Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097437.D
Acq On : 8 Sep 2018 1:14
Operator : SJ/JU
Sample : J4688-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3YY1DL

Manual Integrations APPROVED
Sohil
9/11/2018 2:47:53 PM

Quant Time: Sep 08 04:07:44 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 : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1049	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5712	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3912	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9988	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11549	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	12138	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	429	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1413	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	1020	0.073	ng/ul#	87
5) 2-Methylnaphthalene	11.80	142	256	0.029	ng/ul	100
9) Fluorene	15.07	166	284	0.020	ng/ul#	77
12) Phenanthrene	16.80	178	3642	0.142	ng/ul#	95
13) Anthracene	16.89	178	775	0.036	ng/ul#	72
15) Fluoranthene	18.83	202	6506	0.197	ng/ul	84
17) Pyrene	19.20	202	6982	0.225	ng/ul#	82
18) Benzo(a)anthracene	20.95	228	3609	0.122	ng/ul#	78
19) Chrysene	21.00	228	5678	0.166	ng/ul#	78
21) Benzo(b)fluoranthene	22.53	252	13991m	0.430	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	3416m	0.094	ng/ul	
23) Benzo(a)pyrene	23.10	252	10026	0.333	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.49	276	9516	0.244	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.50	278	2268	0.069	ng/ul#	61
26) Benzo(g,h,i)perylene	26.19	276	10270	0.309	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
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Sample : J4688-06DL 5X
Misc :
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QLast Update : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3YY1DL

Manual Integrations APPROVED
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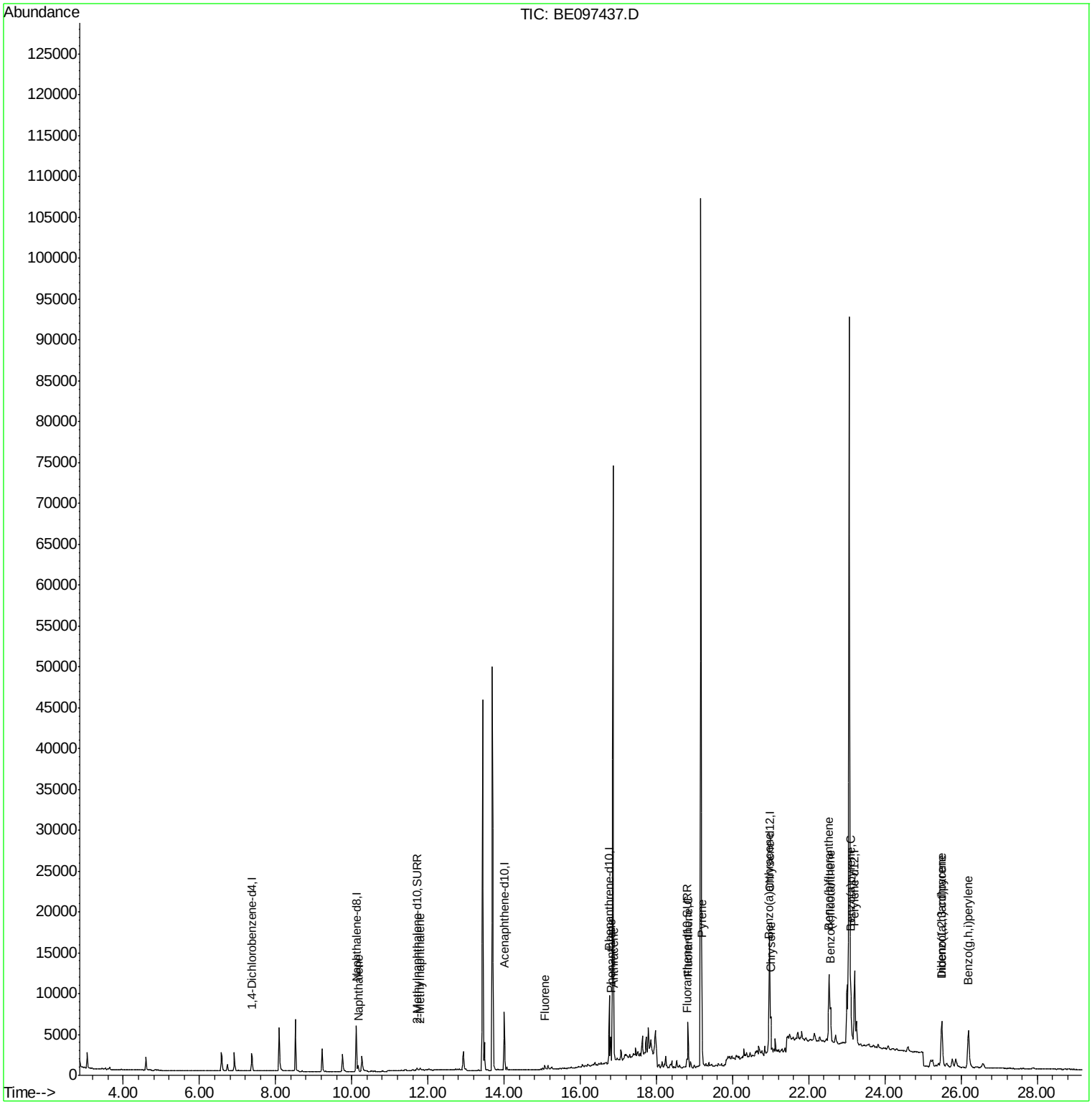

