

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097237.D
 Acq On : 8 Aug 2018 16:19
 Operator : SJ/JU
 Sample : J4268-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
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Quant Time: Aug 09 01:03:19 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	6747	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4020	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9234	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	9655	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8931m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1580	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	4316	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	794	0.049	ng/ul#	85
7) Acenaphthylene	13.73	152	4532	0.261	ng/ul	98
8) Acenaphthene	14.08	153	1788	0.142	ng/ul	94
9) Fluorene	15.08	166	4203	0.291	ng/ul	93
12) Phenanthrene	16.81	178	26707	1.135	ng/ul#	89
13) Anthracene	16.90	178	6476	0.295	ng/ul#	92
15) Fluoranthene	18.84	202	65915	2.118	ng/ul	84
17) Pyrene	19.21	202	55153	2.132	ng/ul#	78
18) Benzo(a)anthracene	20.96	228	30425	1.103	ng/ul#	84
19) Chrysene	21.01	228	29266	1.029	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	40883m	1.680	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	11309m	0.431	ng/ul	
23) Benzo(a)pyrene	23.11	252	29031	1.192	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	19125	0.627	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	4793	0.192	ng/ul	100
26) Benzo(a,h,i)perylene	26.20	276	17994	0.683	ng/ul#	93

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

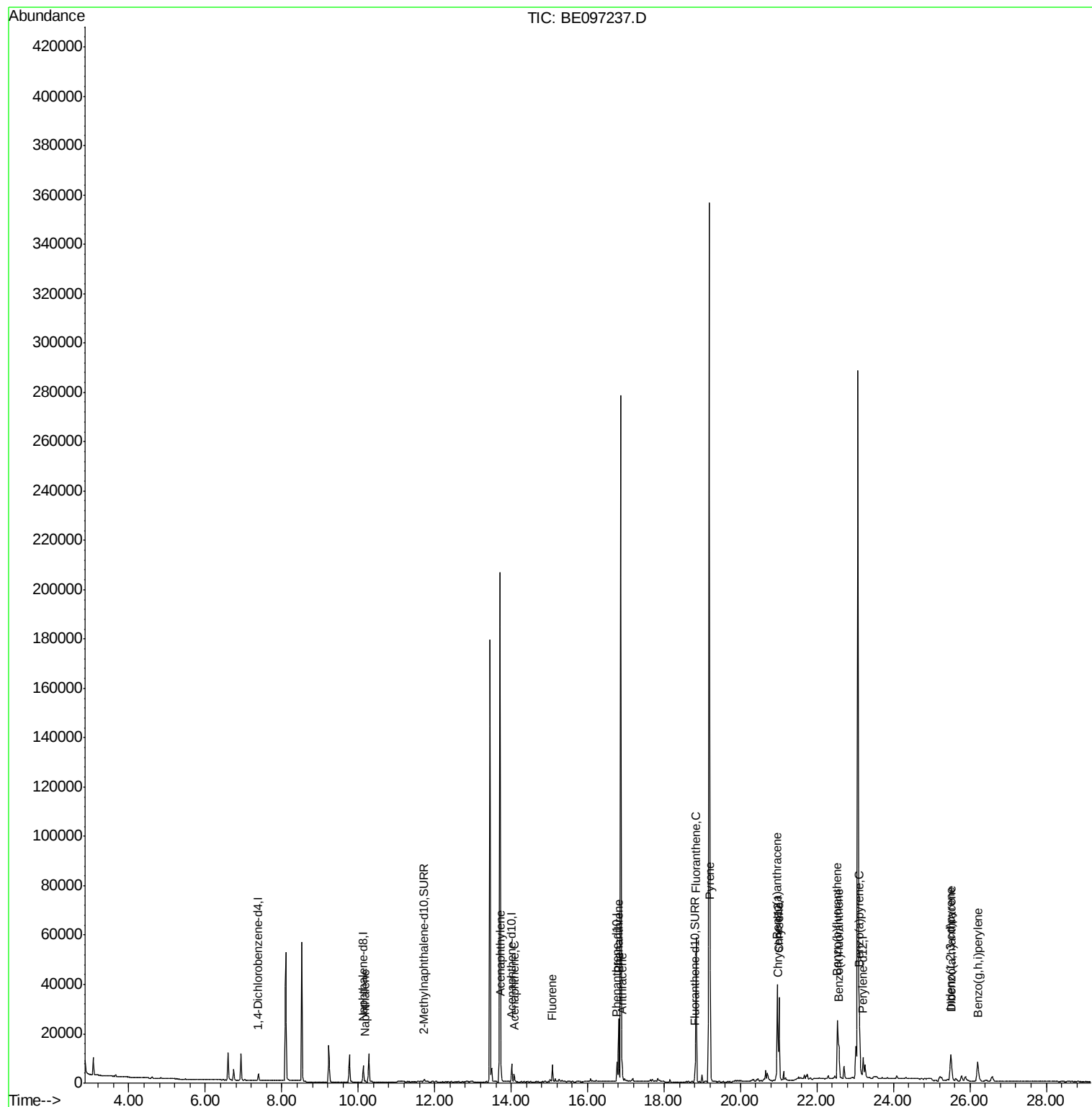
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097237.D
Acq On : 8 Aug 2018 16:19
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Sample : J4268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

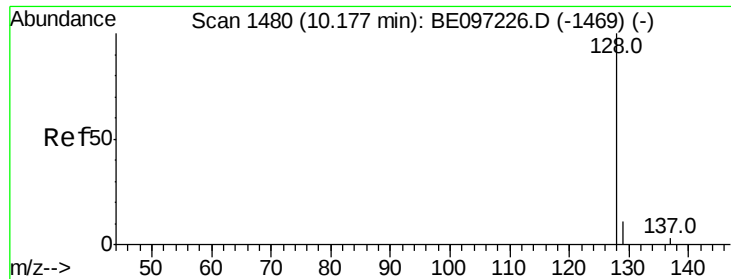
Instrument :
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ClientSampleId :
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Quant Time: Aug 09 01:03:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.049 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE097237.D

