Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097212.D
Acq On : 4 Aug 2018 22:21
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : JJ1K9

Manual Integrations APPROVED
Sohil
8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:20:10 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 : Mon Aug 06 03:46:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1513	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	8150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4987	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11377m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11882m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10801m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3059	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	8810m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	1114	0.056	ng/ul#	90
5) 2-Methylnaphthalene	11.80	142	501	0.038	ng/ul	96
7) Acenaphthylene	13.73	152	1316	0.061	ng/ul#	87
8) Acenaphthene	14.08	153	5506	0.353	ng/ul	95
9) Fluorene	15.08	166	6012	0.335	ng/ul	95
12) Phenanthrene	16.81	178	205376m	7.081	ng/ul	
13) Anthracene	16.90	178	30237m	1.118	ng/ul	
15) Fluoranthene	18.84	202	456377m	11.905	ng/ul	
17) Pyrene	19.21	202	482284	15.148	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	193722m	5.706	ng/ul	
19) Chrysene	21.01	228	229102	6.548	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	283565m	9.632	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	105660m	3.329	ng/ul	
23) Benzo(a)pyrene	23.12	252	222878m	7.566	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	163945m	4.447	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	38068m	1.262	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	163207m	5.123	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097212.D
Acq On : 4 Aug 2018 22:21
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 06 04:20:10 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 : Mon Aug 06 03:46:27 2018
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Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
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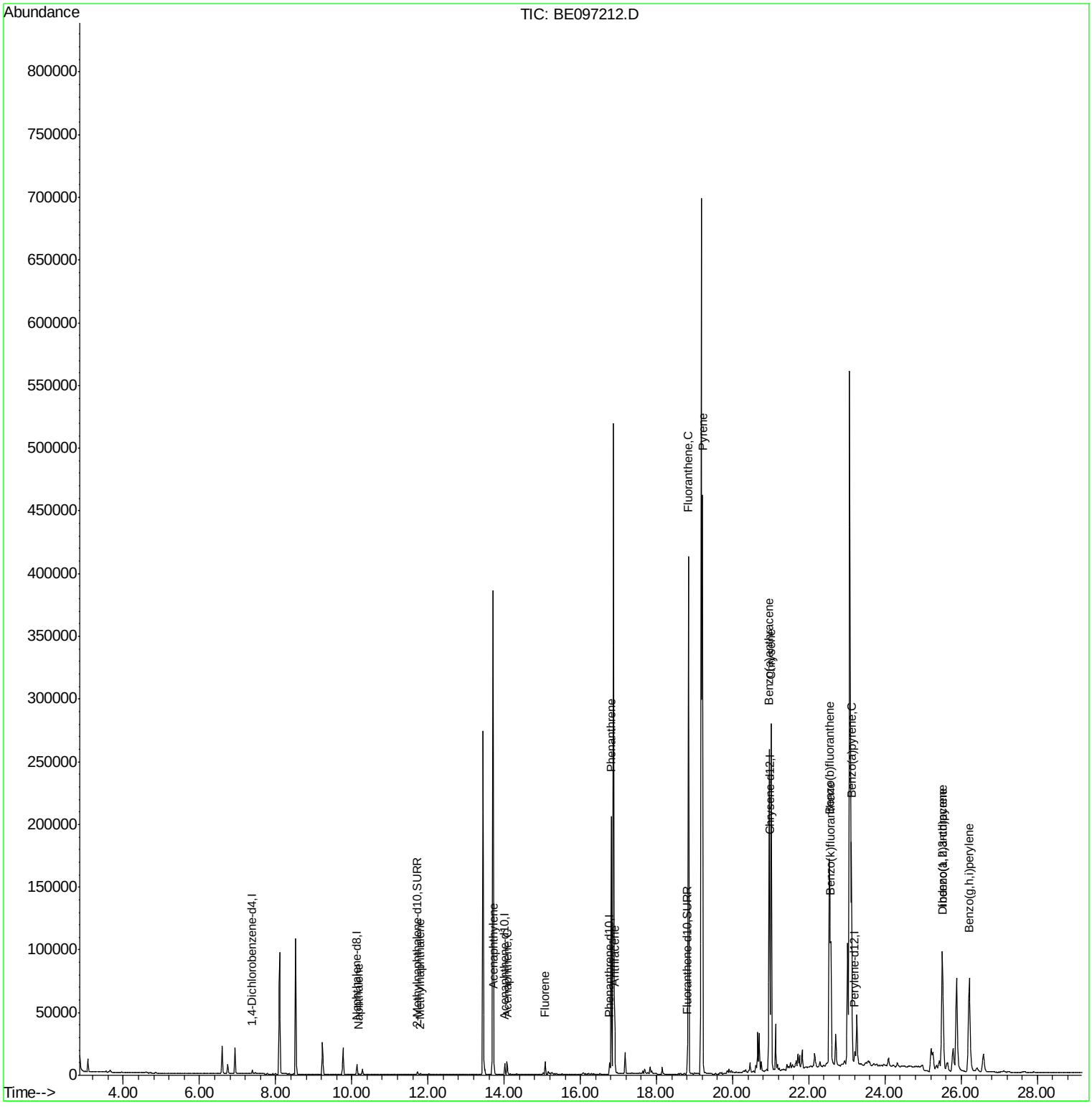

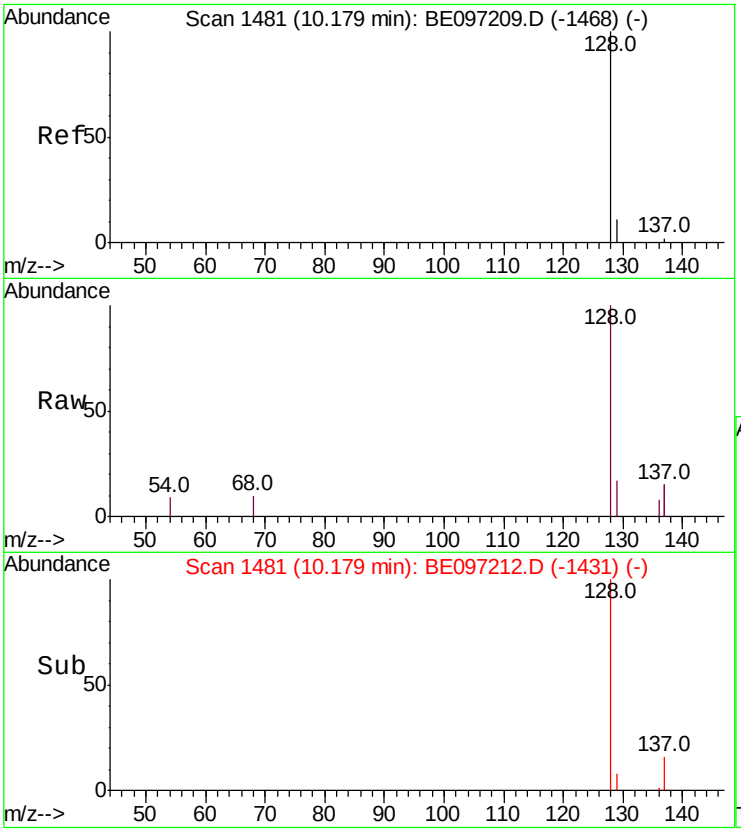

#3
Naphthalene
Concen: 0.056 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:128 Resp: 1114

