Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097174.D
Acq On : 3 Aug 2018 10:32
Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0CZ8

Manual Integrations APPROVED
Sohil
8/6/2018 4:32:18 PM

Quant Time: Aug 03 12:01:06 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 : Fri Aug 03 11:26:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1490	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7816	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5006	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11337m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12310m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11422m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3698	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	10627m	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	1929	0.102	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	1392	0.111	ng/ul	98
7) Acenaphthylene	13.74	152	978	0.045	ng/ul#	73
8) Acenaphthene	14.08	153	19204	1.227	ng/ul	96
9) Fluorene	15.08	166	12356	0.687	ng/ul	92
12) Phenanthrene	16.81	178	235607m	8.152	ng/ul	
13) Anthracene	16.90	178	67232m	2.494	ng/ul	
15) Fluoranthene	18.84	202	775921m	20.311	ng/ul	
17) Pyrene	19.21	202	736006	22.313	ng/ul#	78
18) Benzo(a)anthracene	20.96	228	450432m	12.805	ng/ul	
19) Chrysene	21.01	228	423147	11.674	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	636828m	20.456	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	219350m	6.535	ng/ul	
23) Benzo(a)pyrene	23.12	252	472794m	15.177	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	318714m	8.175	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	75878m	2.378	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	281103m	8.343	ng/ul	

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

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Misc :
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QLast Update : Fri Aug 03 11:26:05 2018
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Instrument :
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Manual Integrations APPROVED
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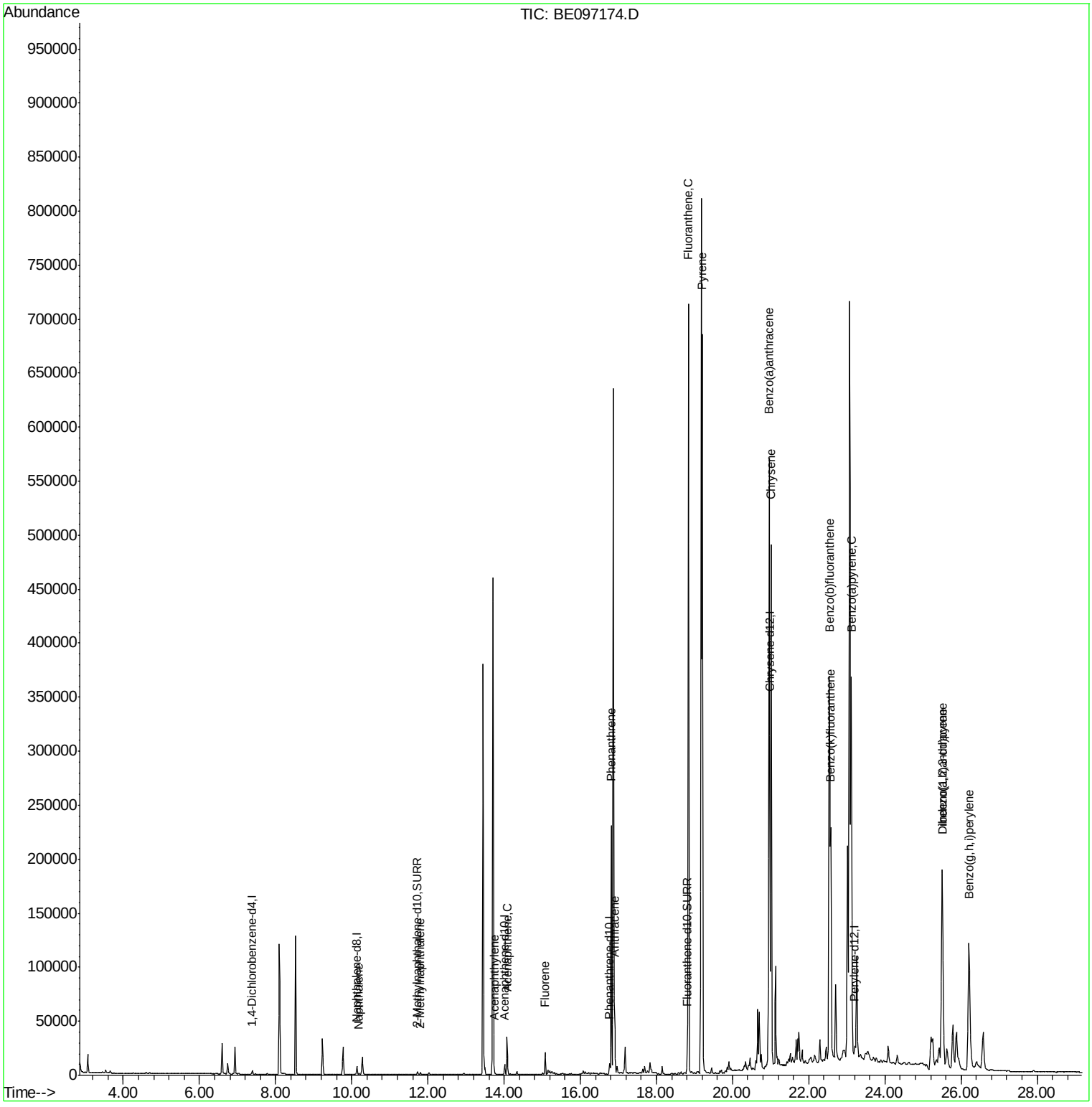
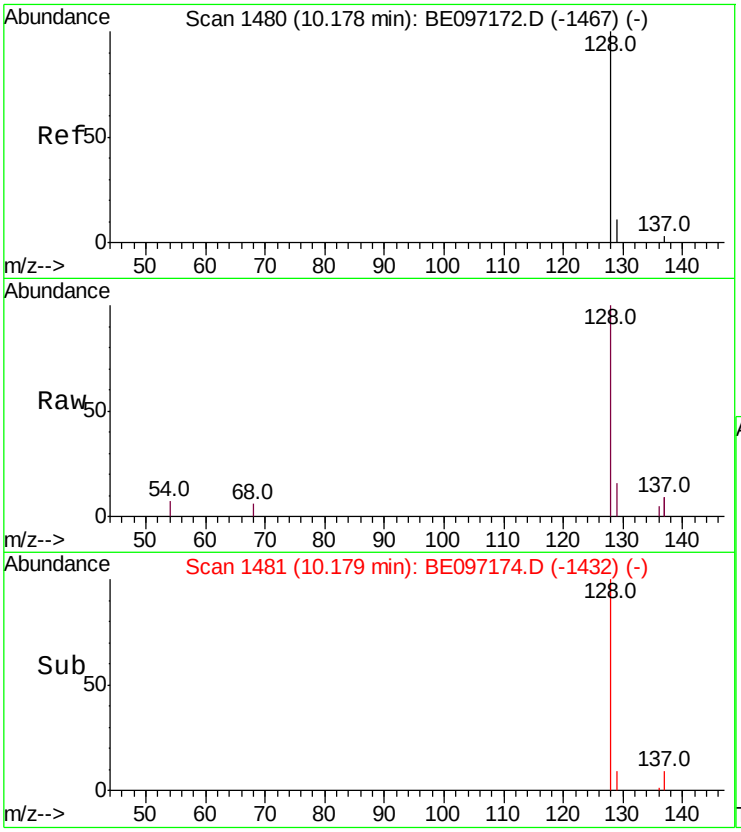
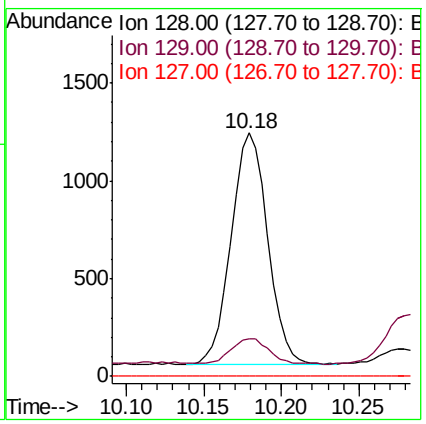




