Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
Data File : BE097245.D
Acq On : 9 Aug 2018 11:28
Operator : SJ/JU
Sample : J4268-07DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:20 PM

Quant Time: Aug 09 16:16:35 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	1240	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6508	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3647	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8634	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9189	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9967	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	450	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1096	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	922	0.059	ng/ul#	90
5) 2-Methylnaphthalene	11.80	142	428	0.041	ng/ul	99
7) Acenaphthylene	13.73	152	1797	0.114	ng/ul	95
8) Acenaphthene	14.08	153	939	0.082	ng/ul#	92
9) Fluorene	15.08	166	1362	0.104	ng/ul	94
12) Phenanthrene	16.81	178	50494	2.294	ng/ul#	89
13) Anthracene	16.90	178	6052	0.295	ng/ul#	92
15) Fluoranthene	18.84	202	155116	5.332	ng/ul	84
17) Pyrene	19.20	202	130589	5.304	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	59487	2.265	ng/ul#	85
19) Chrysene	21.01	228	79708	2.946	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	102113m	3.759	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	44185m	1.509	ng/ul	
23) Benzo(a)pyrene	23.11	252	68168	2.508	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	57472	1.689	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.51	278	11727m	0.421	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	56057	1.907	ng/ul#	90

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

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Acq On : 9 Aug 2018 11:28
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Manual Integrations APPROVED
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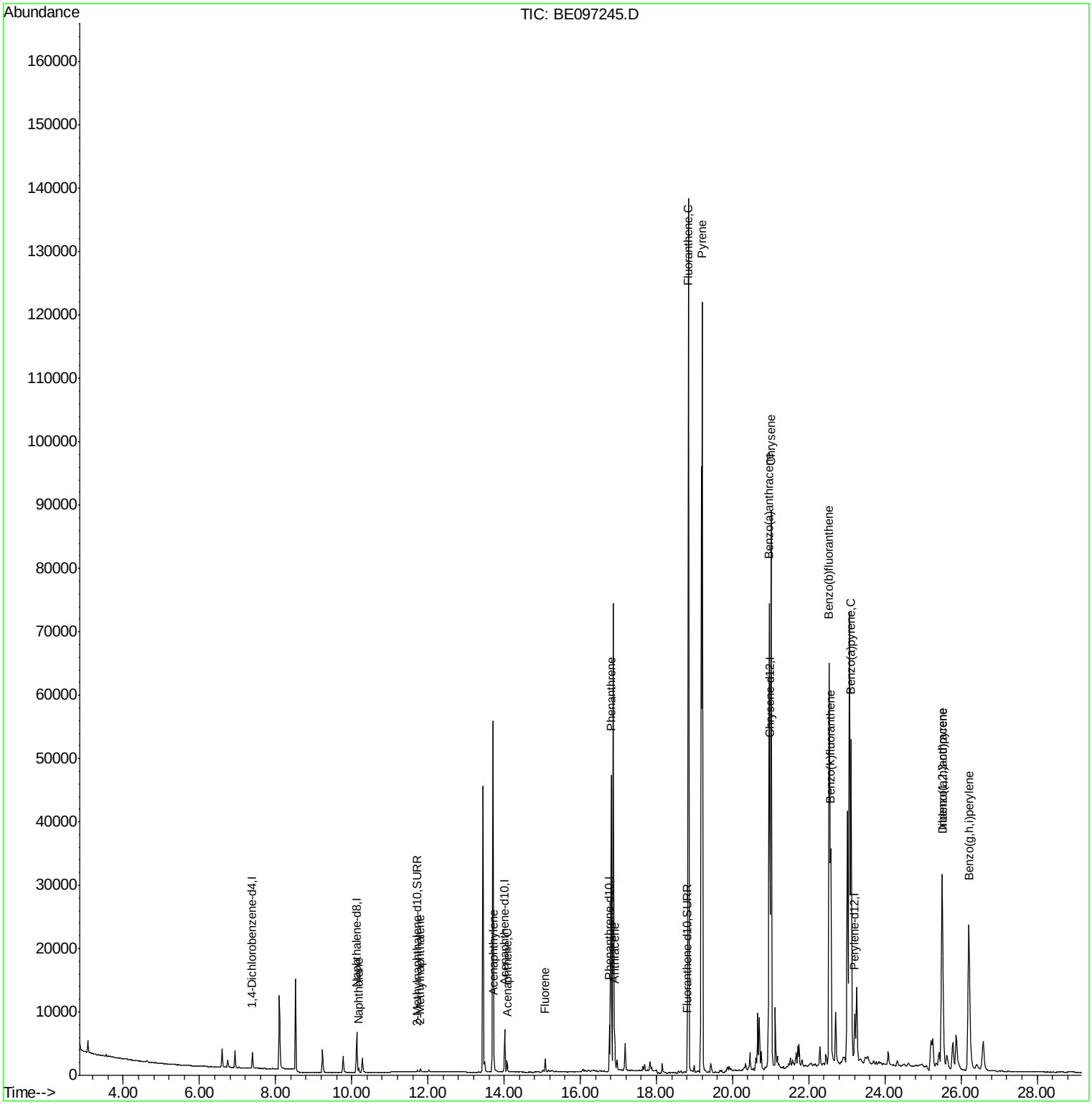

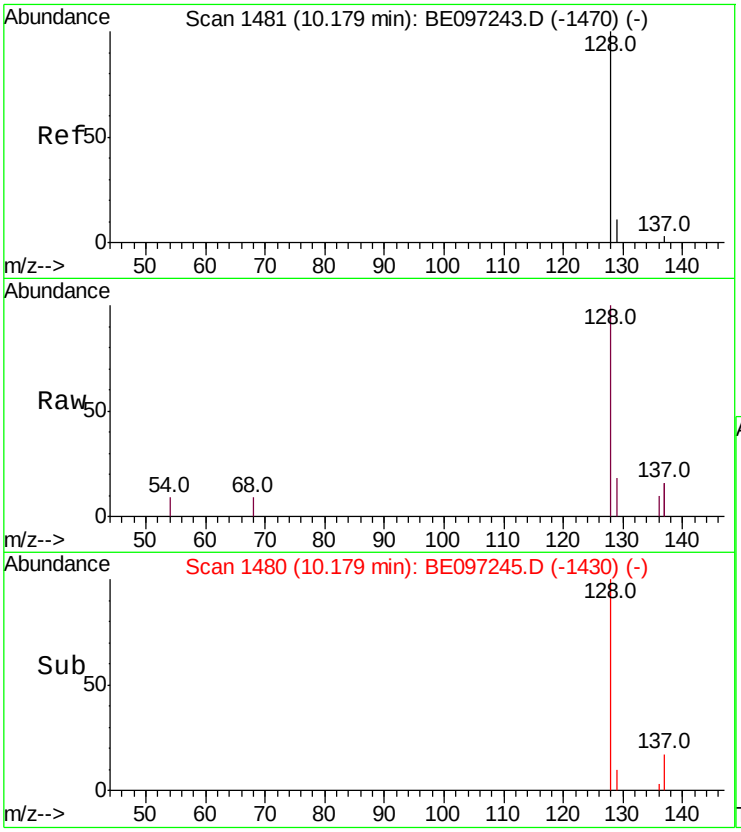

#3
Naphthalene
Concen: 0.059 ng/ul
RT: 10.18 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:128 Resp: 922

