Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097454.D
Acq On : 12 Sep 2018 15:07
Operator : SJ/JU
Sample : J4688-20MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3Z22MSD

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:19 PM

Quant Time: Sep 13 01:42:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1028	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5652	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3832	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9361	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10776	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12313	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1696	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6119	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	28692	2.082	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	18111	2.079	ng/ul	97
7) Acenaphthylene	13.73	152	44273	3.172	ng/ul	96
8) Acenaphthene	14.07	153	38893	3.239	ng/ul	95
9) Fluorene	15.06	166	37140	2.701	ng/ul	93
11) Pentachlorophenol	16.43	266	348	0.377	ng/ul	96
12) Phenanthrene	16.81	178	1173769	48.710	ng/ul#	90
13) Anthracene	16.89	178	128981	6.366	ng/ul#	92
15) Fluoranthene	18.84	202	1898025	61.313	ng/ul	84
17) Pyrene	19.21	202	1626310	56.083	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	733216	26.487	ng/ul#	83
19) Chrysene	21.01	228	876526	27.483	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	983614m	29.830	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	303792m	8.262	ng/ul	
23) Benzo(a)pyrene	23.11	252	592217	19.413	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.51	276	415142	10.500	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.51	278	115267m	3.441	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	379195	11.249	ng/ul#	90

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

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Manual Integrations APPROVED
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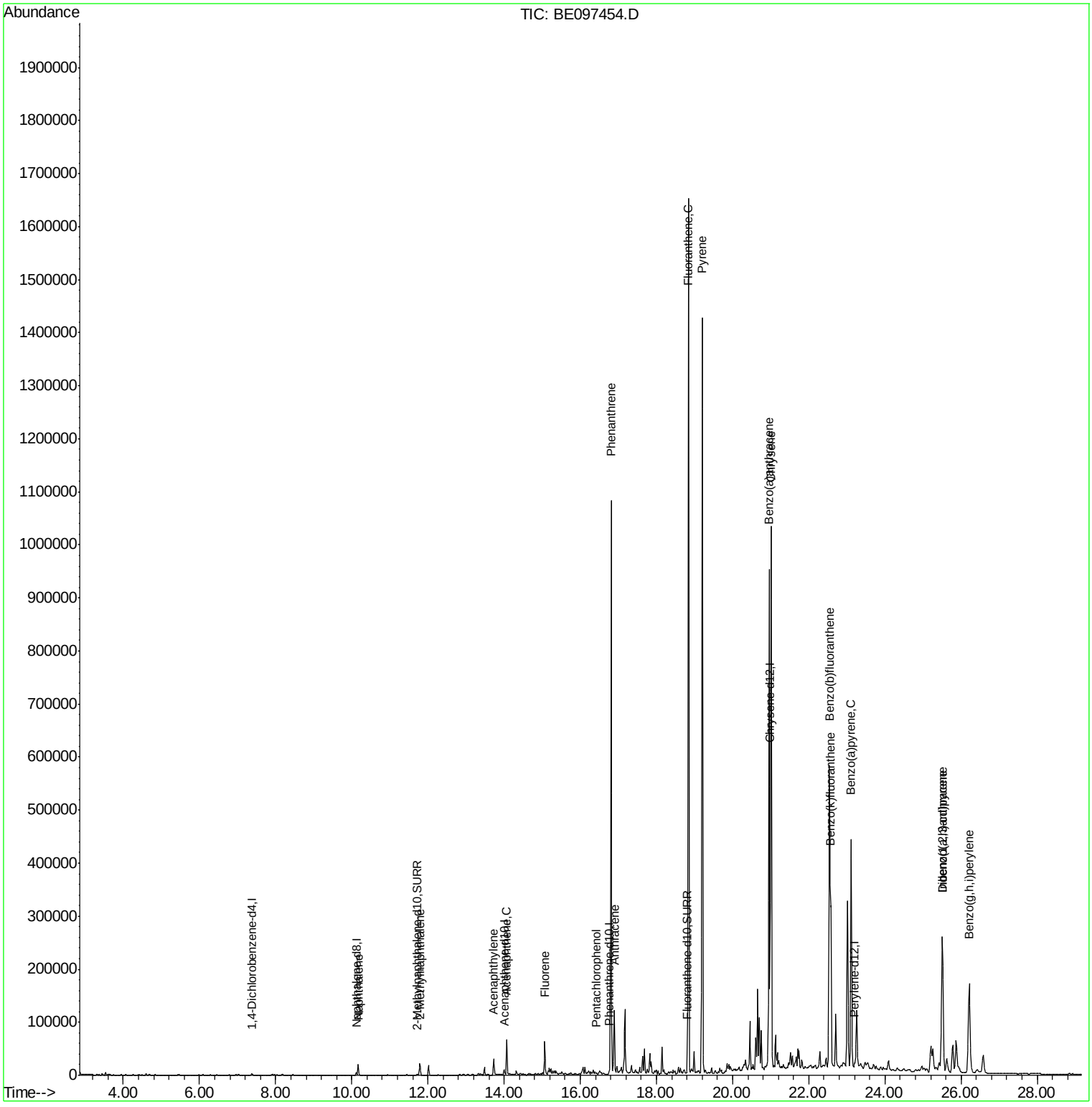

