Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE080618\
Data File : BE097222.D
Acq On : 6 Aug 2018 12:21
Operator : SJ/JU
Sample : J4206-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

Manual Integrations APPROVED
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8/7/2018 6:58:18 PM

Quant Time: Aug 06 17:26:30 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 : Mon Aug 06 17:09:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3471	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8238	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	8947	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10011	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	490	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1360	0.05	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.08	153	899	0.083	ng/ul#	94
9) Fluorene	15.08	166	960	0.077	ng/ul	96
12) Phenanthrene	16.81	178	34205	1.629	ng/ul#	89
13) Anthracene	16.90	178	4836	0.247	ng/ul#	92
15) Fluoranthene	18.84	202	76402	2.752	ng/ul	83
17) Pyrene	19.20	202	79615	3.321	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	31577	1.235	ng/ul#	85
19) Chrysene	21.01	228	39196	1.488	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	44646m	1.636	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	21360m	0.726	ng/ul	
23) Benzo(a)pyrene	23.11	252	36350	1.331	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	28020	0.820	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.52	278	5927	0.212	ng/ul	96
26) Benzo(g,h,i)perylene	26.20	276	27183	0.921	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE080618\
Data File : BE097222.D
Acq On : 6 Aug 2018 12:21
Operator : SJ/JU
Sample : J4206-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 17:26:30 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 : Mon Aug 06 17:09:49 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

Manual Integrations APPROVED
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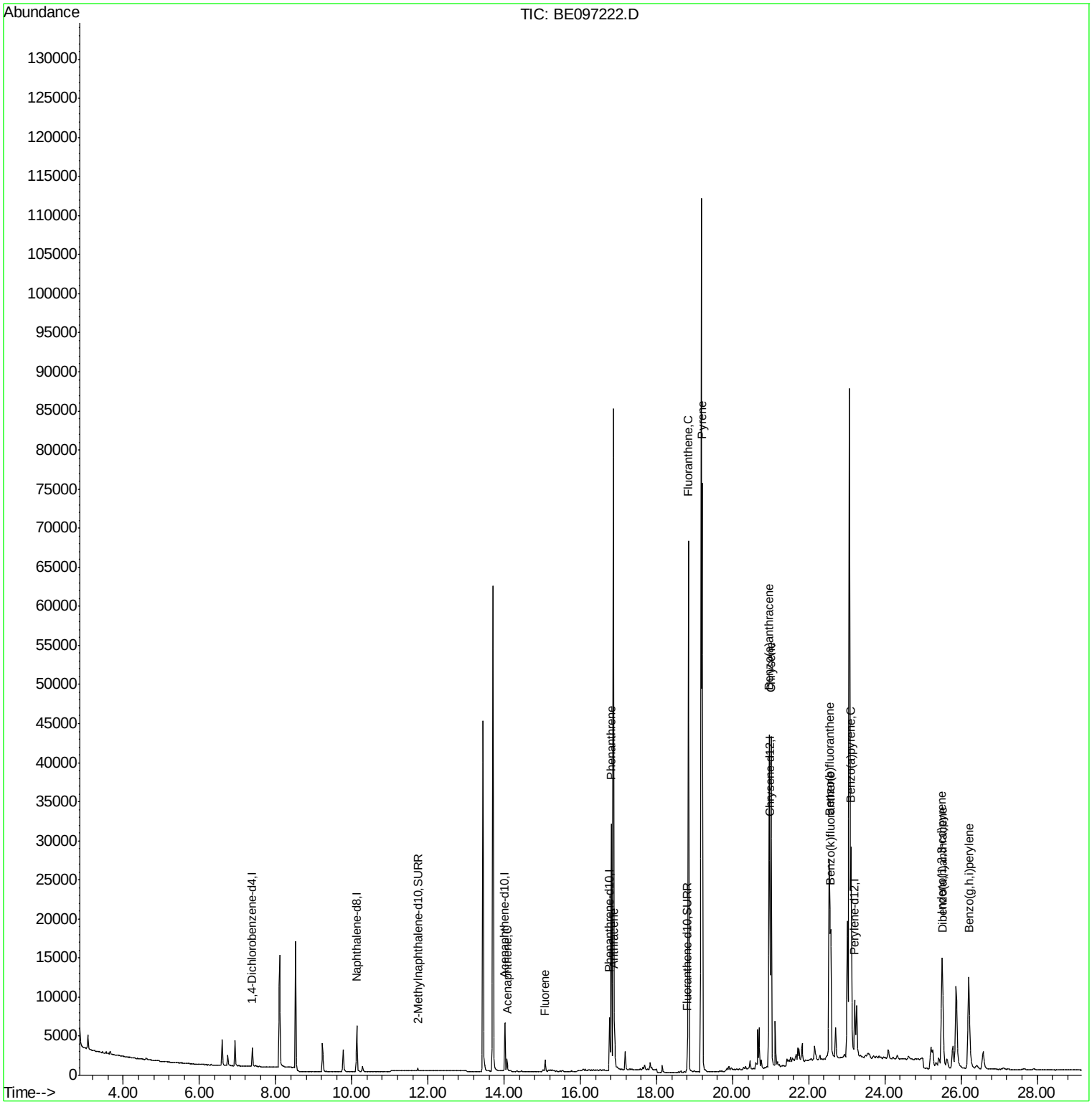

