

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097234.D
 Acq On : 8 Aug 2018 14:26
 Operator : SJ/JU
 Sample : J4268-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 8/9/2018 4:43:05 PM

Quant Time: Aug 09 00:39:13 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	1245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3962	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9545m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10026m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	9711m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1758	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5371m	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	24968	1.590	ng/ul#	91
5) 2-Methylnaphthalene	11.80	142	4423	0.426	ng/ul	98
7) Acenaphthylene	13.73	152	10806	0.631	ng/ul	97
8) Acenaphthene	14.08	153	2018	0.163	ng/ul#	93
9) Fluorene	15.08	166	5117	0.359	ng/ul	93
12) Phenanthrene	16.81	178	163384m	6.715	ng/ul	
13) Anthracene	16.90	178	24192m	1.066	ng/ul	
15) Fluoranthene	18.84	202	510986m	15.887	ng/ul	
17) Pyrene	19.21	202	430266	16.016	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	219888m	7.675	ng/ul	
19) Chrysene	21.01	228	269923	9.143	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	397762m	15.028	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	136763m	4.792	ng/ul	
23) Benzo(a)pyrene	23.12	252	255654m	9.653	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	218653	6.597	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.52	278	47414m	1.748	ng/ul	
26) Benzo(a,h,i)perylene	26.22	276	215276	7.515	ng/ul#	89

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

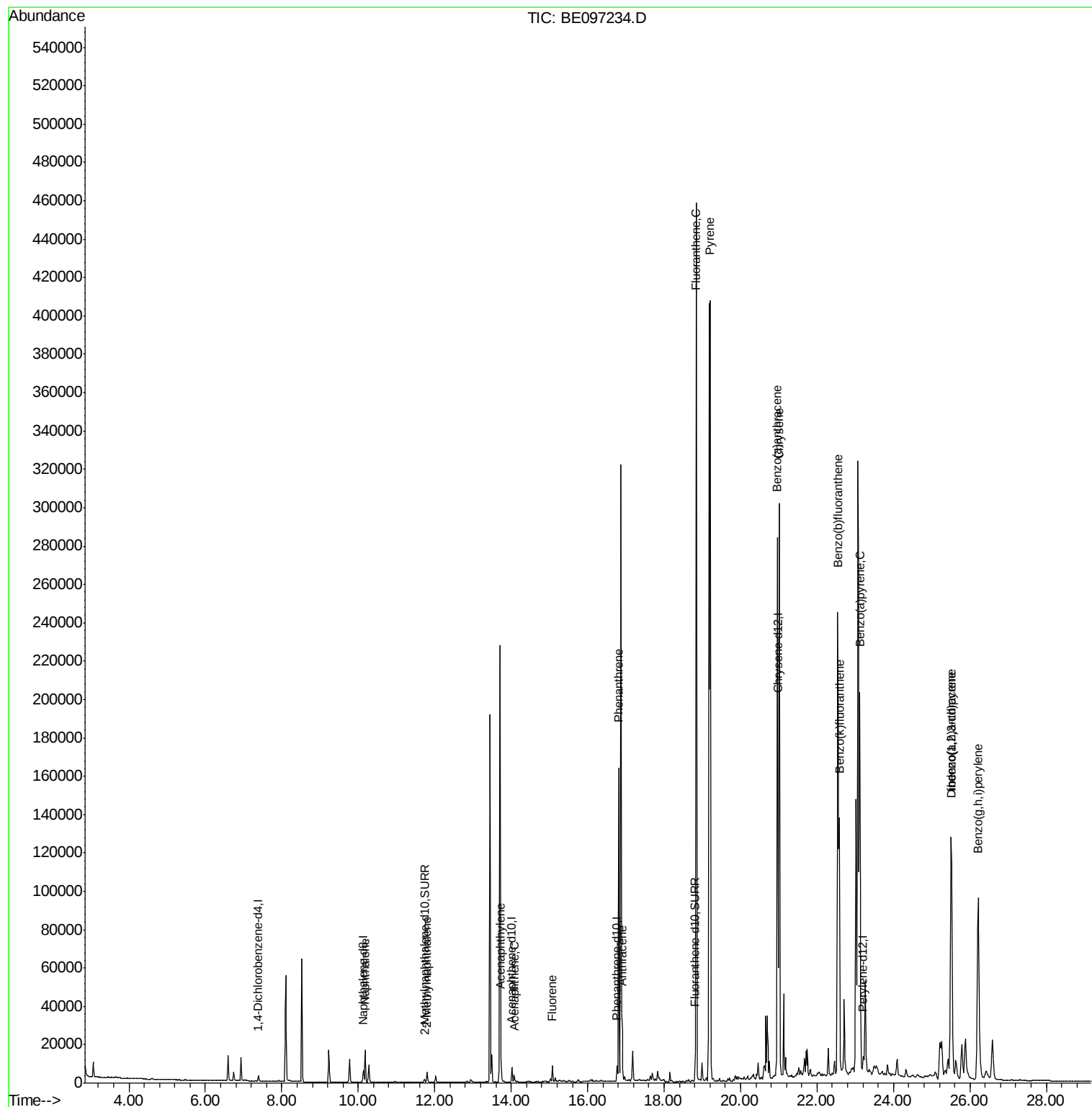
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
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ALS Vial : 10 Sample Multiplier: 1

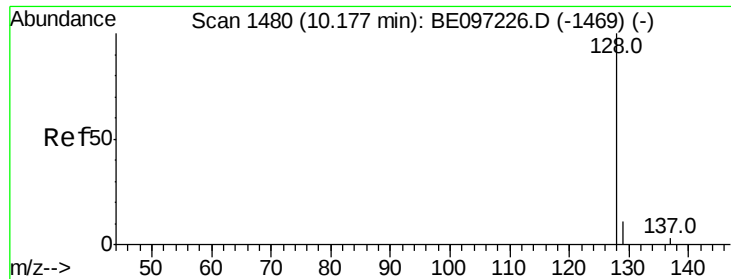
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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QLast Update : Wed Aug 08 23:25:58 2018
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#3