Acq: 8 Aug 2018 16:19

Instrument :

BNA_E

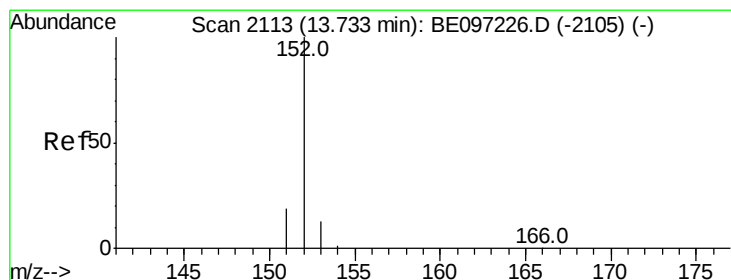
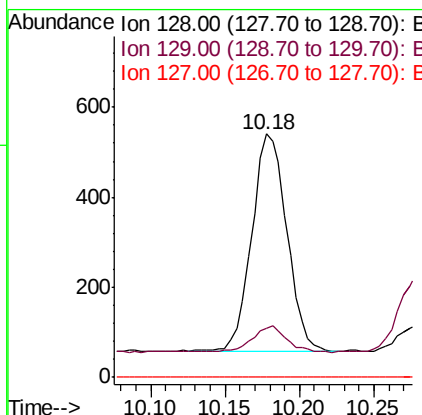
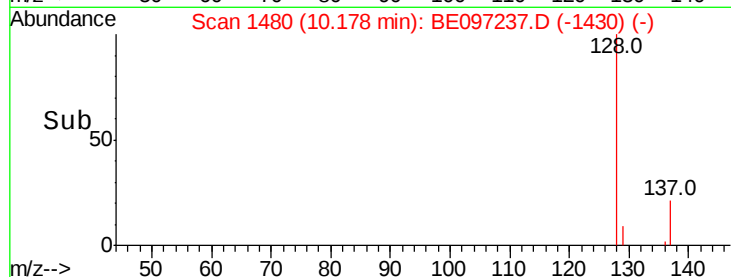
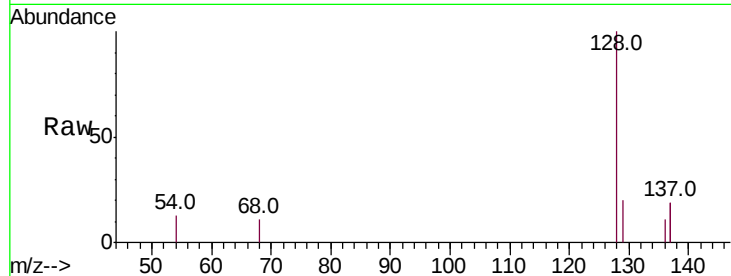
ClientSampleId :

C0AA5

Tot Ion:	128	Resp:	794
Ion Ratio	Lower	Upper	
128	100		
129	20.3	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.261 ng/ul

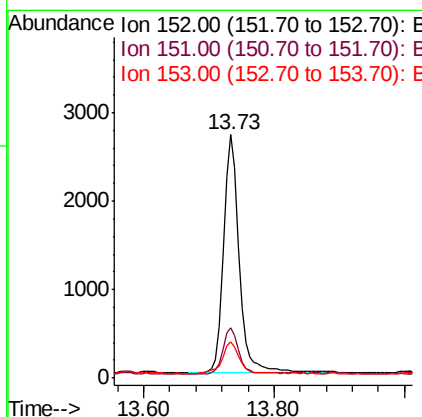
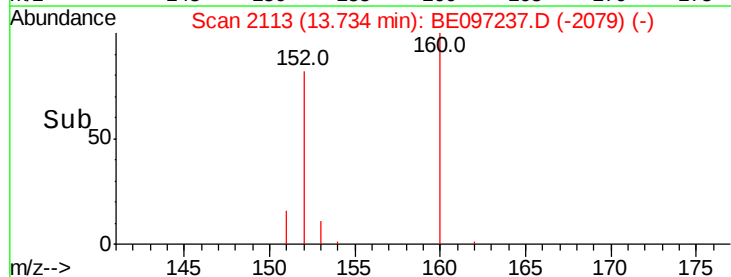
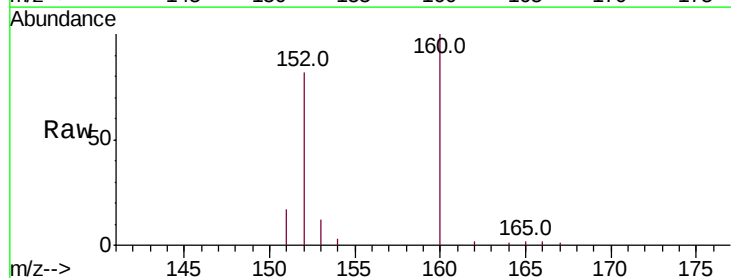
RT: 13.73 min Scan# 2113

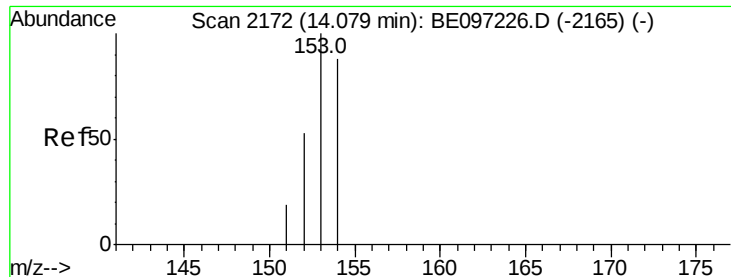
Delta R.T. 0.00 min

Lab File: BE097237.D

Acq: 8 Aug 2018 16:19

Tgt Ion:	152	Resp:	4532
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	15.1	12.8	19.2





#8

Acenaphthene

Concen: 0.142 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097237.D

Acq: 8 Aug 2018 16:19

Instrument :