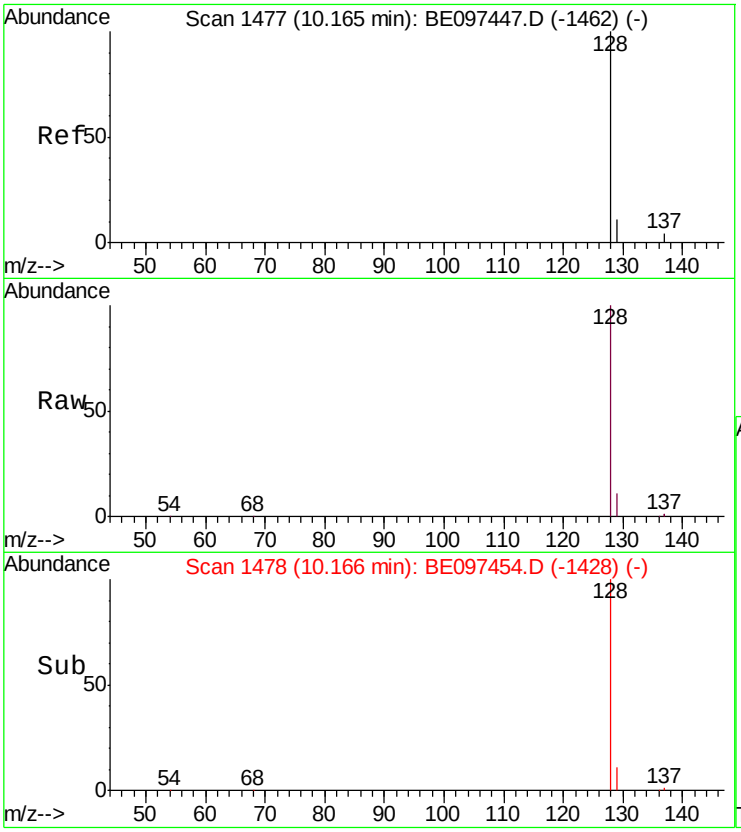

#3
Naphthalene
Concen: 2.082 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:128 Resp: 28692