Naphthalene

Concen: 1.590 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AC6

Tot Ion:128 Resp: 24968

Ion Ratio Lower Upper

128 100

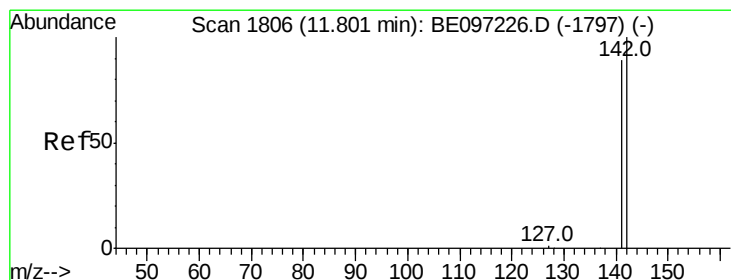
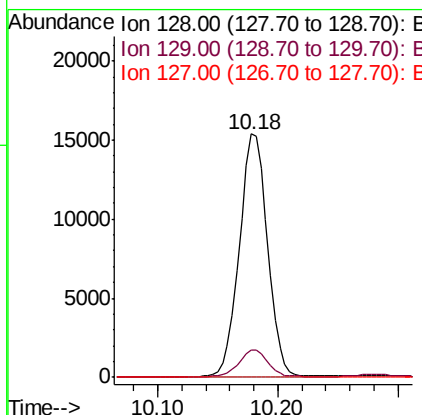
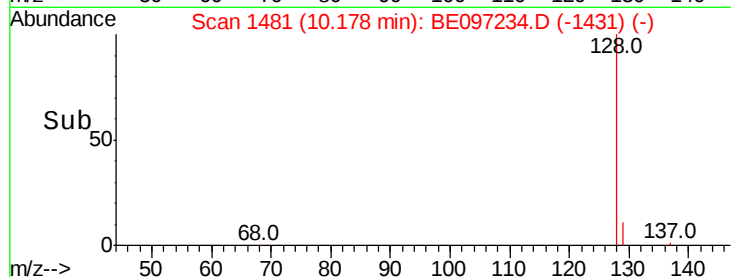
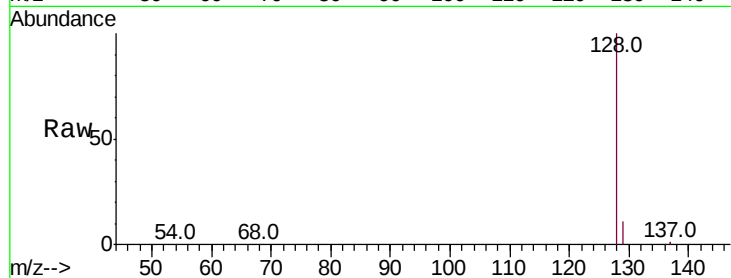
129 11.2 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.426 ng/ul

RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097234.D

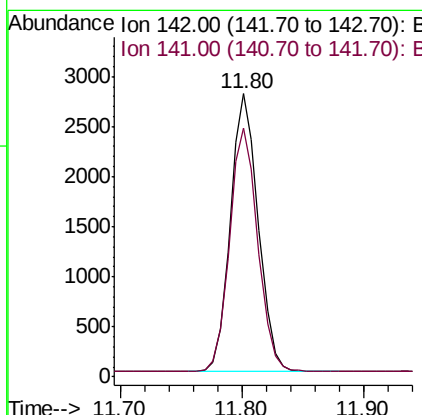
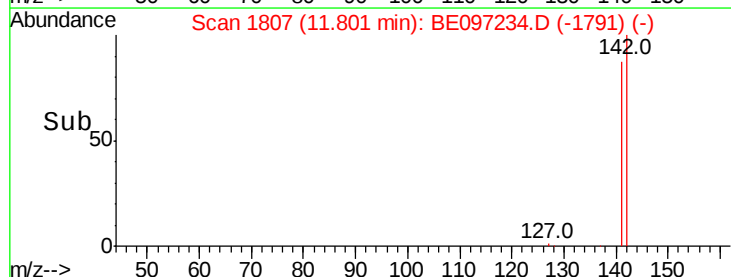
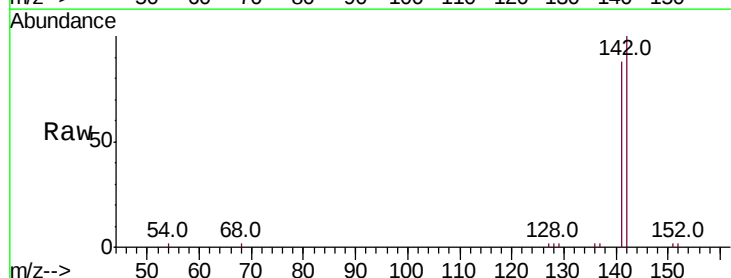
Acq: 8 Aug 2018 14:26

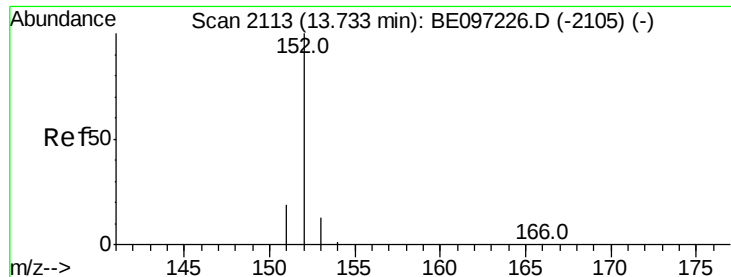
Tgt Ion:142 Resp: 4423

Ion Ratio Lower Upper

142 100

141 88.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.631 ng/ul

RT: 13.73 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Instrument :