Ion	Ratio	Lower	Upper
128	100		
129	17.4	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
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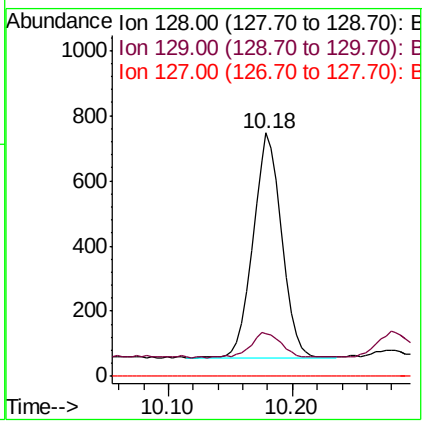
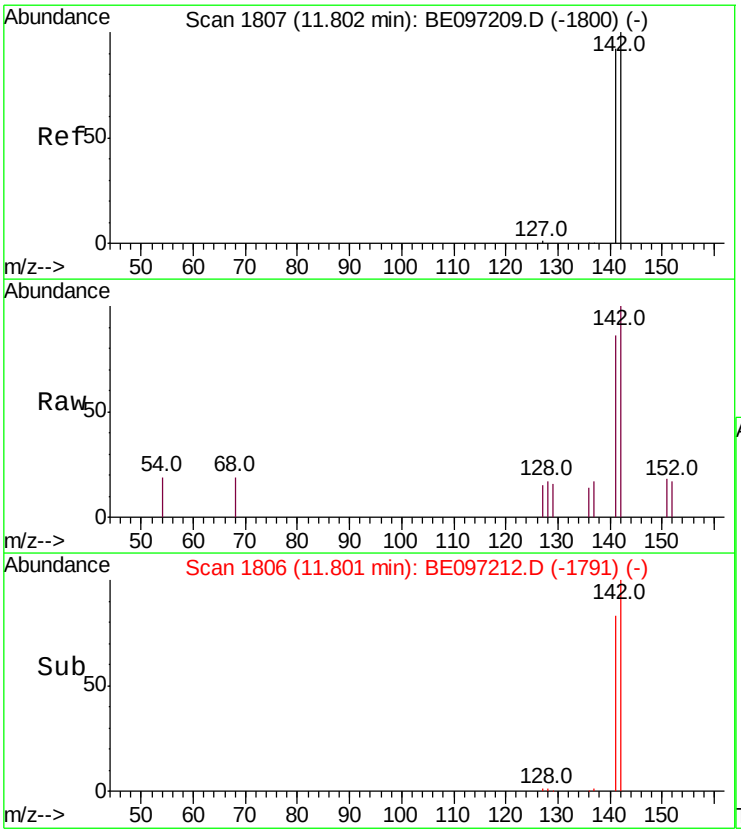
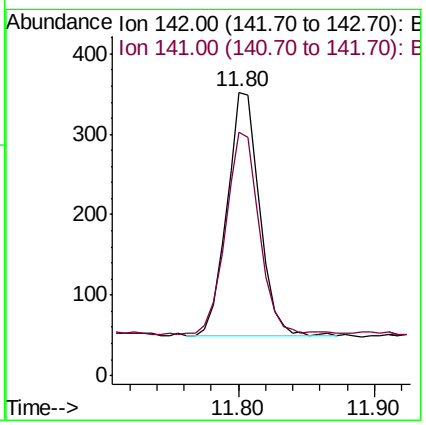