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Manual Integrations APPROVED
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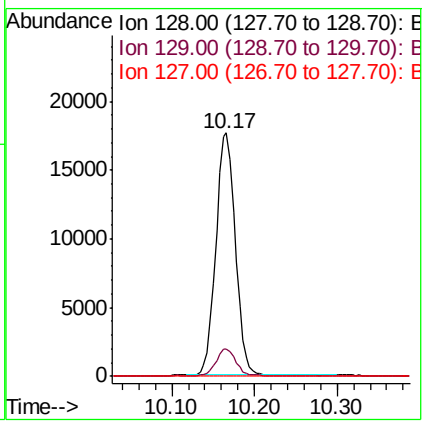
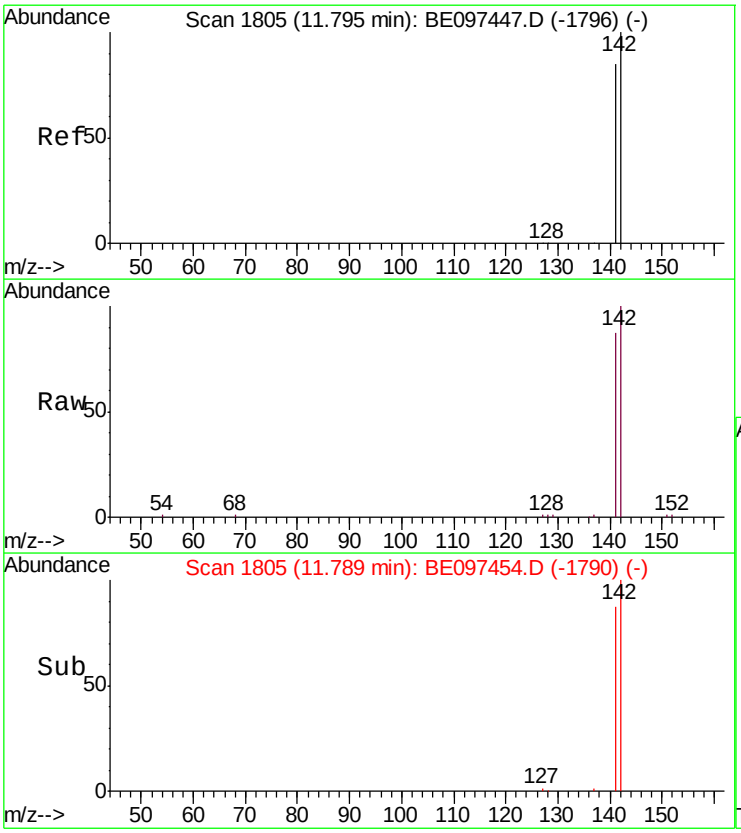
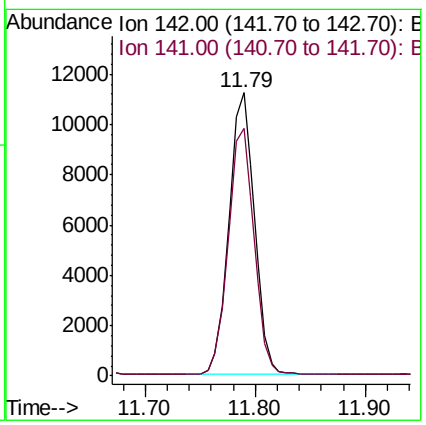


