Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097182.D
Acq On : 3 Aug 2018 16:42
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : JJ1K1

Manual Integrations APPROVED
Sohil
8/6/2018 4:32:24 PM

Quant Time: Aug 03 23:48:11 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 23:39:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1405	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7488	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5089	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11517m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12025m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11161m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3793	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12295m	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	12262	0.676	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	3943	0.329	ng/ul	99
7) Acenaphthylene	13.74	152	598	0.027	ng/ul#	25
8) Acenaphthene	14.08	153	2512	0.158	ng/ul	93
9) Fluorene	15.08	166	1583	0.087	ng/ul#	79
12) Phenanthrene	16.81	178	8040m	0.274	ng/ul	
13) Anthracene	16.90	178	2010m	0.073	ng/ul	
15) Fluoranthene	18.84	202	8249m	0.213	ng/ul	
17) Pyrene	19.21	202	11590m	0.360	ng/ul	
18) Benzo(a)anthracene	20.96	228	4525m	0.132	ng/ul	
19) Chrysene	21.02	228	5874m	0.166	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	5589m	0.184	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	5418m	0.165	ng/ul	
23) Benzo(a)pyrene	23.12	252	5878	0.193	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.50	276	3057	0.080	ng/ul#	81
26) Benzo(g,h,i)perylene	26.20	276	3398	0.103	ng/ul#	76

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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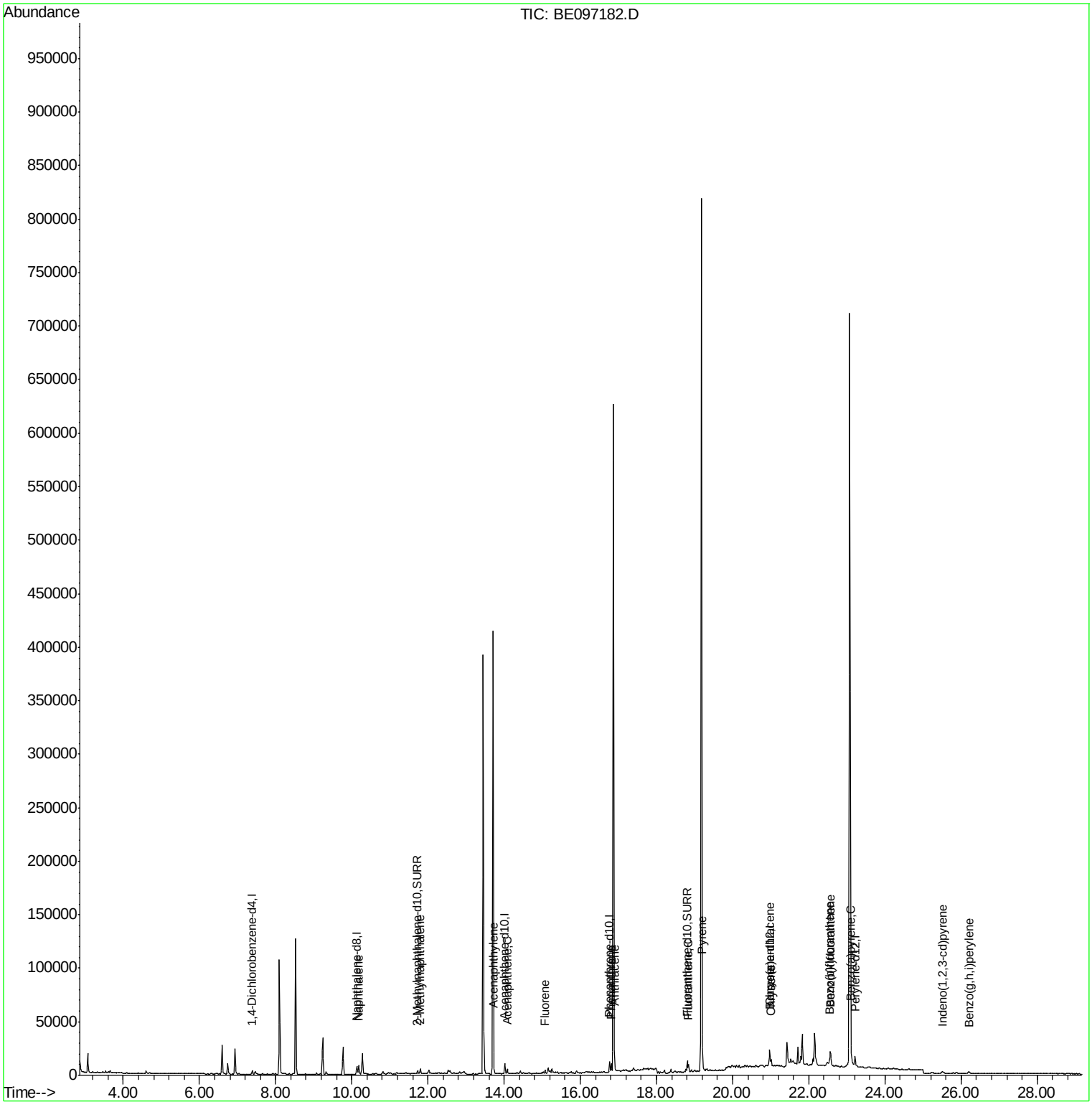