#3
Naphthalene
Concen: 0.102 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:128 Resp: 1929

Ion	Ratio	Lower	Upper
128	100		
129	15.5	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0CZ8

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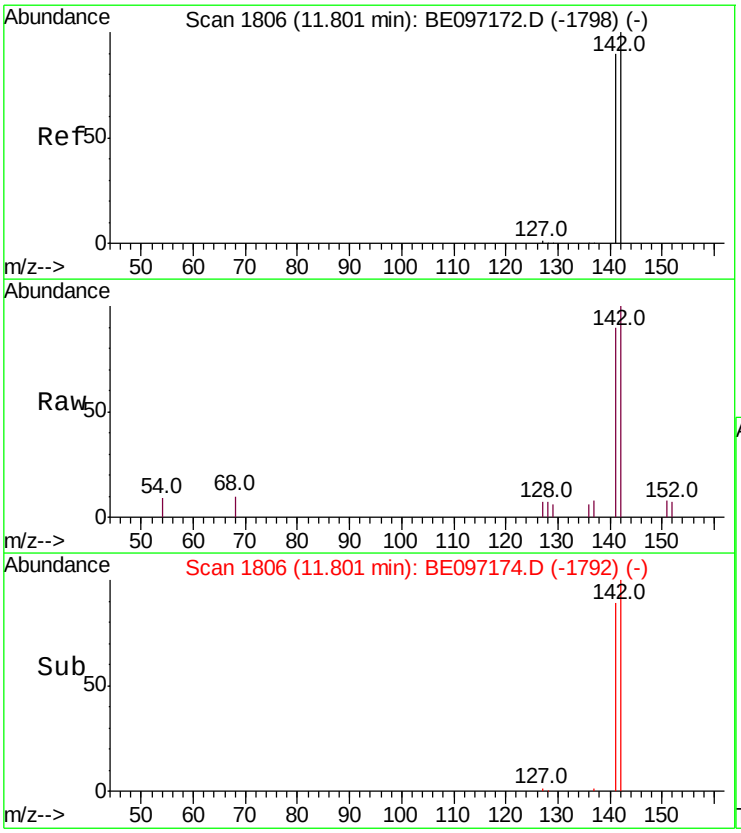
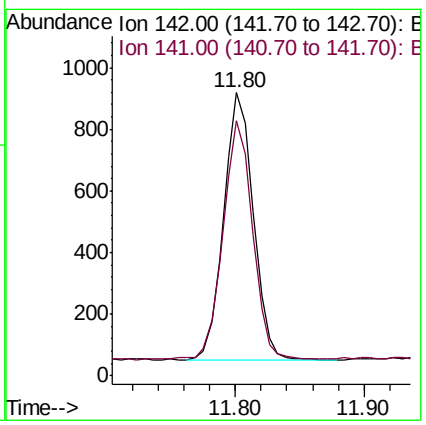
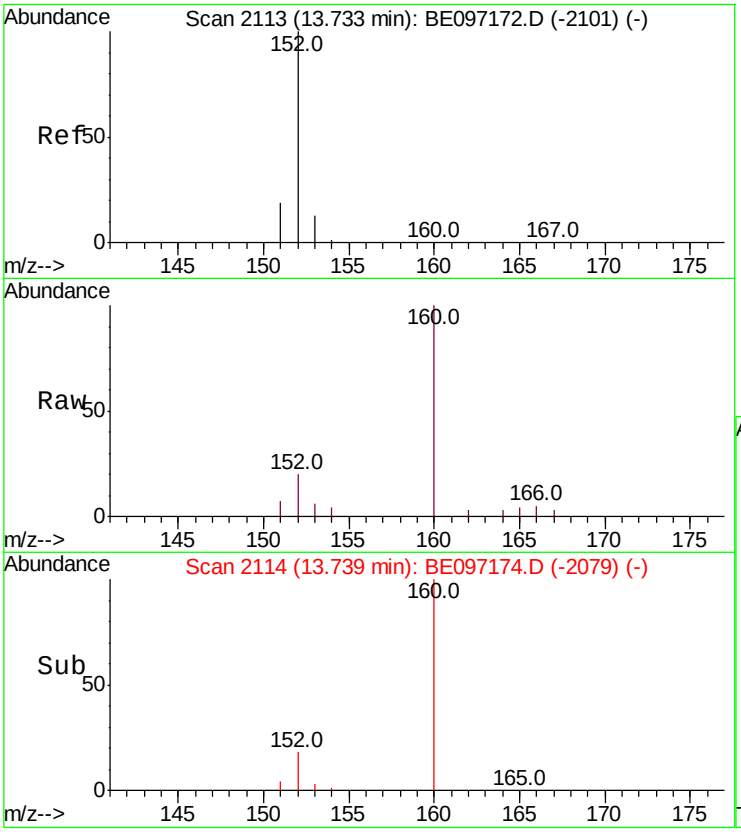


#5
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:142 Resp: 1392

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8

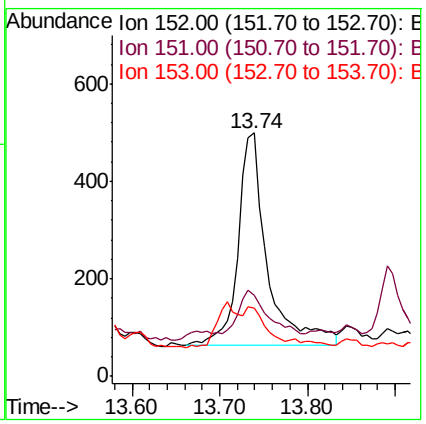




#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:152 Resp: 978

Ion	Ratio	Lower	Upper
152	100		
151	33.3	17.1	25.7#
153	28.1	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
C0CZ8

