Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097187.D
Acq On : 3 Aug 2018 19:53
Operator : SJ/JU
Sample : J4171-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : JJ1L1

Manual Integrations APPROVED
Sohil
8/6/2018 4:32:29 PM

Quant Time: Aug 04 00:14:34 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	7388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4870	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11351m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11722m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11347m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3305	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9411m	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	700	0.039	ng/ul#	79
5) 2-Methylnaphthalene	11.80	142	780	0.066	ng/ul	97
12) Phenanthrene	16.81	178	12619m	0.436	ng/ul	
13) Anthracene	16.90	178	2376m	0.088	ng/ul	
15) Fluoranthene	18.84	202	37231m	0.973	ng/ul	
17) Pyrene	19.21	202	44511	1.417	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	20855m	0.623	ng/ul	
19) Chrysene	21.01	228	27194m	0.788	ng/ul	
21) Benzo(b)fluoranthene	22.55	252	39056m	1.263	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	17418m	0.522	ng/ul	
23) Benzo(a)pyrene	23.12	252	28091m	0.908	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.52	276	34438m	0.889	ng/ul	
25) Dibenzo(a,h)anthracene	25.53	278	6717m	0.212	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	37751m	1.128	ng/ul	

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

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QLast Update : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
JJ1L1

Manual Integrations APPROVED
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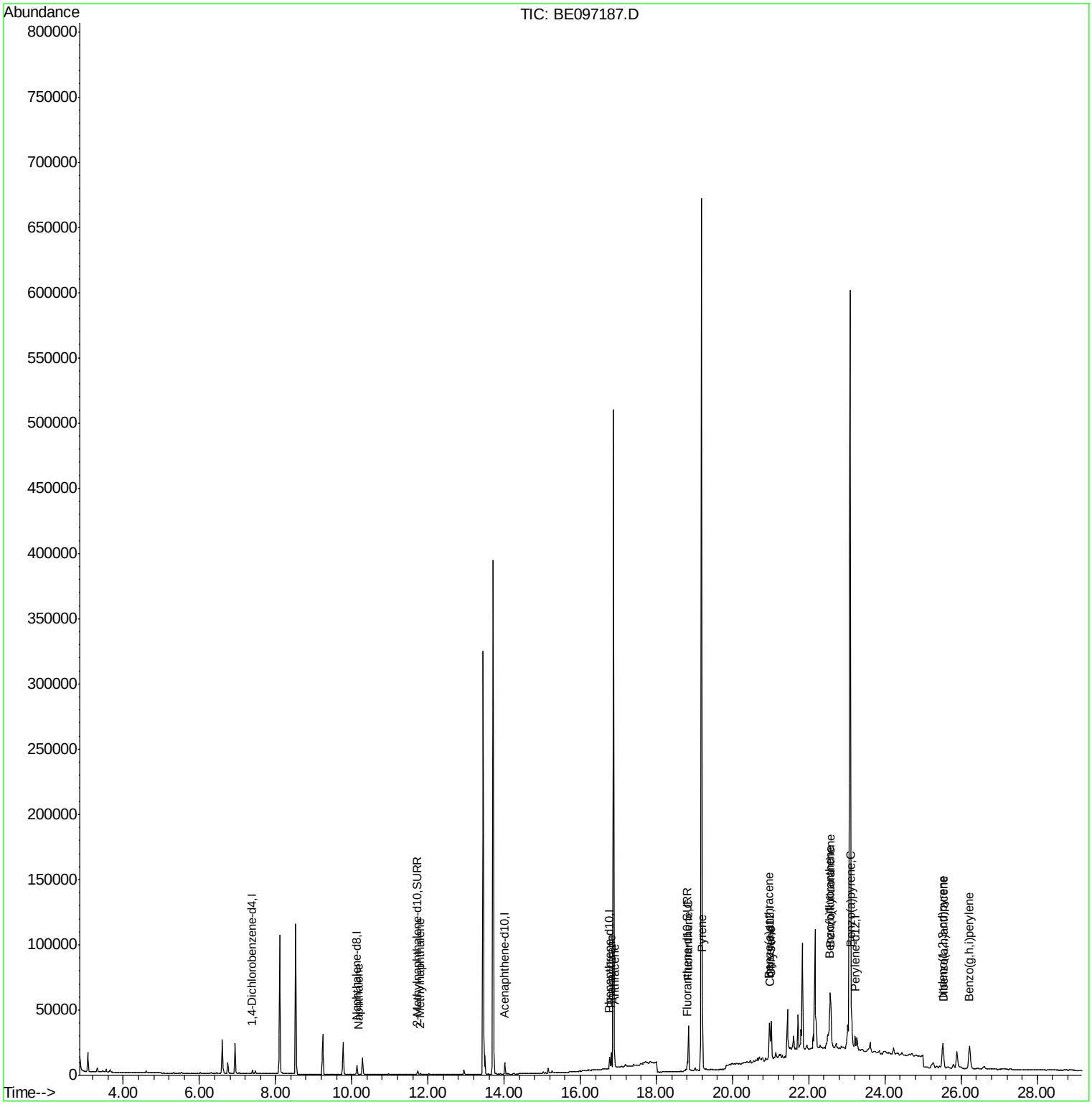
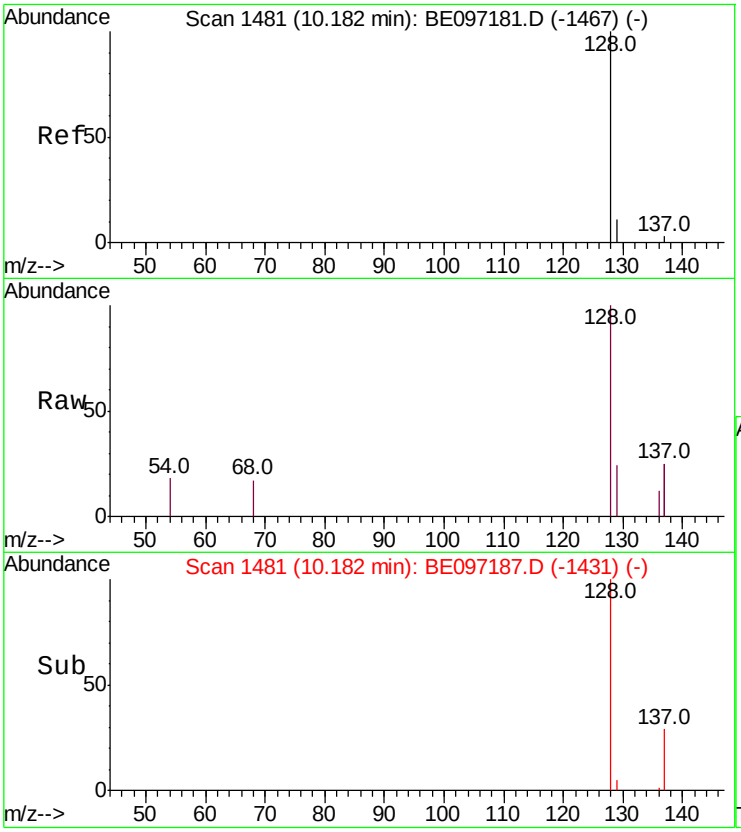
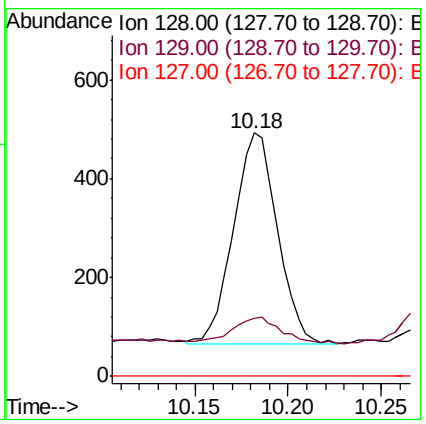