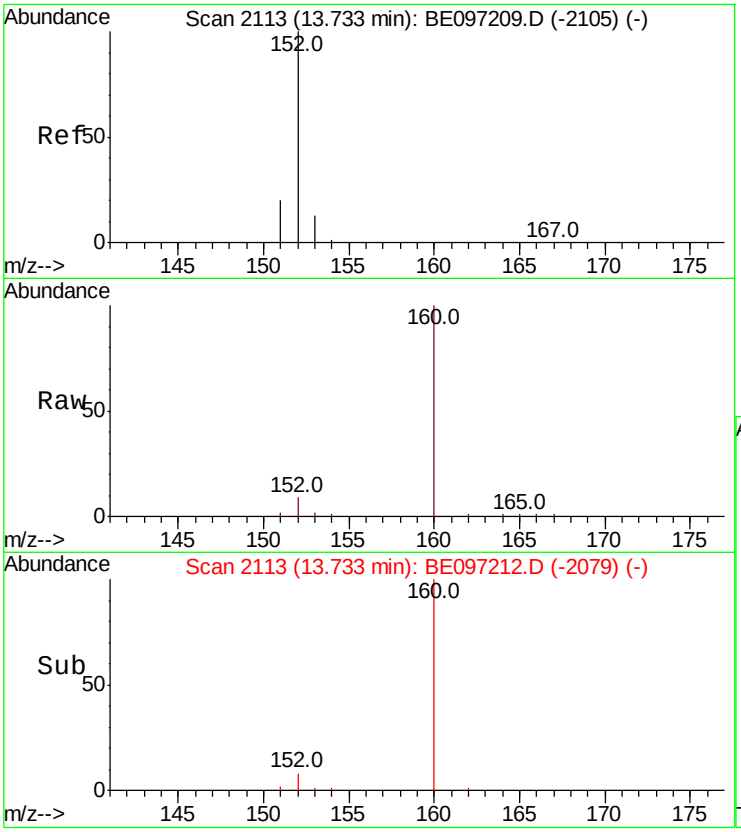


#5
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:142 Resp: 501

Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:152 Resp: 1316

Ion	Ratio	Lower	Upper
152	100		
151	27.2	17.1	25.7#
153	21.8	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
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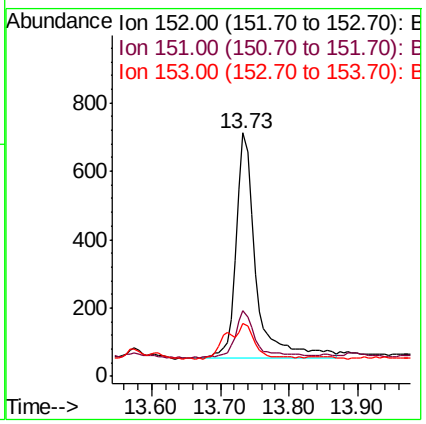
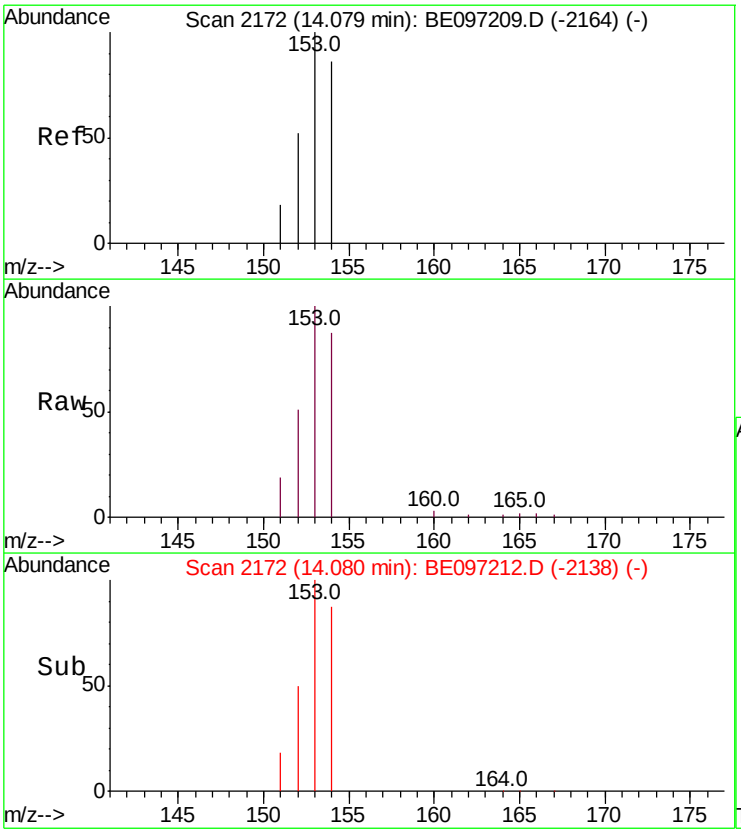
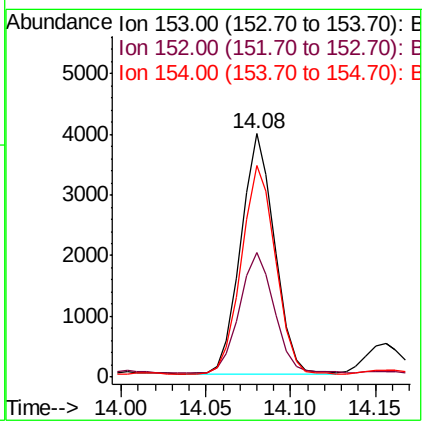


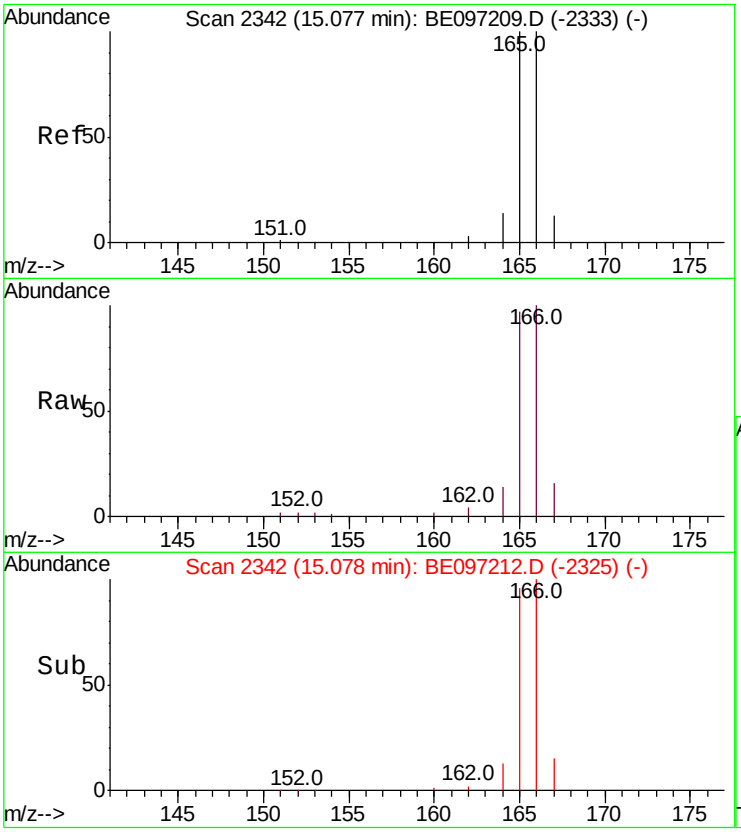


#8
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:153 Resp: 5506

Ion	Ratio	Lower	Upper
153	100		
152	51.0	36.0	54.0
154	86.9	72.0	108.0

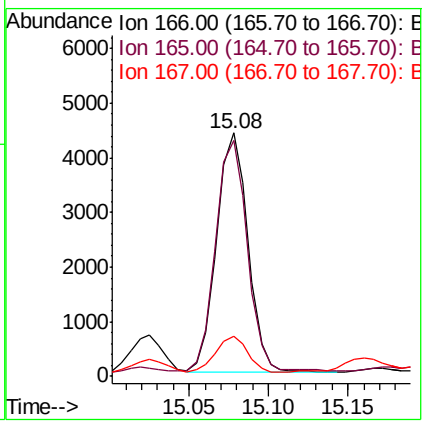




#9
Fluorene
Concen: 0.335 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:166 Resp: 6012

Ion	Ratio	Lower	Upper
166	100		
165	97.0	73.4	110.2
167	16.4	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
JJ1K9

