

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097206.D
 Acq On : 4 Aug 2018 17:58
 Operator : SJ/JU
 Sample : J4206-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J8

Manual Integrations
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Sohil
 8/14/2018 8:40:57 AM

Quant Time: Aug 14 05:02:33 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 : Tue Aug 14 04:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1333	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7059	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4498	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10487m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10637m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10324m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2995	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	8614m	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	728	0.043	ng/ul#	82
5) 2-Methylnaphthalene	11.80	142	466	0.041	ng/ul	96
7) Acenaphthylene	13.73	152	690	0.035	ng/ul#	78
8) Acenaphthene	14.08	153	295	0.021	ng/ul#	90
9) Fluorene	15.08	166	659	0.041	ng/ul#	87
12) Phenanthrene	16.81	178	9149m	0.342	ng/ul	
13) Anthracene	16.90	178	1492m	0.060	ng/ul	
15) Fluoranthene	18.84	202	11881m	0.336	ng/ul	
17) Pyrene	19.20	202	14434	0.506	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	5152	0.169	ng/ul#	85
19) Chrysene	21.01	228	6243	0.199	ng/ul	94
21) Benzo(b)fluoranthene	22.54	252	6853m	0.244	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	2166m	0.071	ng/ul	
23) Benzo(a)pyrene	23.11	252	5507	0.196	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.50	276	3479	0.099	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	814	0.028	ng/ul#	45
26) Benzo(a,h,i)perylene	26.21	276	3680	0.121	ng/ul	93

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

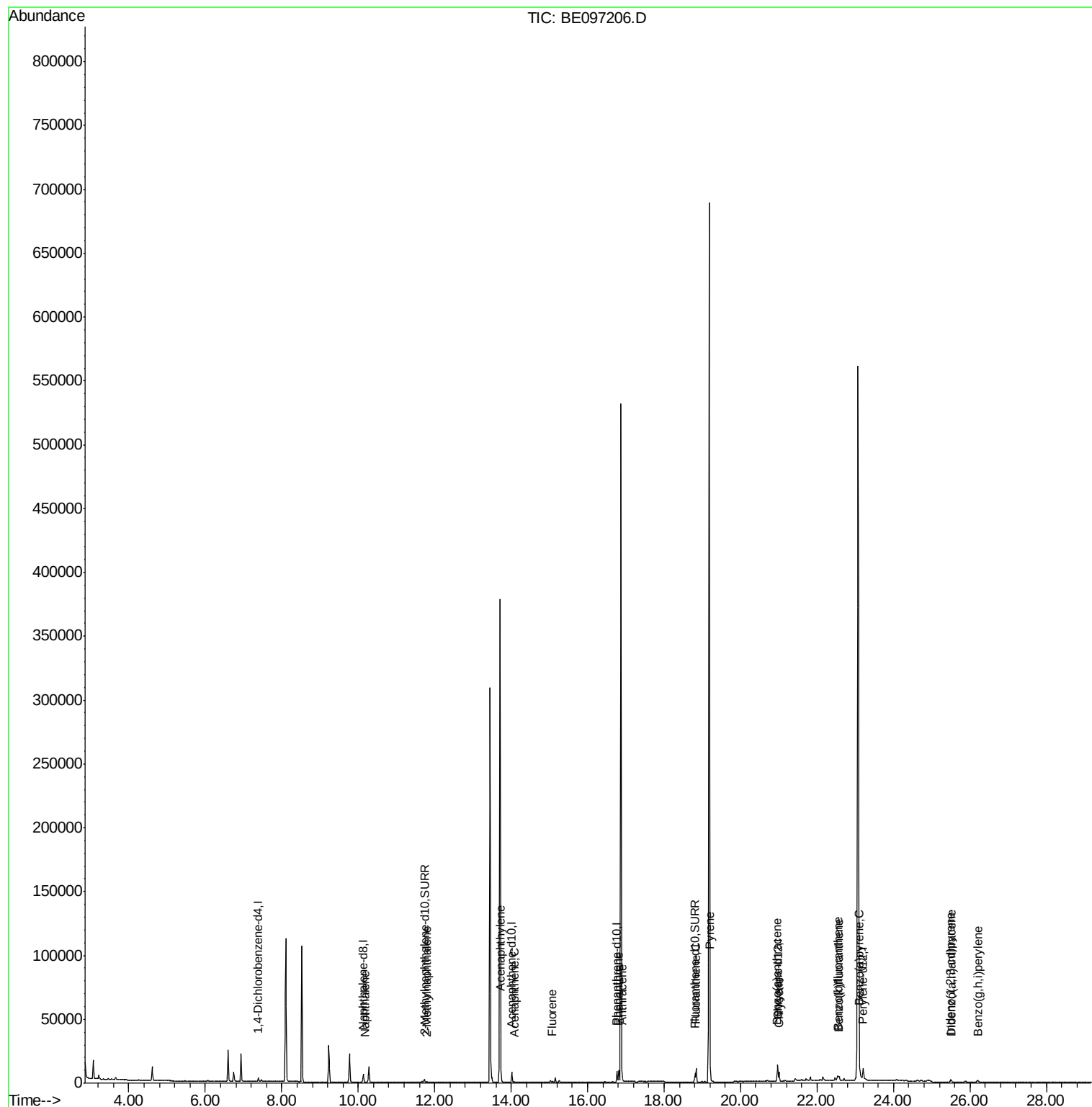
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097206.D
Acq On : 4 Aug 2018 17:58
Operator : SJ/JU
Sample : J4206-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

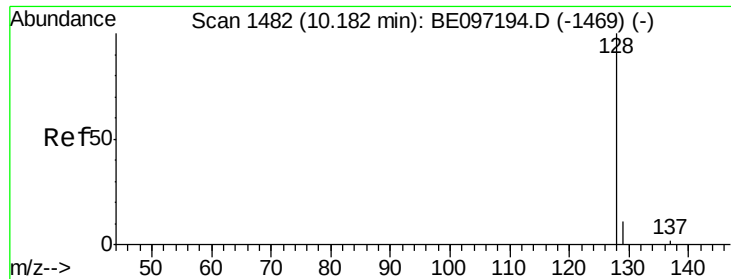
Instrument :
BNA_E
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JJ1J8

