Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
Data File : BE097398.D
Acq On : 29 Aug 2018 20:32
Operator : SJ/JU
Sample : J4596-10DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
Sohil
8/30/2018 5:37:00 PM

Quant Time: Aug 30 04:12:17 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 Aug 30 02:12:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	969	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4856	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3016	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8088	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10472	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9529m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	312	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1161	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	8772	0.741	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	3230	0.432	ng/ul	96
7) Acenaphthylene	13.72	152	2145	0.195	ng/ul	96
8) Acenaphthene	14.07	153	3318	0.351	ng/ul	97
9) Fluorene	15.07	166	7629	0.705	ng/ul	93
12) Phenanthrene	16.80	178	86438	4.152	ng/ul#	89
13) Anthracene	16.89	178	13994	0.799	ng/ul#	92
15) Fluoranthene	18.83	202	88379	3.304	ng/ul	84
17) Pyrene	19.19	202	82190	2.917	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	36078	1.341	ng/ul#	86
19) Chrysene	21.00	228	36994	1.194	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	42817m	1.678	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	15191m	0.534	ng/ul	
23) Benzo(a)pyrene	23.10	252	33222	1.407	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.48	276	20637	0.674	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.50	278	5384	0.208	ng/ul	99
26) Benzo(g,h,i)perylene	26.18	276	20651	0.792	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
Data File : BE097398.D
Acq On : 29 Aug 2018 20:32
Operator : SJ/JU
Sample : J4596-10DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 30 04:12:17 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 Aug 30 02:12:09 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
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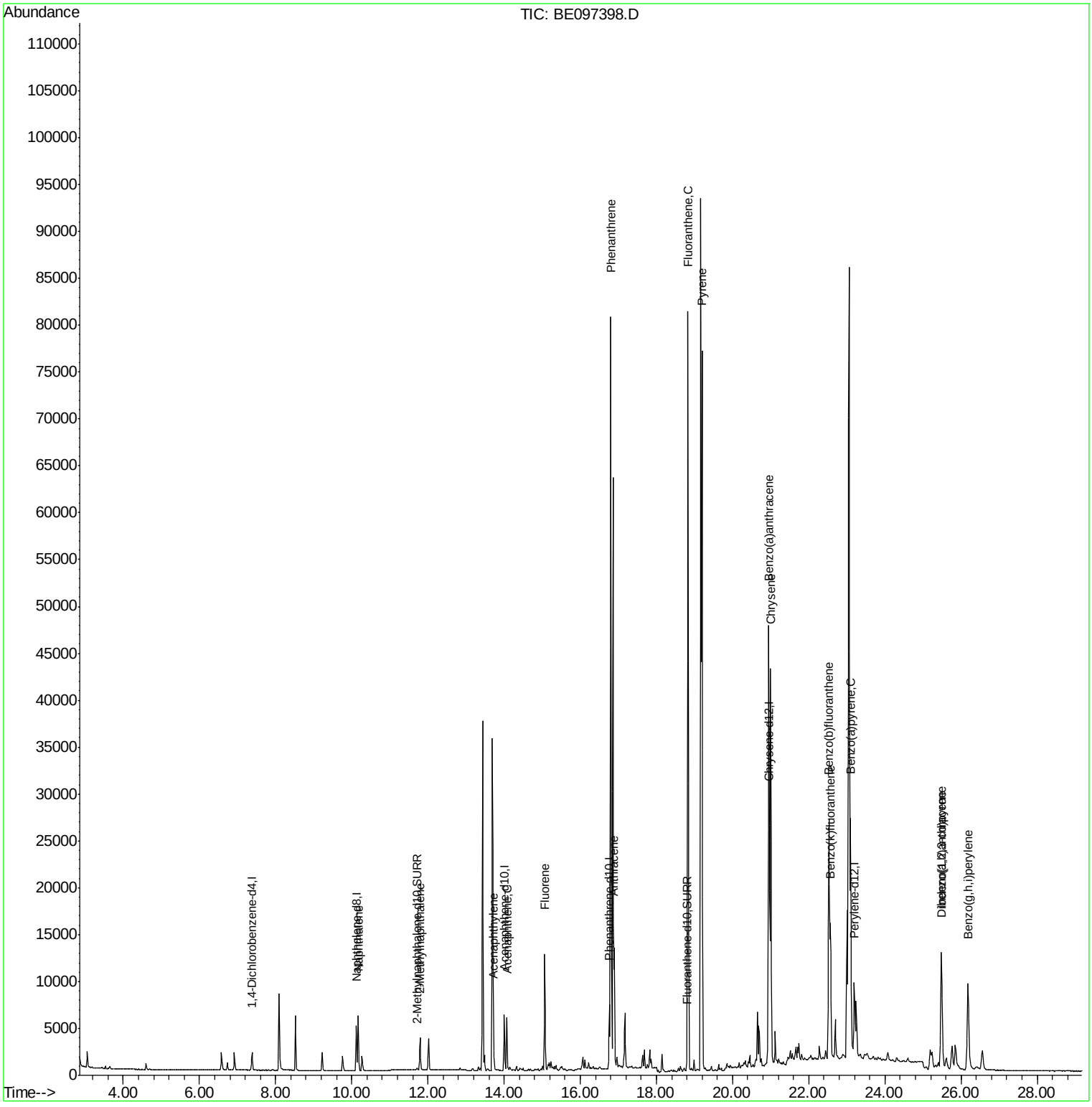

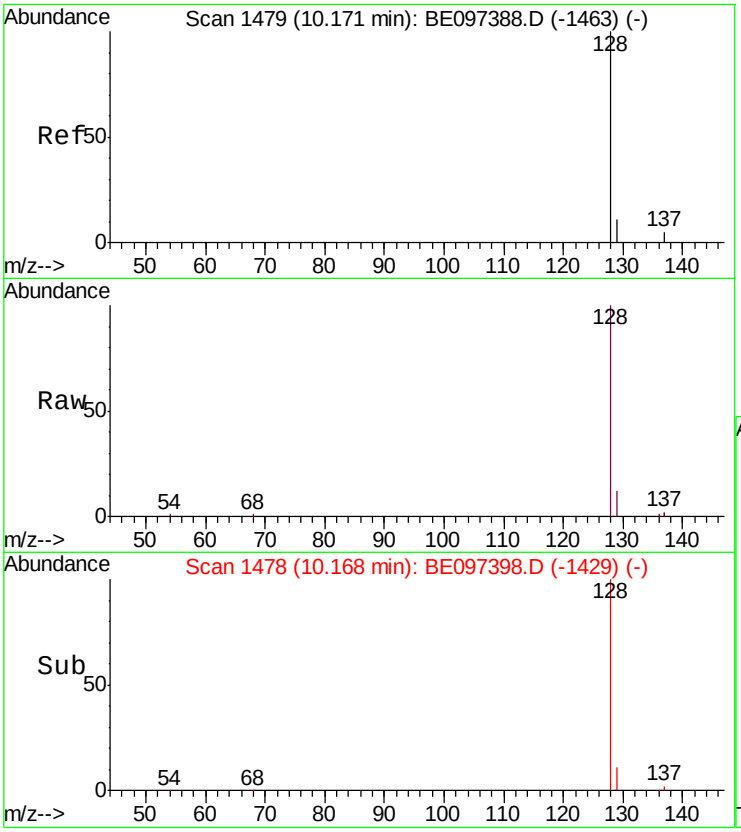

#3
Naphthalene
Concen: 0.741 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:128 Resp: 8772

Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
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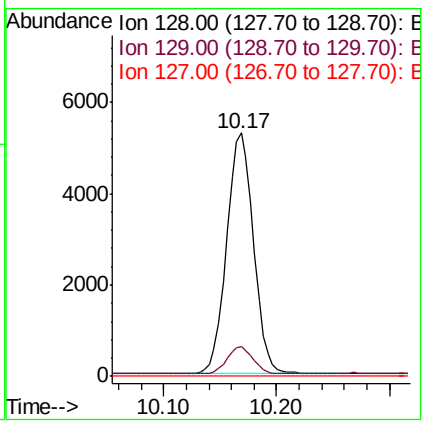
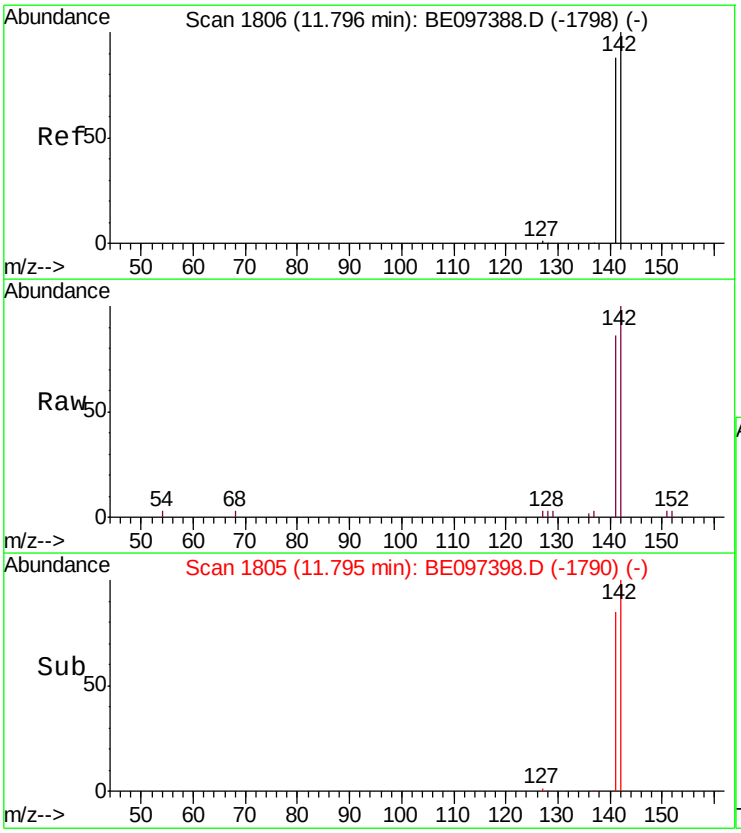
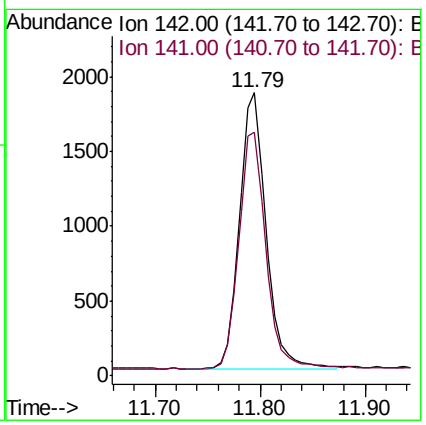


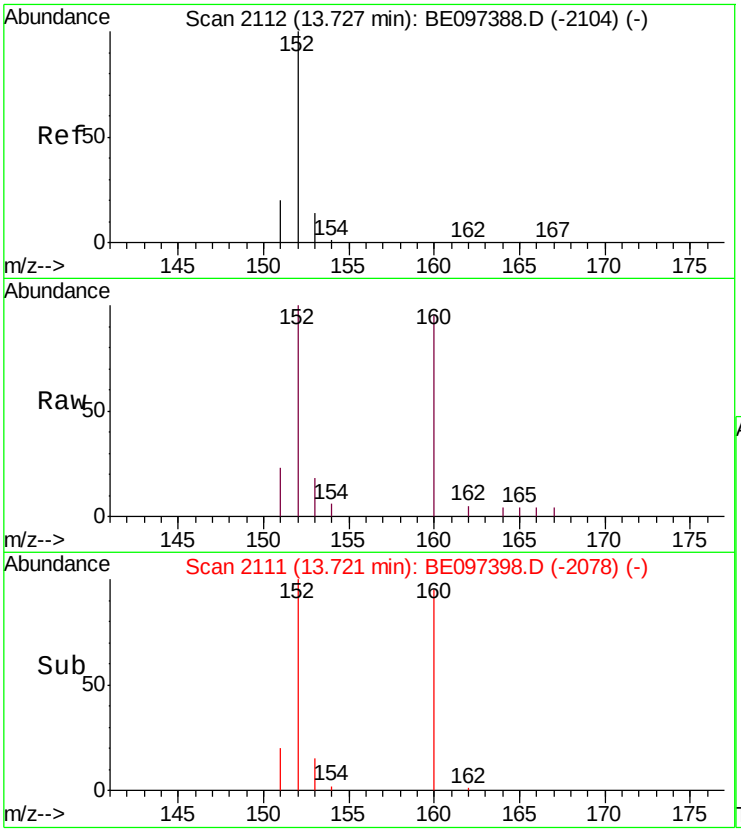


#5
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 11.79 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:142 Resp: 3230

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.6	108.8





#7
Acenaphthylene
Concen: 0.195 ng/ul
RT: 13.72 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:152 Resp: 2145