#3
Naphthalene
Concen: 0.039 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:128 Resp: 700

Ion	Ratio	Lower	Upper
128	100		
129	23.5	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
JJ1L1

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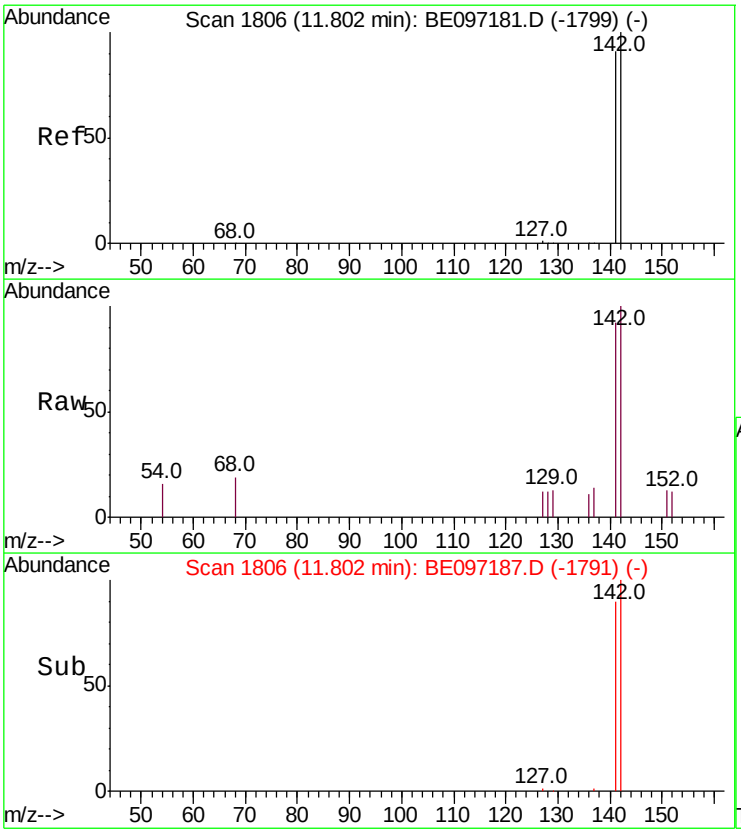
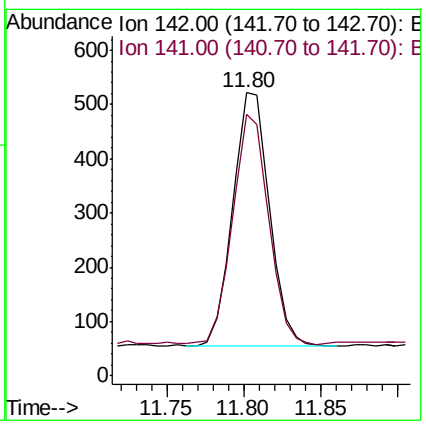
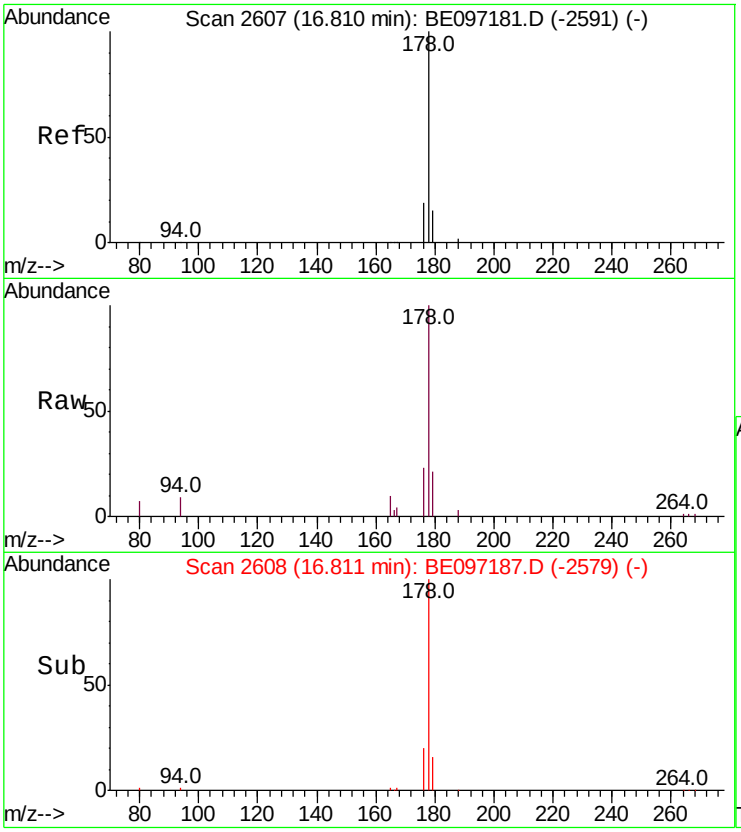