Quant Time: Aug 14 05:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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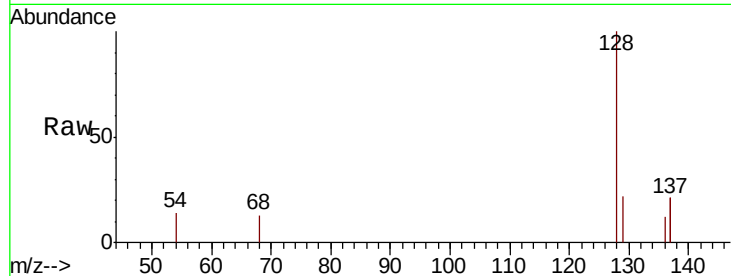
#3
Naphthalene
Concen: 0.043 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :
JJ1J8

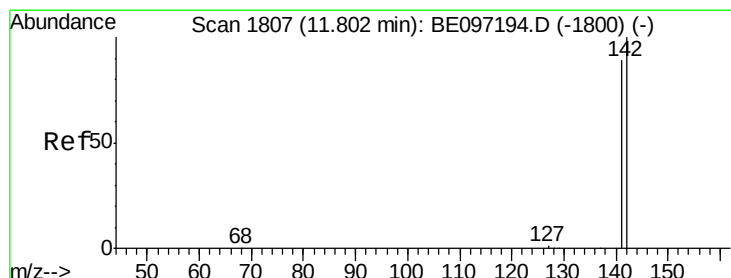
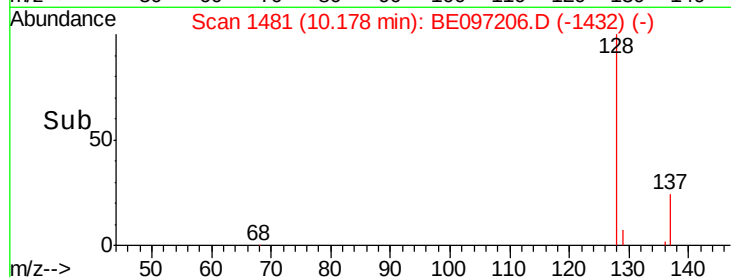
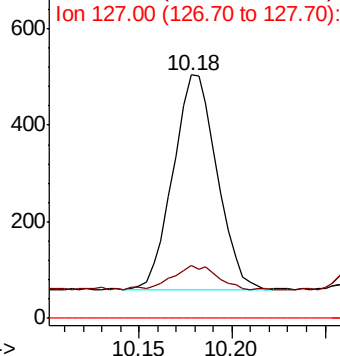
Tot Ion	Ratio	Lower	Upper
128	100		
129	21.6	11.3	16.9#
127	0.0	4.0	6.0#

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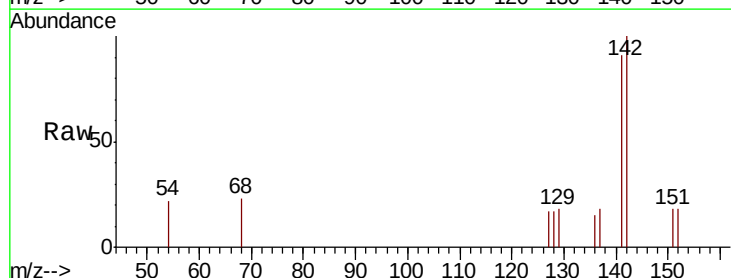


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

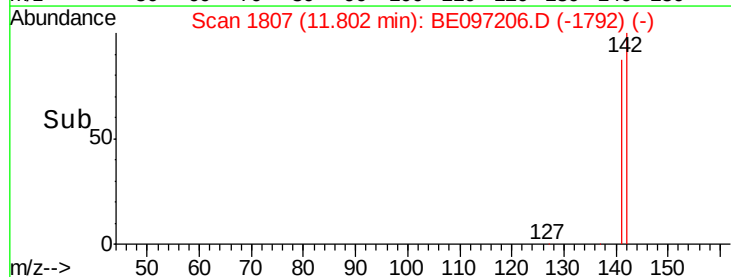
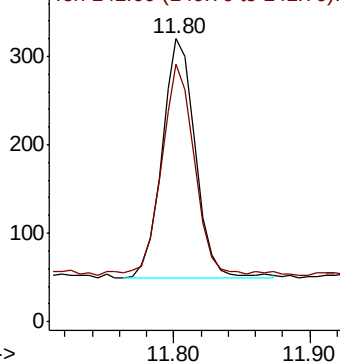


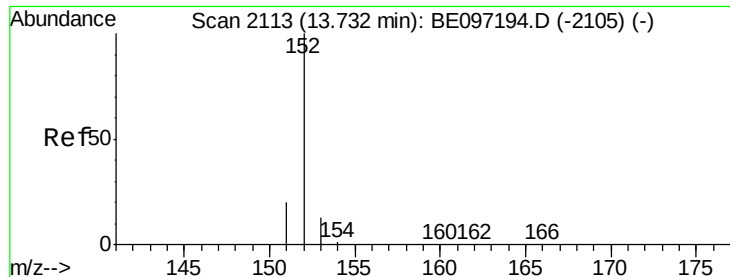
#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 11.80 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	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: 0.035 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097206.D

Acq: 4 Aug 2018 17:58

Instrument :

BNA_E

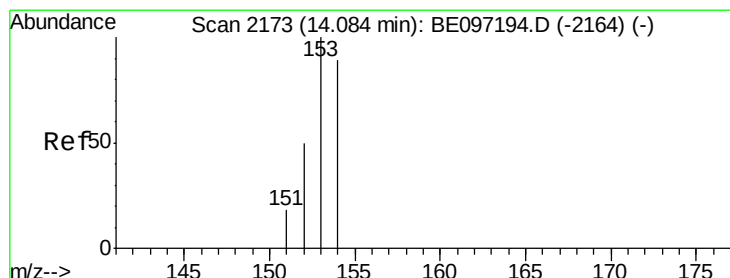
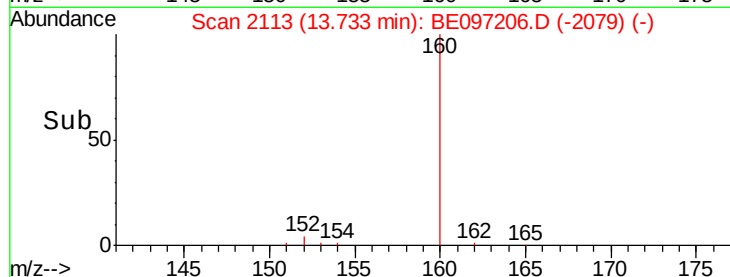
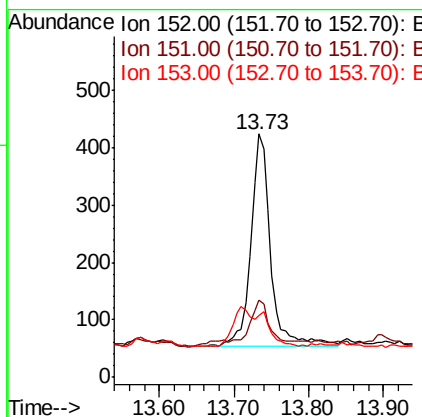
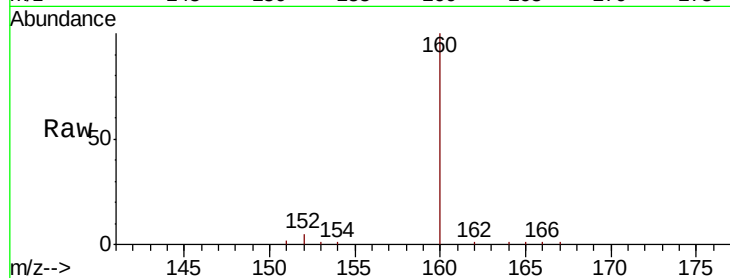
ClientSampled :