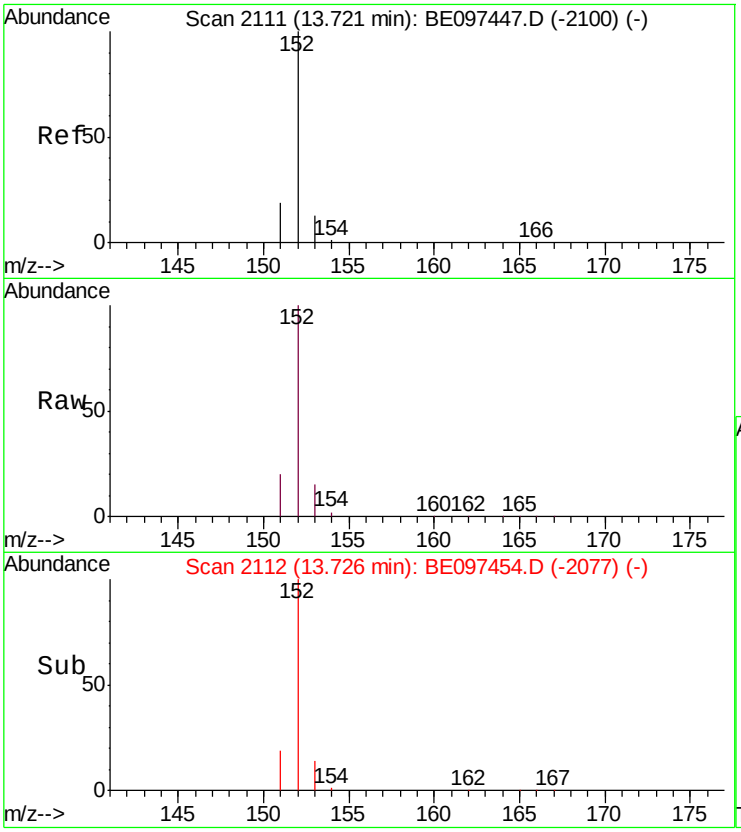


#5
2-Methylnaphthalene
Concen: 2.079 ng/ul
RT: 11.79 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:142 Resp: 18111

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8





#7
Acenaphthylene
Concen: 3.172 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:152 Resp: 44273

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.1	25.7
153	14.6	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Manual Integrations APPROVED
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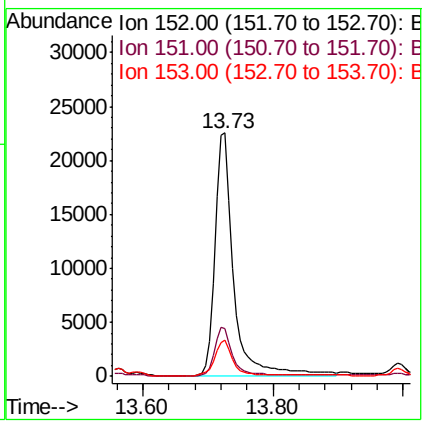
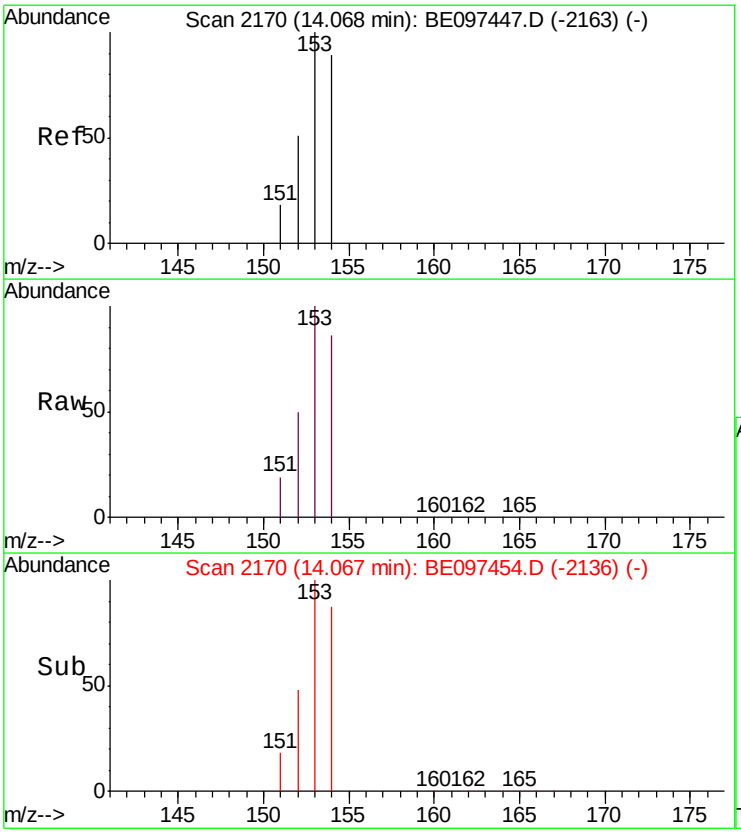
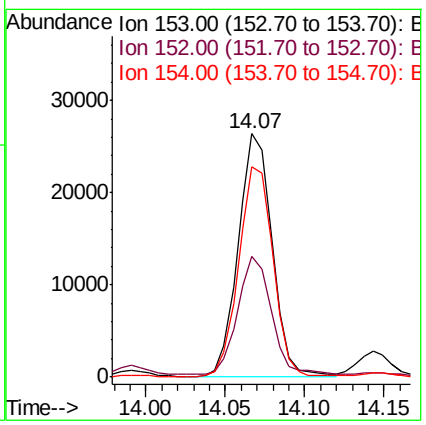


