

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097183.D
 Acq On : 3 Aug 2018 17:18
 Operator : SJ/JU
 Sample : J4171-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J3

Manual Integrations
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Quant Time: Aug 03 23:54:06 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 23:39:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7960	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5605	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	12629m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	13081m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11635m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5844	0.46	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	17222m	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	4716	0.245	ng/ul#	83
5) 2-Methylnaphthalene	11.80	142	2647	0.208	ng/ul	94
8) Acenaphthene	14.09	153	1118	0.064	ng/ul#	87
9) Fluorene	15.08	166	490	0.024	ng/ul#	51
12) Phenanthrene	16.81	178	7167m	0.223	ng/ul	
13) Anthracene	16.90	178	1150m	0.038	ng/ul	
15) Fluoranthene	18.84	202	14896m	0.350	ng/ul	
17) Pyrene	19.21	202	18744m	0.535	ng/ul	
18) Benzo(a)anthracene	20.96	228	6715m	0.180	ng/ul	
19) Chrysene	21.02	228	9389m	0.244	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	10165m	0.321	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	6872m	0.201	ng/ul	
23) Benzo(a)pyrene	23.12	252	8028	0.253	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.50	276	5971	0.150	ng/ul#	78
26) Benzo(g,h,i)perylene	26.21	276	6418	0.187	ng/ul#	87

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

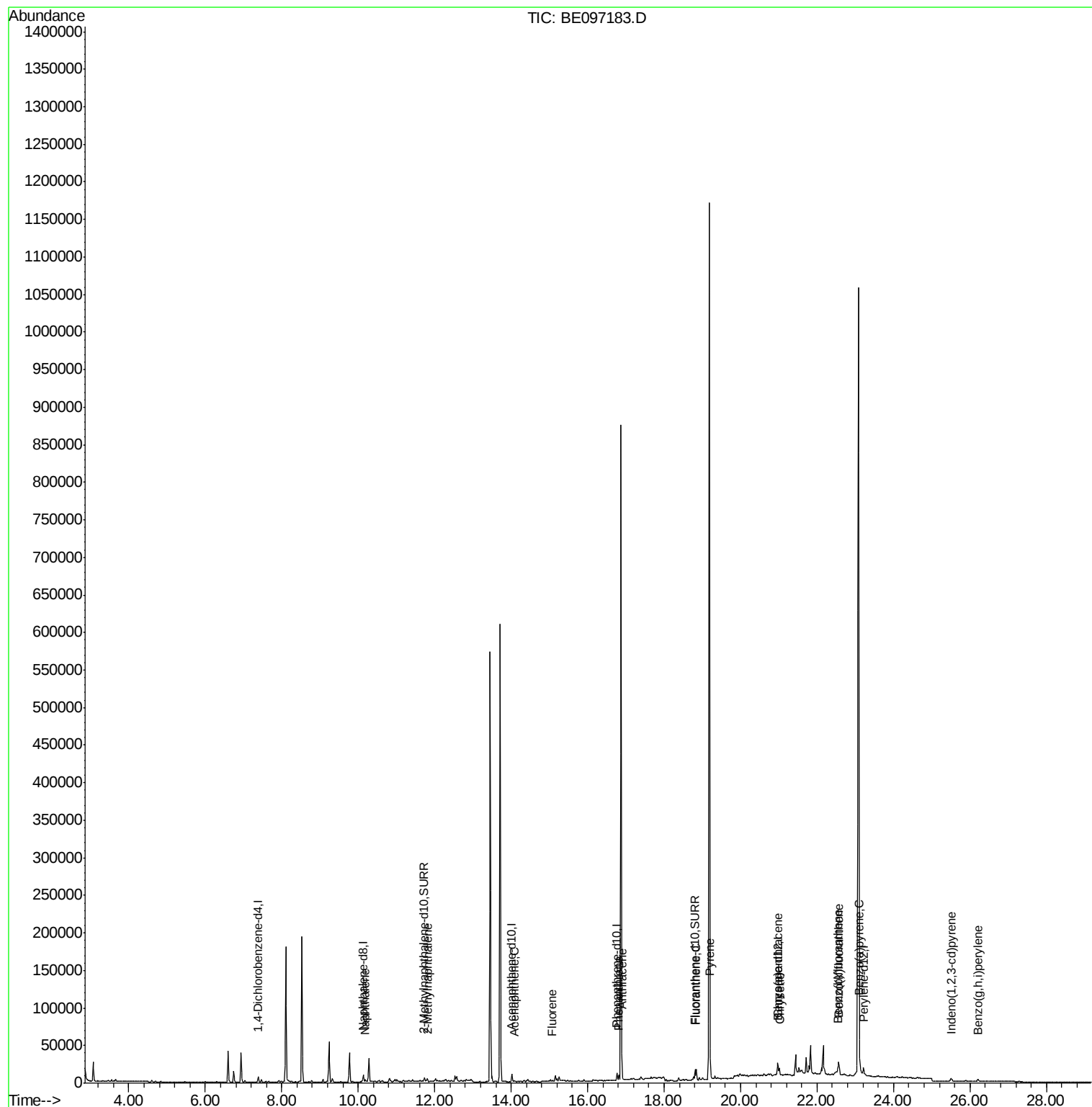
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097183.D
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Sample : J4171-05
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ALS Vial : 12 Sample Multiplier: 1

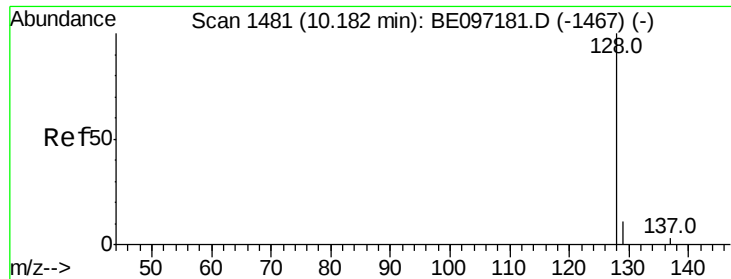
Instrument :
BNA_E
ClientSampleId :
JJ1J3