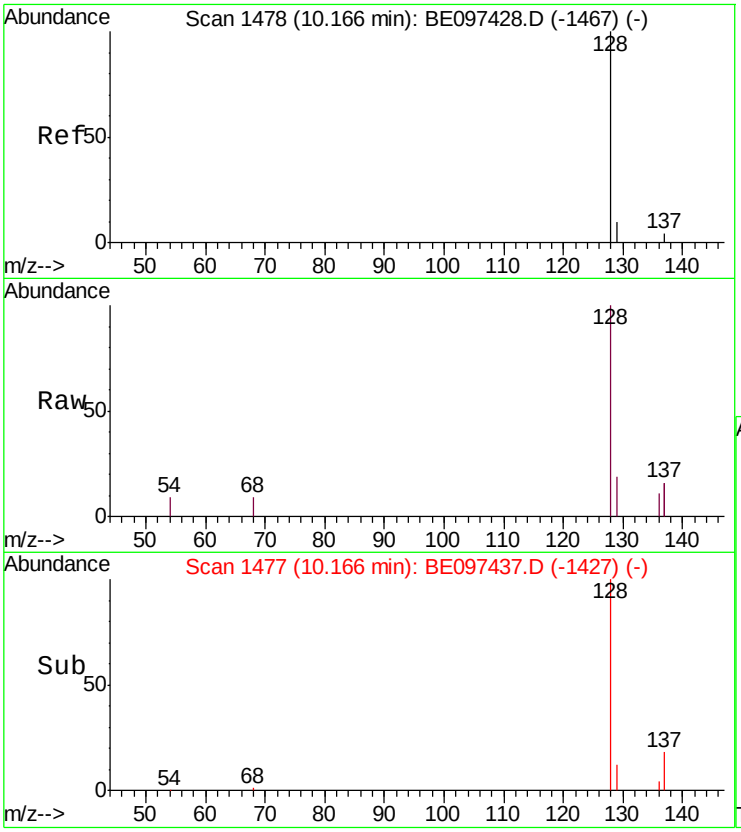

#3
Naphthalene
Concen: 0.073 ng/ul
RT: 10.17 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:128 Resp: 1020

Ion	Ratio	Lower	Upper
128	100		
129	19.1	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3YY1DL

Manual Integrations APPROVED
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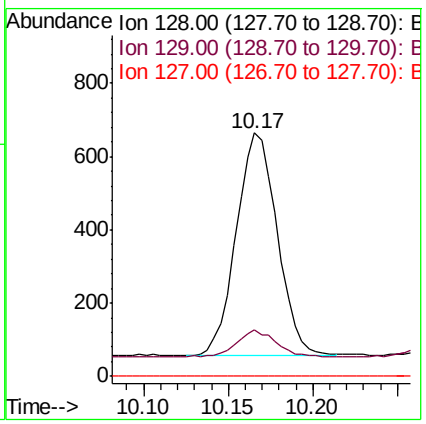
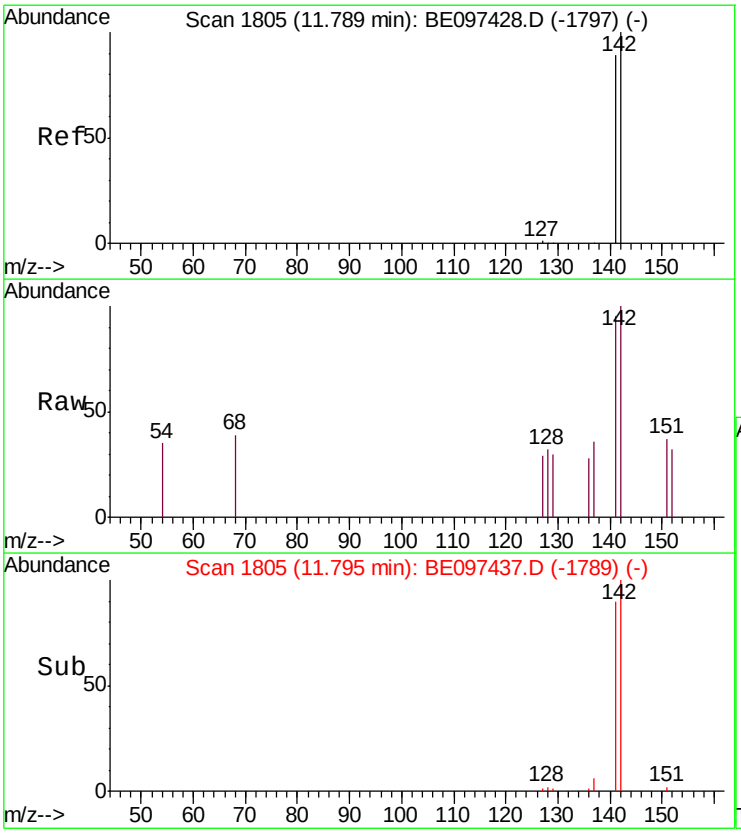
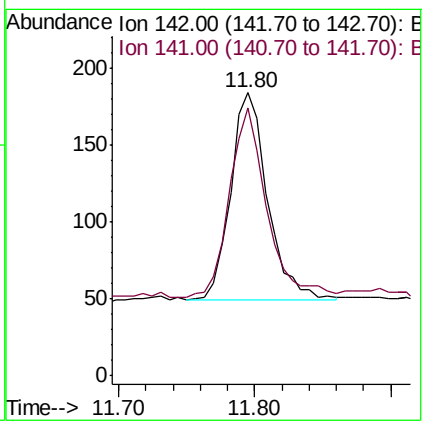