BNA_E

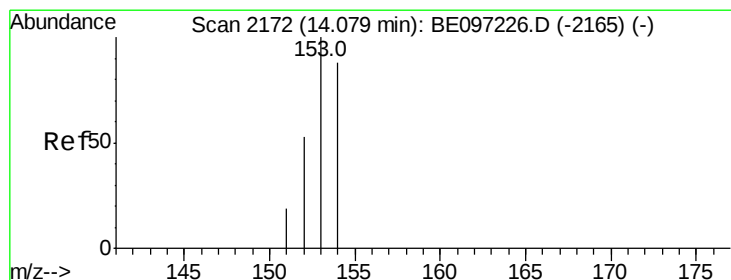
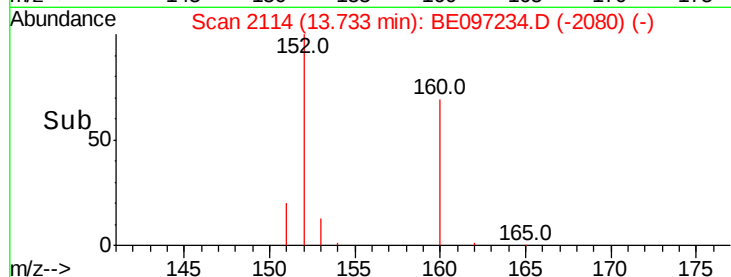
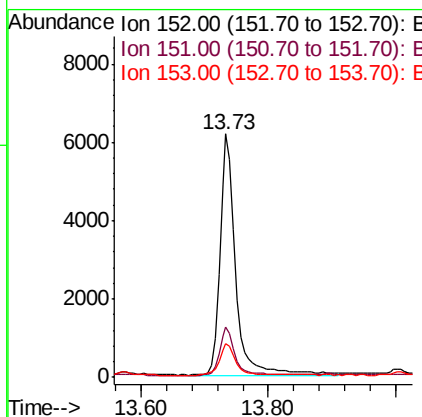
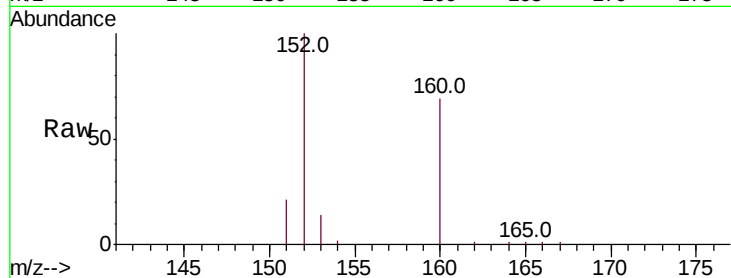
ClientSampleId :

C0AC6

Tot Ion:	152	Resp:	10806
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	14.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.163 ng/ul

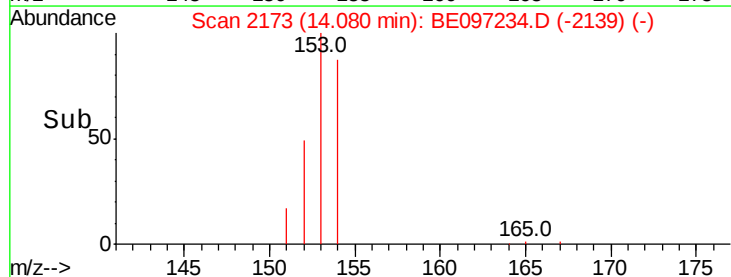
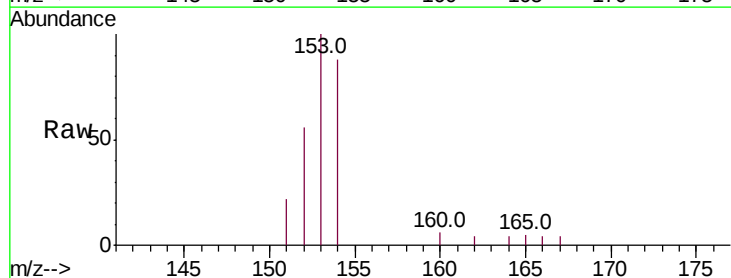
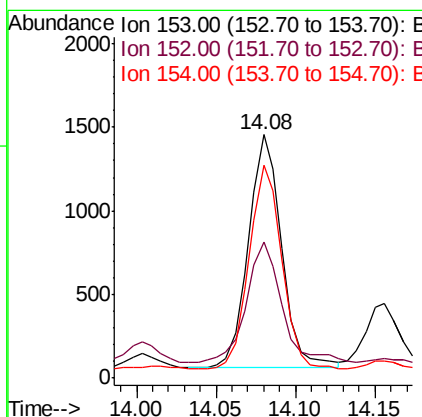
RT: 14.08 min Scan# 2173

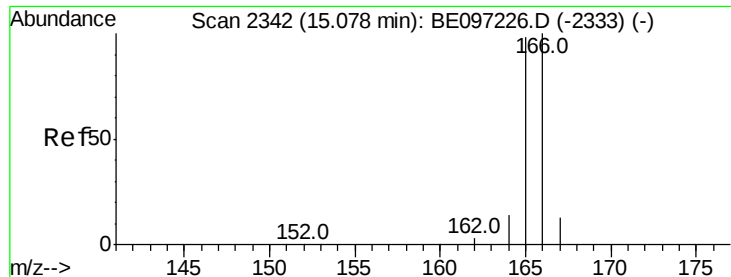
Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Tgt Ion:	153	Resp:	2018
Ion Ratio	Lower	Upper	
153	100		
152	55.6	36.0	54.0#
154	87.6	72.0	108.0





#9

Fluorene

Concen: 0.359 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Instrument :

BNA_E

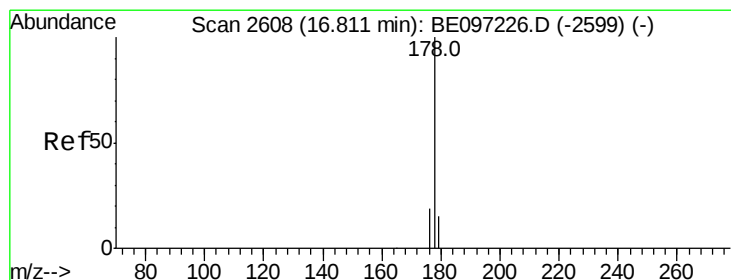
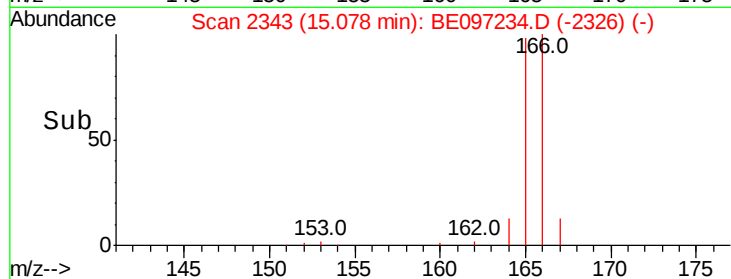
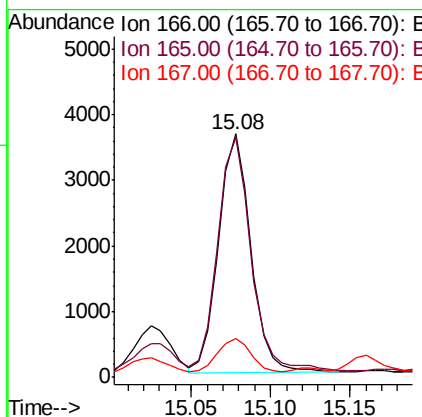
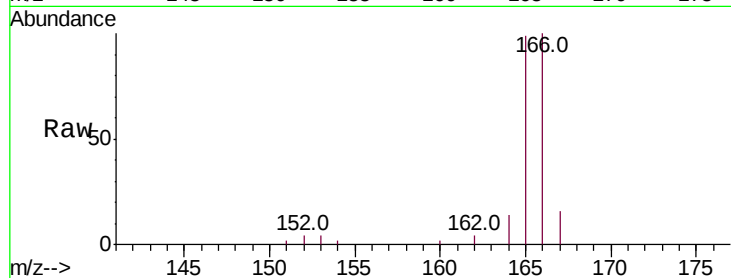
ClientSampleId :