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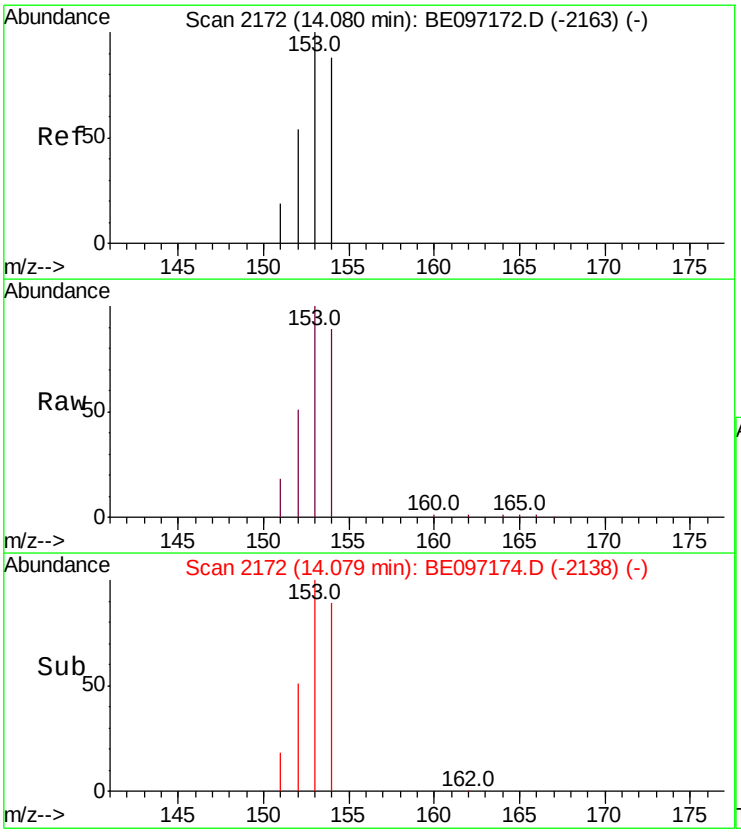
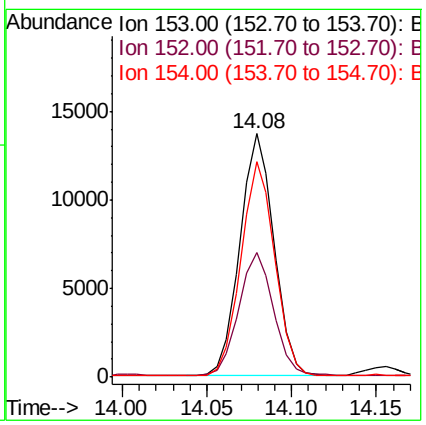
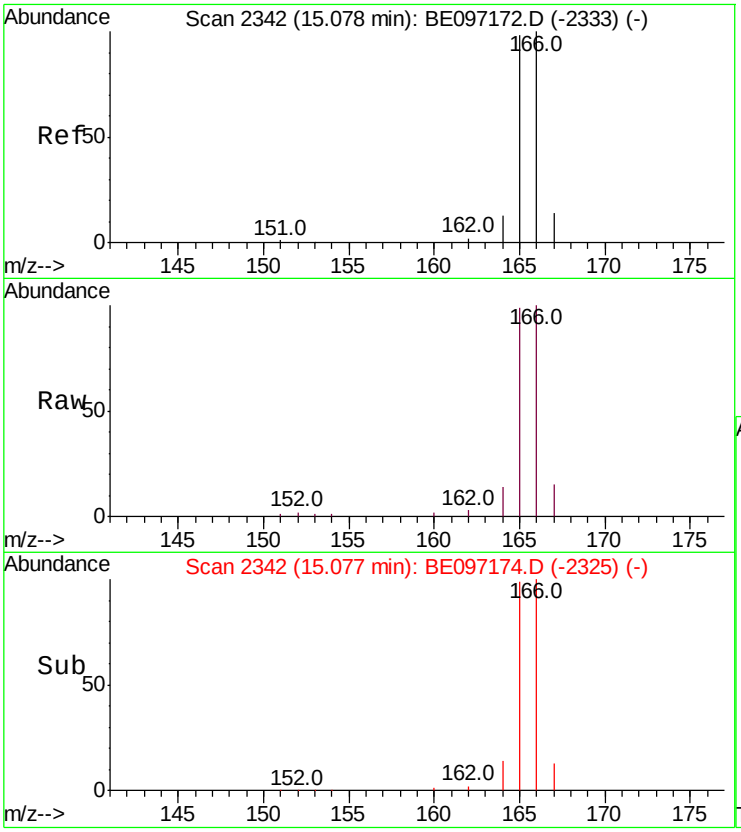


#8
Acenaphthene
Concen: 1.227 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:153 Resp: 19204

Ion	Ratio	Lower	Upper
153	100		
152	51.0	36.0	54.0
154	88.7	72.0	108.0

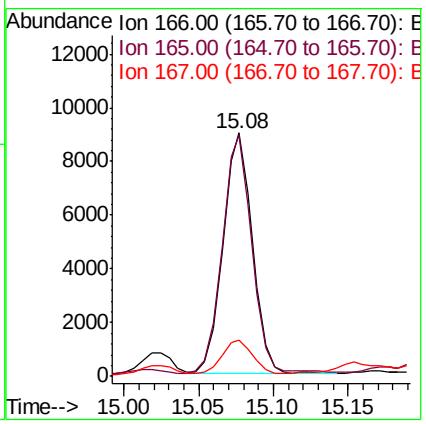




#9
Fluorene
Concen: 0.687 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:166 Resp: 12356

Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.4	110.2
167	15.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0CZ8