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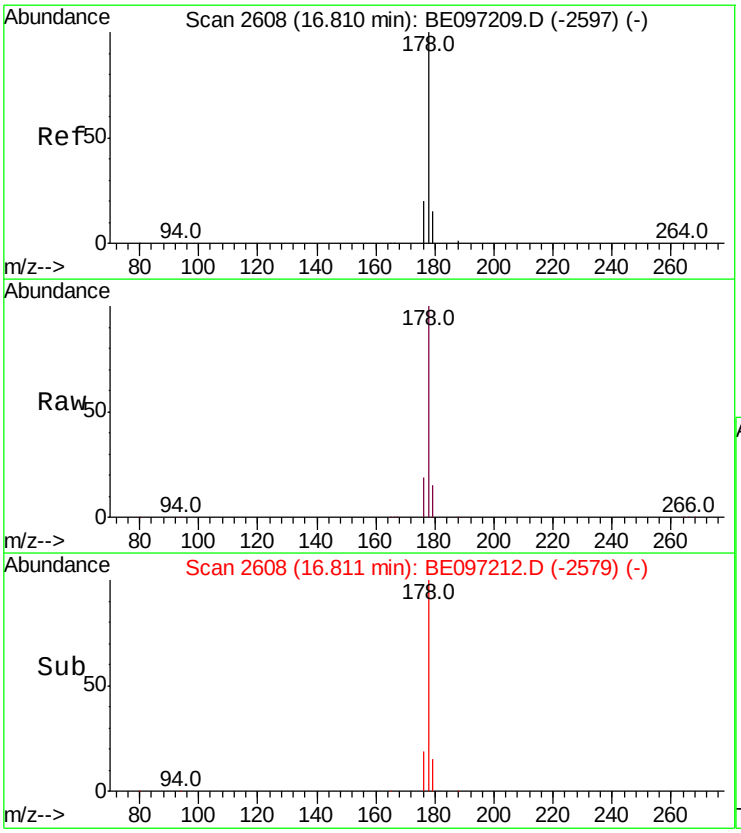
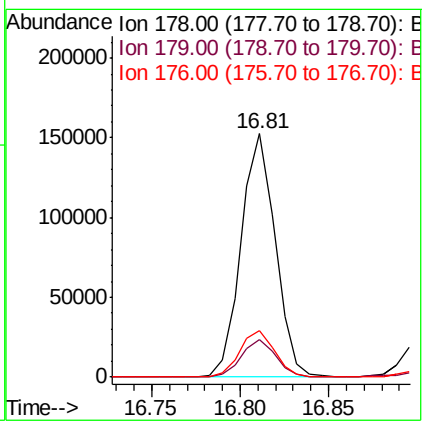
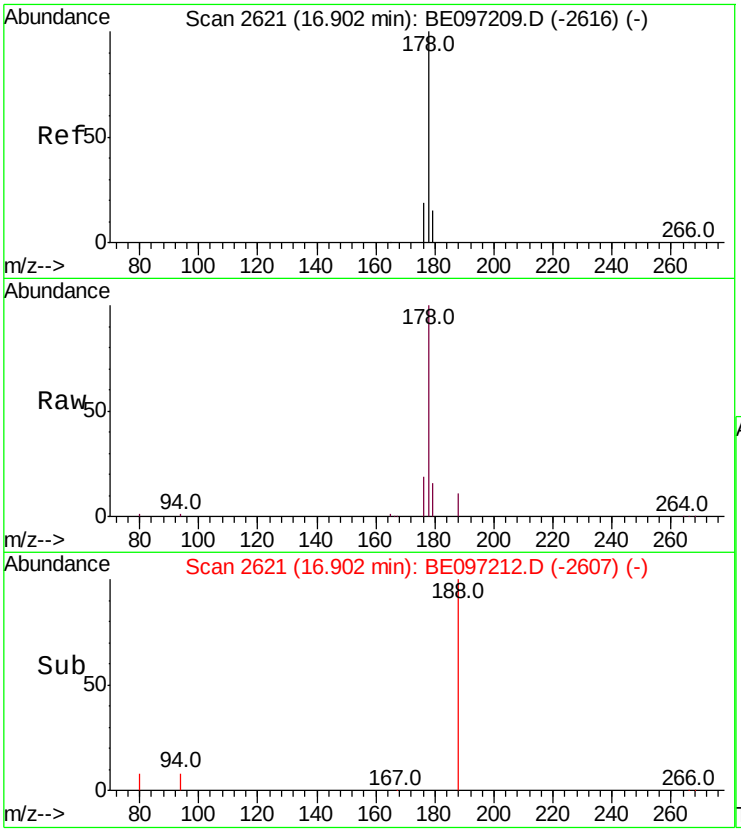


#12
Phenanthrene
Concen: 7.081 ng/ul m
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:178 Resp: 205376

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.2	13.6	20.4





#13
Anthracene
Concen: 1.118 ng/ul m
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:178 Resp: 30237

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	18.6	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
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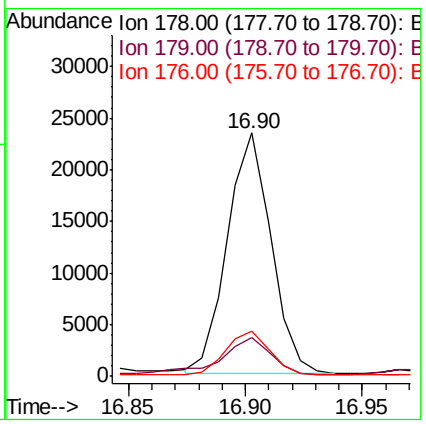
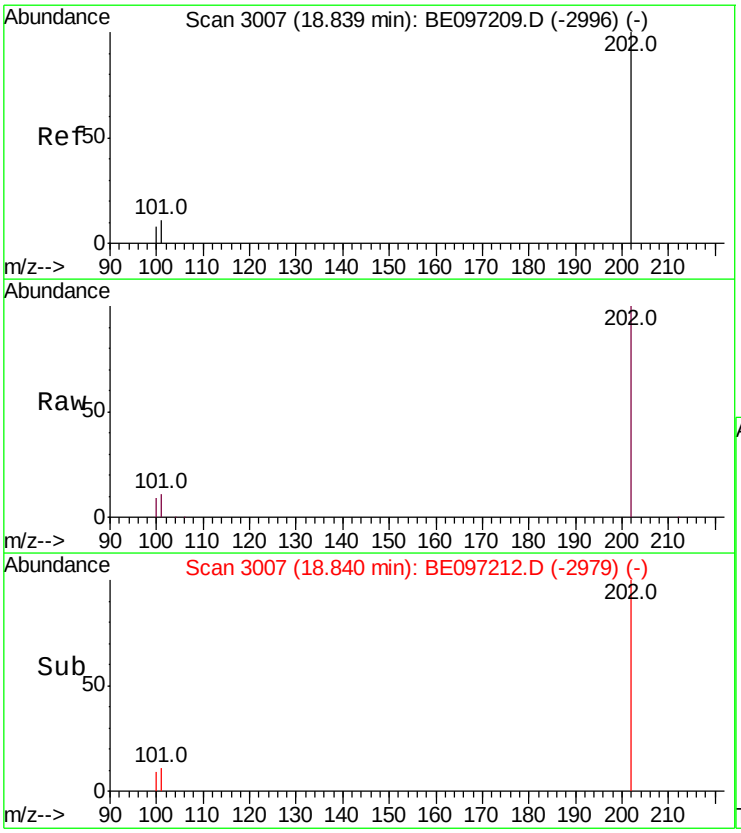
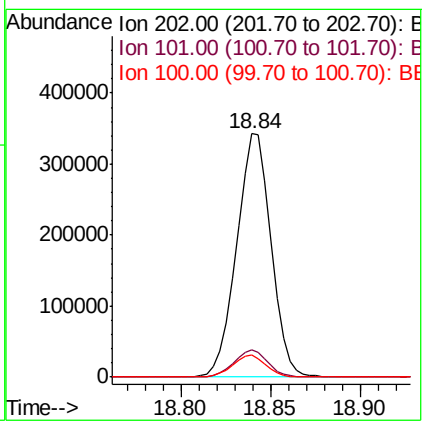