Ion	Ratio	Lower	Upper
128	100		
129	17.5	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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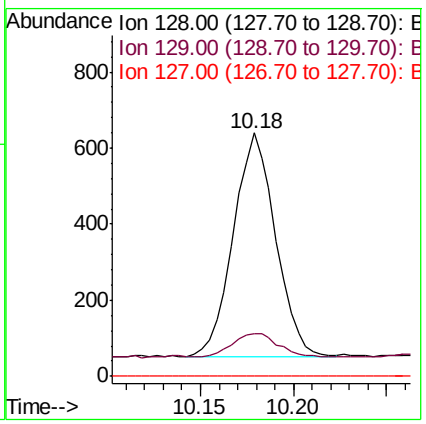
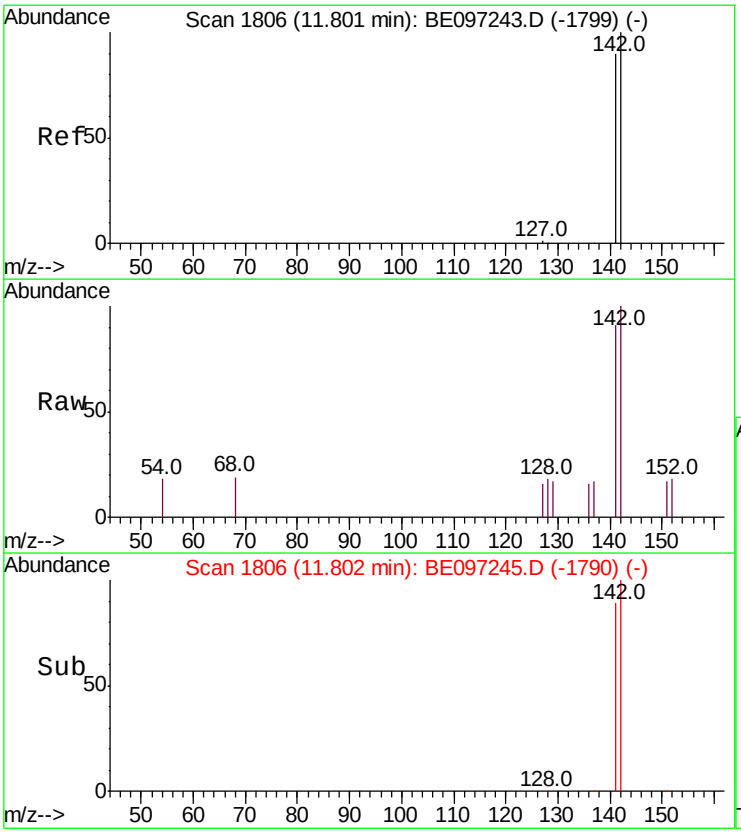
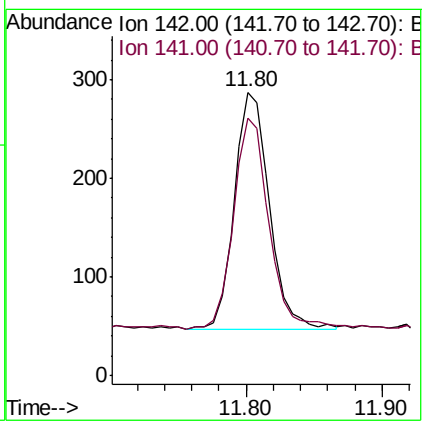


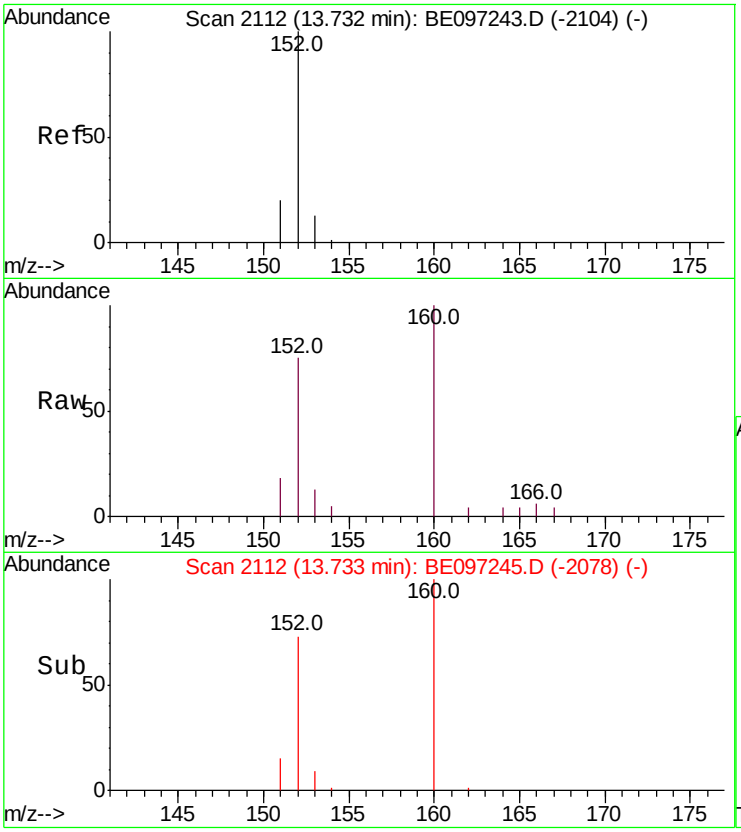


#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:142 Resp: 428

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8

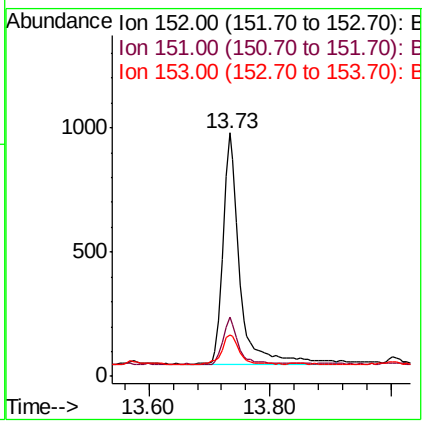




#7
Acenaphthylene
Concen: 0.114 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:152 Resp: 1797