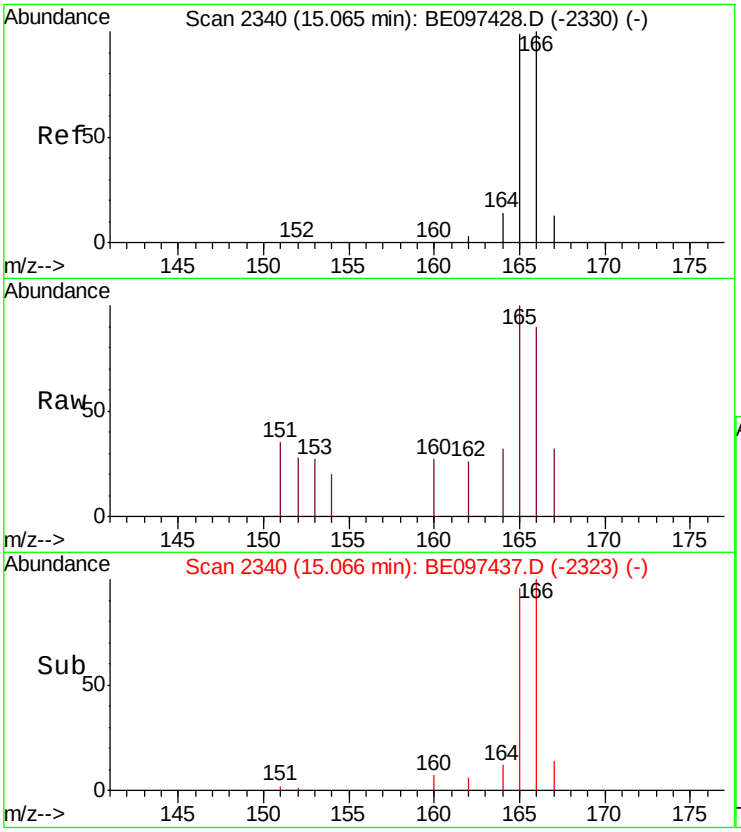


#5
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.80 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:142 Resp: 256

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8





#9
Fluorene
Concen: 0.020 ng/ul
RT: 15.07 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:166 Resp: 284

Ion	Ratio	Lower	Upper
166	100		
165	110.6	73.4	110.2#
167	35.1	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
A3YY1DL

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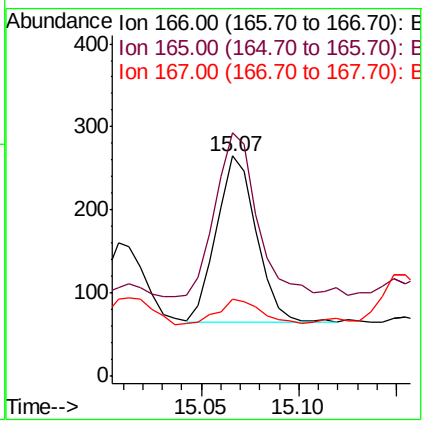
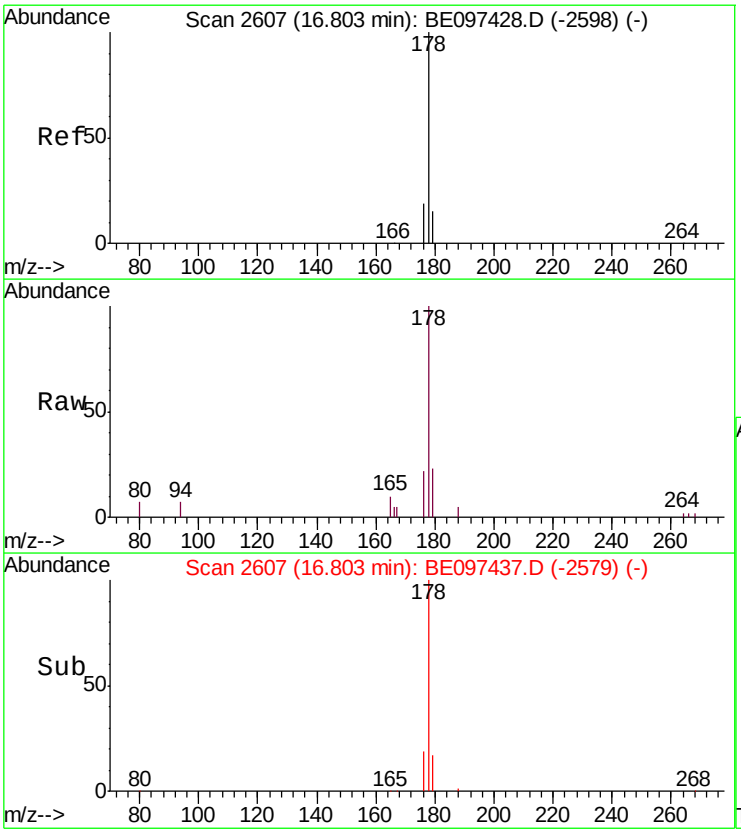
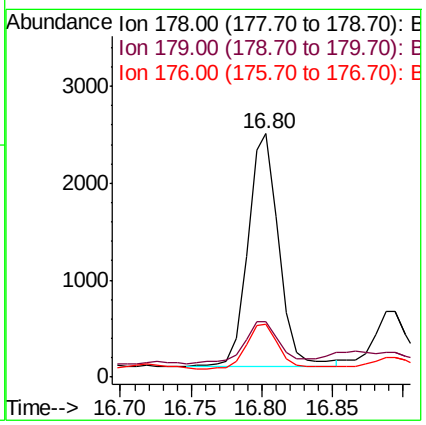


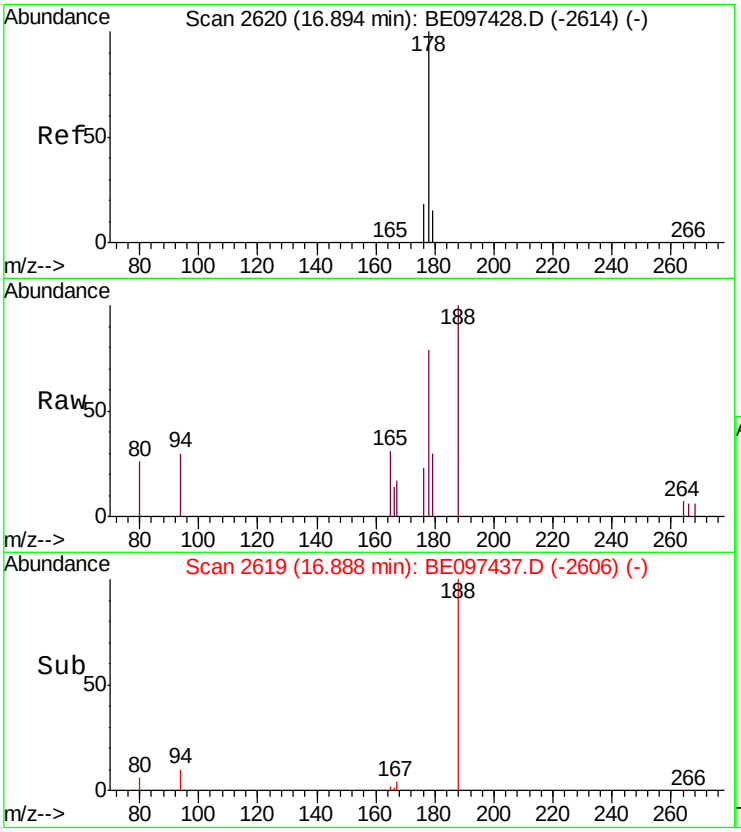


#12
Phenanthrene
Concen: 0.142 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:178 Resp: 3642