JJ1J8

Tot Ion:	152	Resp:	690
Ion Ratio	Lower	Upper	
152	100		
151	31.6	17.1	25.7#
153	25.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.021 ng/ul

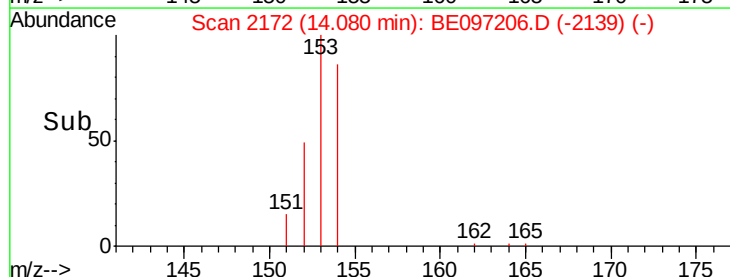
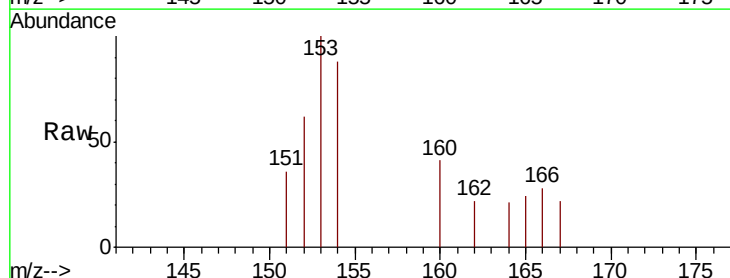
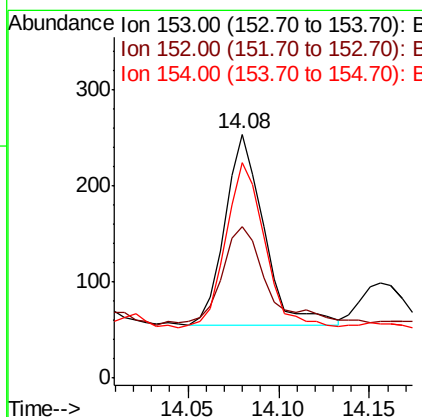
RT: 14.08 min Scan# 2172

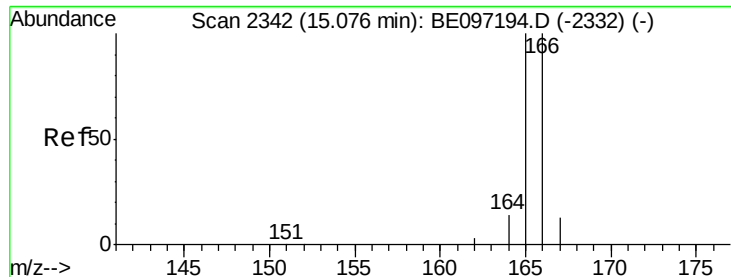
Delta R.T. -0.00 min

Lab File: BE097206.D

Acq: 4 Aug 2018 17:58

Tgt Ion:	153	Resp:	295
Ion Ratio	Lower	Upper	
153	100		
152	62.1	36.0	54.0#
154	88.1	72.0	108.0





#9

Fluorene

Concen: 0.041 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097206.D

Acq: 4 Aug 2018 17:58

Instrument :

BNA_E

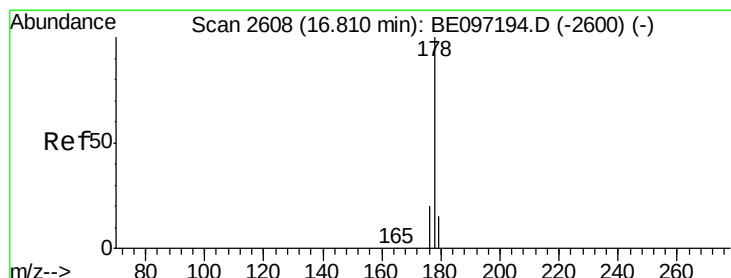
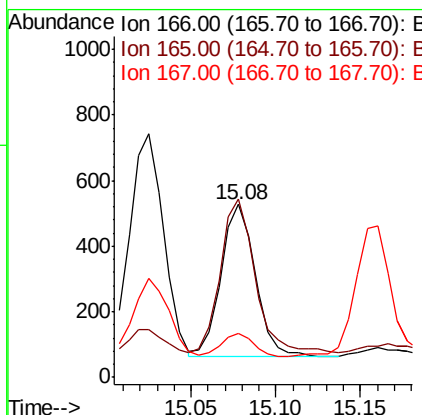
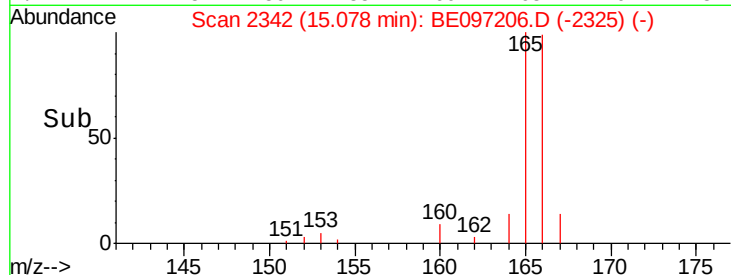
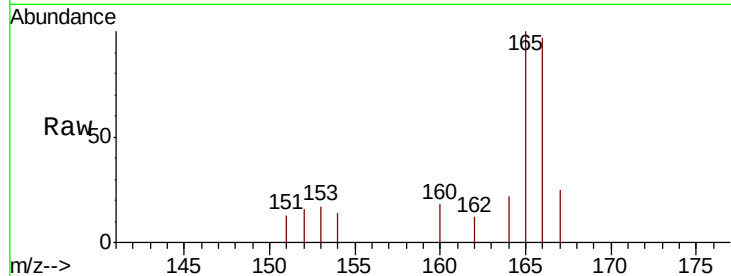
ClientSampled :

