Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097482.D
Acq On : 13 Sep 2018 10:28
Operator : SJ/JU
Sample : J4792-01DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3YY2DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:09 PM

Quant Time: Sep 13 11:42:02 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 : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1115	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6319	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3918	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9468	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10726	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11283	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	407	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1158	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	3691	0.240	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1219	0.125	ng/ul	97
7) Acenaphthylene	13.73	152	1884	0.132	ng/ul	97
8) Acenaphthene	14.07	153	1236	0.101	ng/ul	96
9) Fluorene	15.07	166	3059	0.218	ng/ul	96
12) Phenanthrene	16.80	178	24864	1.020	ng/ul#	89
13) Anthracene	16.89	178	6004	0.293	ng/ul#	93
15) Fluoranthene	18.83	202	23674	0.756	ng/ul	84
17) Pyrene	19.20	202	21642	0.750	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	11172	0.405	ng/ul#	87
19) Chrysene	21.01	228	9591m	0.302	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	12141m	0.402	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	3296m	0.098	ng/ul	
23) Benzo(a)pyrene	23.11	252	8831	0.316	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.51	276	5587	0.154	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.52	278	1528	0.050	ng/ul#	12
26) Benzo(g,h,i)perylene	26.21	276	4643	0.150	ng/ul#	83

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097482.D
Acq On : 13 Sep 2018 10:28
Operator : SJ/JU
Sample : J4792-01DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 13 11:42:02 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 : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
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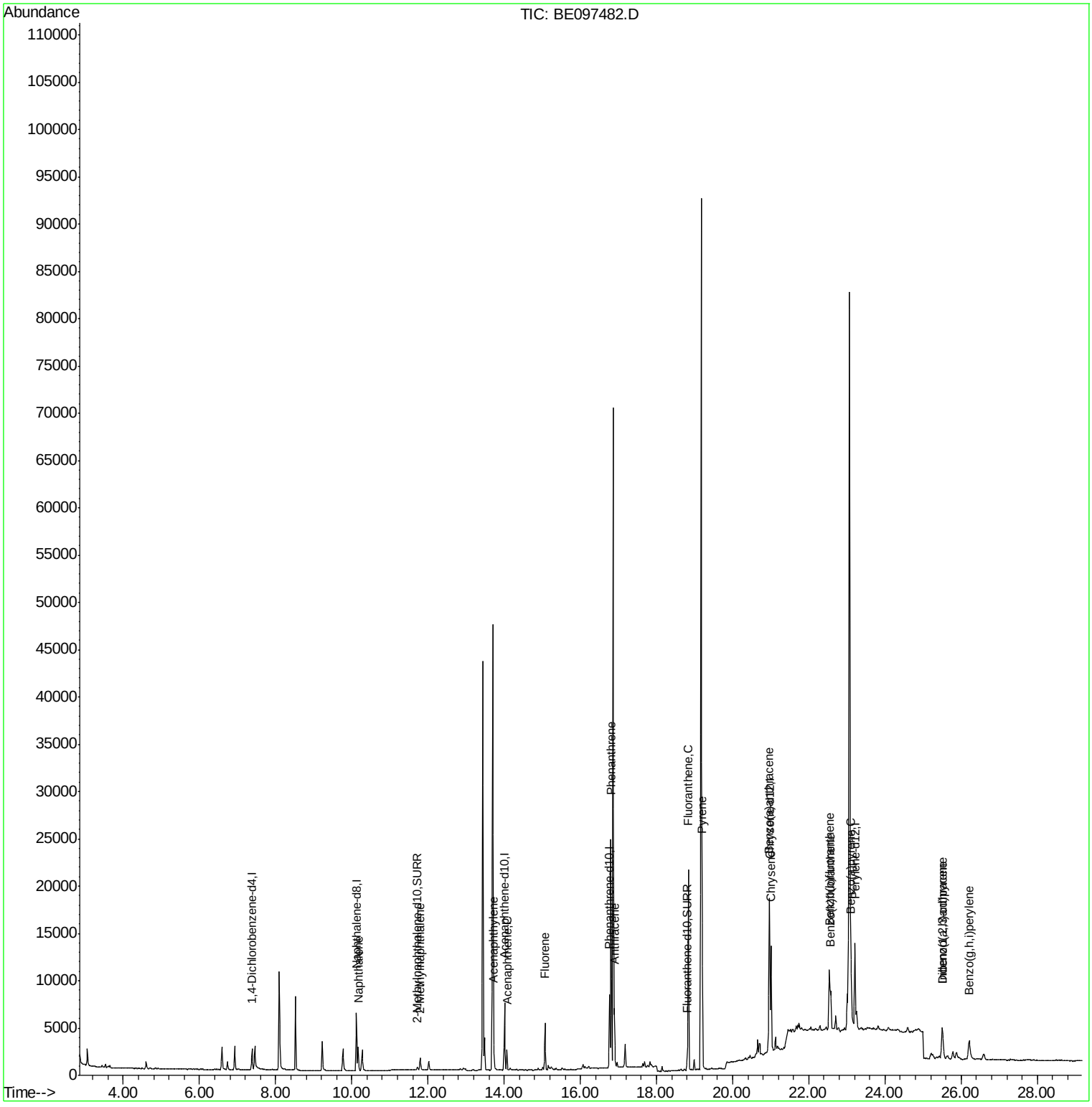

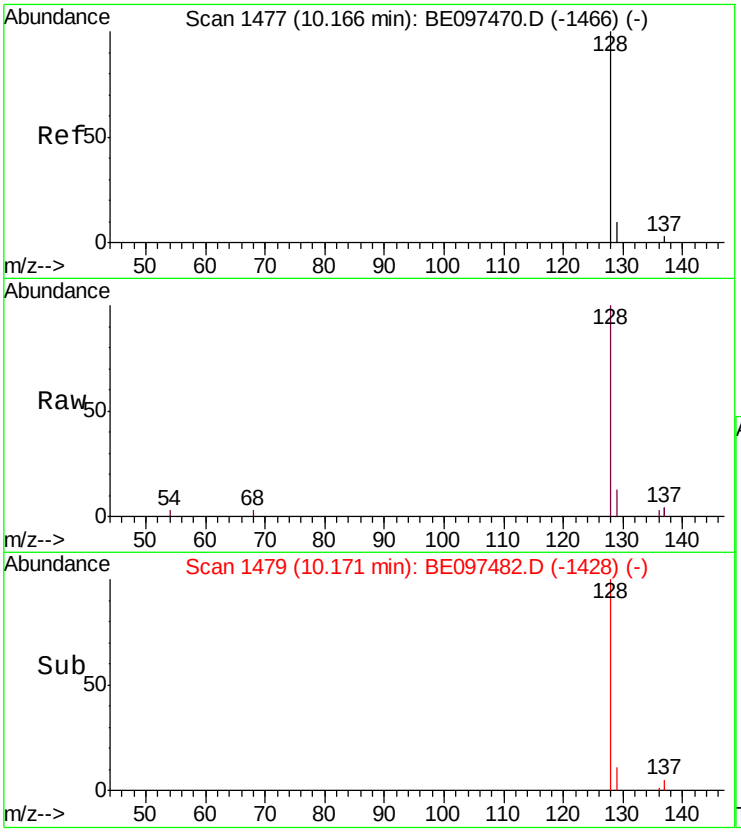

#3
Naphthalene
Concen: 0.240 ng/ul
RT: 10.17 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:128 Resp: 3691