Quant Time: Aug 03 23:54:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.245 ng/ul

RT: 10.19 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097183.D

Acq: 3 Aug 2018 17:18

Instrument :

BNA_E

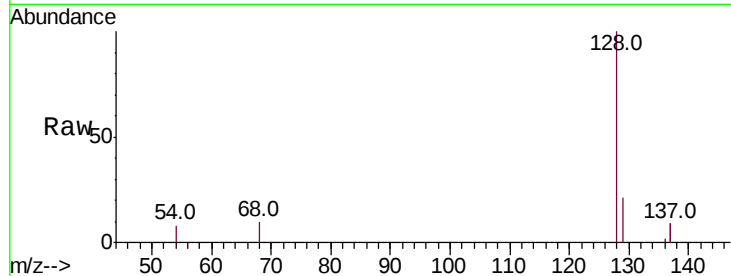
ClientSampleId :

JJ1J3

Tot Ion:128	Resp:	4716
Ion Ratio	Lower	Upper
128 100		
129 21.1	11.3	16.9#
127 0.0	4.0	6.0#

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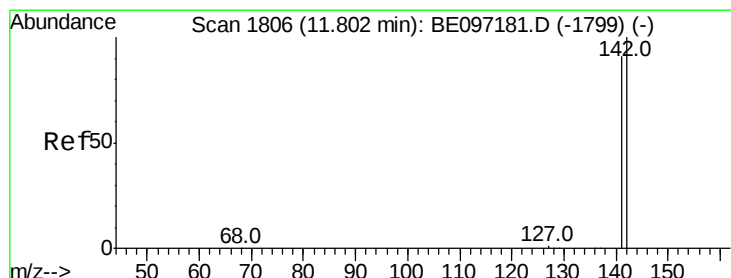
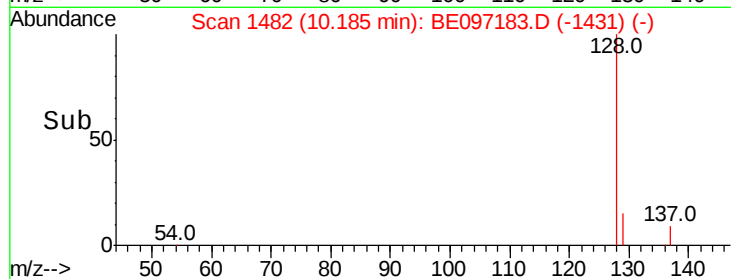
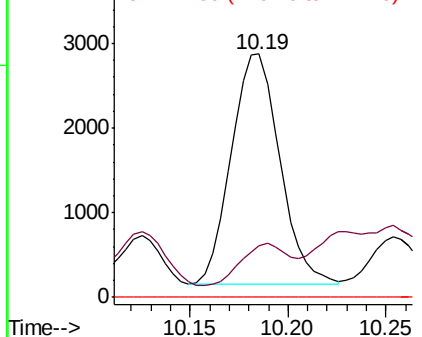


Abundance

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: 0.208 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097183.D

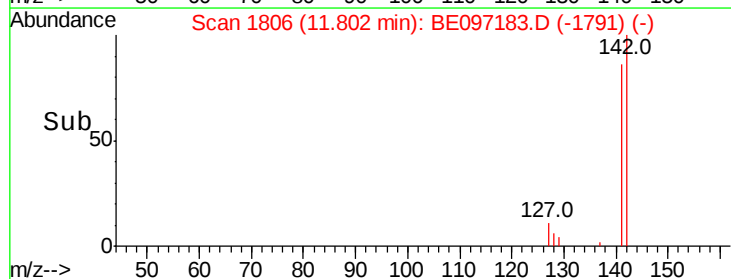
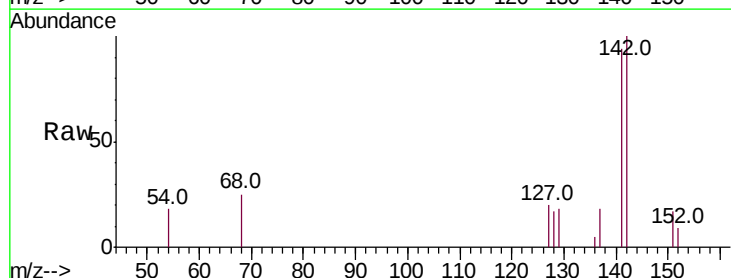
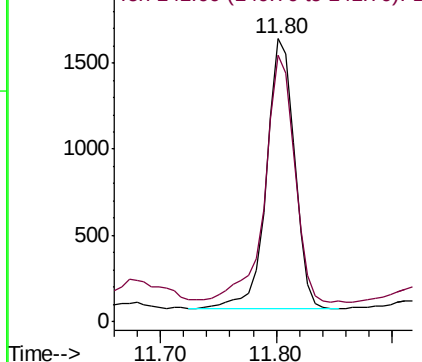
Acq: 3 Aug 2018 17:18

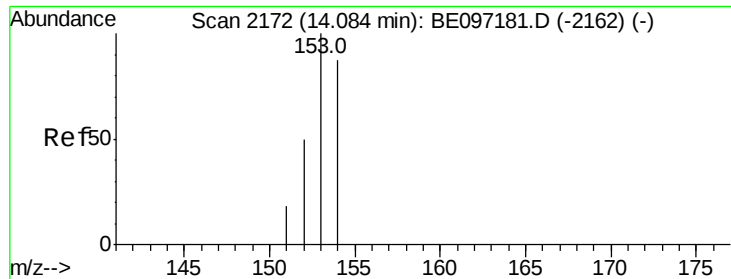
Tgt Ion:142	Resp:	2647
Ion Ratio	Lower	Upper
142 100		
141 96.6	72.6	108.8

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.064 ng/ul

RT: 14.09 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097183.D

Acq: 3 Aug 2018 17:18

Instrument :

