Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097478.D
Acq On : 13 Sep 2018 7:59
Operator : SJ/JU
Sample : J4792-17DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3YZ1DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:04 PM

Quant Time: Sep 13 10:33:32 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	1332	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	7379	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4871	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	12274	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	13252	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	13936	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	607	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1954	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	5825	0.324	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	2268	0.199	ng/ul	98
7) Acenaphthylene	13.73	152	1780	0.100	ng/ul#	89
8) Acenaphthene	14.07	153	10178	0.667	ng/ul	98
9) Fluorene	15.07	166	11661	0.667	ng/ul	92
12) Phenanthrene	16.80	178	233083	7.377	ng/ul#	88
13) Anthracene	16.89	178	54478	2.051	ng/ul#	92
15) Fluoranthene	18.84	202	400002	9.855	ng/ul	84
17) Pyrene	19.20	202	462874	12.980	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	227463	6.682	ng/ul#	85
19) Chrysene	21.01	228	229806	5.859	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	247557m	6.633	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	91571m	2.200	ng/ul	
23) Benzo(a)pyrene	23.11	252	202964	5.879	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	127564	2.851	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.51	278	35255	0.930	ng/ul	95
26) Benzo(g,h,i)perylene	26.21	276	115991	3.040	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097478.D
Acq On : 13 Sep 2018 7:59
Operator : SJ/JU
Sample : J4792-17DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 13 10:33:32 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 :
A3YZ1DL

Manual Integrations APPROVED
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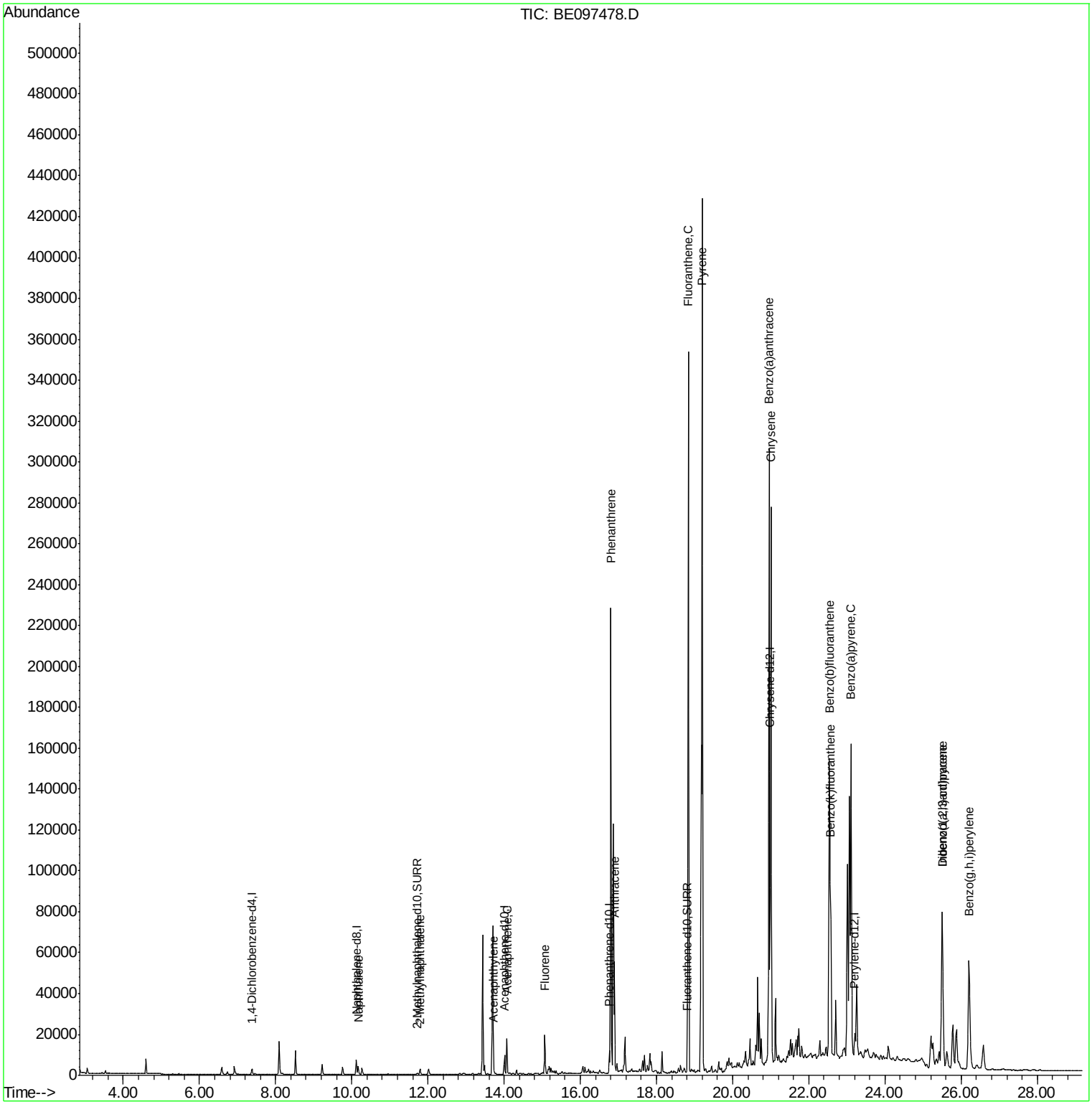

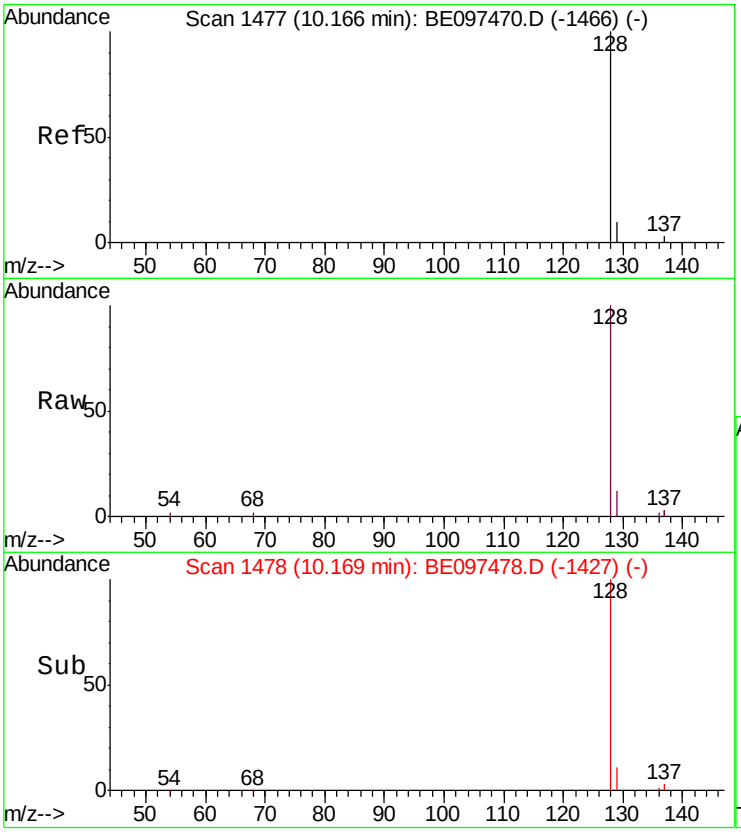

#3
Naphthalene
Concen: 0.324 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:128 Resp: 5825