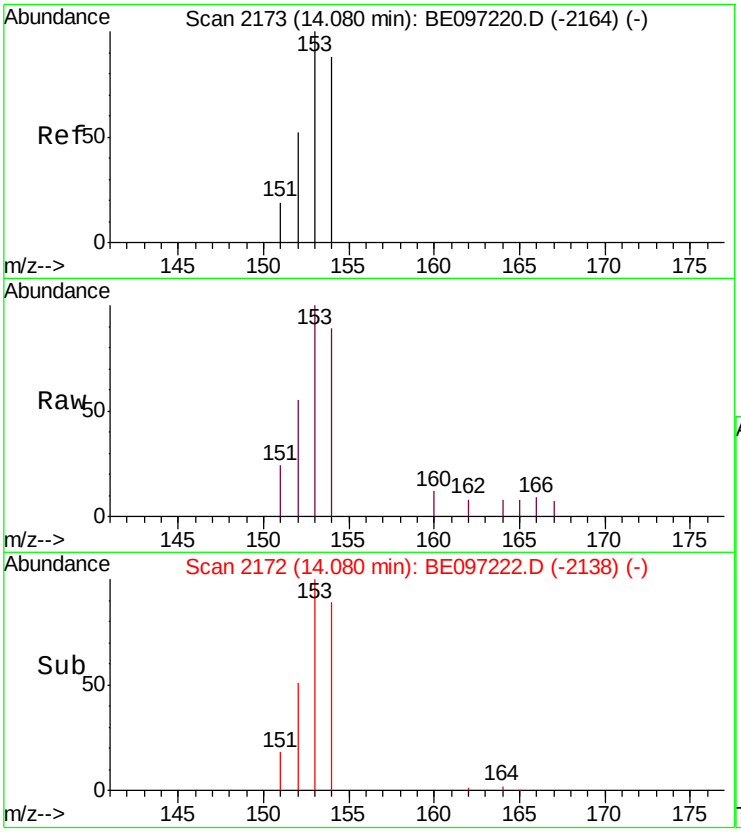

#8
Acenaphthene
Concen: 0.083 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:153 Resp: 899

Ion	Ratio	Lower	Upper
153	100		
152	55.1	36.0	54.0#
154	89.5	72.0	108.0

Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

Manual Integrations APPROVED
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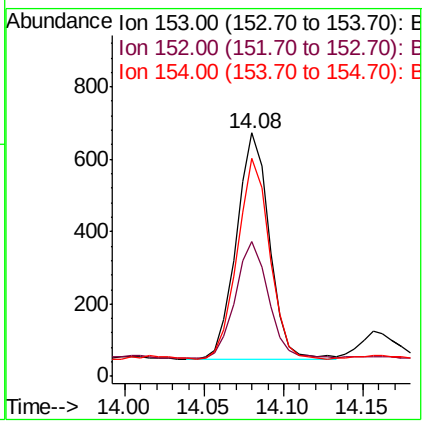
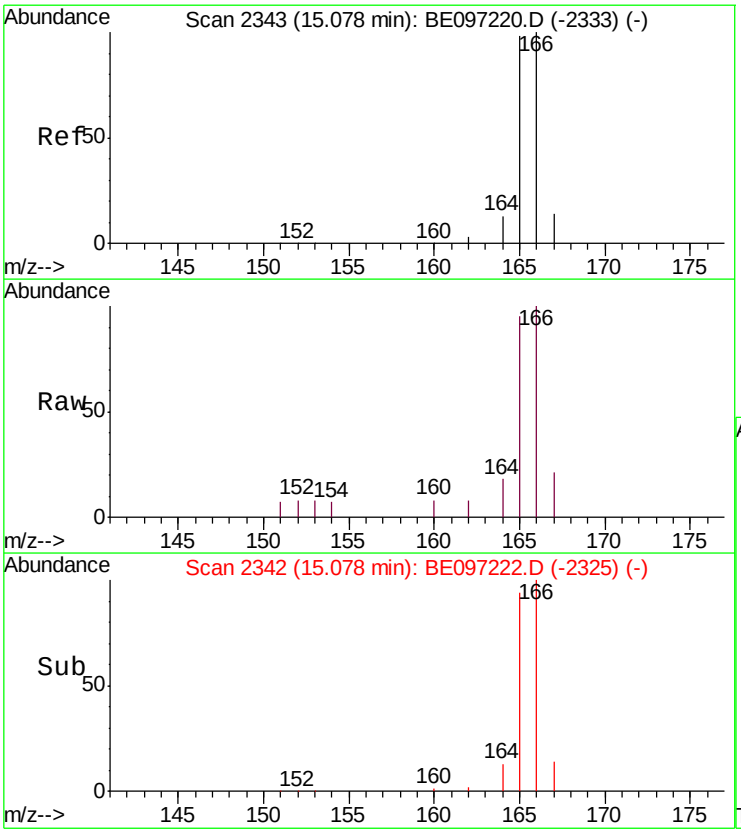
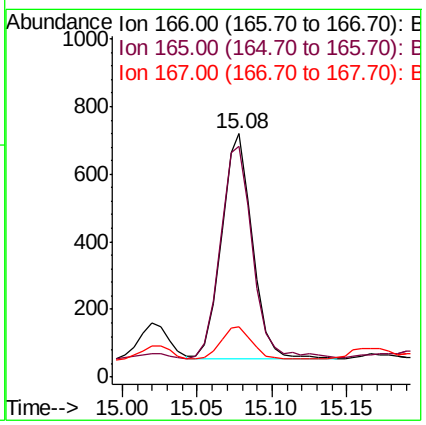


