Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
Data File : BE097248.D
Acq On : 9 Aug 2018 13:21
Operator : SJ/JU
Sample : J4268-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:22 PM

Quant Time: Aug 09 16:23:36 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 : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1242	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6548	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3748	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8706	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	9295	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10162	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	389	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	946	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	5434	0.343	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	932	0.089	ng/ul	99
7) Acenaphthylene	13.73	152	2182	0.135	ng/ul	97
8) Acenaphthene	14.08	153	438	0.037	ng/ul#	90
9) Fluorene	15.08	166	1047	0.078	ng/ul	96
12) Phenanthrene	16.81	178	33640	1.516	ng/ul#	89
13) Anthracene	16.90	178	4700	0.227	ng/ul#	92
15) Fluoranthene	18.84	202	103525	3.529	ng/ul	84
17) Pyrene	19.20	202	86176	3.460	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	42715	1.608	ng/ul#	83
19) Chrysene	21.01	228	54115	1.977	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	83213m	3.004	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	24970m	0.836	ng/ul	
23) Benzo(a)pyrene	23.11	252	51431	1.856	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	44746	1.290	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	9264	0.326	ng/ul	90
26) Benzo(g,h,i)perylene	26.20	276	42835	1.429	ng/ul#	90

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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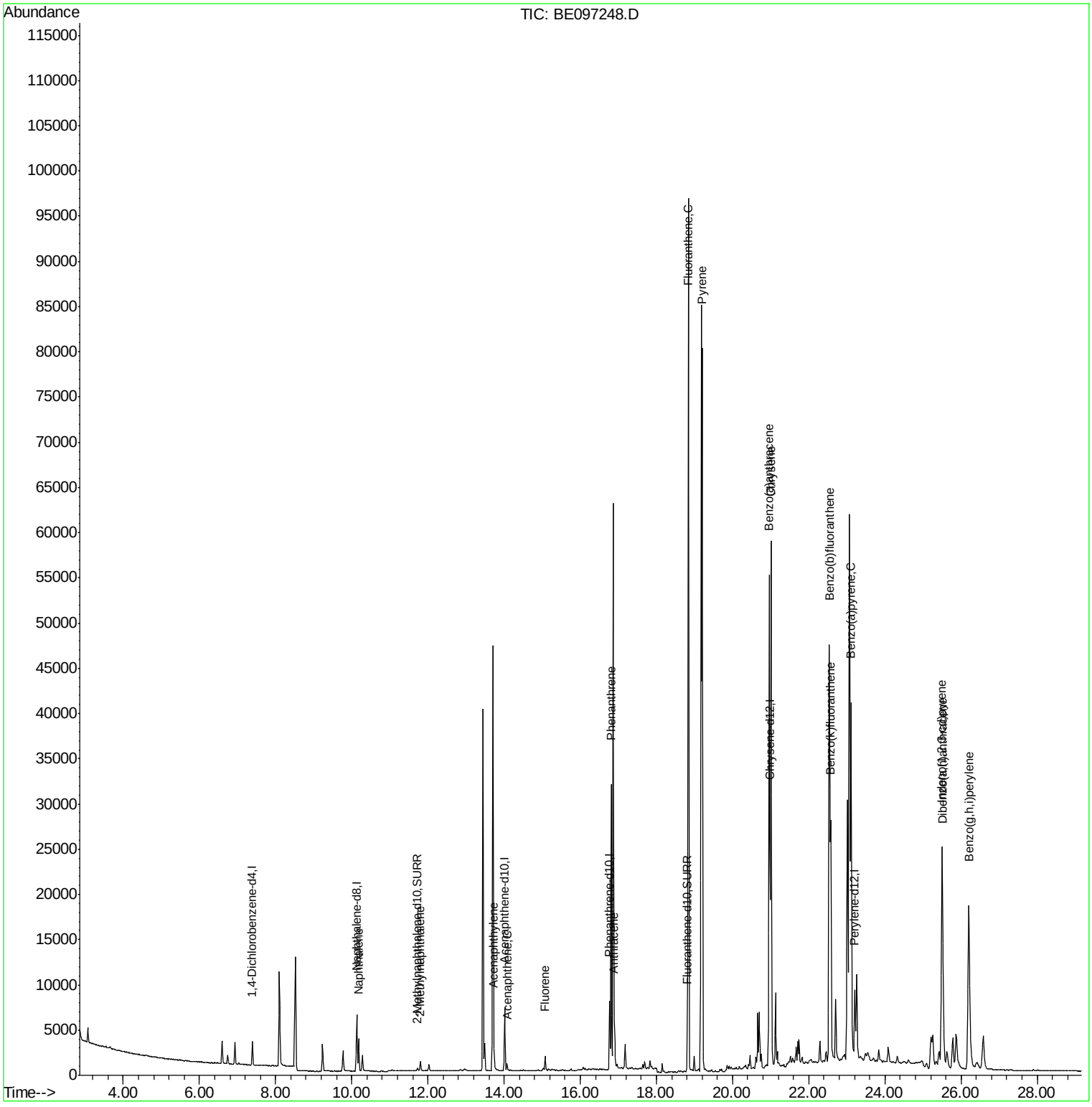
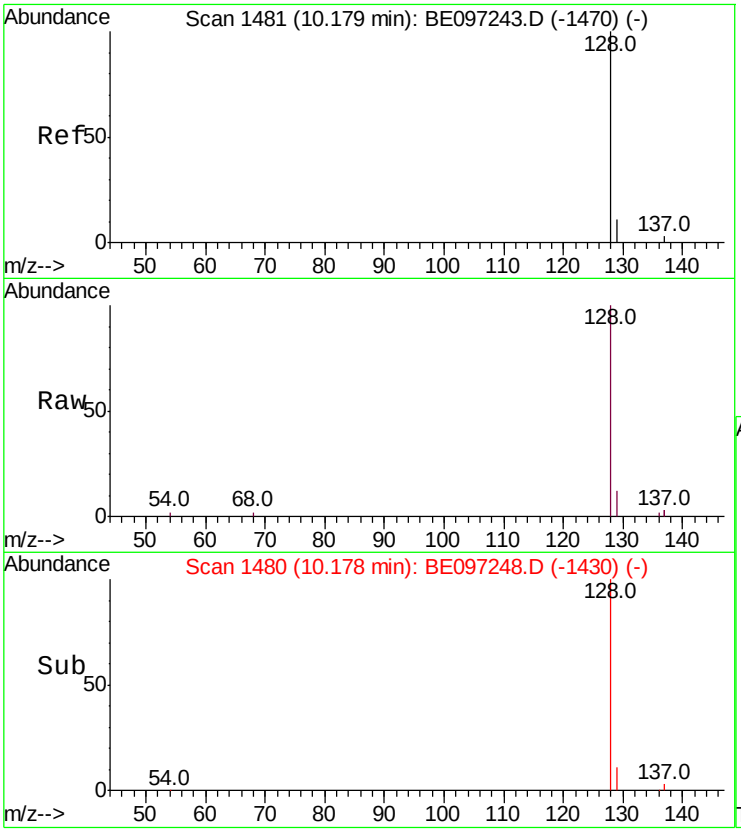
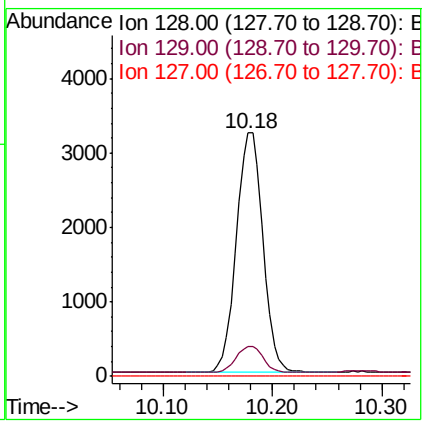