BNA_E

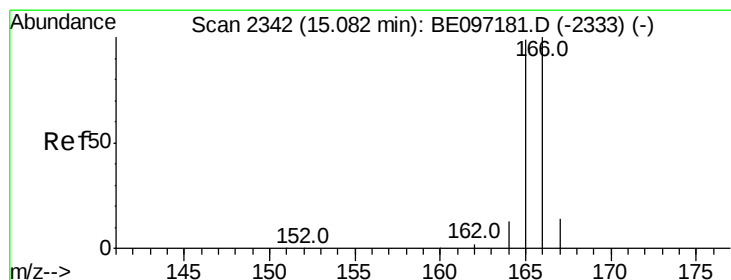
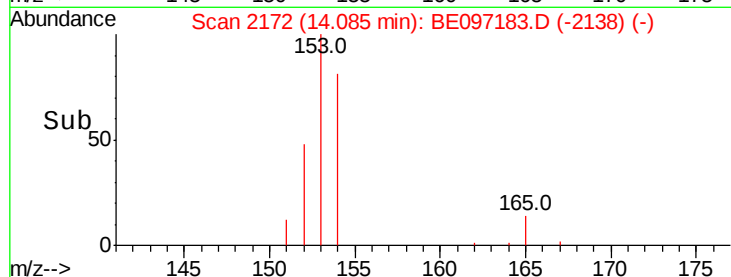
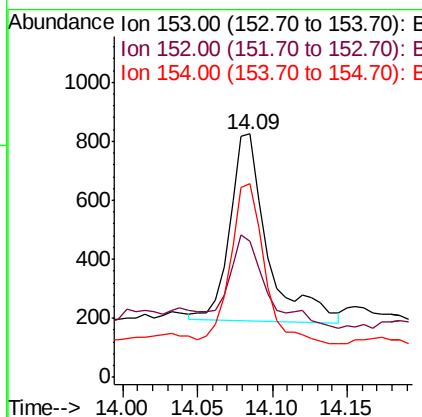
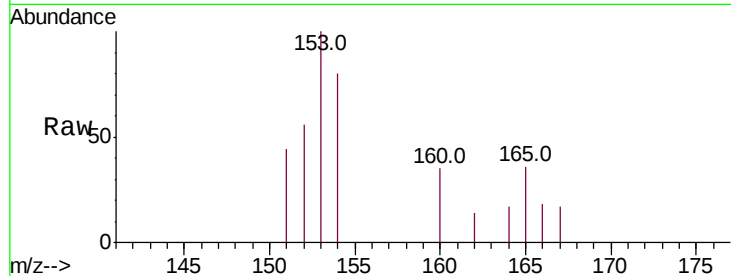
ClientSampled :

JJ1J3

Tot Ion	Ratio	Lower	Upper
153	100		
152	55.9	36.0	54.0#
154	79.8	72.0	108.0

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#9

Fluorene

Concen: 0.024 ng/ul

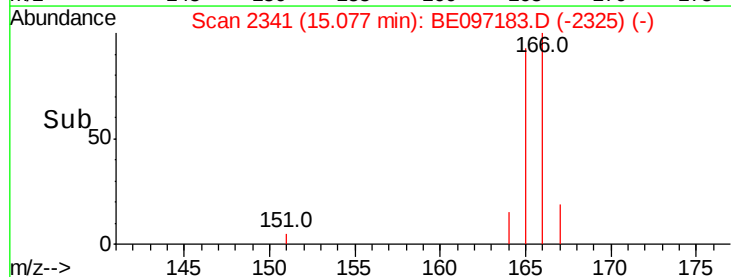
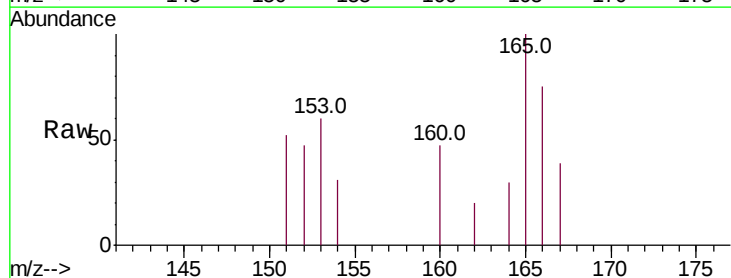
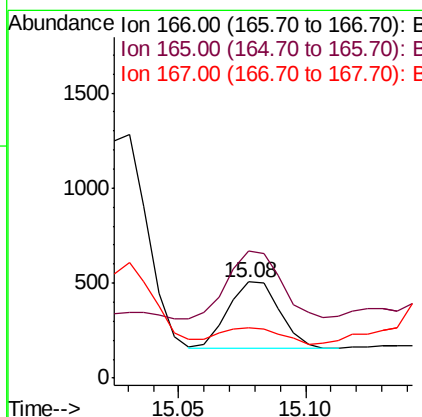
RT: 15.08 min Scan# 2341

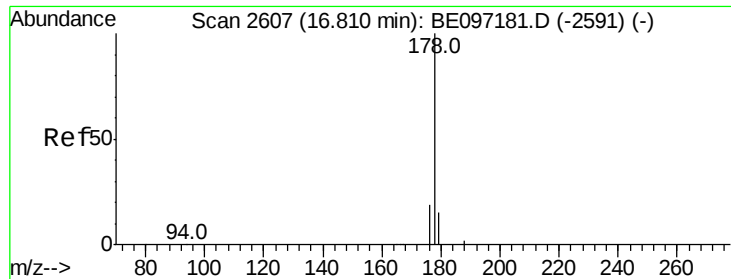
Delta R.T. -0.00 min

Lab File: BE097183.D

Acq: 3 Aug 2018 17:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	132.8	73.4	110.2#
167	52.2	14.6	22.0#