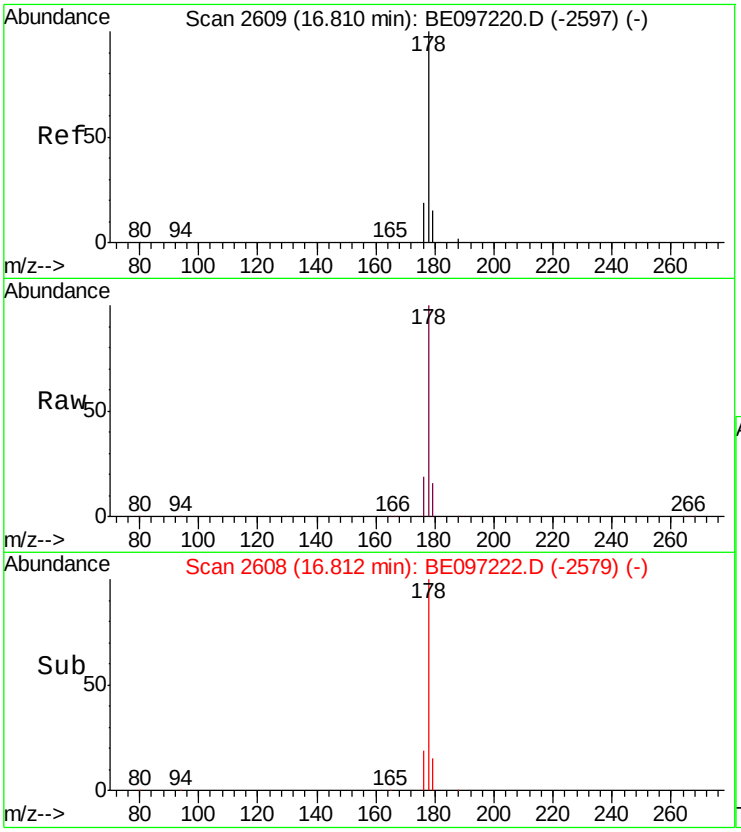


#9
Fluorene
Concen: 0.077 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:166 Resp: 960

Ion	Ratio	Lower	Upper
166	100		
165	94.7	73.4	110.2
167	20.8	14.6	22.0





#12
Phenanthrene
Concen: 1.629 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:178 Resp: 34205

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.3	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

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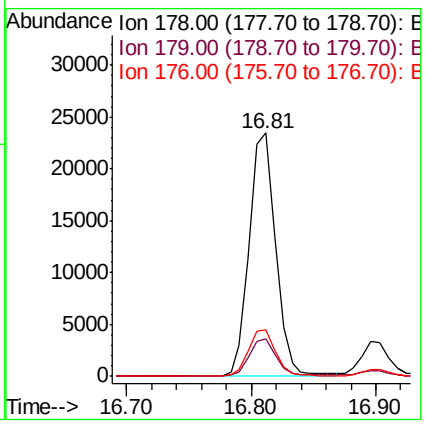
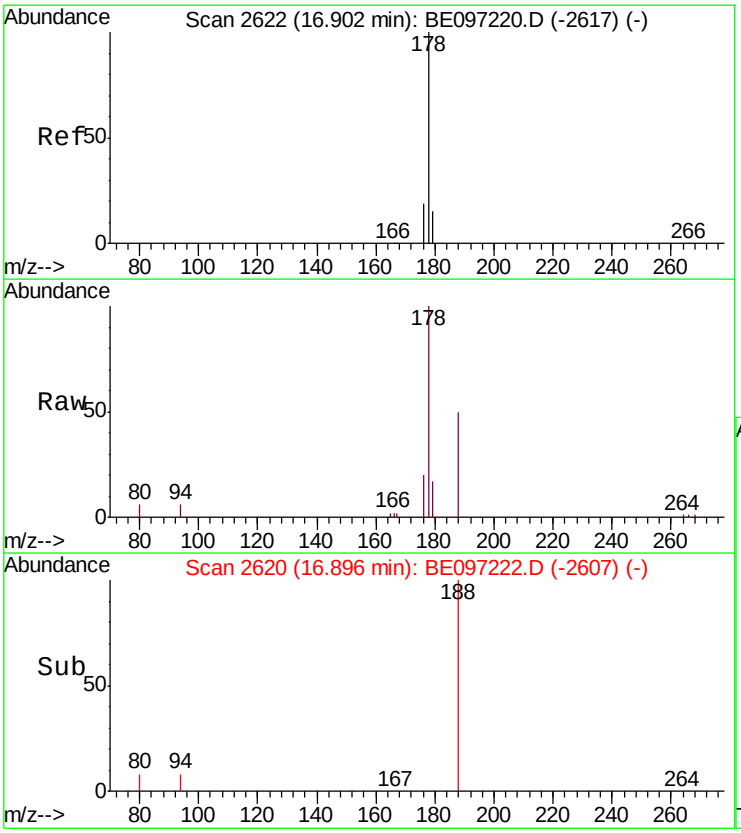
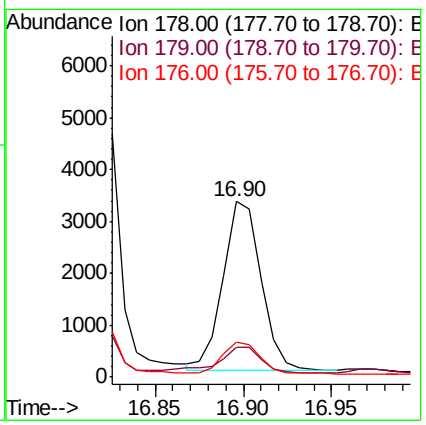