C0AC6

Tot Ion:	166	Resp:	5117
Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	16.2	14.6	22.0

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#12

Phenanthrene

Concen: 6.715 ng/ul m

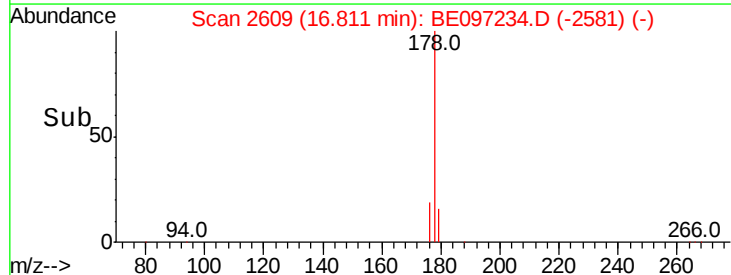
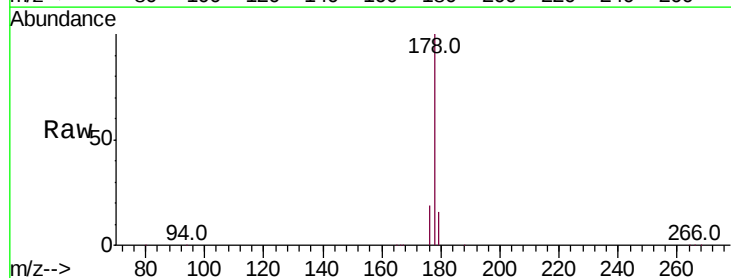
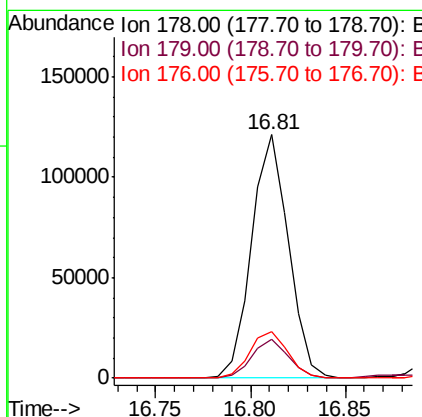
RT: 16.81 min Scan# 2609

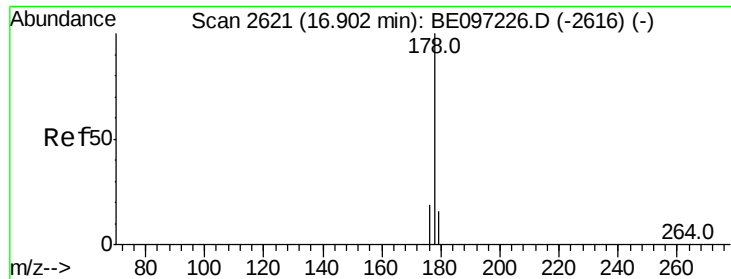
Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Tgt Ion:	178	Resp:	163384
Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	19.3	13.6	20.4





#13

Anthracene

Concen: 1.066 ng/ul m

RT: 16.90 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AC6

Tot Ion:178 Resp: 24192

Ion Ratio Lower Upper

178 100

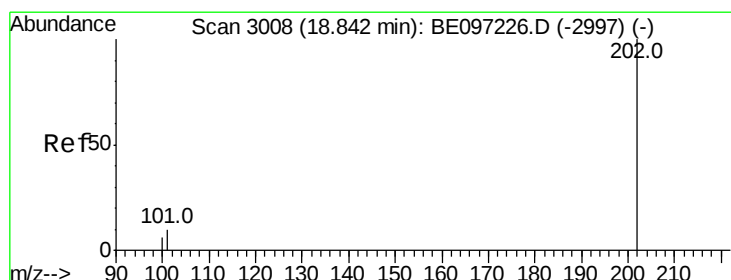
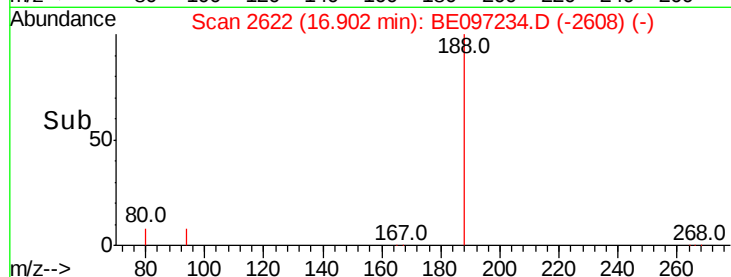
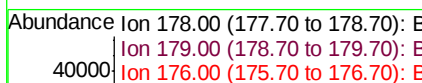
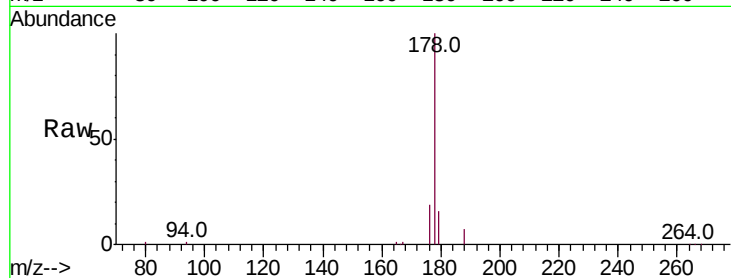
179 16.0 18.1 27.1#