#5
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:142 Resp: 780

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8





#12
Phenanthrene
Concen: 0.436 ng/ul m
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:178 Resp: 12619

Ion	Ratio	Lower	Upper
178	100		
179	20.7	18.4	27.6
176	22.8	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
JJ1L1

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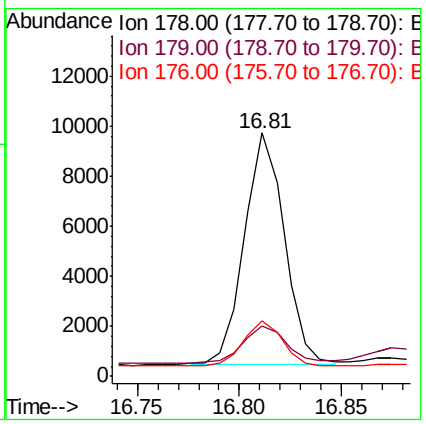
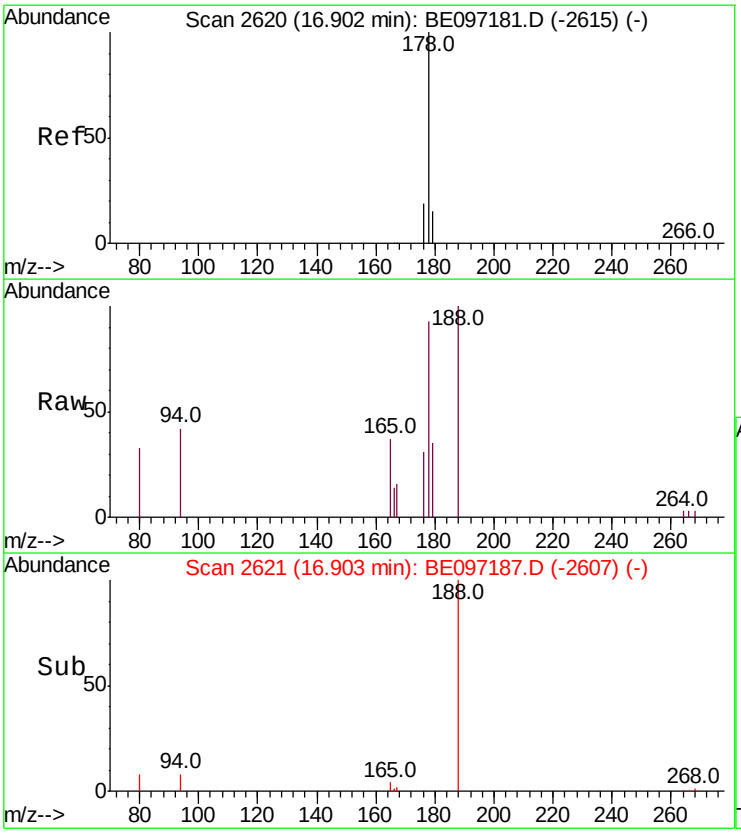
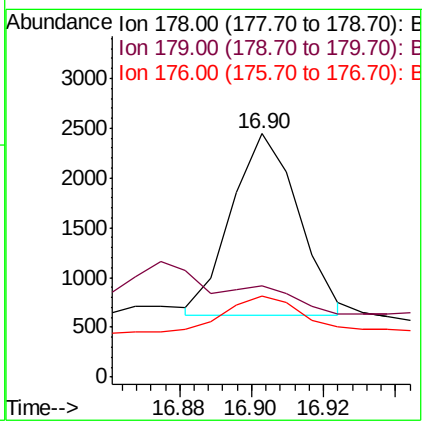