Ion	Ratio	Lower	Upper
178	100		
179	22.8	18.4	27.6
176	21.8	13.6	20.4#

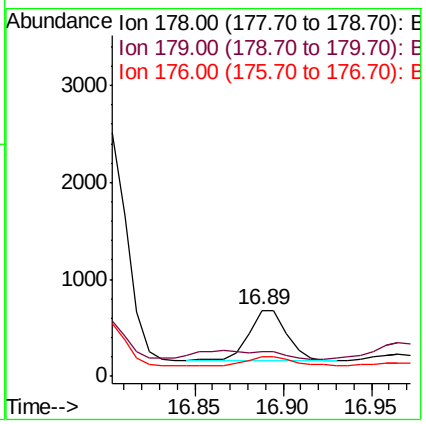




#13
Anthracene
Concen: 0.036 ng/ul
RT: 16.89 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:178 Resp: 775

Ion	Ratio	Lower	Upper
178	100		
179	38.1	18.1	27.1#
176	29.0	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
A3YY1DL

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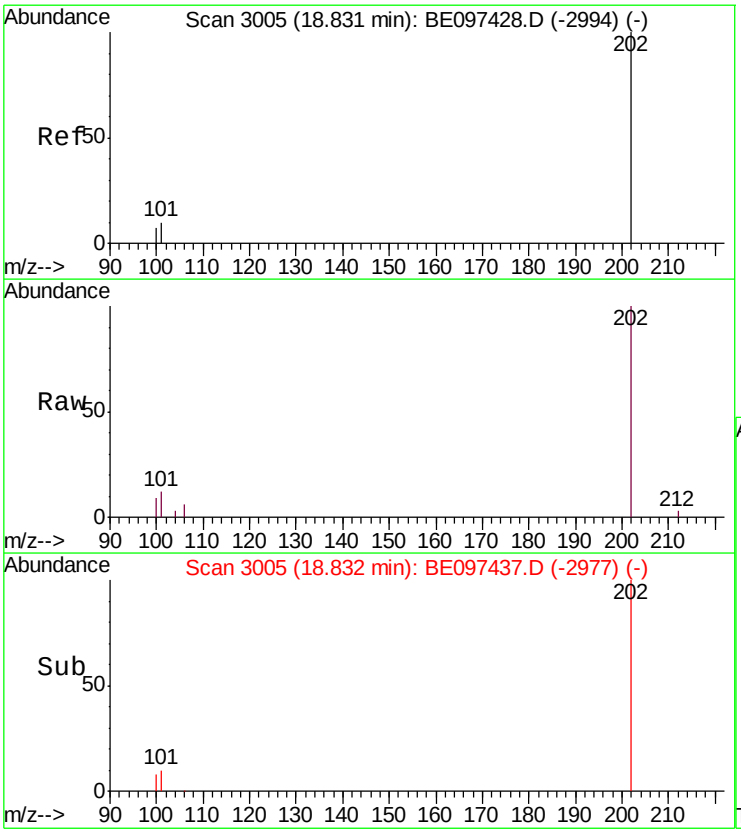
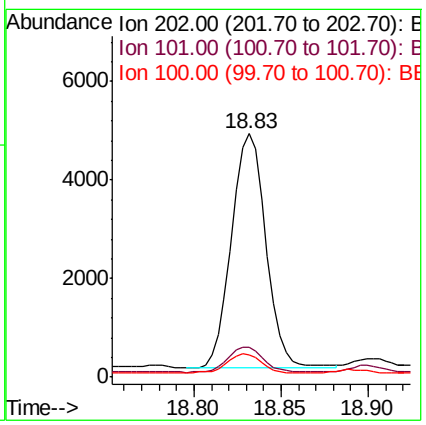
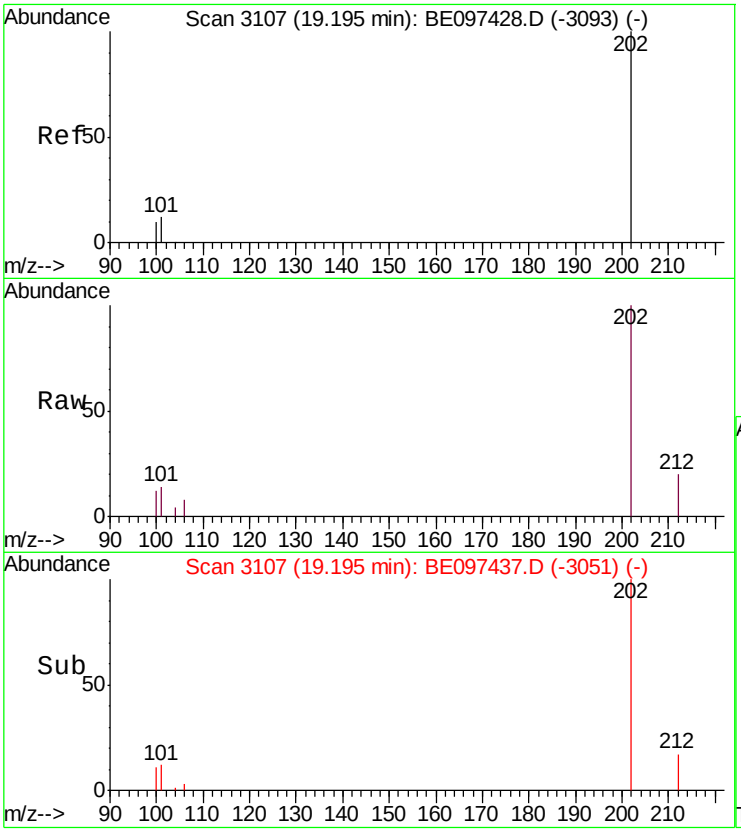