#3
Naphthalene
Concen: 0.343 ng/ul
RT: 10.18 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:128 Resp: 5434

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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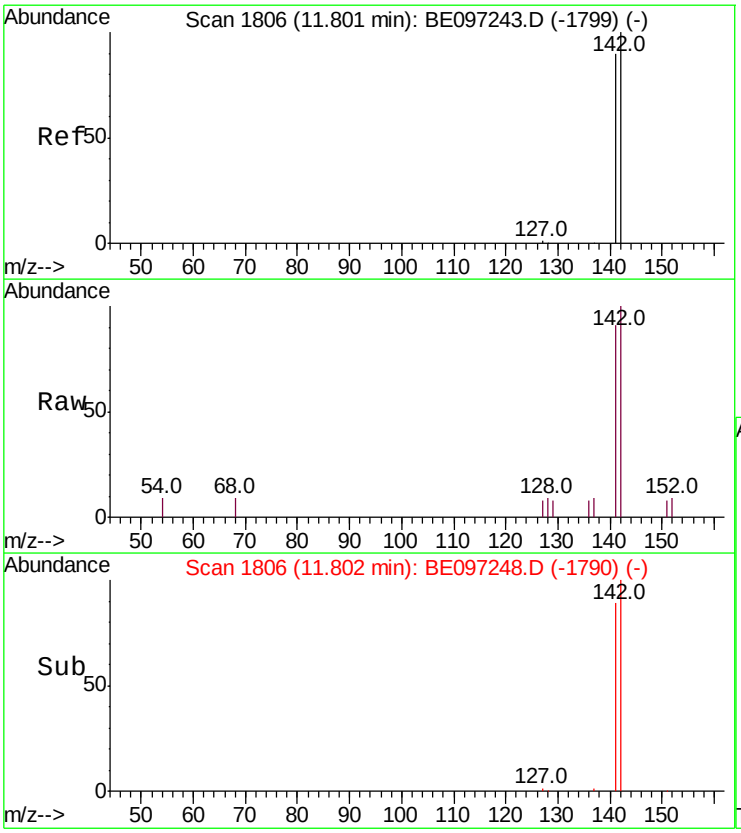
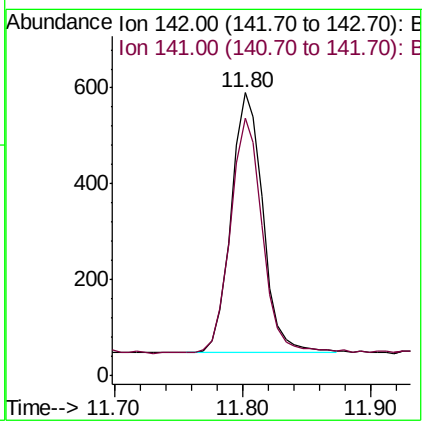
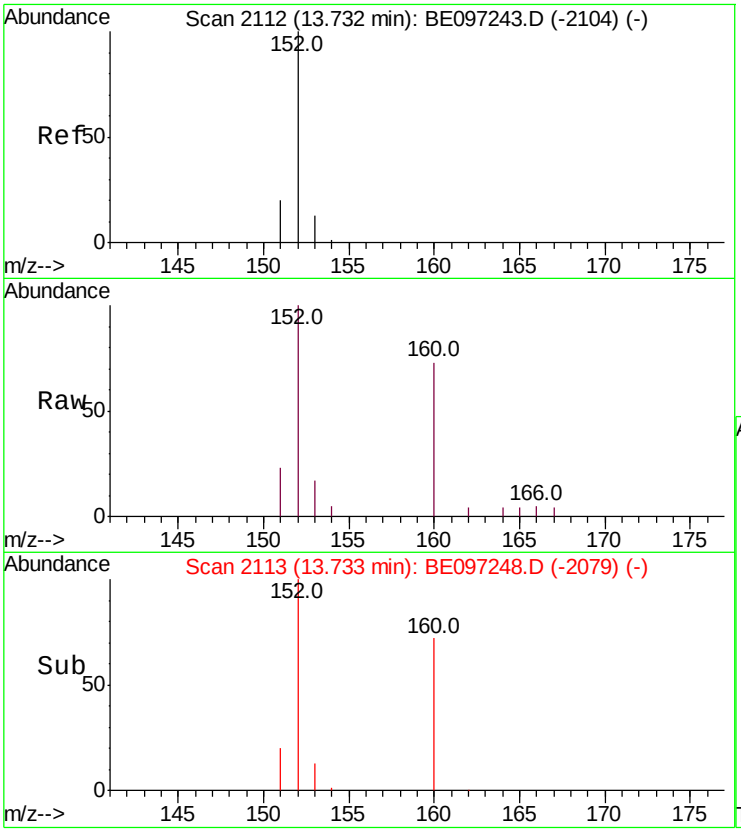


#5
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:142 Resp: 932

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8





#7
Acenaphthylene
Concen: 0.135 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:152 Resp: 2182