Manual Integrations APPROVED
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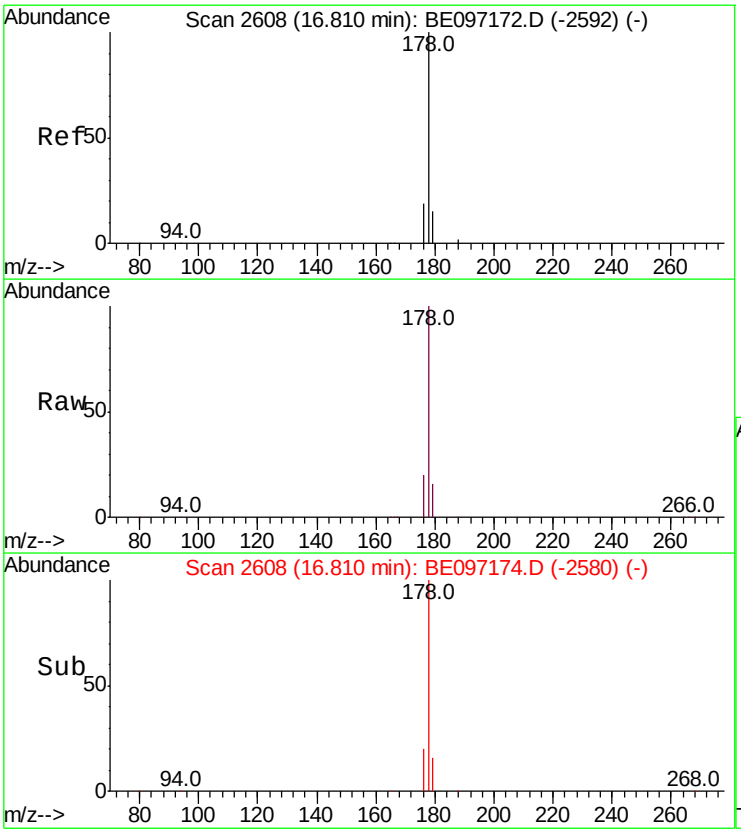
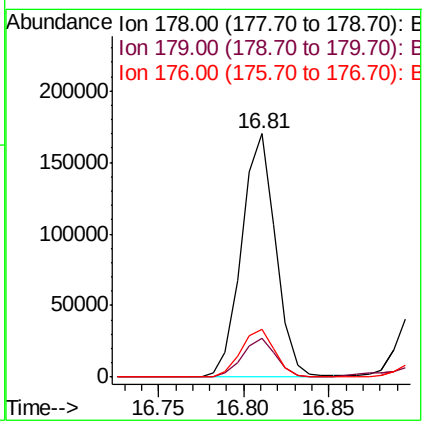
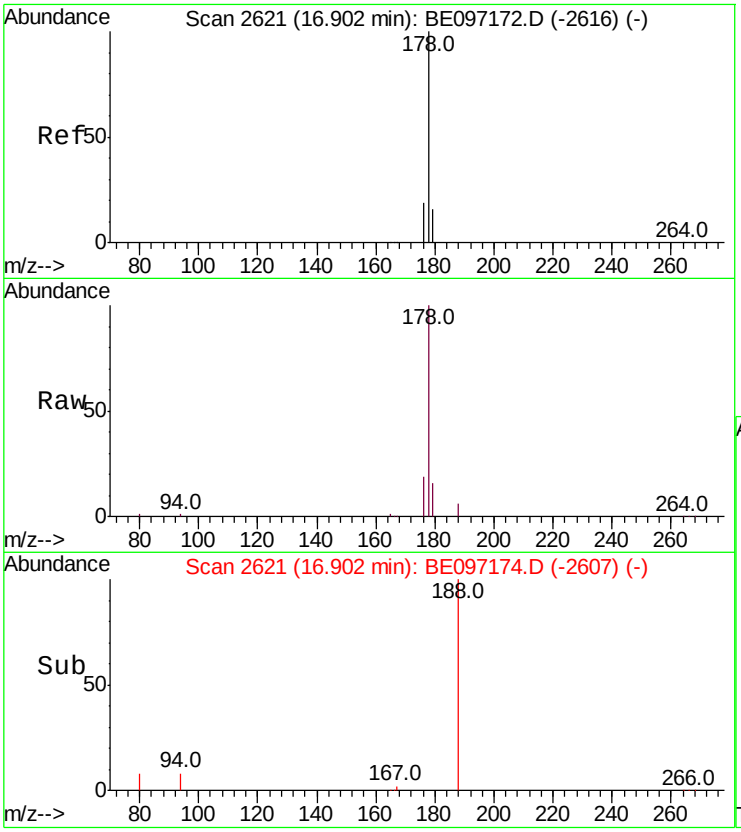


#12
Phenanthrene
Concen: 8.152 ng/ul m
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:178 Resp: 235607

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.6	13.6	20.4

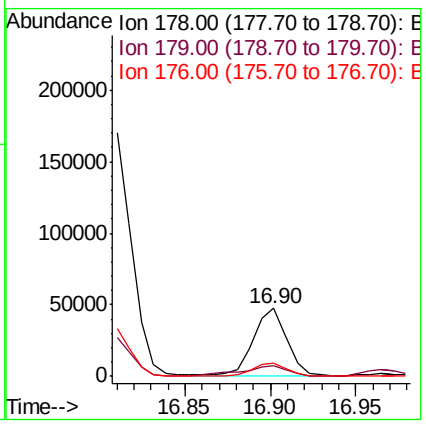




#13
Anthracene
Concen: 2.494 ng/ul m
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:178 Resp: 67232