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
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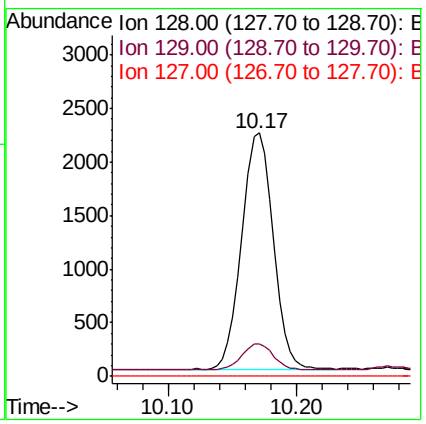
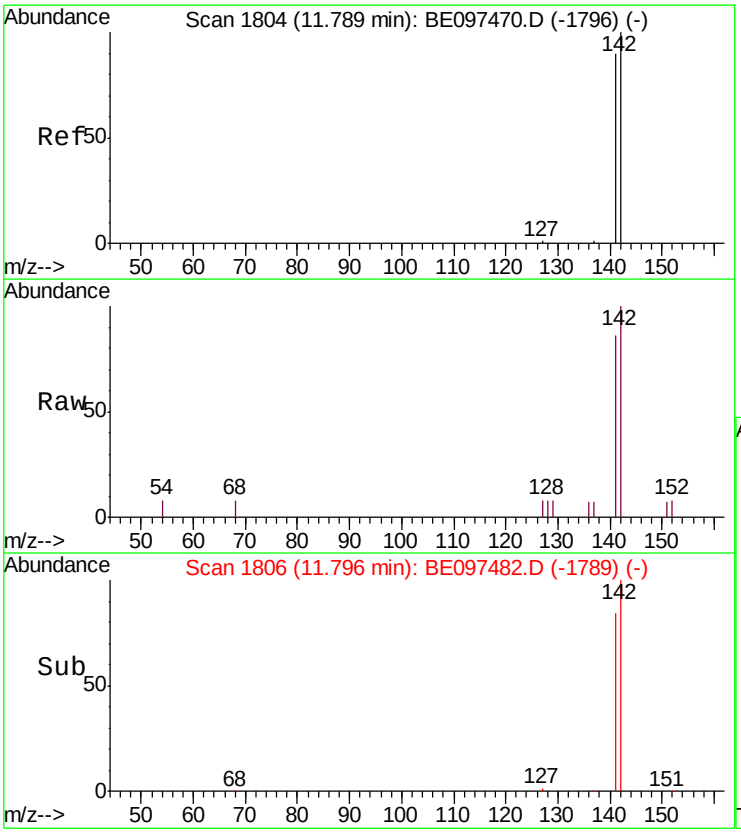
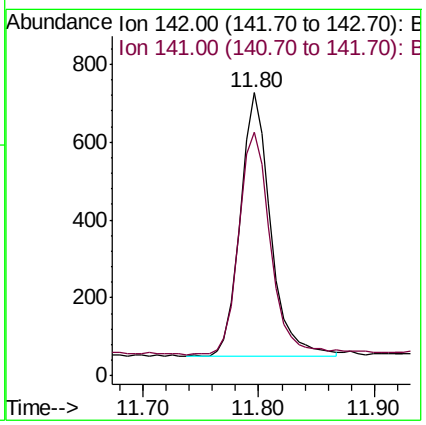


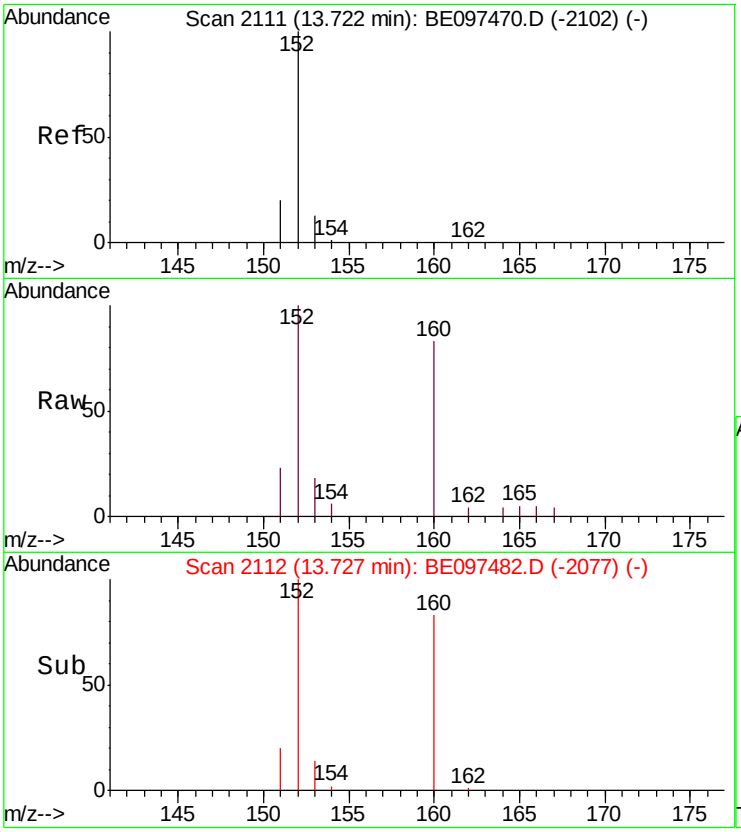


#5
2-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:142 Resp: 1219

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.132 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:152 Resp: 1884