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	16.7	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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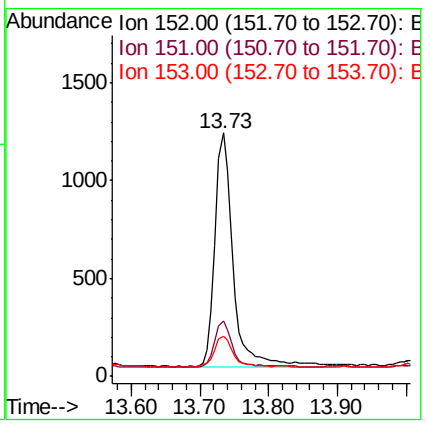
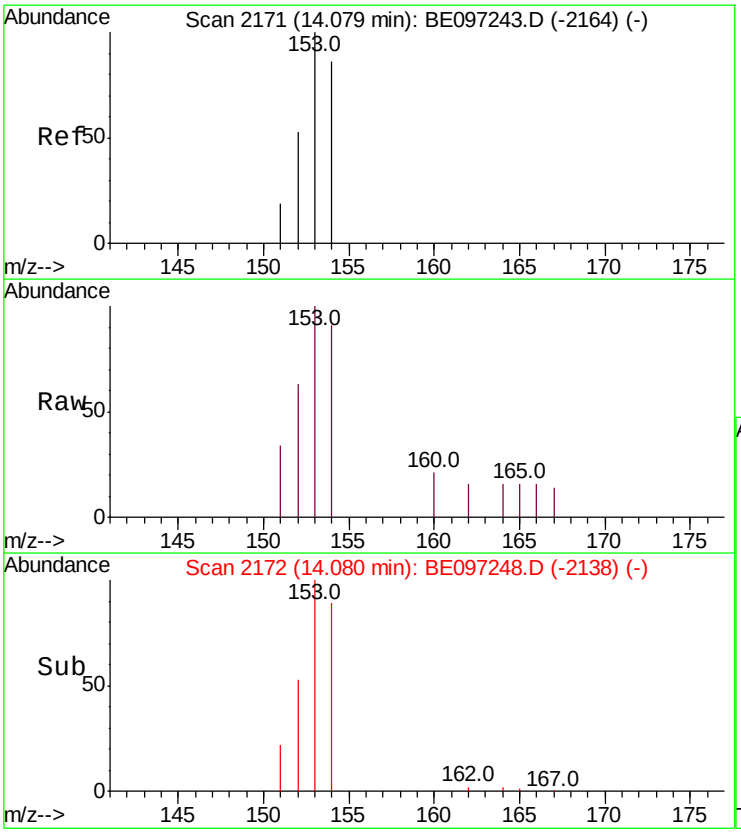
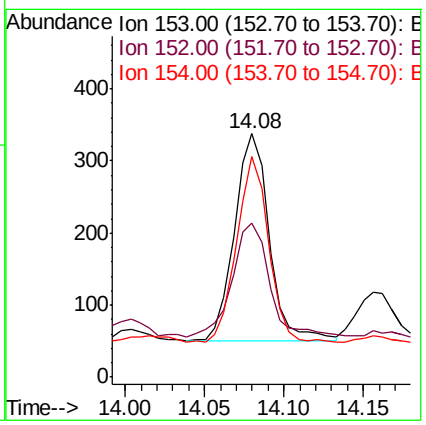


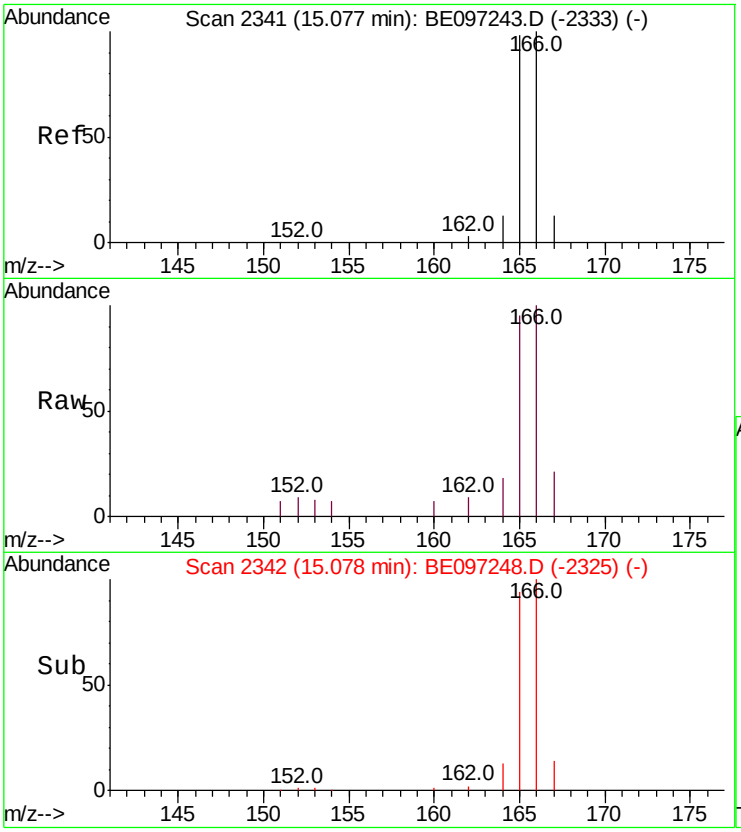


#8
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:153 Resp: 438

Ion	Ratio	Lower	Upper
153	100		
152	63.0	36.0	54.0#
154	90.5	72.0	108.0





#9
Fluorene
Concen: 0.078 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:166 Resp: 1047