Ion	Ratio	Lower	Upper
152	100		
151	24.4	17.1	25.7
153	17.2	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AC5DL

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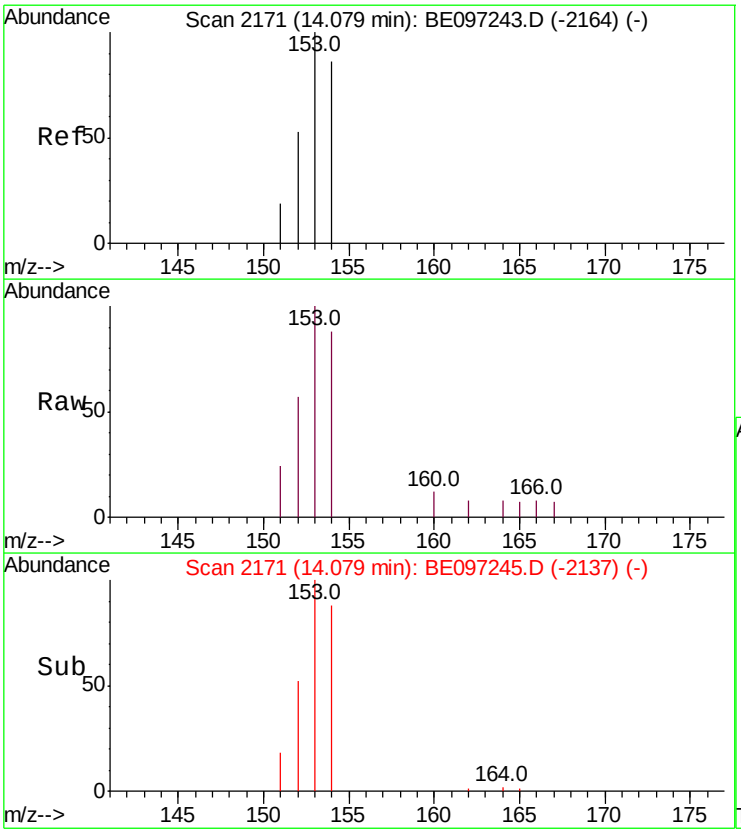
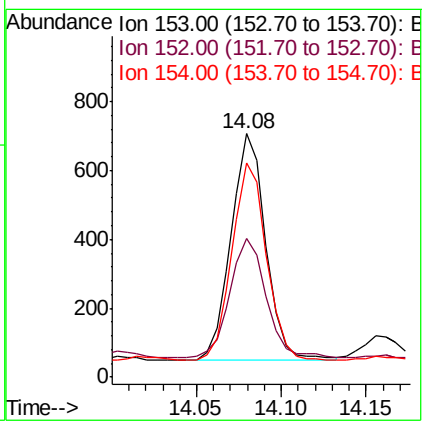
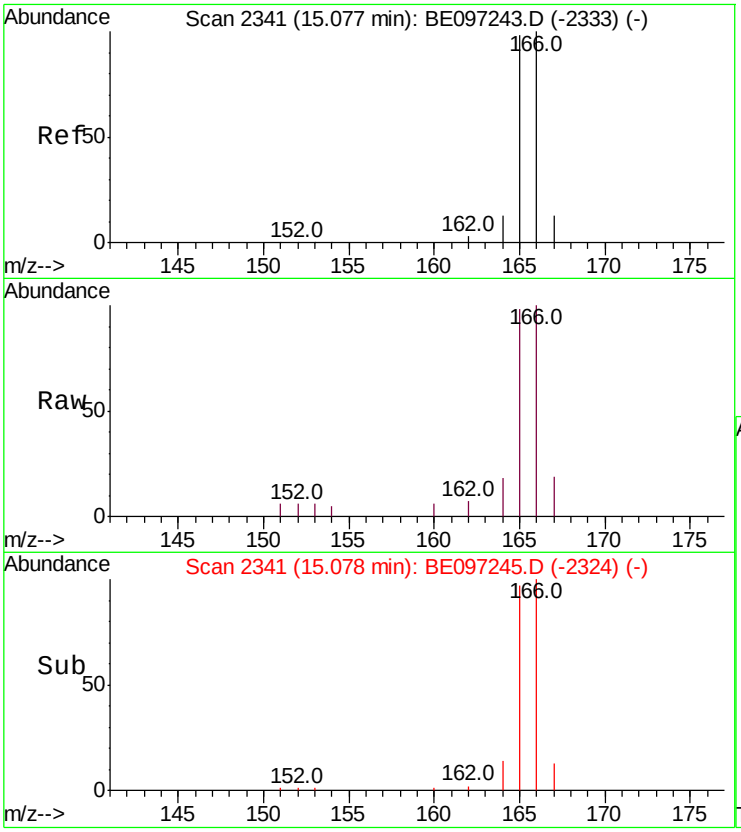


#8
Acenaphthene
Concen: 0.082 ng/ul
RT: 14.08 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:153 Resp: 939

Ion	Ratio	Lower	Upper
153	100		
152	57.1	36.0	54.0#
154	88.0	72.0	108.0

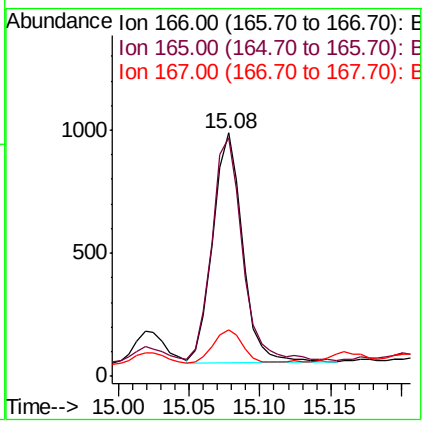




#9
Fluorene
Concen: 0.104 ng/ul
RT: 15.08 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:166 Resp: 1362