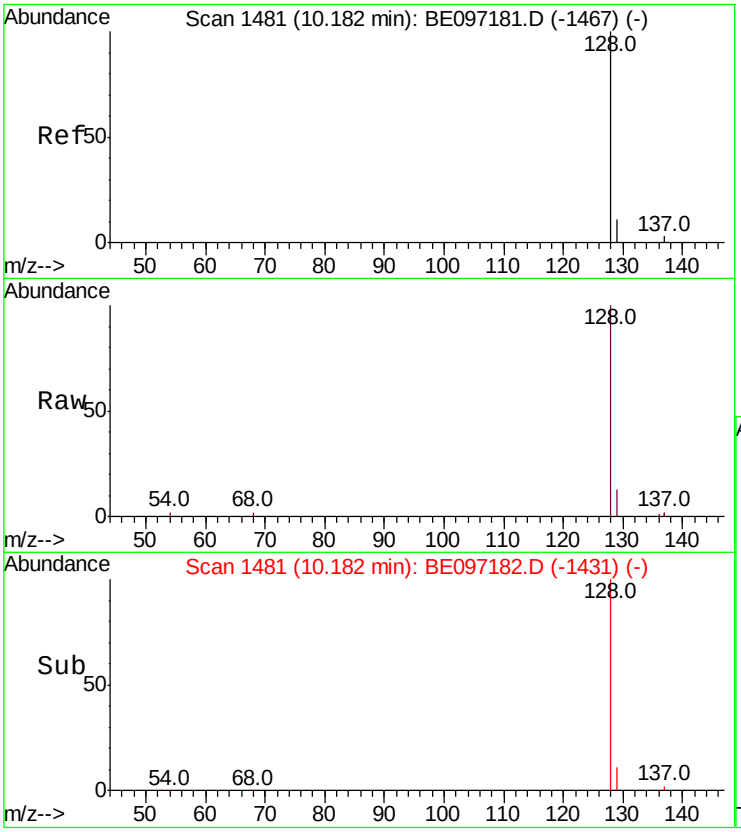

#3
Naphthalene
Concen: 0.676 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:128 Resp: 12262

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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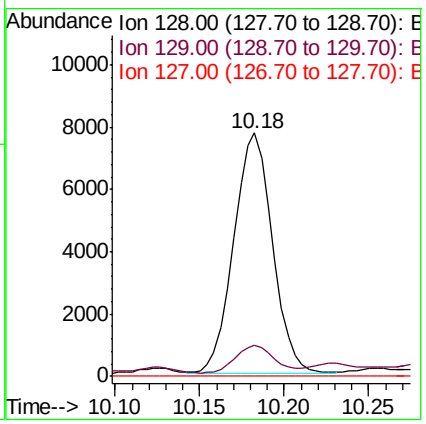
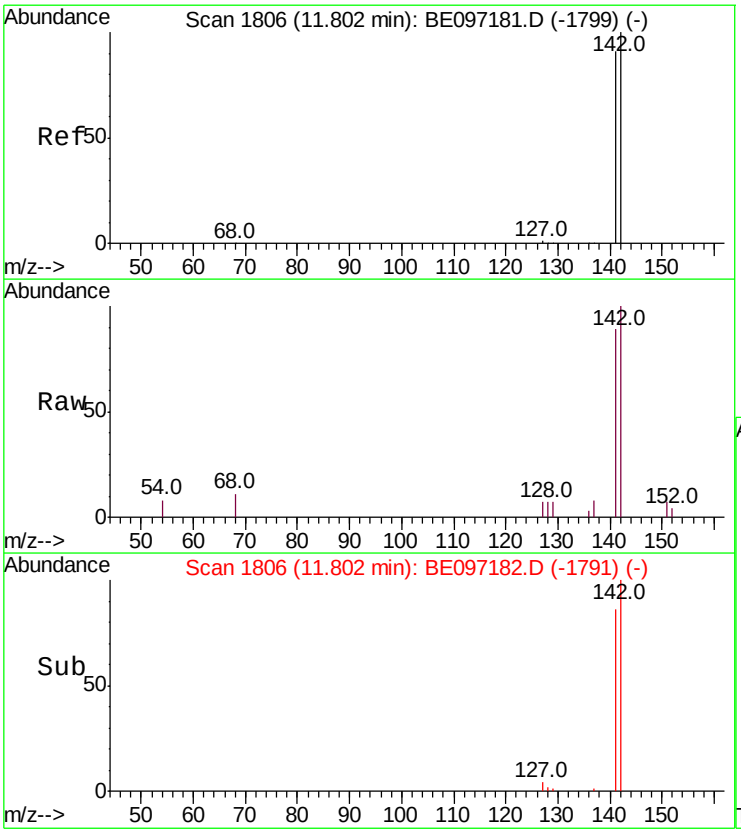
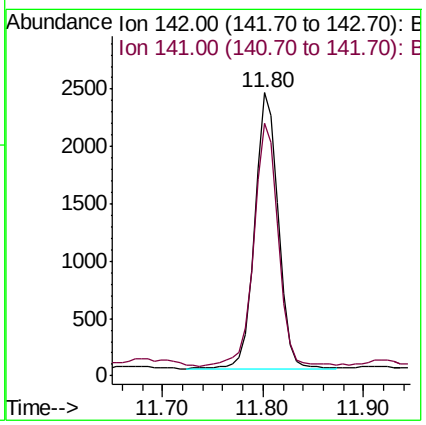


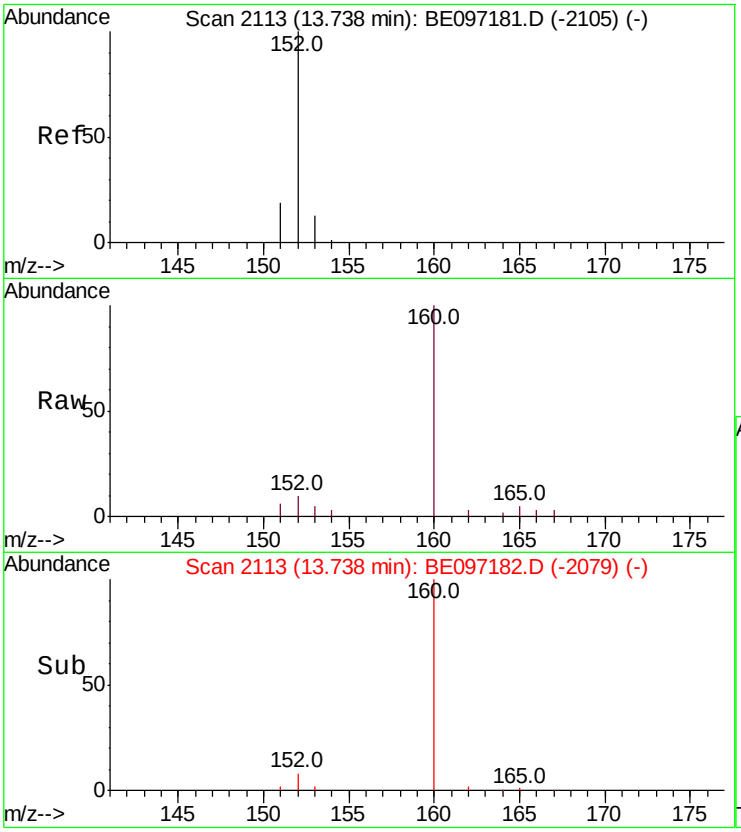


#5
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:142 Resp: 3943

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8





#7
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.74 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:152 Resp: 598

