Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097425.D
Acq On : 7 Sep 2018 15:10
Operator : SJ/JU
Sample : J4688-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3YY1

Manual Integrations APPROVED
Sohil
9/11/2018 2:42:37 PM

Quant Time: Sep 08 00:41:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 07 23:49:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1054	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5578	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4108	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10747m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10856m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10697m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1966	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6609m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	4712	0.346	ng/ul#	93
5) 2-Methylnaphthalene	11.79	142	1188	0.138	ng/ul	98
7) Acenaphthylene	13.72	152	1259	0.084	ng/ul#	55
8) Acenaphthene	14.07	153	1005	0.078	ng/ul#	90
9) Fluorene	15.07	166	1310	0.089	ng/ul#	81
12) Phenanthrene	16.80	178	16183m	0.585	ng/ul	
13) Anthracene	16.89	178	3831m	0.165	ng/ul	
15) Fluoranthene	18.83	202	29639m	0.834	ng/ul	
17) Pyrene	19.20	202	30590m	1.047	ng/ul	
18) Benzo(a)anthracene	20.95	228	15929m	0.571	ng/ul	
19) Chrysene	21.00	228	10875m	0.338	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	57879m	2.020	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	19422m	0.608	ng/ul	
23) Benzo(a)pyrene	23.10	252	42836m	1.616	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.48	276	41333m	1.203	ng/ul	
25) Dibenzo(a,h)anthracene	25.50	278	9724m	0.334	ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	44868m	1.532	ng/ul	

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

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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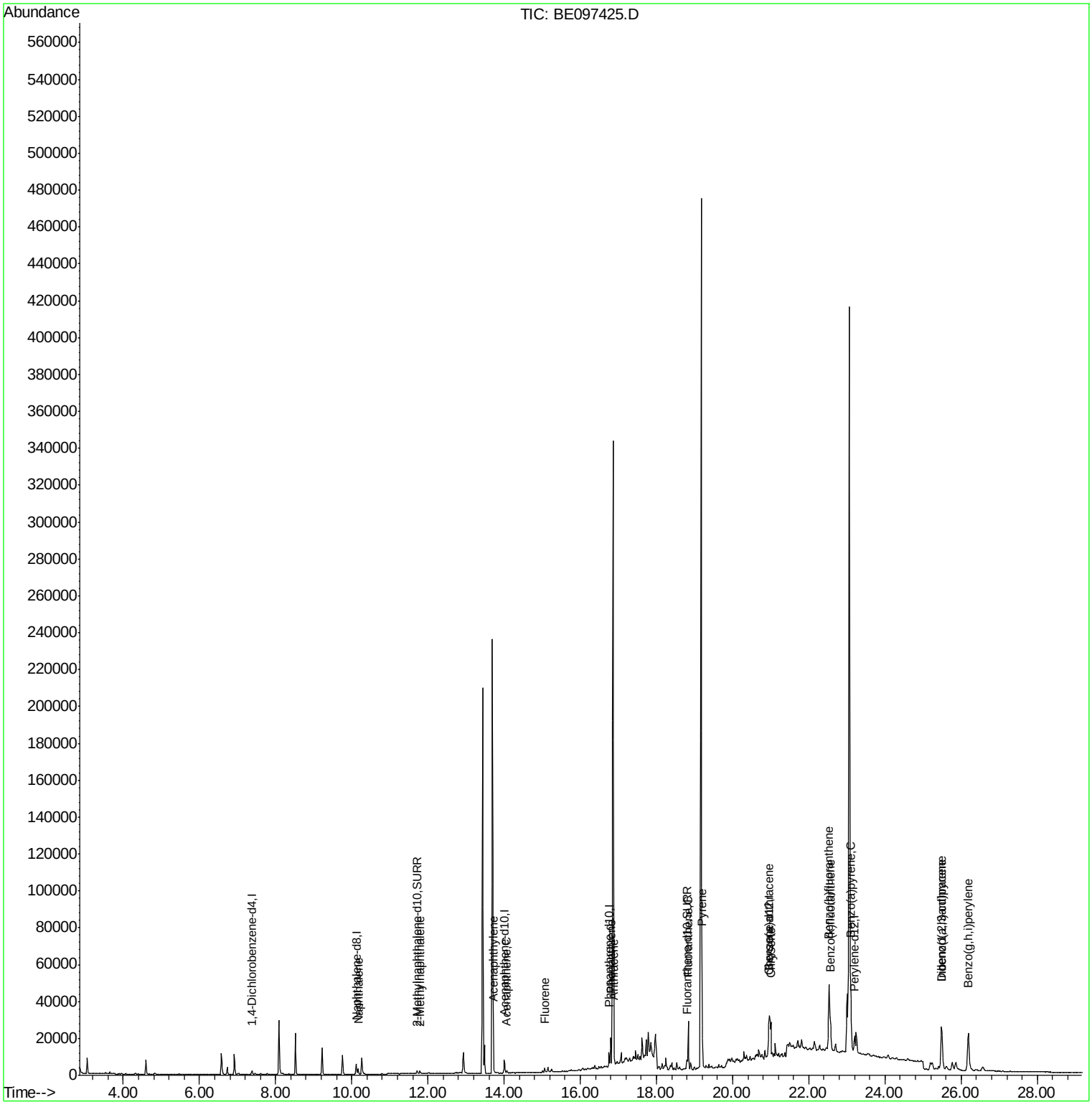
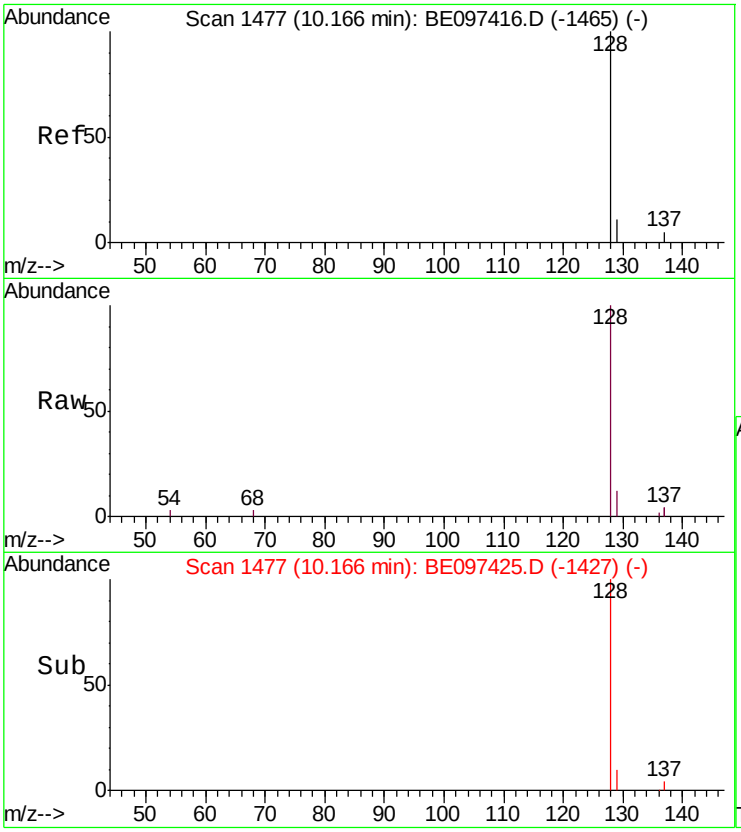
9/11/2018 2:42:37 PM