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

Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
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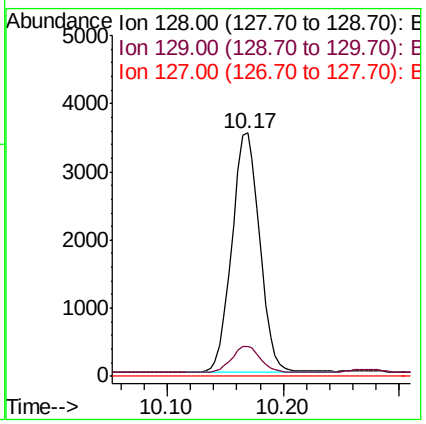
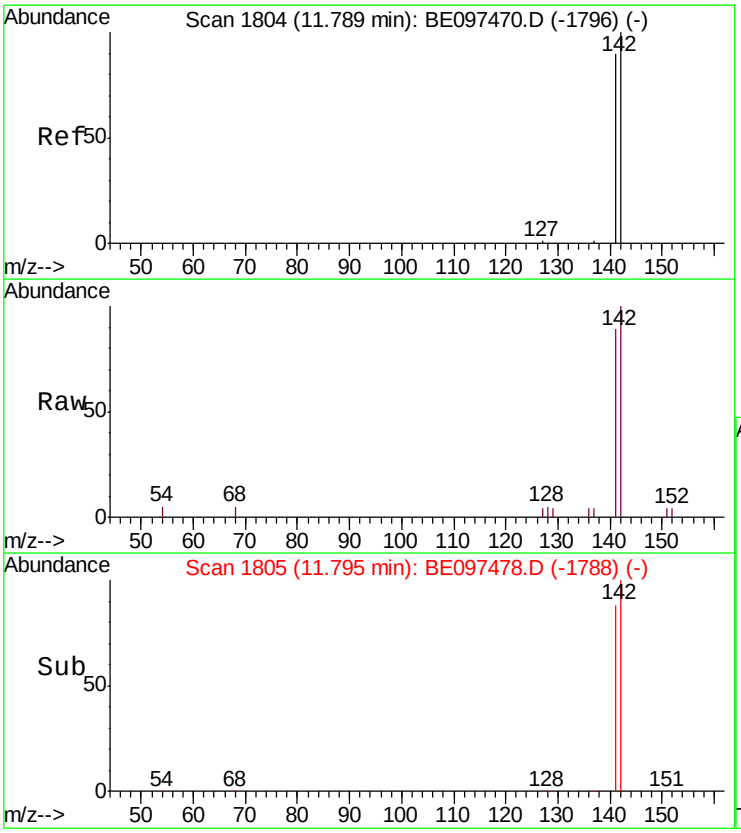
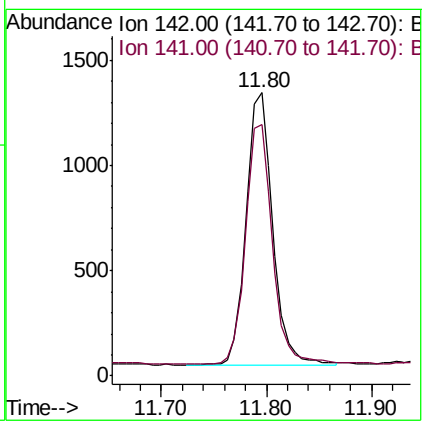


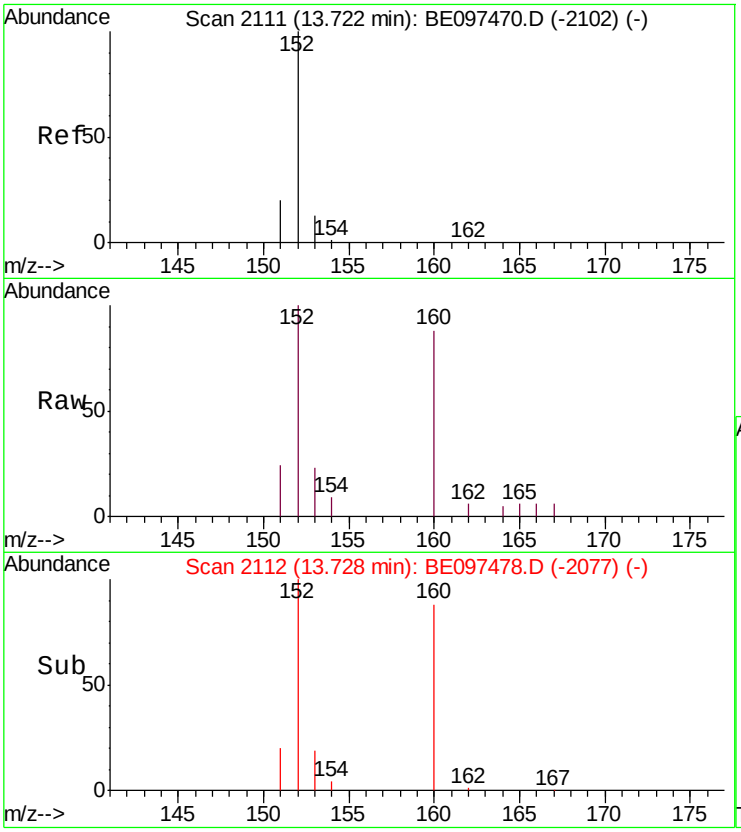


#5
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 11.80 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:142 Resp: 2268

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.100 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:152 Resp: 1780