Ion	Ratio	Lower	Upper
152	100		
151	55.7	17.1	25.7#
153	48.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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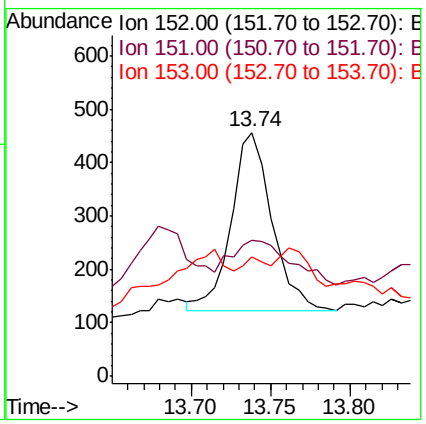
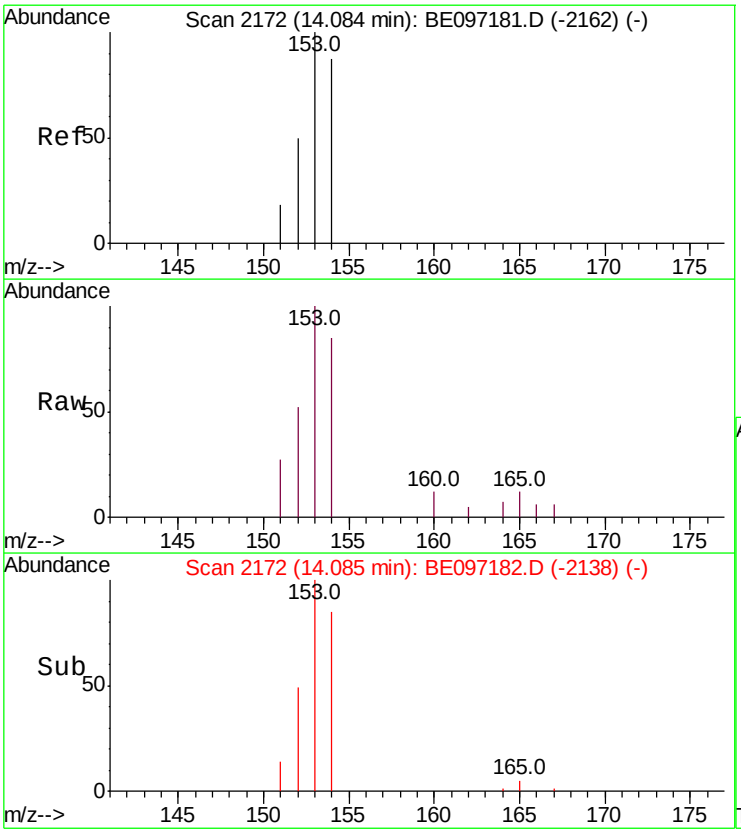
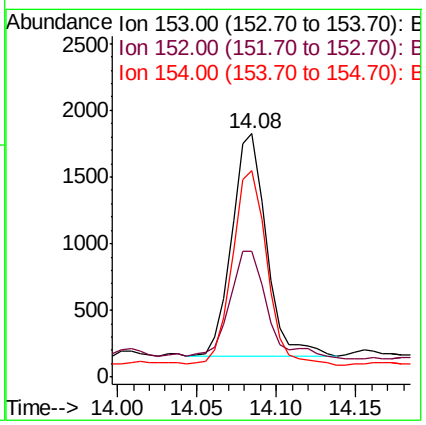


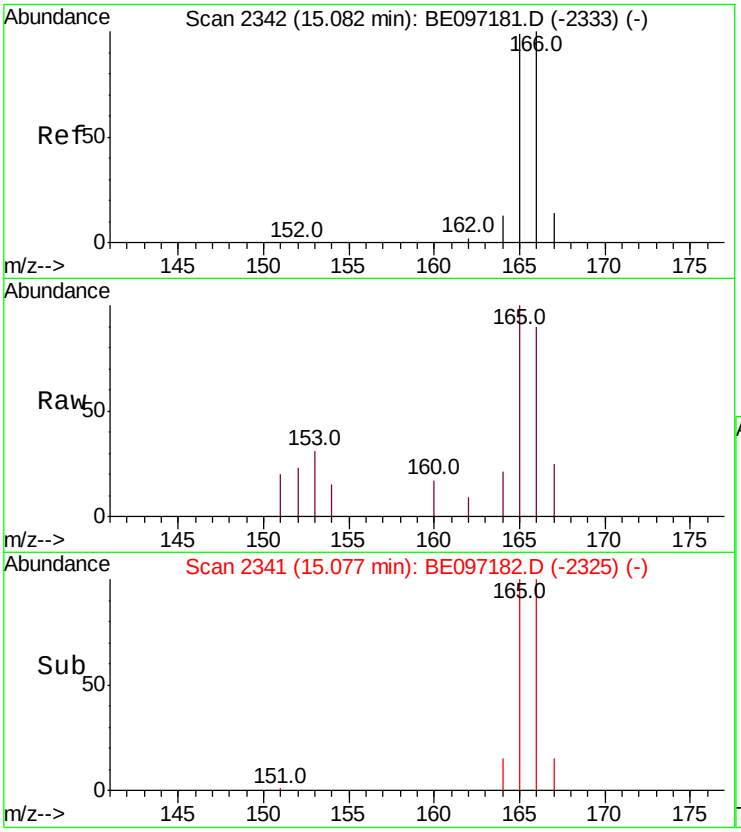


#8
Acenaphthene
Concen: 0.158 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:153 Resp: 2512

Ion	Ratio	Lower	Upper
153	100		
152	51.7	36.0	54.0
154	84.7	72.0	108.0





#9
Fluorene
Concen: 0.087 ng/ul
RT: 15.08 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:166 Resp: 1583