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.1	25.7
153	18.3	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
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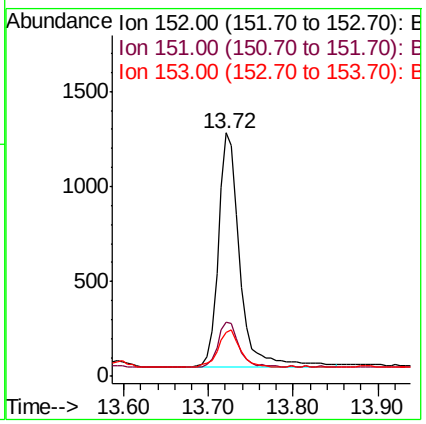
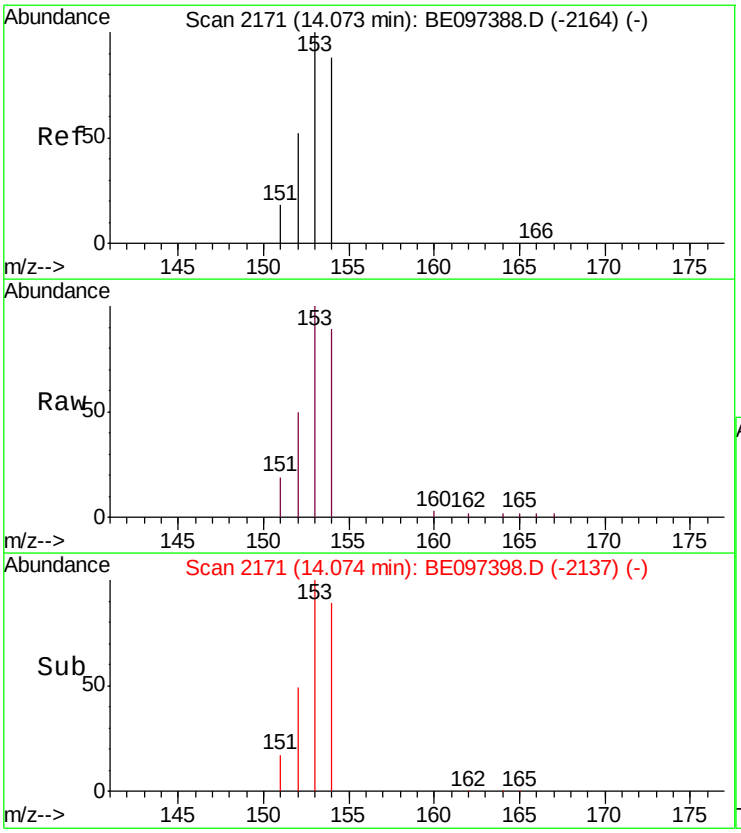
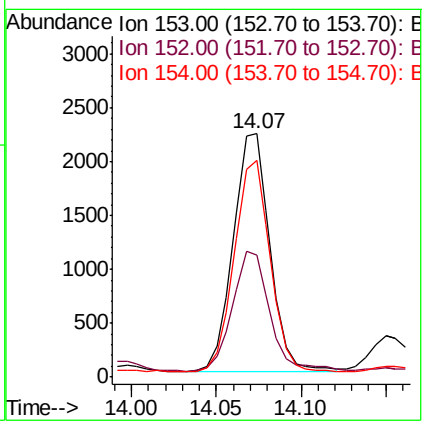


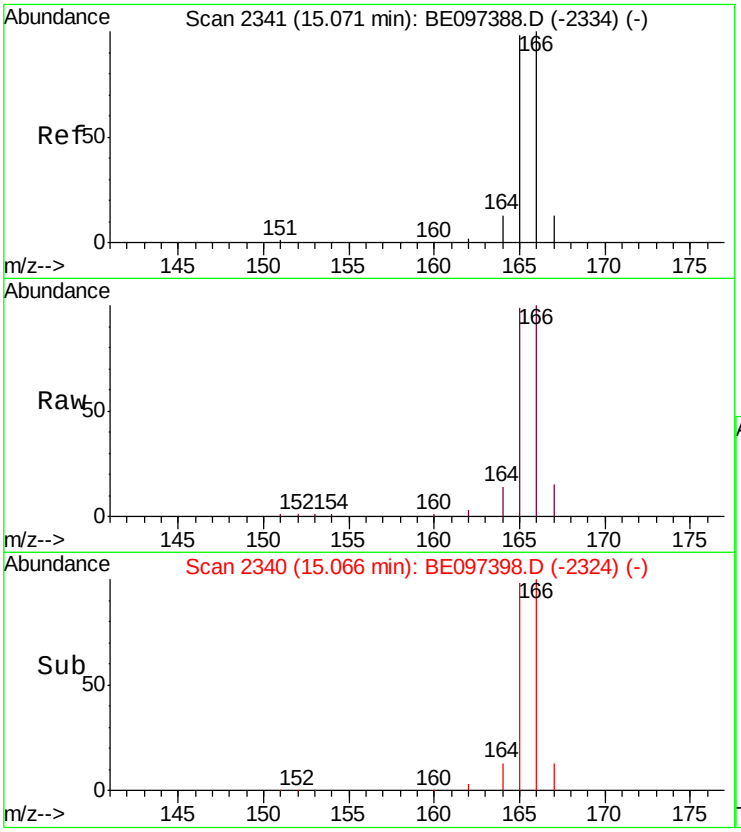


#8
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.07 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:153 Resp: 3318

Ion	Ratio	Lower	Upper
153	100		
152	50.4	36.0	54.0
154	89.3	72.0	108.0

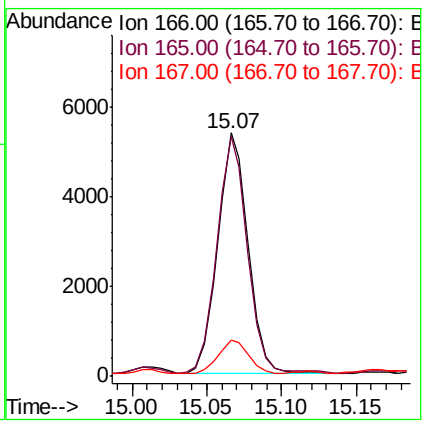




#9
Fluorene
Concen: 0.705 ng/ul
RT: 15.07 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:166 Resp: 7629

Ion	Ratio	Lower	Upper
166	100		
165	98.7	73.4	110.2
167	14.7	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
A3Z33DL