Ion	Ratio	Lower	Upper
152	100		
151	23.9	17.1	25.7
153	23.5	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
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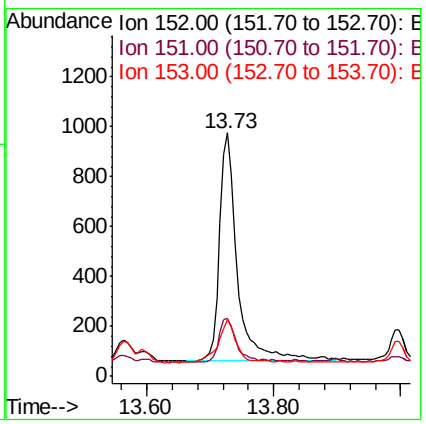
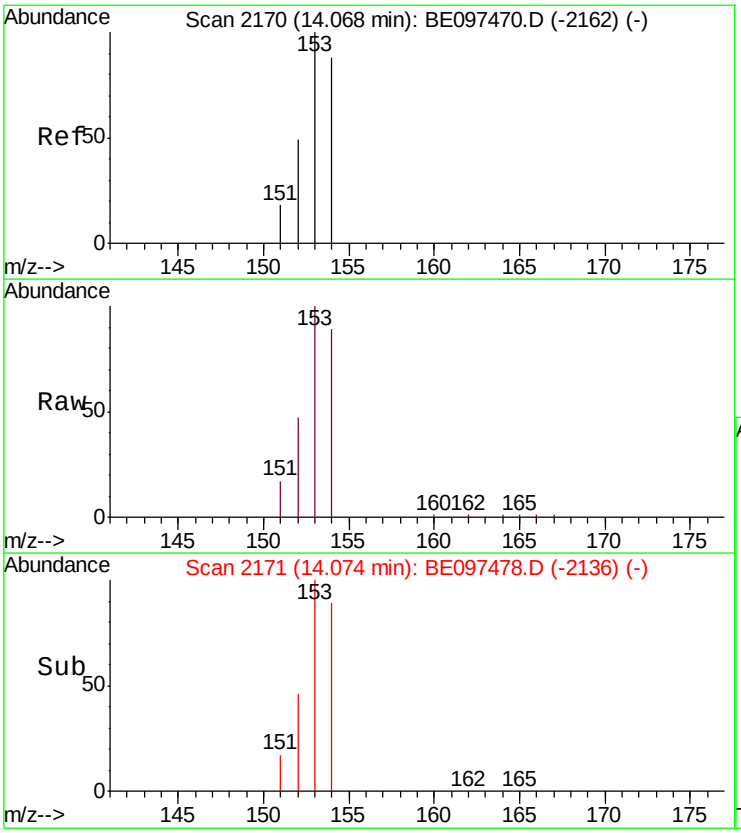
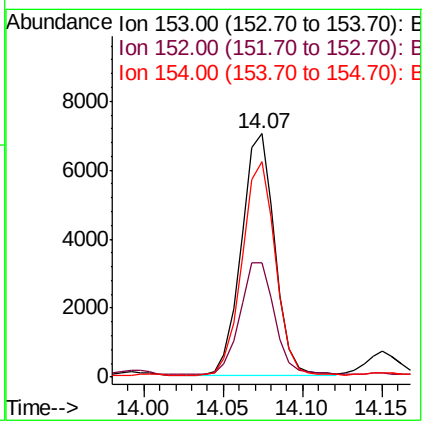


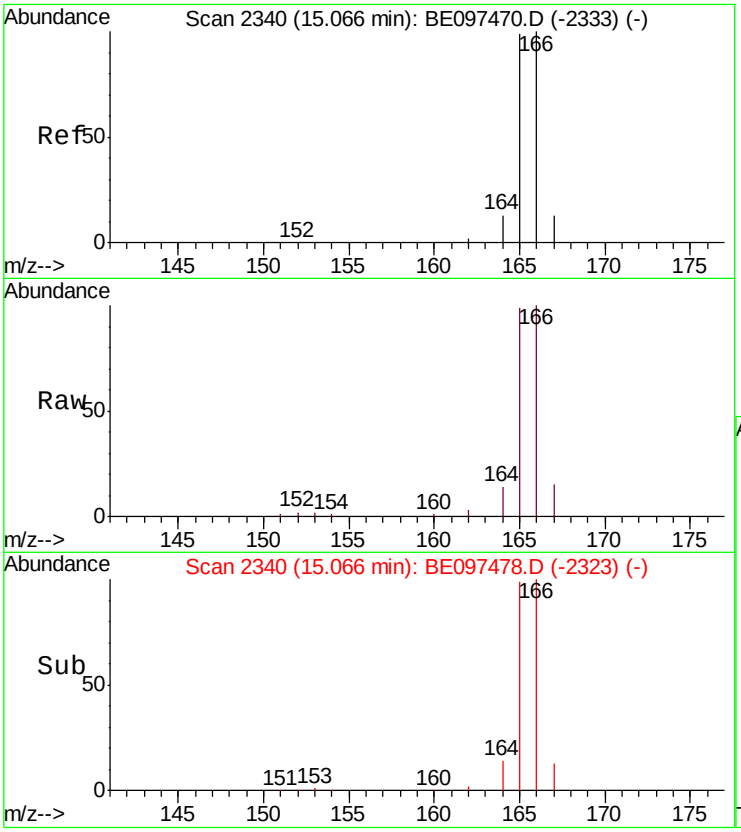


#8
Acenaphthene
Concen: 0.667 ng/ul
RT: 14.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:153 Resp: 10178

Ion	Ratio	Lower	Upper
153	100		
152	46.9	36.0	54.0
154	88.6	72.0	108.0

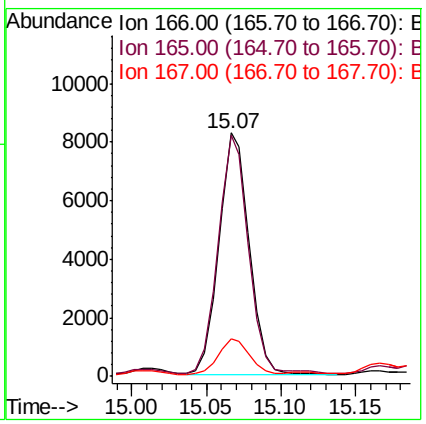




#9
Fluorene
Concen: 0.667 ng/ul
RT: 15.07 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:166 Resp: 11661

Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.4	110.2
167	15.3	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
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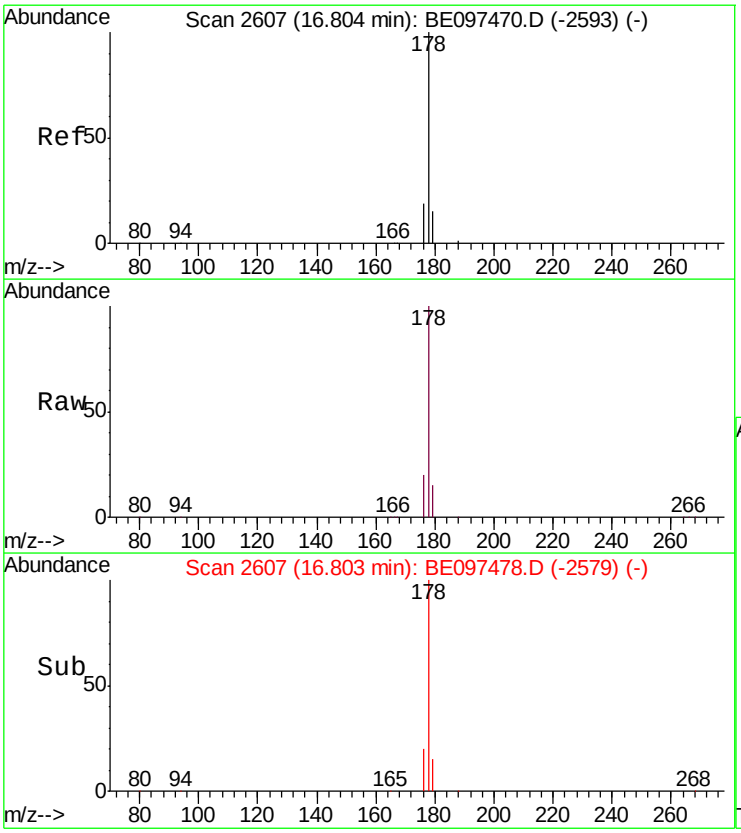
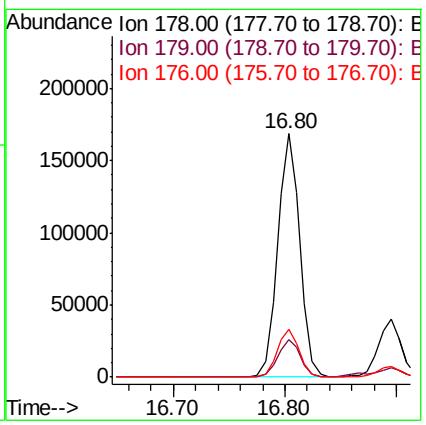
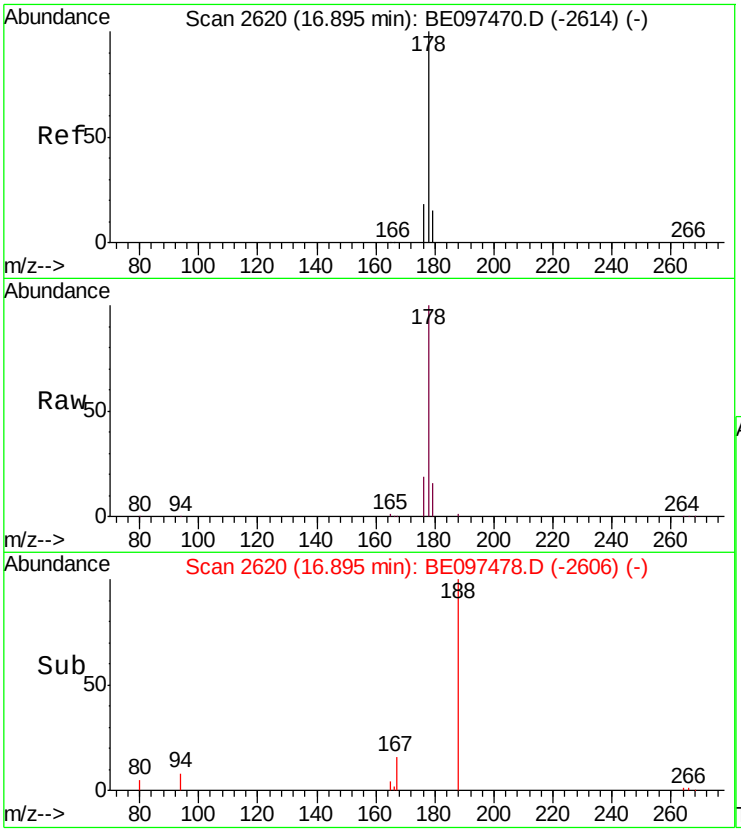


#12
Phenanthrene
Concen: 7.377 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:178 Resp: 233083

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.6	13.6	20.4





#13
Anthracene
Concen: 2.051 ng/ul
RT: 16.89 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:178 Resp: 54478

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.1	27.1#
176	18.9	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
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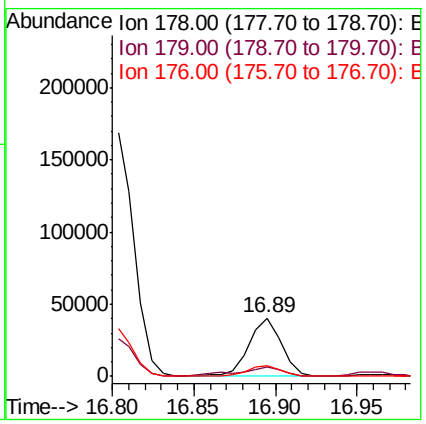
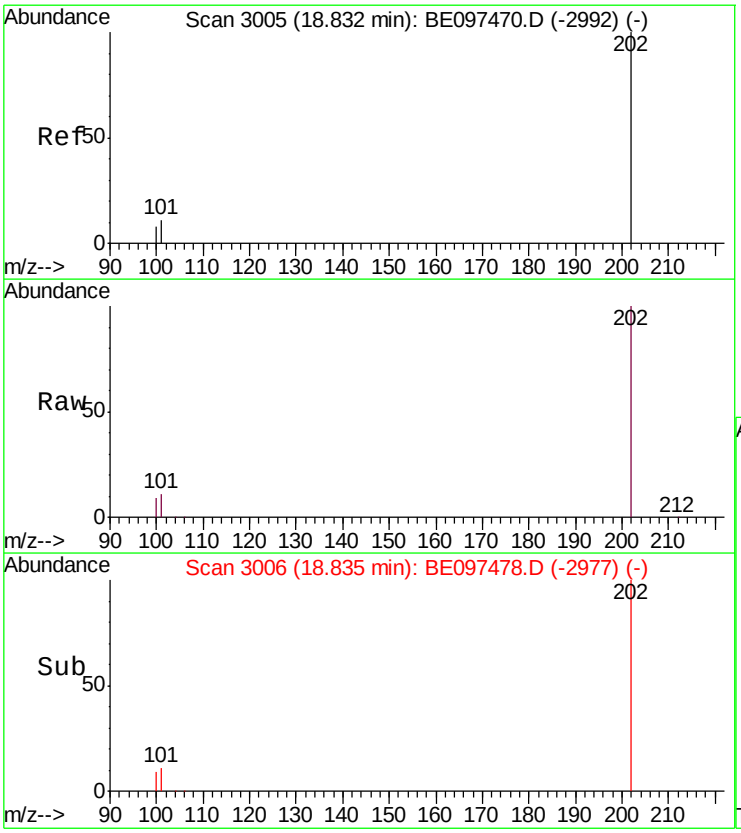
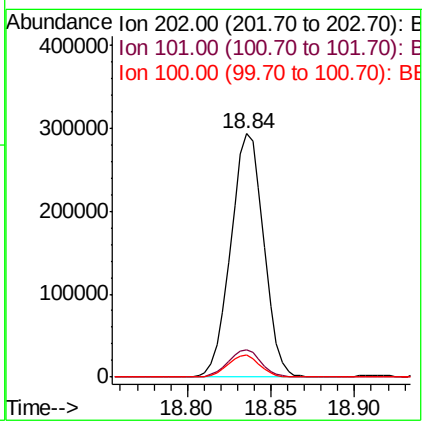