Ion	Ratio	Lower	Upper
166	100		
165	95.2	73.4	110.2
167	21.1	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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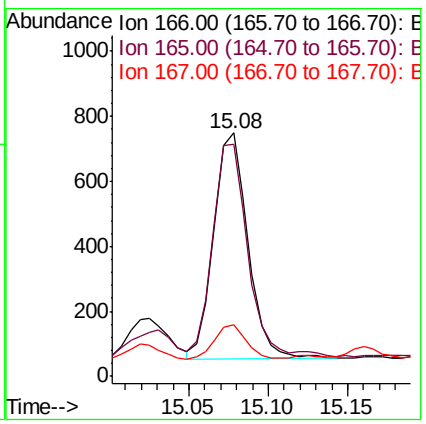
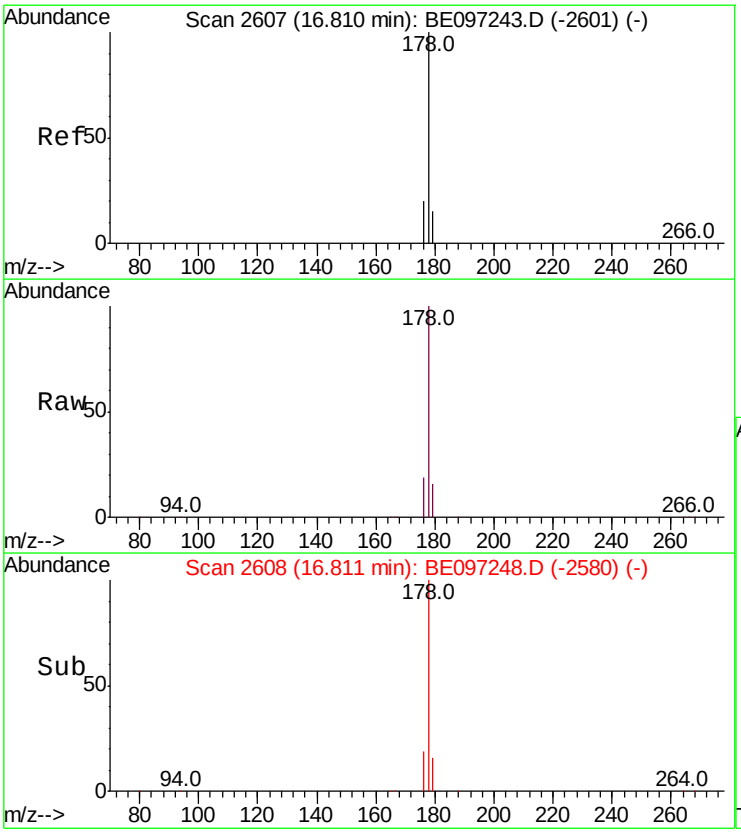
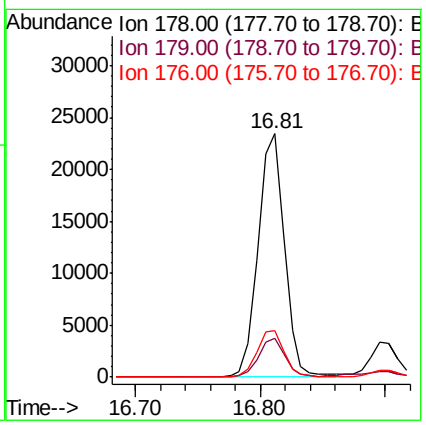


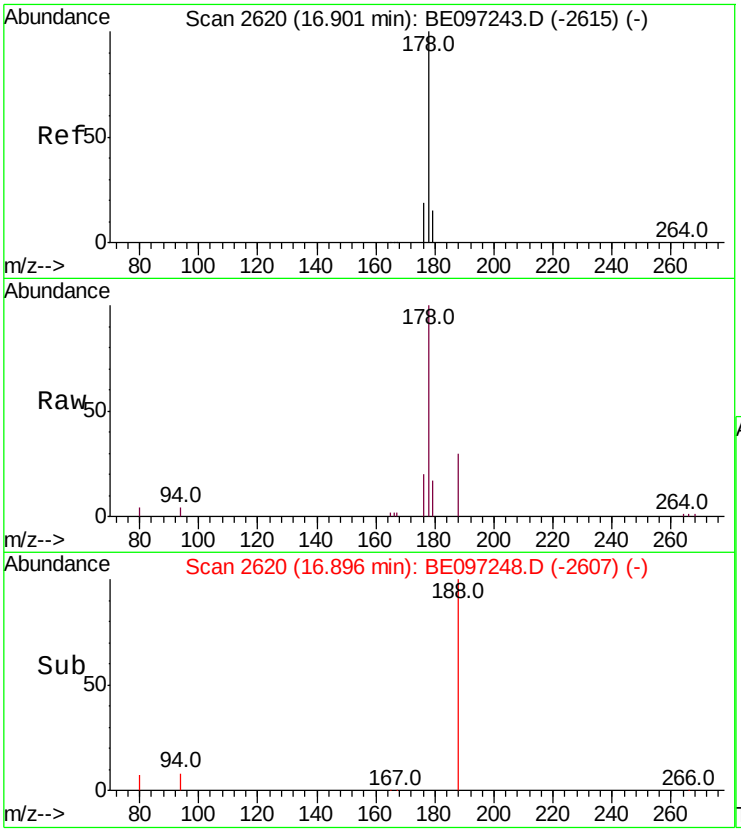


#12
Phenanthrene
Concen: 1.516 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:178 Resp: 33640

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.0	13.6	20.4

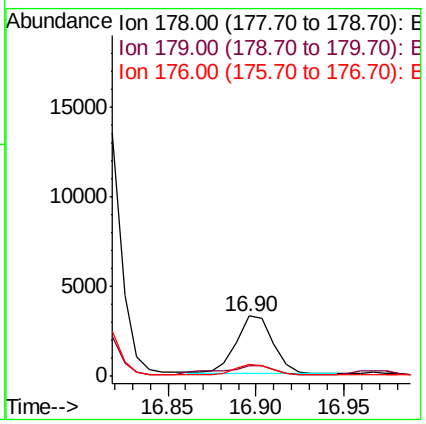




#13
Anthracene
Concen: 0.227 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:178 Resp: 4700

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.1	27.1#
176	20.0	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AC6DL