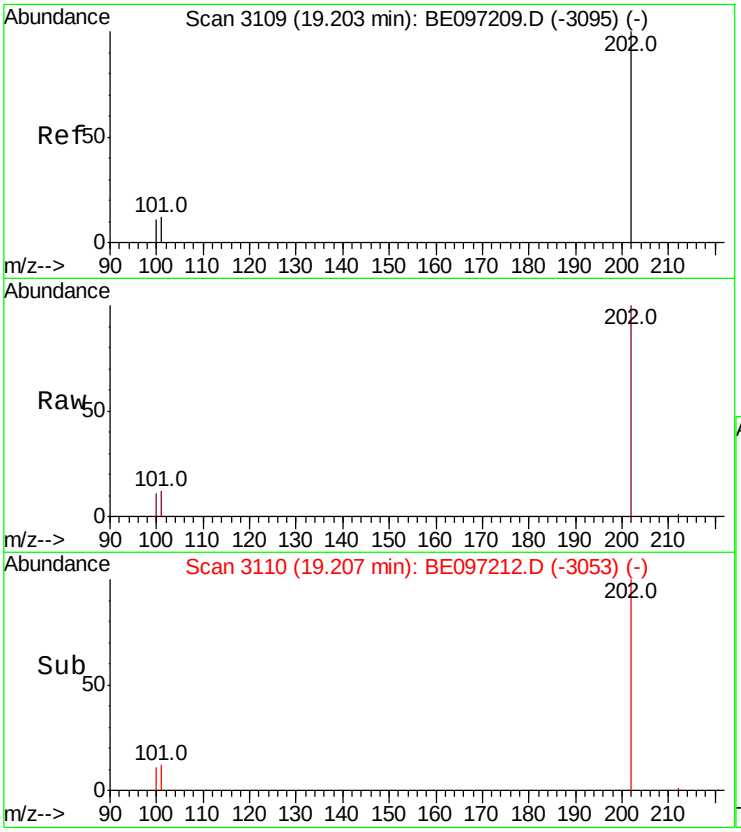


#15
Fluoranthene
Concen: 11.905 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:202 Resp: 456377

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





#17
Pyrene
Concen: 15.148 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:202 Resp: 482284

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
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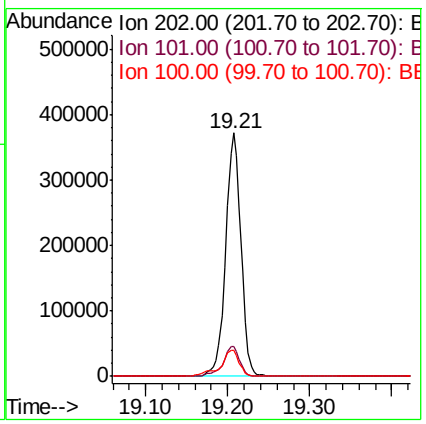
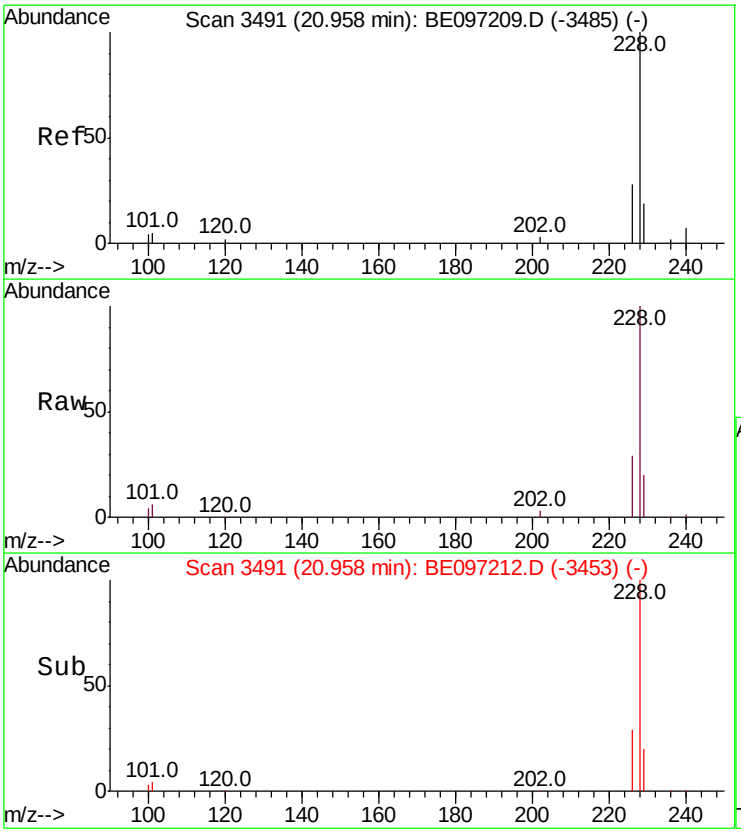
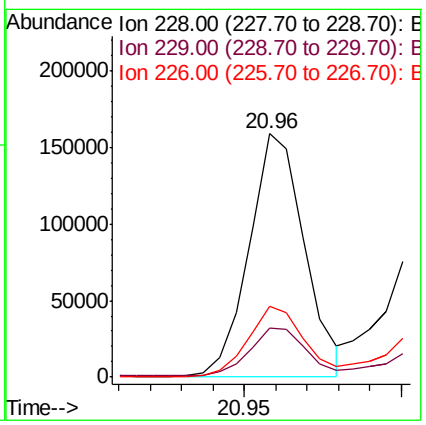