176 19.0 14.7 22.1

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#15

Fluoranthene

Concen: 15.887 ng/ul m

RT: 18.84 min Scan# 3009

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

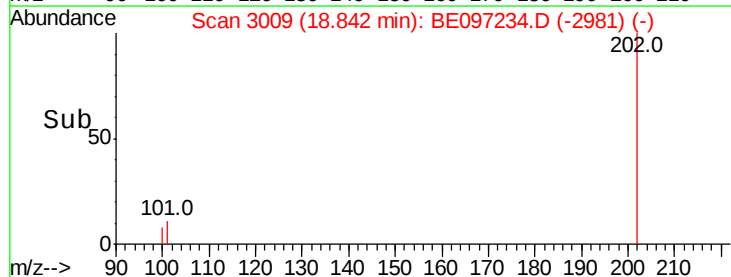
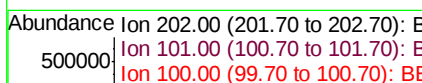
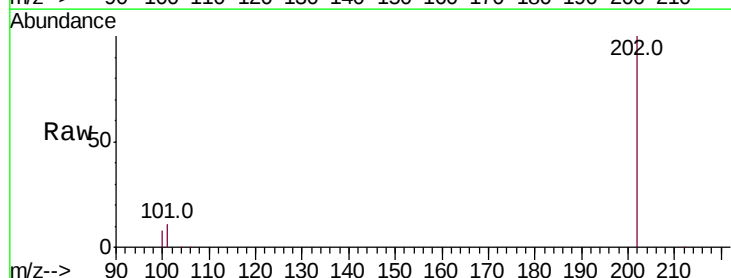
Tgt Ion:202 Resp: 510986

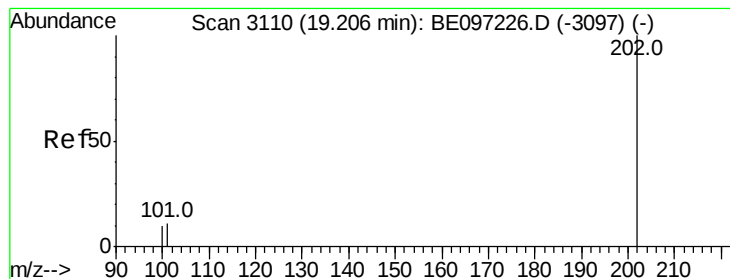
Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

100 8.5 0.0 39.5





#17

Pvrene

Concen: 16.016 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AC6

Tot Ion:202 Resp: 430266

Ion Ratio Lower Upper

202 100

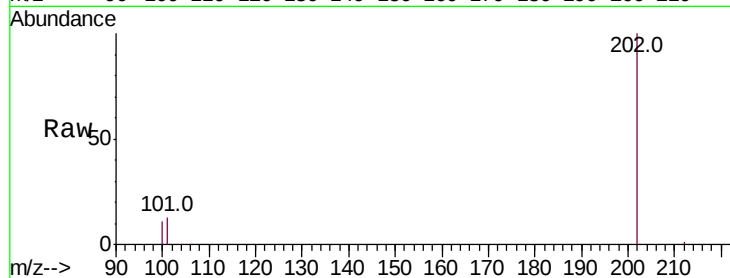
101 12.9 18.2 27.4#

100 11.1 15.6 23.4#

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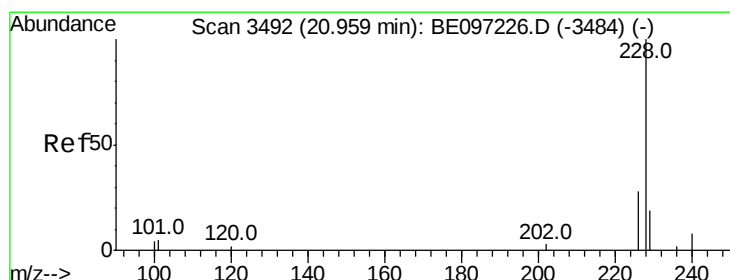
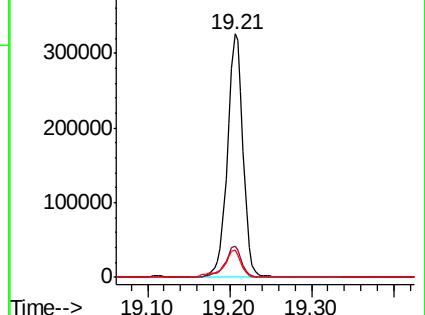
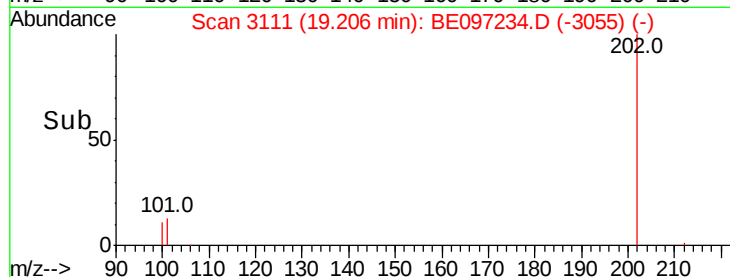
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 7.675 ng/ul m

RT: 20.96 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

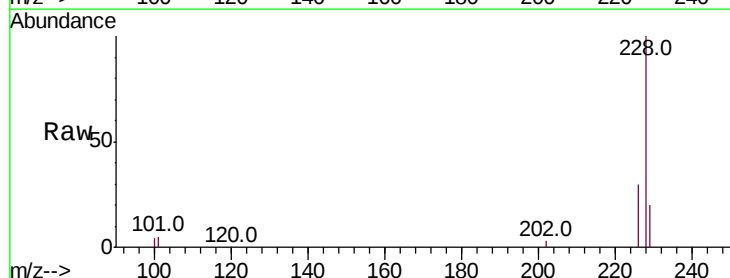
Tgt Ion:228 Resp: 219888

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

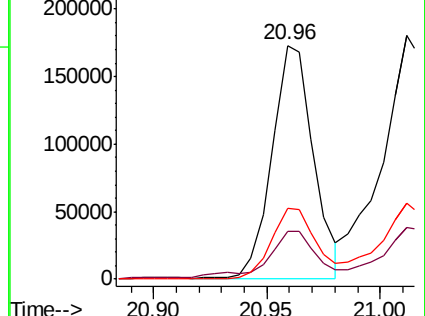
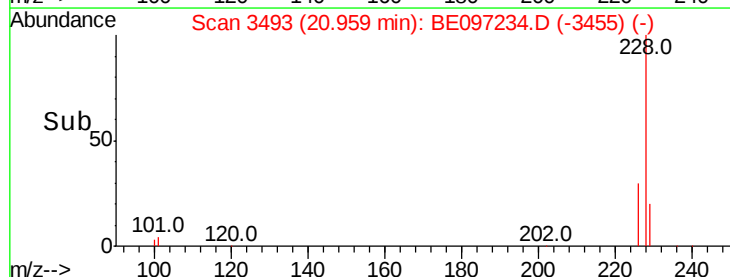
226 30.2 17.0 25.6#