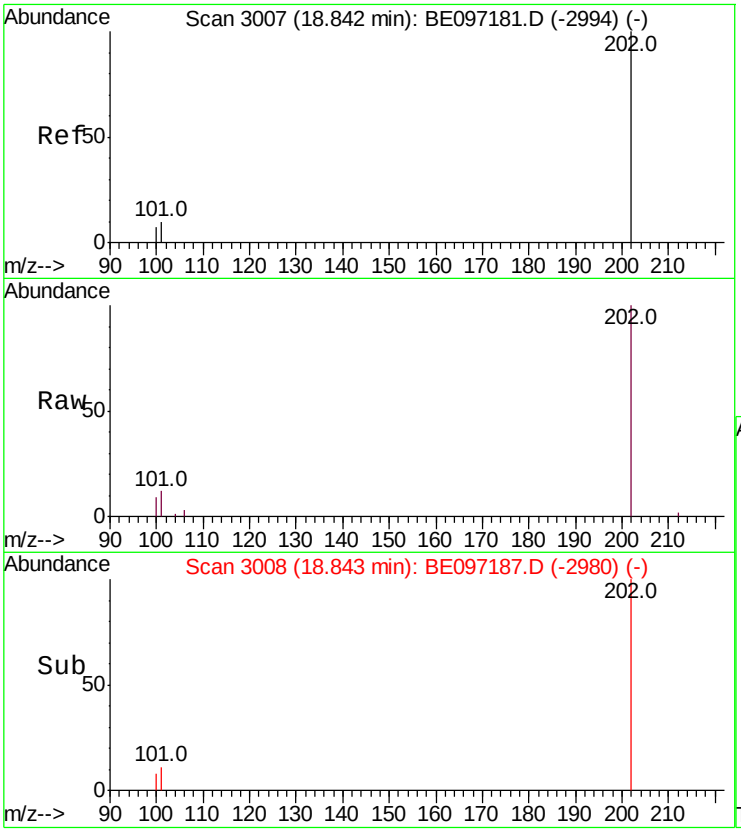


#13
Anthracene
Concen: 0.088 ng/ul m
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:178 Resp: 2376

Ion	Ratio	Lower	Upper
178	100		
179	37.4	18.1	27.1#
176	33.4	14.7	22.1#

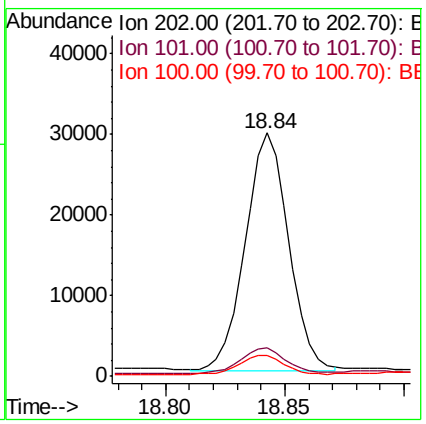




#15
Fluoranthene
Concen: 0.973 ng/ul m
RT: 18.84 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:202 Resp: 37231

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	8.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
JJ1L1

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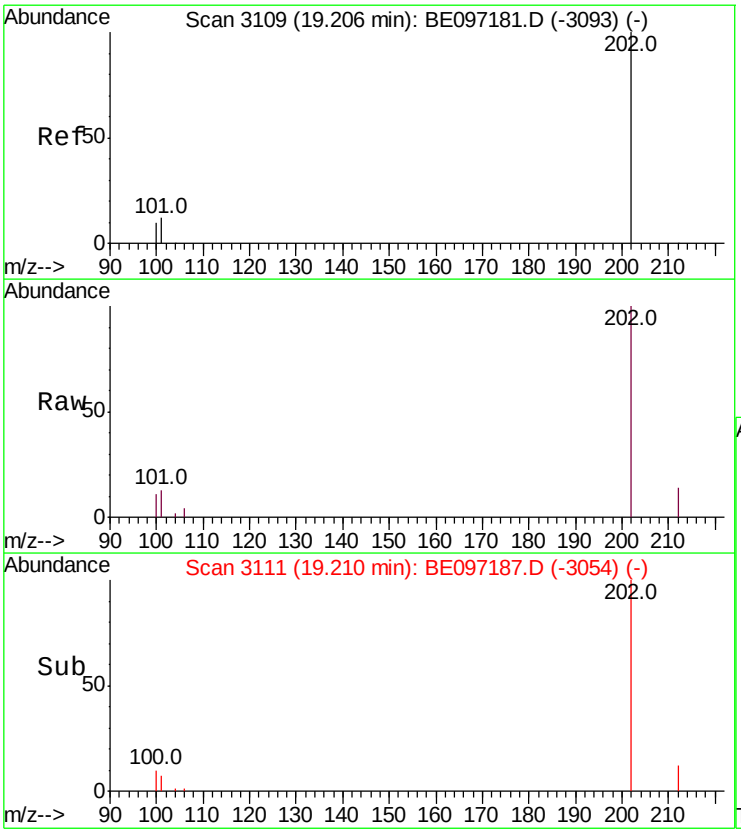
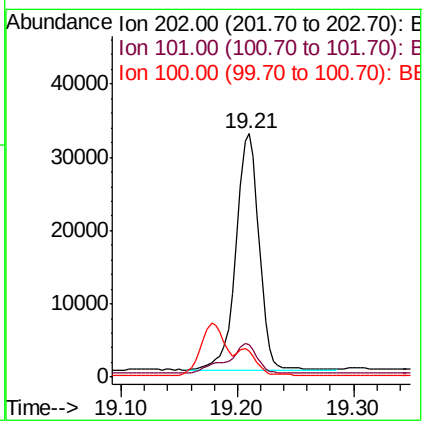
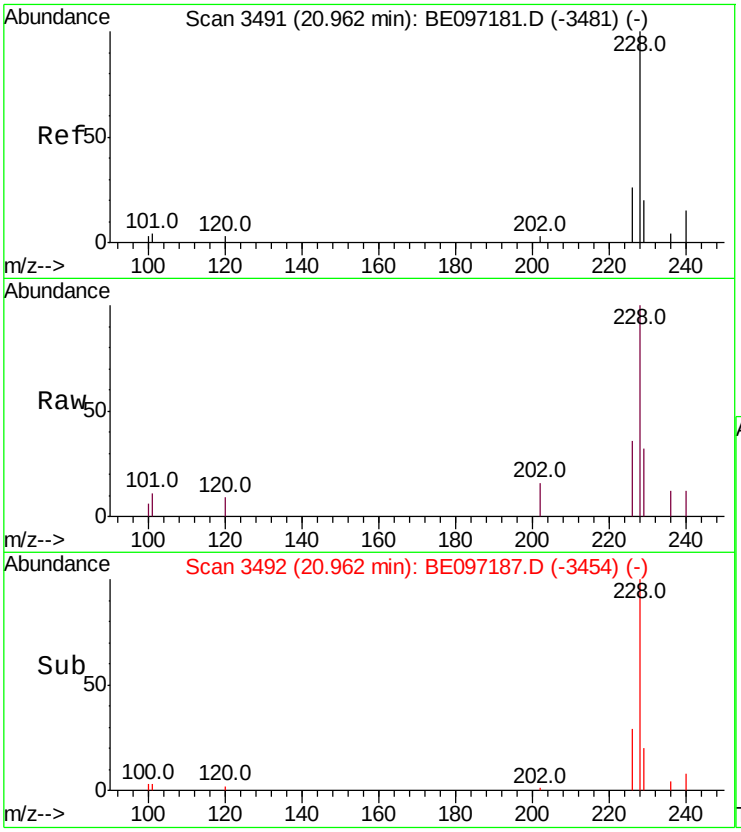