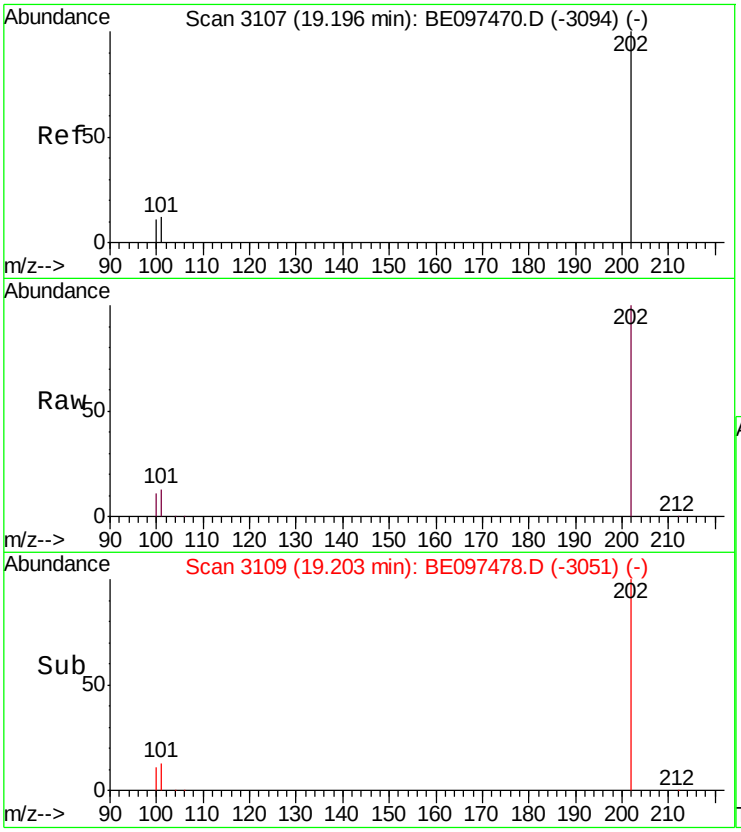


#15
Fluoranthene
Concen: 9.855 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:202 Resp: 400002

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.0	0.0	39.5





#17
Pyrene
Concen: 12.980 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:202 Resp: 462874

Ion	Ratio	Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	10.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
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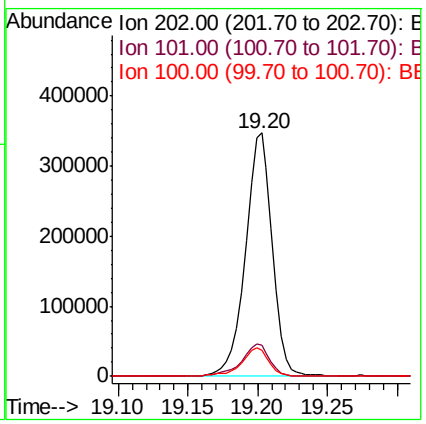
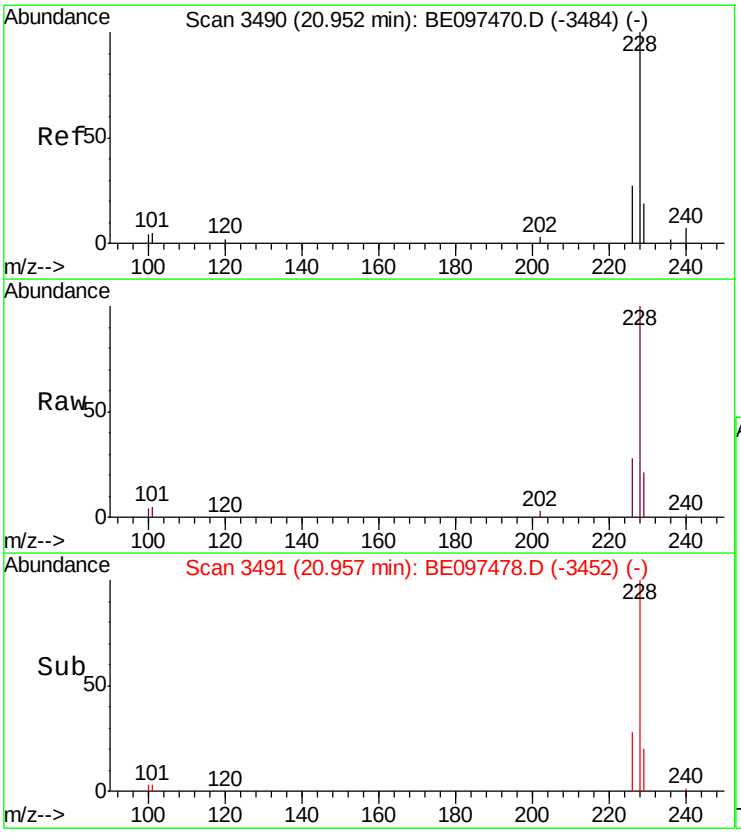
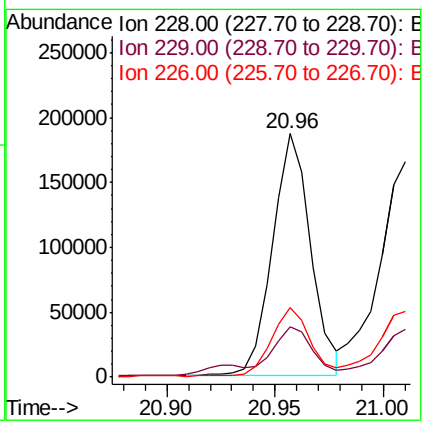