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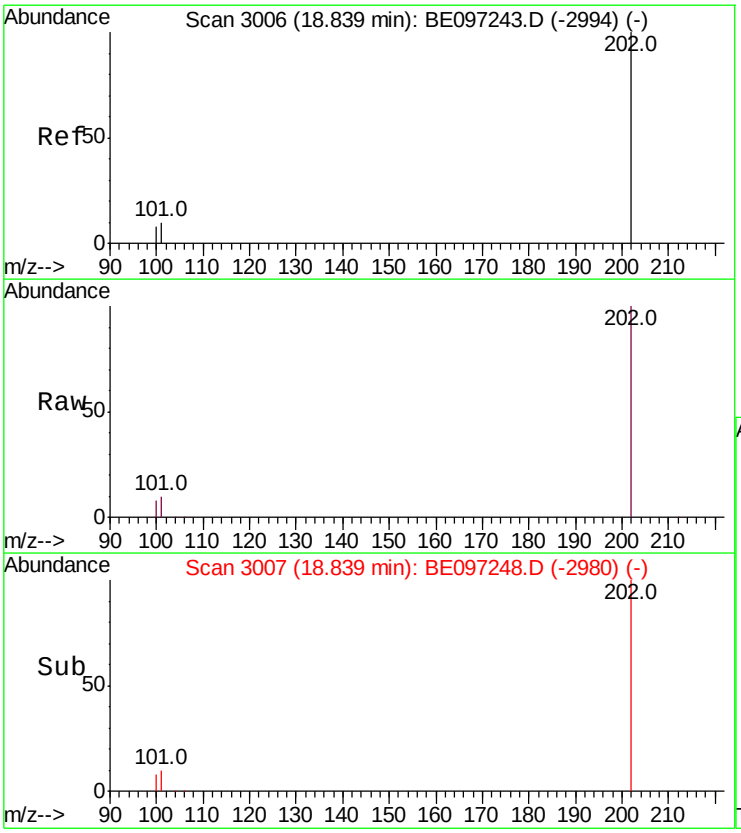
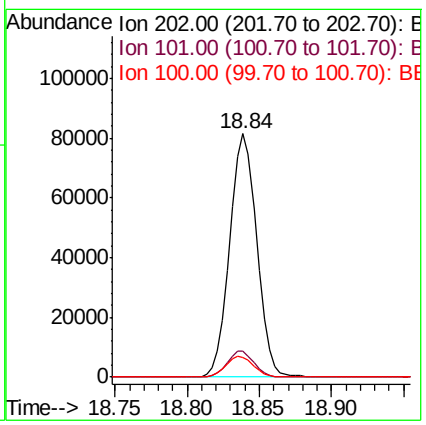
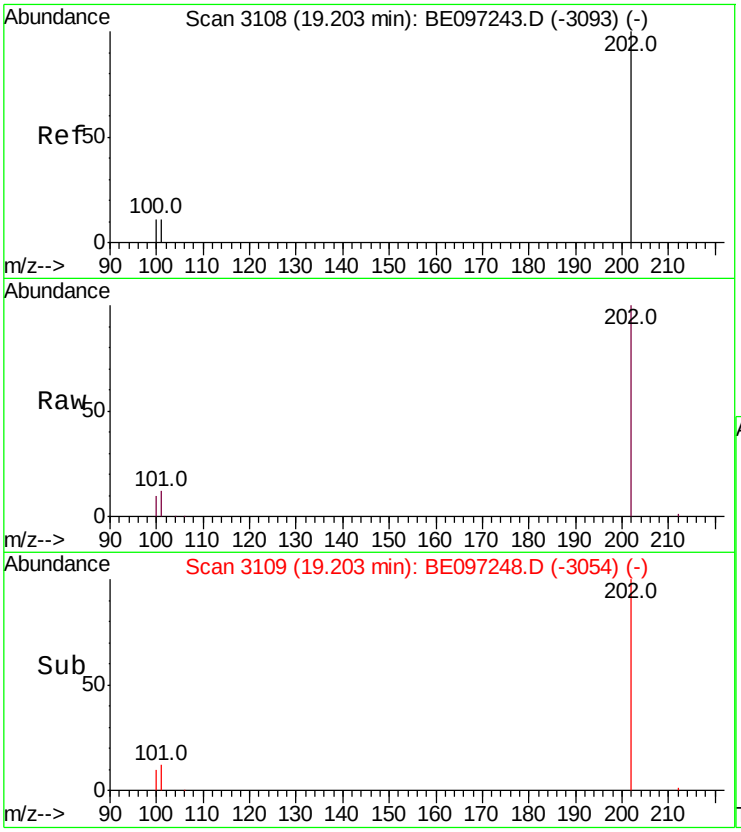


#15
Fluoranthene
Concen: 3.529 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:202 Resp: 103525

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.3	0.0	39.5





#17
Pyrene
Concen: 3.460 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:202 Resp: 86176

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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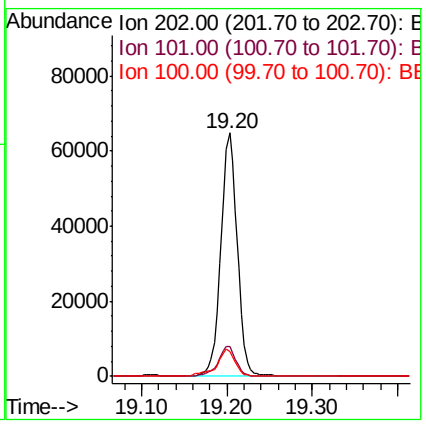
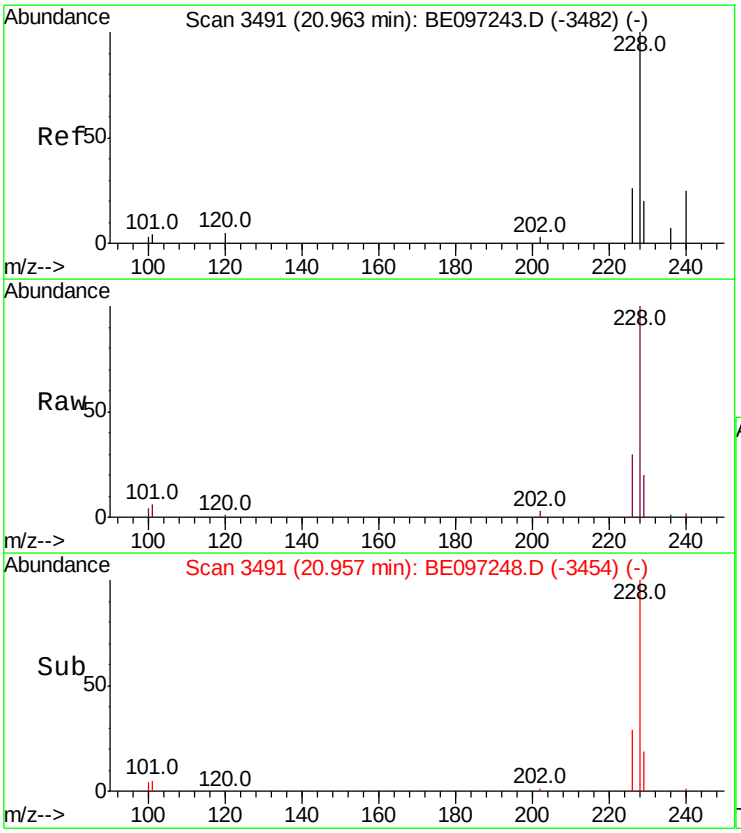
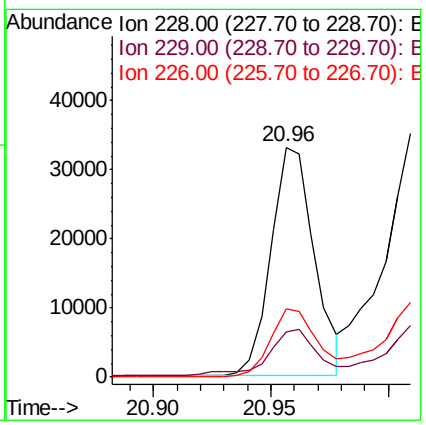