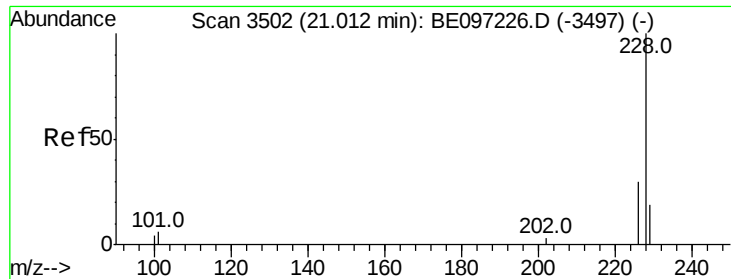


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 9.143 ng/ul

RT: 21.01 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Instrument :

BNA_E

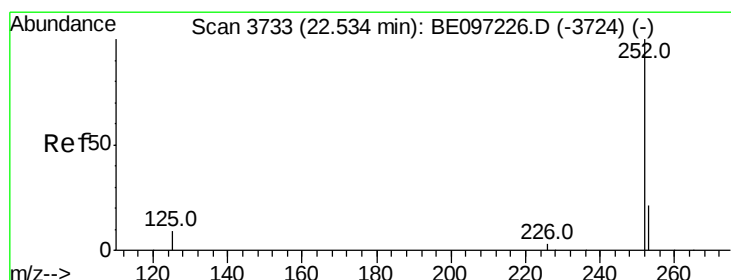
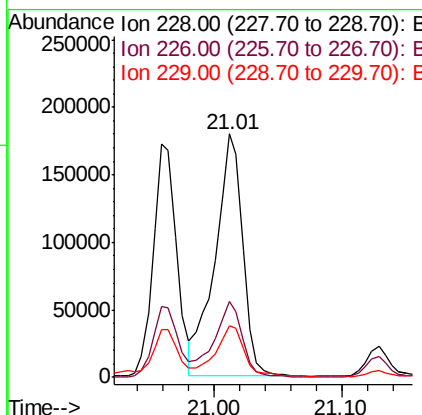
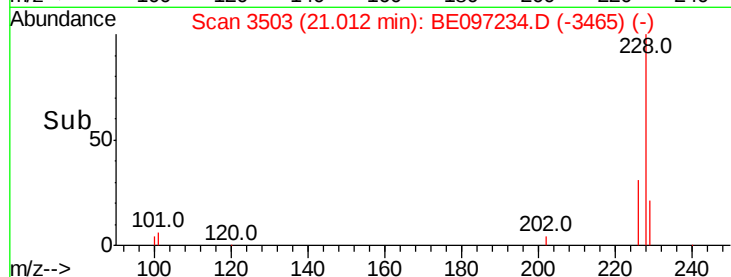
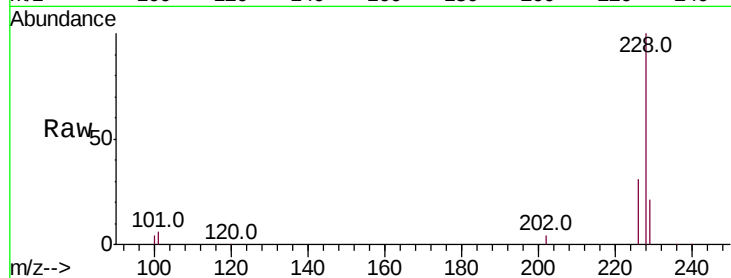
ClientSampled :

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Tot Ion:	228	Resp:	269923
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	21.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 15.028 ng/ul m

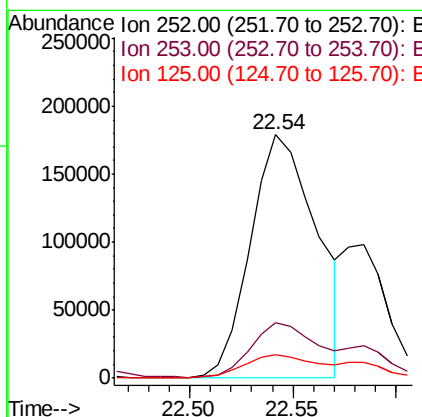
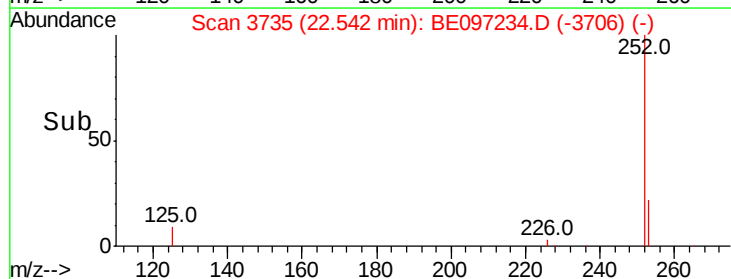
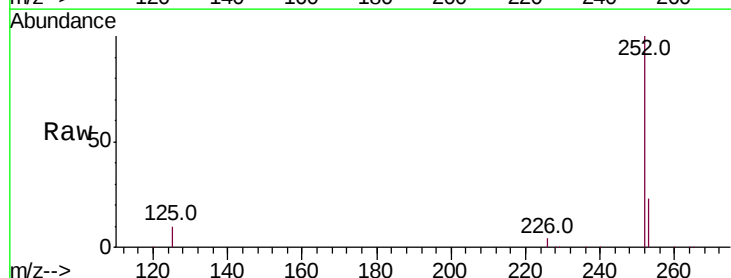
RT: 22.54 min Scan# 3735