#12

Phenanthrene

Concen: 0.223 ng/ul m

RT: 16.81 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097183.D

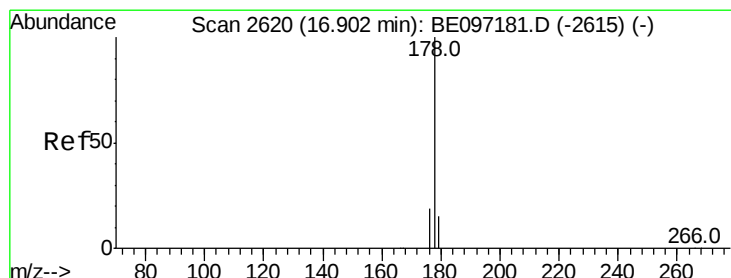
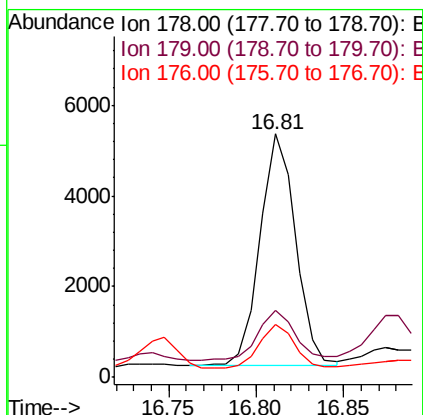
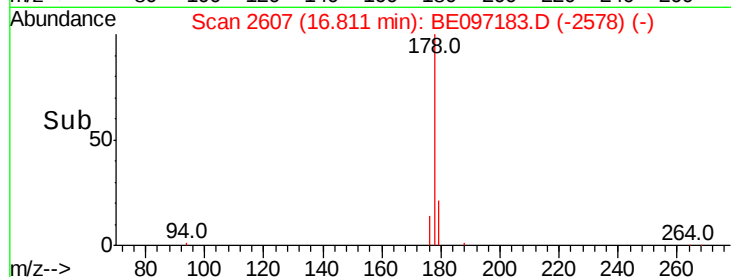
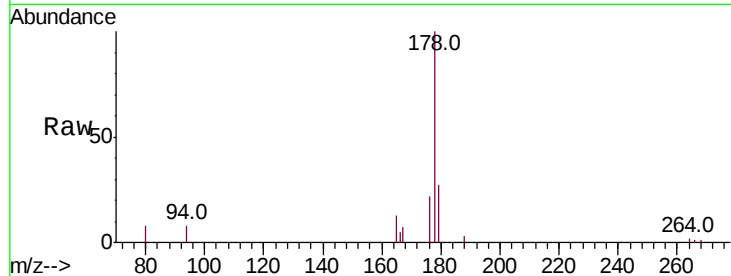
Acq: 3 Aug 2018 17:18

Instrument :
BNA_E
ClientSampleId :
JJ1J3

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.3	18.4	27.6
176	21.7	13.6	20.4

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#13

Anthracene

Concen: 0.038 ng/ul m

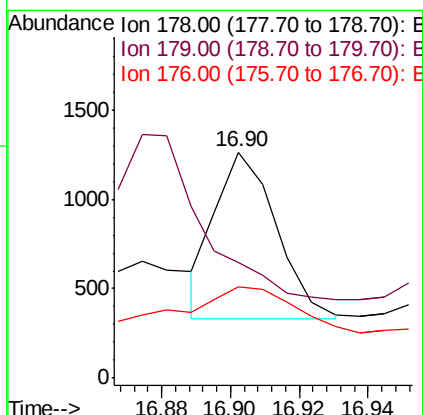
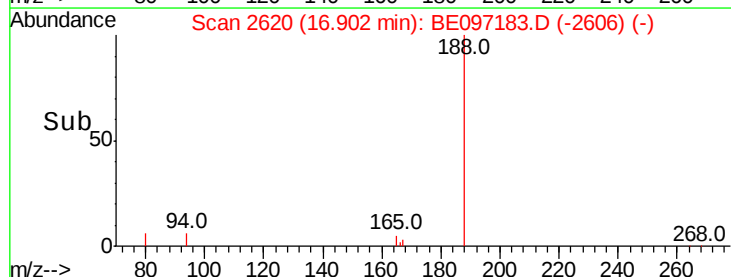
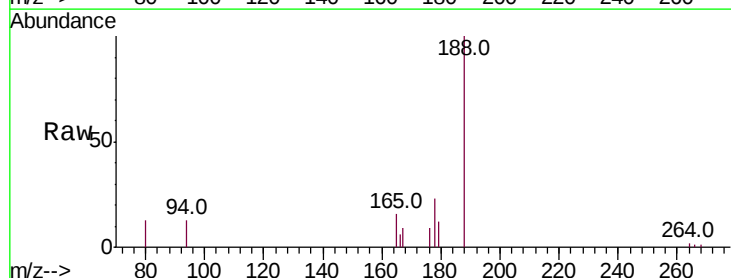
RT: 16.90 min Scan# 2620

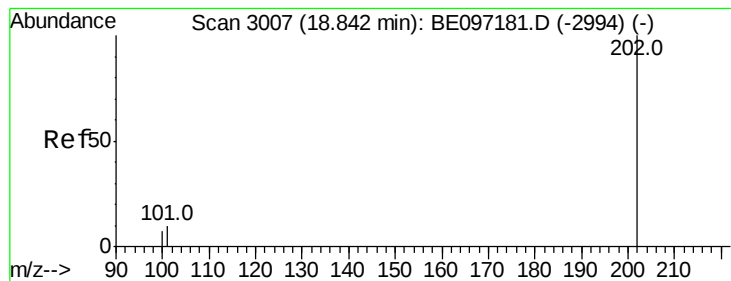
Delta R.T. 0.00 min

Lab File: BE097183.D

Acq: 3 Aug 2018 17:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	51.3	18.1	27.1
176	40.1	14.7	22.1





#15

Fluoranthene

Concen: 0.350 ng/ul m

RT: 18.84 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BE097183.D

Acq: 3 Aug 2018 17:18

Instrument :