JJ1J8

Tot Ion:	166	Resp:	659
Ion	Ratio	Lower	Upper
166	100		
165	103.2	73.4	110.2
167	25.8	14.6	22.0

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#12

Phenanthrene

Concen: 0.342 ng/ul m

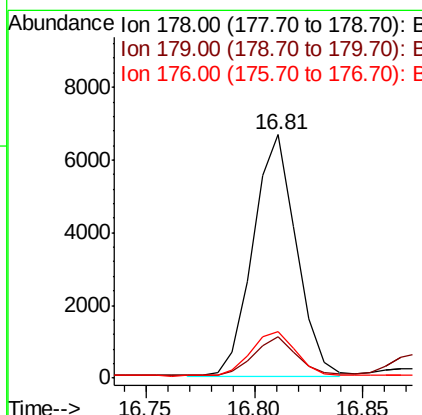
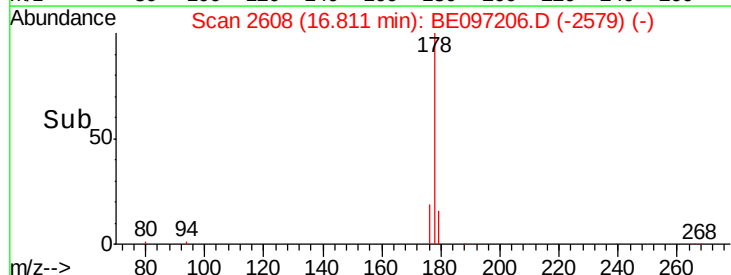
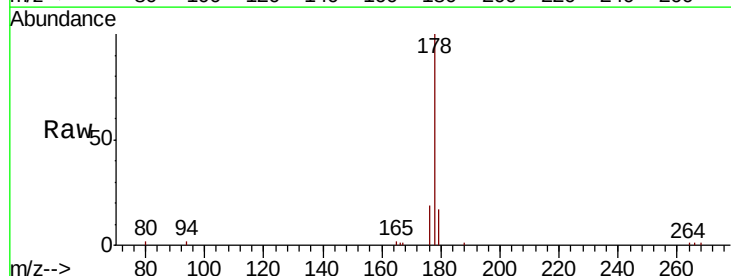
RT: 16.81 min Scan# 2608

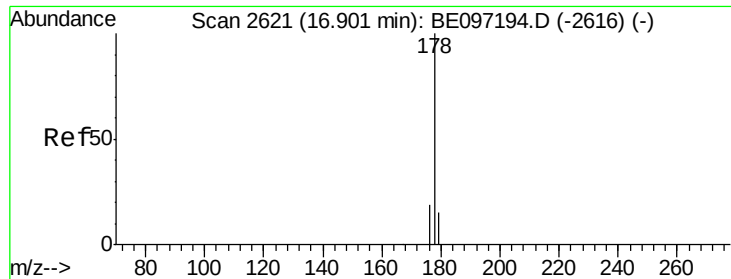
Delta R.T. 0.00 min

Lab File: BE097206.D

Acq: 4 Aug 2018 17:58

Tgt Ion:	178	Resp:	9149
Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6
176	19.3	13.6	20.4





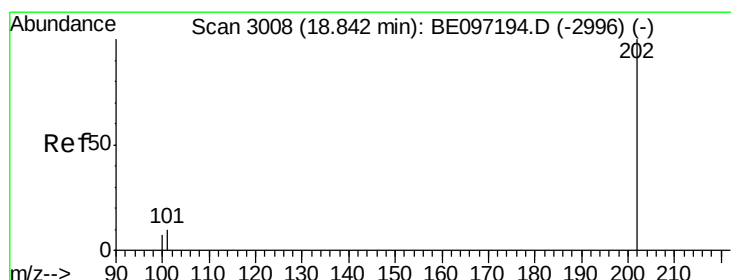
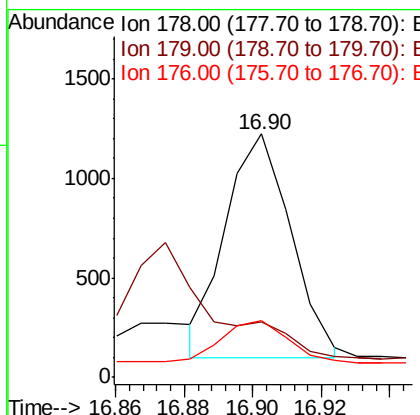
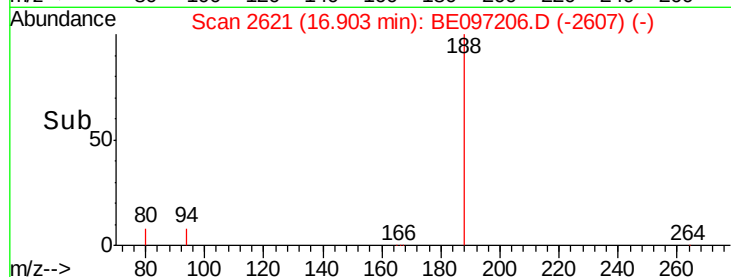
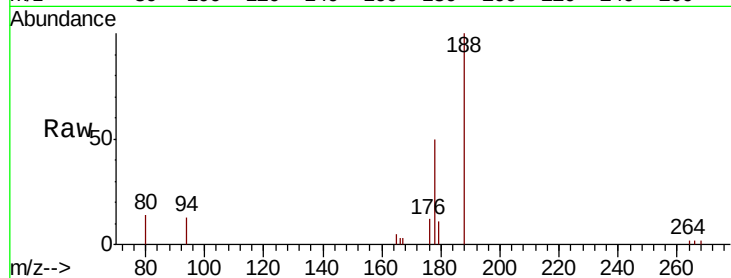
#13
 Anthracene
 Concen: 0.060 ng/ul m
 RT: 16.90 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BE097206.D
 Acq: 4 Aug 2018 17:58

Instrument :
 BNA_E
 ClientSampled :
 JJ1J8

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.6	18.1	27.1
176	23.1	14.7	22.1