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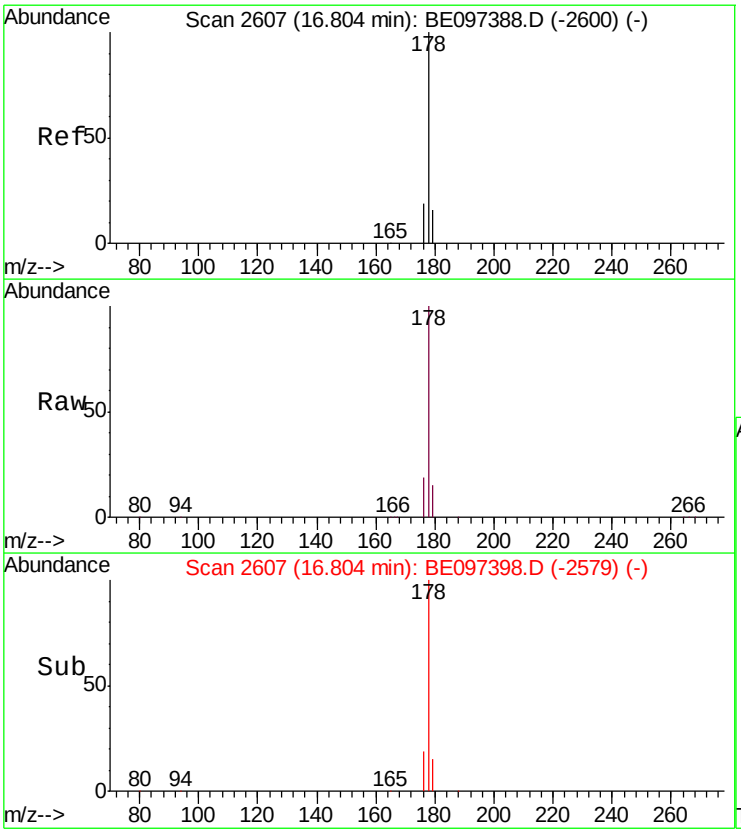
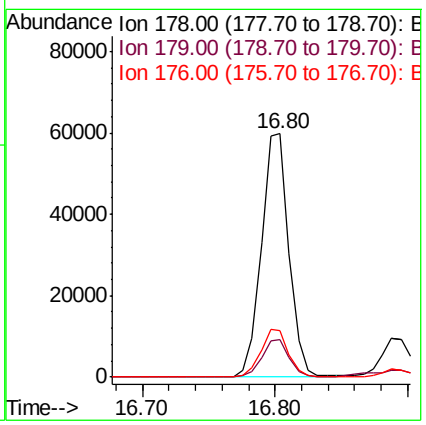
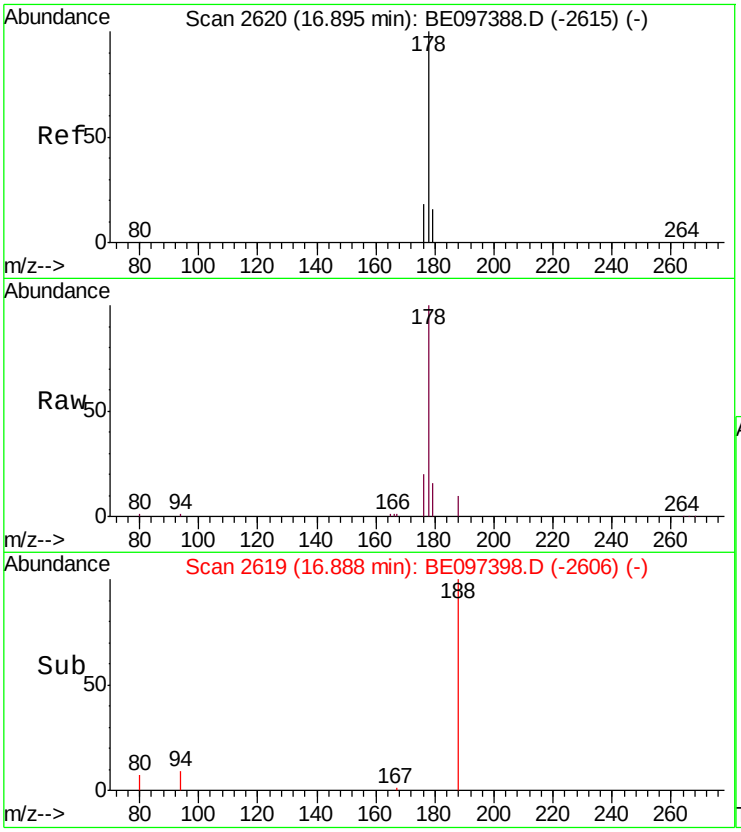


#12
Phenanthrene
Concen: 4.152 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:178 Resp: 86438

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	18.9	13.6	20.4

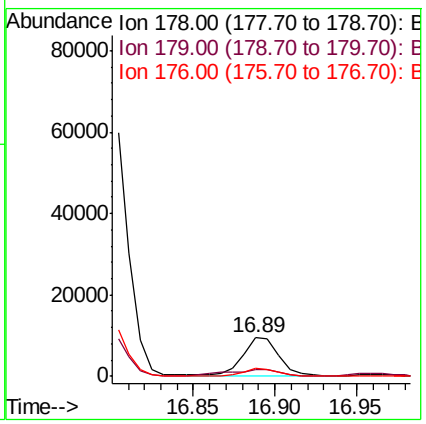




#13
Anthracene
Concen: 0.799 ng/ul
RT: 16.89 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:178 Resp: 13994