BNA_E

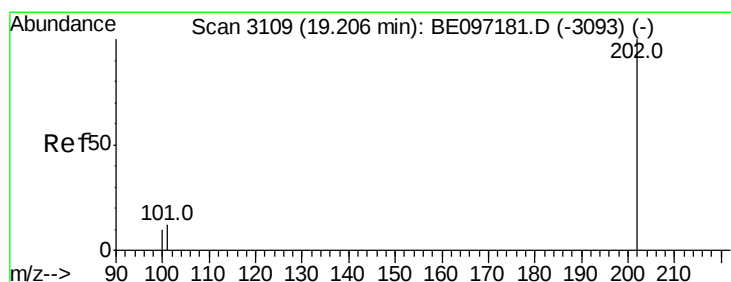
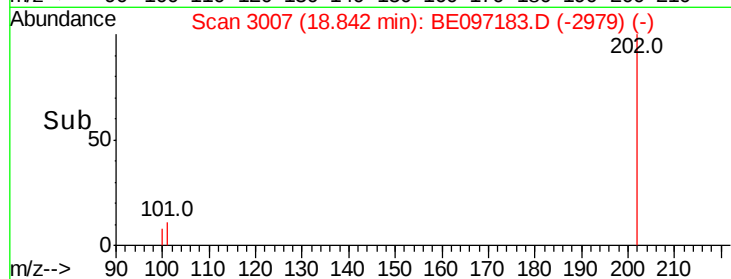
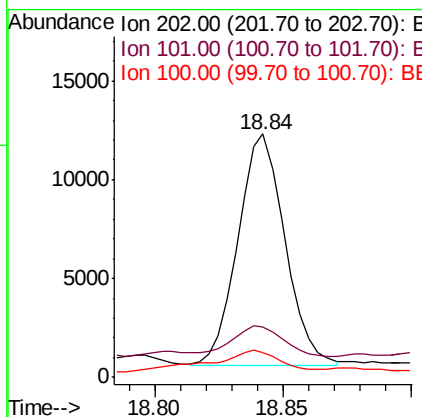
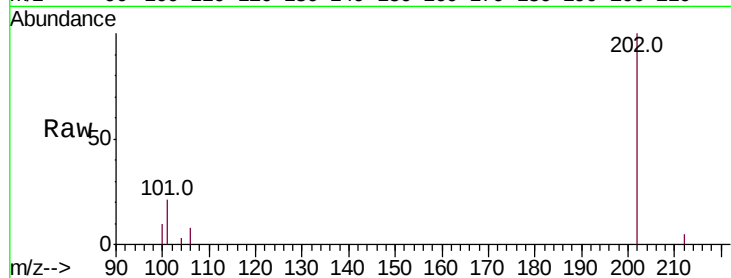
ClientSampleId :

JJ1J3

Tot Ion:	202	Resp:	14896
Ion Ratio	Lower	Upper	
202	100		
101	20.5	0.0	30.3
100	10.1	0.0	39.5

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#17

Pyrene

Concen: 0.535 ng/ul m

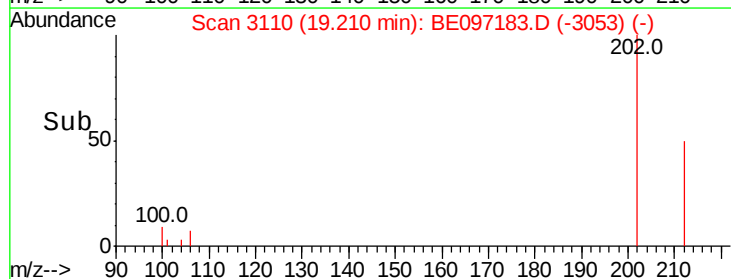
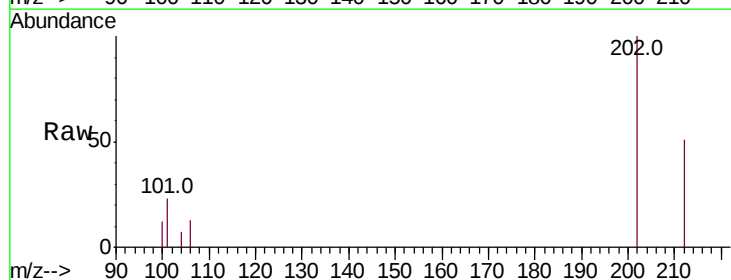
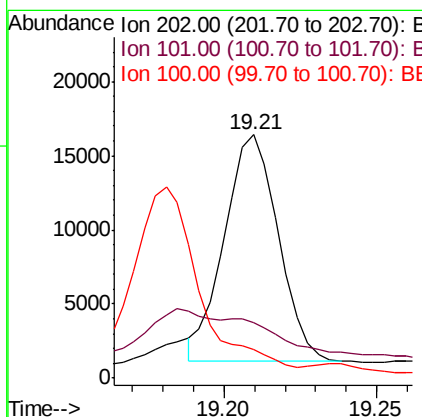
RT: 19.21 min Scan# 3110

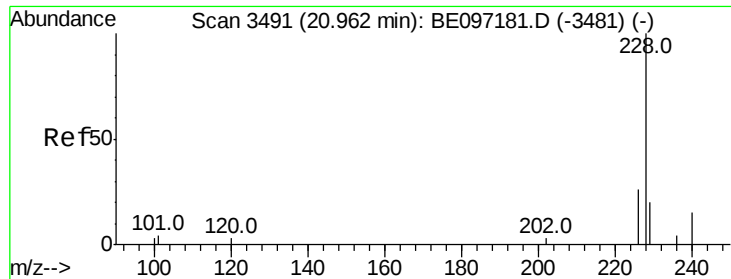
Delta R.T. 0.00 min

Lab File: BE097183.D

Acq: 3 Aug 2018 17:18

Tgt Ion:	202	Resp:	18744
Ion Ratio	Lower	Upper	
202	100		
101	22.7	18.2	27.4
100	11.7	15.6	23.4#