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	17.5	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
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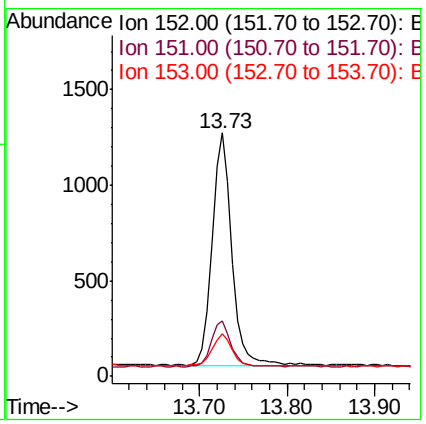
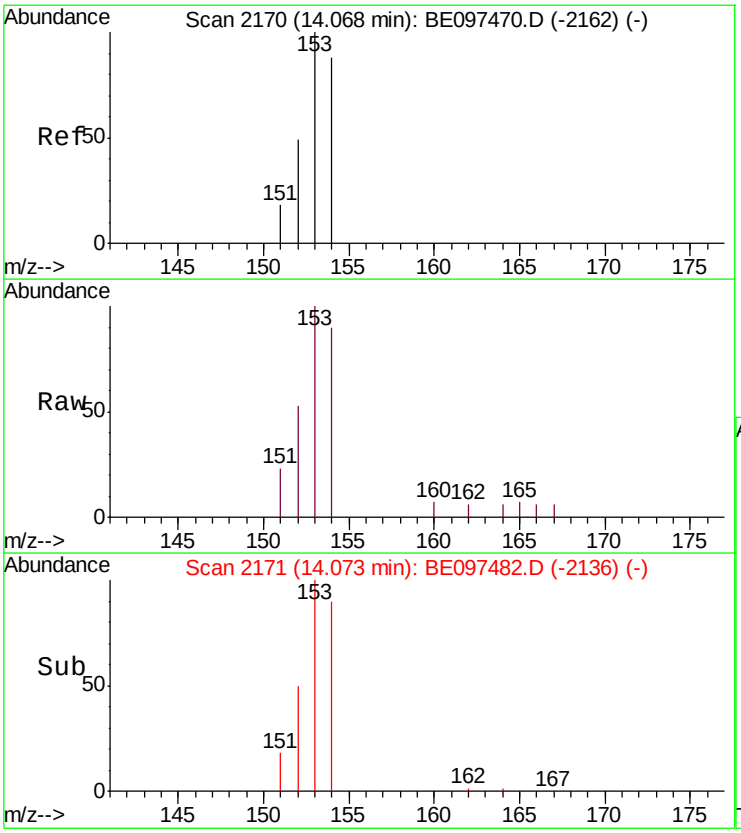
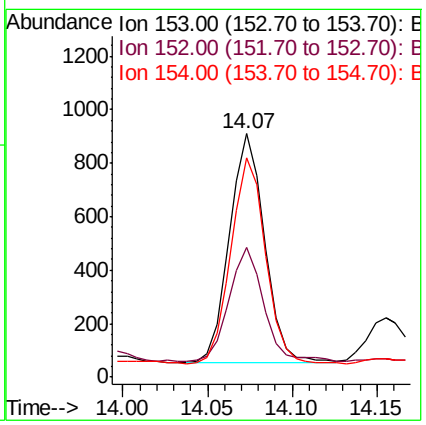


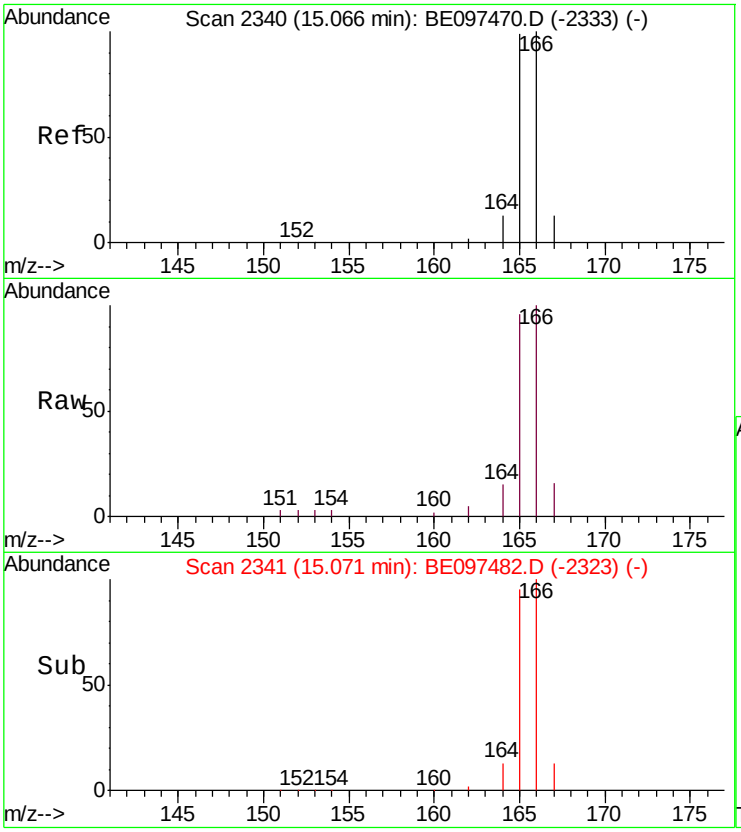


#8
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.07 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:153 Resp: 1236

Ion	Ratio	Lower	Upper
153	100		
152	53.1	36.0	54.0
154	90.0	72.0	108.0

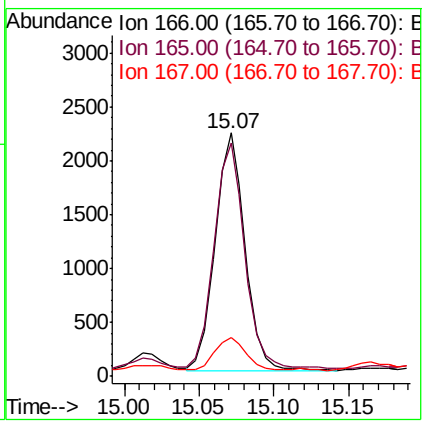




#9
Fluorene
Concen: 0.218 ng/ul
RT: 15.07 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:166 Resp: 3059

Ion	Ratio	Lower	Upper
166	100		
165	95.8	73.4	110.2
167	16.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
A3YY2DL