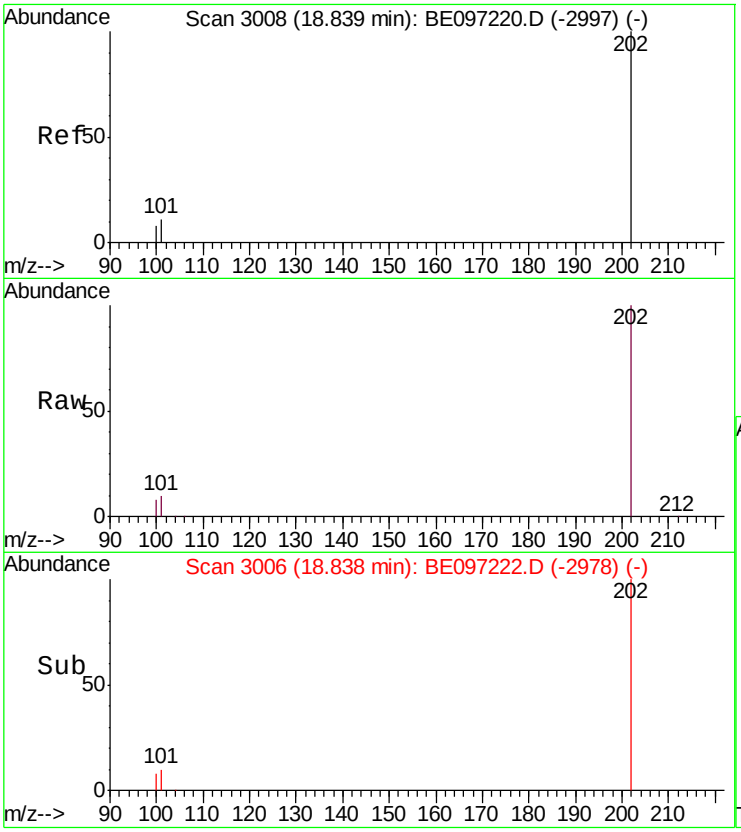


#13
Anthracene
Concen: 0.247 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:178 Resp: 4836

Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1#
176	20.2	14.7	22.1

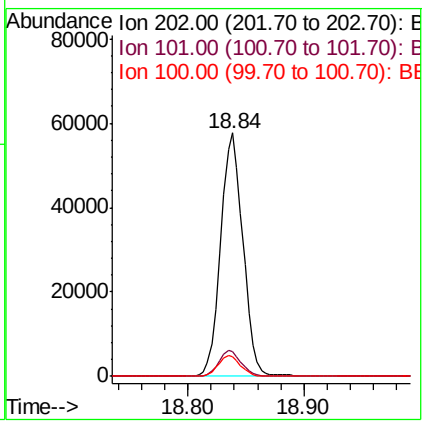




#15
Fluoranthene
Concen: 2.752 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:202 Resp: 76402

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	7.9	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

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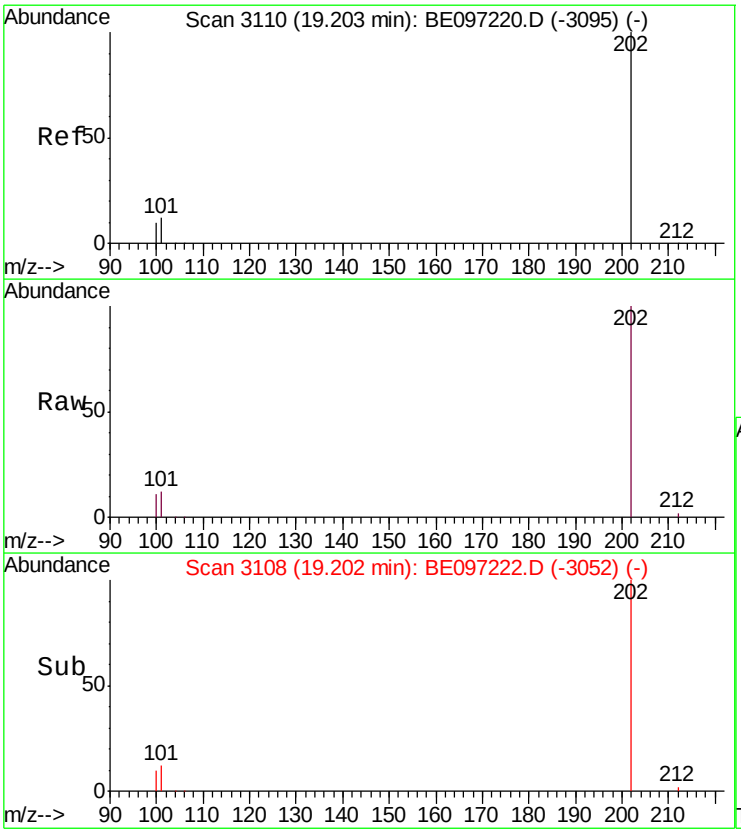
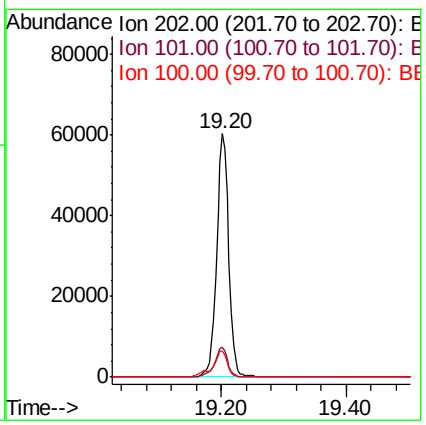
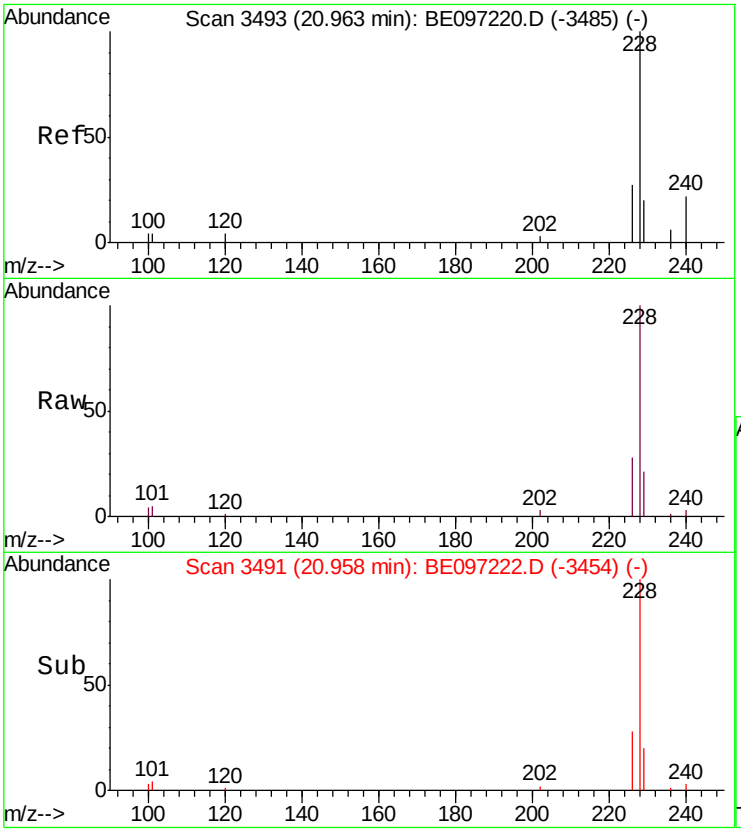