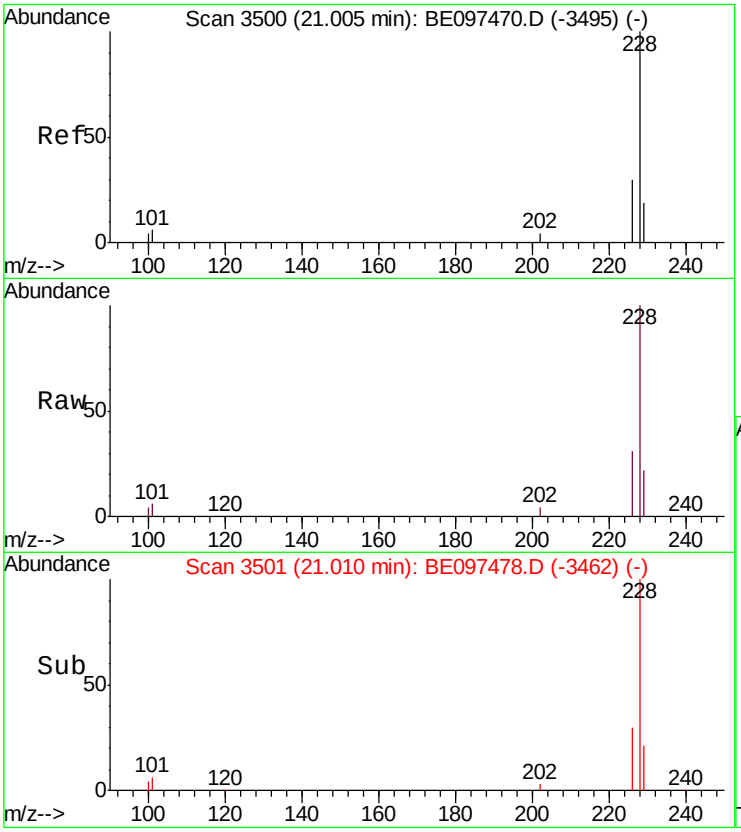


#18
Benzo(a)anthracene
Concen: 6.682 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:228 Resp: 227463

Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	28.4	17.0	25.6#

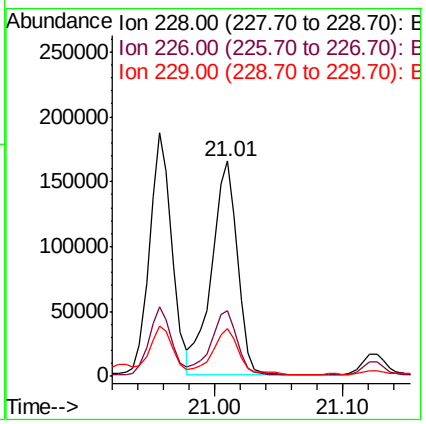




#19
Chrysene
Concen: 5.859 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:228 Resp: 229806

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	22.1	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
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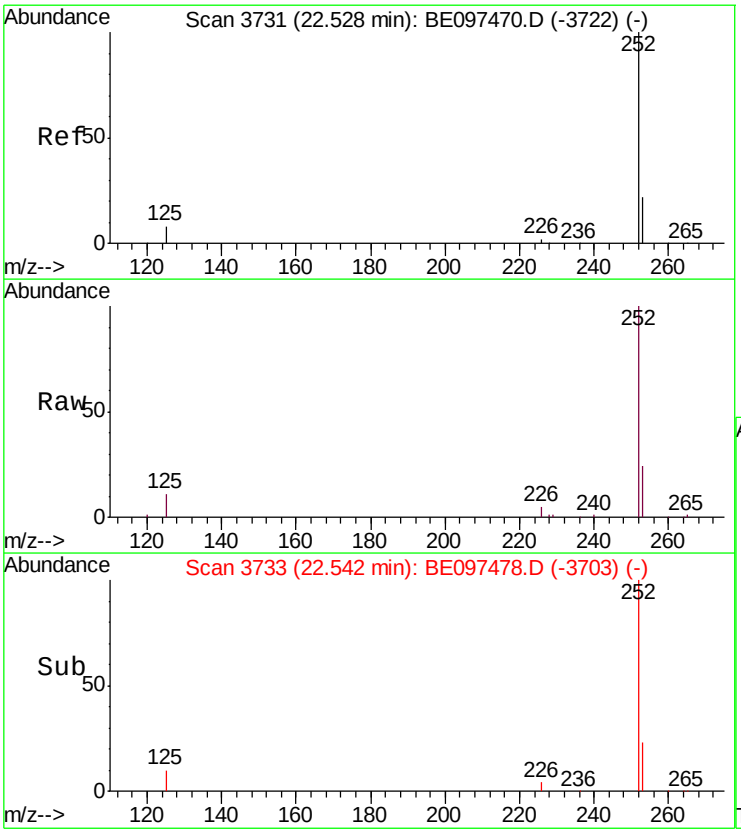
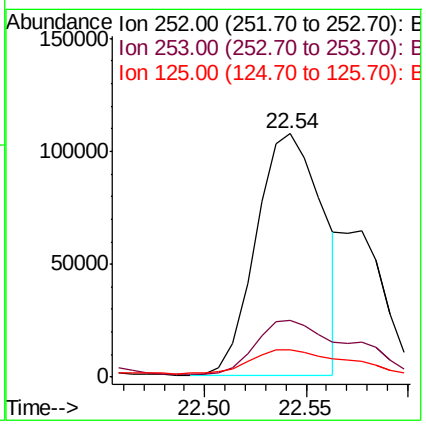
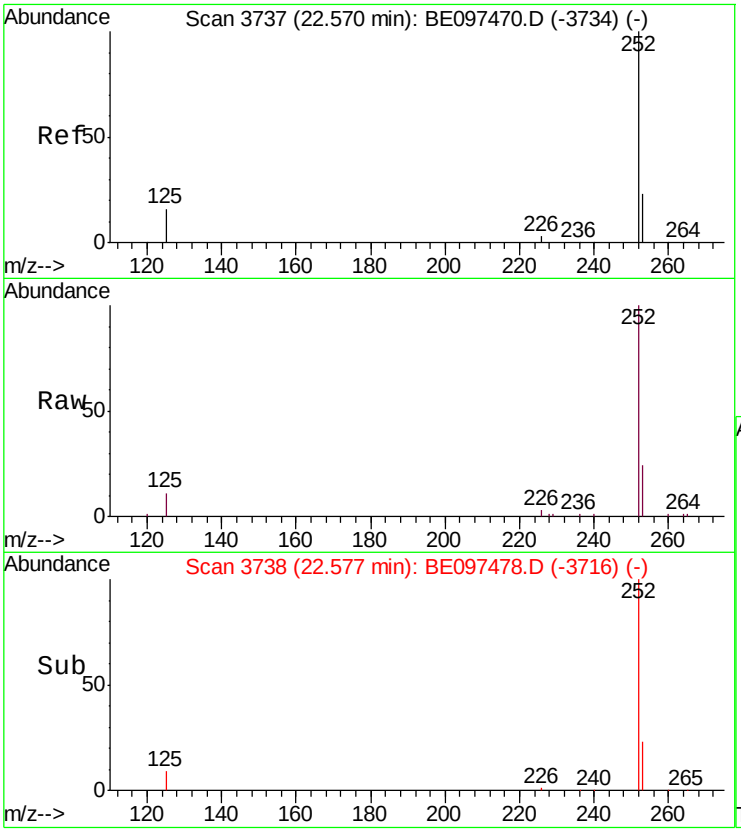