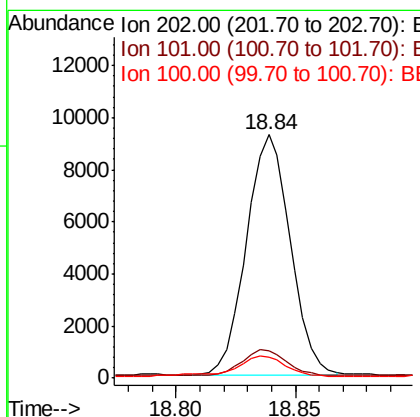
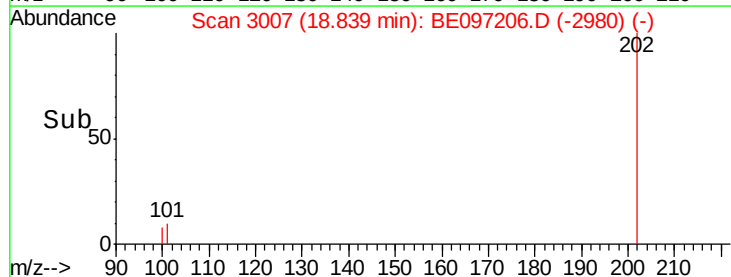
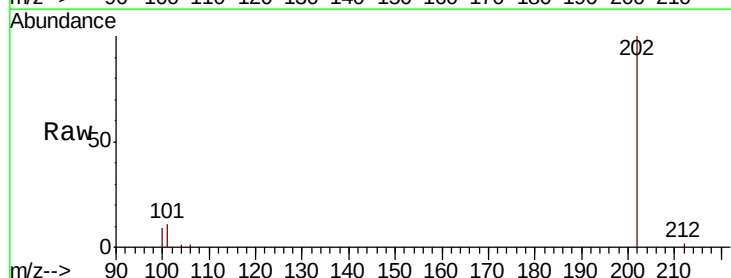
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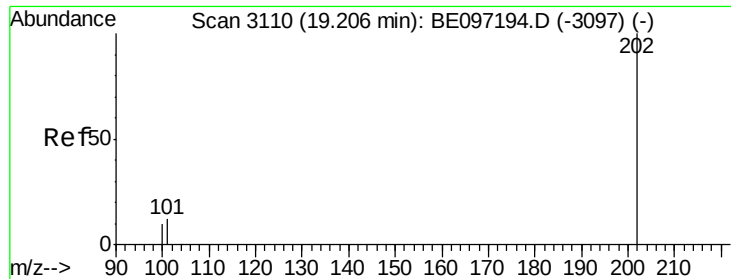
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#15
 Fluoranthene
 Concen: 0.336 ng/ul m
 RT: 18.84 min Scan# 3007
 Delta R.T. -0.00 min
 Lab File: BE097206.D
 Acq: 4 Aug 2018 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	8.8	0.0	39.5





#17

Pvrene

Concen: 0.506 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BE097206.D

Acq: 4 Aug 2018 17:58

Instrument :

BNA_E

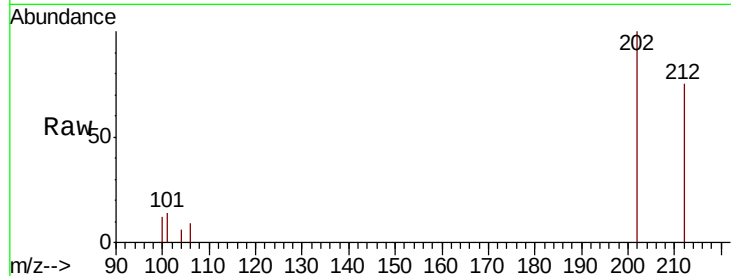
ClientSampled :

JJ1J8

Tot Ion:	202	Resp:	14434
Ion Ratio	Lower	Upper	
202	100		
101	13.6	18.2	27.4#
100	11.9	15.6	23.4#

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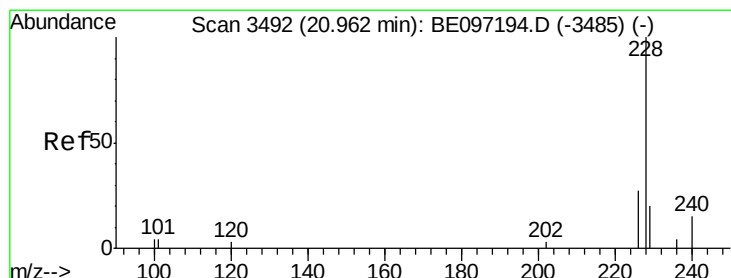
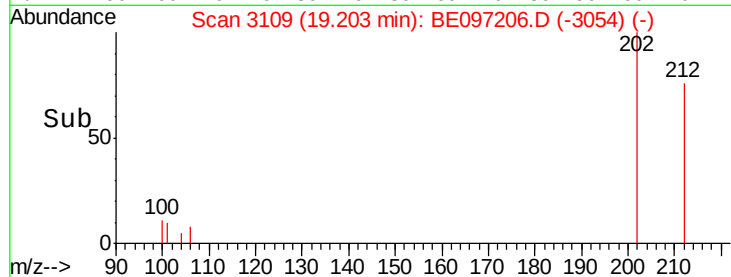
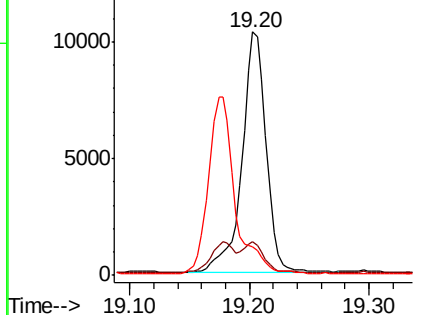
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#18