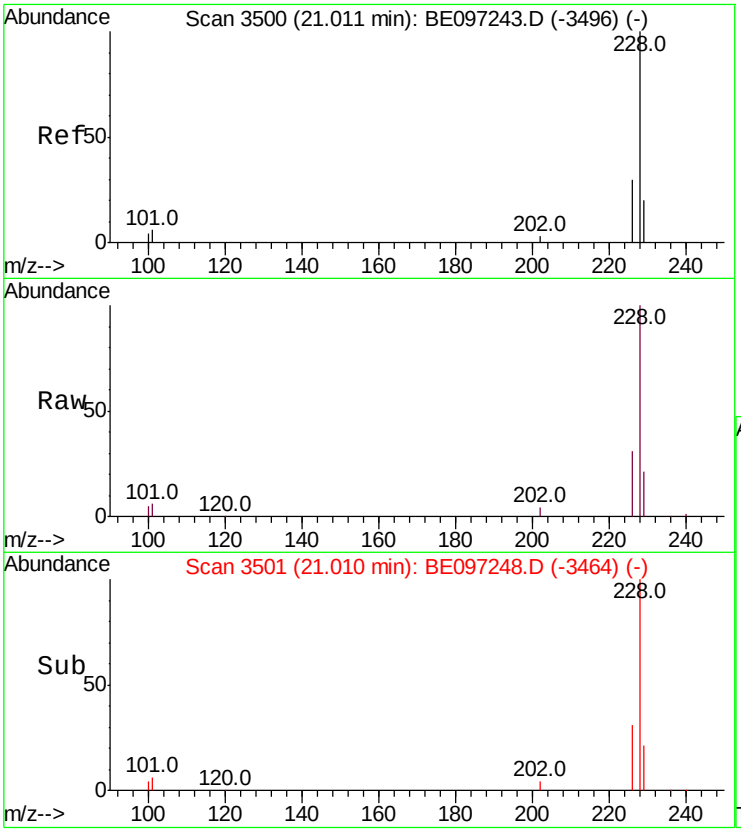


#18
Benzo(a)anthracene
Concen: 1.608 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:228 Resp: 42715

Ion	Ratio	Lower	Upper
228	100		
229	19.9	22.8	34.2#
226	29.5	17.0	25.6#

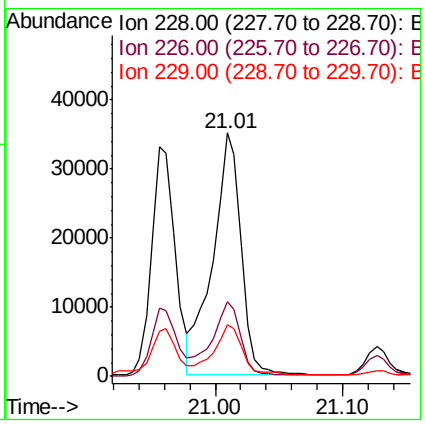




#19
Chrysene
Concen: 1.977 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:228 Resp: 54115

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	21.3	17.7	26.5



Instrument :
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Manual Integrations APPROVED
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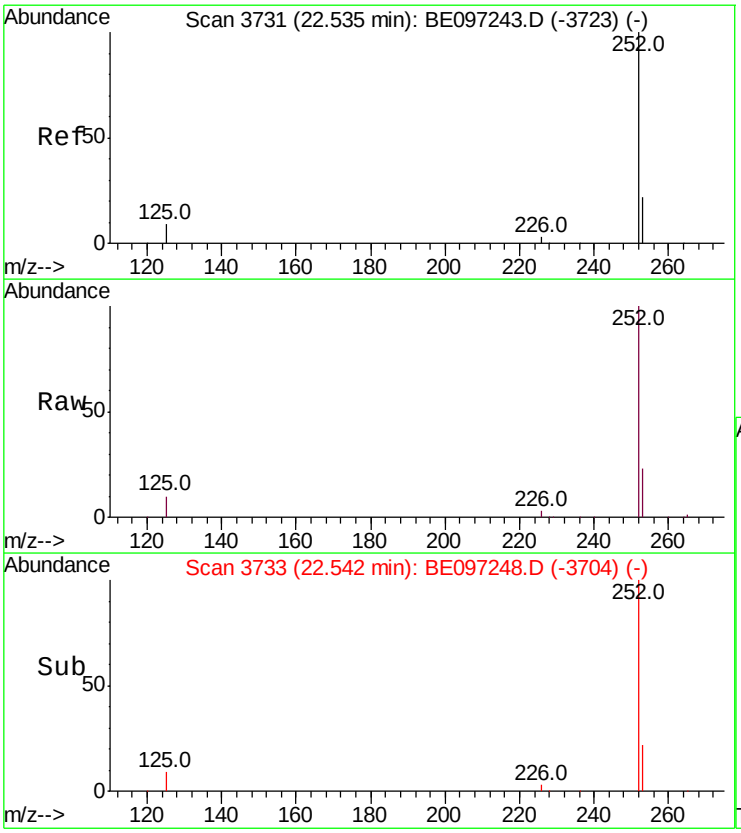
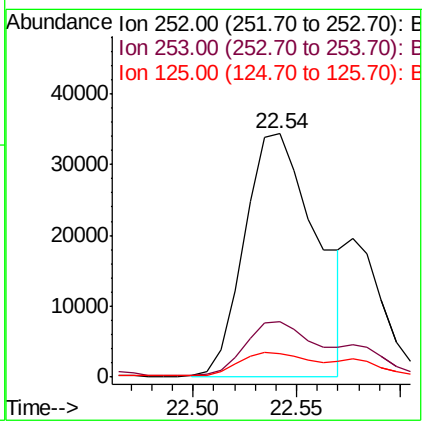
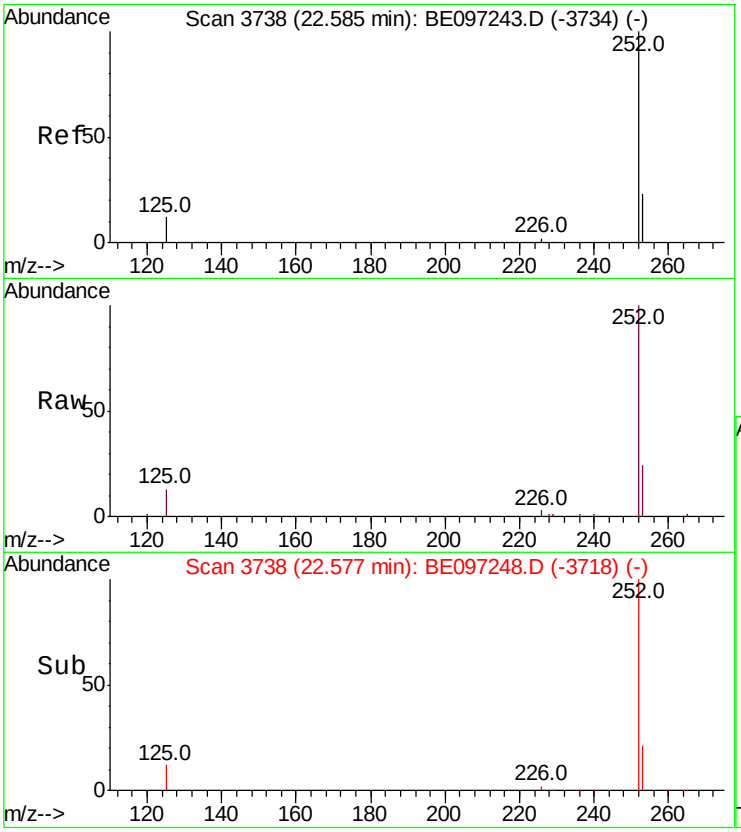