#21
Benzo(b)fluoranthene
Concen: 6.633 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:252 Resp: 247557

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	11.1	0.0	35.0





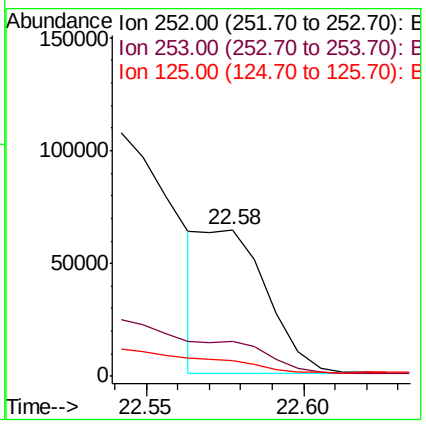
#22
Benzo(k)fluoranthene
Concen: 2.200 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

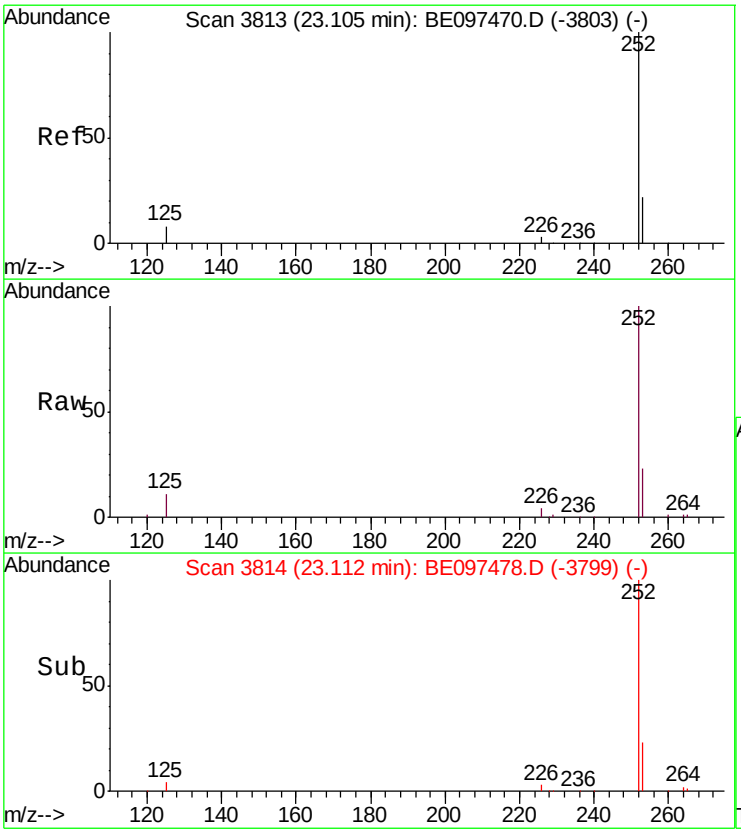
Tgt Ion:252 Resp: 91571

Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	11.0	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:04 PM

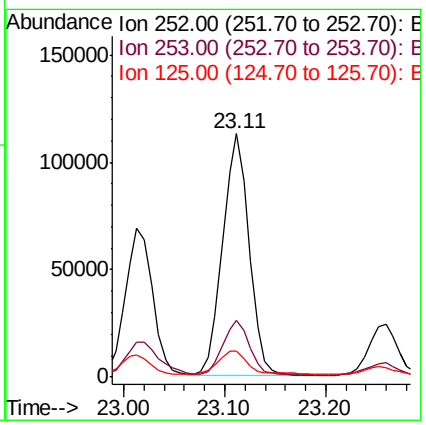


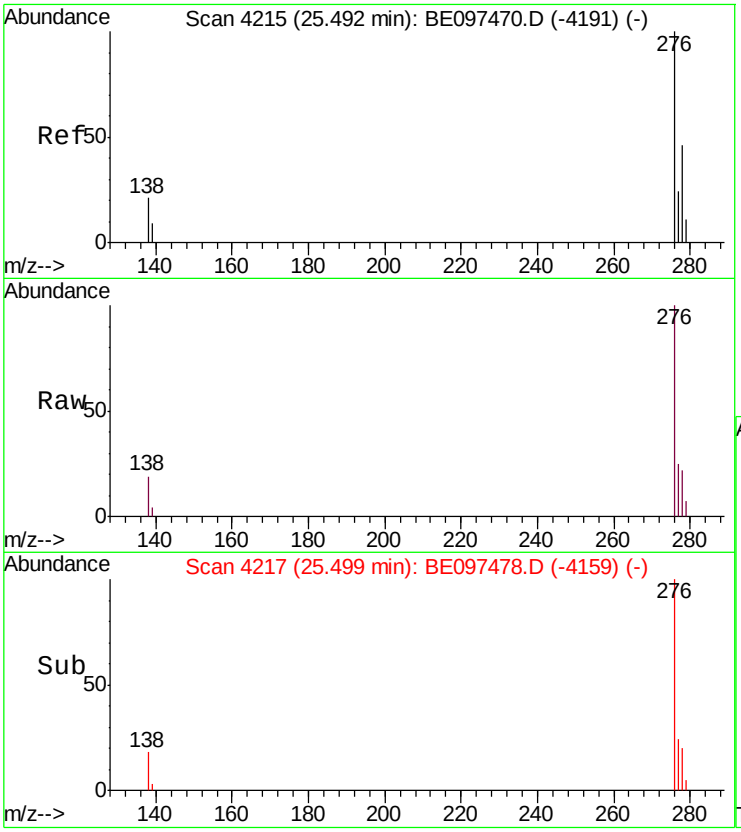


#23
Benzo(a)pyrene
Concen: 5.879 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:252 Resp: 202964