Ion	Ratio	Lower	Upper
166	100		
165	111.7	73.4	110.2#
167	28.0	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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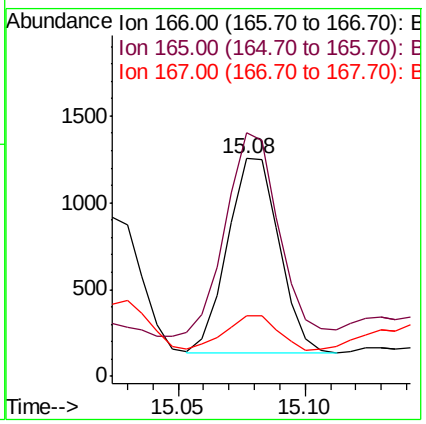
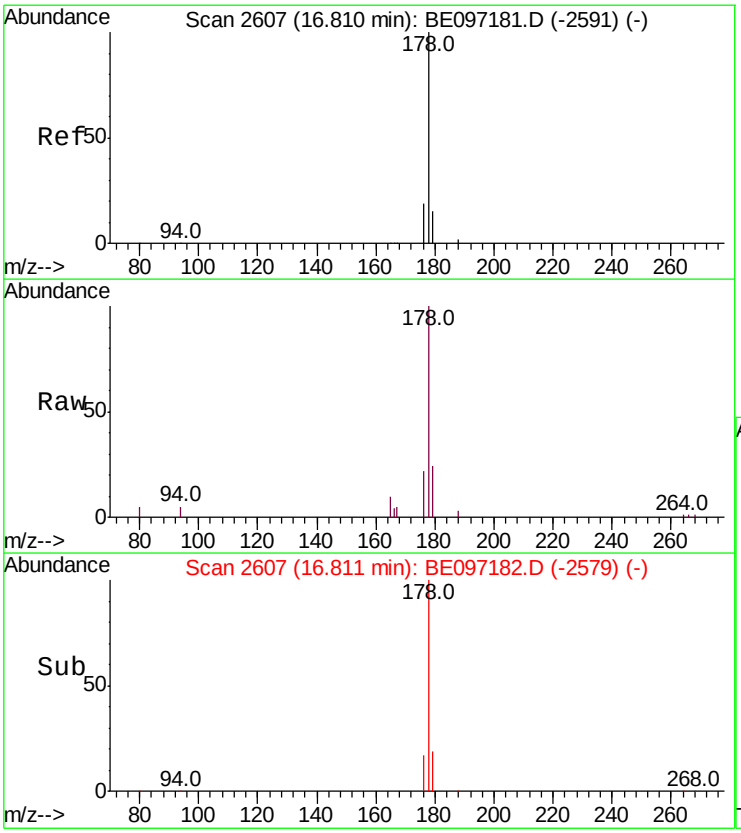
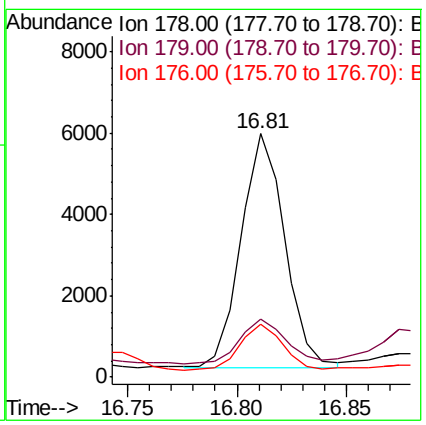


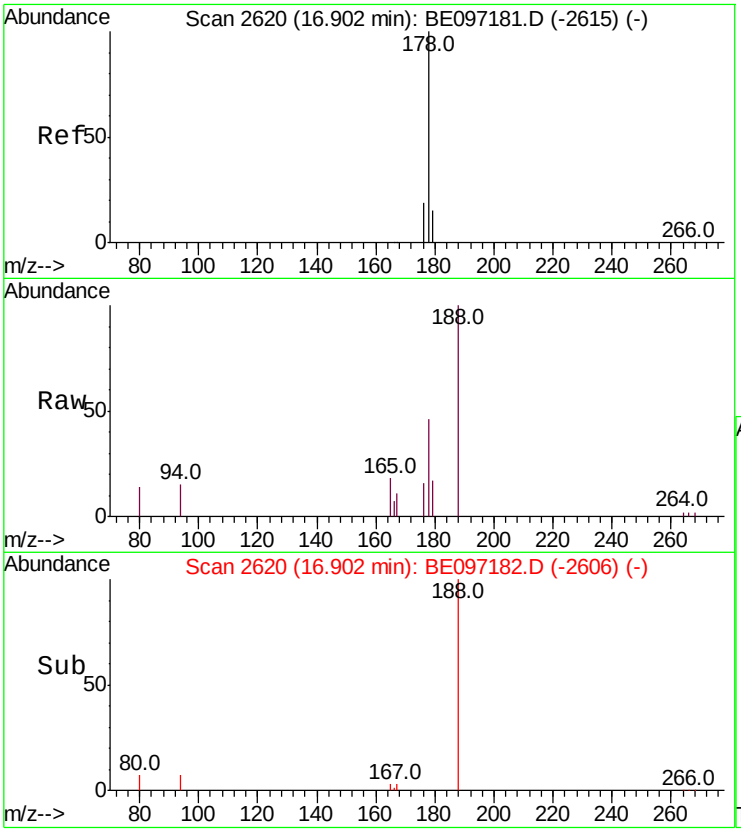


#12
Phenanthrene
Concen: 0.274 ng/ul m
RT: 16.81 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:178 Resp: 8040

Ion	Ratio	Lower	Upper
178	100		
179	24.0	18.4	27.6
176	21.9	13.6	20.4#





#13
Anthracene
Concen: 0.073 ng/ul m
RT: 16.90 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:178 Resp: 2010