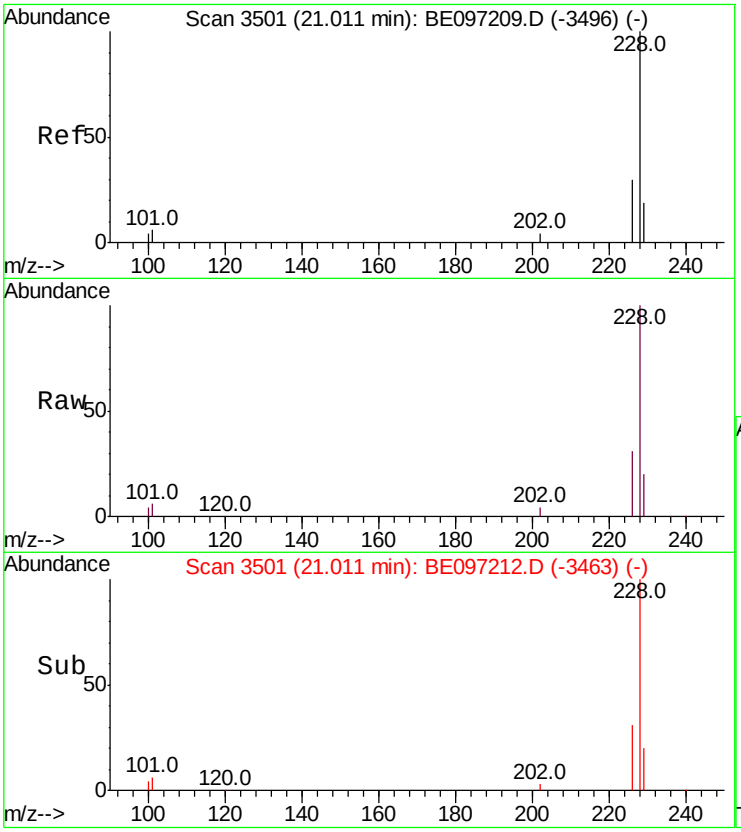


#18
Benzo(a)anthracene
Concen: 5.706 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:228 Resp: 193722

Ion	Ratio	Lower	Upper
228	100		
229	20.0	22.8	34.2#
226	29.2	17.0	25.6#

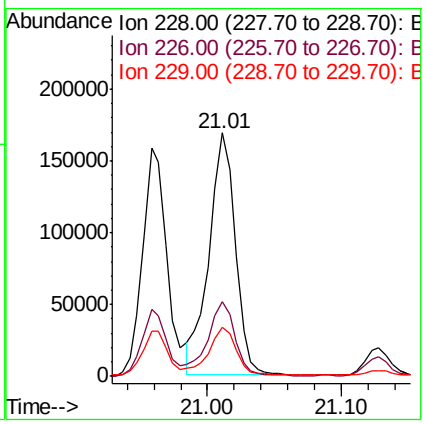




#19
Chrysene
Concen: 6.548 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:228 Resp: 229102

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	20.4	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
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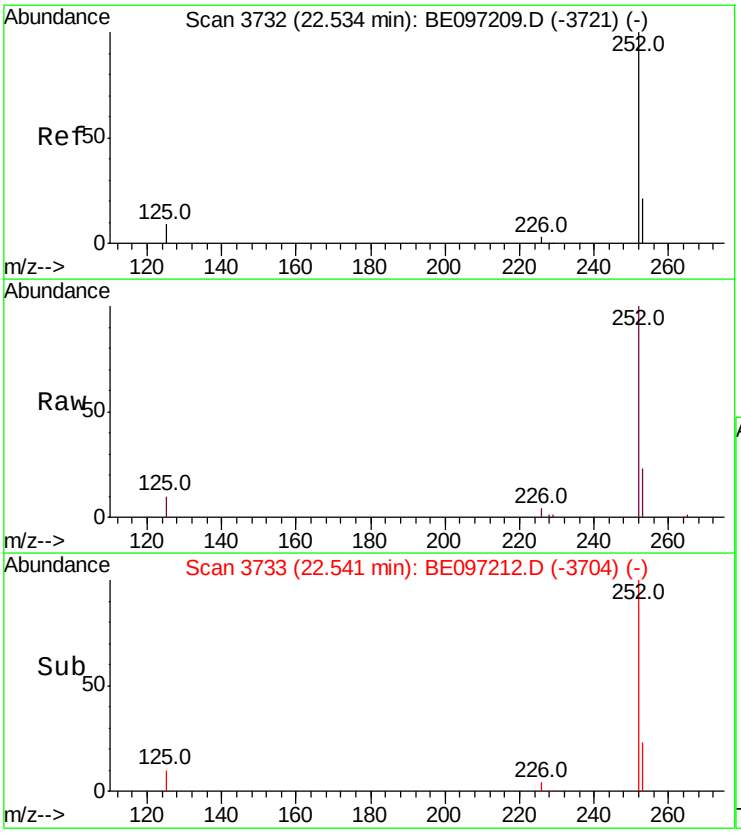
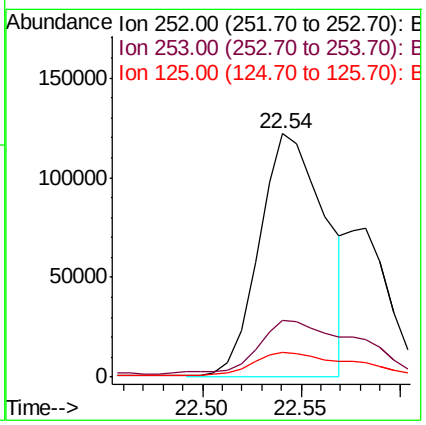
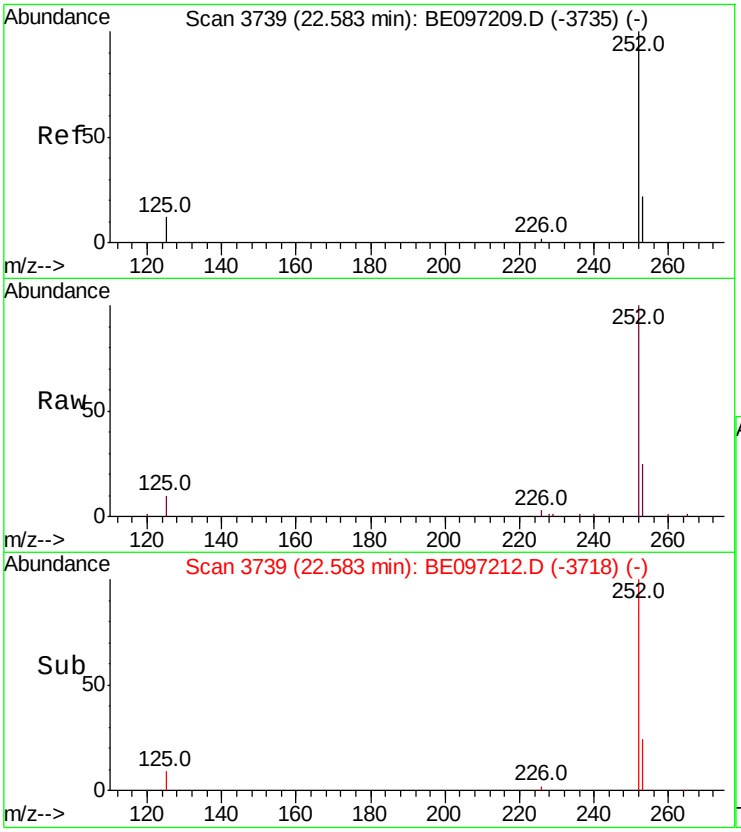