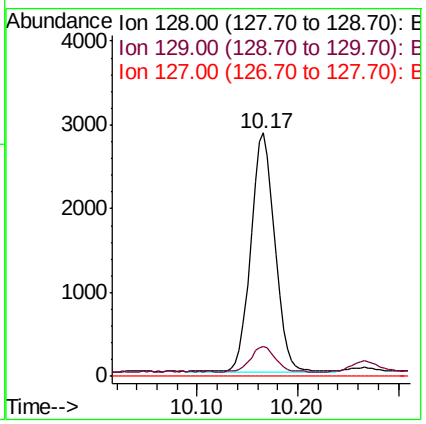




#3
Naphthalene
Concen: 0.346 ng/ul
RT: 10.17 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:128 Resp: 4712

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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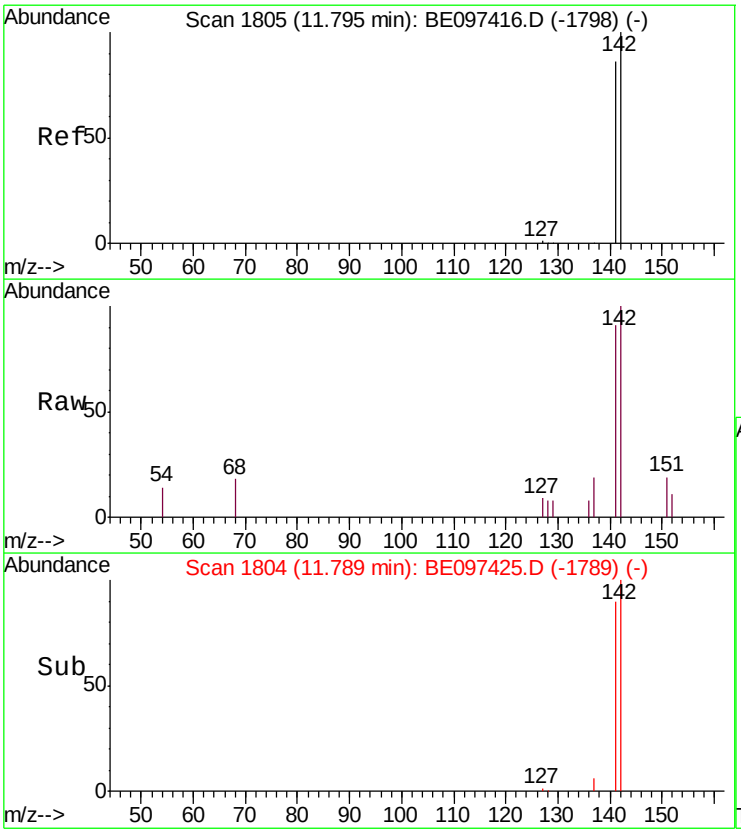
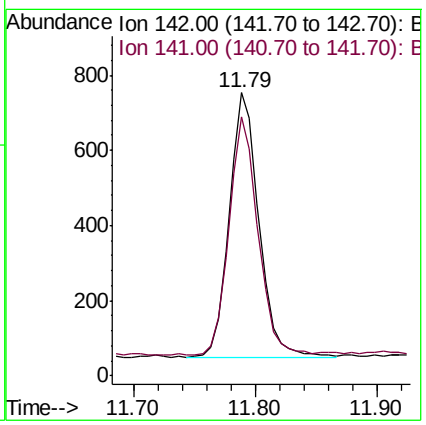
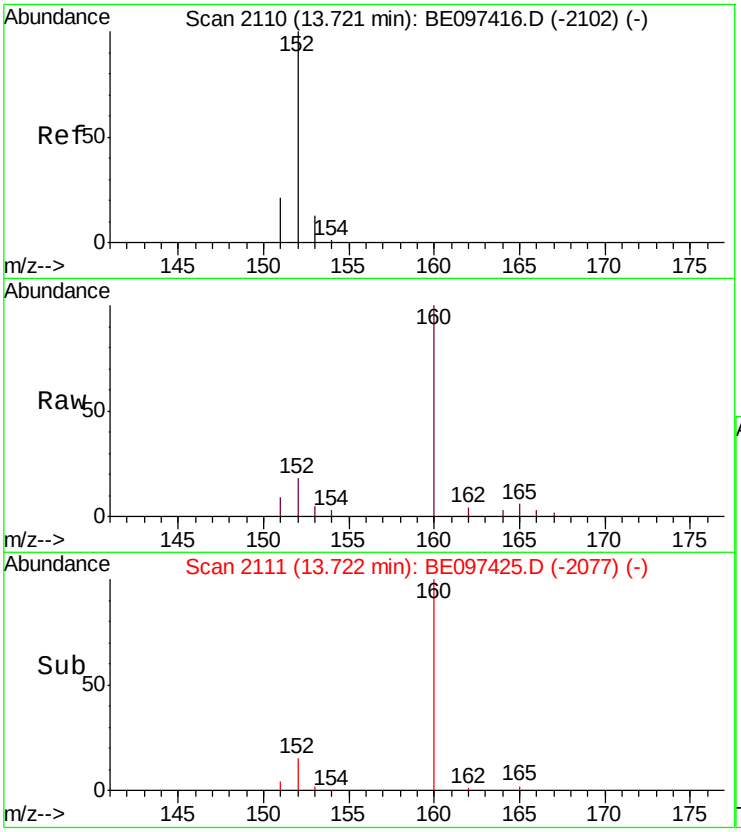


#5
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 11.79 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:142 Resp: 1188

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8

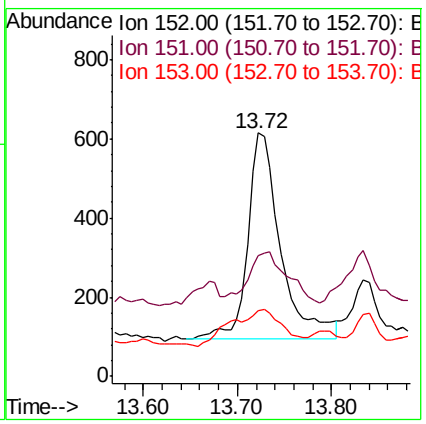




#7
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.72 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:152 Resp: 1259