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



Instrument :
BNA_E
ClientSampleId :
C0CZ8

Manual Integrations APPROVED
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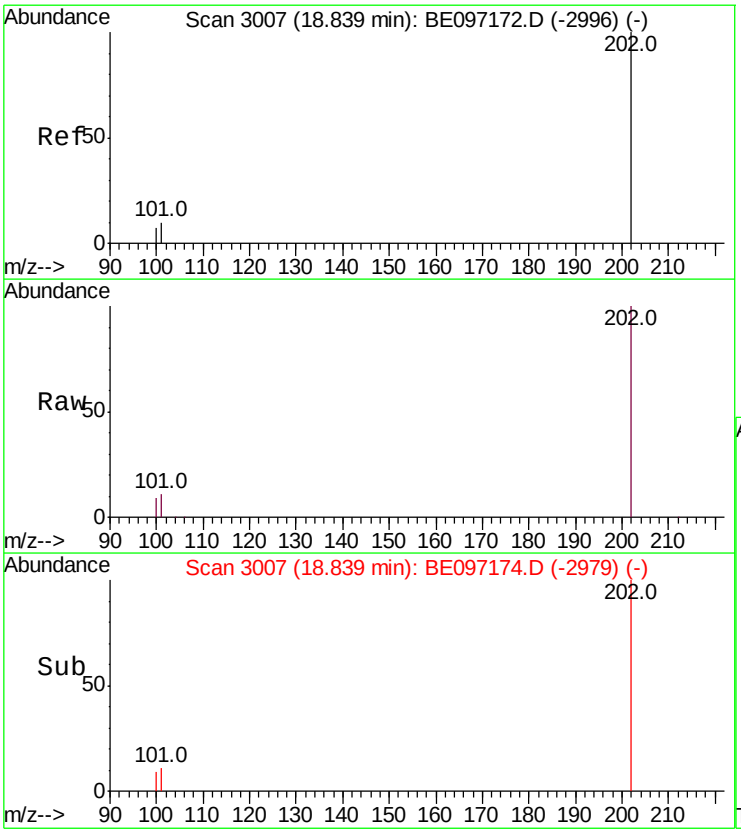
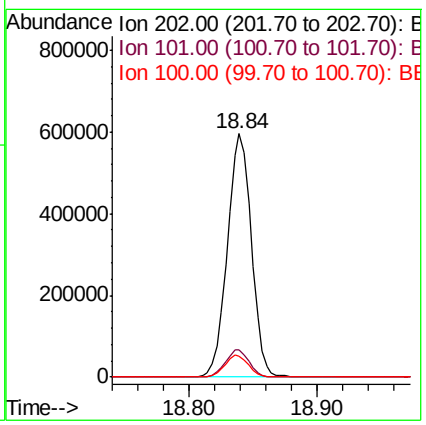
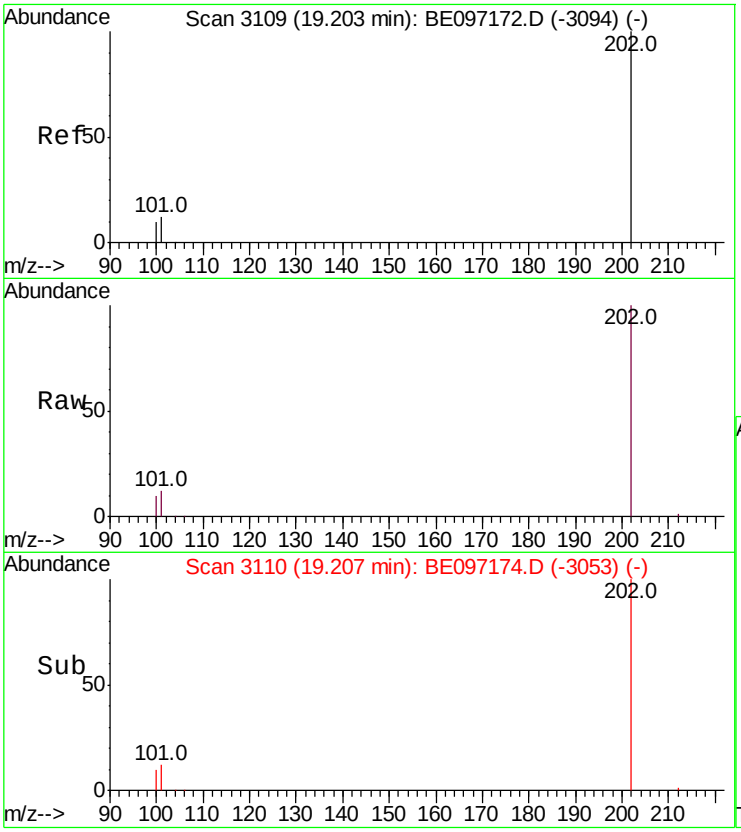


#15
Fluoranthene
Concen: 20.311 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:202 Resp: 775921

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	8.7	0.0	39.5





#17
Pyrene
Concen: 22.313 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:202 Resp: 736006

Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0CZ8

Manual Integrations APPROVED
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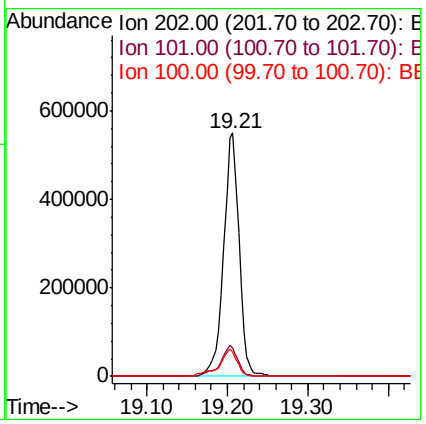
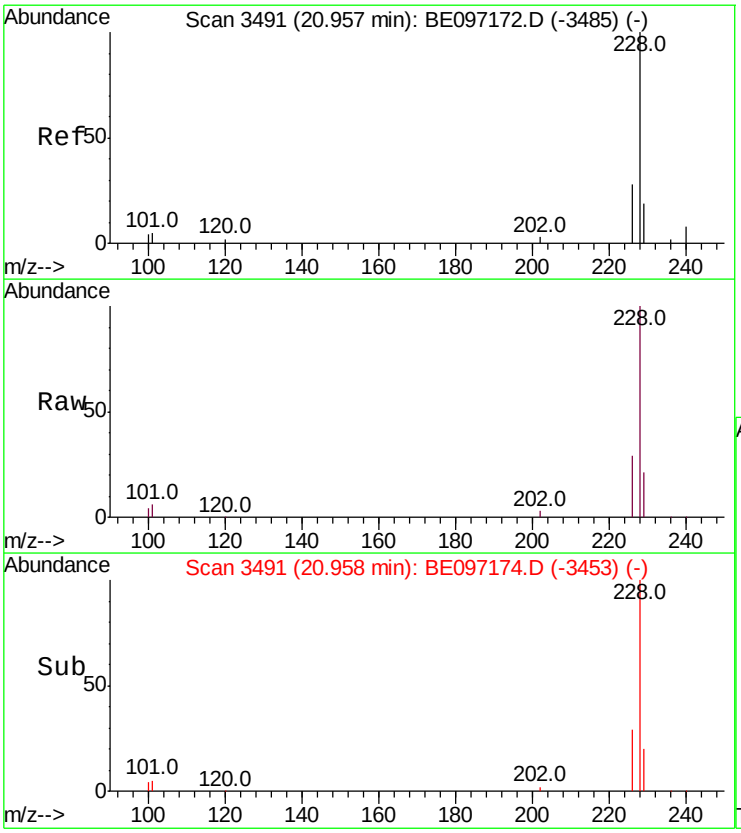
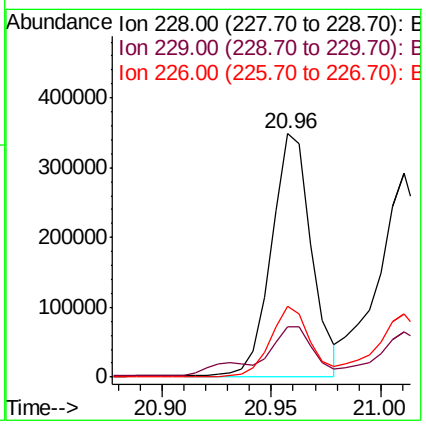