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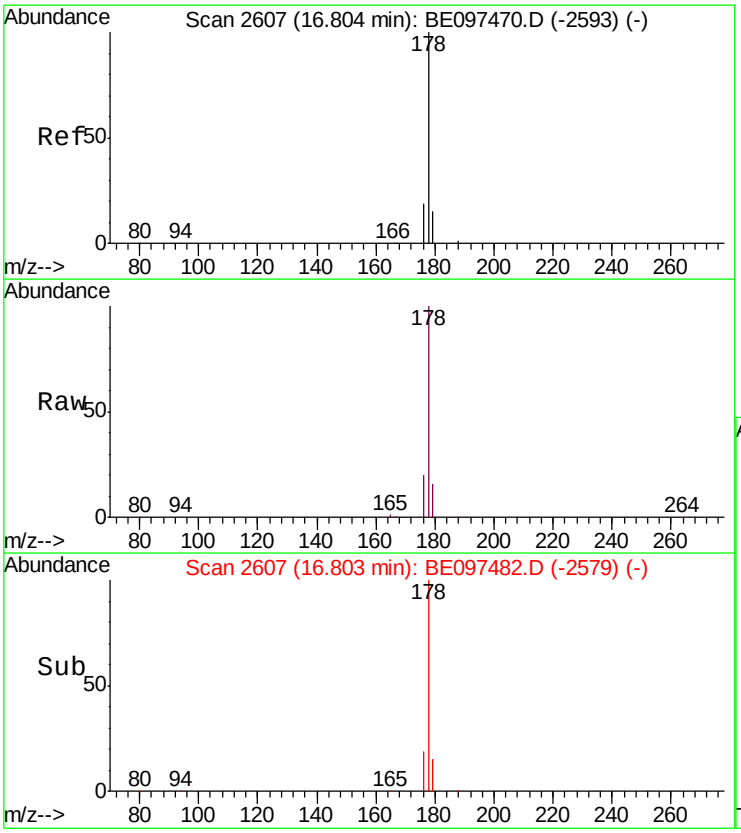
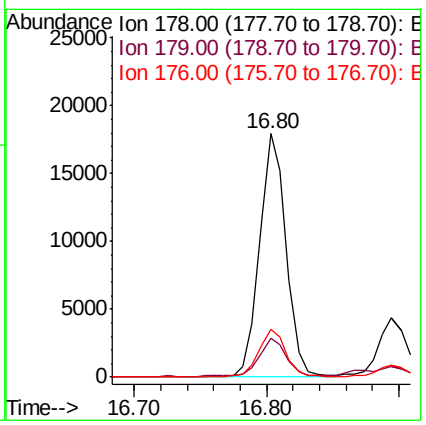
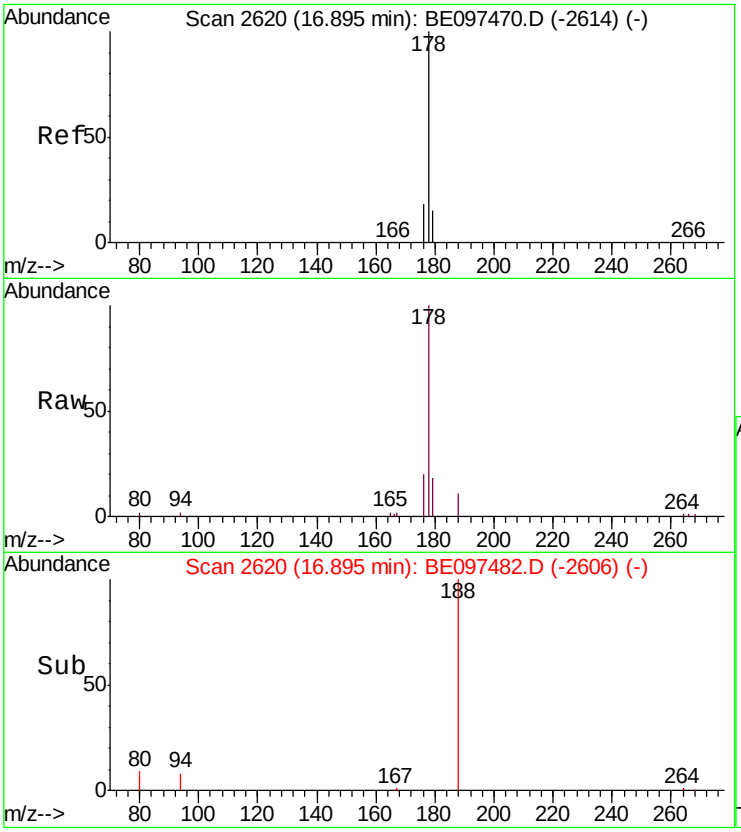


#12
Phenanthrene
Concen: 1.020 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:178 Resp: 24864

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	19.7	13.6	20.4

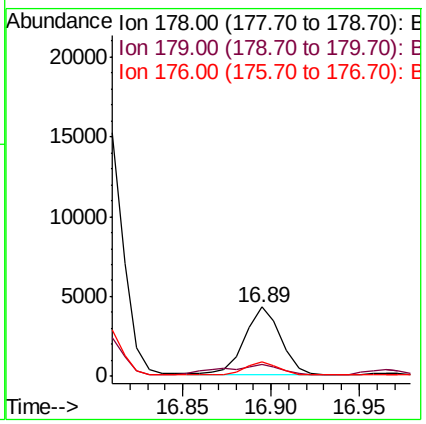




#13
Anthracene
Concen: 0.293 ng/ul
RT: 16.89 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:178 Resp: 6004

Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	20.3	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
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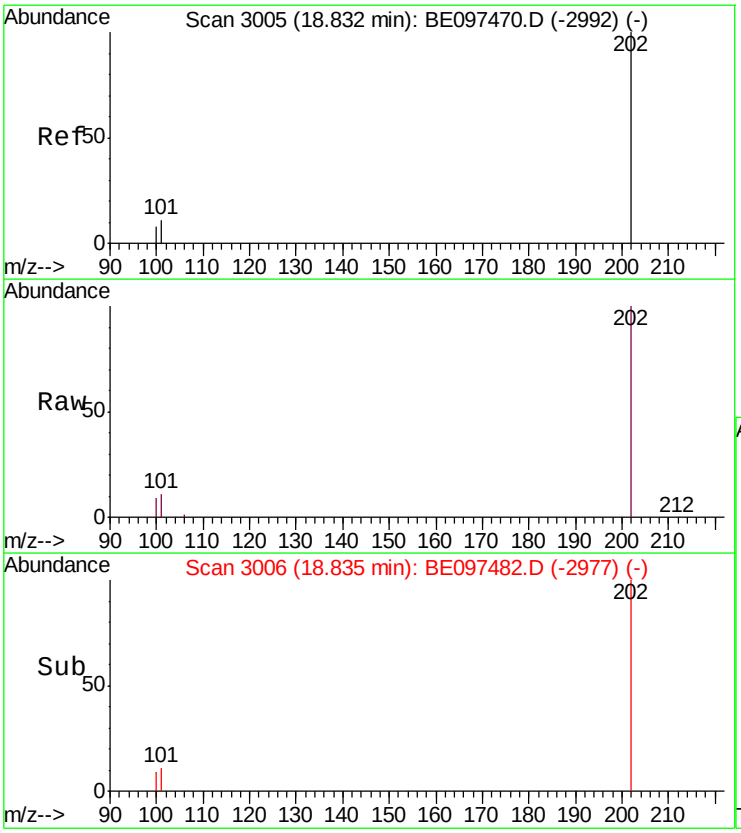
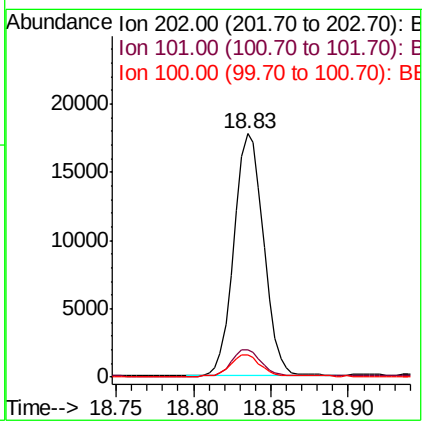
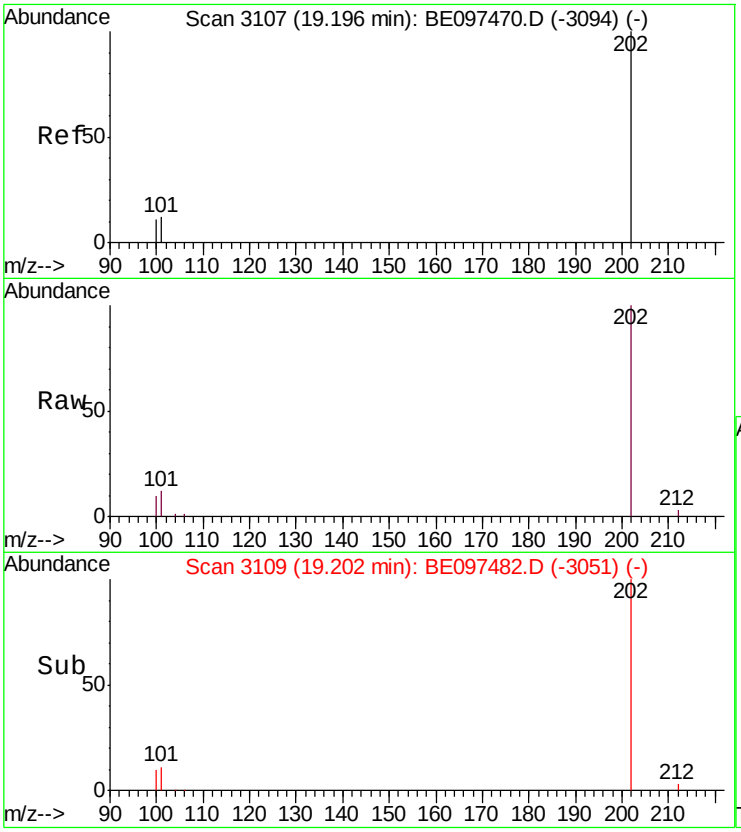


#15
Fluoranthene
Concen: 0.756 ng/ul
RT: 18.83 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:202 Resp: 23674

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	9.1	0.0	39.5





#17
Pyrene
Concen: 0.750 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:202 Resp: 21642

Ion	Ratio	Lower	Upper
202	100		
101	12.2	18.2	27.4#
100	10.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
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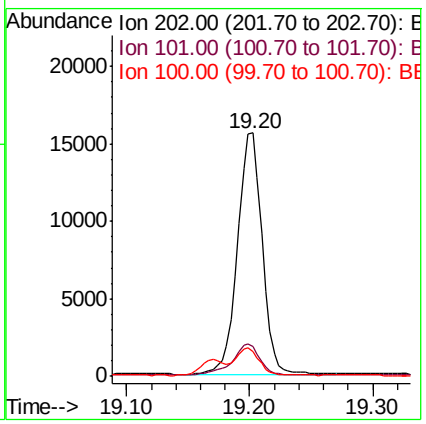
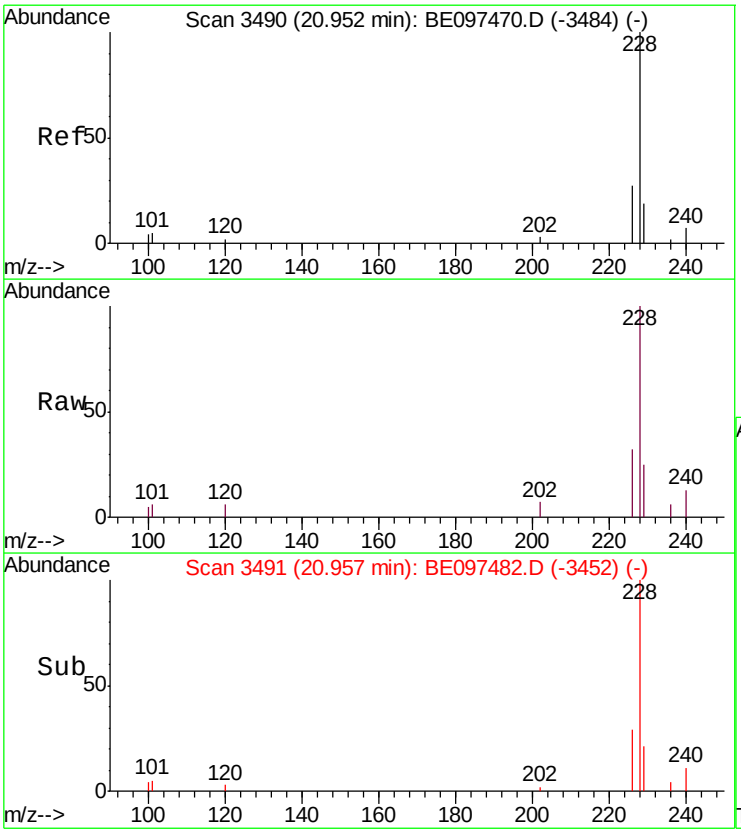
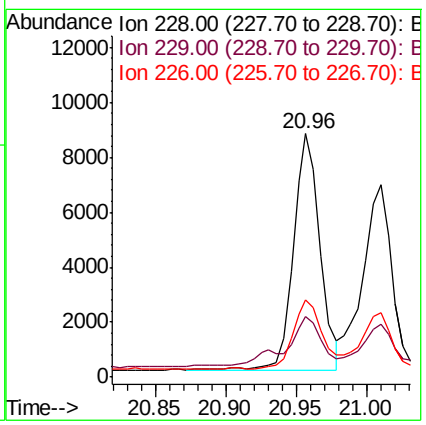