Ion	Ratio	Lower	Upper
166	100		
165	98.1	73.4	110.2
167	19.2	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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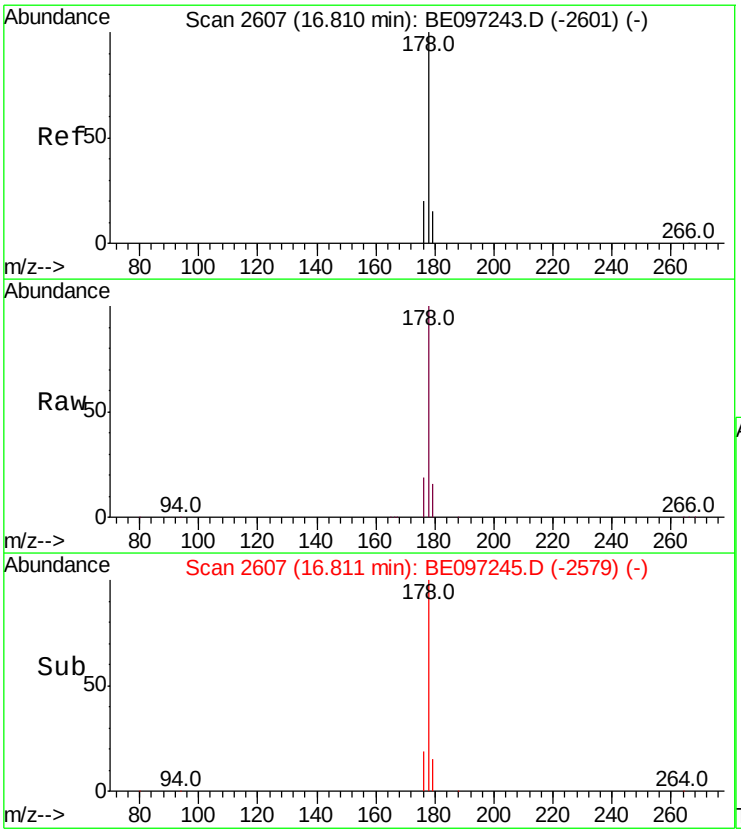
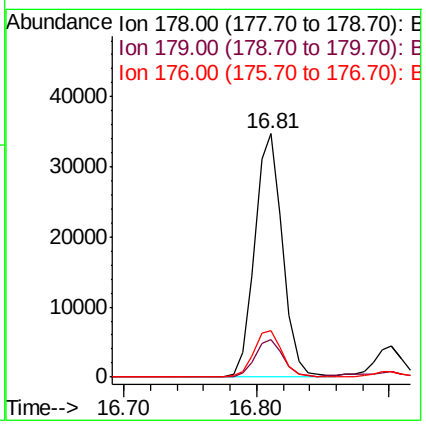
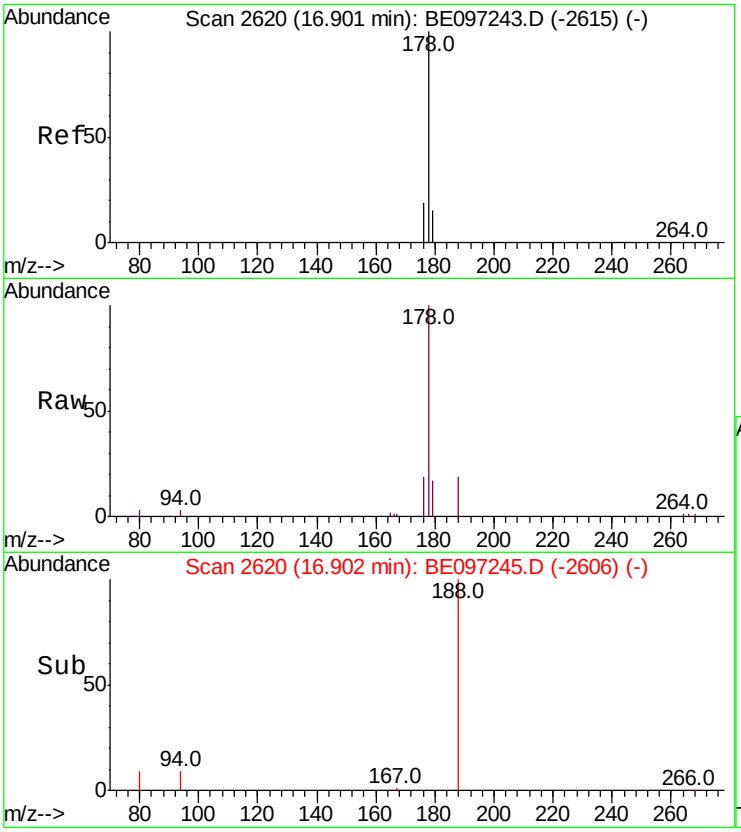


#12
Phenanthrene
Concen: 2.294 ng/ul
RT: 16.81 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:178 Resp: 50494

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.2	13.6	20.4

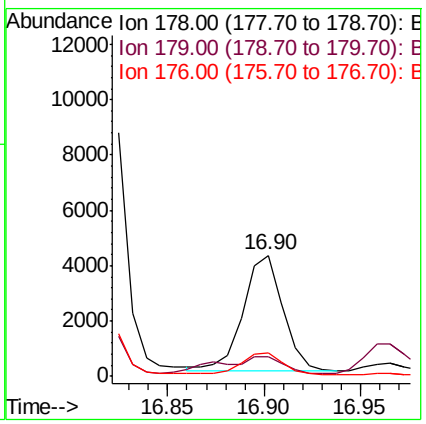




#13
Anthracene
Concen: 0.295 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:178 Resp: 6052

