

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097232.D
 Acq On : 8 Aug 2018 13:11
 Operator : SJ/JU
 Sample : J4268-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

Sohil
 8/9/2018 4:42:59 PM

Quant Time: Aug 09 00:18:24 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	1199	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6503	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3960	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9243m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9540m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8551m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2177	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	6475m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	8249	0.524	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	4283	0.412	ng/ul	98
7) Acenaphthylene	13.73	152	7885	0.461	ng/ul	98
8) Acenaphthene	14.08	153	2806	0.227	ng/ul	93
9) Fluorene	15.08	166	3600	0.253	ng/ul	93
12) Phenanthrene	16.81	178	98964m	4.200	ng/ul	
13) Anthracene	16.90	178	17874m	0.813	ng/ul	
15) Fluoranthene	18.84	202	328788m	10.557	ng/ul	
17) Pyrene	19.21	202	308799	12.080	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	165050m	6.054	ng/ul	
19) Chrysene	21.01	228	204316	7.273	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	296447m	12.720	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	93447m	3.719	ng/ul	
23) Benzo(a)pyrene	23.12	252	193488m	8.296	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	149481m	5.121	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	35153m	1.472	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	150465m	5.965	ng/ul	

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

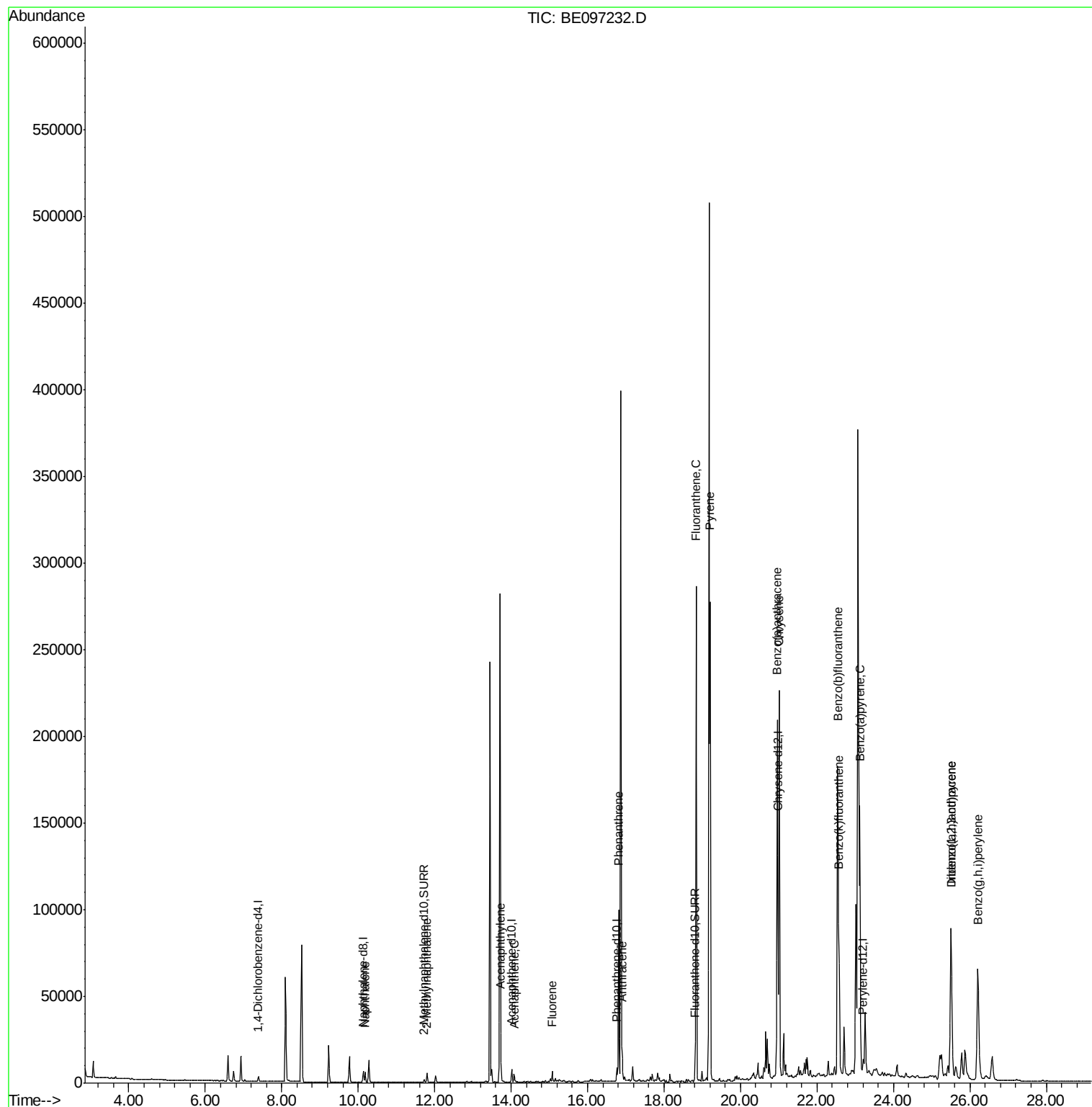
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
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Sample : J4268-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

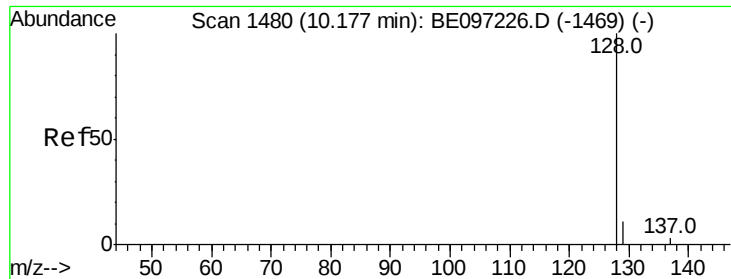
Instrument :
BNA_E
ClientSampleId :
C0AC4

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Quant Time: Aug 09 00:18:24 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





#3

Naphthalene

Concen: 0.524 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

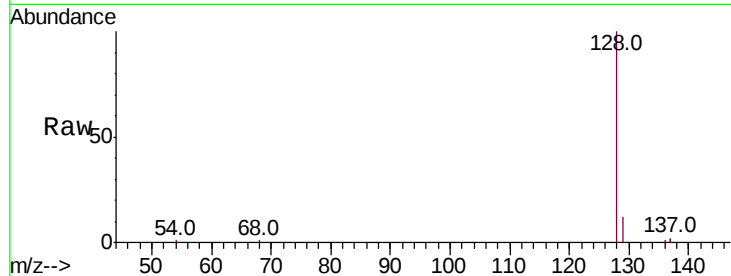
ClientSampleId :