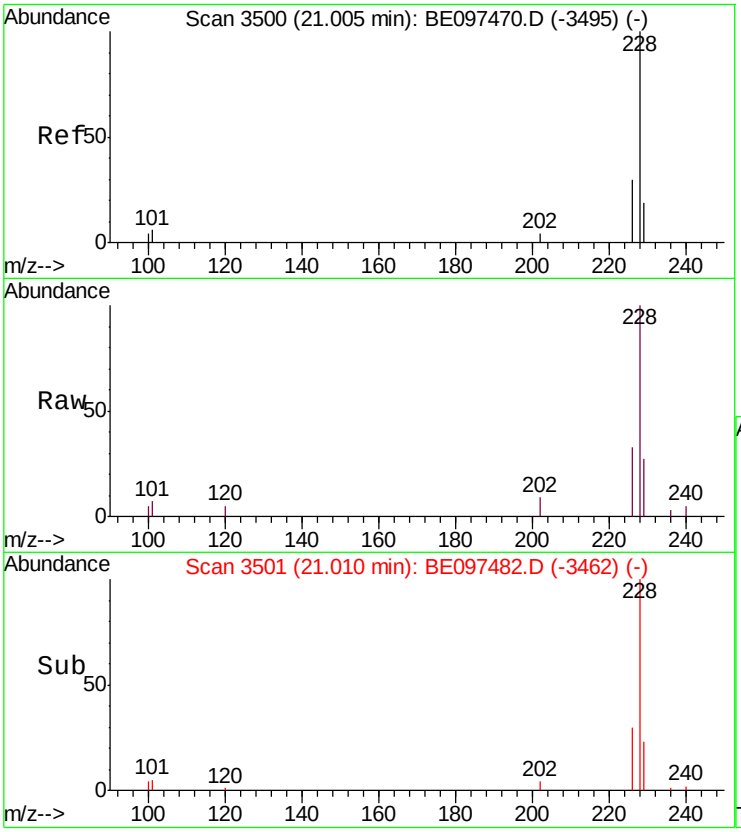


#18
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:228 Resp: 11172

Ion	Ratio	Lower	Upper
228	100		
229	24.8	22.8	34.2
226	31.6	17.0	25.6#

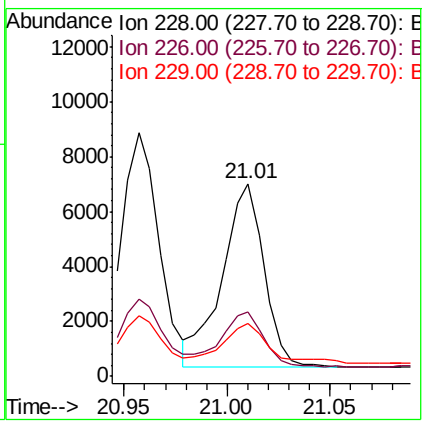




#19
Chrysene
Concen: 0.302 ng/ul m
RT: 21.01 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:228 Resp: 9591

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.4	35.0
229	27.4	17.7	26.5#



Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
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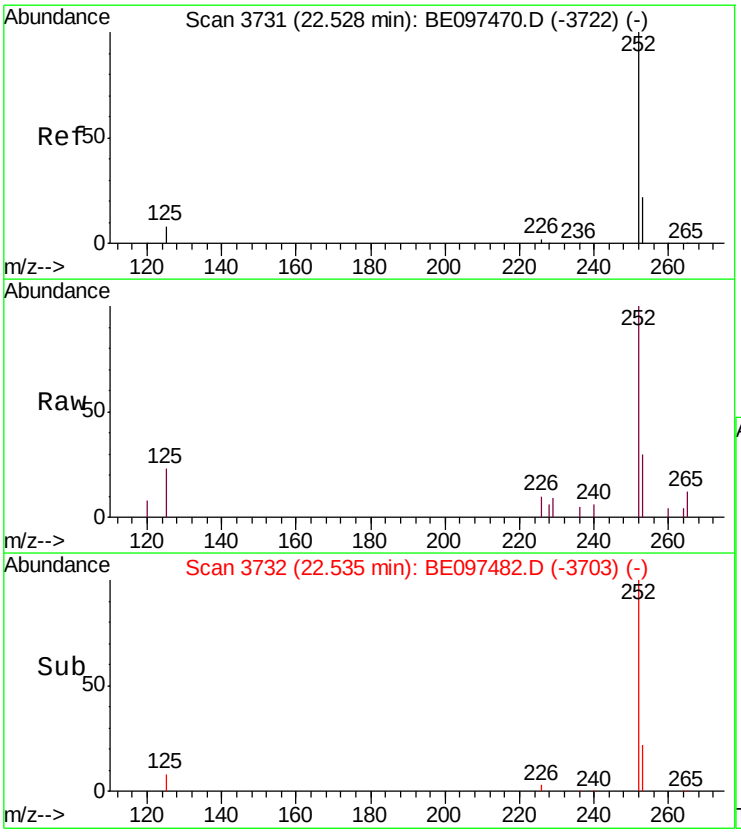
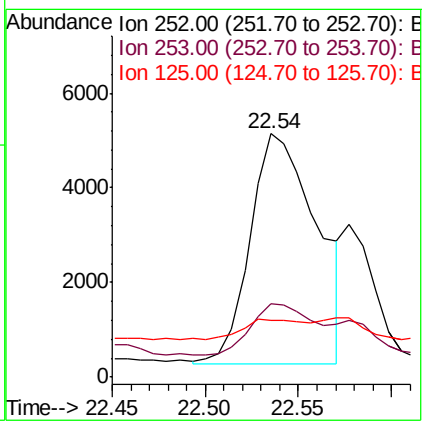
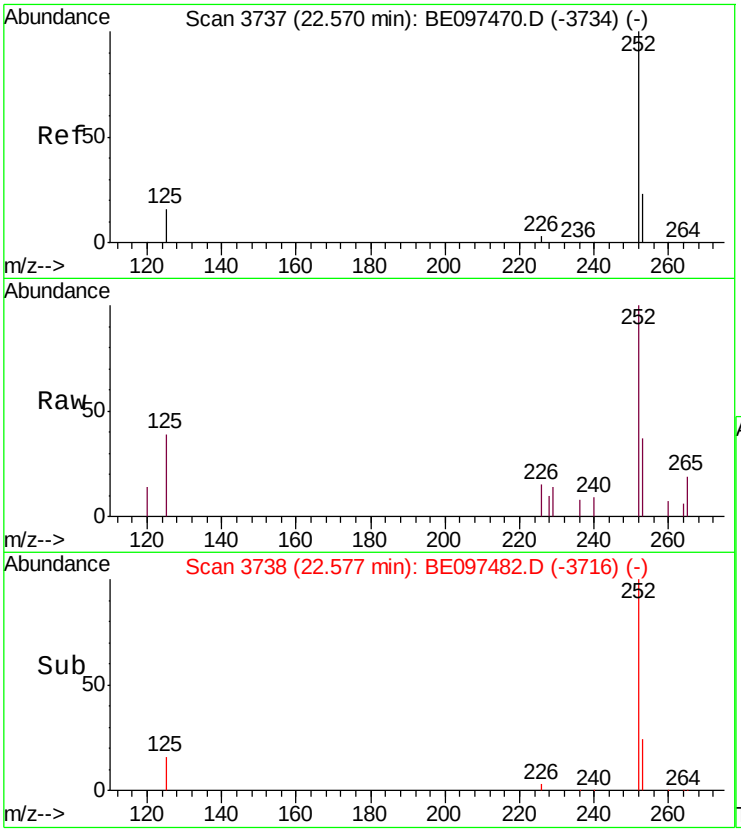