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	19.5	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
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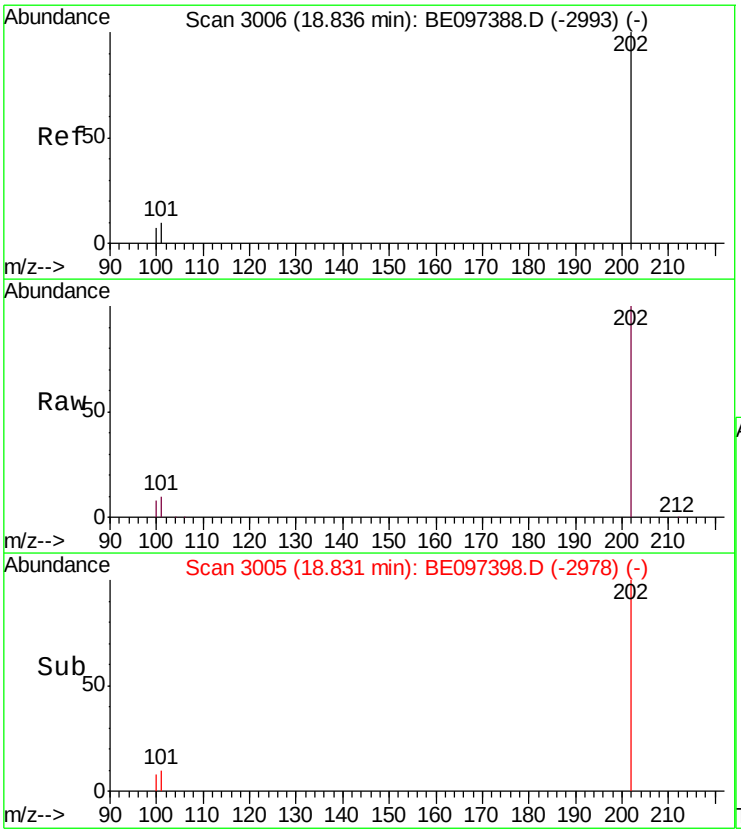
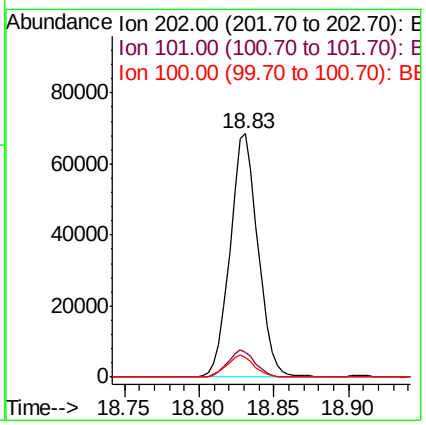
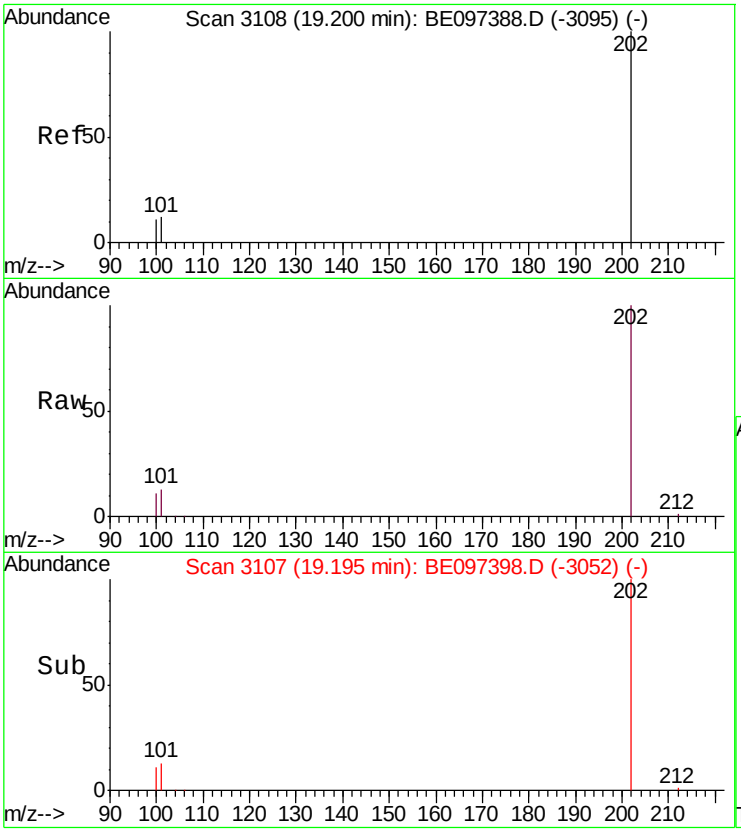


#15
Fluoranthene
Concen: 3.304 ng/ul
RT: 18.83 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:202 Resp: 88379

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.1	0.0	39.5





#17
Pyrene
Concen: 2.917 ng/ul
RT: 19.19 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:202 Resp: 82190

Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	10.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
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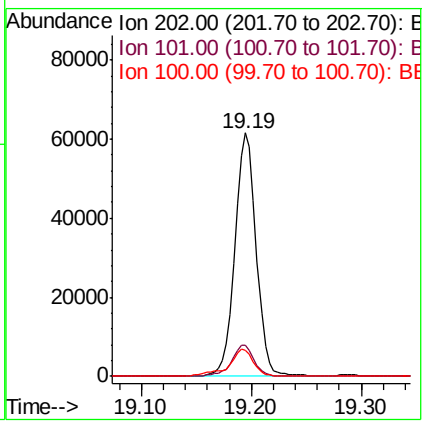
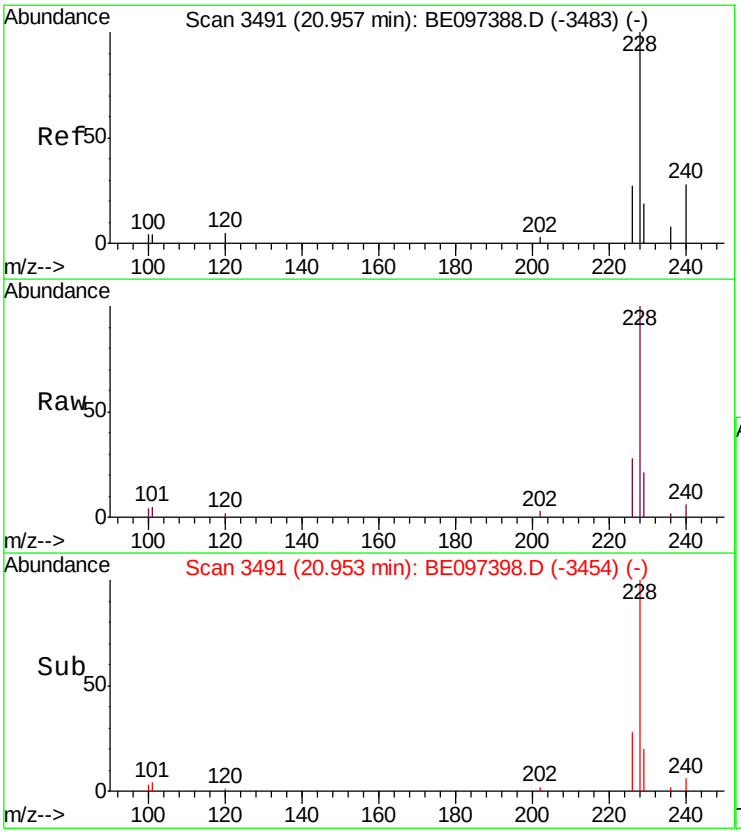
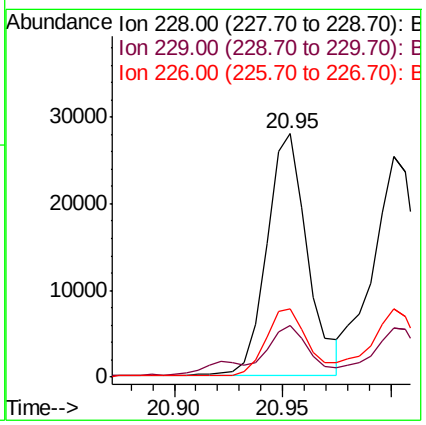