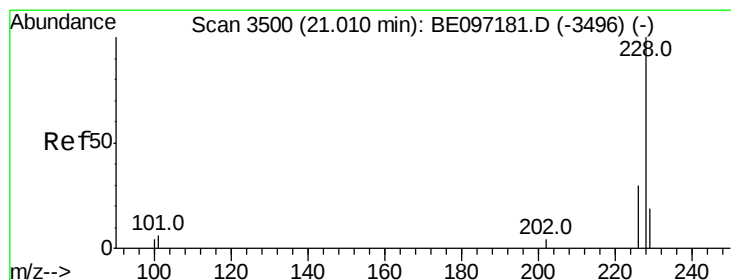
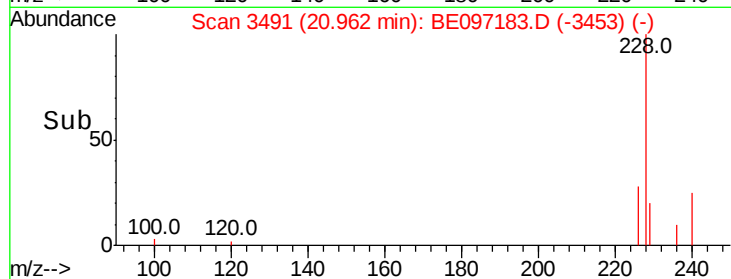
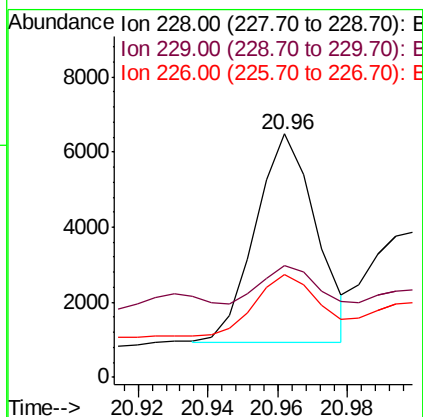
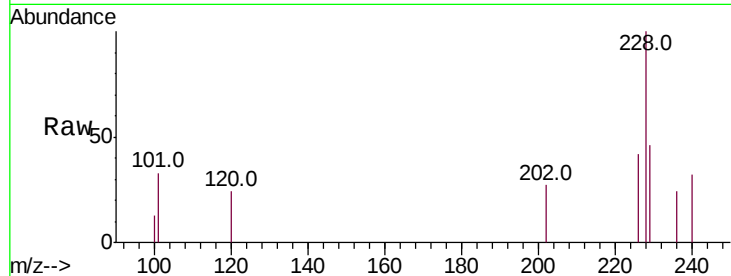
#18
Benzo(a)anthracene
Concen: 0.180 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097183.D
Acq: 3 Aug 2018 17:18

Instrument :
BNA_E
ClientSampleId :
JJ1J3

Tot Ion	Ratio	Lower	Upper
228	100		
229	46.0	22.8	34.2#
226	42.3	17.0	25.6#

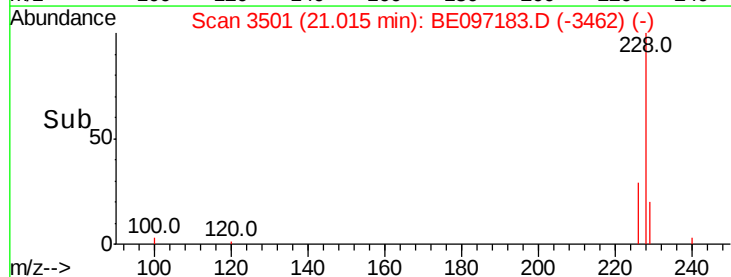
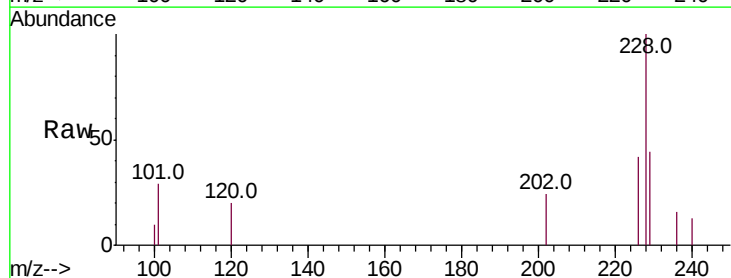
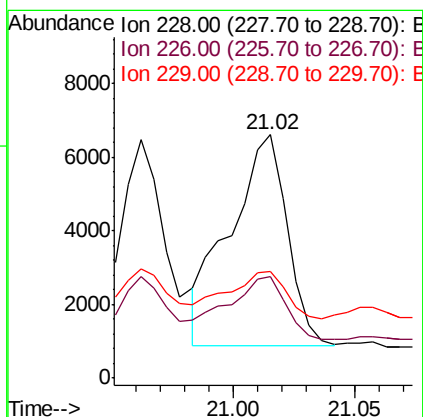
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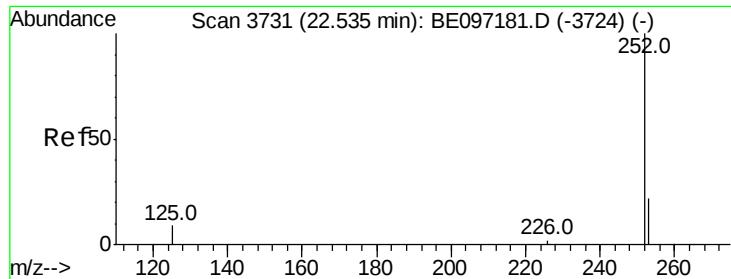
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#19
Chrysene
Concen: 0.244 ng/ul m
RT: 21.02 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097183.D
Acq: 3 Aug 2018 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.6	23.4	35.0#
229	43.9	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.321 ng/ul m