#21
Benzo(b)fluoranthene
Concen: 0.402 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:252 Resp: 12141

Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	64.2
125	23.1	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:252 Resp: 3296

Ion	Ratio	Lower	Upper
252	100		
253	37.0	24.5	36.7#
125	38.6	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
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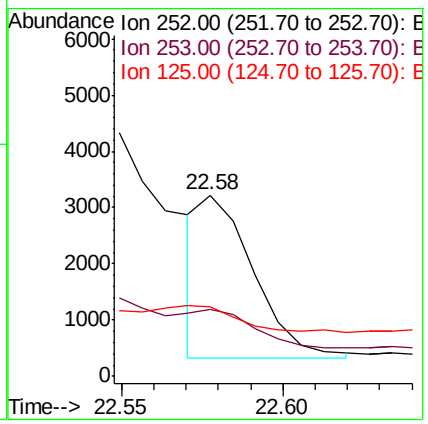
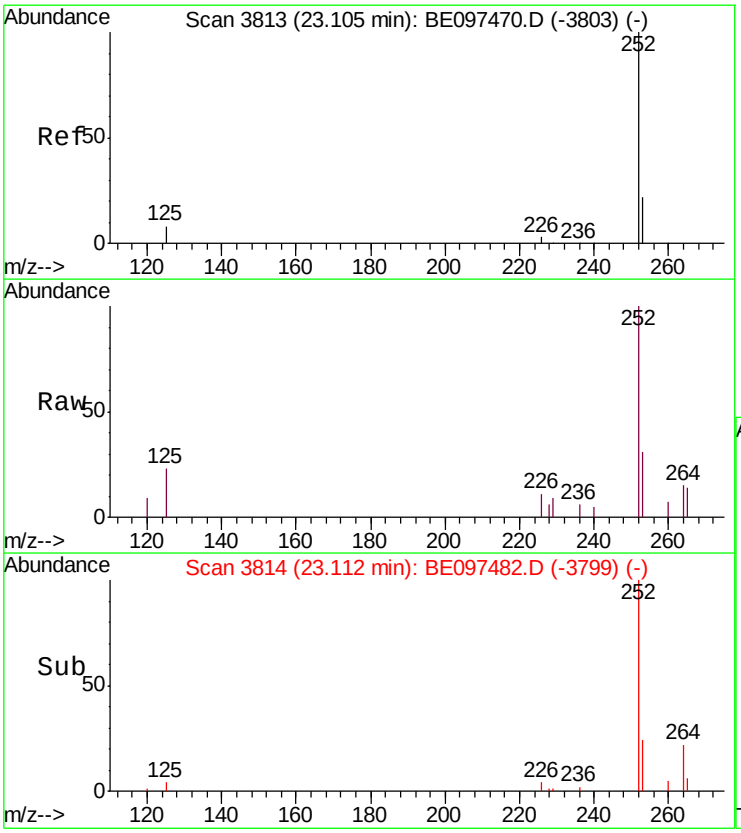
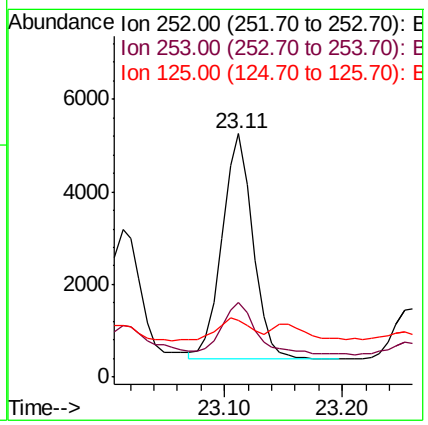


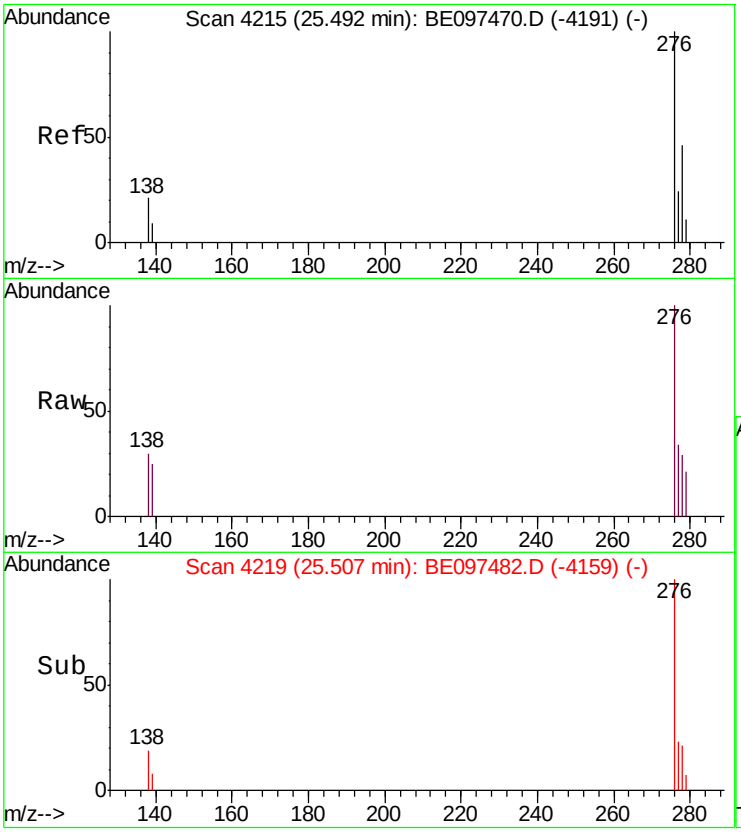


#23
Benzo(a)pyrene
Concen: 0.316 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:252 Resp: 8831