Ion	Ratio	Lower	Upper
152	100		
151	49.6	17.1	25.7#
153	27.0	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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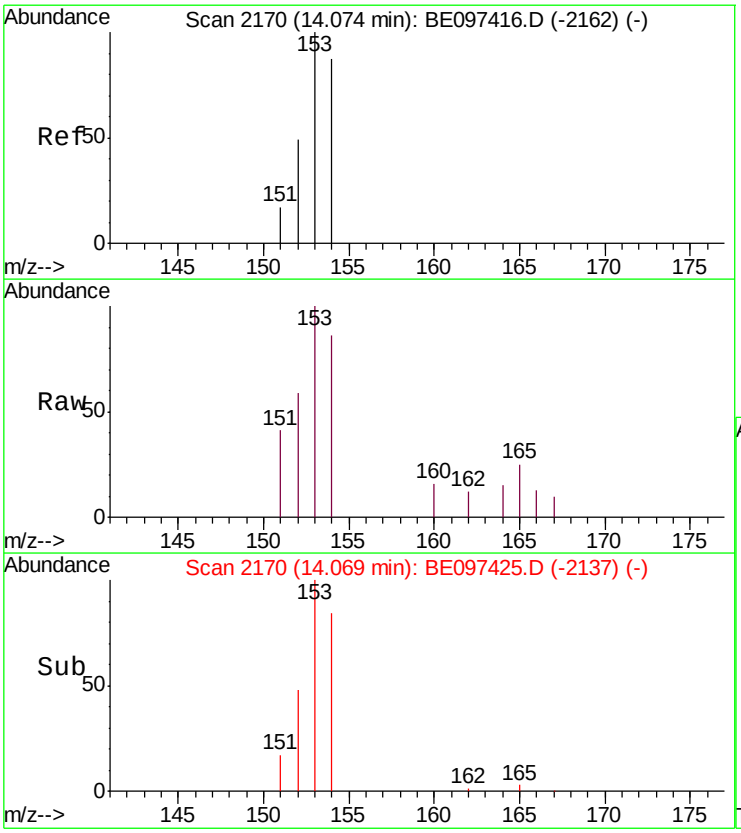
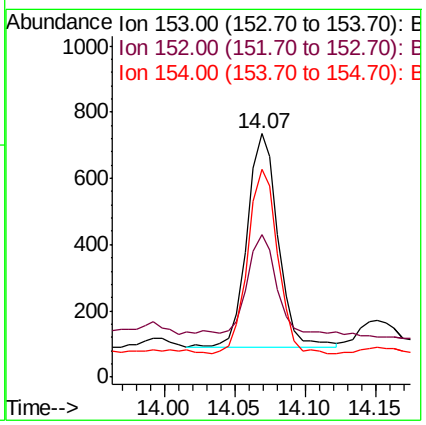
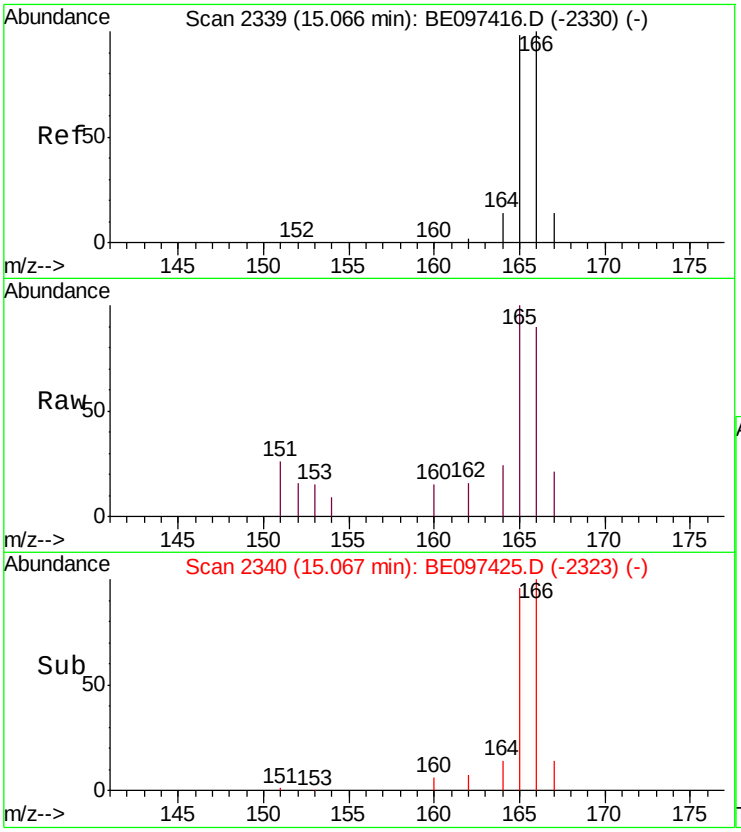


#8
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:153 Resp: 1005

Ion	Ratio	Lower	Upper
153	100		
152	58.6	36.0	54.0#
154	85.6	72.0	108.0





#9
Fluorene
Concen: 0.089 ng/ul
RT: 15.07 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:166 Resp: 1310