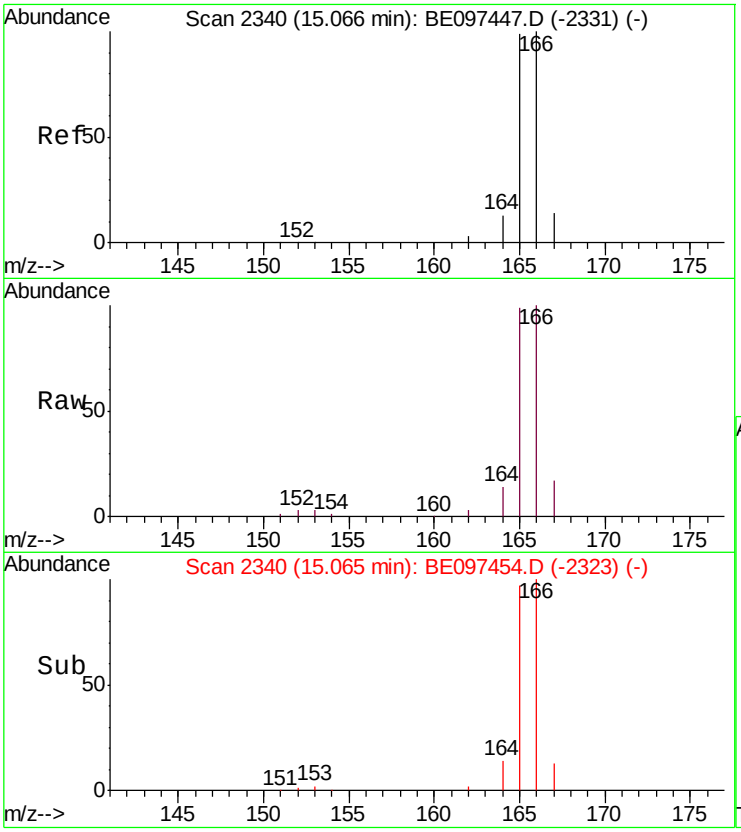


#8
Acenaphthene
Concen: 3.239 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:153 Resp: 38893

Ion	Ratio	Lower	Upper
153	100		
152	49.7	36.0	54.0
154	86.5	72.0	108.0

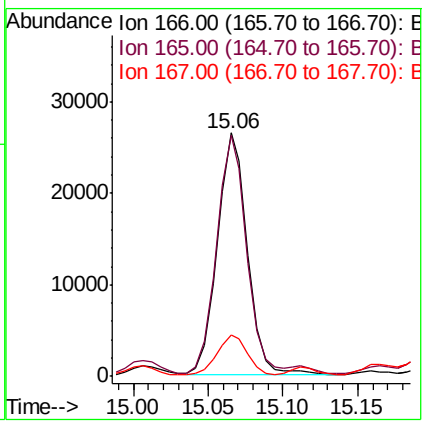




#9
Fluorene
Concen: 2.701 ng/ul
RT: 15.06 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:166 Resp: 37140

Ion	Ratio	Lower	Upper
166	100		
165	98.8	73.4	110.2
167	16.8	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