#17
Pyrene
Concen: 3.321 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:202 Resp: 79615

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.6	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 1.235 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:228 Resp: 31577

Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	28.2	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

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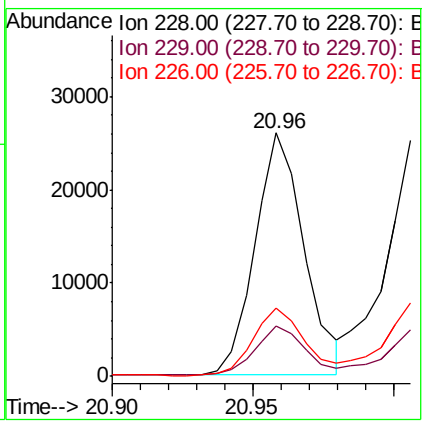
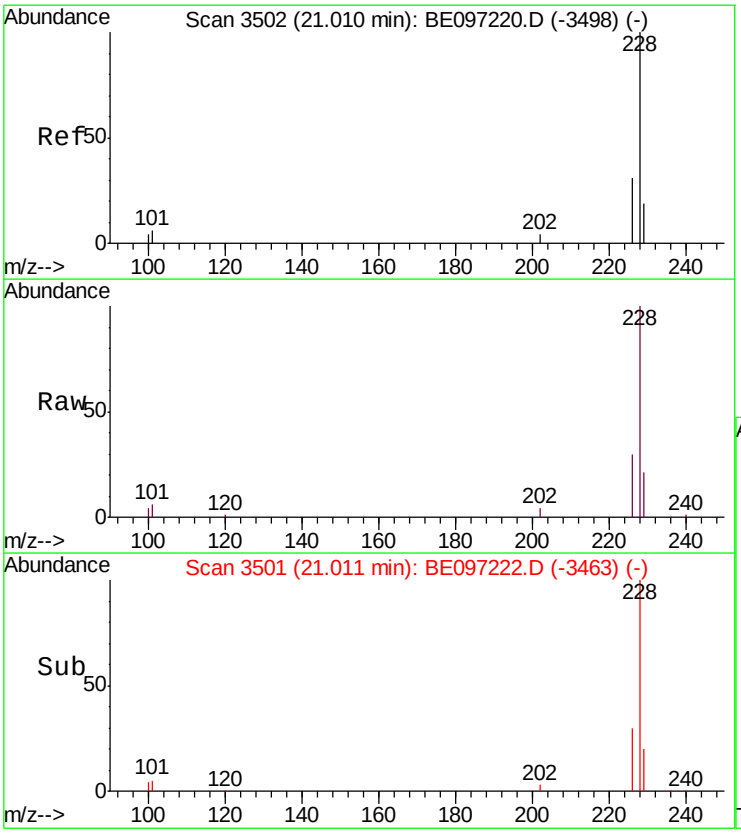
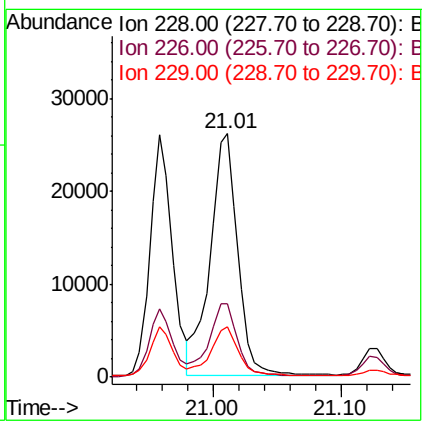