Ion	Ratio	Lower	Upper
178	100		
179	37.8	18.1	27.1#
176	34.6	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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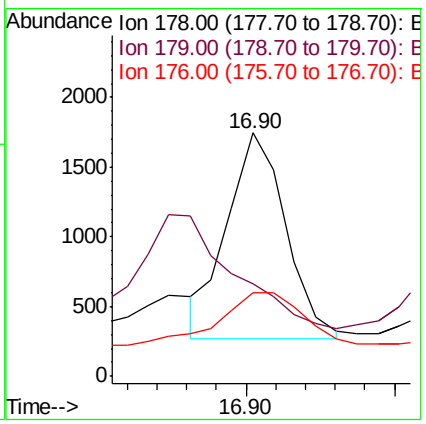
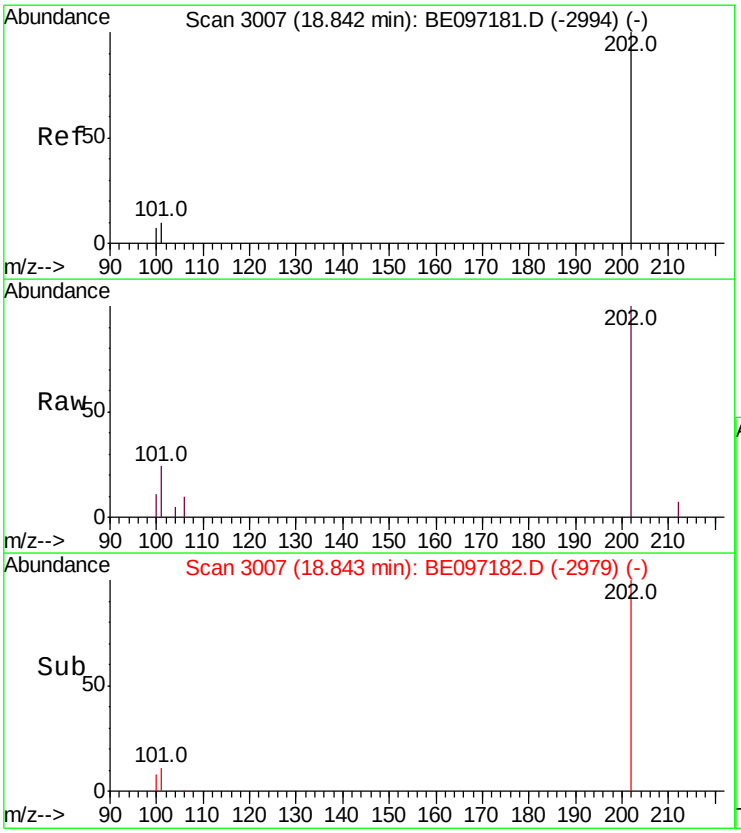
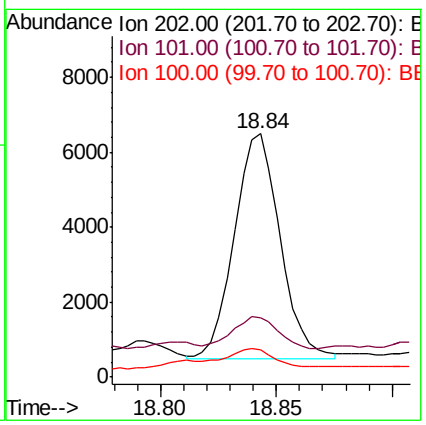


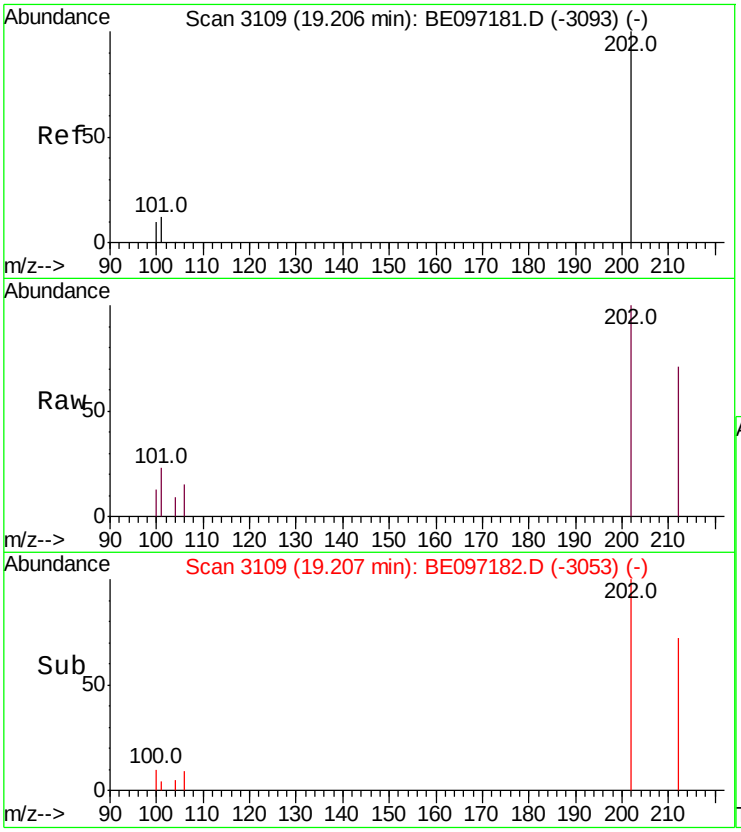


#15
Fluoranthene
Concen: 0.213 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:202 Resp: 8249

Ion	Ratio	Lower	Upper
202	100		
101	24.3	0.0	30.3
100	11.0	0.0	39.5





#17
Pyrene
Concen: 0.360 ng/ul m
RT: 19.21 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:202 Resp: 11590