#17
Pyrene
Concen: 1.417 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:202 Resp: 44511

Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	10.8	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.623 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:228 Resp: 20855

Ion	Ratio	Lower	Upper
228	100		
229	31.8	22.8	34.2
226	35.7	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
JJ1L1

Manual Integrations APPROVED
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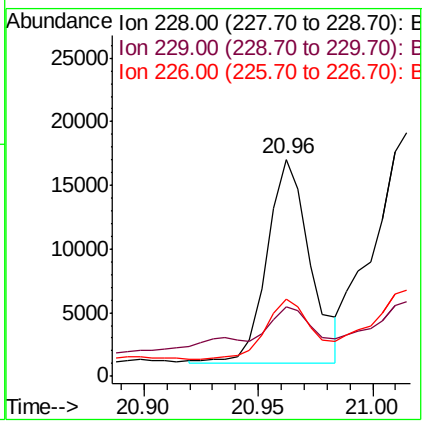
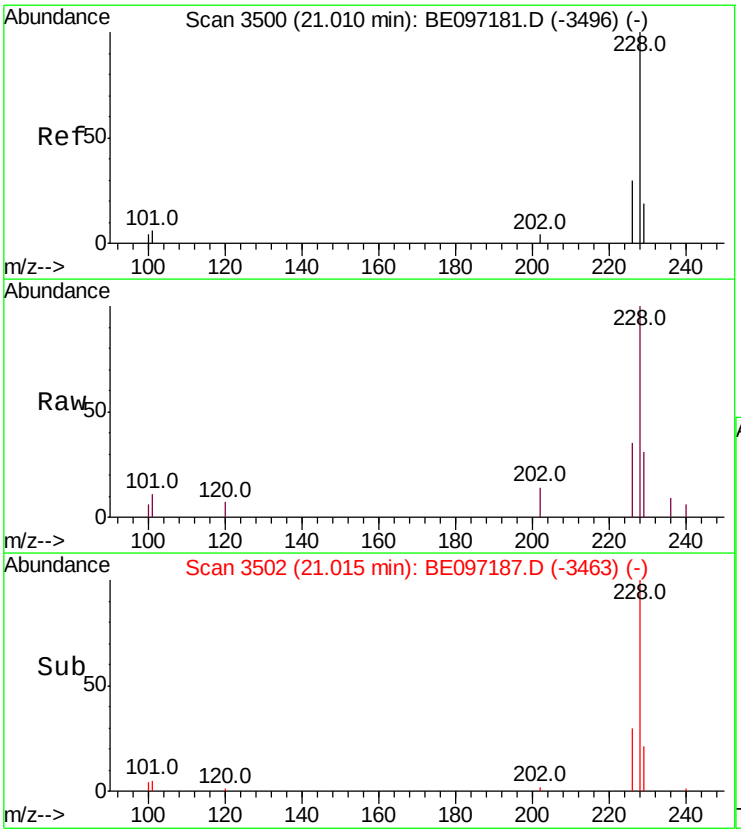
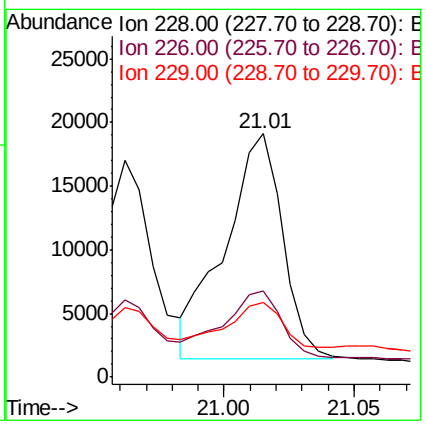