Ion	Ratio	Lower	Upper
166	100		
165	111.5	73.4	110.2#
167	23.5	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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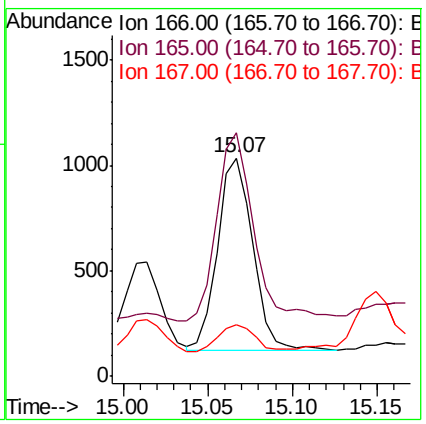
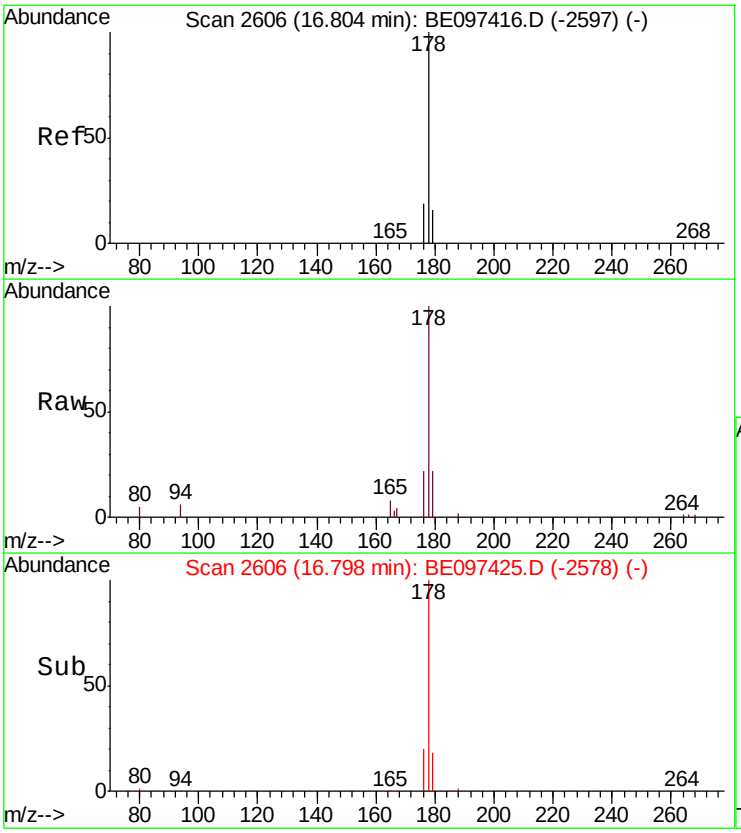
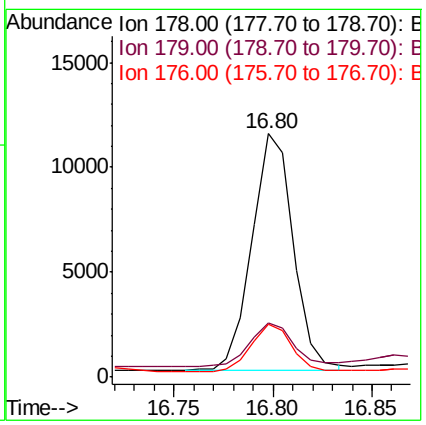


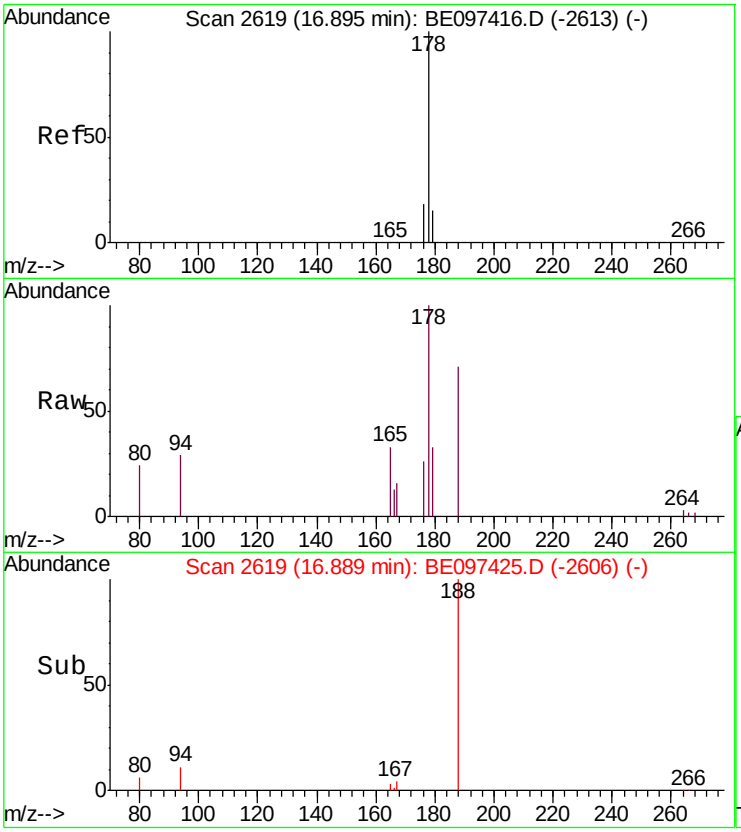


#12
Phenanthrene
Concen: 0.585 ng/ul m
RT: 16.80 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:178 Resp: 16183

Ion	Ratio	Lower	Upper
178	100		
179	22.2	18.4	27.6
176	21.5	13.6	20.4#





#13
Anthracene
Concen: 0.165 ng/ul m
RT: 16.89 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:178 Resp: 3831

Ion	Ratio	Lower	Upper
178	100		
179	32.9	18.1	27.1#
176	26.1	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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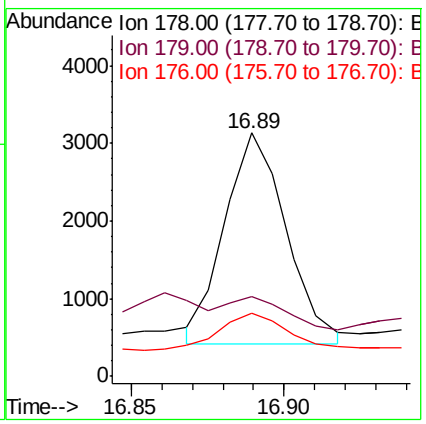
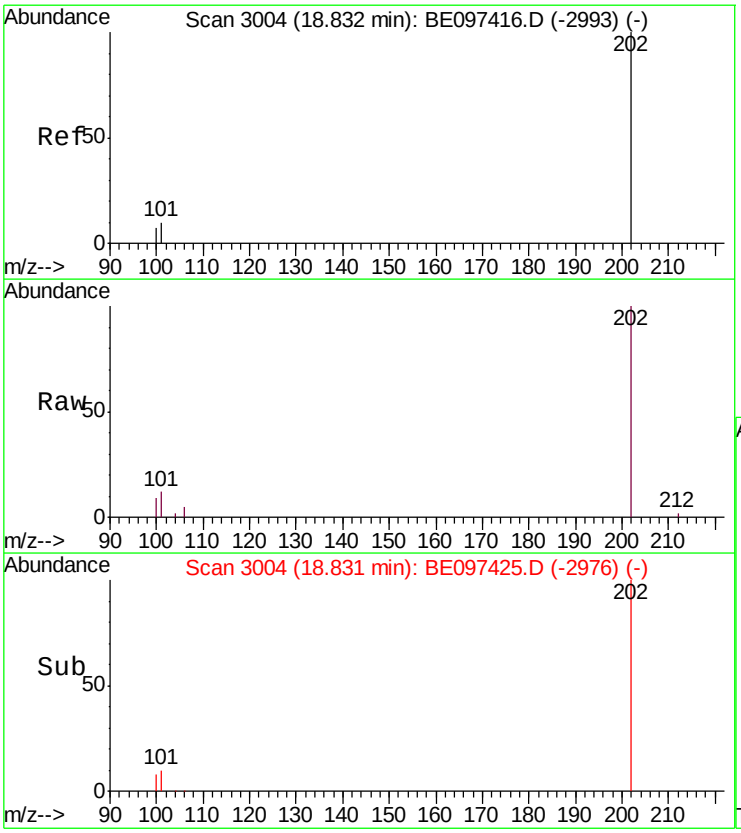
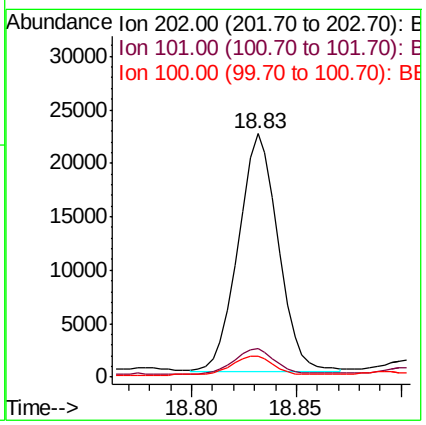