C0AC4

Tot Ion:	128	Resp:	8249
Ion Ratio	Lower	Upper	
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0#

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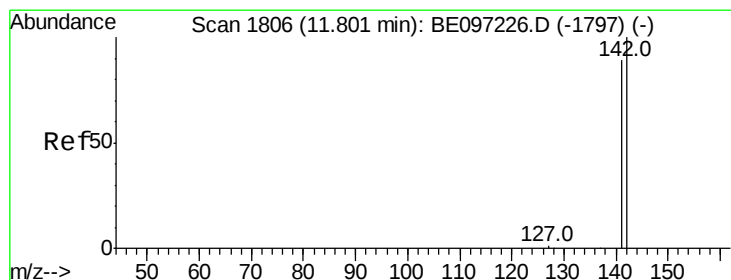
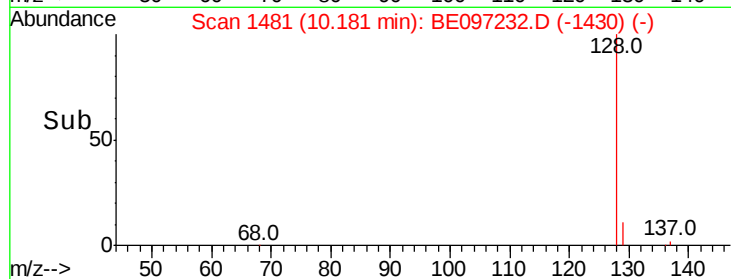
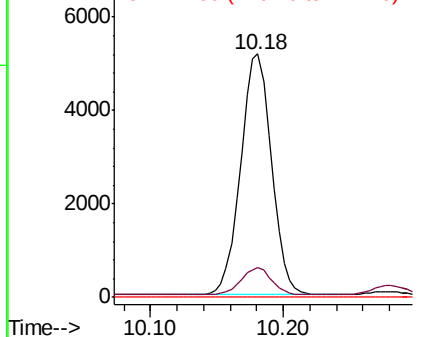
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.412 ng/ul

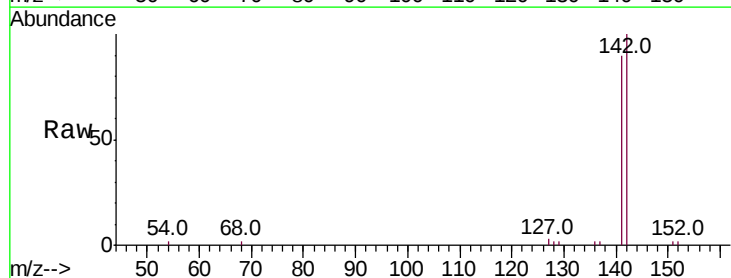
RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097232.D

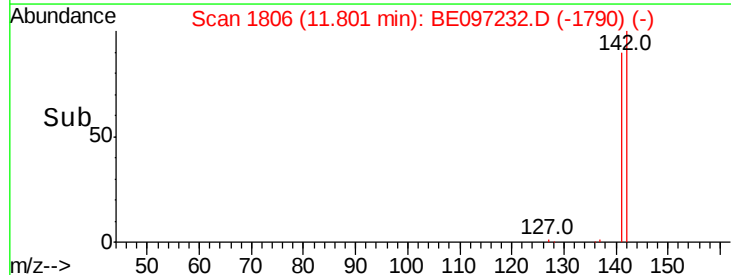
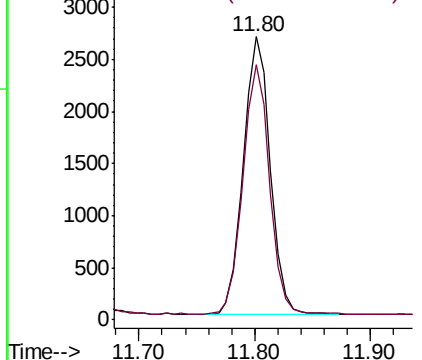
Acq: 8 Aug 2018 13:11

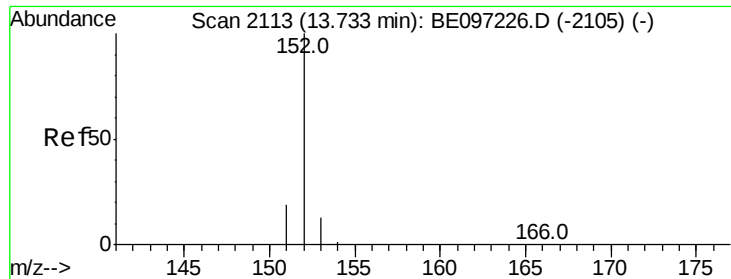
Tgt Ion:	142	Resp:	4283
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.461 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