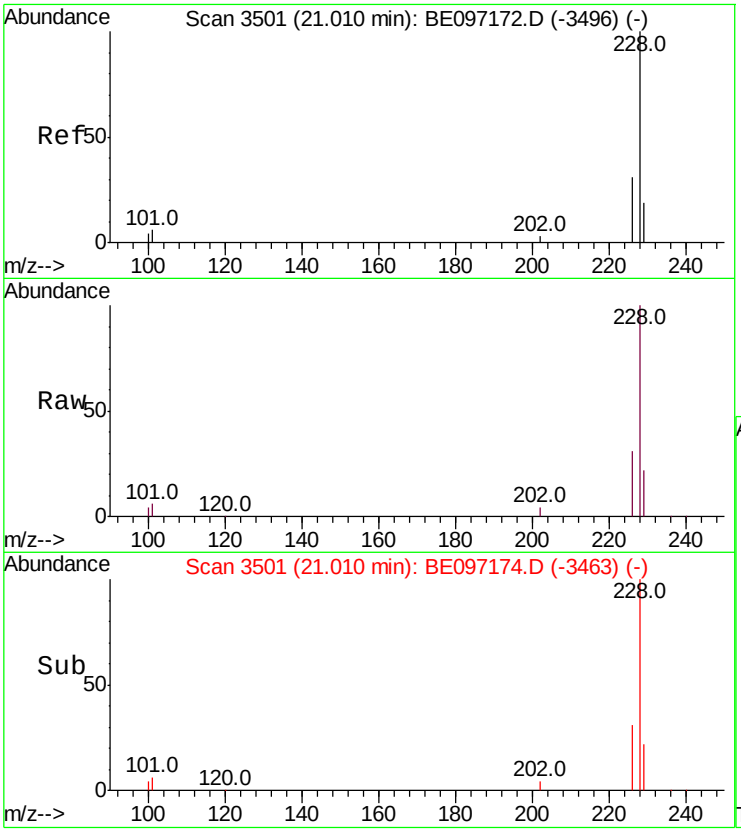


#18
Benzo(a)anthracene
Concen: 12.805 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:228 Resp: 450432

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	29.0	17.0	25.6#

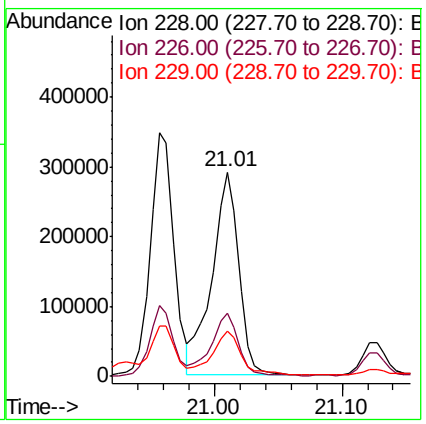




#19
Chrysene
Concen: 11.674 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:228 Resp: 423147

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.3	17.7	26.5



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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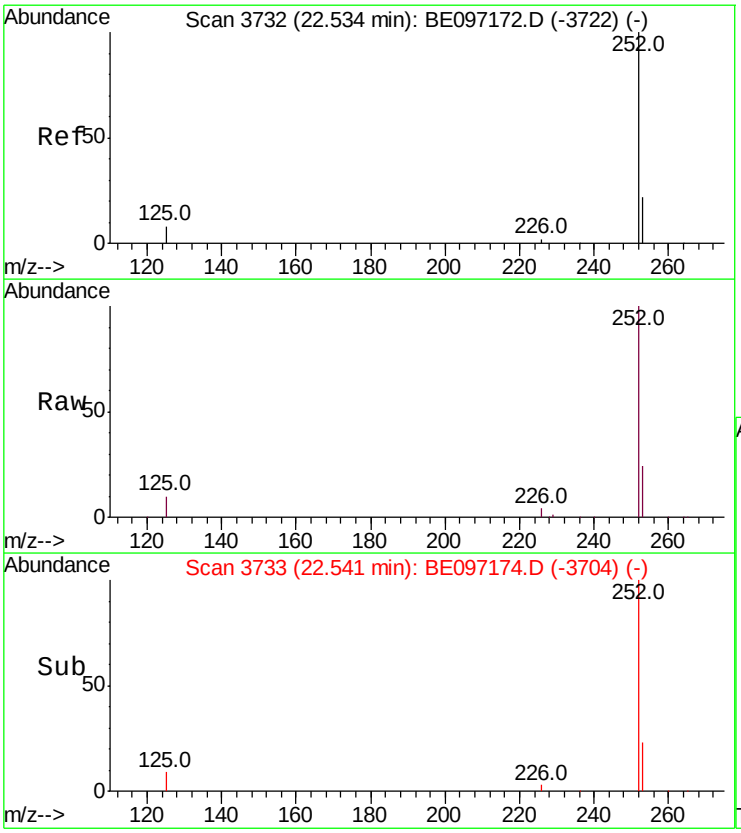
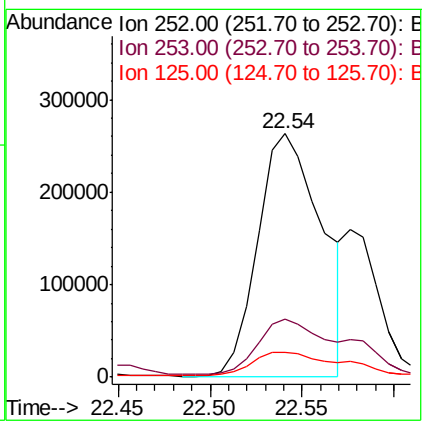
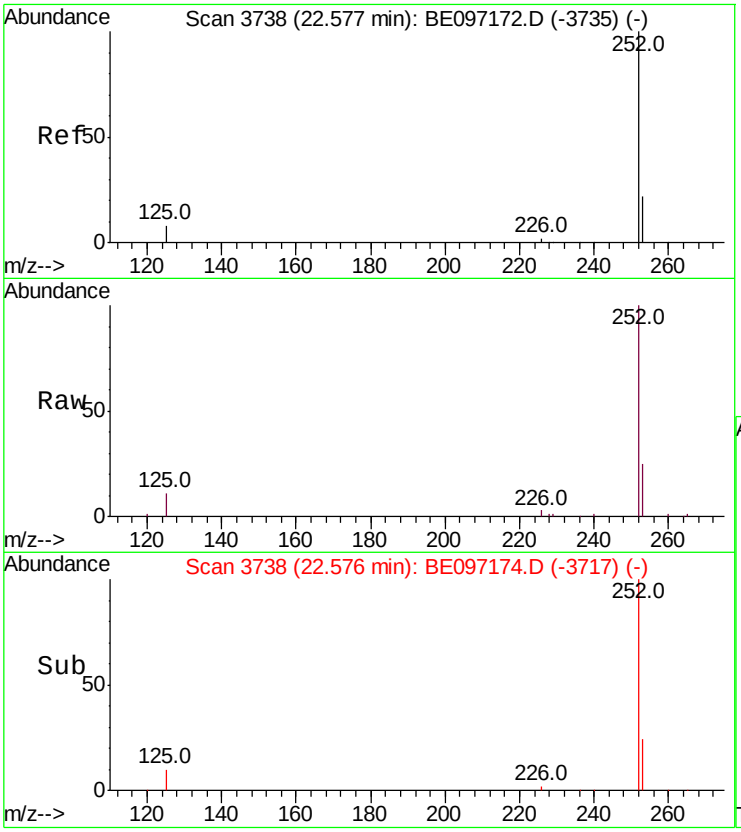


