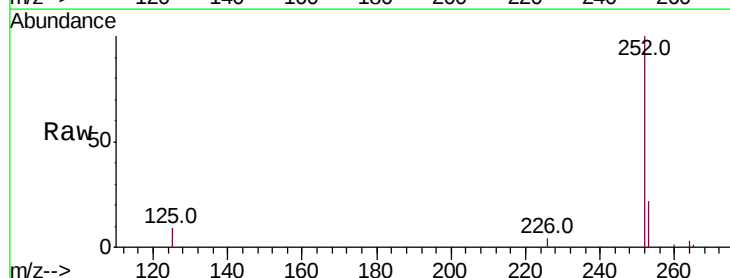
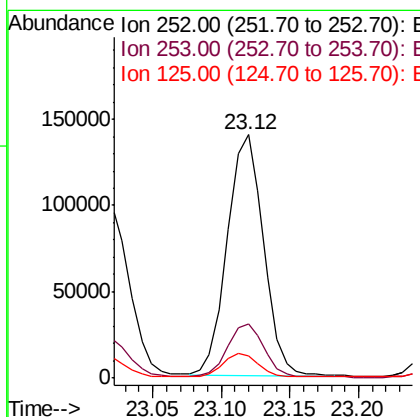
Manual Integrations
APPROVED

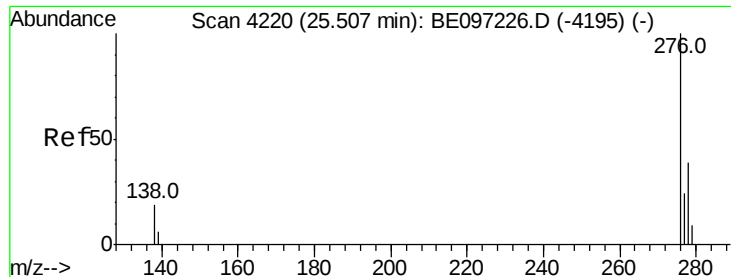
Sohil
8/9/2018 4:43:02 PM



#23
Benzo(a)pyrene
Concen: 9.761 ng/ul m
RT: 23.12 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	254921		
253	22.5	28.5	42.7#	
125	8.9	18.1	27.1#	





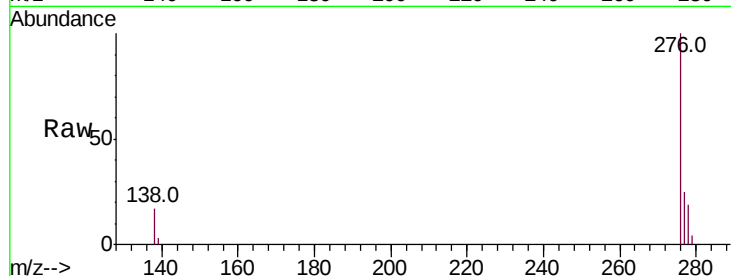
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.280 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

Instrument :
BNA_E
ClientSampleId :
C0AC3

Tot Ion	Ratio	Resp	Lower	Upper
276	100	205262		
138	17.1	28.0	42.0#	
227	0.0	8.0	12.0#	

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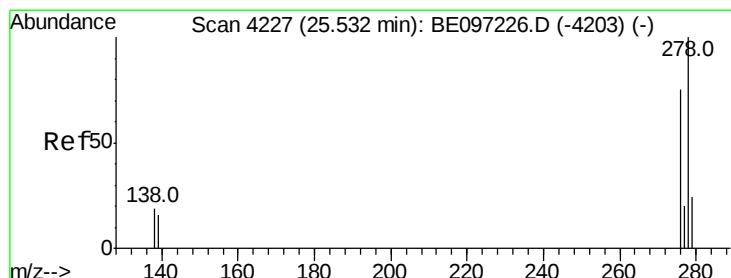
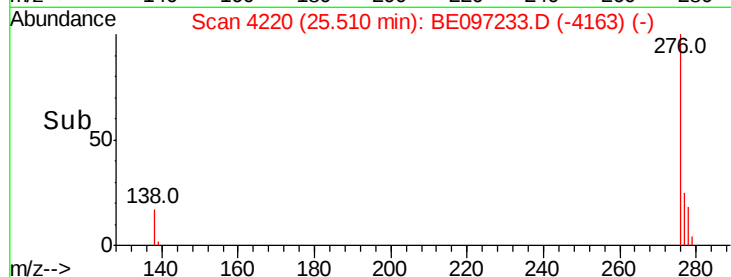
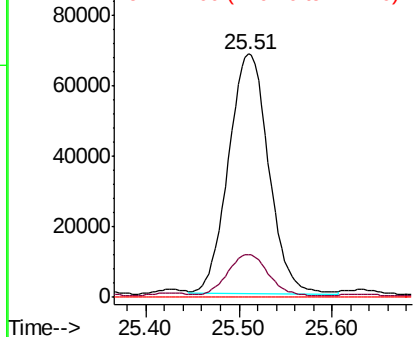