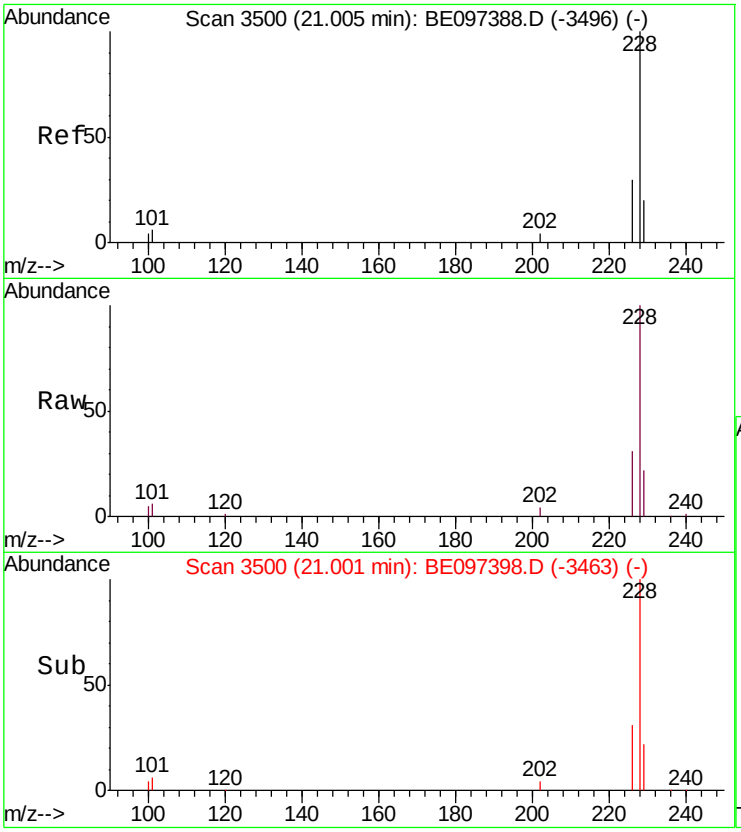


#18
Benzo(a)anthracene
Concen: 1.341 ng/ul
RT: 20.95 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:228 Resp: 36078

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	28.2	17.0	25.6#

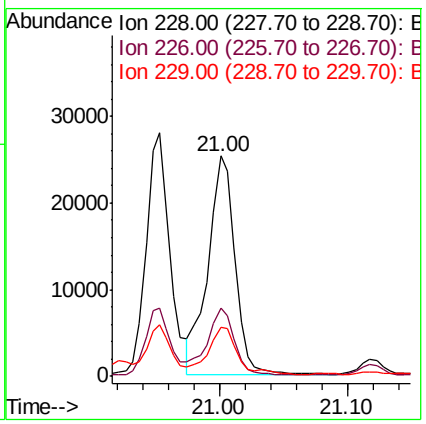




#19
Chrysene
Concen: 1.194 ng/ul
RT: 21.00 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:228 Resp: 36994

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	22.4	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
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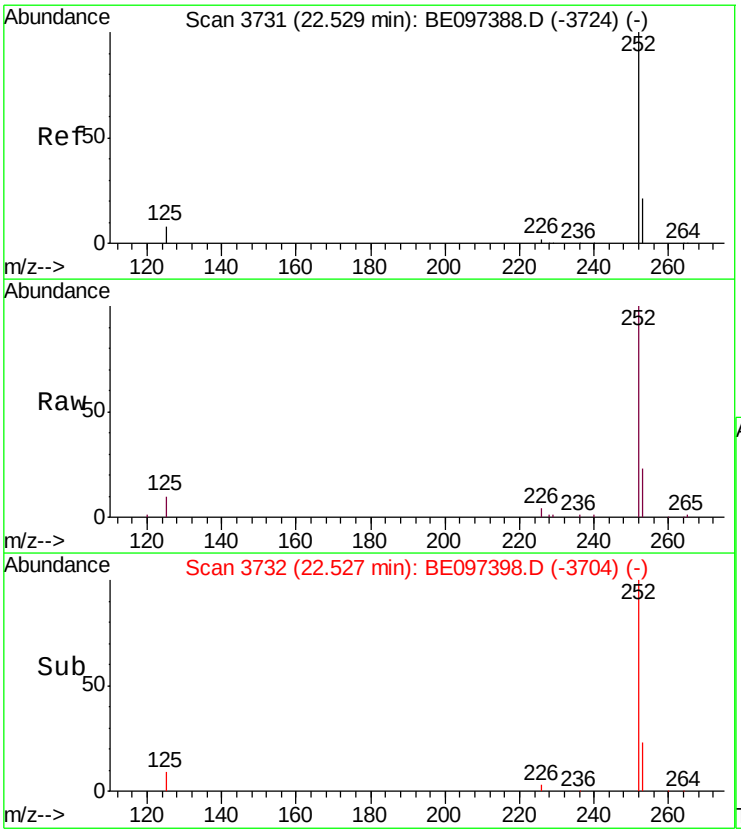
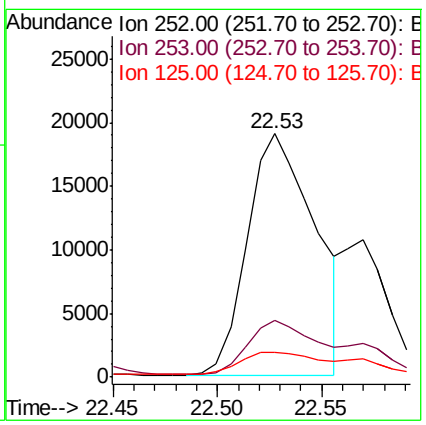
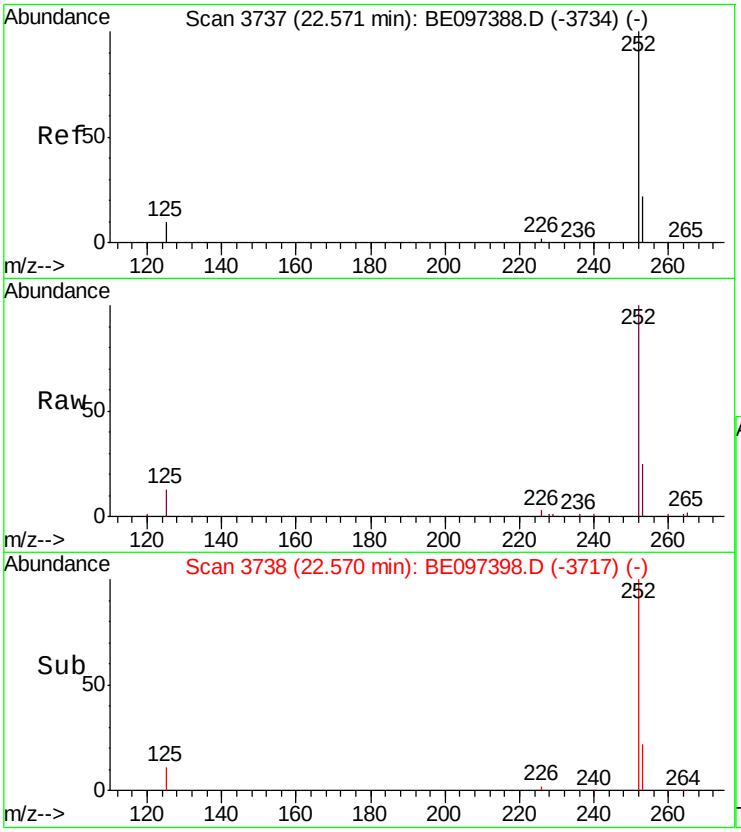