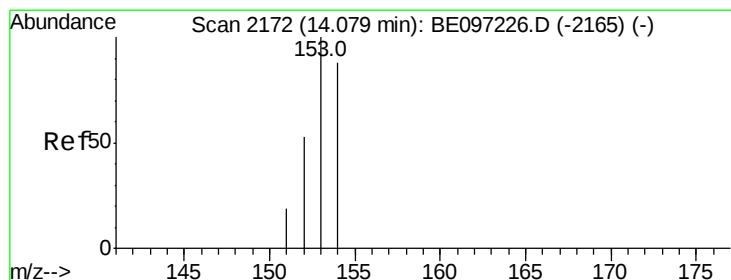
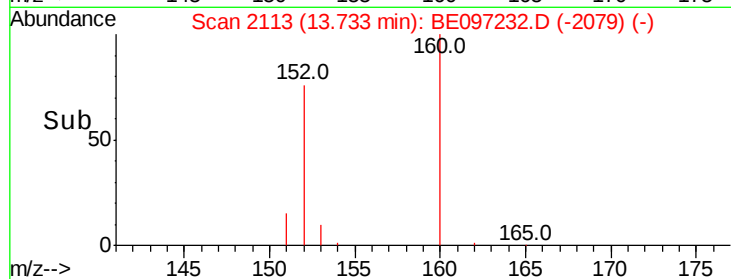
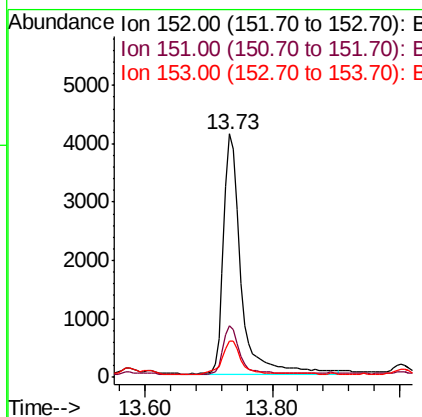
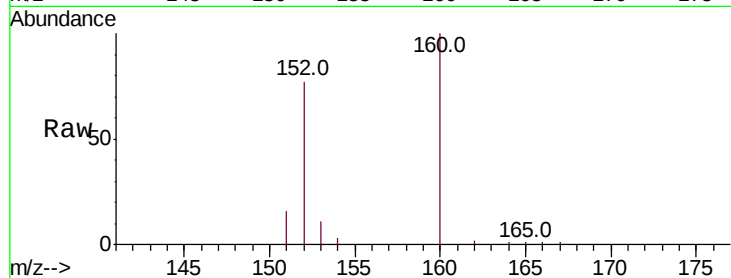
ClientSampleId :

C0AC4

Tot Ion:	152	Resp:	7885
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	14.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.227 ng/ul

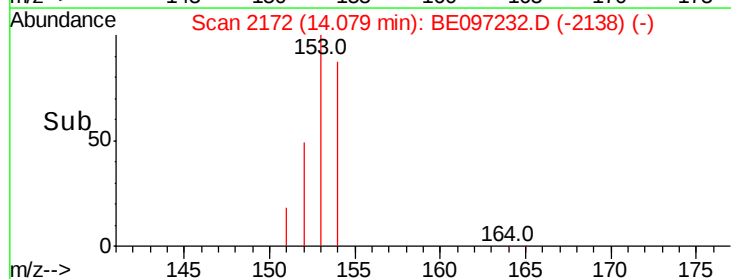
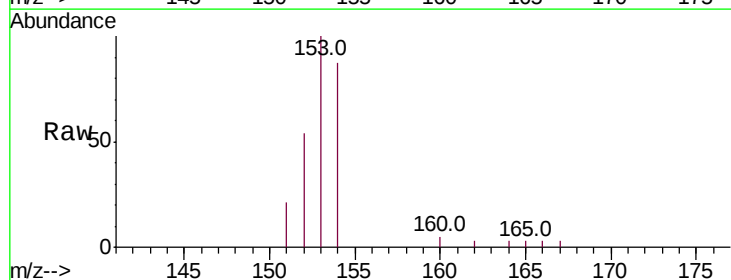
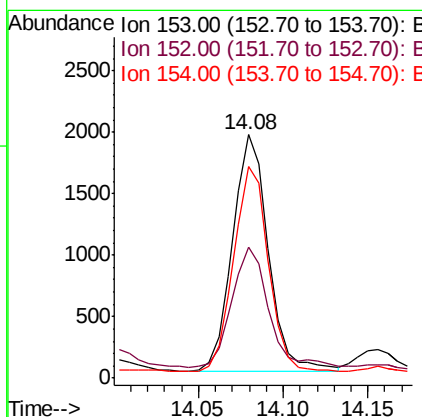
RT: 14.08 min Scan# 2172

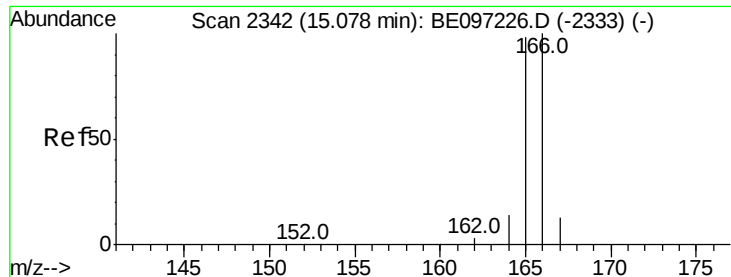
Delta R.T. 0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Tgt Ion:	153	Resp:	2806
Ion Ratio	Lower	Upper	
153	100		
152	54.0	36.0	54.0
154	86.8	72.0	108.0





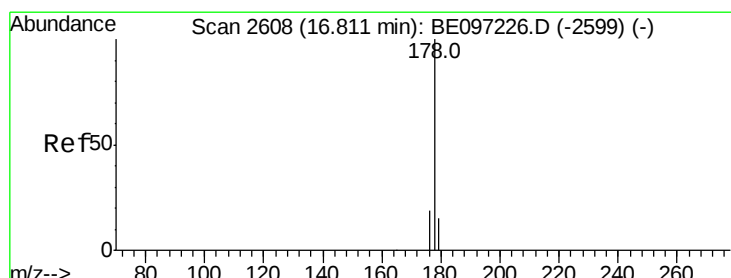
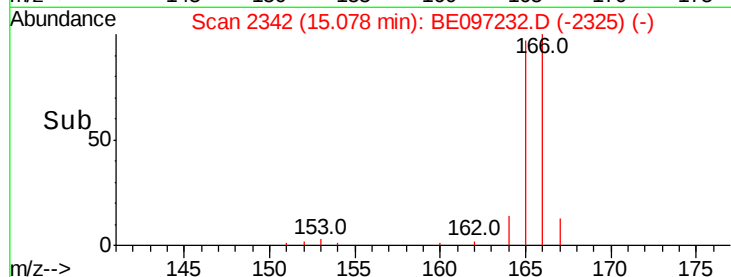
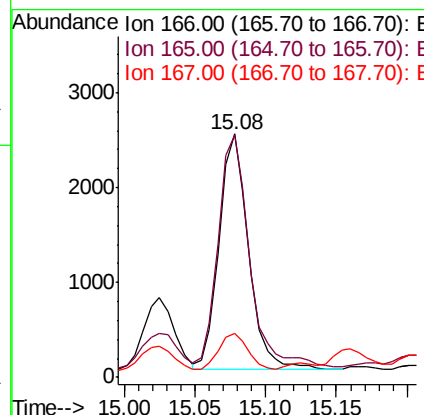
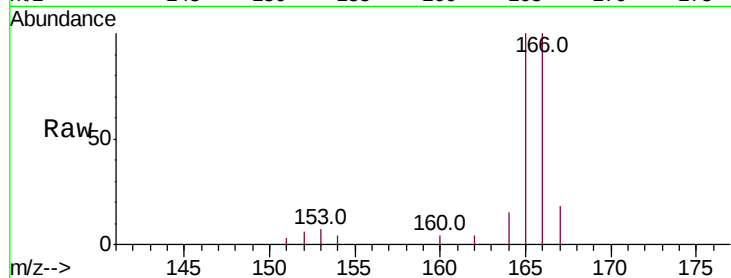
#9
Fluorene
 Concen: 0.253 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	18.2	14.6	22.0