#21
Benzo(b)fluoranthene
Concen: 9.632 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:252 Resp: 283565

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	10.4	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 3.329 ng/ul m
RT: 22.58 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:252 Resp: 105660

Ion	Ratio	Lower	Upper
252	100		
253	25.2	24.5	36.7
125	10.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
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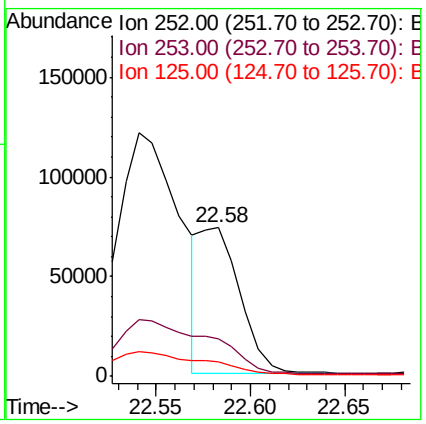
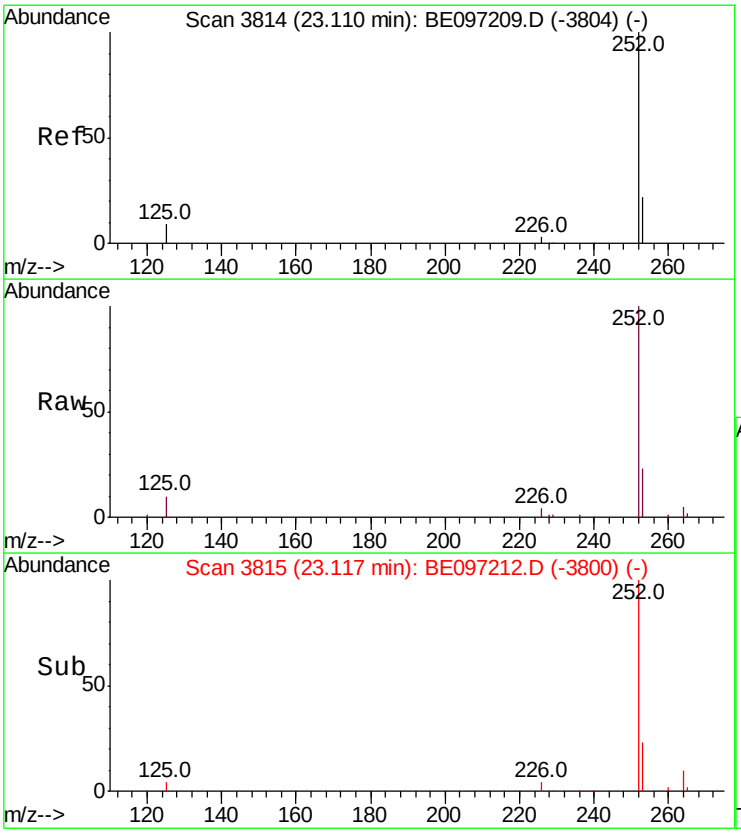
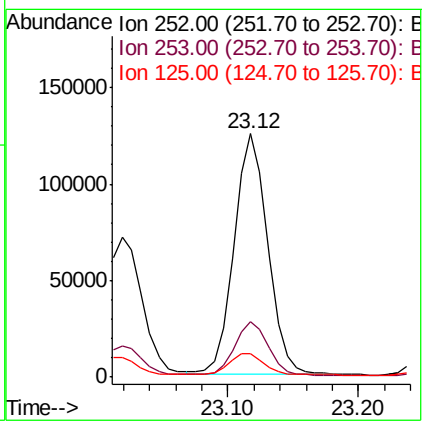


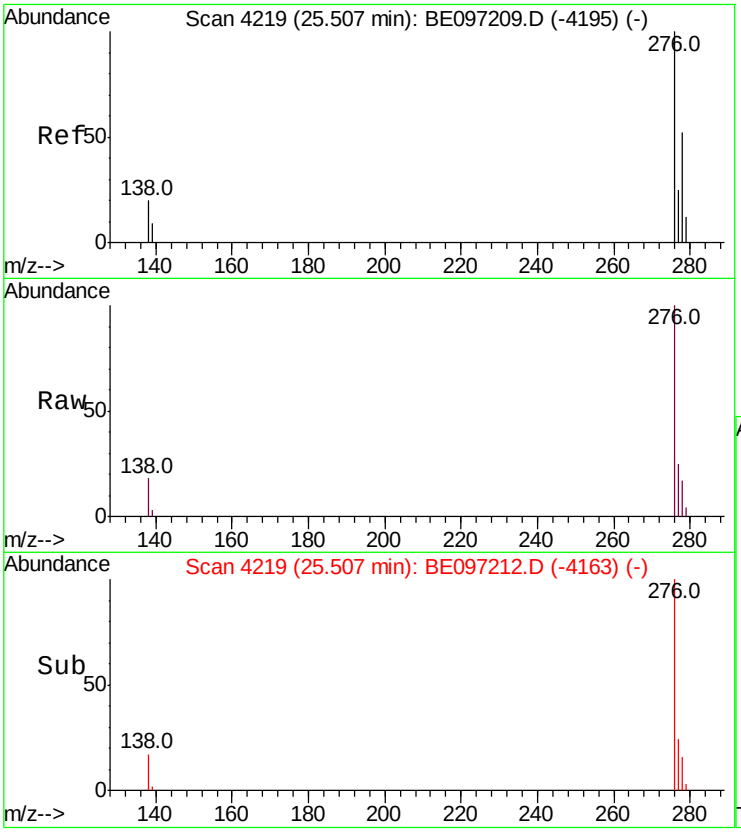


#23
Benzo(a)pyrene
Concen: 7.566 ng/ul m
RT: 23.12 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:252 Resp: 222878

Ion	Ratio	Lower	Upper
252	100		
253	22.6	28.5	42.7#
125	9.9	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 4.447 ng/ul m
RT: 25.51 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:276 Resp: 163945