#15
Fluoranthene
Concen: 0.197 ng/ul
RT: 18.83 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:202 Resp: 6506

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.2	0.0	39.5





#17
Pyrene
Concen: 0.225 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Instrument :
BNA_E
ClientSampleId :
A3YY1DL

Manual Integrations APPROVED
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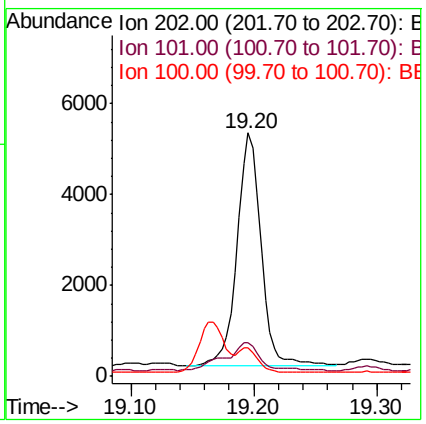
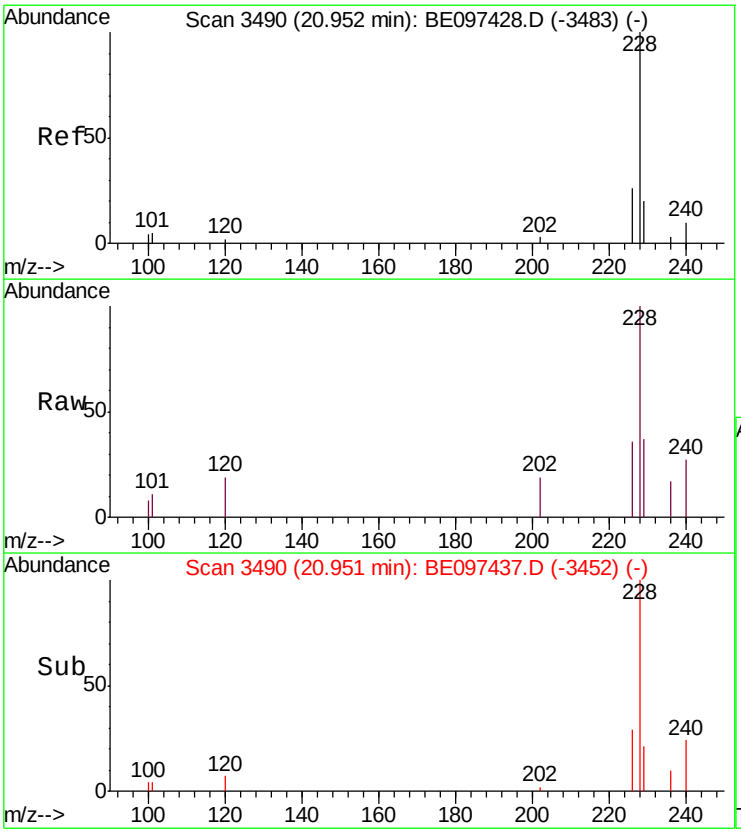
Tgt Ion:202 Resp: 6982

Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	11.9	15.6	23.4#

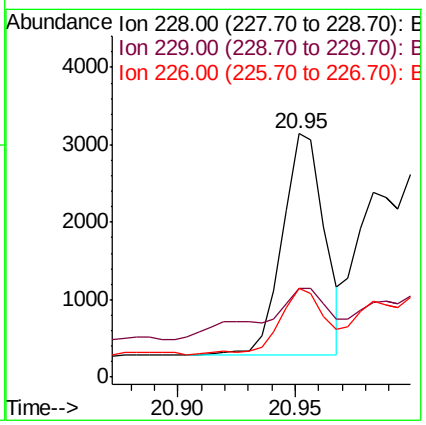


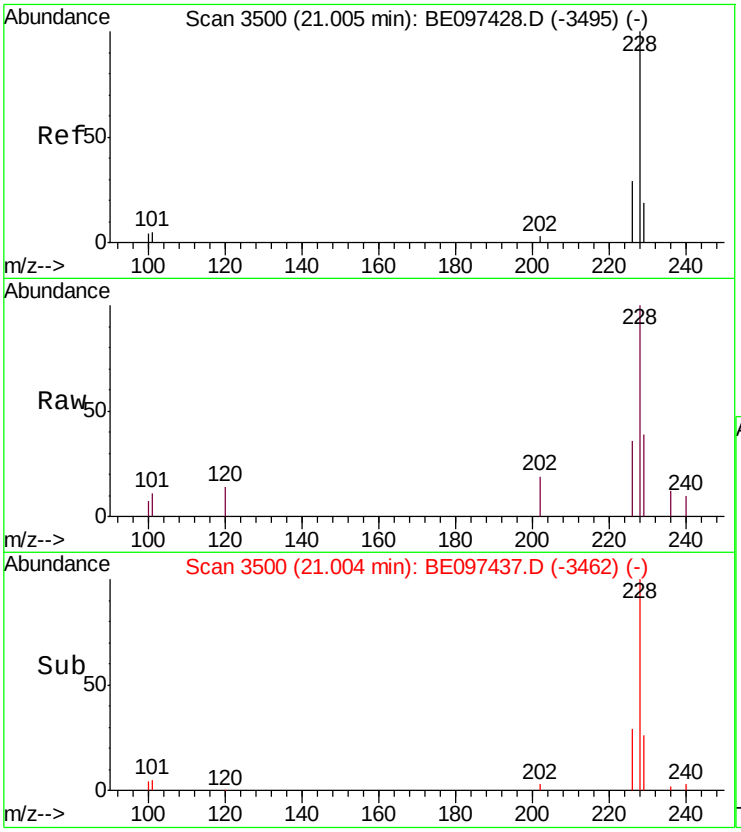


#18
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:228 Resp: 3609

Ion	Ratio	Lower	Upper
228	100		
229	36.6	22.8	34.2#
226	36.3	17.0	25.6#





#19
Chrysene
Concen: 0.166 ng/ul
RT: 21.00 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:228 Resp: 5678