#21
Benzo(b)fluoranthene
Concen: 20.456 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:252 Resp: 636828

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	64.2
125	10.1	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 6.535 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:252 Resp: 219350

Ion	Ratio	Lower	Upper
252	100		
253	25.2	24.5	36.7
125	10.5	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0CZ8

Manual Integrations APPROVED
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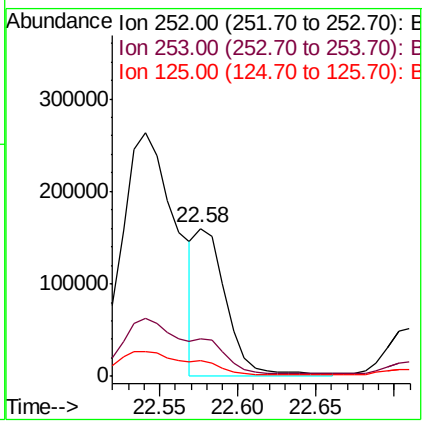
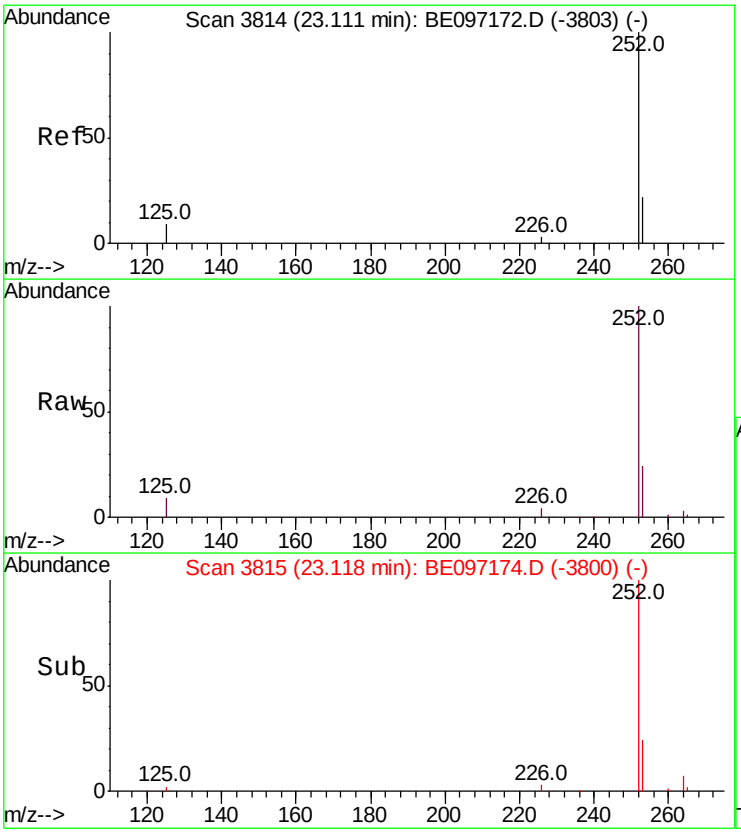
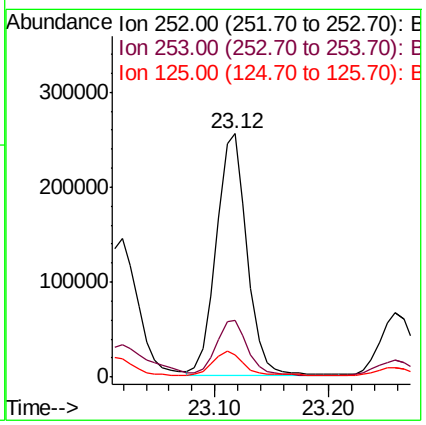


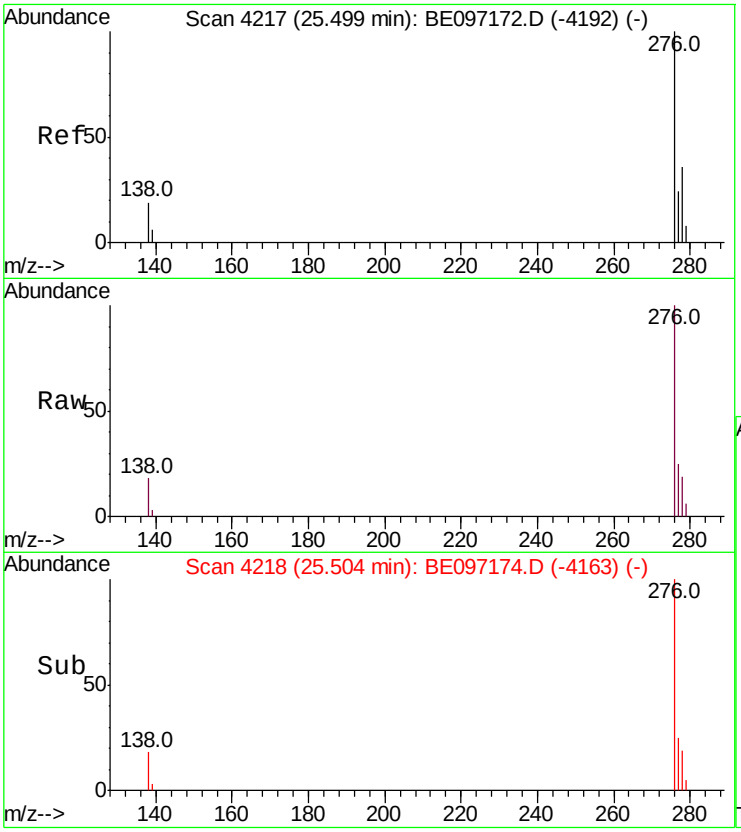


#23
Benzo(a)pyrene
Concen: 15.177 ng/ul m
RT: 23.12 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:252 Resp: 472794

Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	9.2	18.1	27.1#

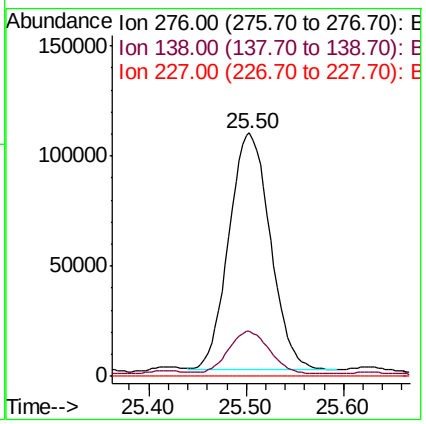




#24
Indeno(1,2,3-cd)pyrene
Concen: 8.175 ng/ul m
RT: 25.50 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:276 Resp: 318714

Ion	Ratio	Lower	Upper
276	100		
138	2.3	28.0	42.0#
227	0.0	8.0	12.0#



Instrument :
BNA_E
ClientSampleId :
C0CZ8

Manual Integrations APPROVED
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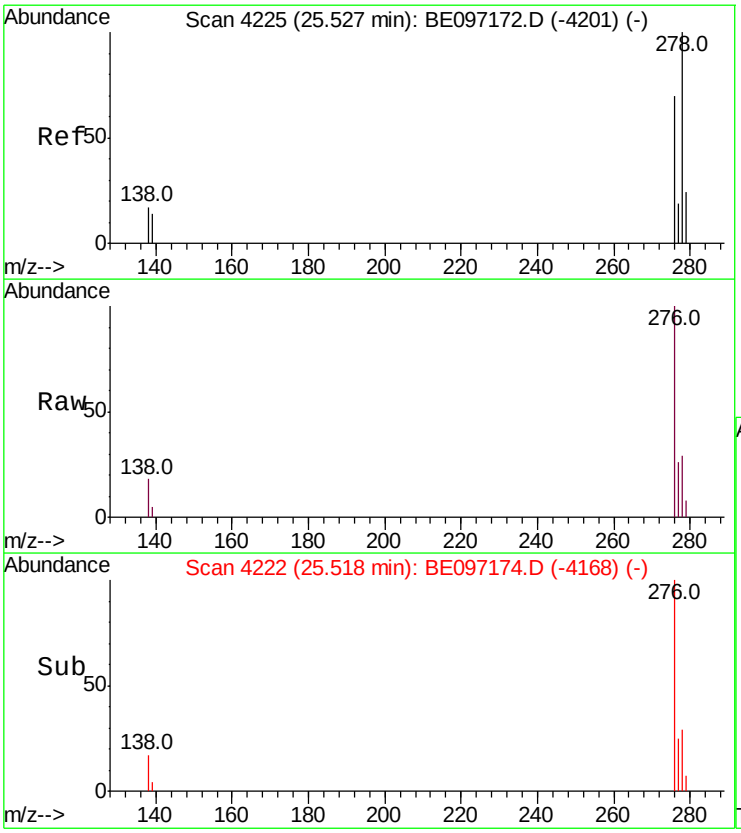
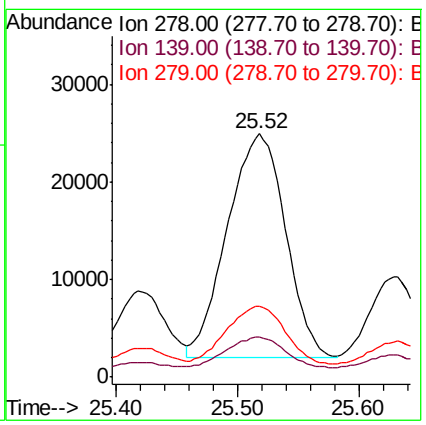
8/6/2018 4:32:18 PM

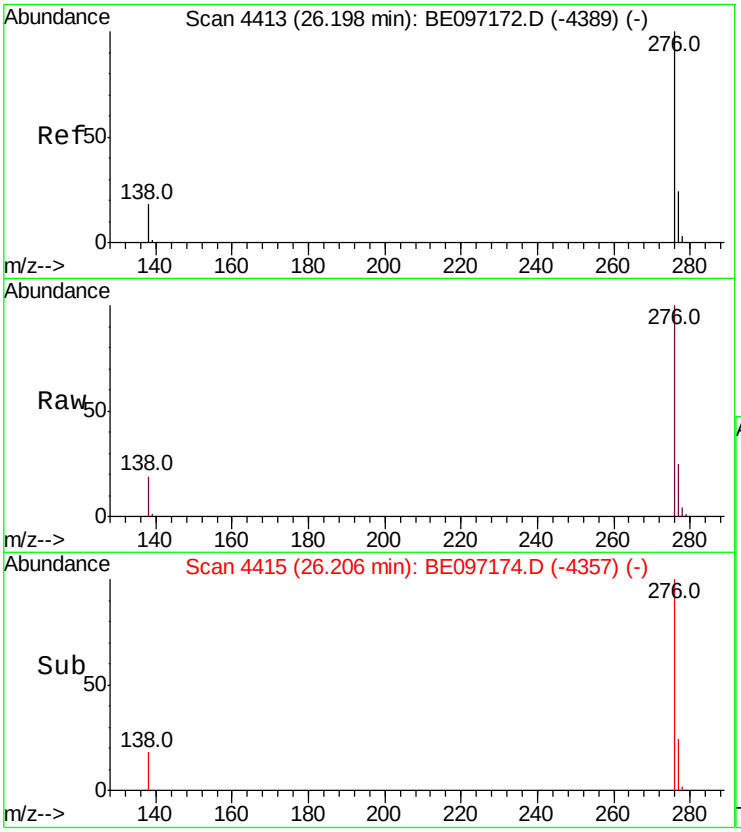


#25
Dibenzo(a,h)anthracene
Concen: 2.378 ng/ul m
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:278 Resp: 75878

Ion	Ratio	Lower	Upper
278	100		
139	16.4	17.4	26.0#
279	29.1	25.9	38.9

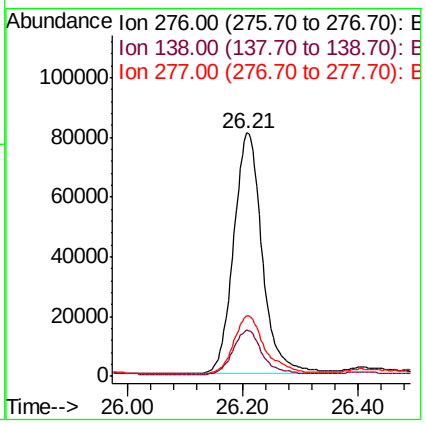




#26
Benzo(g,h,i)perylene
Concen: 8.343 ng/ul m
RT: 26.21 min Scan# 4415
Delta R.T. 0.01 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:276 Resp: 281103

Ion	Ratio	Lower	Upper
276	100		
138	18.9	21.8	32.8#
277	24.8	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0CZ8

Manual Integrations APPROVED
Sohil
8/6/2018 4:32:18 PM