#21
Benzo(b)fluoranthene
Concen: 1.678 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:252 Resp: 42817

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	10.4	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.534 ng/ul m
RT: 22.57 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:252 Resp: 15191

Ion	Ratio	Lower	Upper
252	100		
253	24.9	24.5	36.7
125	13.1	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
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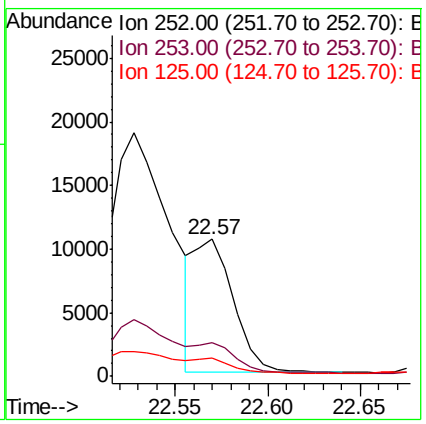
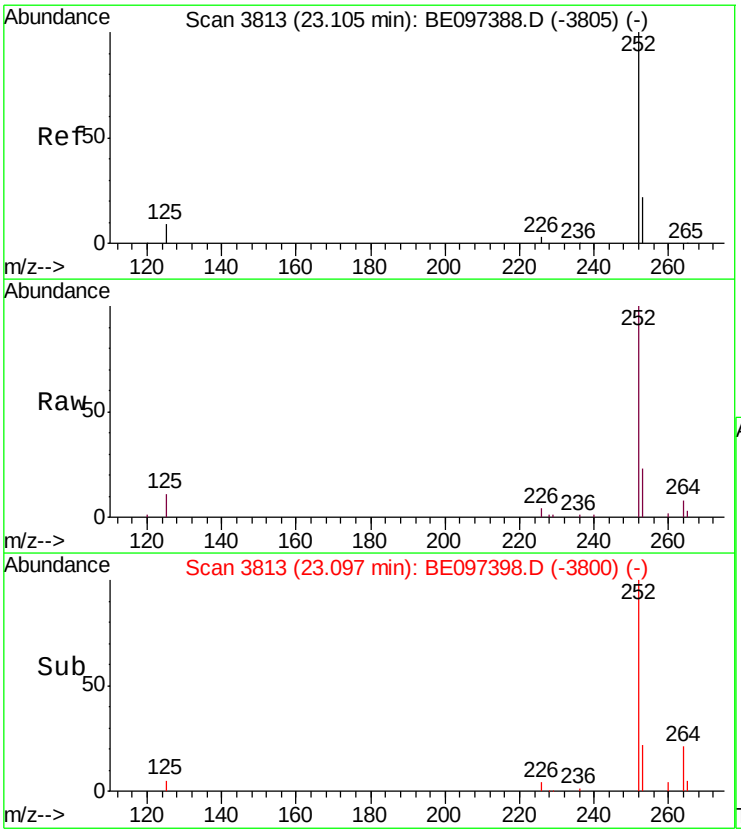
8/30/2018 5:37:00 PM

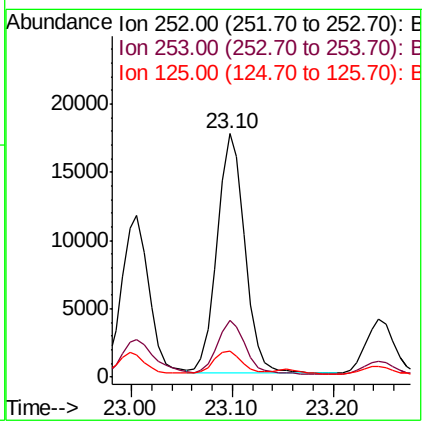


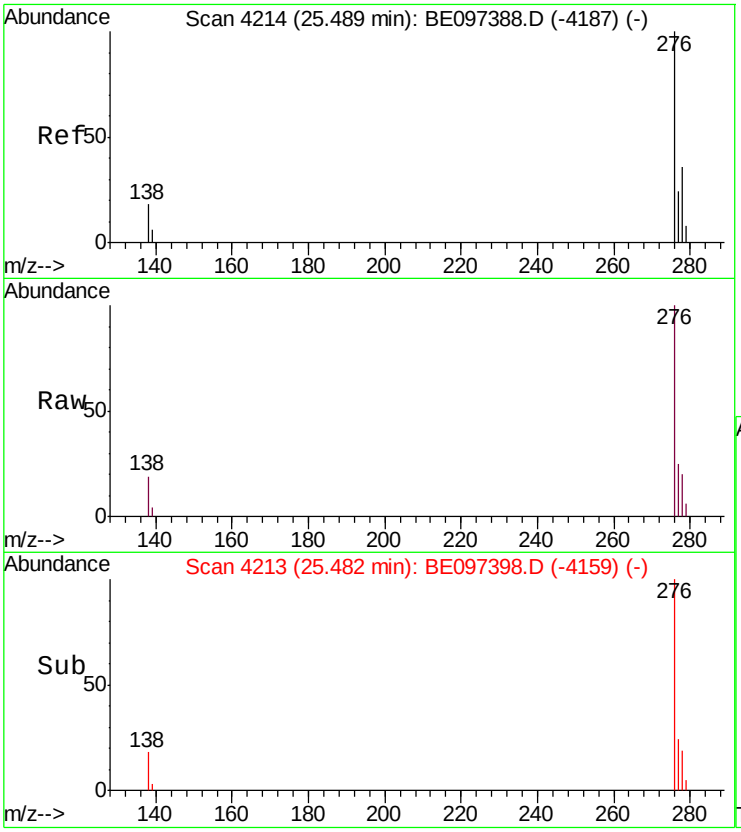


#23
Benzo(a)pyrene
Concen: 1.407 ng/ul
RT: 23.10 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:252 Resp: 33222