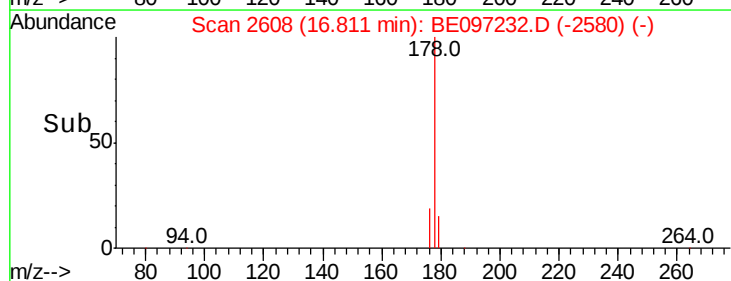
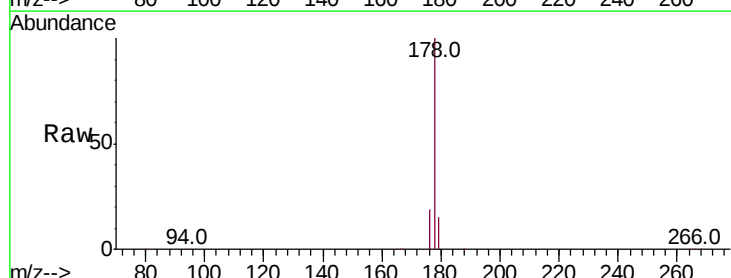
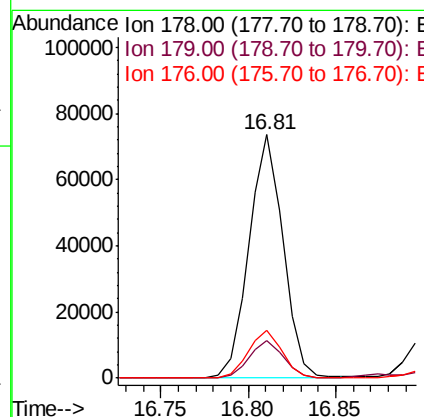
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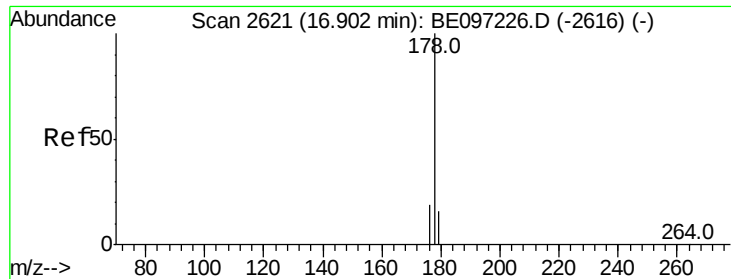
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#12
Phenanthrene
 Concen: 4.200 ng/ul m
 RT: 16.81 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.4	13.6	20.4





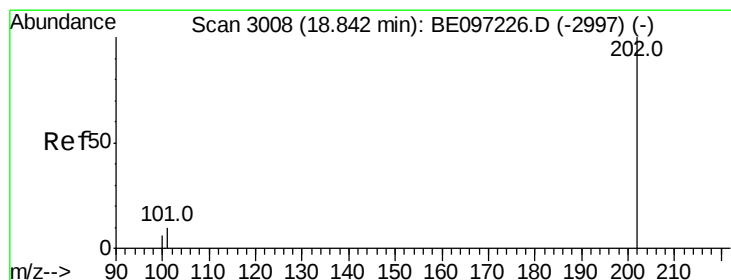
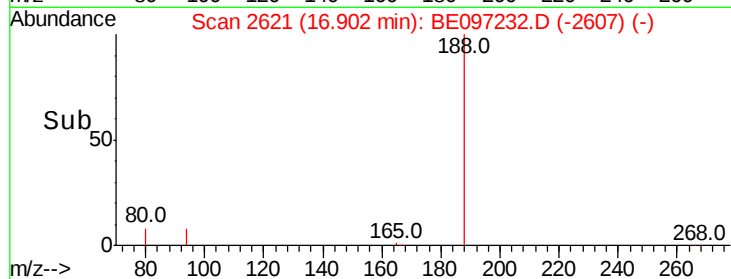
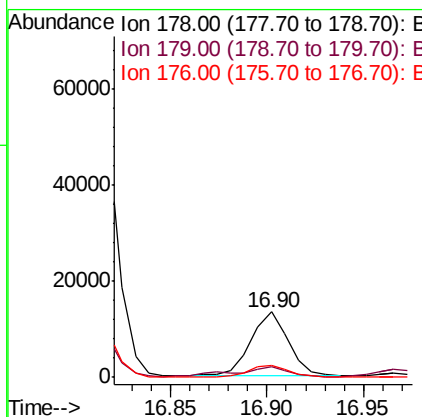
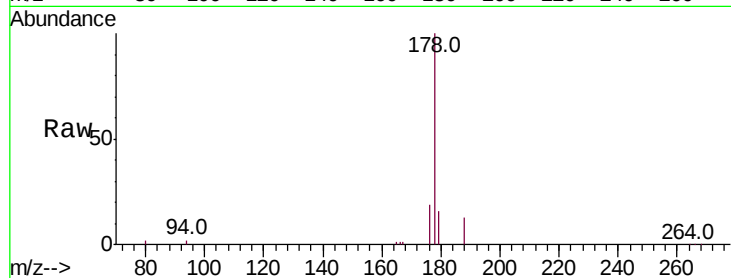
#13
 Anthracene
 Concen: 0.813 ng/ul m
 RT: 16.90 min Scan# 2621
 Delta R.T. -0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion:178 Resp: 17874
 Ion Ratio Lower Upper
 178 100
 179 16.0 18.1 27.1#
 176 18.7 14.7 22.1