Benzo(a)anthracene

Concen: 0.169 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BE097206.D

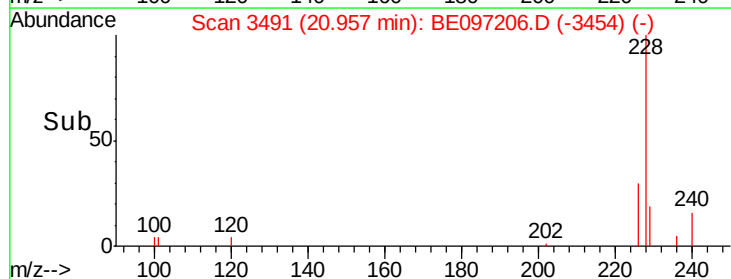
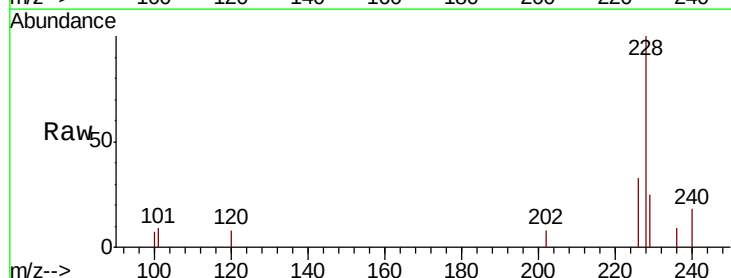
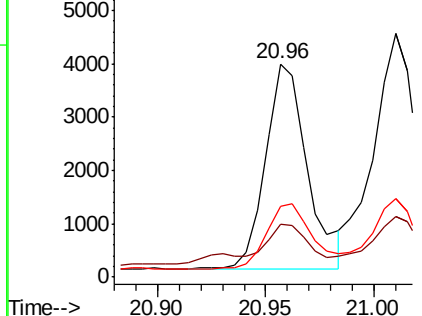
Acq: 4 Aug 2018 17:58

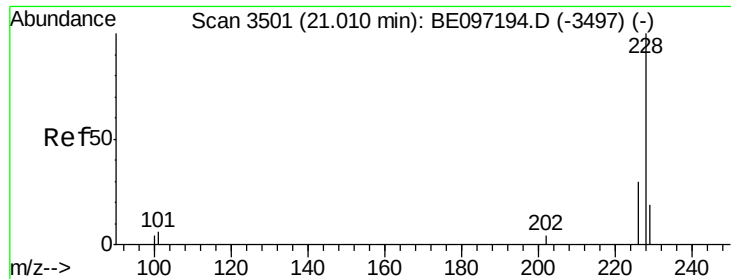
Tgt Ion:	228	Resp:	5152
Ion Ratio	Lower	Upper	
228	100		
229	24.7	22.8	34.2
226	33.1	17.0	25.6#

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





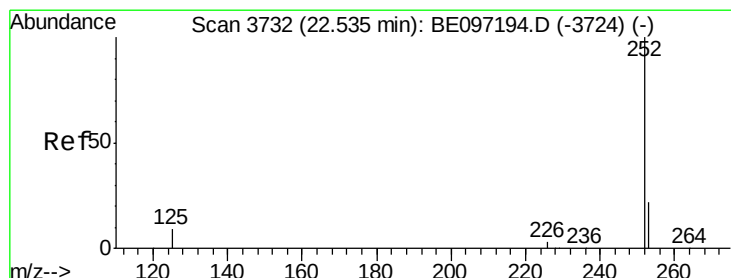
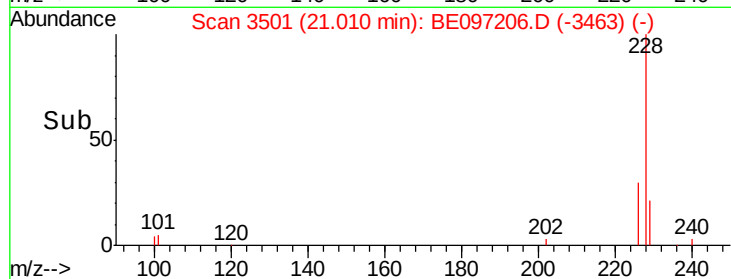
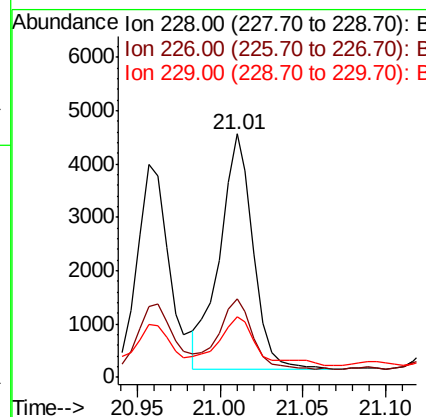
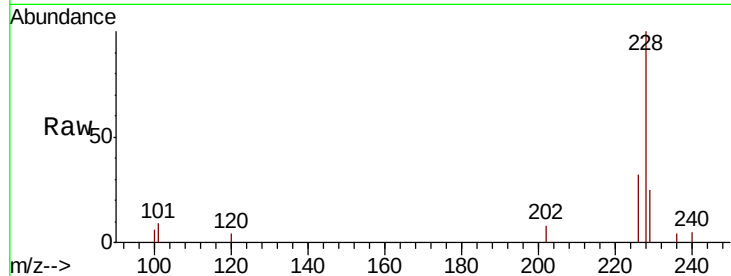
#19
Chrysene
Concen: 0.199 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :
JJ1J8

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.0
229	25.1	17.7	26.5

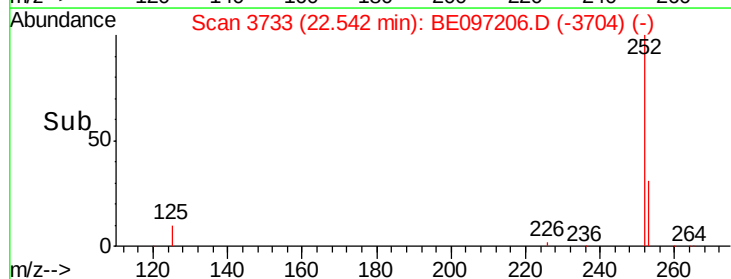
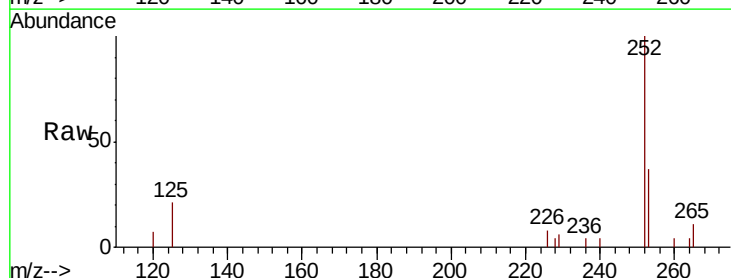
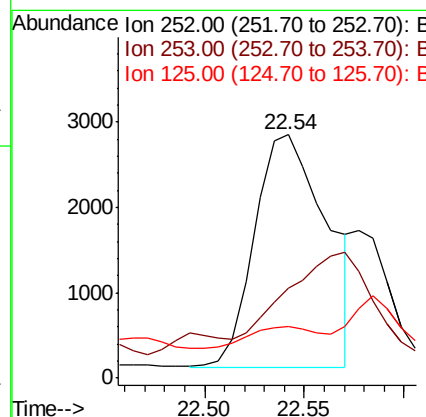
Manual Integrations
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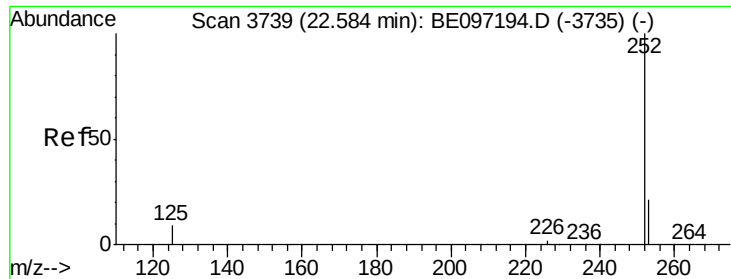
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#21
Benzo(b)fluoranthene
Concen: 0.244 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.7	0.0	64.2
125	21.4	0.0	35.0