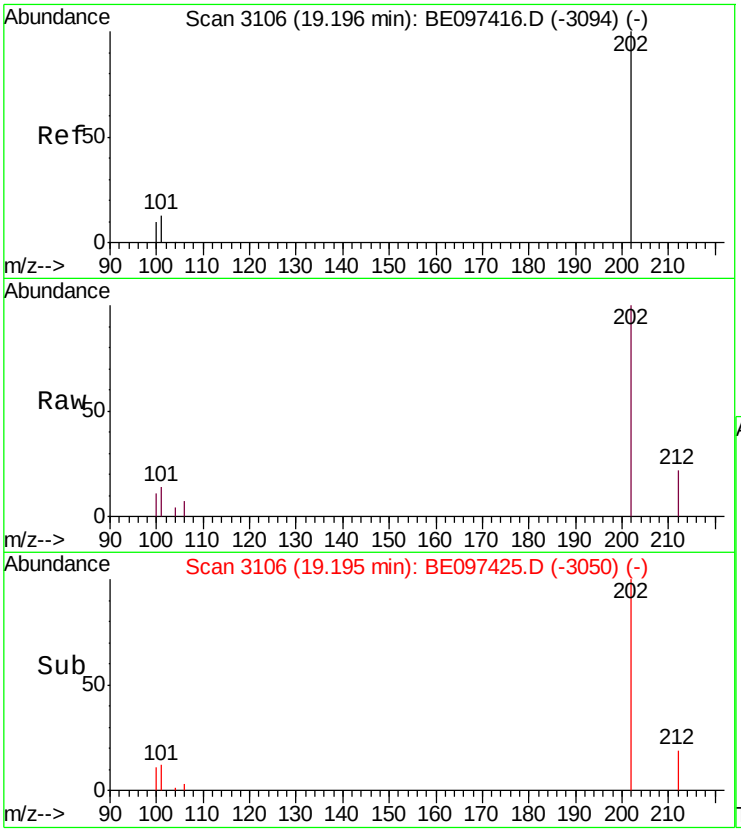


#15
Fluoranthene
Concen: 0.834 ng/ul m
RT: 18.83 min Scan# 3004
Delta R.T. -0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:202 Resp: 29639

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	8.8	0.0	39.5





#17
Pyrene
Concen: 1.047 ng/ul m
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:202 Resp: 30590

Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.3	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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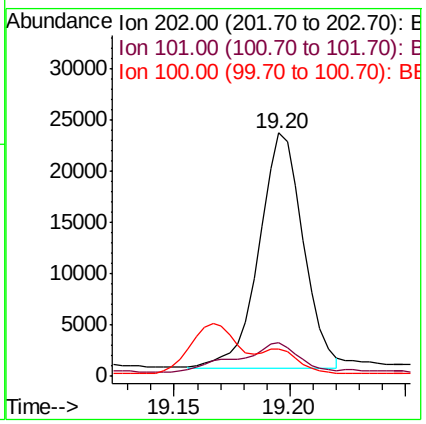
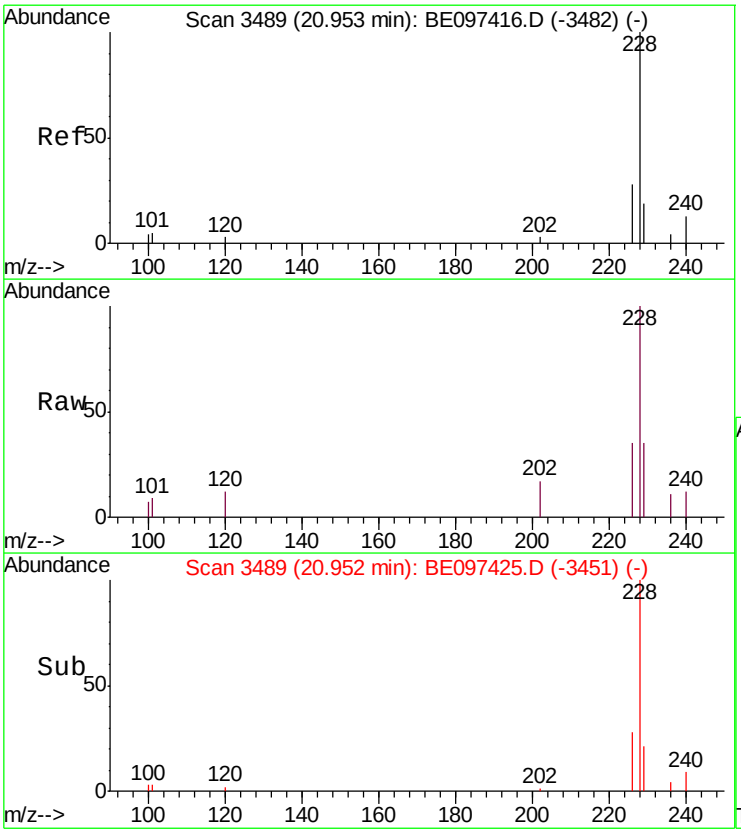
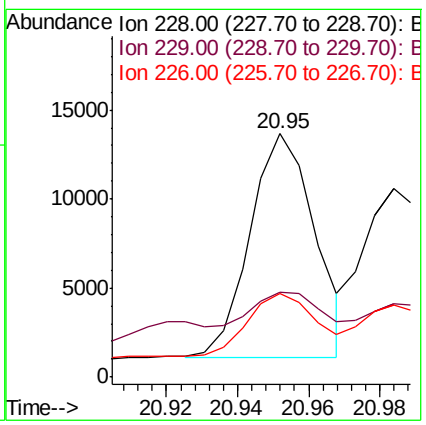