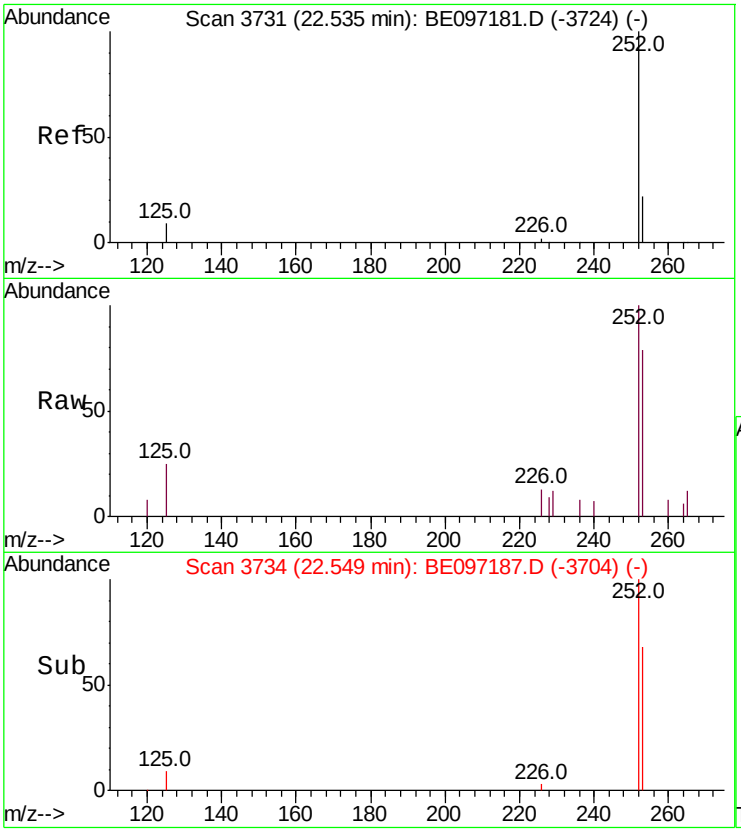


#19
Chrysene
Concen: 0.788 ng/ul m
RT: 21.01 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:228 Resp: 27194

Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.4	35.0#
229	30.8	17.7	26.5#





#21
Benzo(b)fluoranthene
Concen: 1.263 ng/ul m
RT: 22.55 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:252 Resp: 39056

Ion	Ratio	Lower	Upper
252	100		
253	78.6	0.0	64.2#
125	25.2	0.0	35.0

Instrument :
BNA_E
ClientSampleId :
JJ1L1

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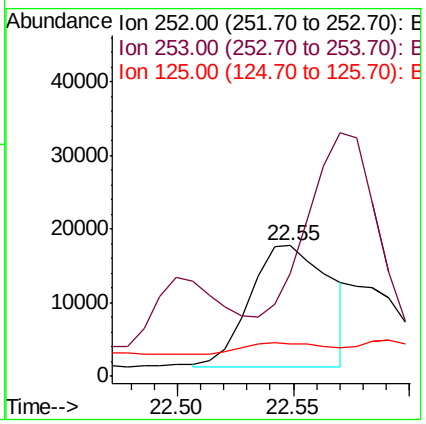
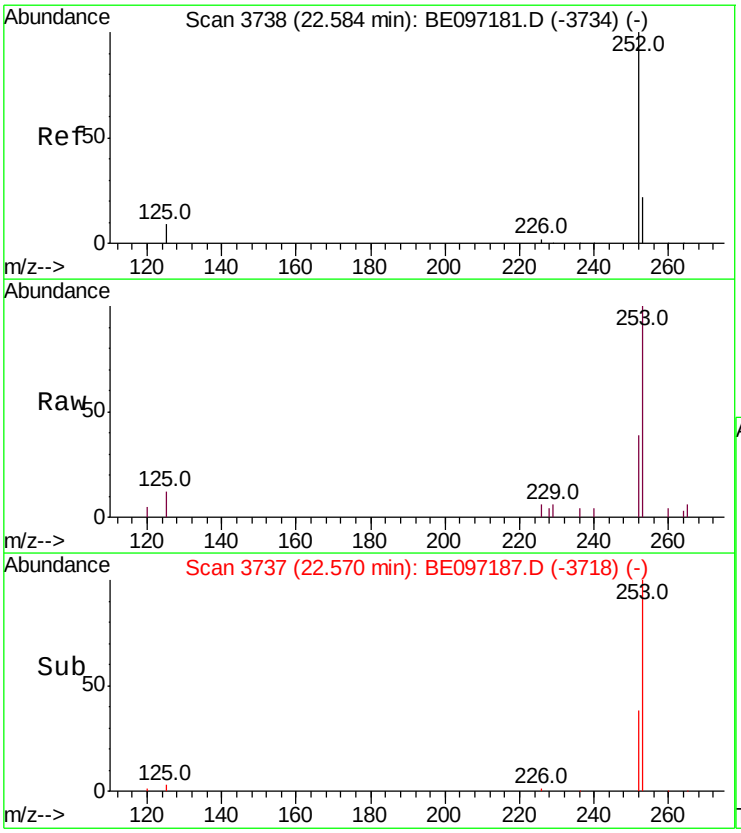
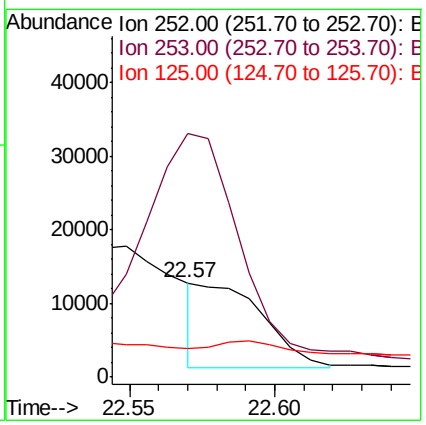