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	19.3	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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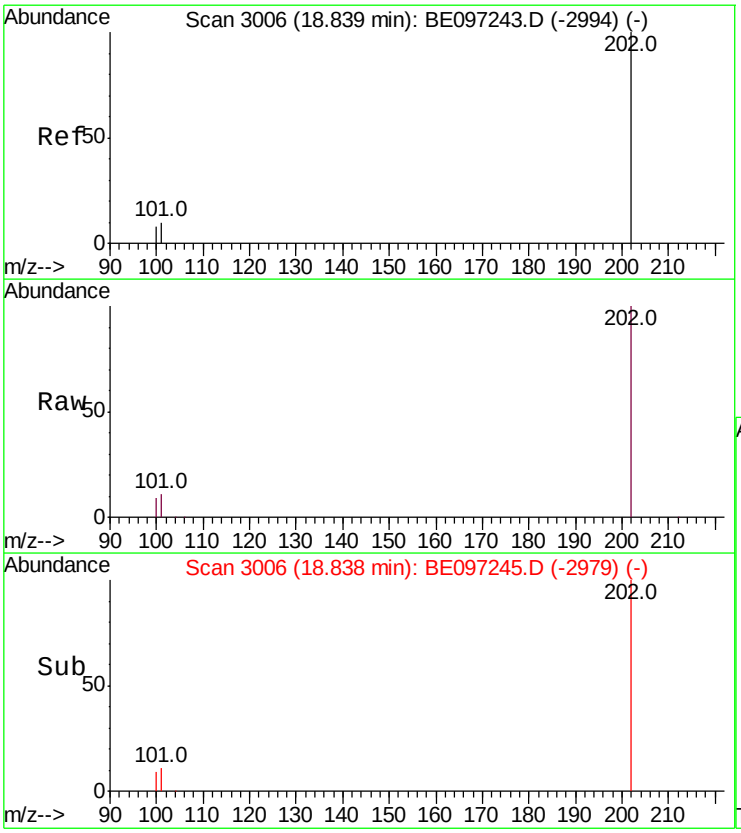
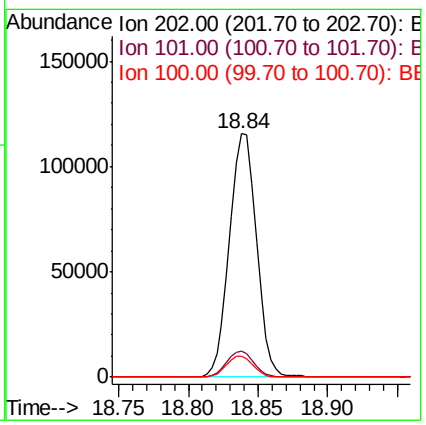
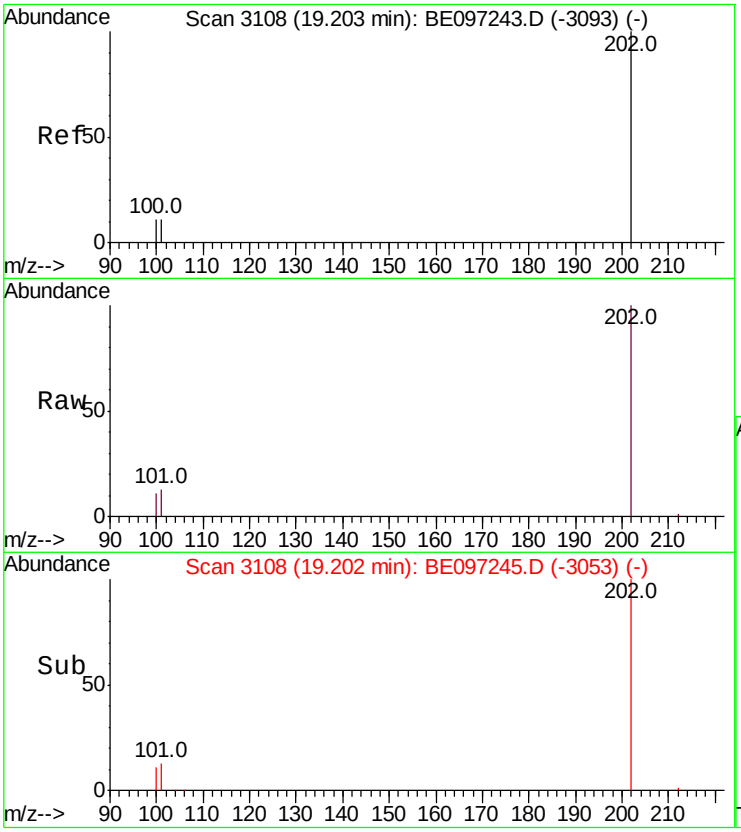


#15
Fluoranthene
Concen: 5.332 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:202 Resp: 155116

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.8	0.0	39.5





#17
Pyrene
Concen: 5.304 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:202 Resp: 130589

Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	11.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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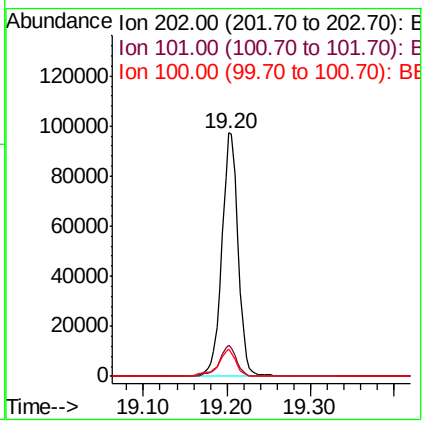
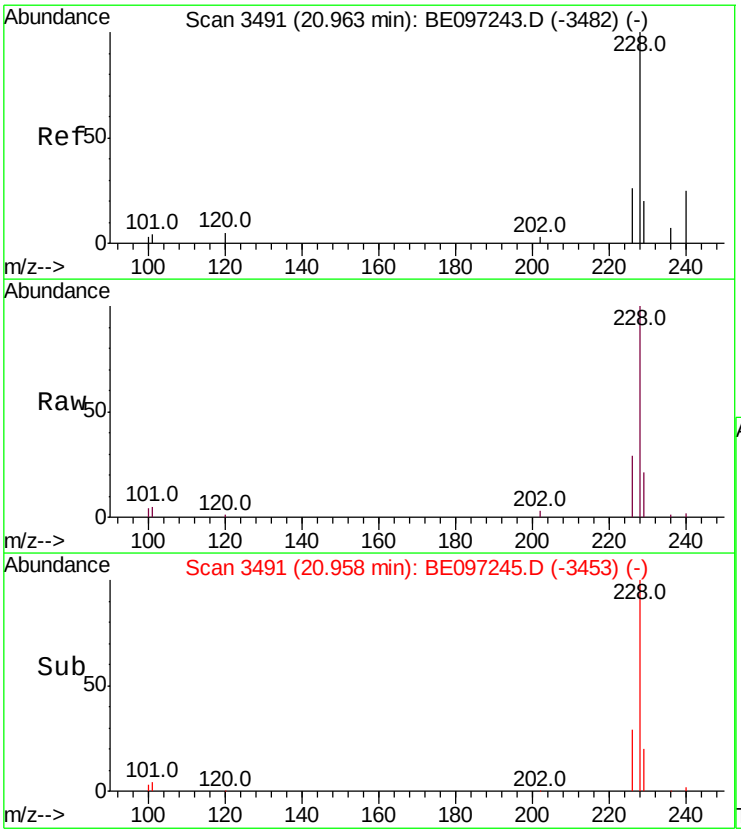
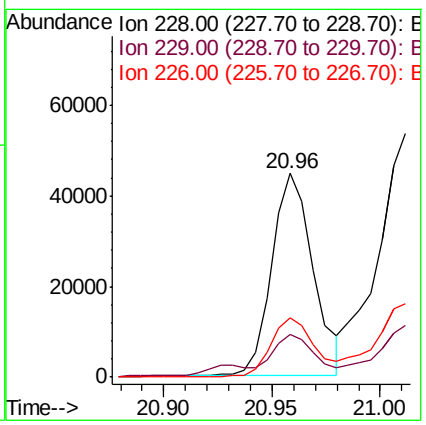