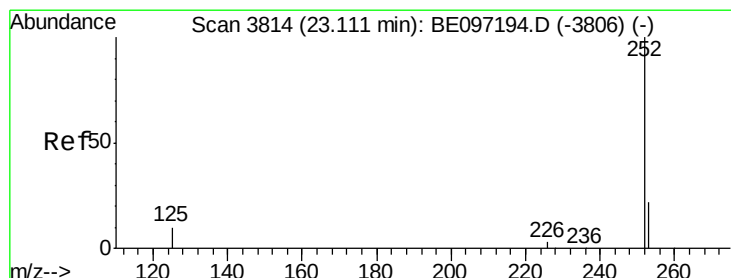
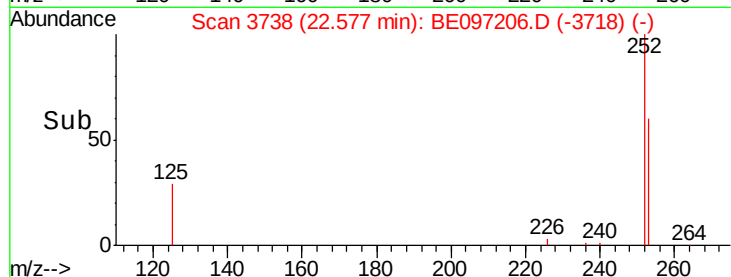
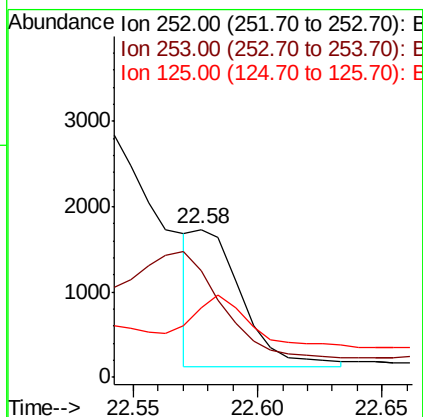
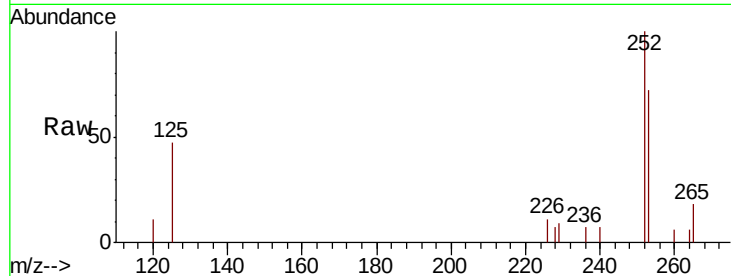
#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :
JJ1J8

Tot Ion	Ratio	Lower	Upper
252	100		
253	72.0	24.5	36.7#
125	47.4	13.7	20.5#

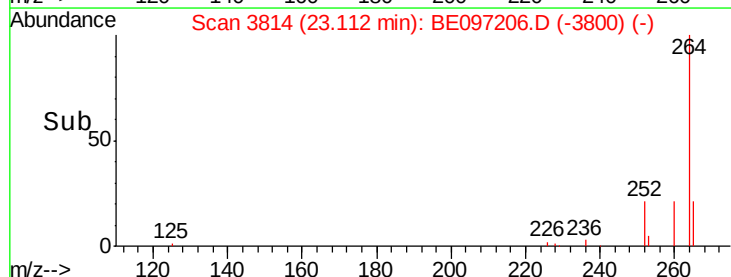
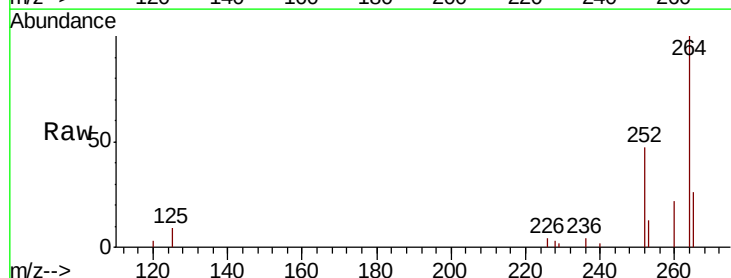
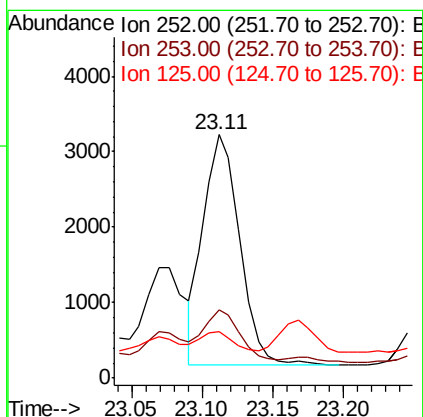
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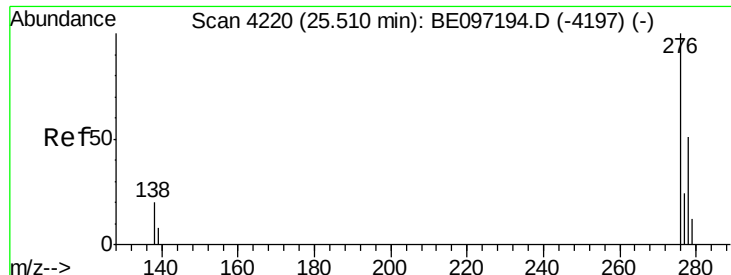
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8/14/2018 8:40:57 AM