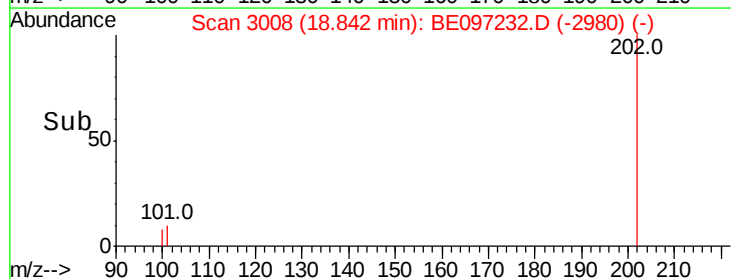
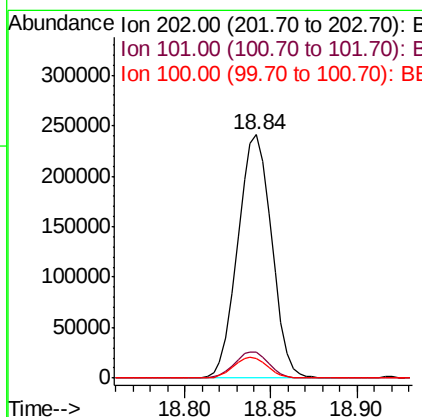
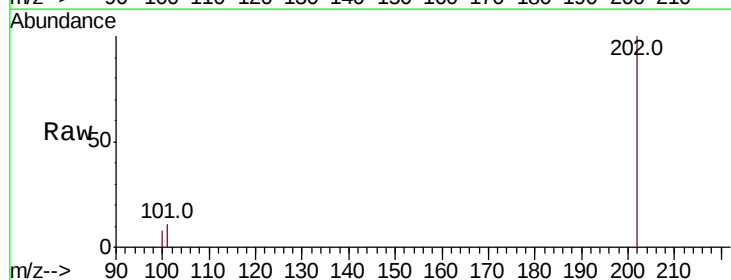
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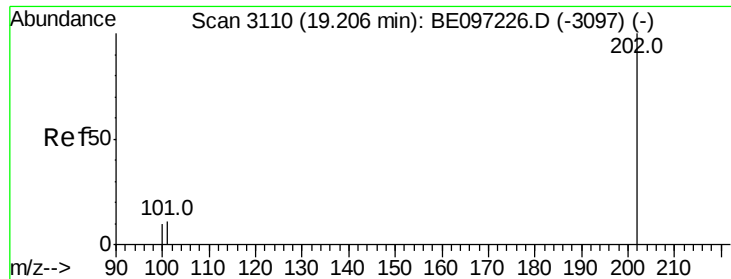
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#15
 Fluoranthene
 Concen: 10.557 ng/ul m
 RT: 18.84 min Scan# 3008
 Delta R.T. -0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Tgt Ion:202 Resp: 328788
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 30.3
 100 8.3 0.0 39.5





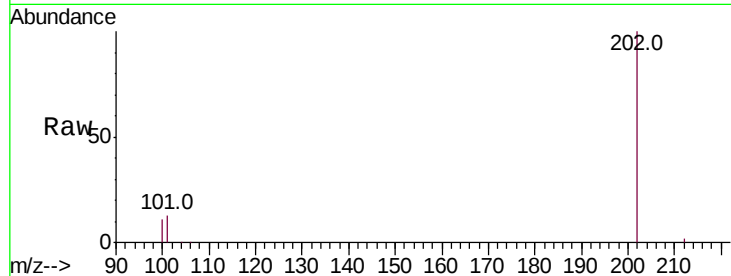
#17
Pvrene
Concen: 12.080 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097232.D
Acq: 8 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
C0AC4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	11.0	15.6	23.4#

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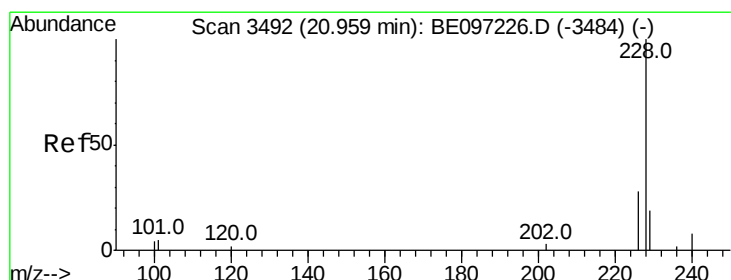
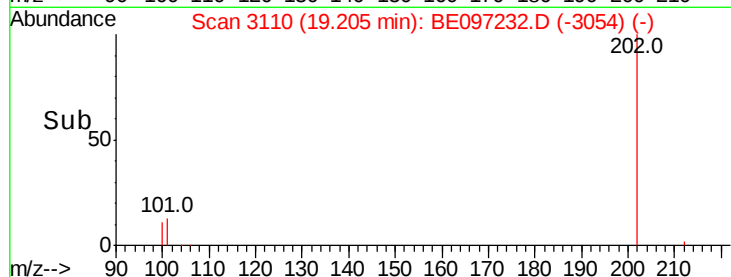
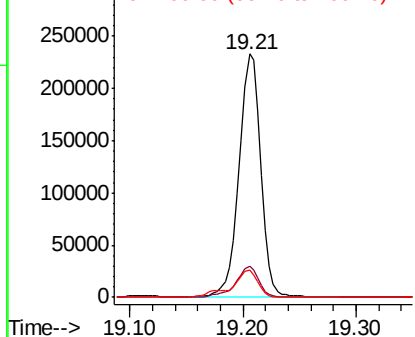


Abundance

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: 6.054 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097232.D
Acq: 8 Aug 2018 13:11