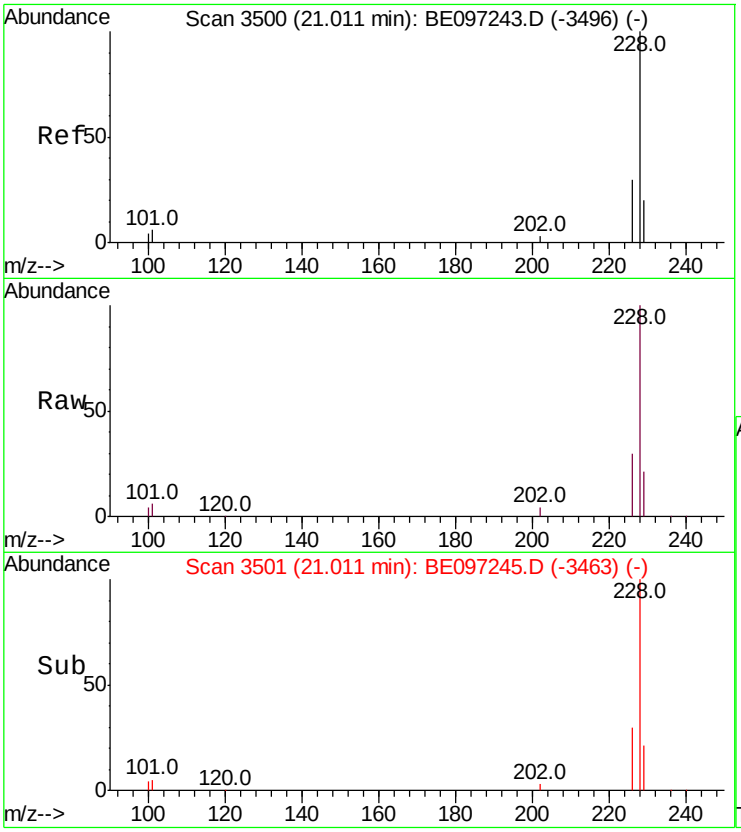


#18
Benzo(a)anthracene
Concen: 2.265 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:228 Resp: 59487

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	29.0	17.0	25.6#

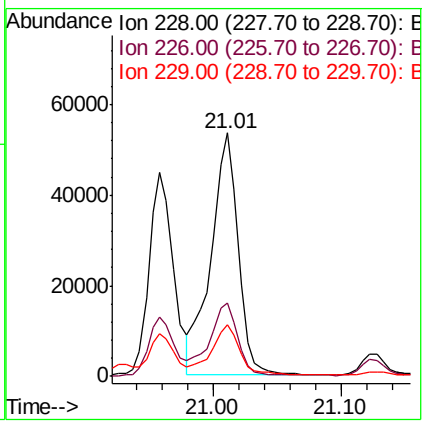




#19
Chrysene
Concen: 2.946 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:228 Resp: 79708

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	21.5	17.7	26.5



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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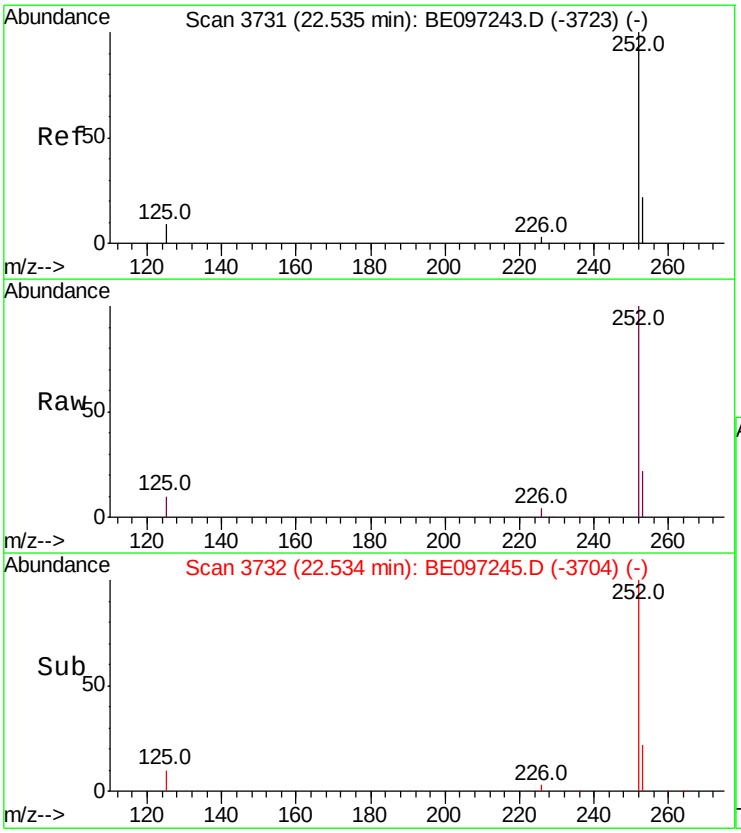
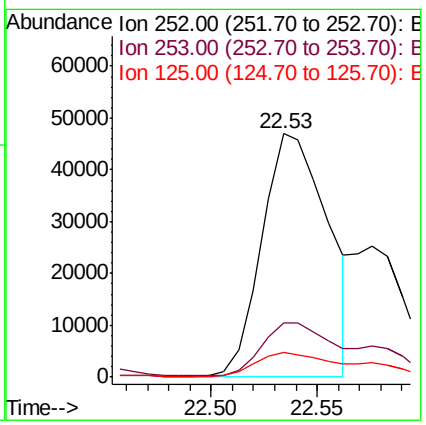
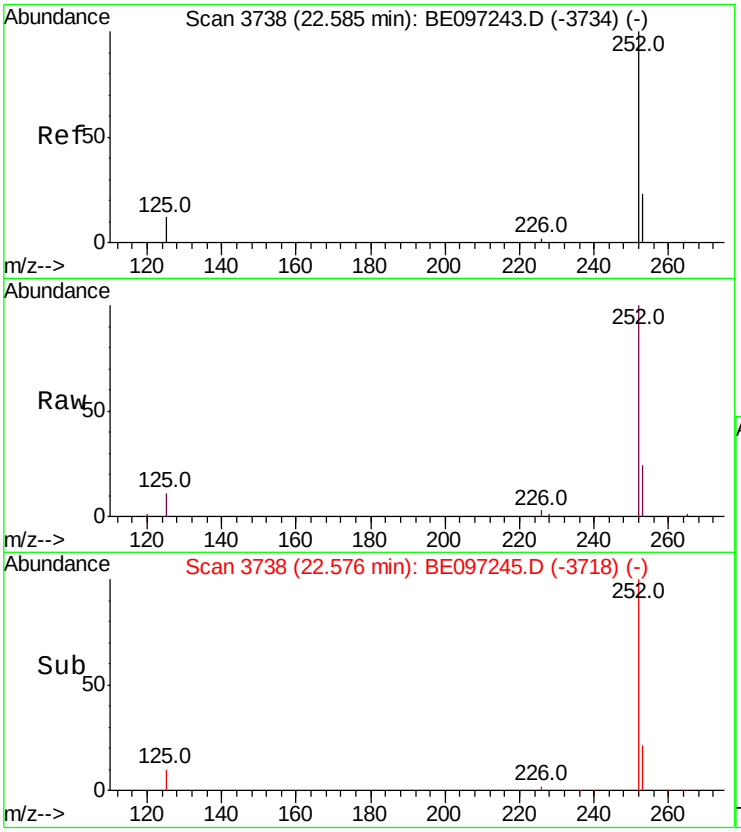