BNA_E

ClientSampleId :

C0AA5

Tot Ion:153 Resp: 1788

Ion Ratio Lower Upper

153 100

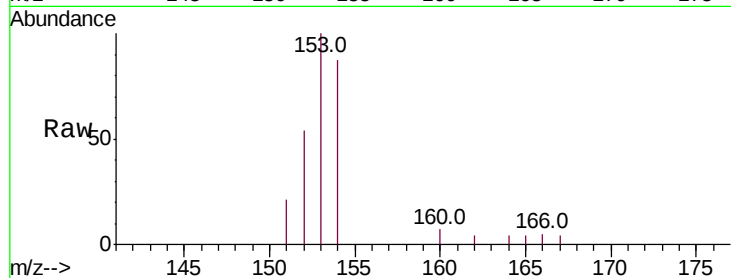
152 53.6 36.0 54.0

154 87.0 72.0 108.0

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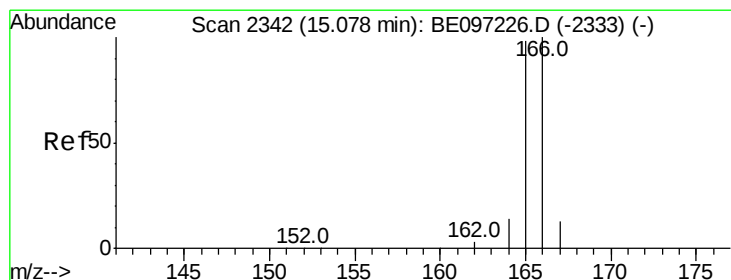
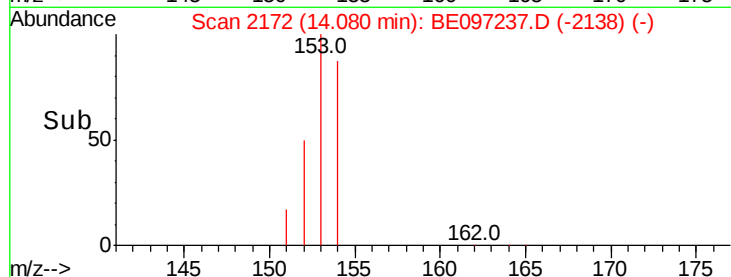
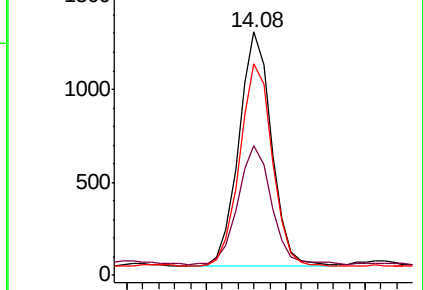
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.291 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097237.D

Acq: 8 Aug 2018 16:19

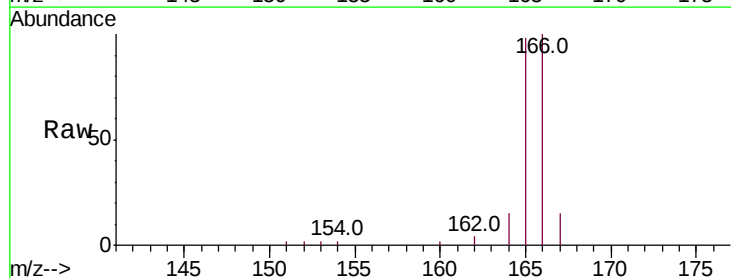
Tgt Ion:166 Resp: 4203

Ion Ratio Lower Upper

166 100

165 98.2 73.4 110.2

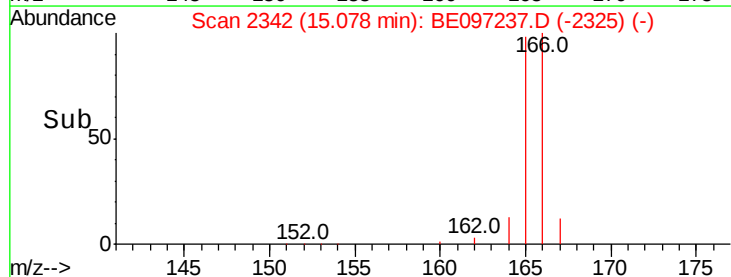
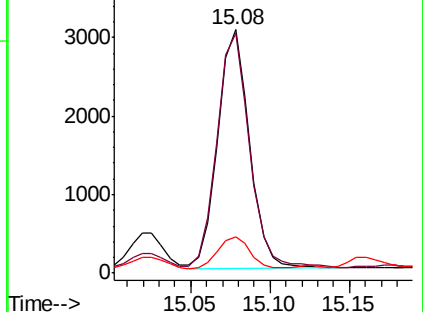
167 15.0 14.6 22.0