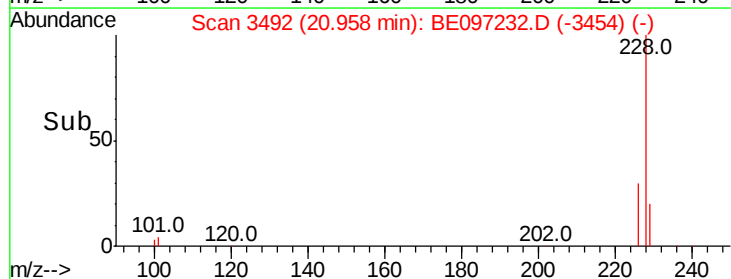
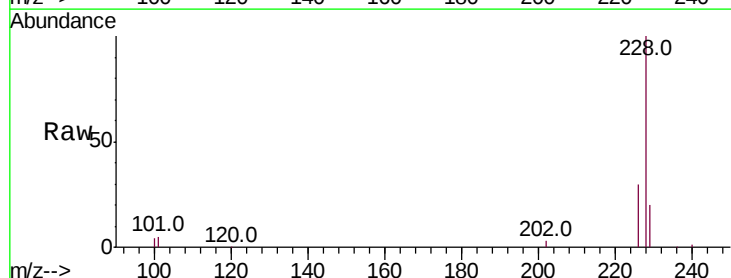
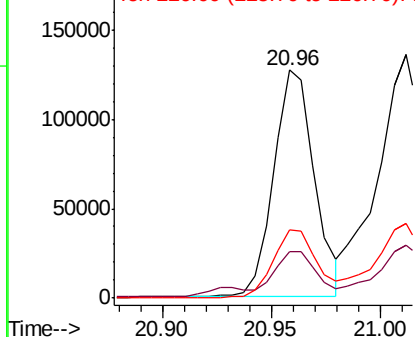
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	22.8	34.2#
226	30.1	17.0	25.6#

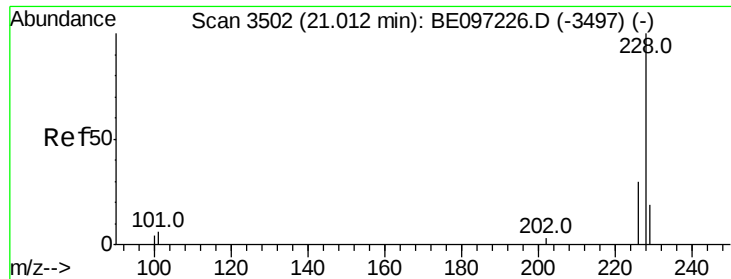
Abundance

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: 7.273 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

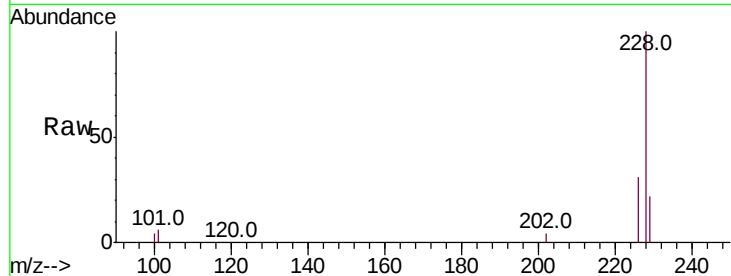
ClientSampleId :

C0AC4

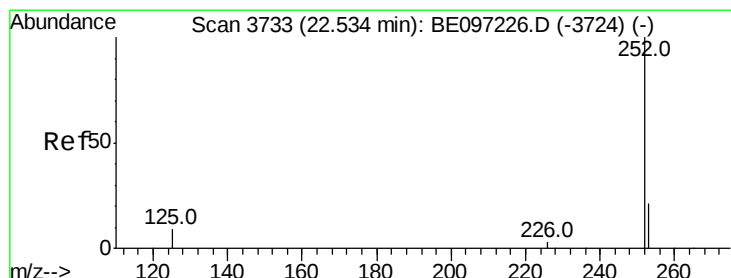
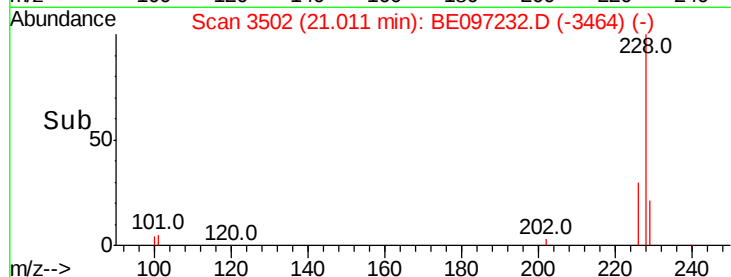
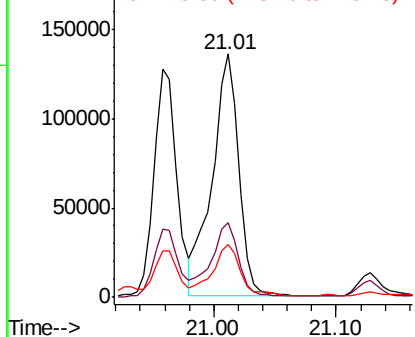
Tot Ion:	228	Resp:	204316
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	21.7	17.7	26.5

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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: 12.720 ng/ul m

RT: 22.54 min Scan# 3734

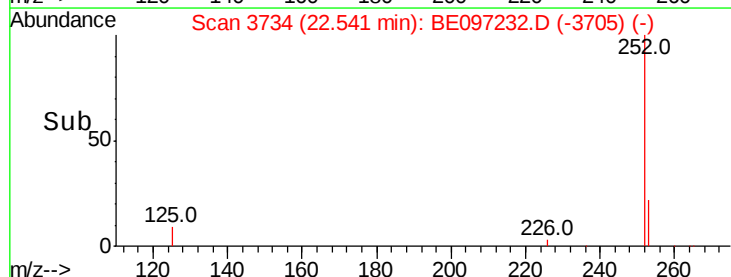
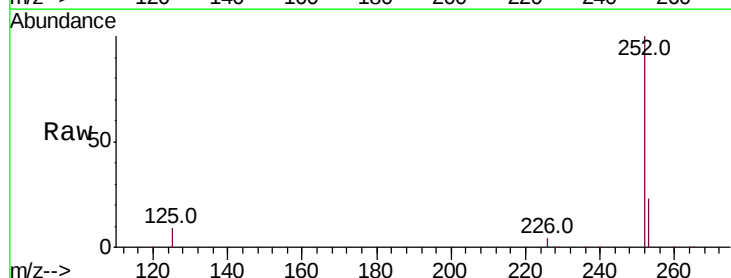
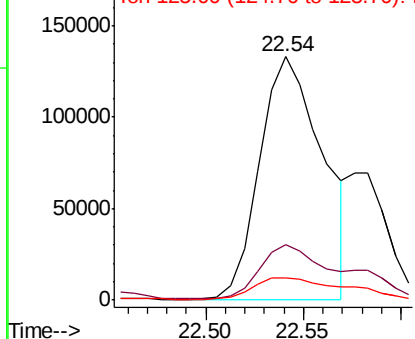
Delta R.T. 0.01 min