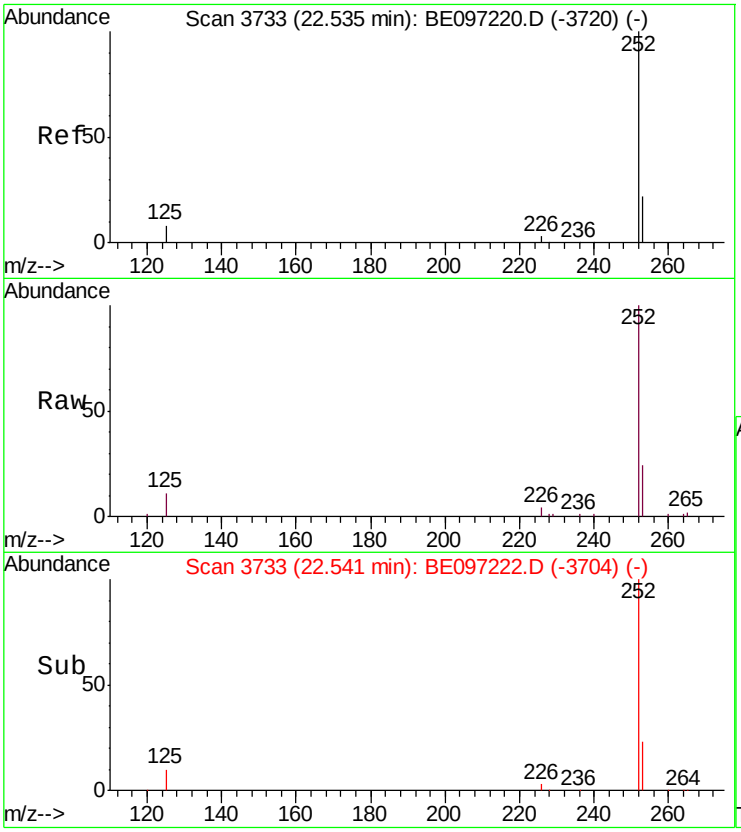


#19
Chrysene
Concen: 1.488 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:228 Resp: 39196

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.6	17.7	26.5

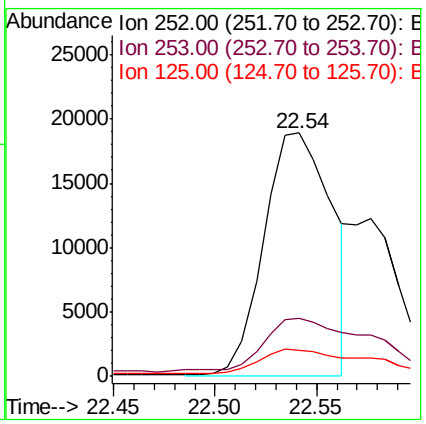




#21
Benzo(b)fluoranthene
Concen: 1.636 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:252 Resp: 44646

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	64.2
125	10.8	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

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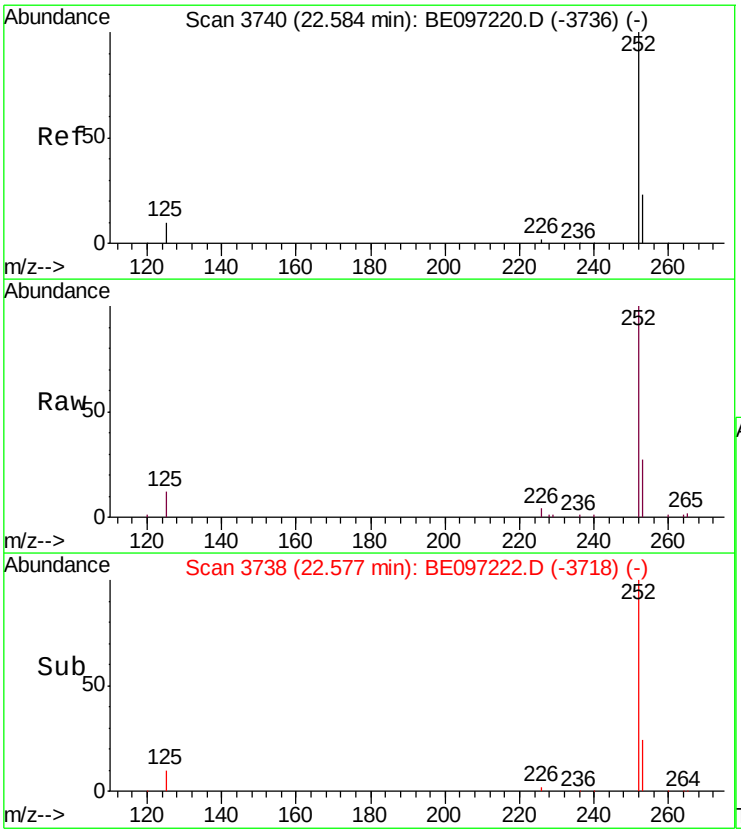
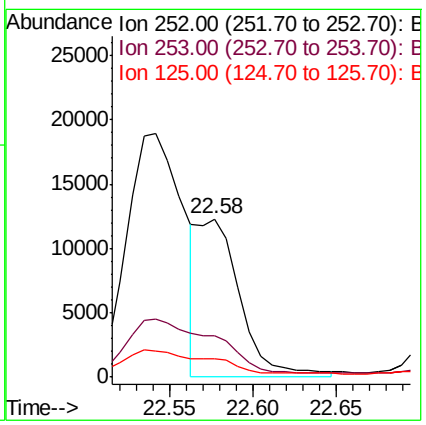
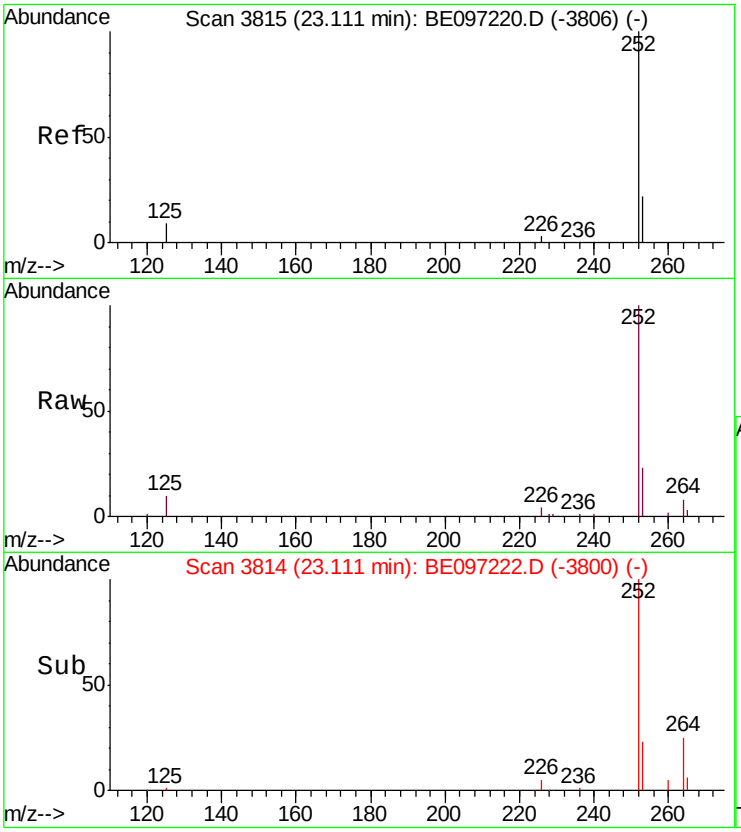