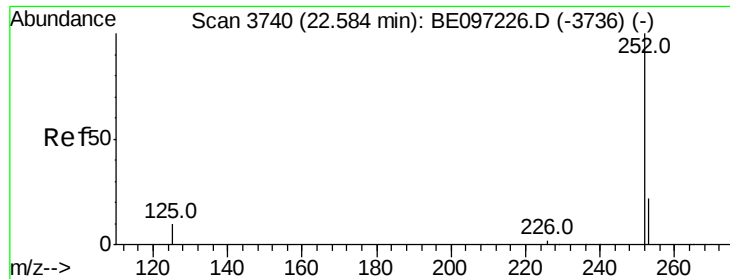
Delta R.T. 0.01 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Tgt Ion:	252	Resp:	397762
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	64.2
125	9.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.792 ng/ul m

RT: 22.58 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Instrument :

BNA_E

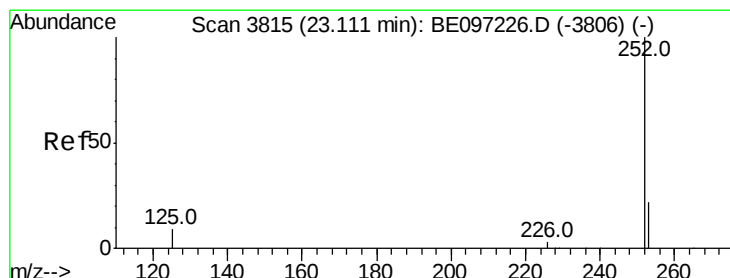
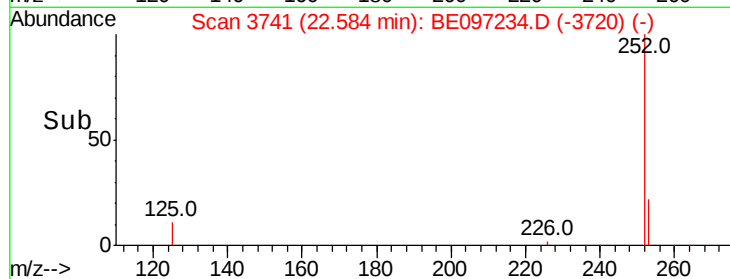
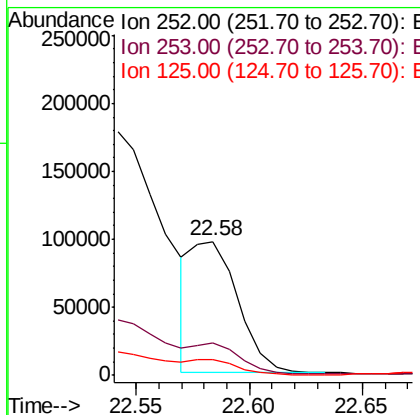
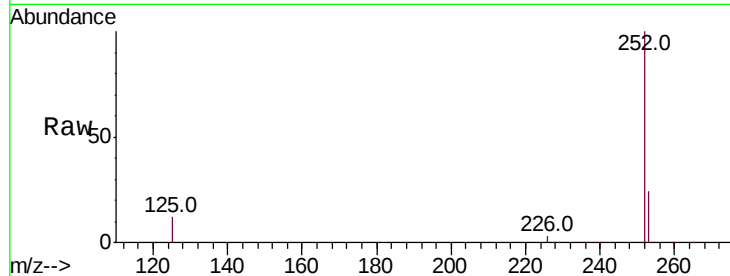
ClientSampled :

C0AC6

Tot Ion:	252	Resp:	136763
Ion Ratio	Lower	Upper	
252	100		
253	23.8	24.5	36.7#
125	11.5	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 9.653 ng/ul m

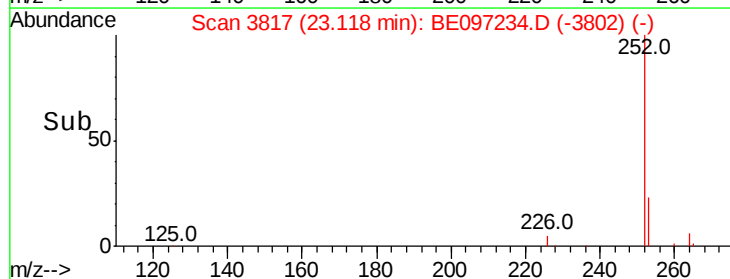
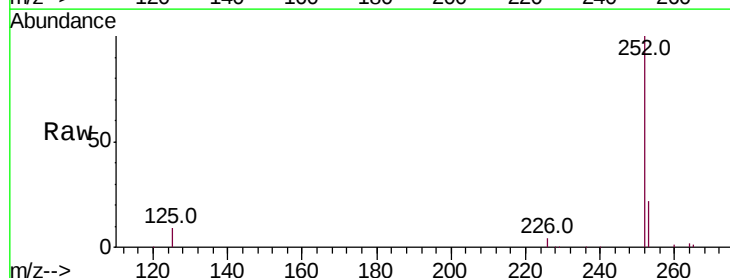
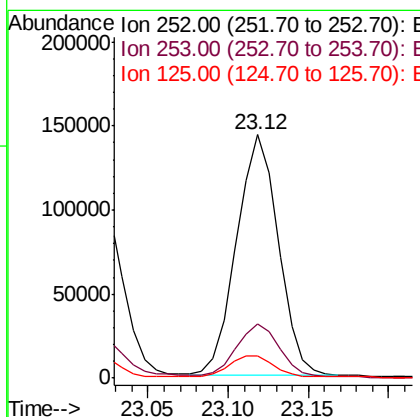
RT: 23.12 min Scan# 3817

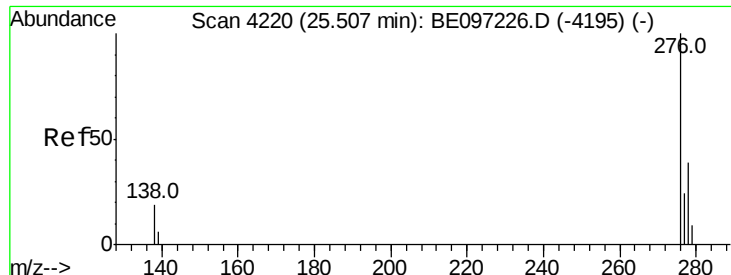
Delta R.T. 0.01 min

Lab File: BE097234.D

Acq: 8 Aug 2018 14:26

Tgt Ion:	252	Resp:	255654
Ion Ratio	Lower	Upper	
252	100		
253	22.3	28.5	42.7#
125	9.2	18.1	27.1#