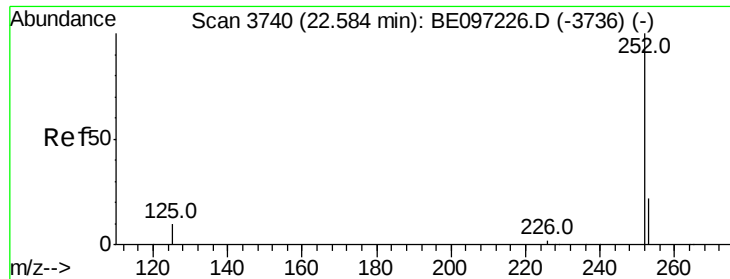
Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Tgt Ion:	252	Resp:	296447
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	9.4	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





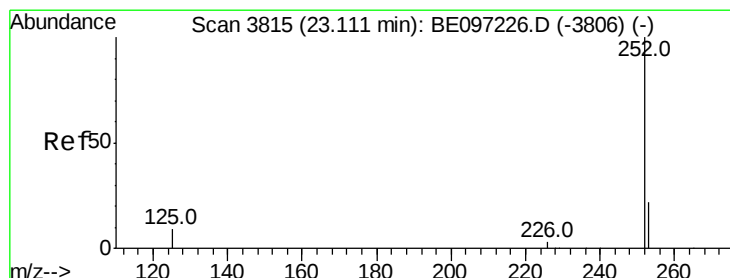
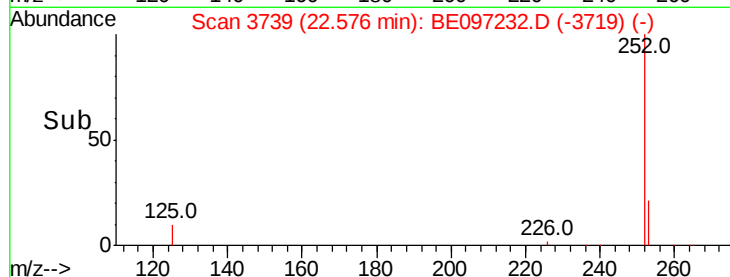
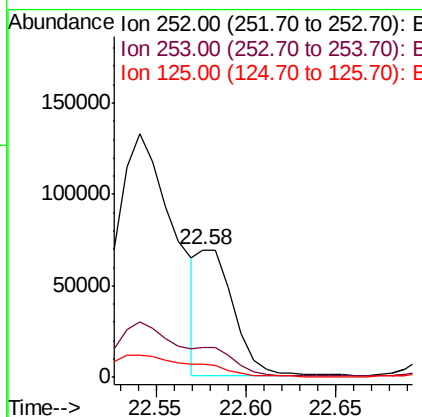
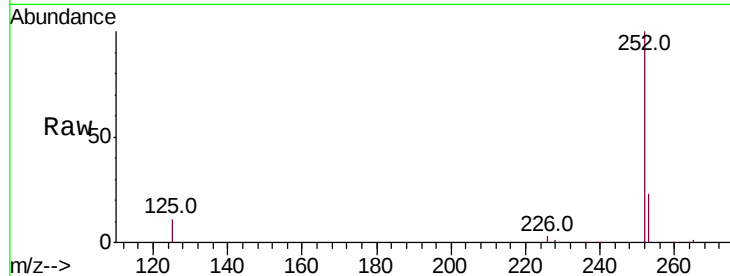
#22
Benzo(k)fluoranthene
Concen: 3.719 ng/ul m
RT: 22.58 min Scan# 3739
Delta R.T. -0.01 min
Lab File: BE097232.D
Acq: 8 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.5	36.7#
125	10.5	13.7	20.5#

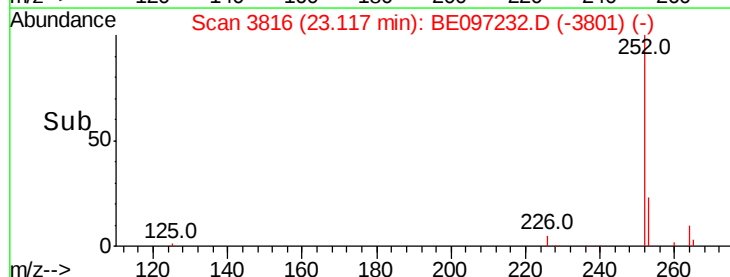
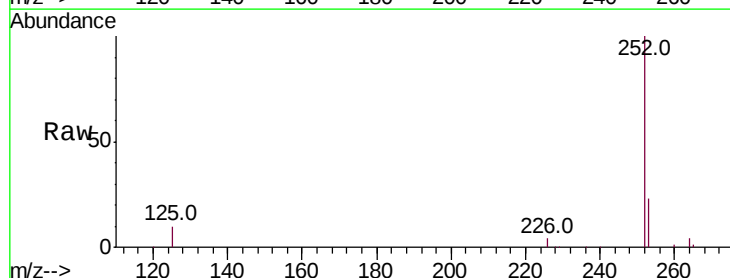
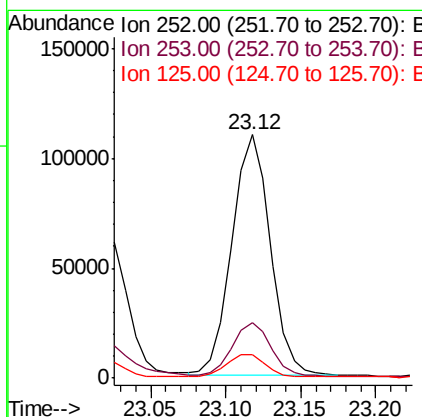
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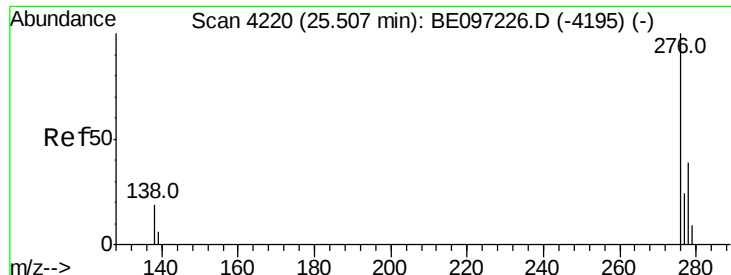
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#23
Benzo(a)pyrene
Concen: 8.296 ng/ul m
RT: 23.12 min Scan# 3816
Delta R.T. 0.01 min
Lab File: BE097232.D
Acq: 8 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	9.5	18.1	27.1#