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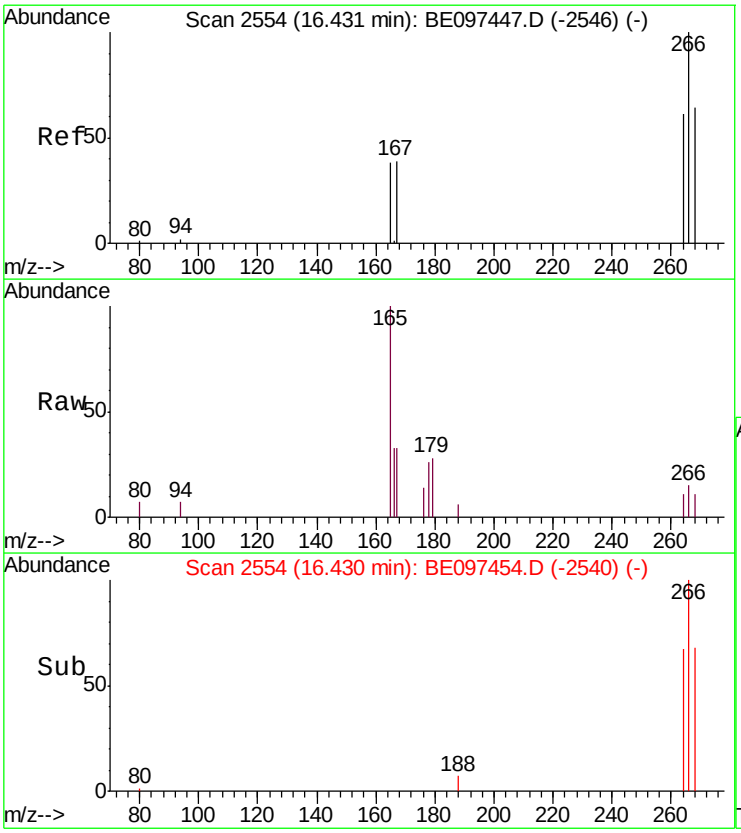
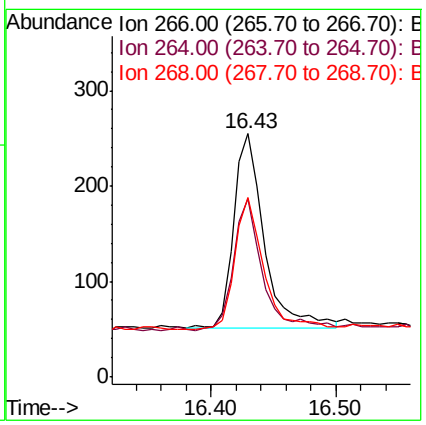
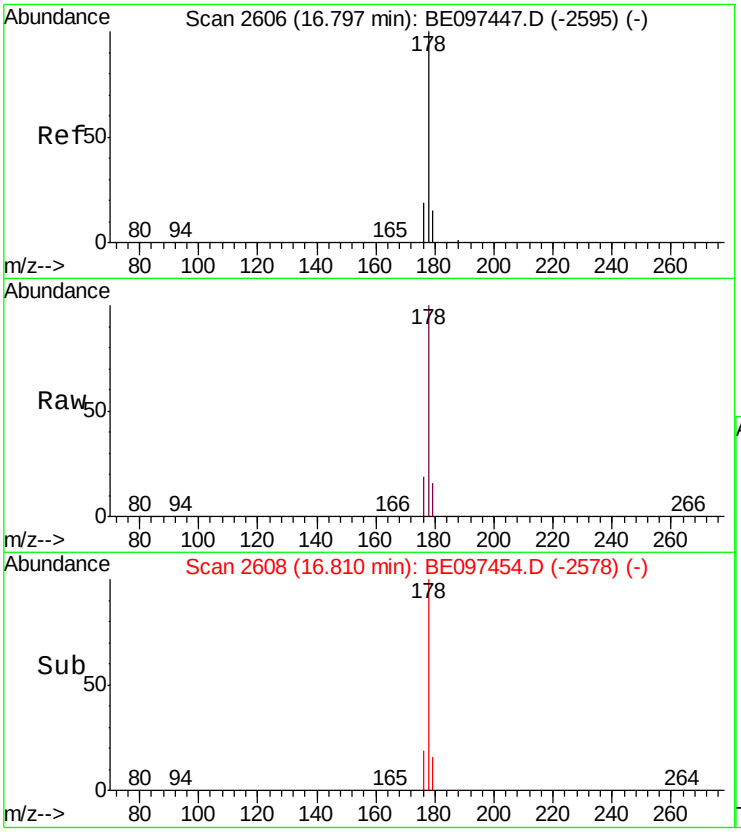