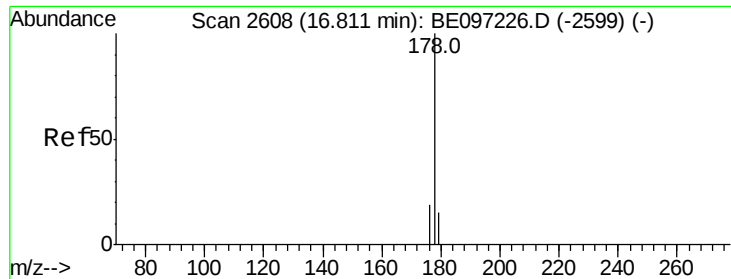


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





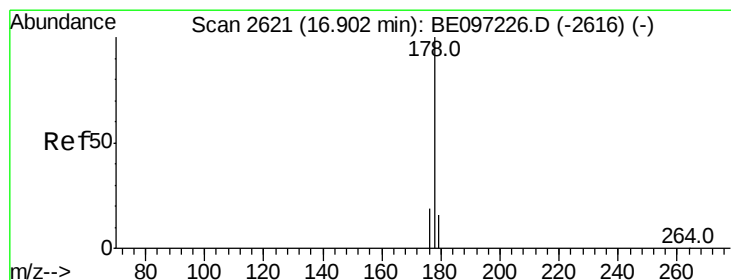
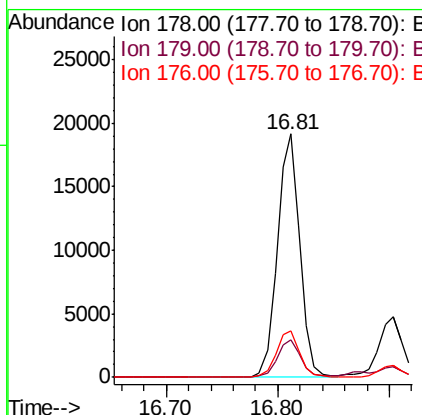
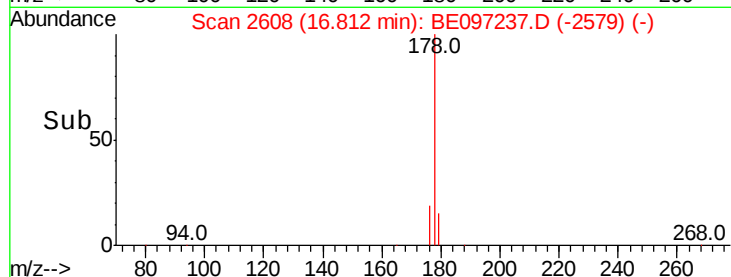
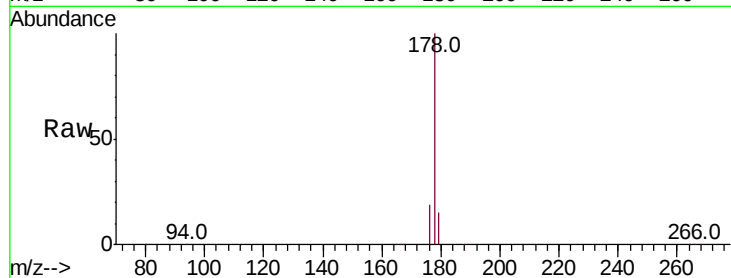
#12
Phenanthrene
Concen: 1.135 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :
C0AA5

Tot Ion:178 Resp: 26707
Ion Ratio Lower Upper
178 100
179 15.2 18.4 27.6#
176 19.0 13.6 20.4

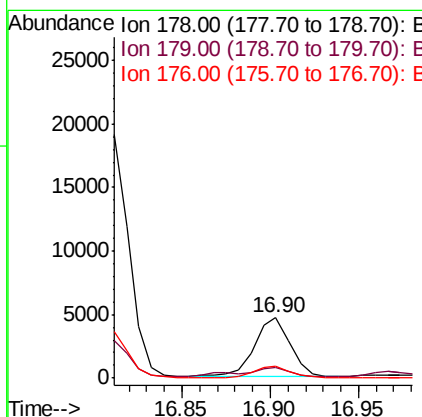
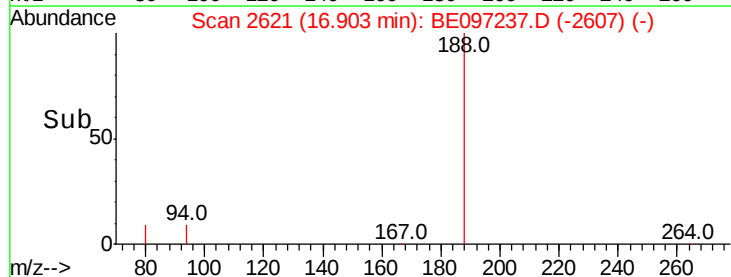
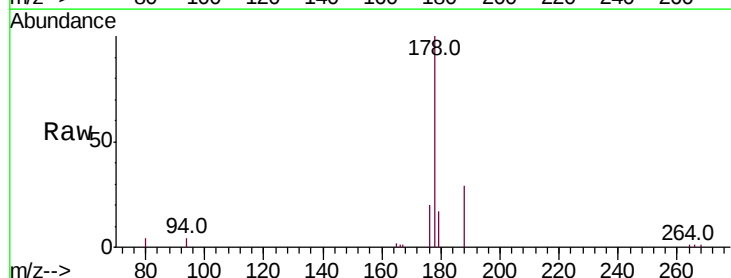
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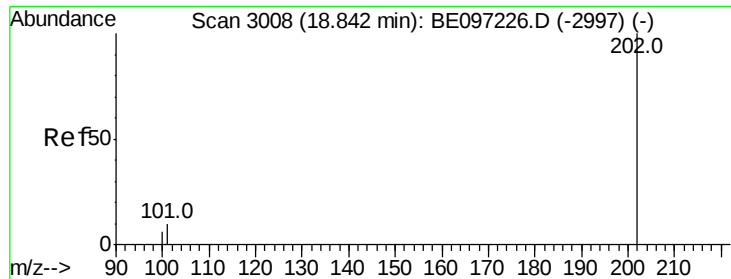
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#13
Anthracene
Concen: 0.295 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:178 Resp: 6476
Ion Ratio Lower Upper
178 100
179 17.1 18.1 27.1#
176 20.0 14.7 22.1