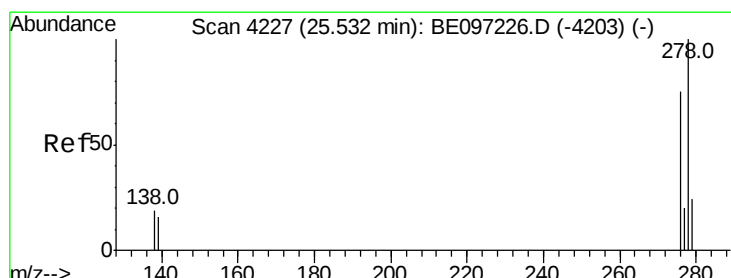
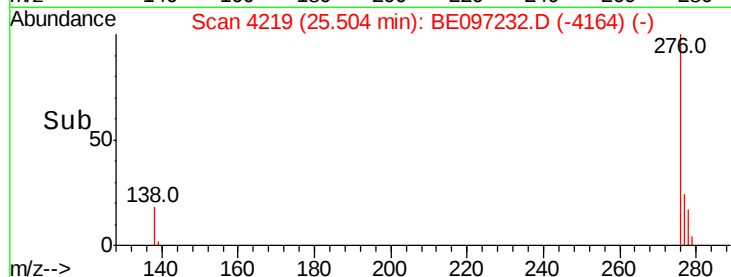
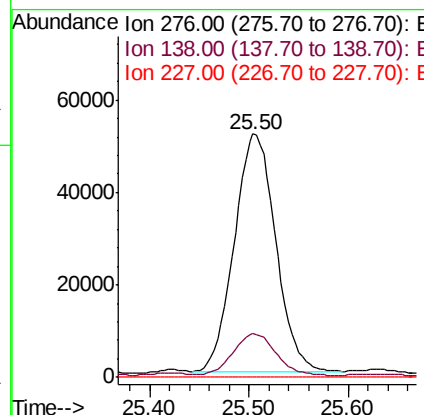
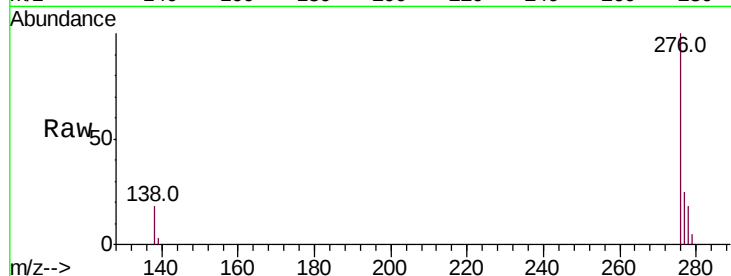
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.121 ng/ul m
 RT: 25.50 min Scan# 4219
 Delta R.T. -0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Resp	Lower	Upper
276	100	149481		
138	1.7	28.0	42.0#	
227	0.0	8.0	12.0#	

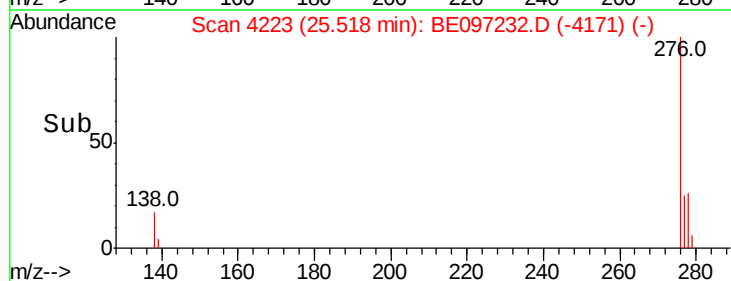
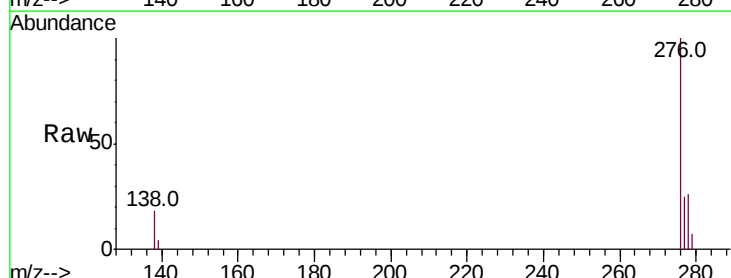
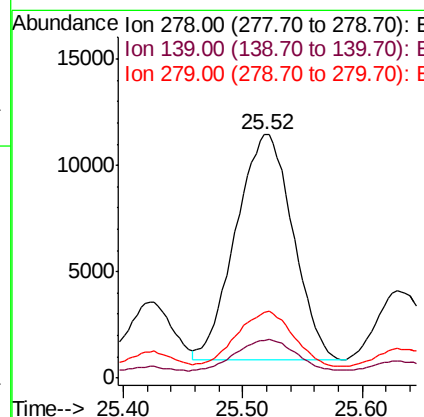
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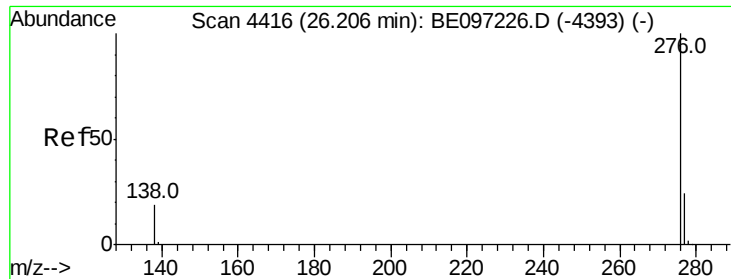
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.472 ng/ul m
 RT: 25.52 min Scan# 4223
 Delta R.T. -0.01 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	35153		
139	15.5	17.4	26.0#	
279	27.2	25.9	38.9	





#26
 Benzo(a,h,i)perylene
 Concen: 5.965 ng/ul m
 RT: 26.21 min Scan# 4417
 Delta R.T. 0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
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