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097183.D

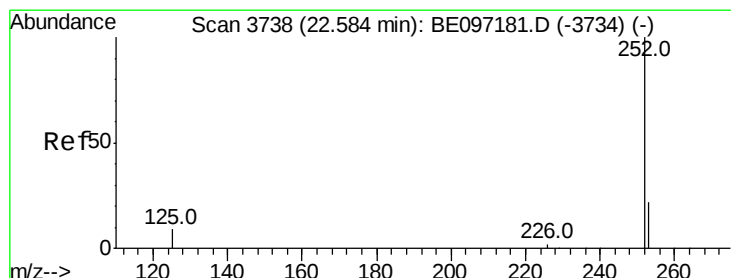
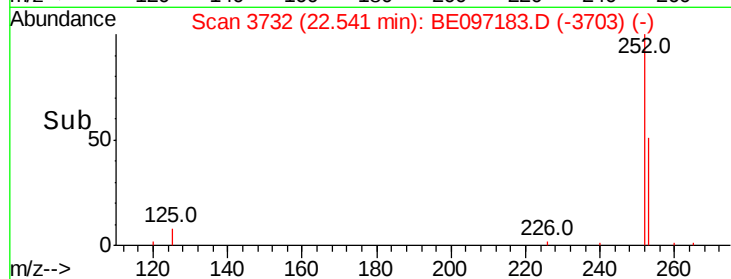
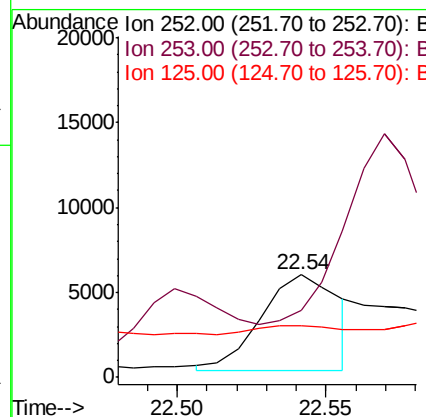
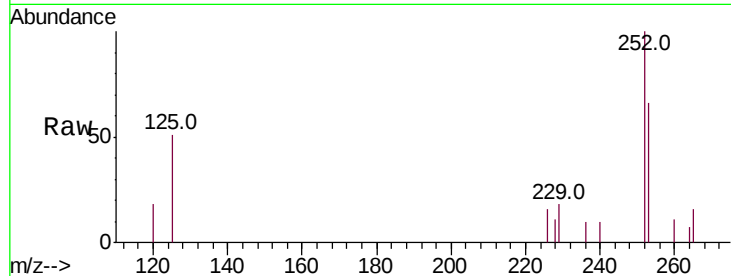
Acq: 3 Aug 2018 17:18

Instrument :
BNA_E
ClientSampled :
JJ1J3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	66.0	0.0	64.2#
125	51.0	0.0	35.0#

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#22

Benzo(k)fluoranthene

Concen: 0.201 ng/ul m

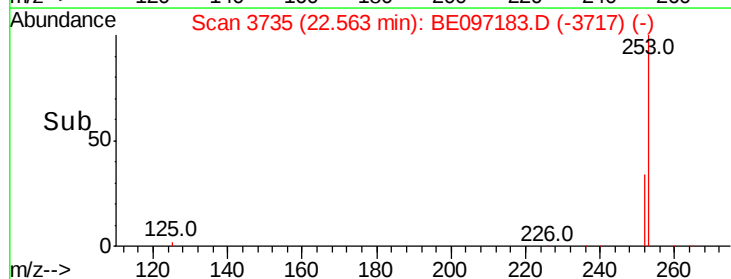
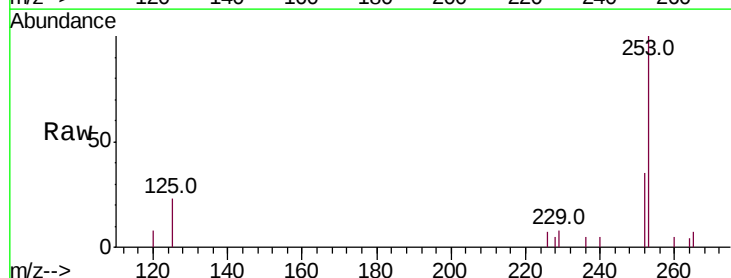
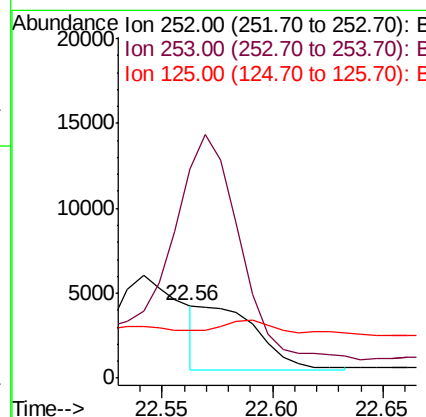
RT: 22.56 min Scan# 3735

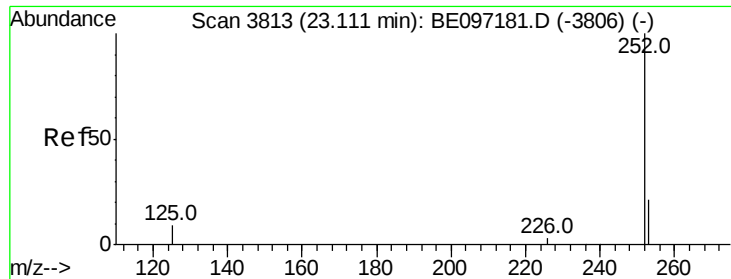
Delta R.T. -0.02 min

Lab File: BE097183.D

Acq: 3 Aug 2018 17:18

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	288.3	24.5	36.7#
125	65.1	13.7	20.5#