#23
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	28.5	42.7#
125	18.9	18.1	27.1





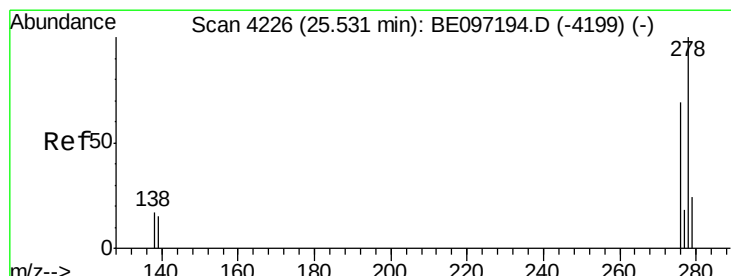
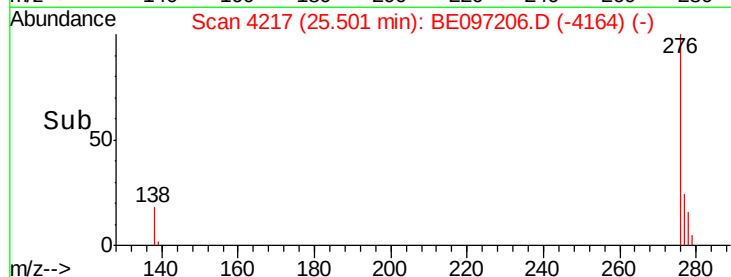
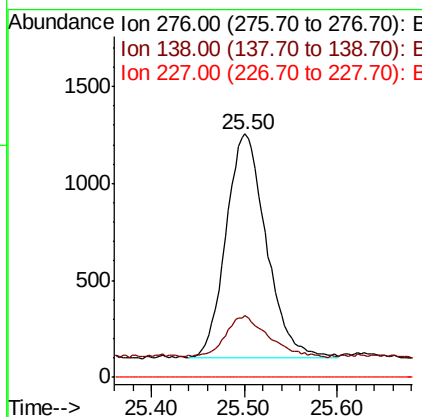
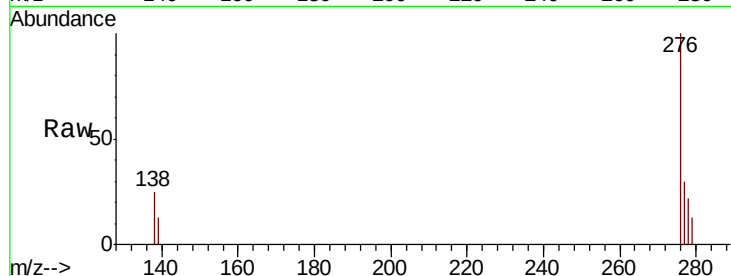
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.099 ng/ul
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097206.D
 Acq: 4 Aug 2018 17:58

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J8

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

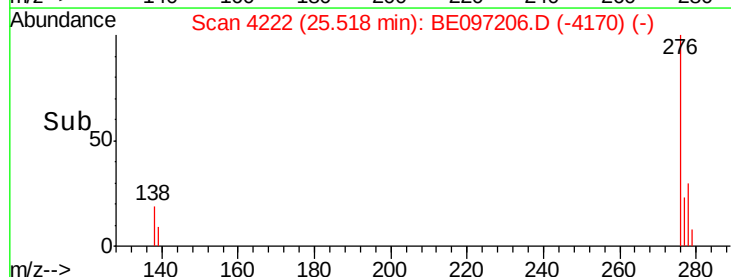
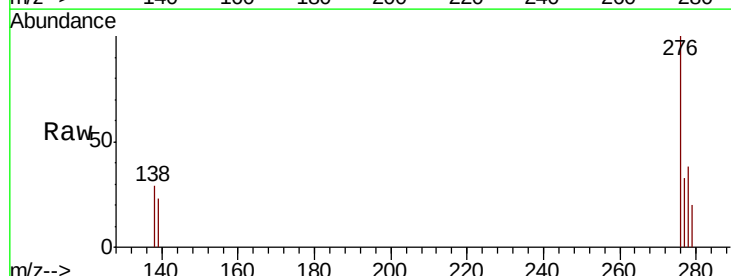
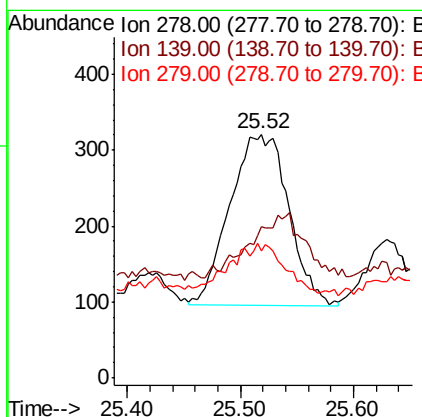
Manual Integrations
 APPROVED

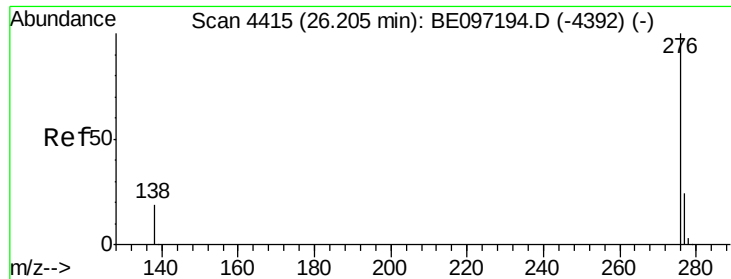
Sohil
 8/14/2018 8:40:57 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.028 ng/ul
 RT: 25.52 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BE097206.D
 Acq: 4 Aug 2018 17:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	62.0	17.4	26.0#
279	52.0	25.9	38.9#





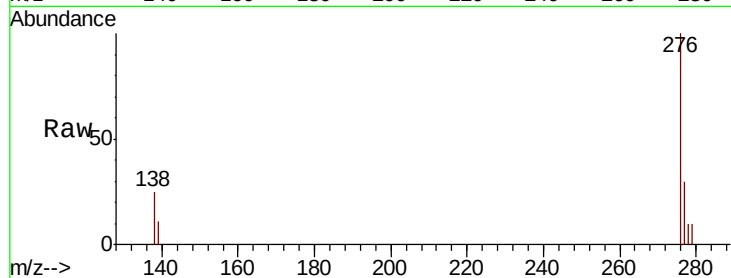
#26
Benzo(a,h,i)perylene
Concen: 0.121 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :
JJ1J8

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.8	32.8
277	30.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/14/2018 8:40:57 AM



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