Ion	Ratio	Lower	Upper
276	100		
138	2.1	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
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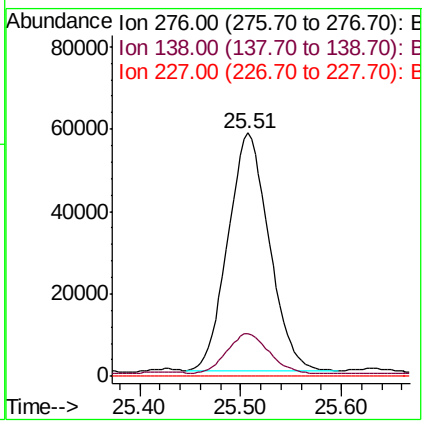
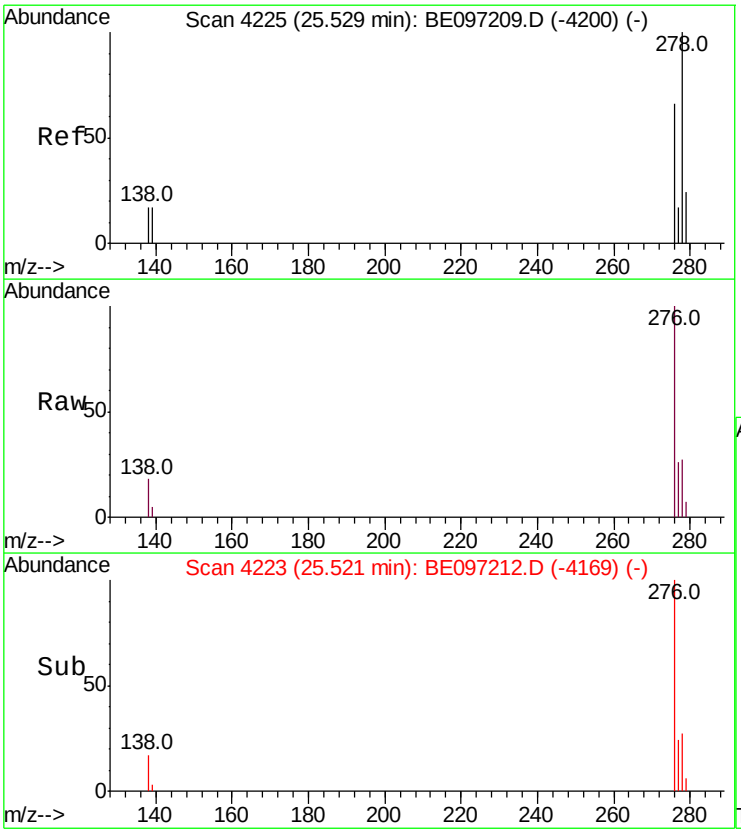
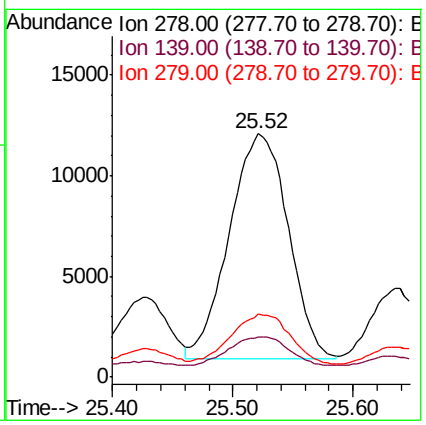


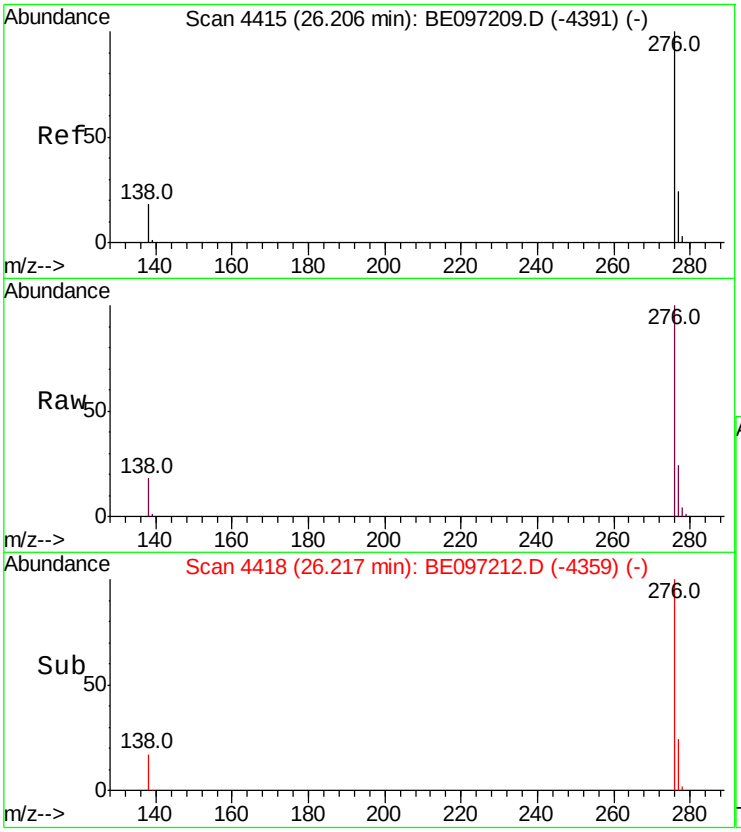


#25
Dibenzo(a,h)anthracene
Concen: 1.262 ng/ul m
RT: 25.52 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:278 Resp: 38068

Ion	Ratio	Lower	Upper
278	100		
139	16.6	17.4	26.0#
279	25.8	25.9	38.9#

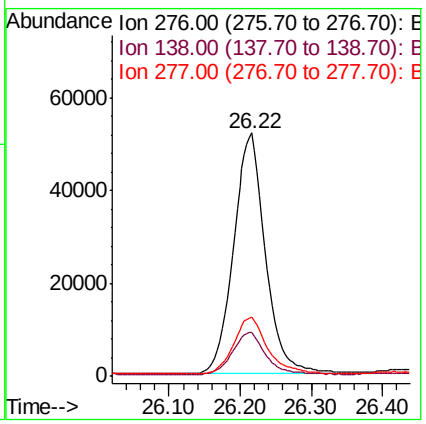




#26
Benzo(g,h,i)perylene
Concen: 5.123 ng/ul m
RT: 26.22 min Scan# 4418
Delta R.T. 0.01 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:276 Resp: 163207

Ion	Ratio	Lower	Upper
276	100		
138	18.1	21.8	32.8#
277	24.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations APPROVED
Sohil
8/6/2018 12:50:59 PM