Ion	Ratio	Lower	Upper
202	100		
101	23.0	18.2	27.4
100	12.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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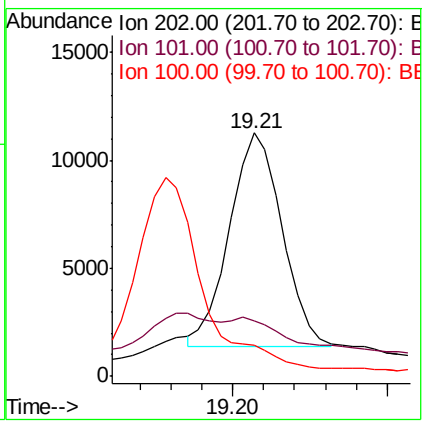
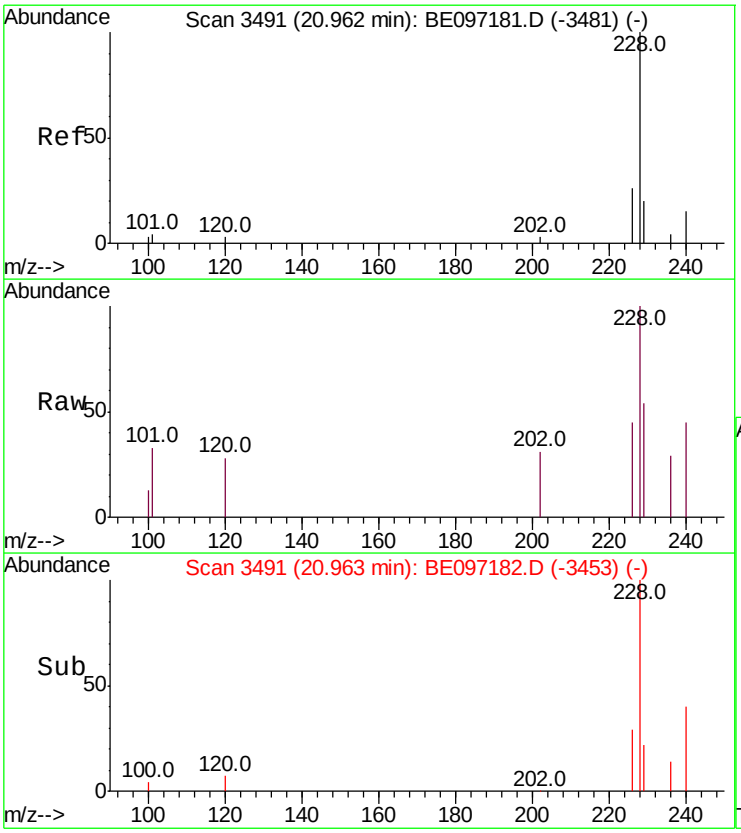
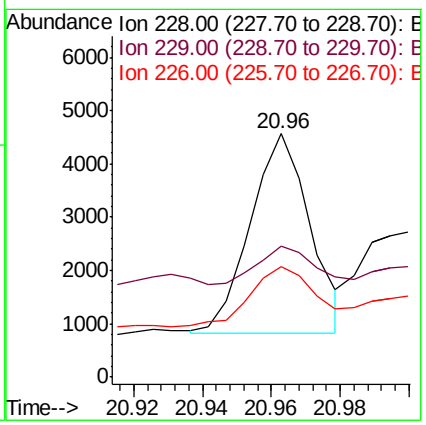


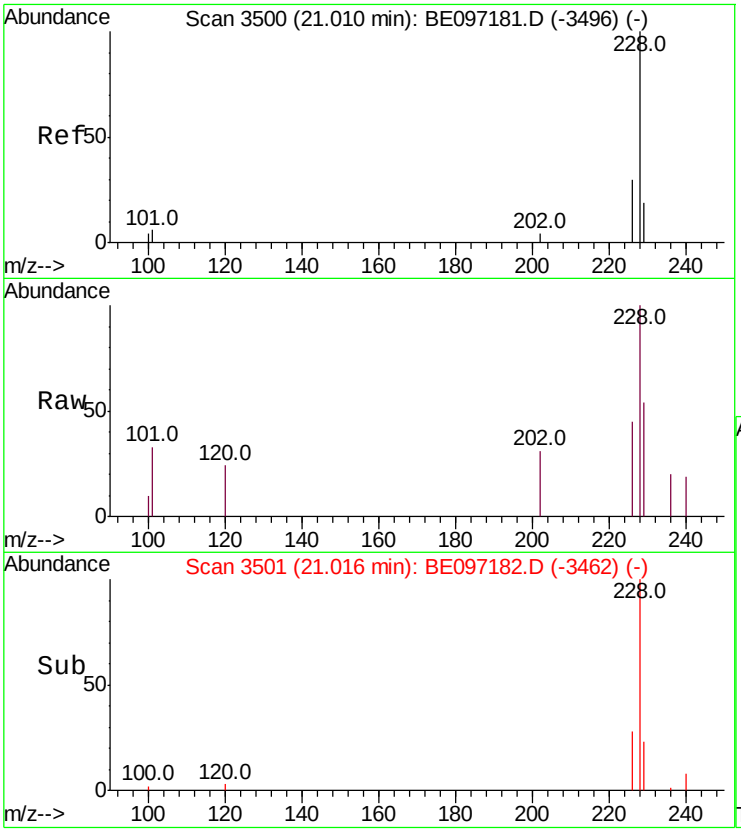


#18
Benzo(a)anthracene
Concen: 0.132 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:228 Resp: 4525

Ion	Ratio	Lower	Upper
228	100		
229	53.6	22.8	34.2#
226	45.4	17.0	25.6#





#19
Chrysene
Concen: 0.166 ng/ul m
RT: 21.02 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:228 Resp: 5874

Ion	Ratio	Lower	Upper
228	100		
226	44.6	23.4	35.0#
229	54.2	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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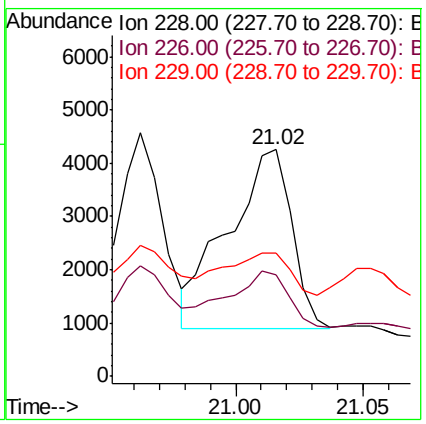
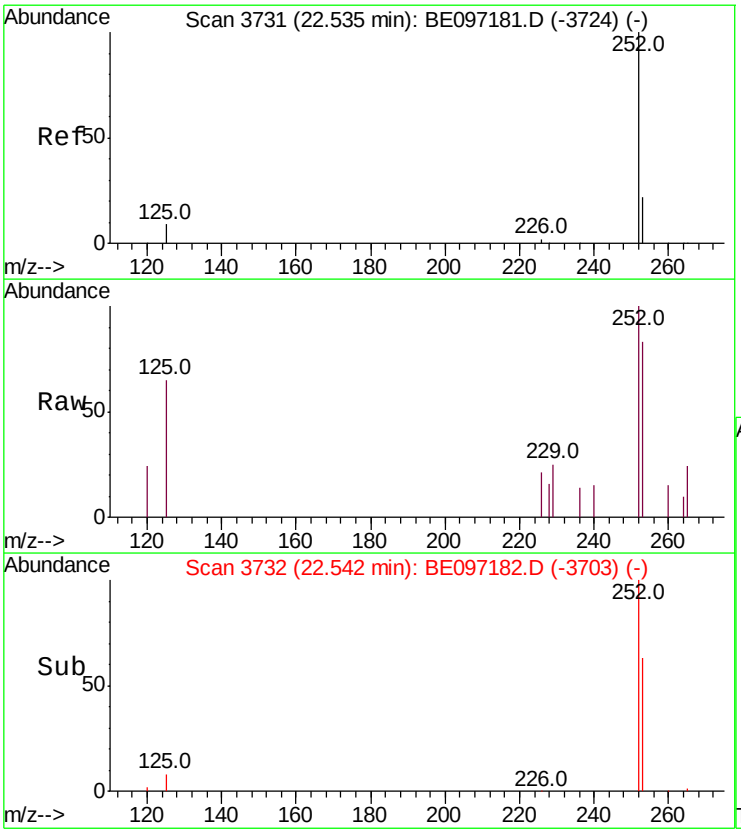
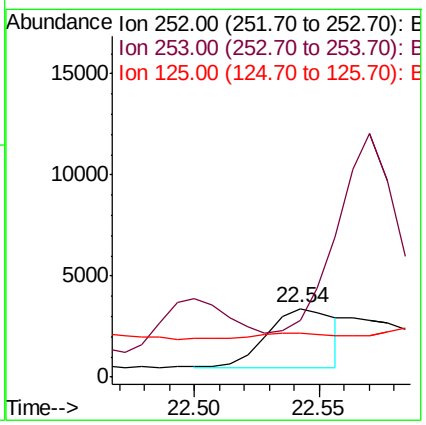