#22
Benzo(k)fluoranthene
Concen: 0.726 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:252 Resp: 21360

Ion	Ratio	Lower	Upper
252	100		
253	26.6	24.5	36.7
125	11.9	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 1.331 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:252 Resp: 36350

Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	10.3	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

Manual Integrations APPROVED
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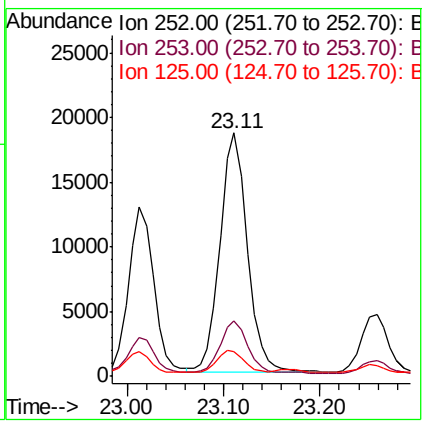
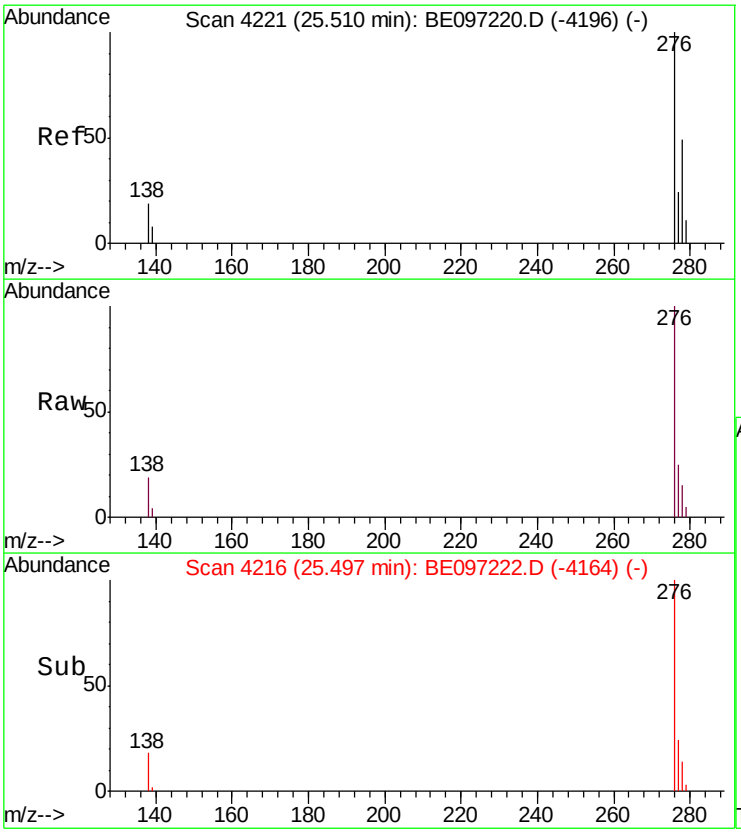
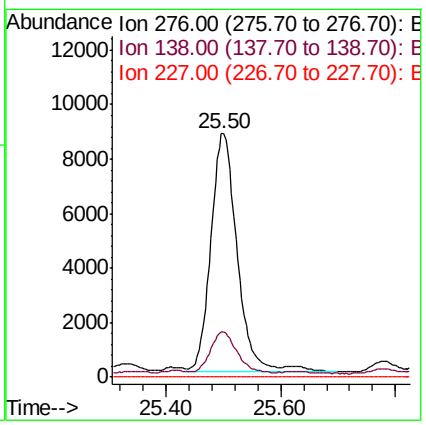