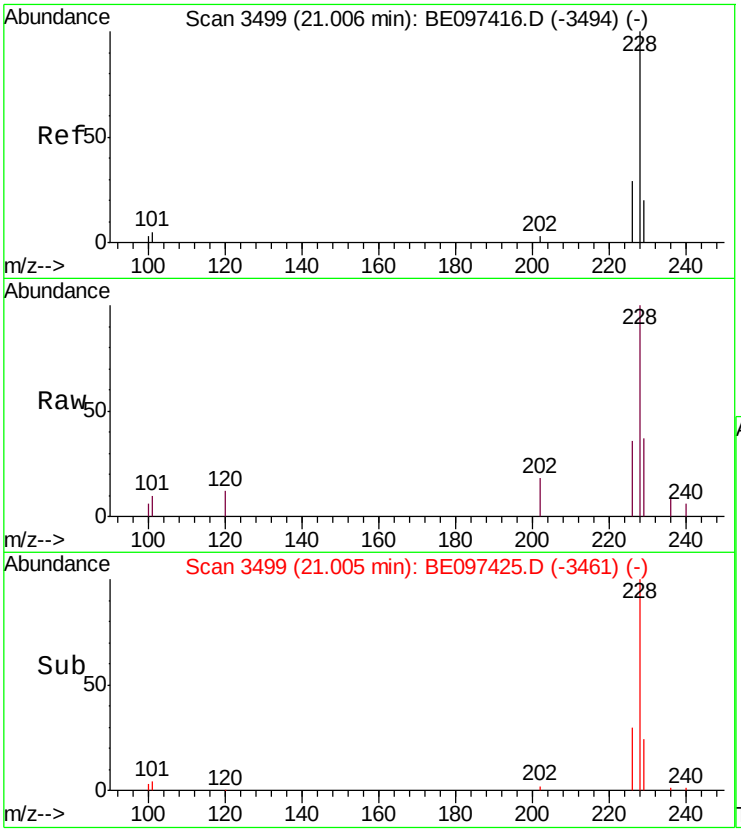


#18
Benzo(a)anthracene
Concen: 0.571 ng/ul m
RT: 20.95 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:228 Resp: 15929

Ion	Ratio	Lower	Upper
228	100		
229	35.1	22.8	34.2#
226	34.6	17.0	25.6#





#19
Chrysene
Concen: 0.338 ng/ul m
RT: 21.00 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:228 Resp: 10875

Ion	Ratio	Lower	Upper
228	100		
226	35.9	23.4	35.0#
229	37.0	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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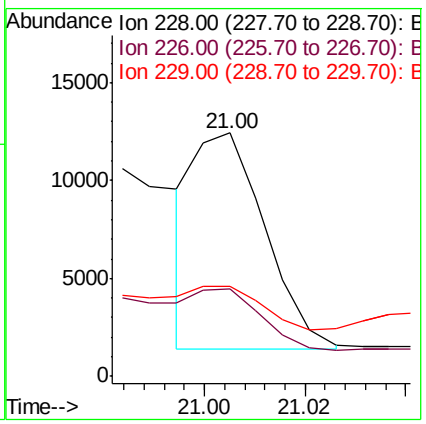
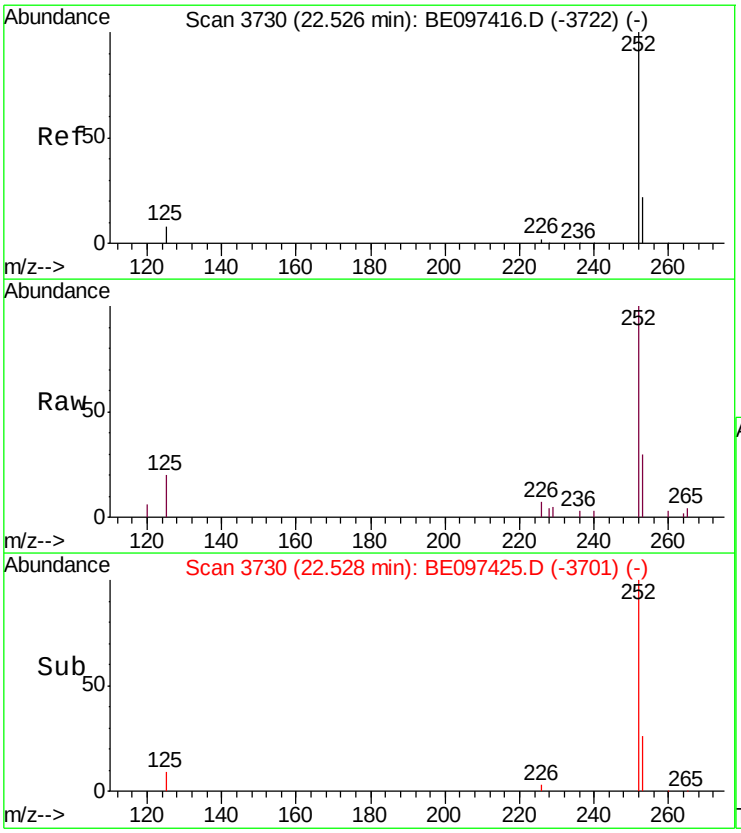
9/11/2018 2:42:37 PM

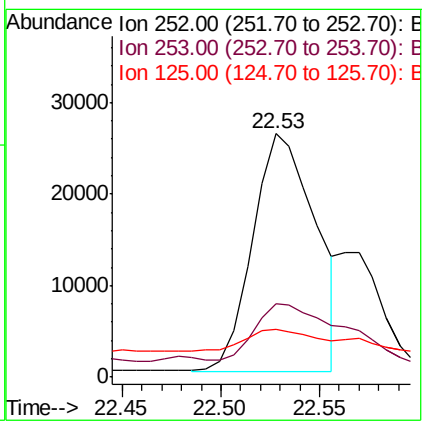


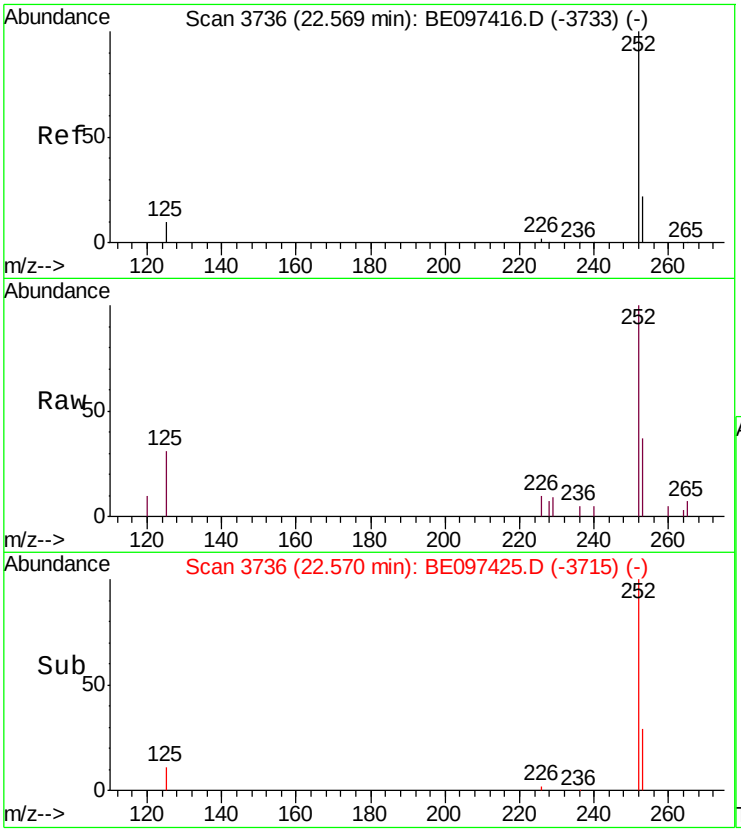


#21
Benzo(b)fluoranthene
Concen: 2.020 ng/ul m
RT: 22.53 min Scan# 3730
Delta R.T. 0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:252 Resp: 57879