#21
Benzo(b)fluoranthene
Concen: 3.004 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:252 Resp: 83213

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	9.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.836 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:252 Resp: 24970

Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	12.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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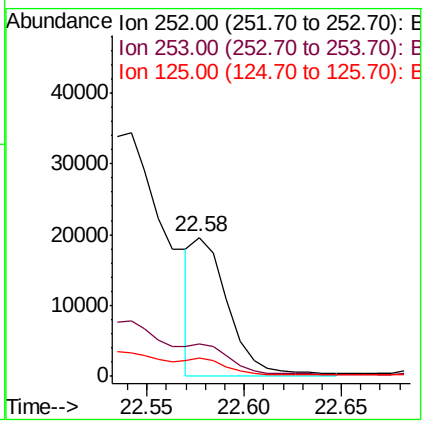
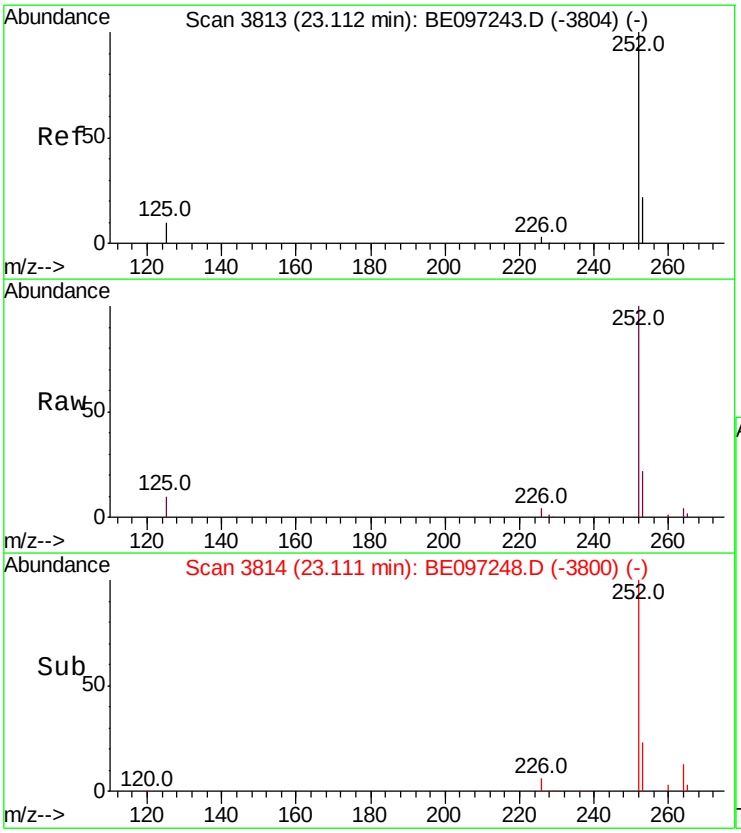
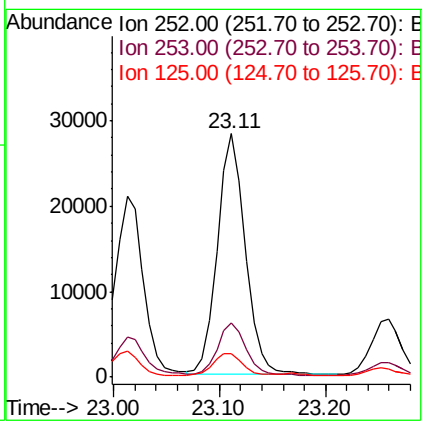


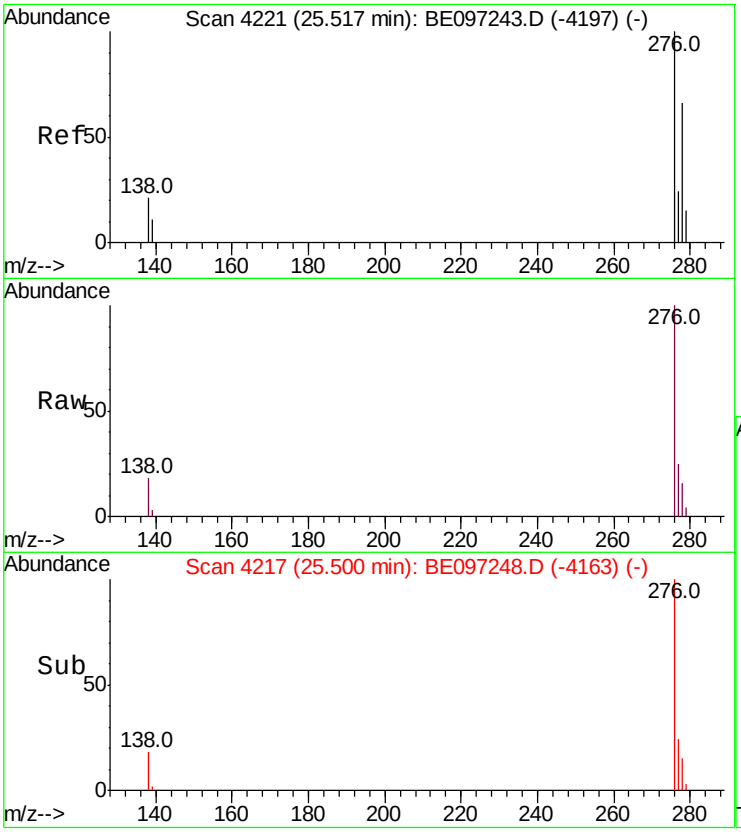


#23
Benzo(a)pyrene
Concen: 1.856 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:252 Resp: 51431