Ion	Ratio	Lower	Upper
228	100		
226	36.0	23.4	35.0#
229	38.9	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3YY1DL

Manual Integrations APPROVED
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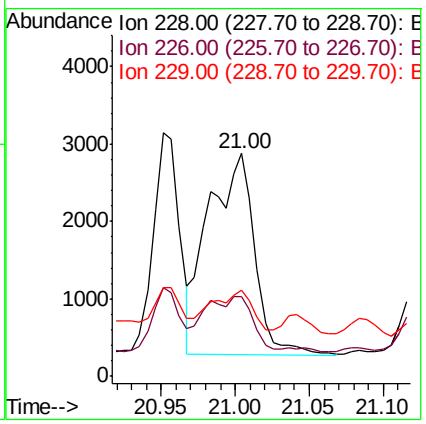
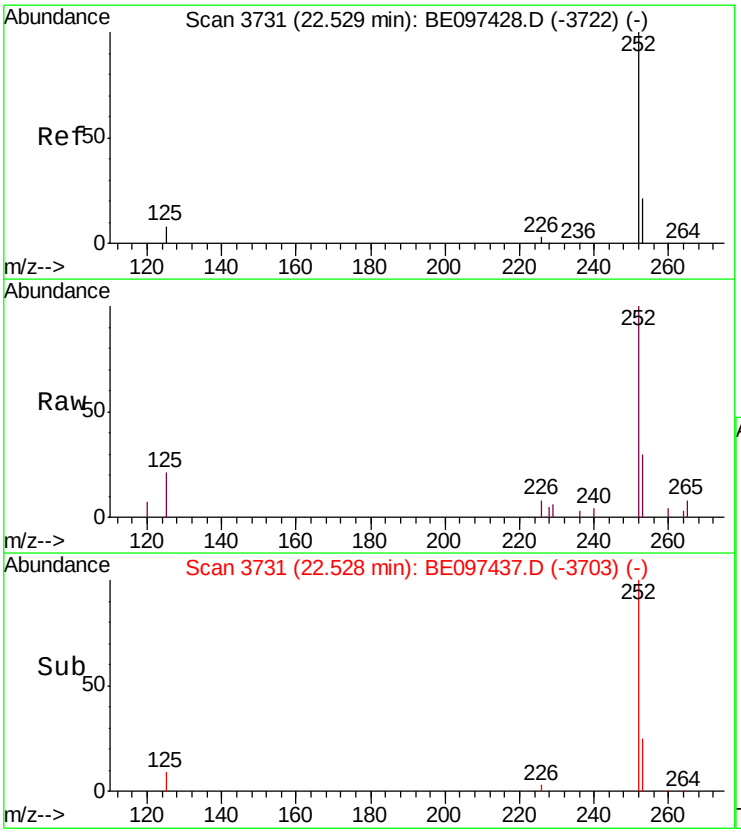
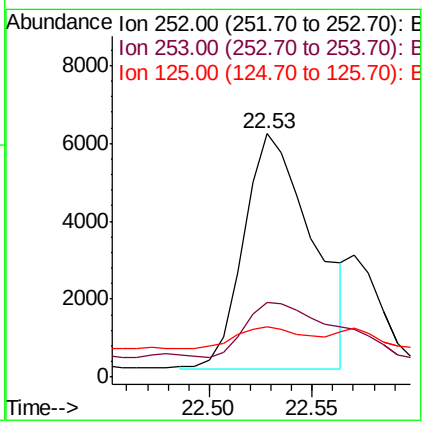


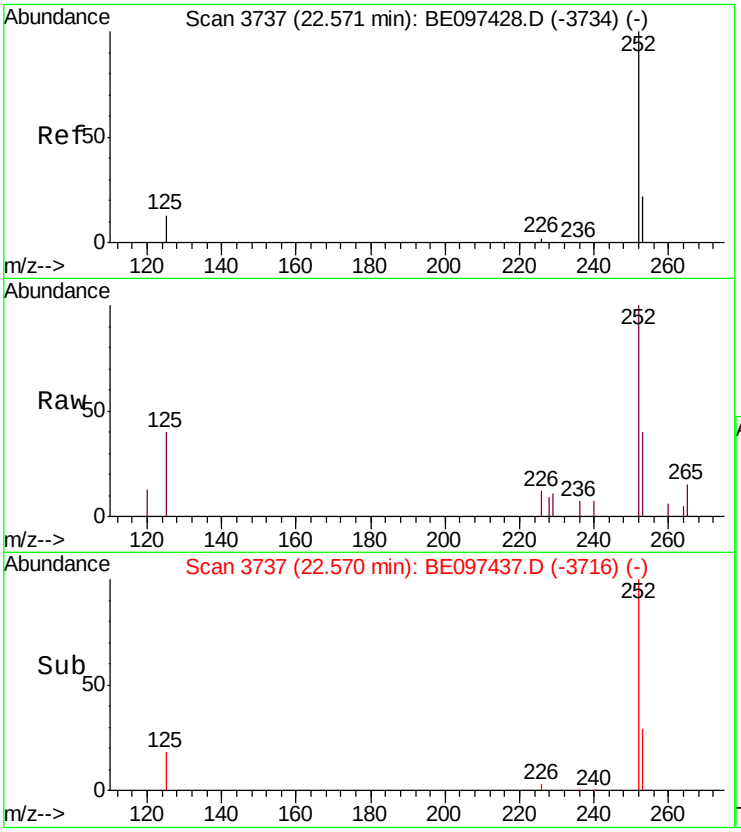


#21
Benzo(b)fluoranthene
Concen: 0.430 ng/ul m
RT: 22.53 min Scan# 3731
Delta R.T. -0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:252 Resp: 13991

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	64.2
125	20.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:252 Resp: 3416

Ion	Ratio	Lower	Upper
252	100		
253	39.7	24.5	36.7#
125	40.3	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3YY1DL