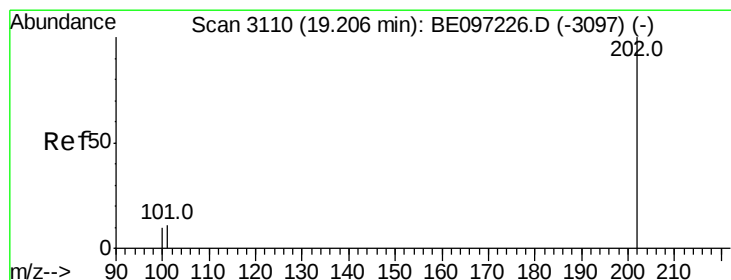
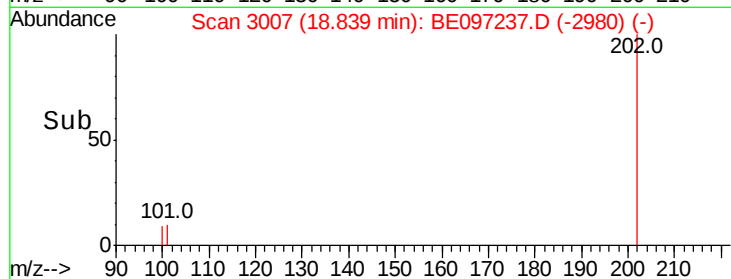
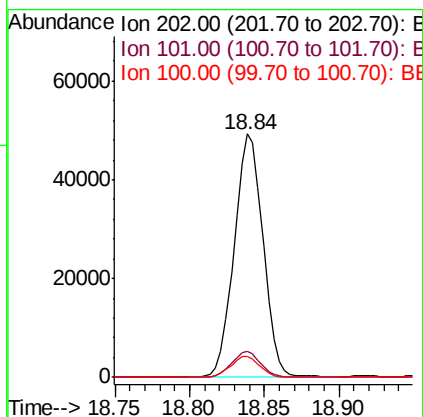
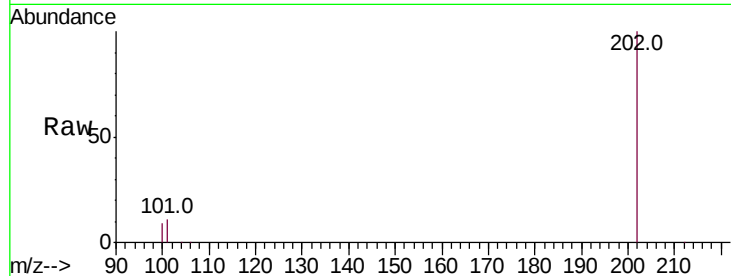
#15
Fluoranthene
Concen: 2.118 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :
C0AA5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.6	0.0	39.5

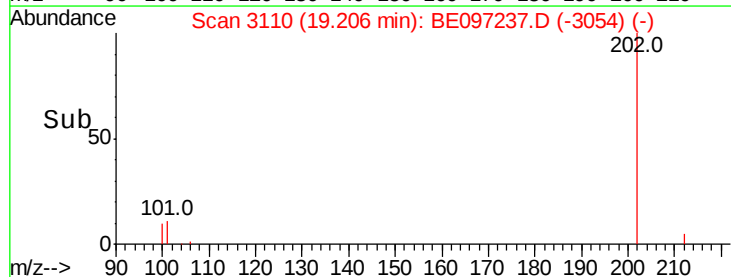
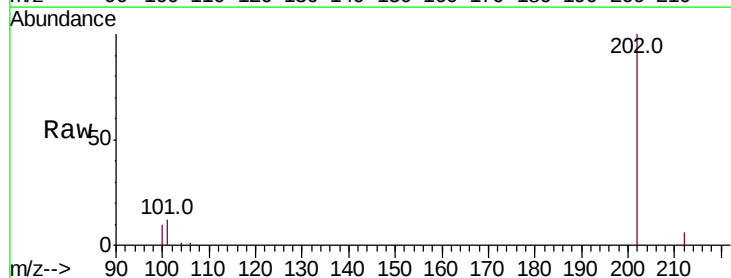
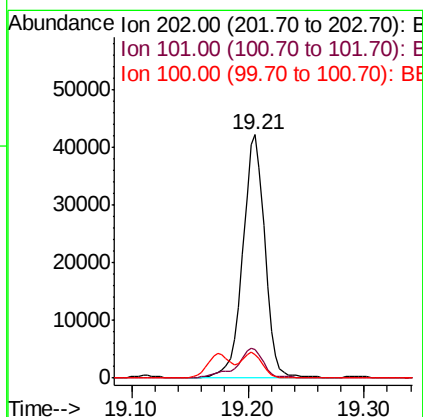
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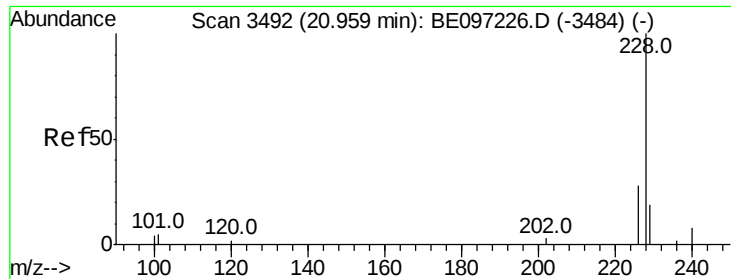
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#17
Pyrene
Concen: 2.132 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	9.9	15.6	23.4#