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	64.2
125	19.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.608 ng/ul m
RT: 22.57 min Scan# 3736
Delta R.T. 0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:252 Resp: 19422

Ion	Ratio	Lower	Upper
252	100		
253	37.1	24.5	36.7#
125	31.1	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
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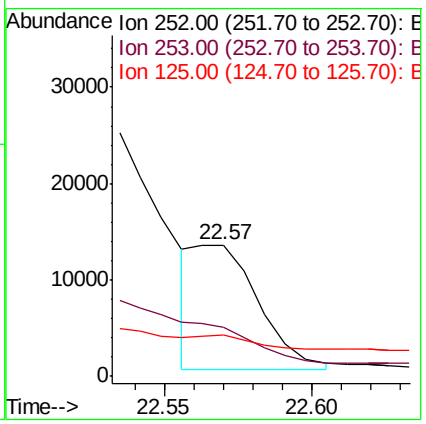
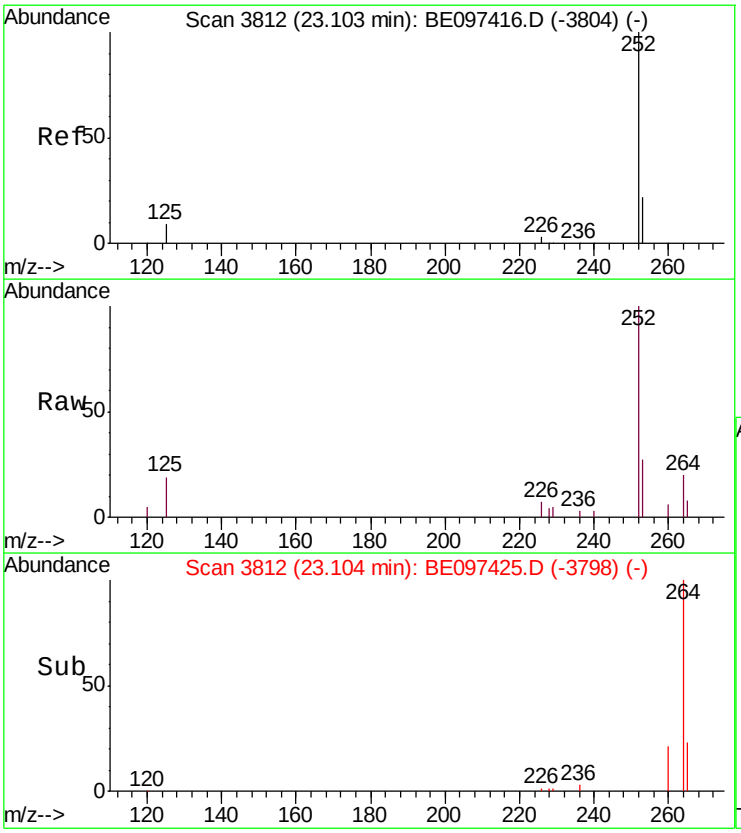
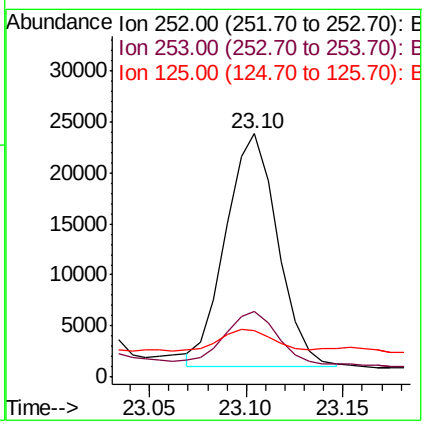


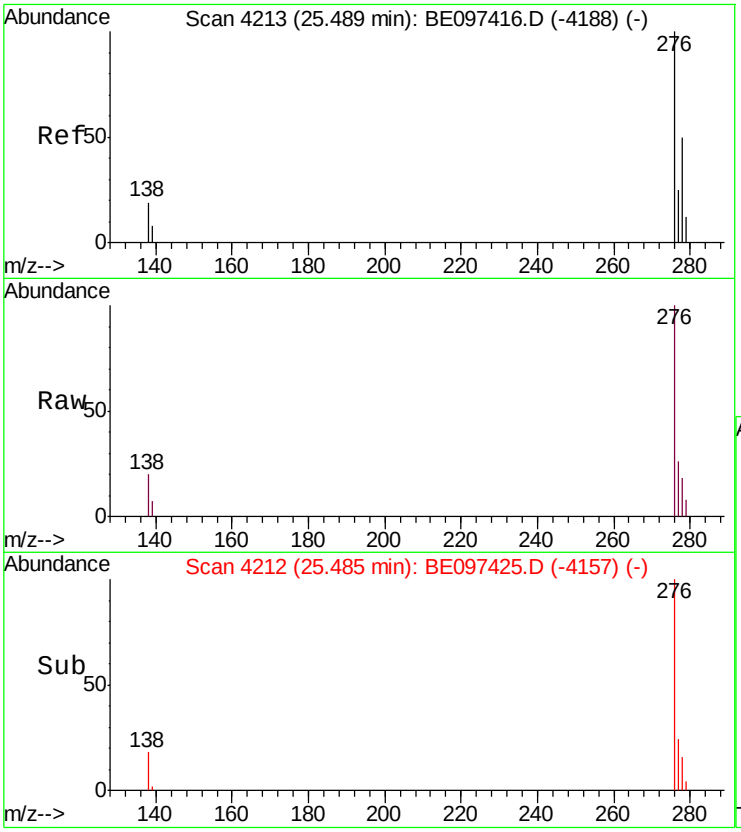


#23
Benzo(a)pyrene
Concen: 1.616 ng/ul m
RT: 23.10 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:252 Resp: 42836