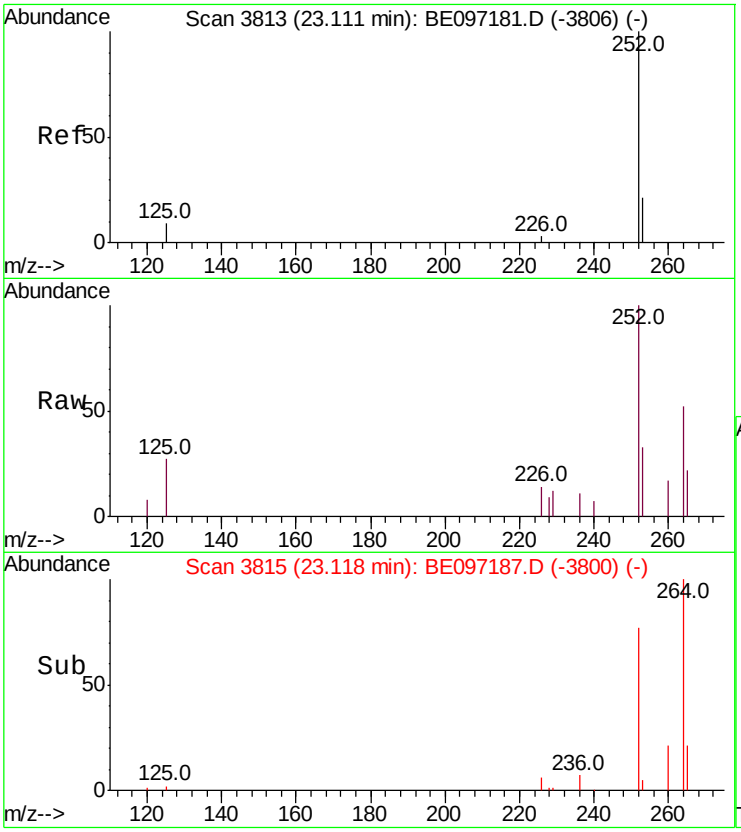


#22
Benzo(k)fluoranthene
Concen: 0.522 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:252 Resp: 17418

Ion	Ratio	Lower	Upper
252	100		
253	258.9	24.5	36.7#
125	30.7	13.7	20.5#

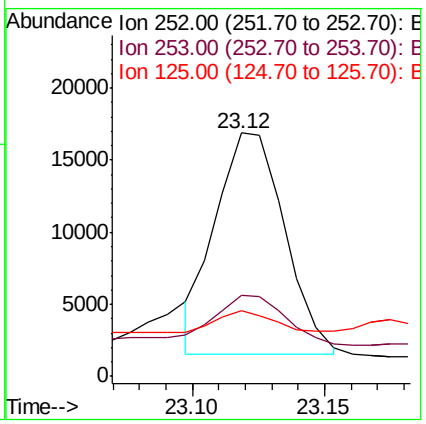




#23
Benzo(a)pyrene
Concen: 0.908 ng/ul m
RT: 23.12 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:252 Resp: 28091

Ion	Ratio	Lower	Upper
252	100		
253	33.0	28.5	42.7
125	26.8	18.1	27.1



Instrument :
BNA_E
ClientSampleId :
JJ1L1

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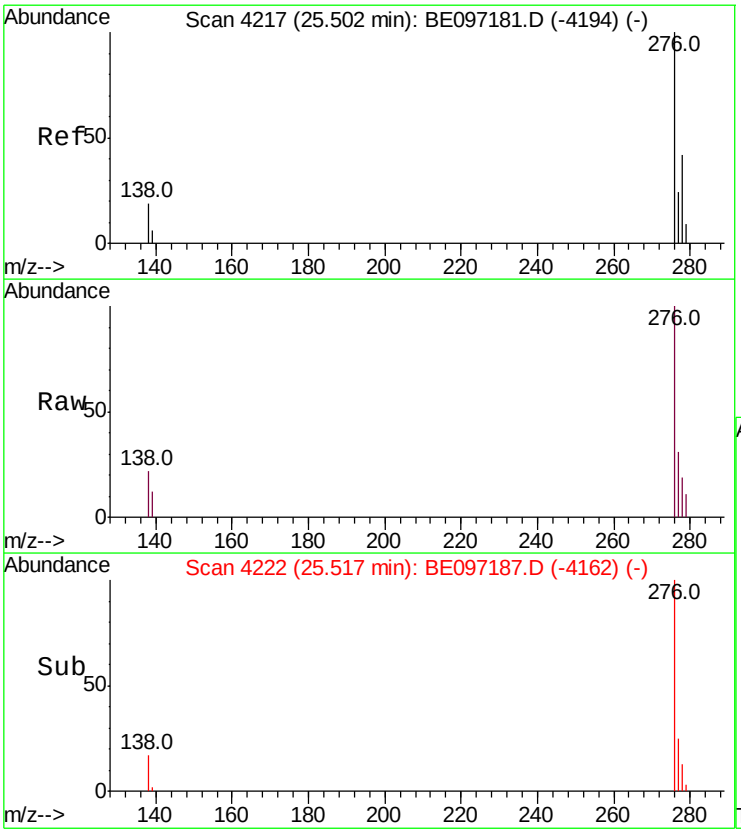
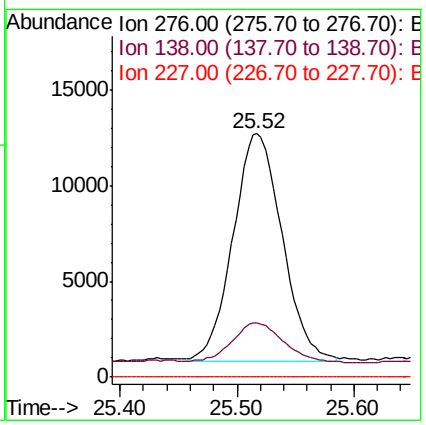
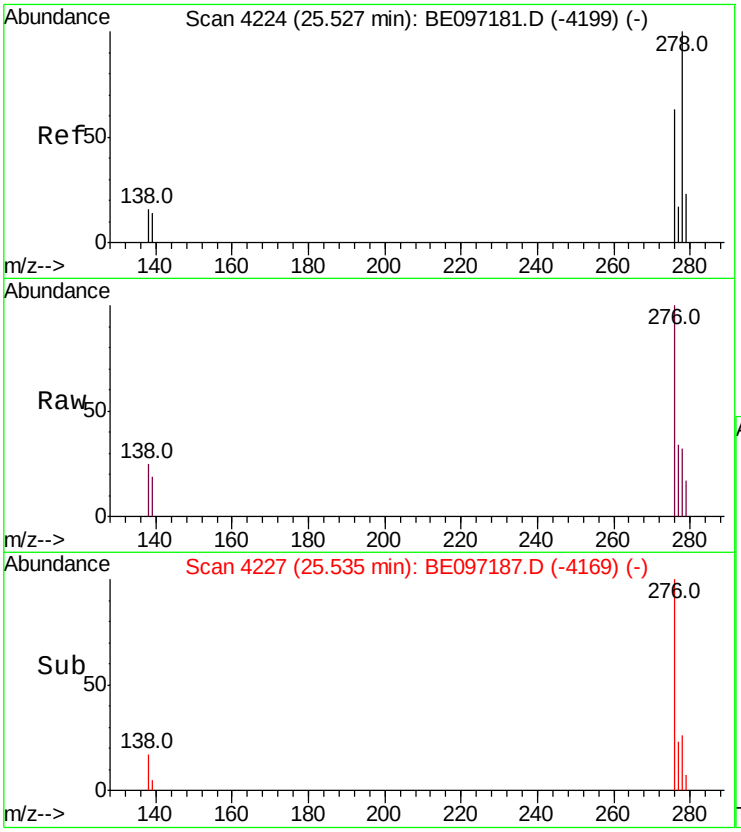