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 1.741 ng/ul m
RT: 25.52 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BE097233.D
Acq: 8 Aug 2018 13:47

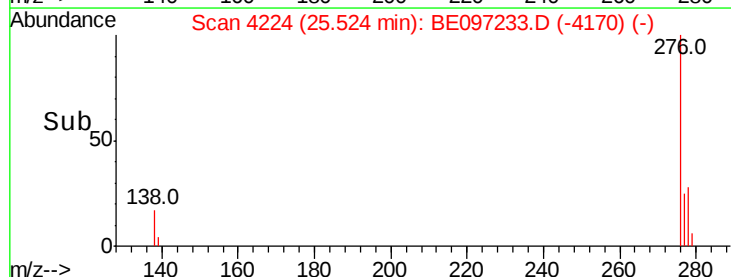
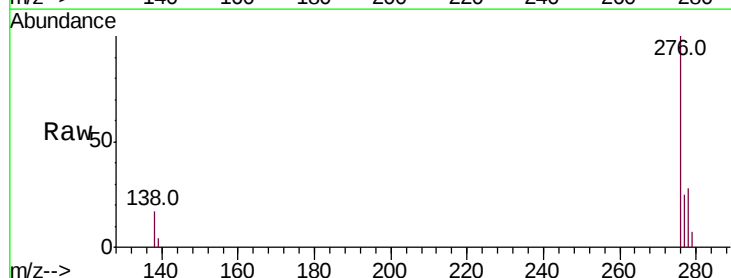
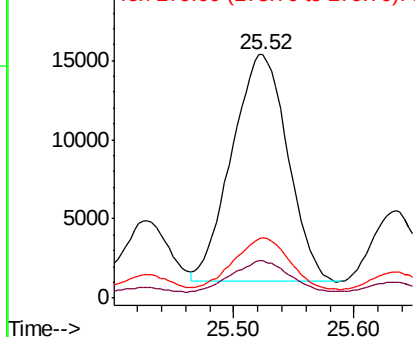
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	46555		
139	15.6	17.4	26.0#	
279	24.7	25.9	38.9#	

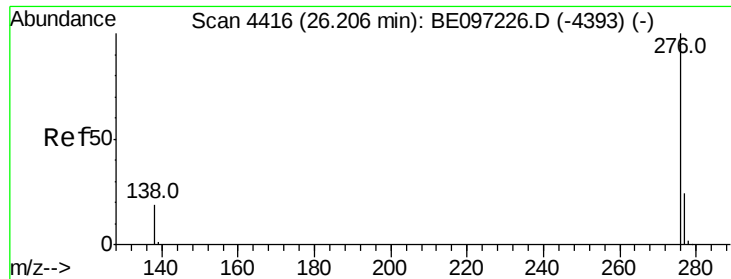
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





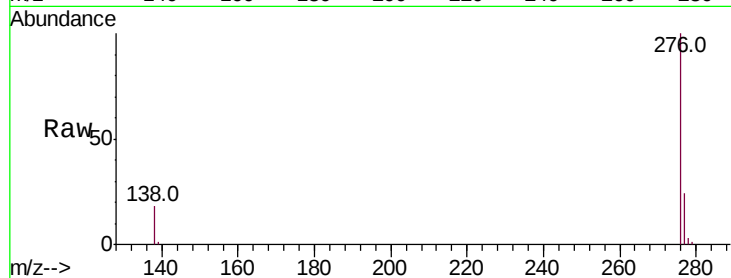
#26
 Benzo(a,h,i)perylene
 Concen: 7.107 ng/ul
 RT: 26.21 min Scan# 4416
 Delta R.T. 0.00 min
 Lab File: BE097233.D
 Acq: 8 Aug 2018 13:47

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
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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