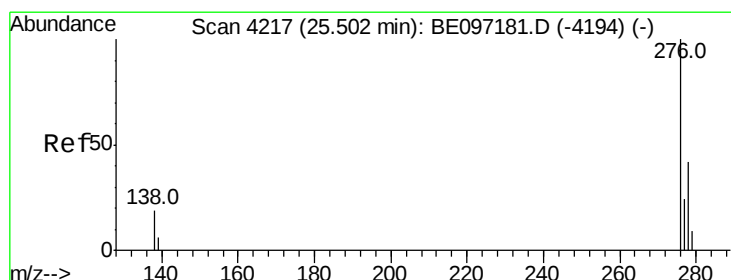
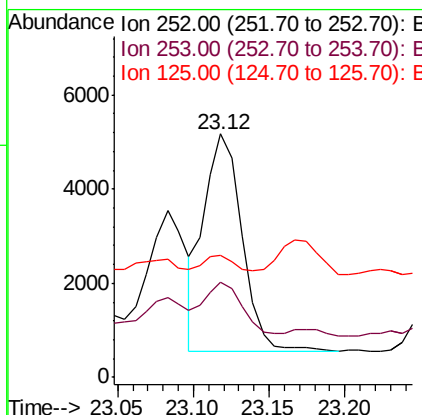
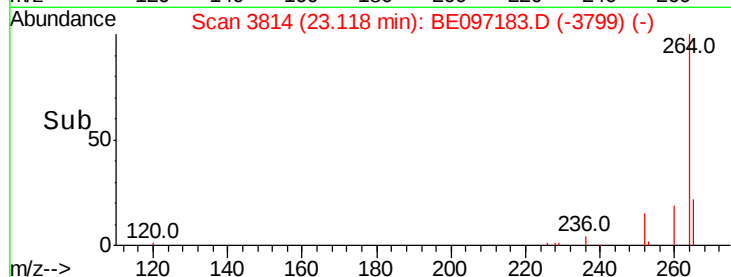
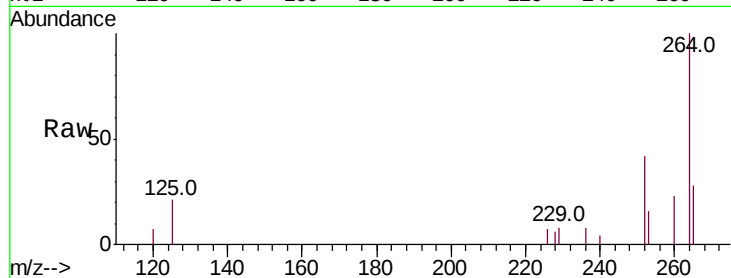
#23
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.12 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097183.D
Acq: 3 Aug 2018 17:18

Instrument :
BNA_E
ClientSampled :
JJ1J3

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.8	28.5	42.7
125	50.4	18.1	27.1

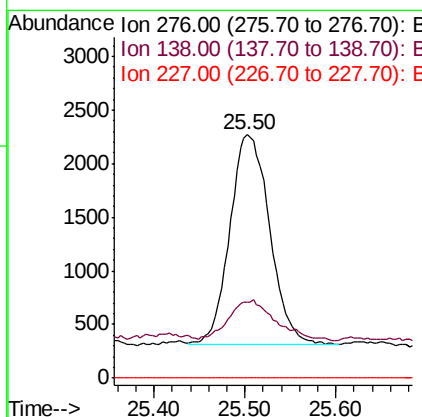
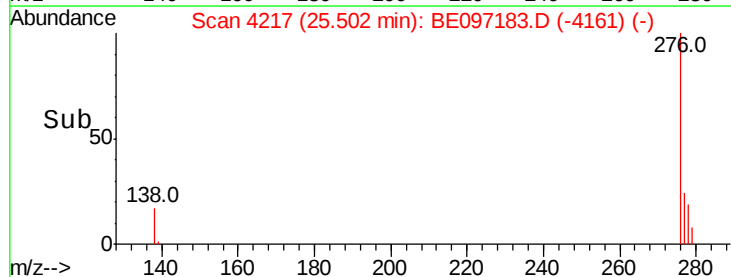
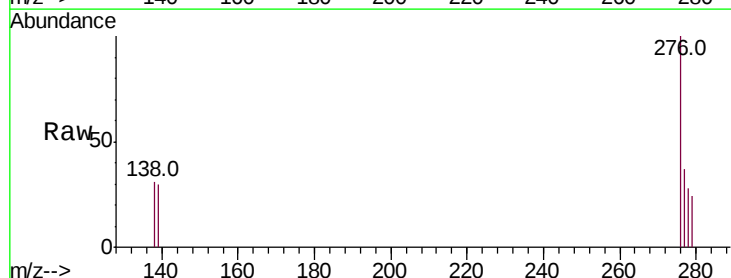
Manual Integrations
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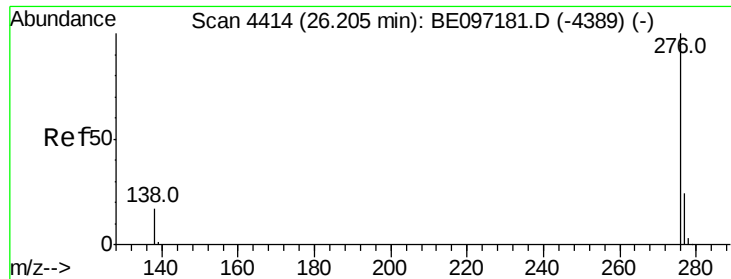
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE097183.D
Acq: 3 Aug 2018 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	28.0	42.0
227	0.0	8.0	12.0





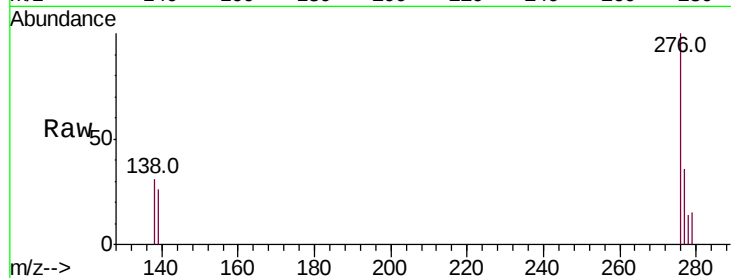
#26
 Benzo(a,h,i)perylene
 Concen: 0.187 ng/ul
 RT: 26.21 min Scan# 4415
 Delta R.T. 0.00 min
 Lab File: BE097183.D
 Acq: 3 Aug 2018 17:18

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J3

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	21.8	32.8
277	35.5	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:25 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 3000 Ion 138.00 (137.70 to 138.70): E
 2500 Ion 277.00 (276.70 to 277.70): E