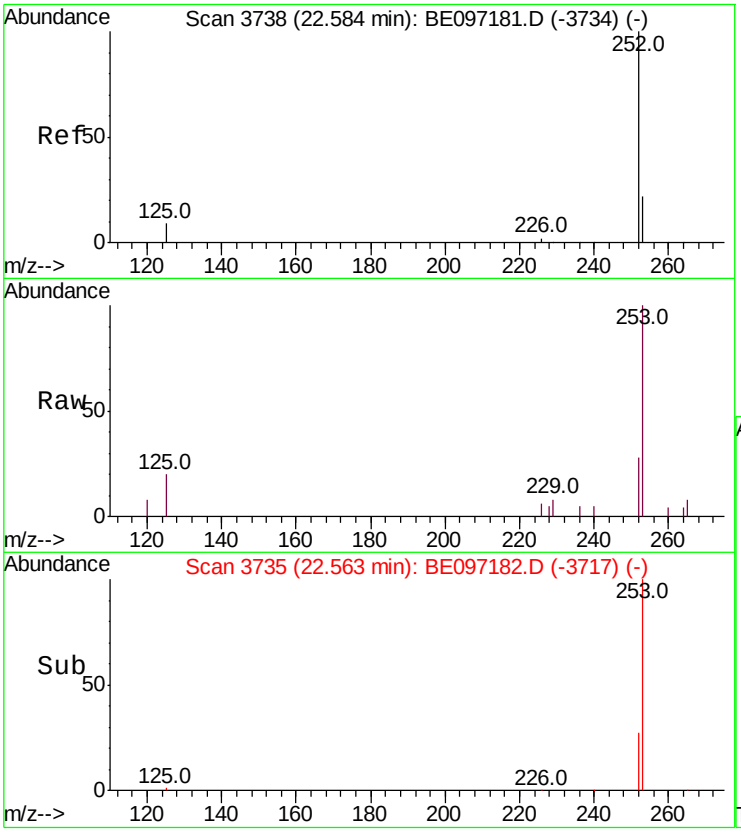


#21
Benzo(b)fluoranthene
Concen: 0.184 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:252 Resp: 5589

Ion	Ratio	Lower	Upper
252	100		
253	83.0	0.0	64.2#
125	64.5	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 22.56 min Scan# 3735
Delta R.T. -0.02 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:252 Resp: 5418

Ion	Ratio	Lower	Upper
252	100		
253	352.0	24.5	36.7#
125	69.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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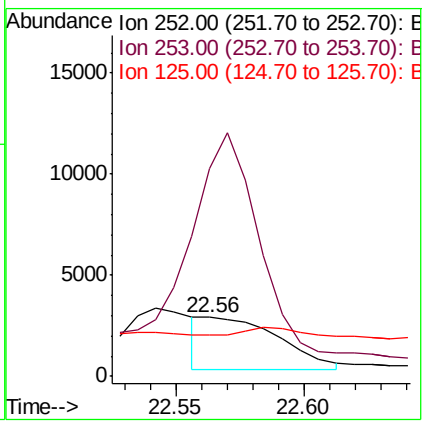
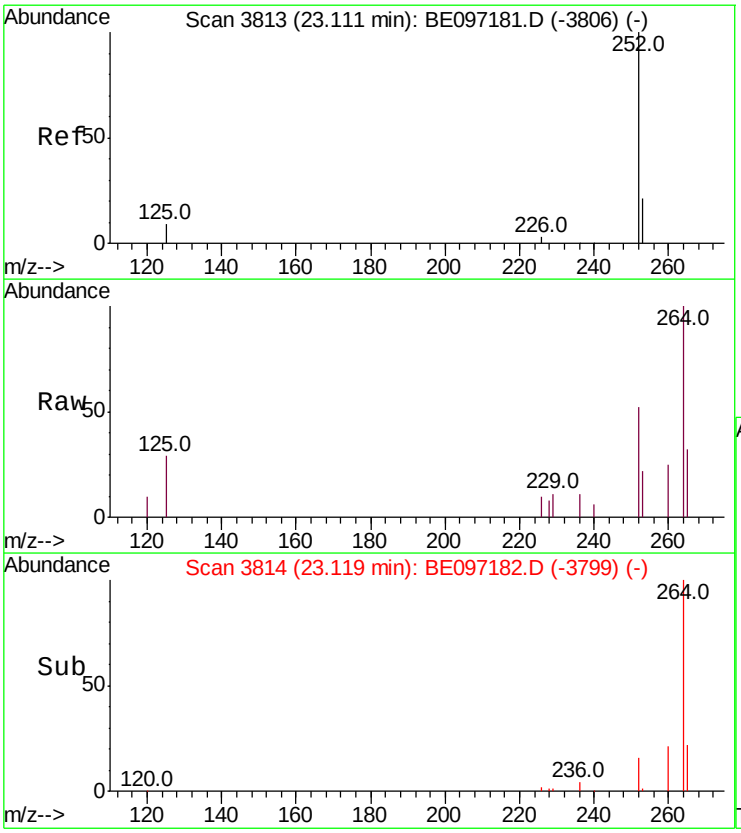
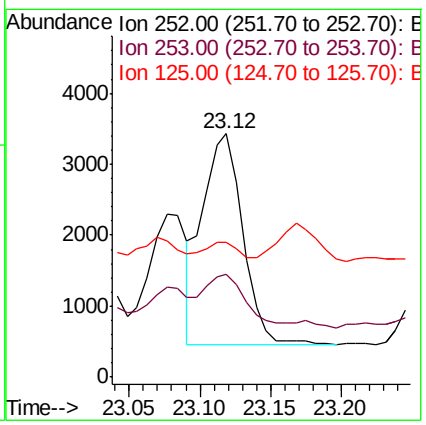