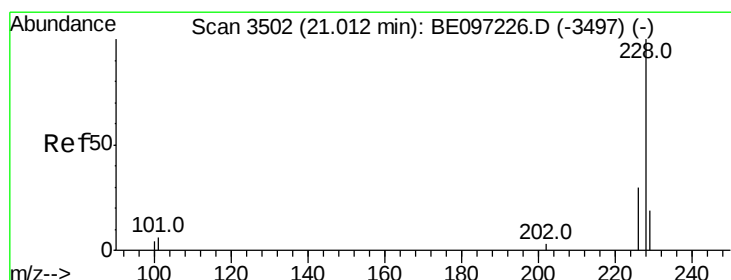
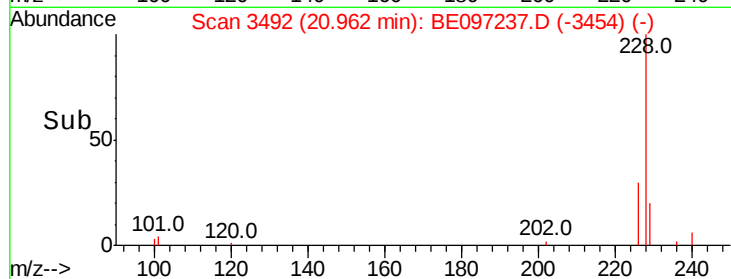
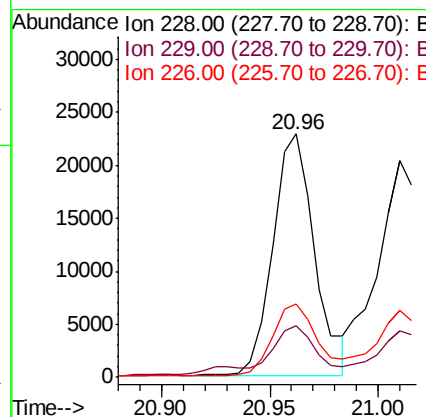
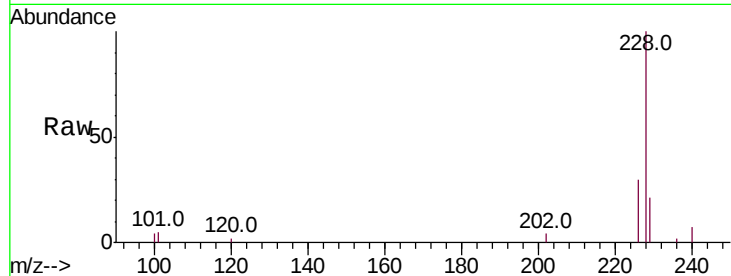
#18
Benzo(a)anthracene
Concen: 1.103 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :
C0AA5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	30.4	17.0	25.6#

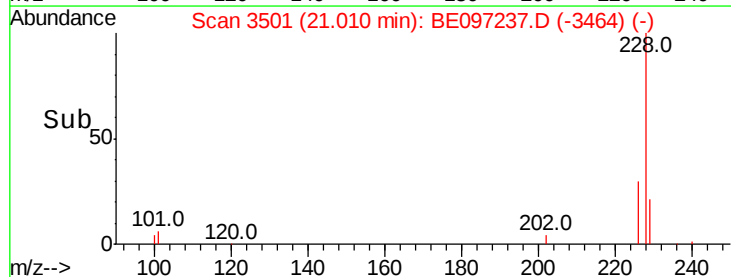
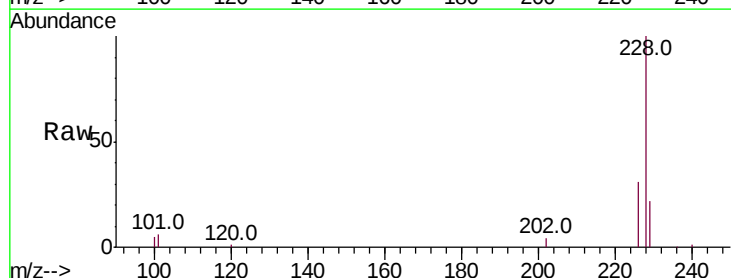
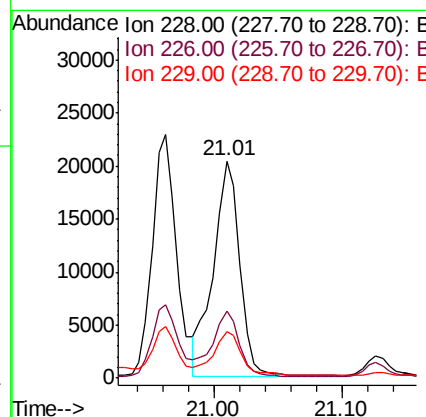
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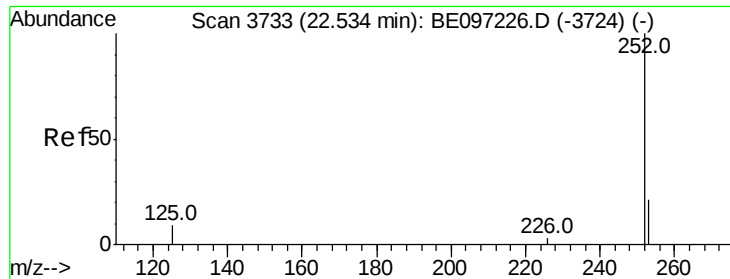
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#19
Chrysene
Concen: 1.029 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	21.7	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.680 ng/ul m

RT: 22.53 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097237.D

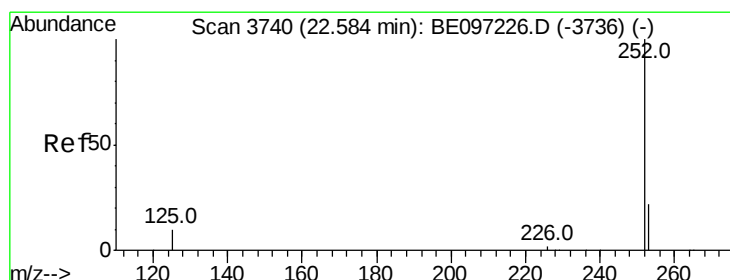
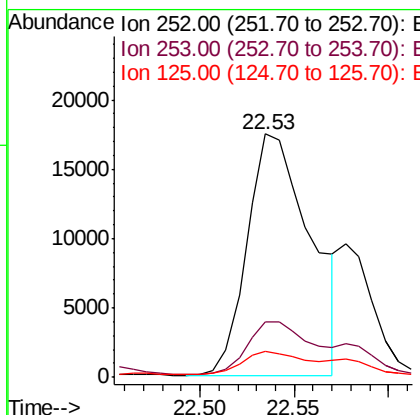
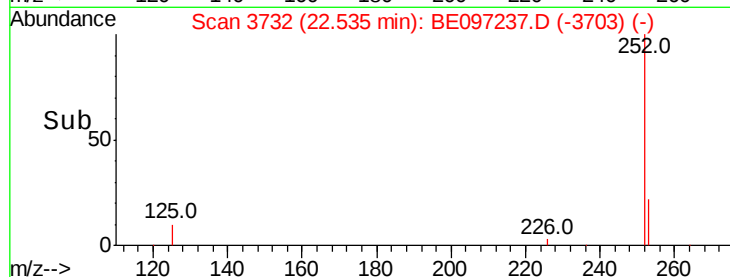
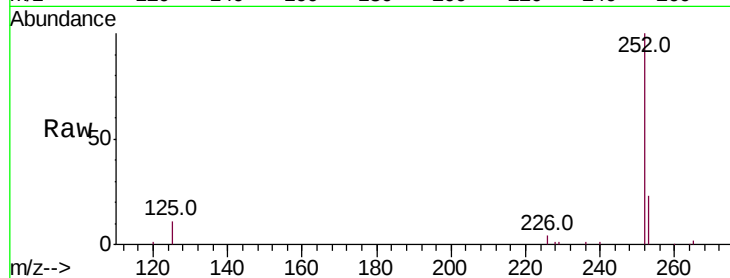
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :
C0AA5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	10.9	0.0	35.0