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.889 ng/ul m
RT: 25.52 min Scan# 4222
Delta R.T. 0.01 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:276 Resp: 34438

Ion	Ratio	Lower	Upper
276	100		
138	1.9	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul m
RT: 25.53 min Scan# 4227
Delta R.T. 0.01 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:278 Resp: 6717

Ion	Ratio	Lower	Upper
278	100		
139	59.9	17.4	26.0#
279	53.7	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
JJ1L1

Manual Integrations APPROVED
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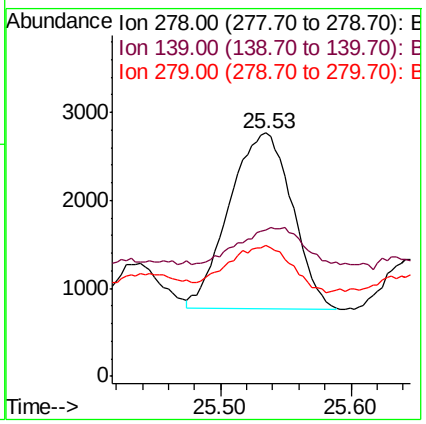

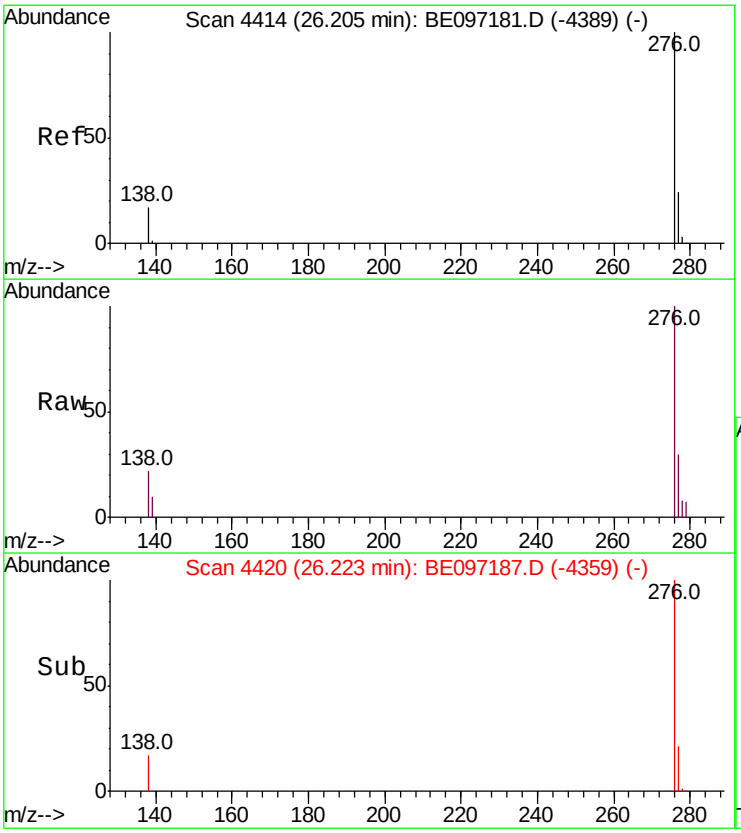

#26
Benzo(g,h,i)perylene
Concen: 1.128 ng/ul m
RT: 26.22 min Scan# 4420
Delta R.T. 0.02 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:276 Resp: 37751

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.8	32.8
277	29.5	20.5	30.7