Manual Integrations APPROVED
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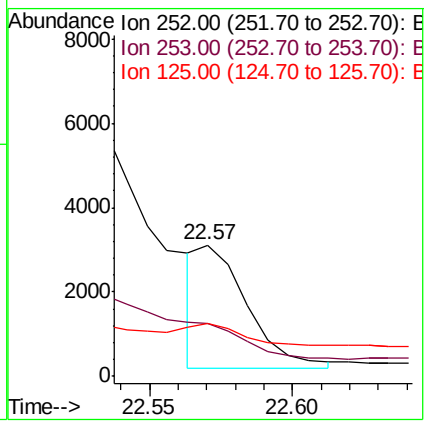
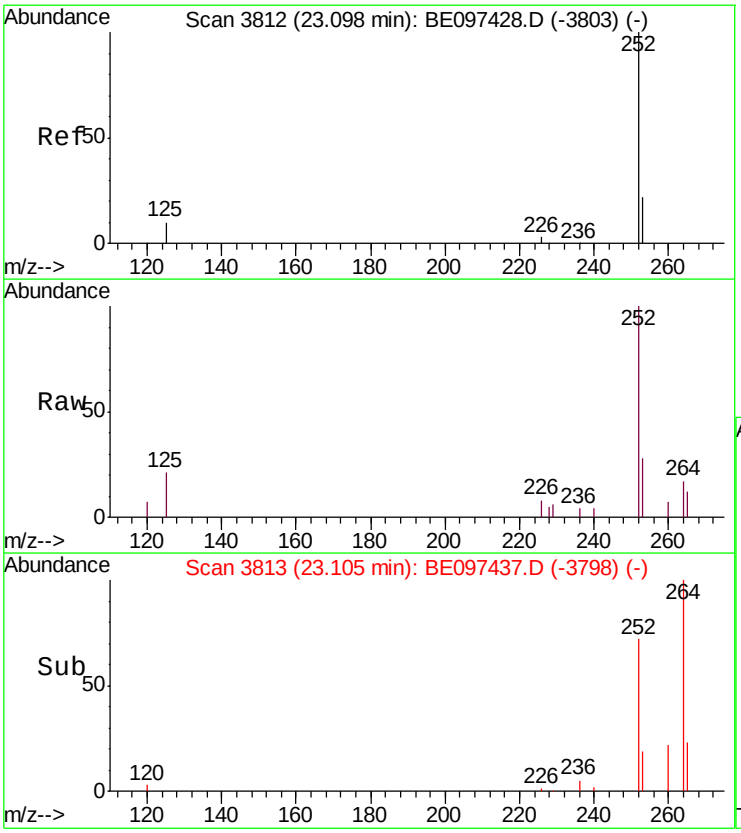
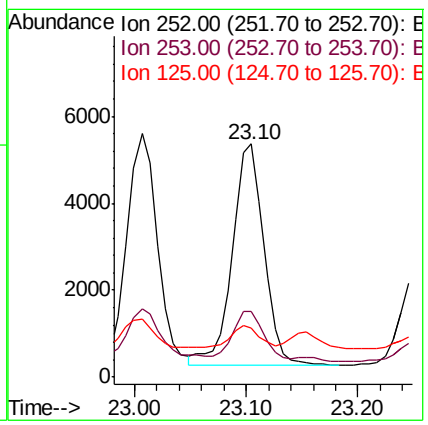


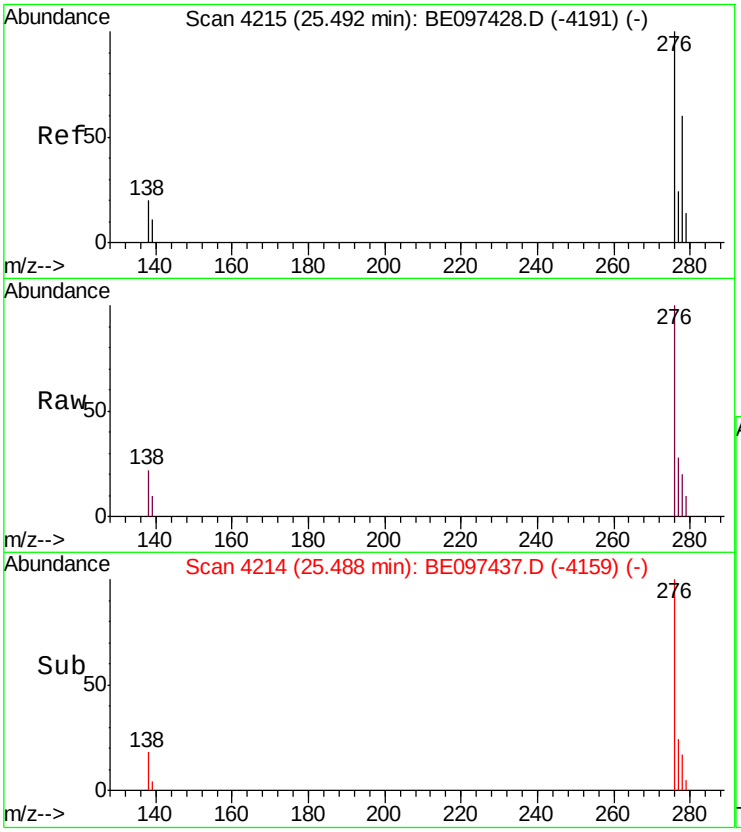


#23
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.10 min Scan# 3813
Delta R.T. 0.01 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:252 Resp: 10026

Ion	Ratio	Lower	Upper
252	100		
253	28.0	28.5	42.7#
125	20.8	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.244 ng/ul
RT: 25.49 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:276 Resp: 9516

Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3YY1DL

Manual Integrations APPROVED
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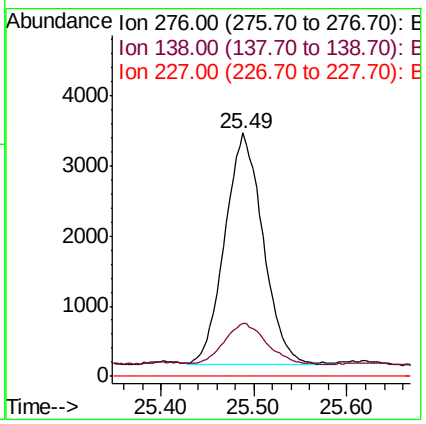
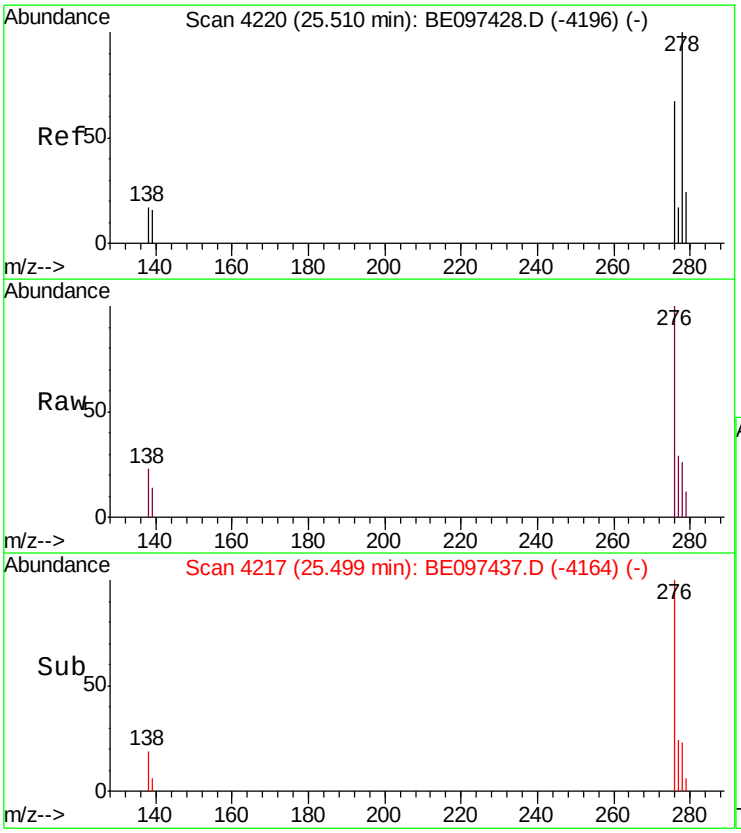
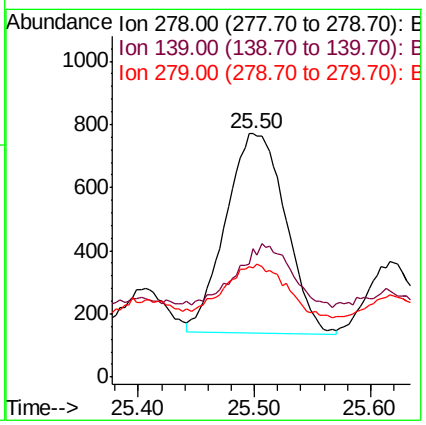


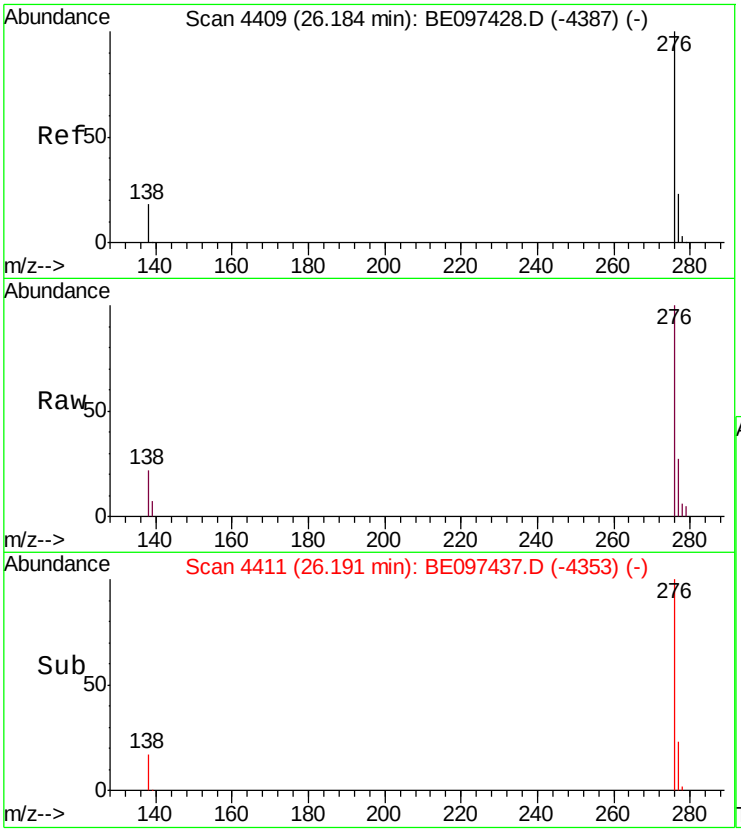


#25
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:278 Resp: 2268

Ion	Ratio	Lower	Upper
278	100		
139	52.5	17.4	26.0#
279	44.9	25.9	38.9#

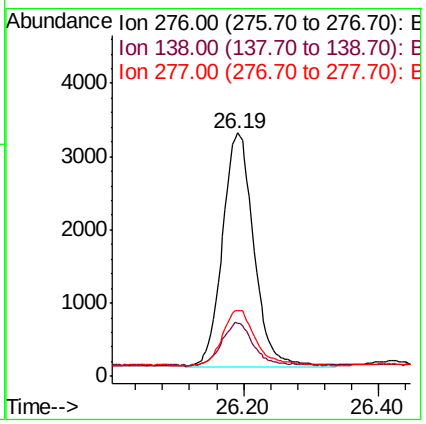




#26
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 26.19 min Scan# 4411
Delta R.T. 0.01 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:276 Resp: 10270

Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.8	32.8#
277	27.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3YY1DL

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9/11/2018 2:47:53 PM