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 0.431 ng/ul m

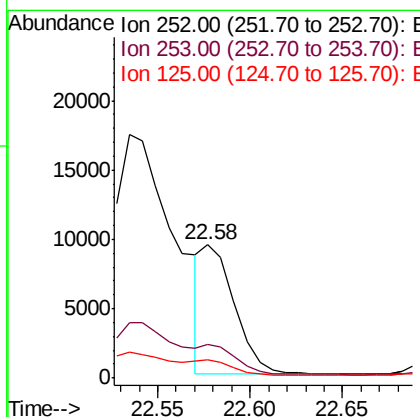
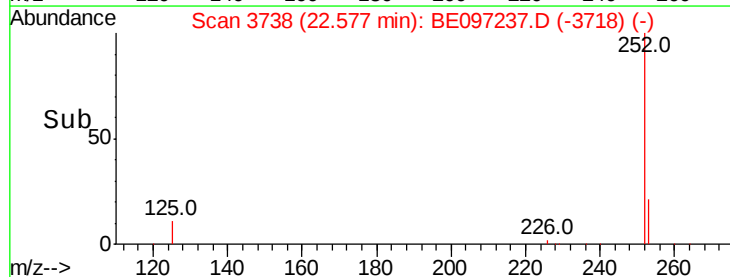
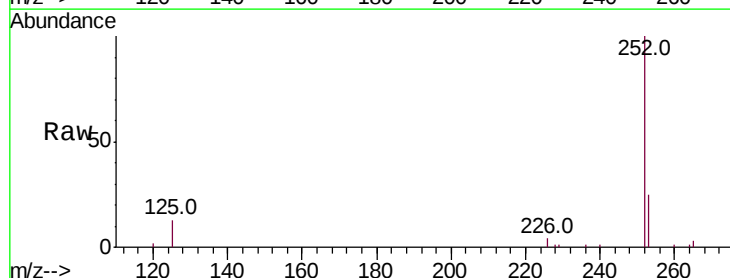
RT: 22.58 min Scan# 3738

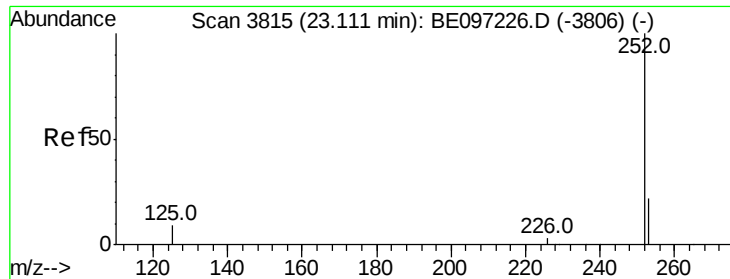
Delta R.T. -0.01 min

Lab File: BE097237.D

Acq: 8 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	13.4	13.7	20.5





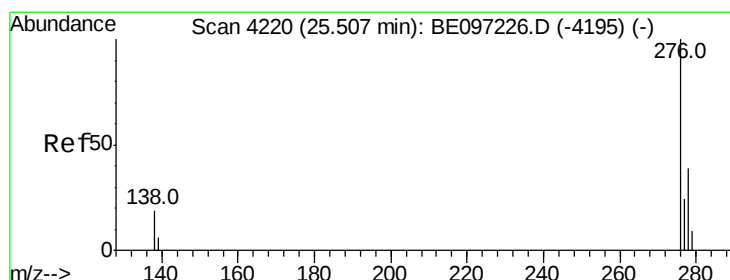
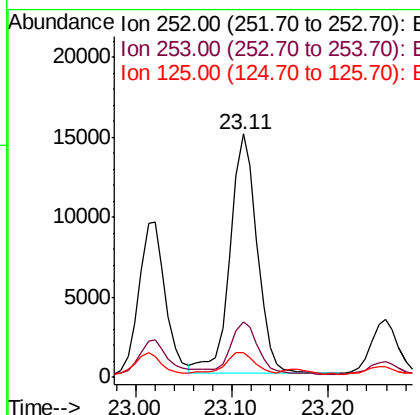
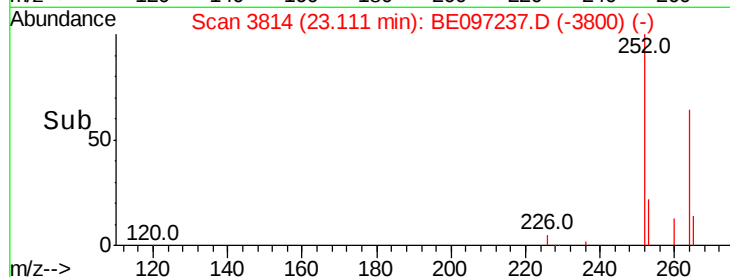
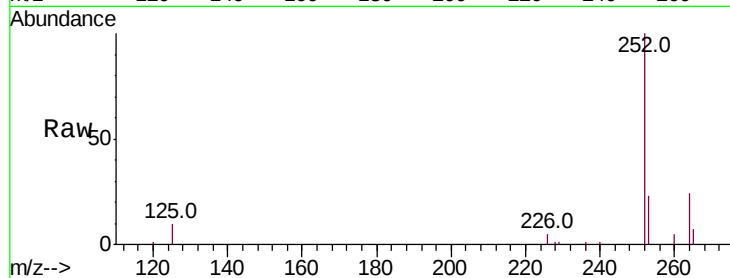
#23
Benzo(a)pyrene
Concen: 1.192 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :
C0AA5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	10.1	18.1	27.1#