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	10.8	18.1	27.1#





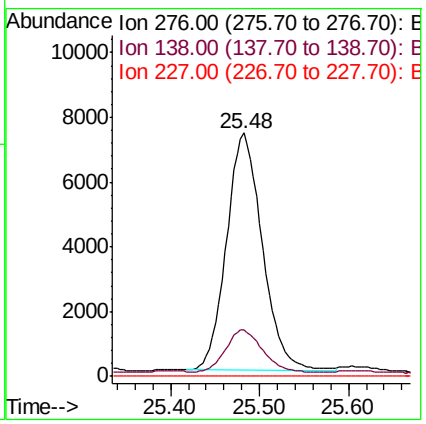
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.674 ng/ul
RT: 25.48 min Scan# 4213
Delta R.T. -0.01 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

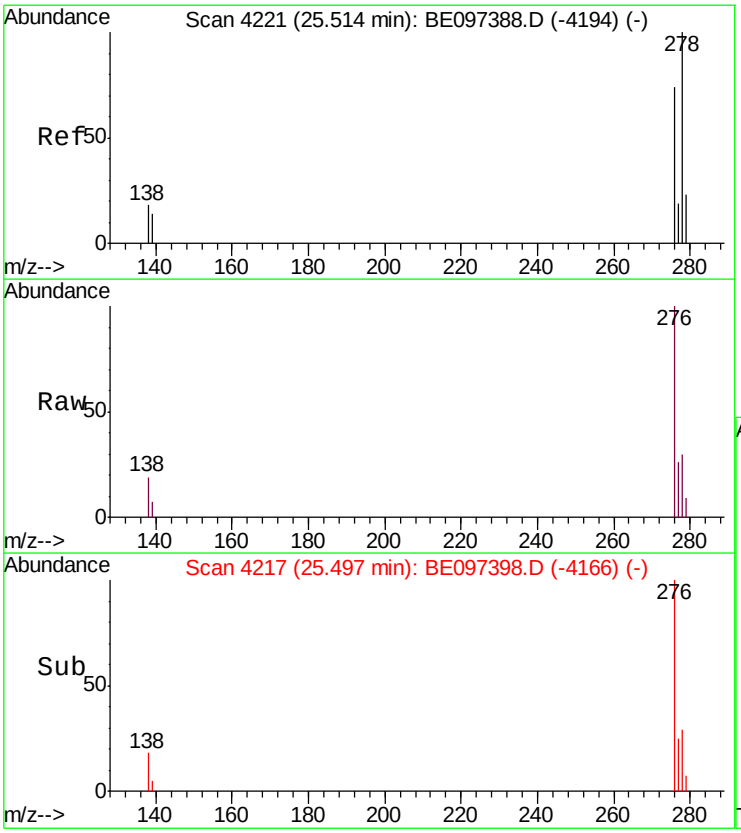
Tgt Ion:276 Resp: 20637

Ion	Ratio	Lower	Upper
276	100		
138	18.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
Sohil
8/30/2018 5:37:00 PM

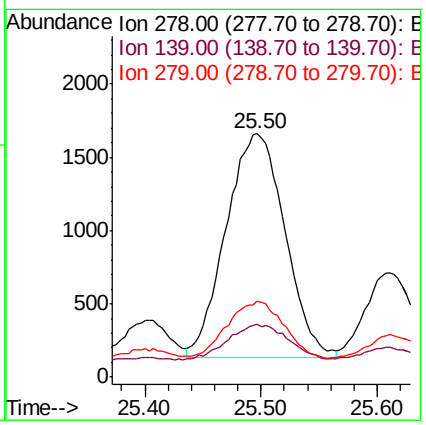


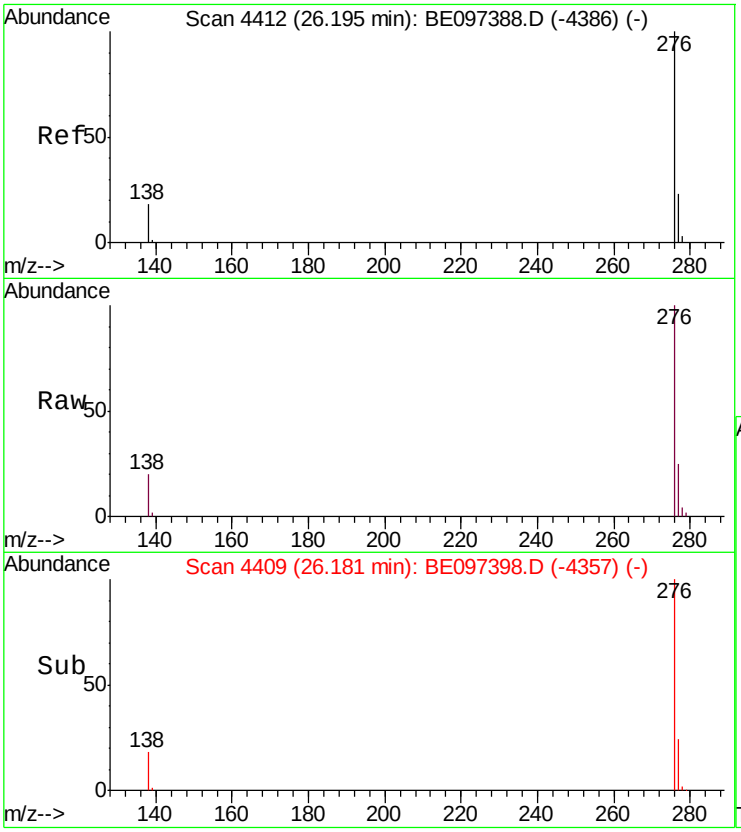


#25
Dibenzo(a,h)anthracene
Concen: 0.208 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.02 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:278 Resp: 5384

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.4	26.0
279	31.3	25.9	38.9

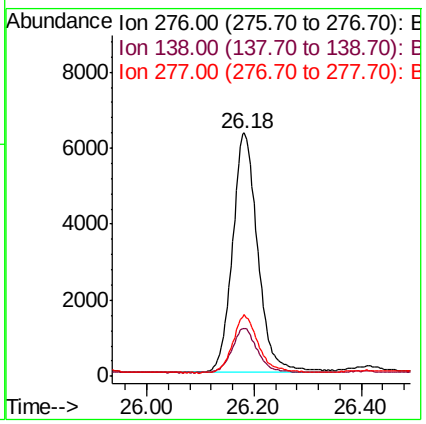




#26
Benzo(g,h,i)perylene
Concen: 0.792 ng/ul
RT: 26.18 min Scan# 4409
Delta R.T. -0.01 min
Lab File: BE097398.D
Acq: 29 Aug 2018 20:32

Tgt Ion:276 Resp: 20651

Ion	Ratio	Lower	Upper
276	100		
138	19.5	21.8	32.8#
277	25.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3Z33DL

Manual Integrations APPROVED
Sohil
8/30/2018 5:37:00 PM