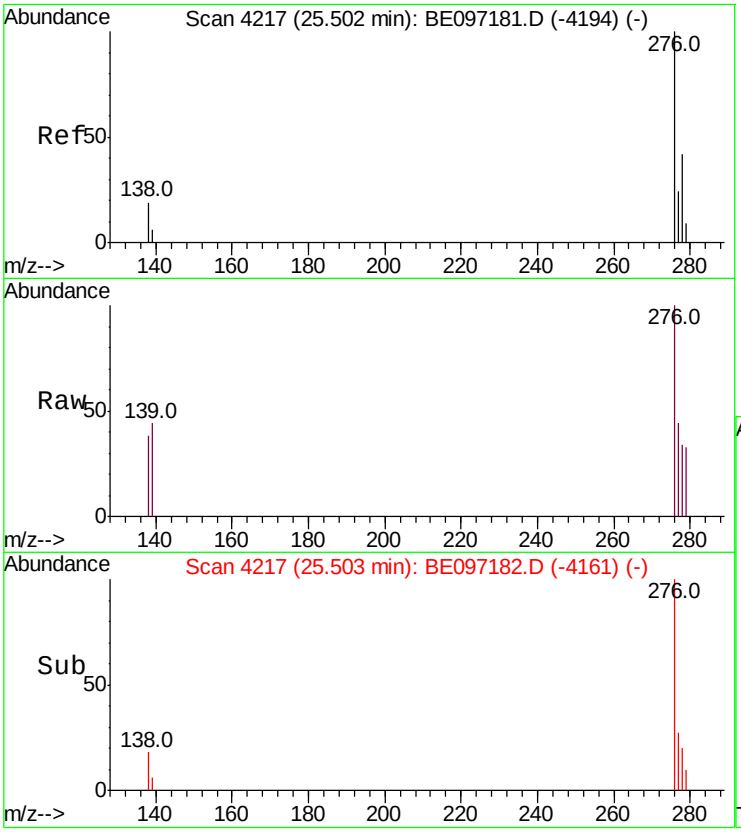


#23
Benzo(a)pyrene
Concen: 0.193 ng/ul
RT: 23.12 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:252 Resp: 5878

Ion	Ratio	Lower	Upper
252	100		
253	42.0	28.5	42.7
125	55.4	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:276 Resp: 3057

Ion	Ratio	Lower	Upper
276	100		
138	24.9	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Manual Integrations APPROVED
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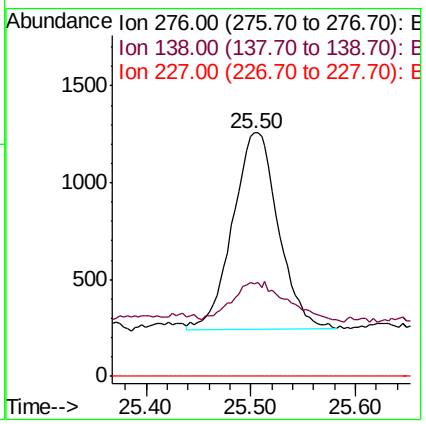
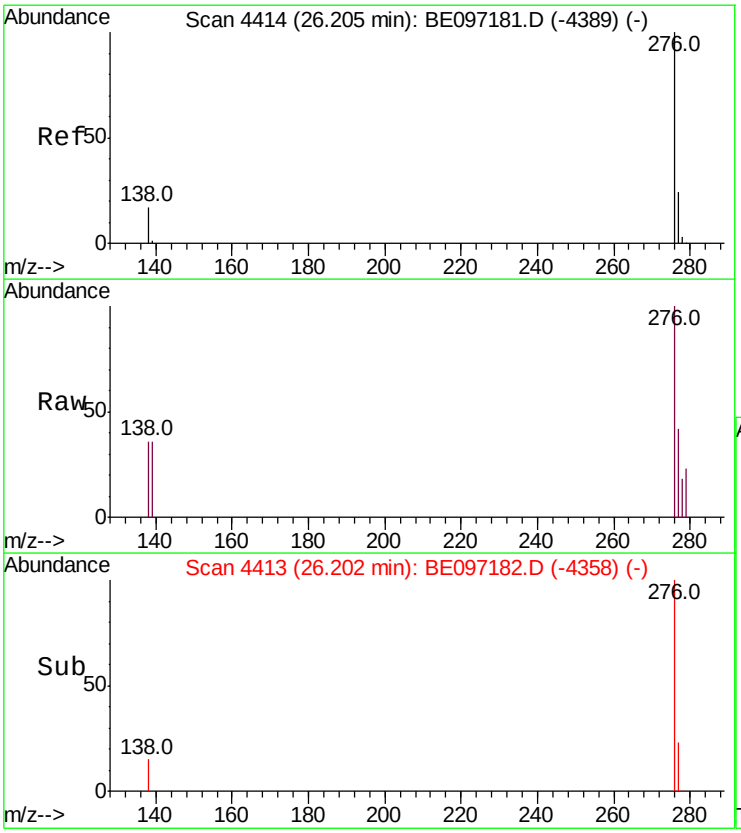
8/6/2018 4:32:24 PM





#26
Benzo(g,h,i)perylene
Concen: 0.103 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:276 Resp: 3398

Ion	Ratio	Lower	Upper
276	100		
138	35.6	21.8	32.8#
277	42.2	20.5	30.7#