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	10.5	18.1	27.1#





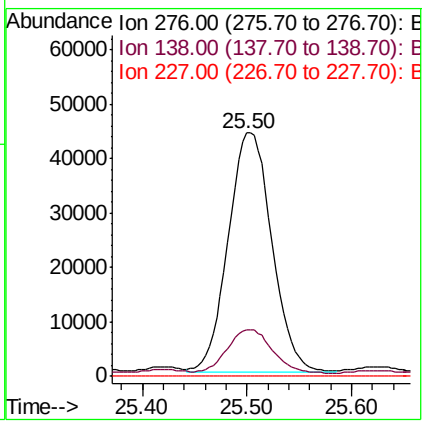
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.851 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

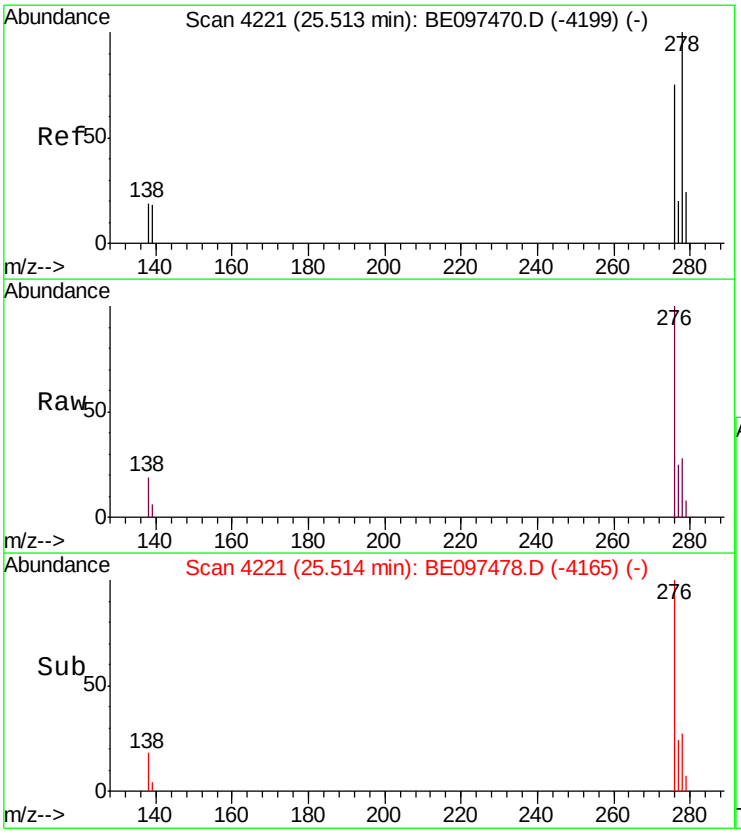
Tgt Ion:276 Resp: 127564

Ion	Ratio	Lower	Upper
276	100		
138	18.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:04 PM

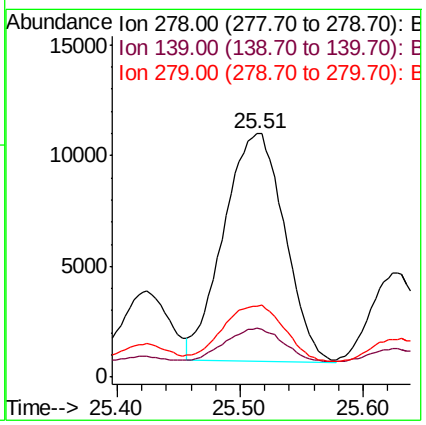


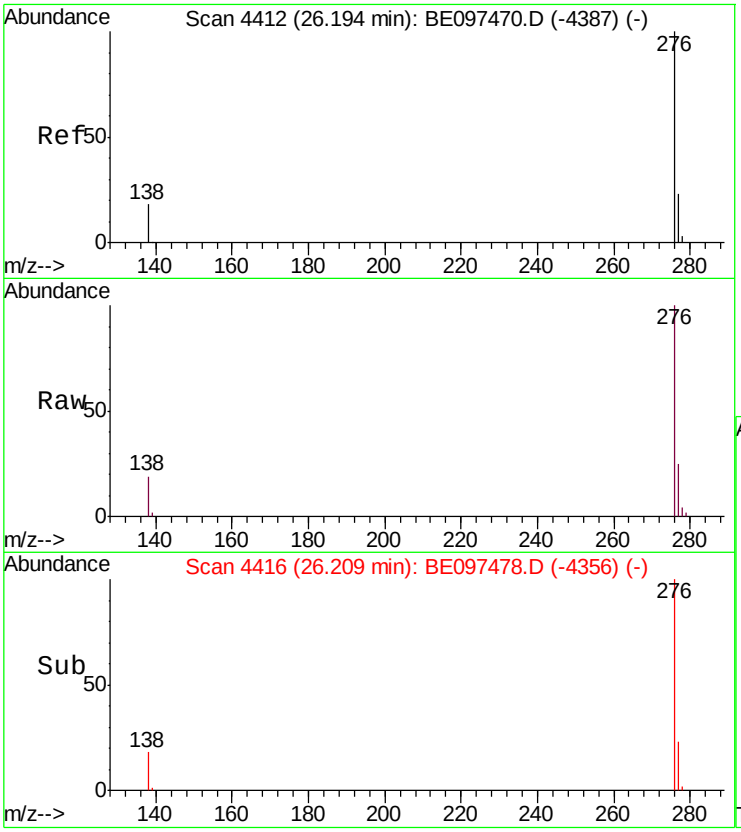


#25
Dibenzo(a,h)anthracene
Concen: 0.930 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:278 Resp: 35255

Ion	Ratio	Lower	Upper
278	100		
139	20.3	17.4	26.0
279	29.2	25.9	38.9

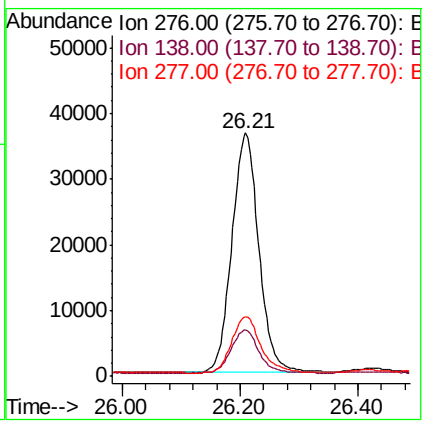




#26
Benzo(g,h,i)perylene
Concen: 3.040 ng/ul
RT: 26.21 min Scan# 4416
Delta R.T. 0.01 min
Lab File: BE097478.D
Acq: 13 Sep 2018 7:59

Tgt Ion:276 Resp: 115991

Ion	Ratio	Lower	Upper
276	100		
138	19.2	21.8	32.8#
277	24.6	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3YZ1DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:04 PM