#21
Benzo(b)fluoranthene
Concen: 3.759 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:252 Resp: 102113

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	10.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.509 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:252 Resp: 44185

Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	10.8	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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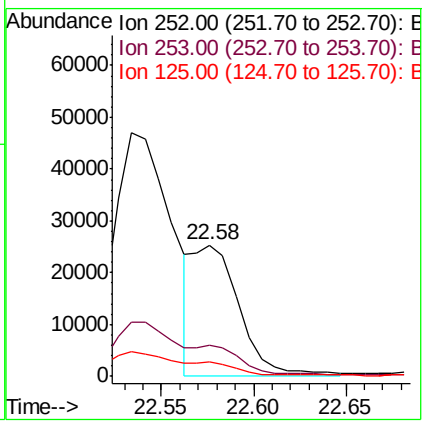
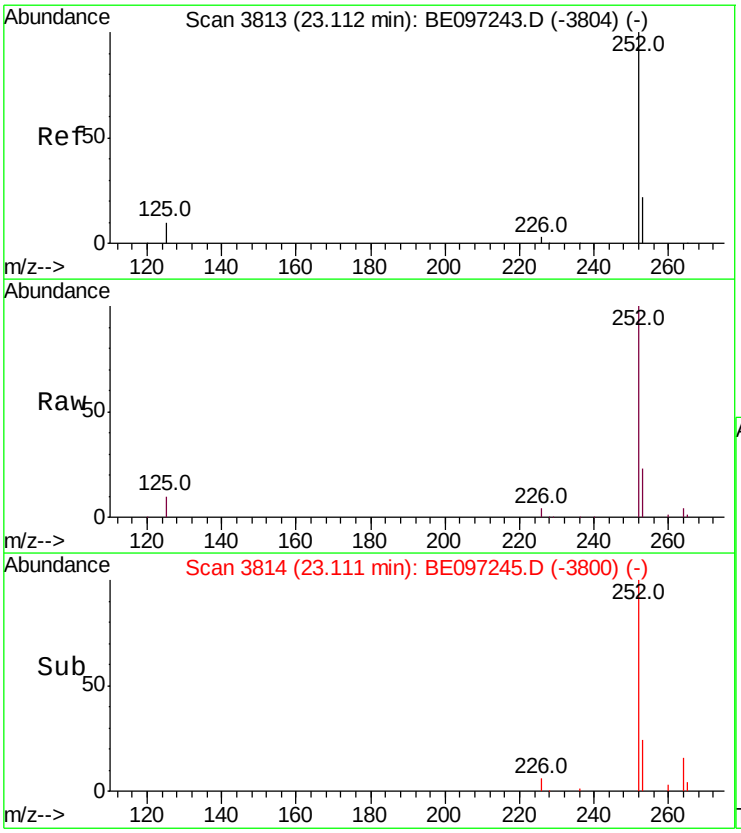
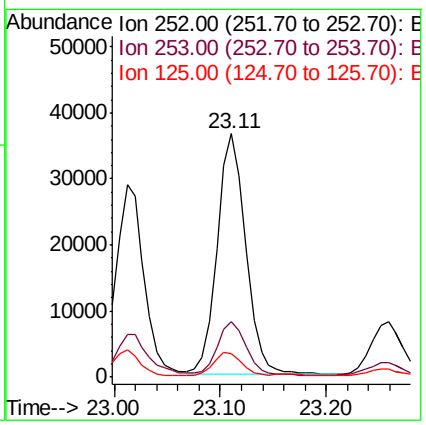


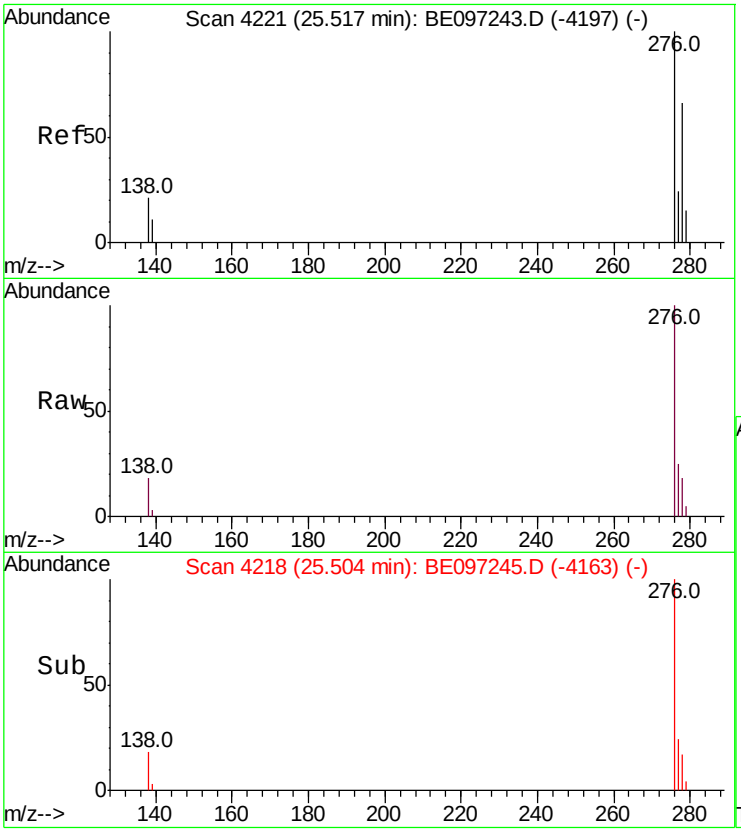


#23
Benzo(a)pyrene
Concen: 2.508 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:252 Resp: 68168