Ion	Ratio	Lower	Upper
252	100		
253	30.9	28.5	42.7
125	23.3	18.1	27.1





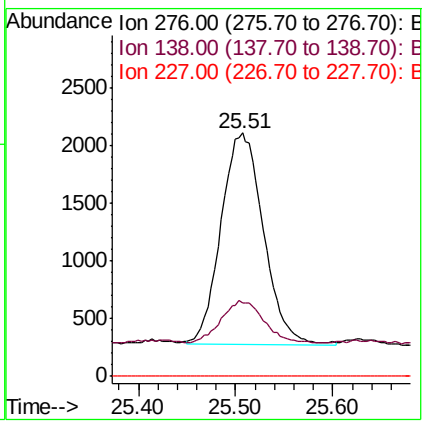
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. 0.02 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

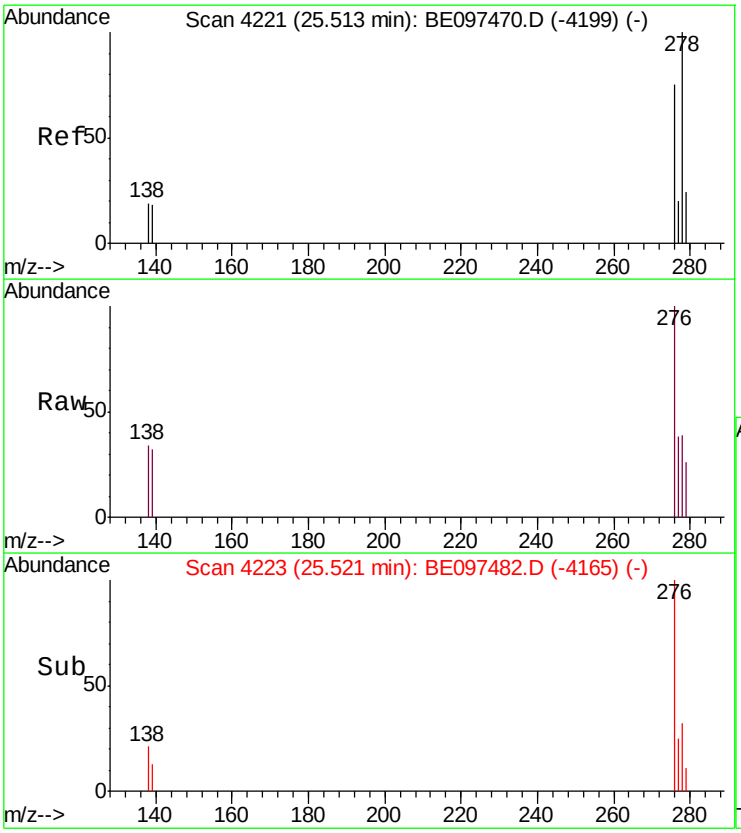
Tgt Ion:276 Resp: 5587

Ion	Ratio	Lower	Upper
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:09 PM

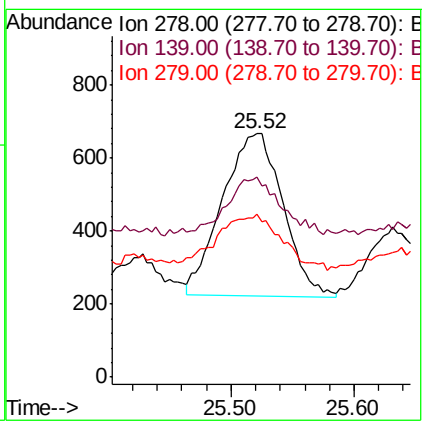


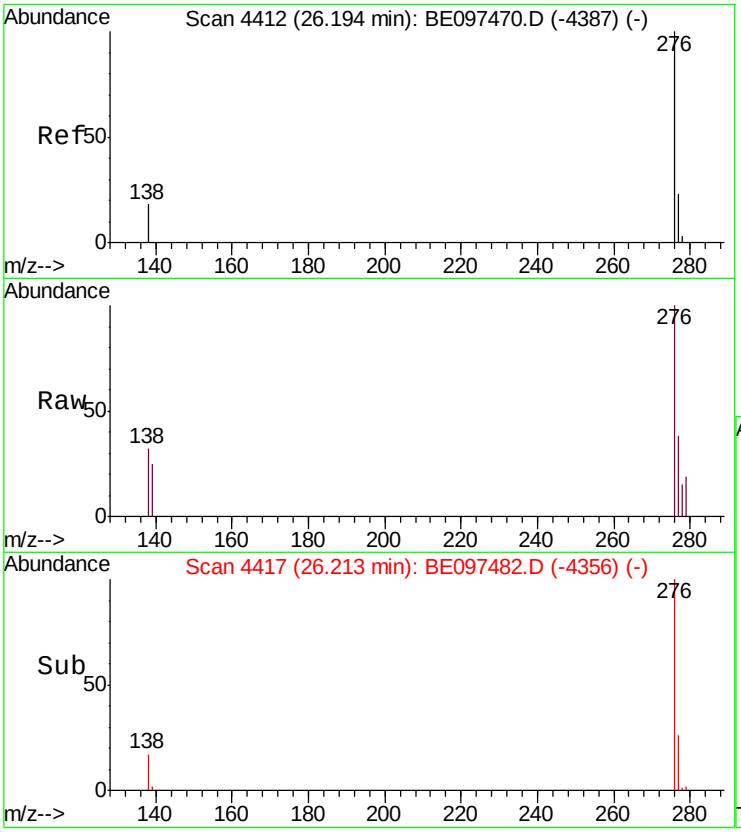


#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. 0.01 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:278 Resp: 1528

Ion	Ratio	Lower	Upper
278	100		
139	82.3	17.4	26.0#
279	67.0	25.9	38.9#

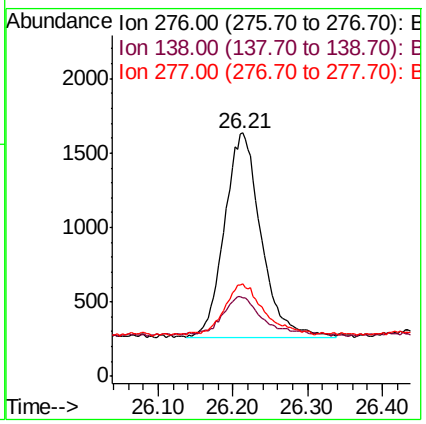




#26
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 26.21 min Scan# 4417
Delta R.T. 0.02 min
Lab File: BE097482.D
Acq: 13 Sep 2018 10:28

Tgt Ion:276 Resp: 4643

Ion	Ratio	Lower	Upper
276	100		
138	32.0	21.8	32.8
277	38.0	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
A3YY2DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:09 PM