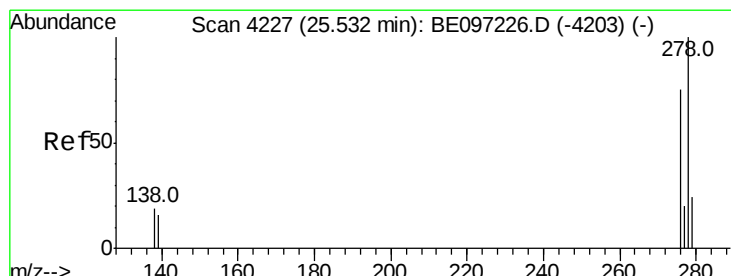
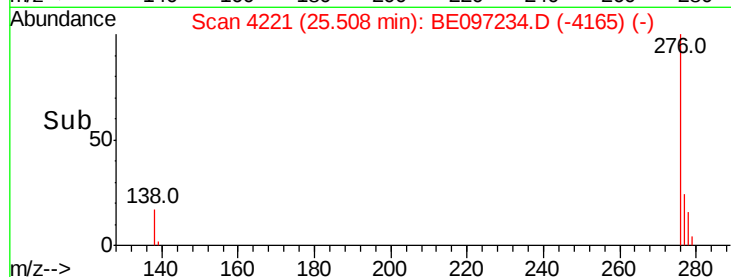
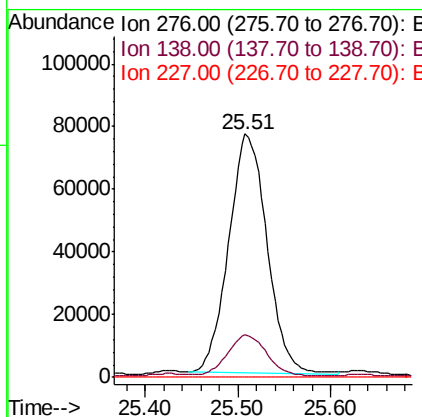
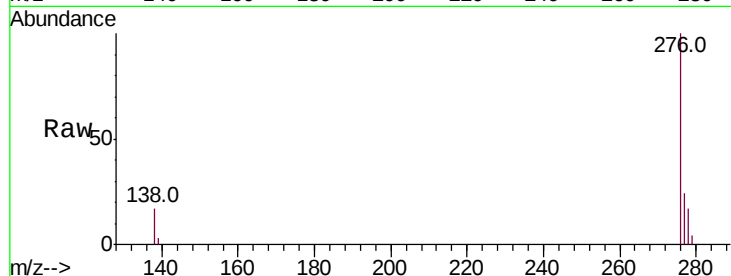
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.597 ng/ul
 RT: 25.51 min Scan# 4221
 Delta R.T. 0.00 min
 Lab File: BE097234.D
 Acq: 8 Aug 2018 14:26

Instrument :
 BNA_E
 ClientSampled :
 C0AC6

Tot Ion	Ratio	Resp	Lower	Upper
276	100	218653		
138	17.4	28.0	42.0#	
227	0.0	8.0	12.0#	

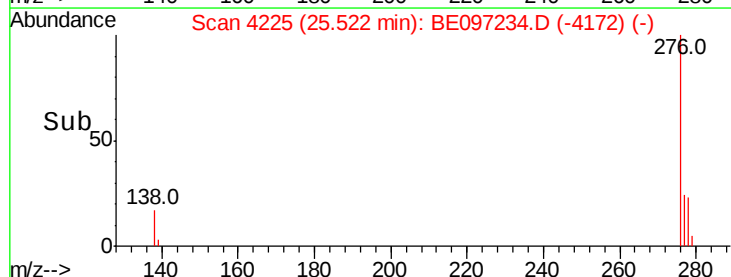
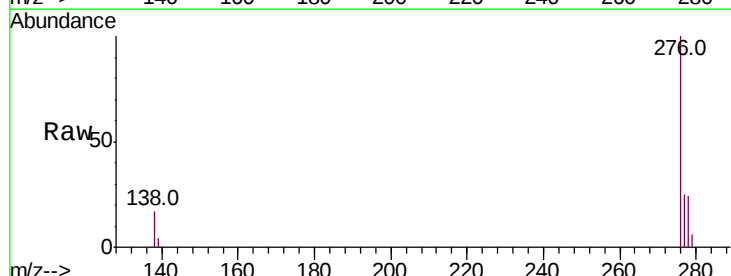
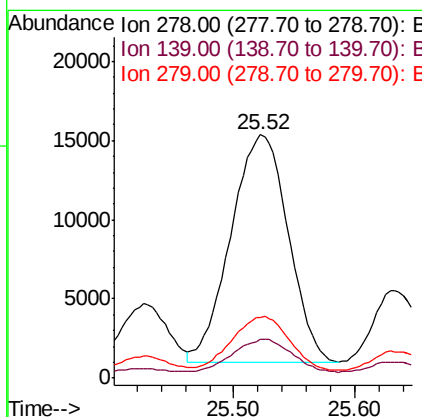
Manual Integrations
 APPROVED

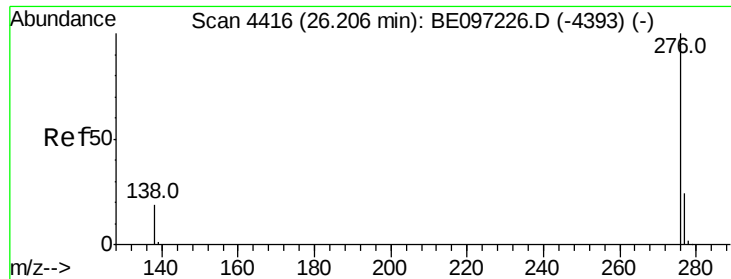
Sohil
 8/9/2018 4:43:05 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.748 ng/ul m
 RT: 25.52 min Scan# 4225
 Delta R.T. -0.01 min
 Lab File: BE097234.D
 Acq: 8 Aug 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	47414		
139	16.0	17.4	26.0#	
279	24.9	25.9	38.9#	





#26
 Benzo(a,h,i)perylene
 Concen: 7.515 ng/ul
 RT: 26.22 min Scan# 4420
 Delta R.T. 0.01 min
 Lab File: BE097234.D
 Acq: 8 Aug 2018 14:26

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/9/2018 4:43:05 PM