Ion	Ratio	Lower	Upper
252	100		
253	22.6	28.5	42.7#
125	9.8	18.1	27.1#





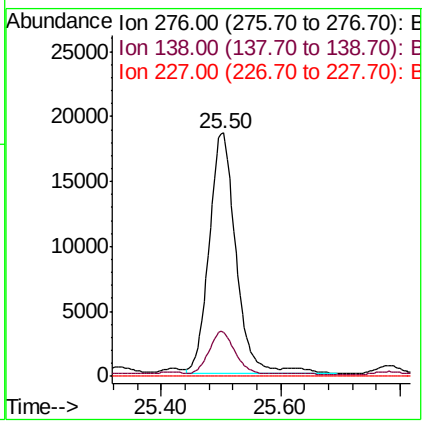
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.689 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

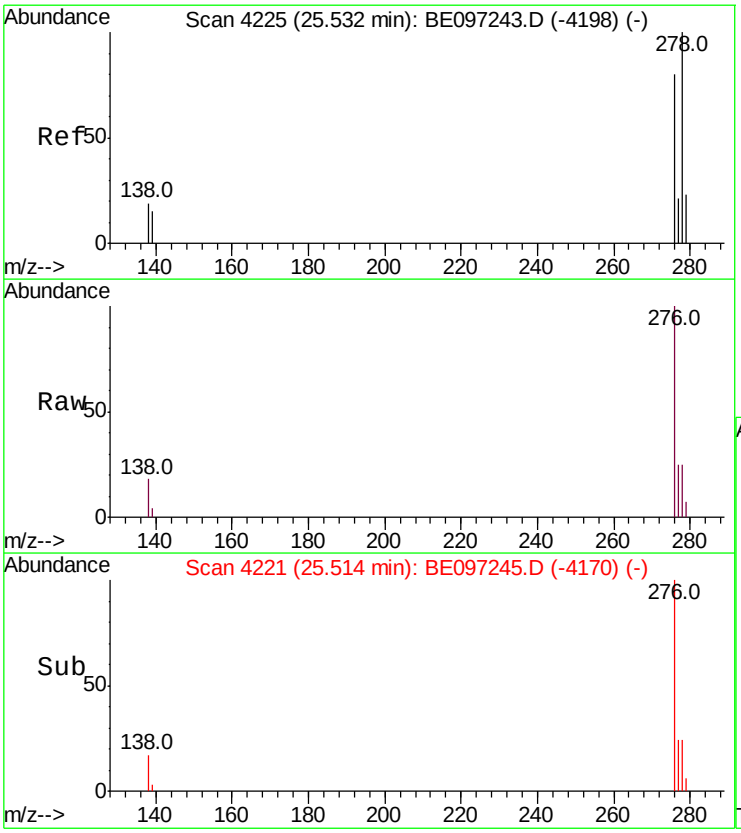
Tgt Ion:276 Resp: 57472

Ion	Ratio	Lower	Upper
276	100		
138	17.4	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:20 PM

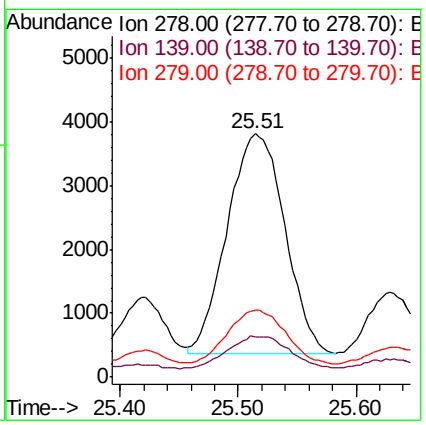


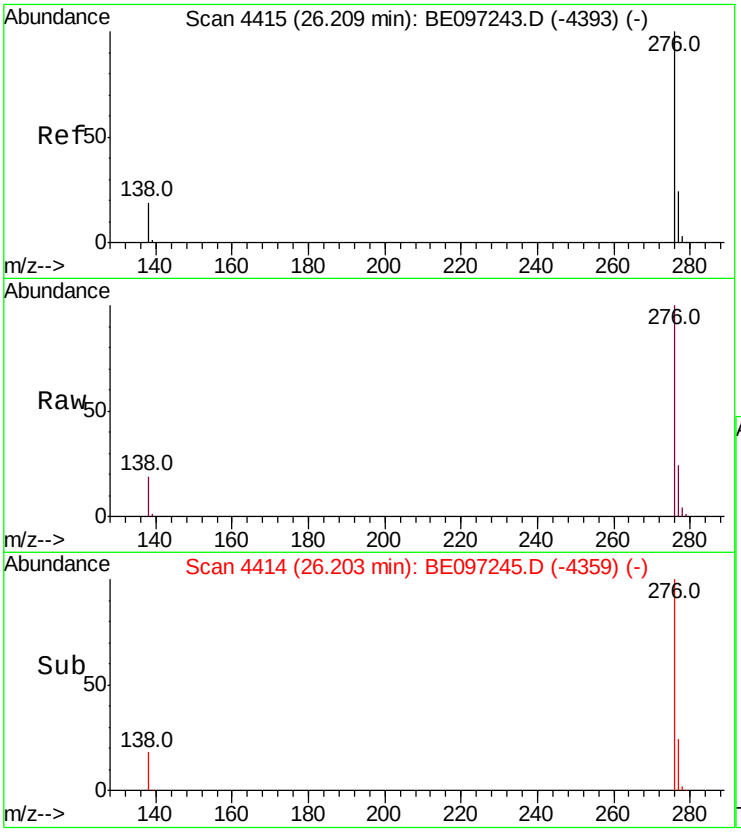


#25
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul m
RT: 25.51 min Scan# 4221
Delta R.T. -0.02 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:278 Resp: 11727

Ion	Ratio	Lower	Upper
278	100		
139	16.2	17.4	26.0#
279	27.3	25.9	38.9

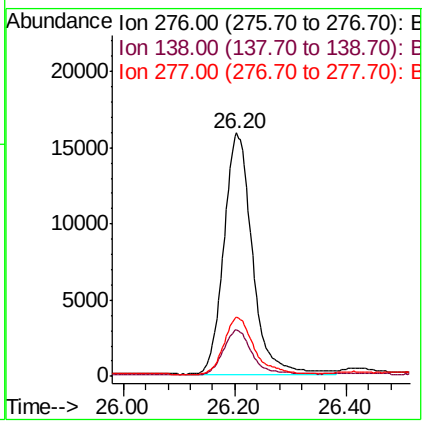




#26
Benzo(g,h,i)perylene
Concen: 1.907 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE097245.D
Acq: 9 Aug 2018 11:28

Tgt Ion:276 Resp: 56057

Ion	Ratio	Lower	Upper
276	100		
138	19.0	21.8	32.8#
277	24.2	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:20 PM