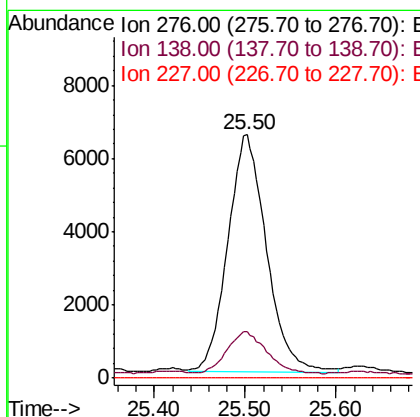
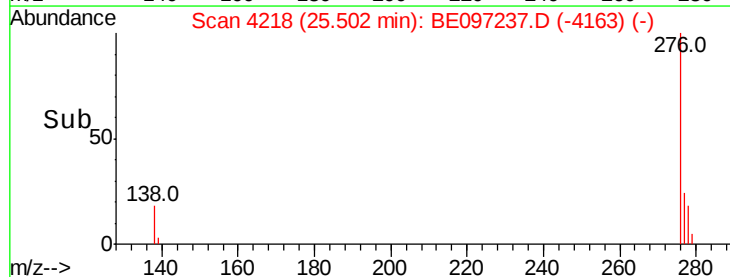
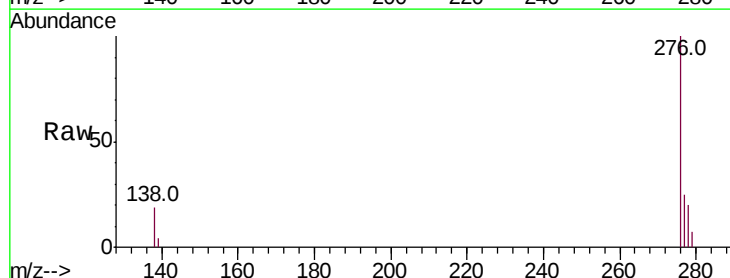
Manual Integrations
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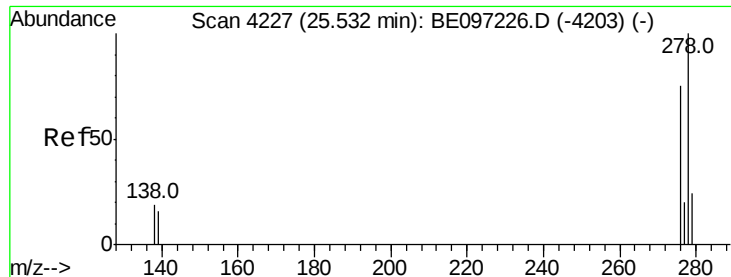
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.627 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. -0.01 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	28.0	42.0#
227	0.0	8.0	12.0#





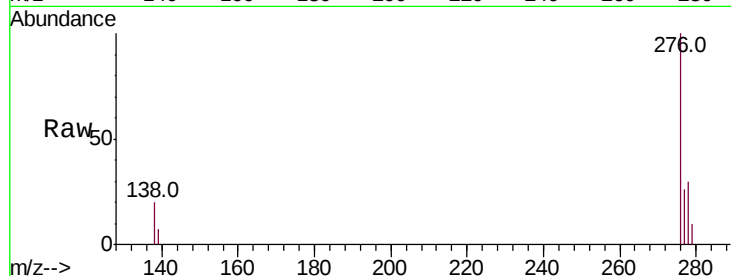
#25
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.02 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :
C0AA5

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.4	26.0
279	32.4	25.9	38.9

Manual Integrations
APPROVED

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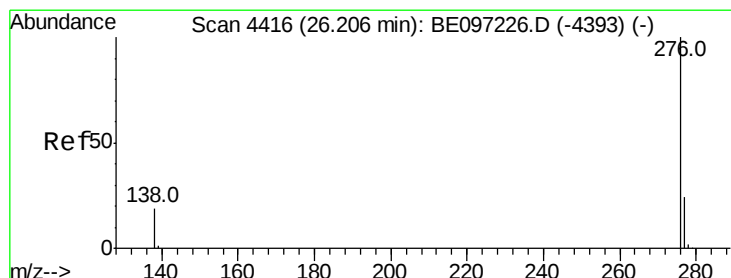
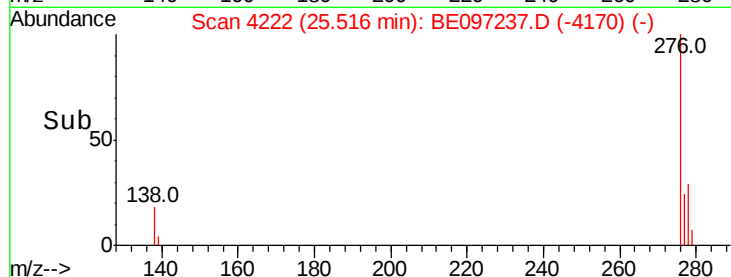
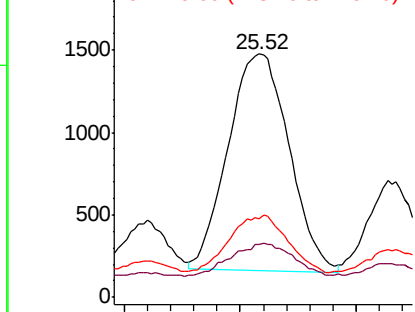


Abundance

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(g,h,i)perylene
Concen: 0.683 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	21.8	32.8#
277	25.5	20.5	30.7

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