Ion	Ratio	Lower	Upper
252	100		
253	22.4	28.5	42.7#
125	9.8	18.1	27.1#





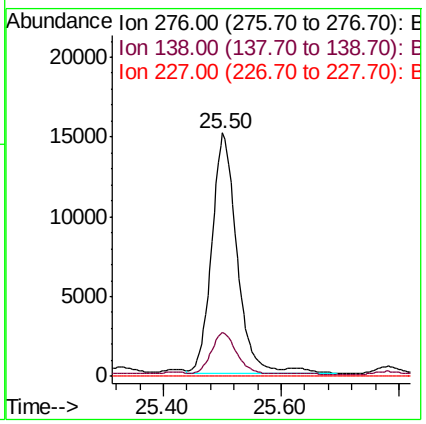
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.290 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

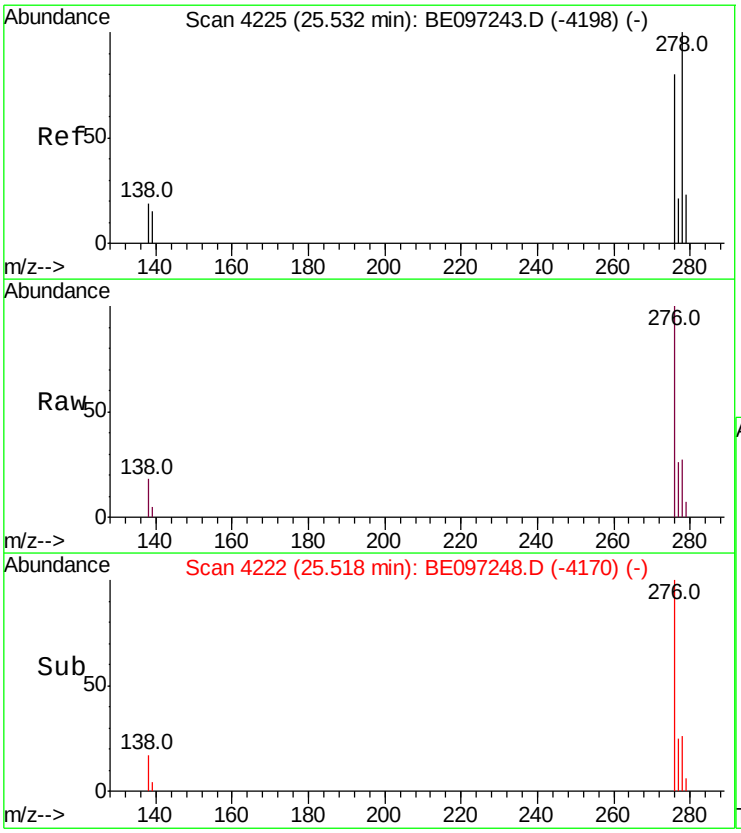
Tgt Ion:276 Resp: 44746

Ion	Ratio	Lower	Upper
276	100		
138	17.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:22 PM

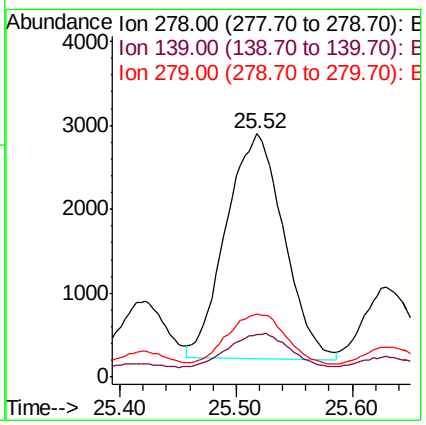


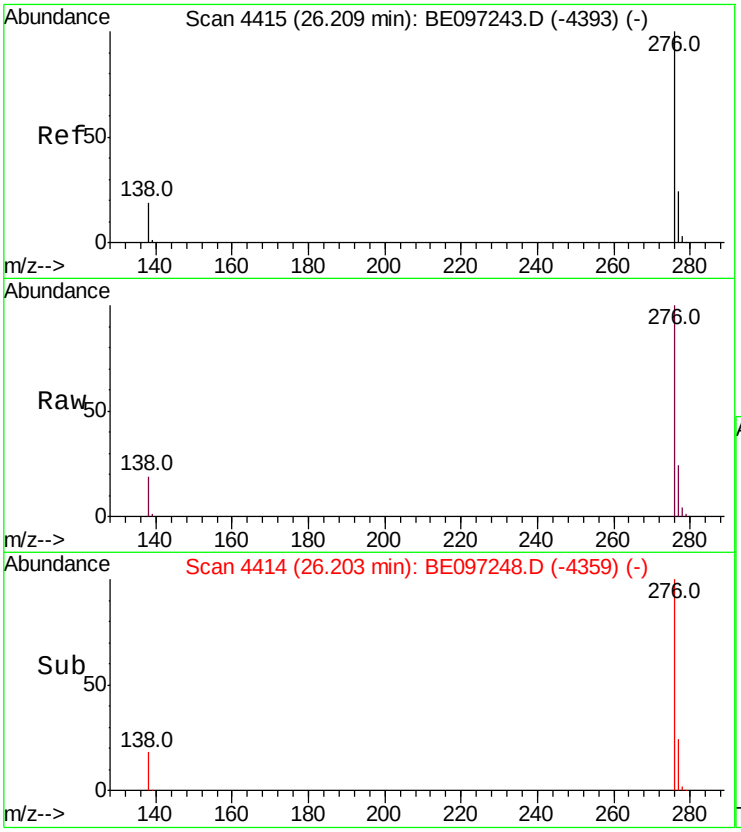


#25
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:278 Resp: 9264

Ion	Ratio	Lower	Upper
278	100		
139	17.5	17.4	26.0
279	25.9	25.9	38.9

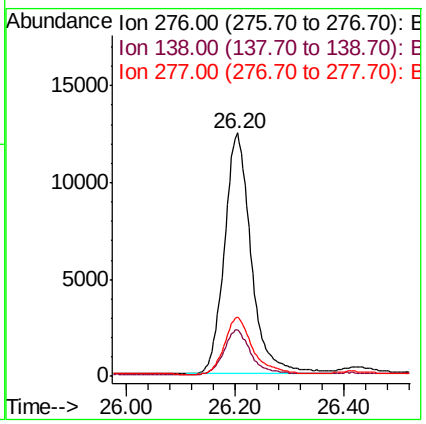




#26
Benzo(g,h,i)perylene
Concen: 1.429 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:276 Resp: 42835

Ion	Ratio	Lower	Upper
276	100		
138	18.9	21.8	32.8#
277	24.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:22 PM