Ion	Ratio	Lower	Upper
252	100		
253	26.8	28.5	42.7#
125	19.3	18.1	27.1





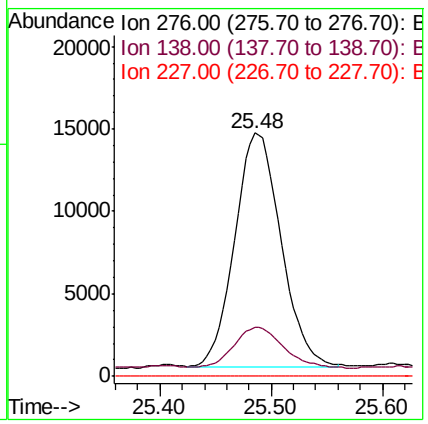
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.203 ng/ul m
RT: 25.48 min Scan# 4212
Delta R.T. -0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

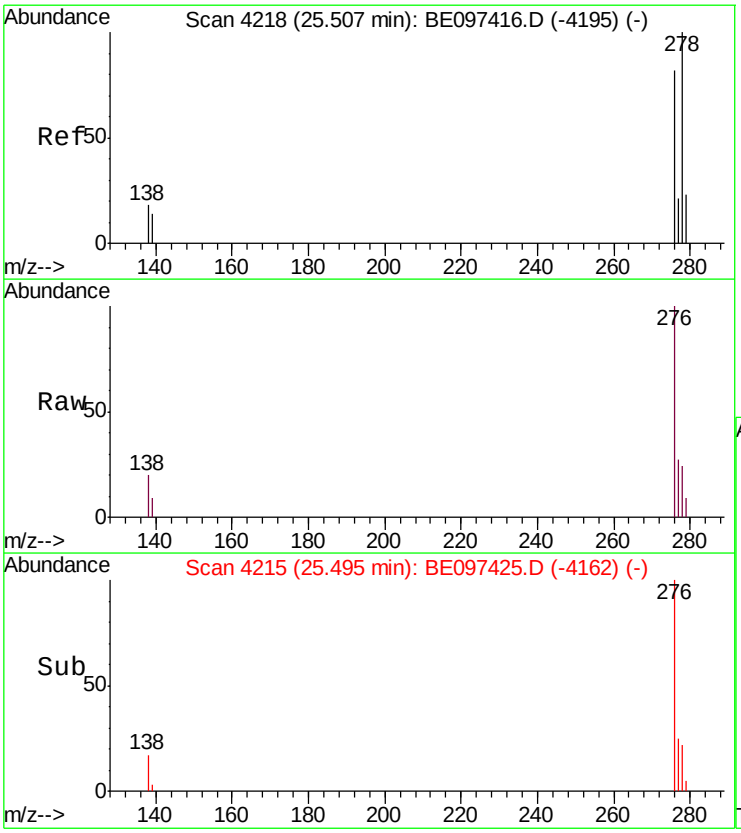
Tgt Ion:276 Resp: 41333

Ion	Ratio	Lower	Upper
276	100		
138	2.0	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
Sohil
9/11/2018 2:42:37 PM

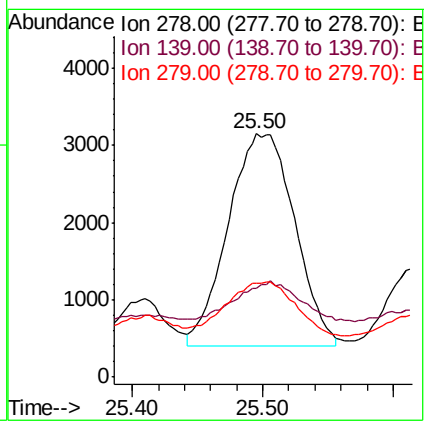


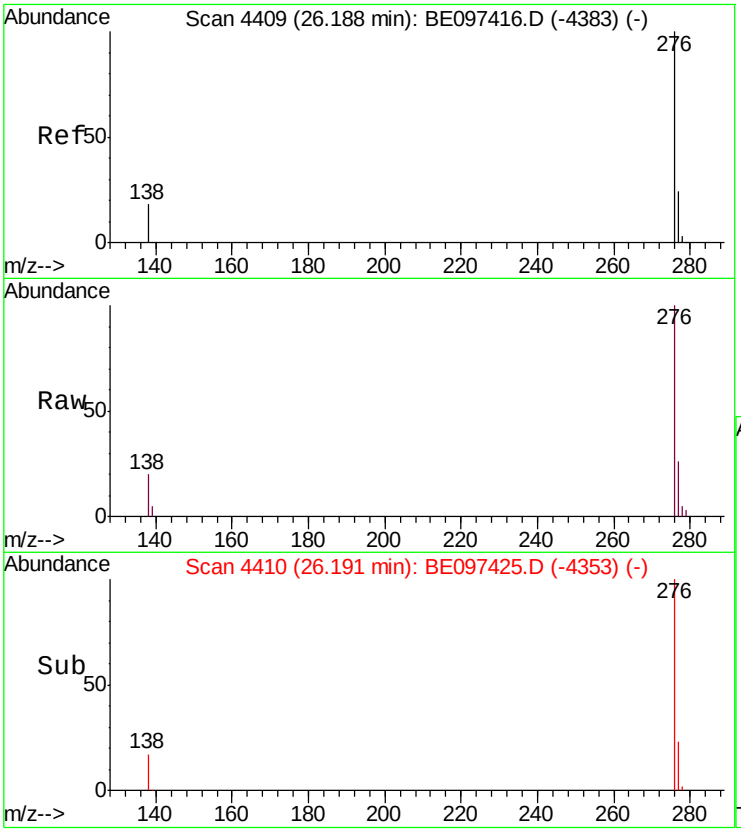


#25
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul m
RT: 25.50 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:278 Resp: 9724

Ion	Ratio	Lower	Upper
278	100		
139	36.4	17.4	26.0#
279	38.8	25.9	38.9

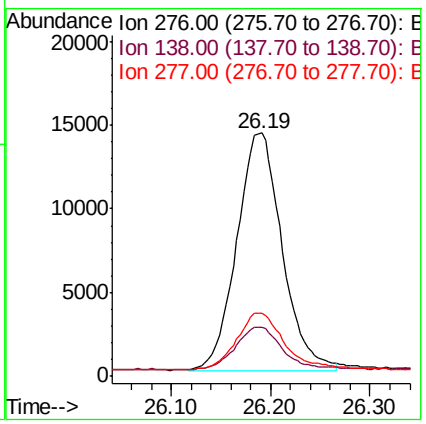




#26
Benzo(g,h,i)perylene
Concen: 1.532 ng/ul m
RT: 26.19 min Scan# 4410
Delta R.T. 0.00 min
Lab File: BE097425.D
Acq: 7 Sep 2018 15:10

Tgt Ion:276 Resp: 44868

Ion	Ratio	Lower	Upper
276	100		
138	20.4	21.8	32.8#
277	25.7	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3YY1

Manual Integrations APPROVED
Sohil
9/11/2018 2:42:37 PM