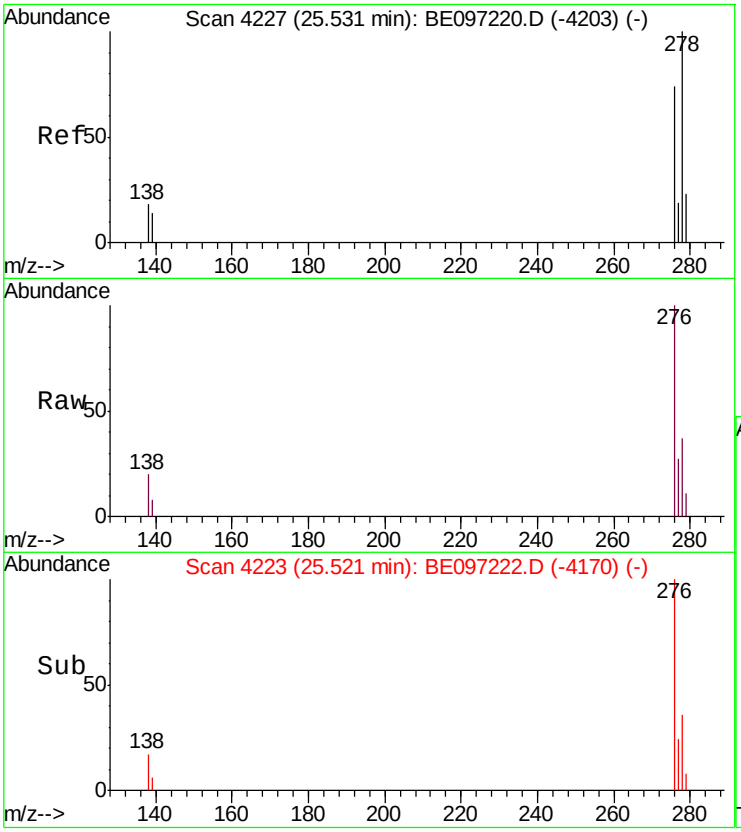


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.820 ng/ul
RT: 25.50 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:276 Resp: 28020

Ion	Ratio	Lower	Upper
276	100		
138	17.2	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:278 Resp: 5927

Ion	Ratio	Lower	Upper
278	100		
139	22.2	17.4	26.0
279	29.2	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
JJ1K9DL

Manual Integrations APPROVED
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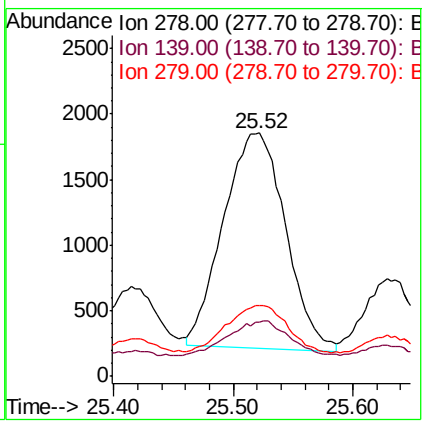

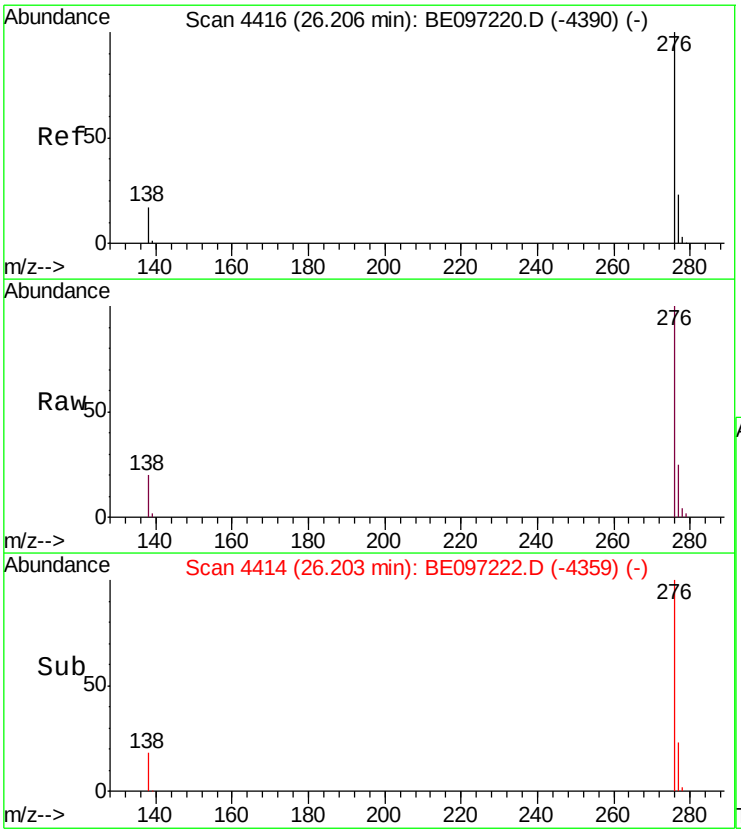

#26
Benzo(g,h,i)perylene
Concen: 0.921 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE097222.D
Acq: 6 Aug 2018 12:21

Tgt Ion:276 Resp: 27183

Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	24.9	20.5	30.7