#11
Pentachlorophenol
Concen: 0.377 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:266 Resp: 348

Ion	Ratio	Lower	Upper
266	100		
264	64.7	47.9	71.9
268	64.4	49.8	74.8

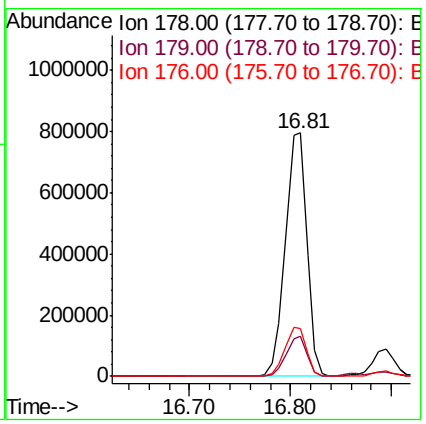




#12
Phenanthrene
Concen: 48.710 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:178 Resp: 1173769

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	19.5	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Manual Integrations APPROVED
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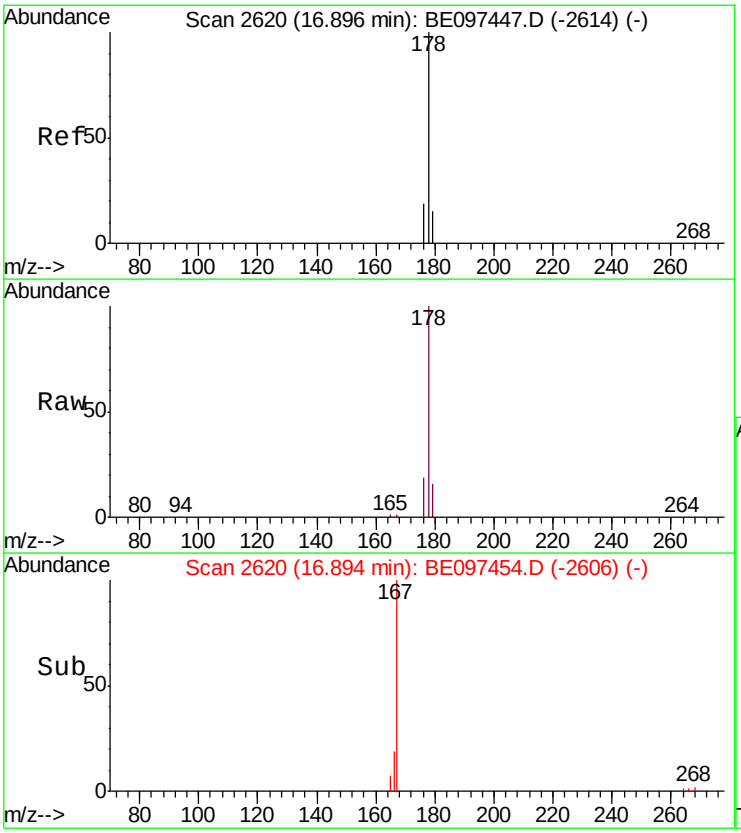
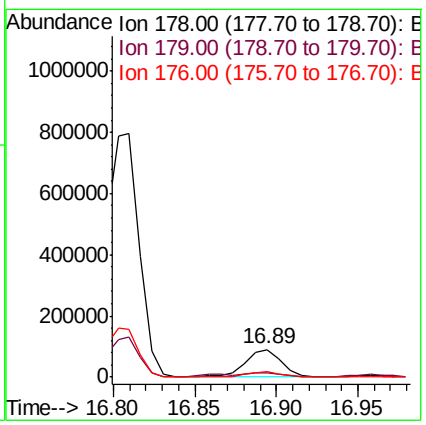
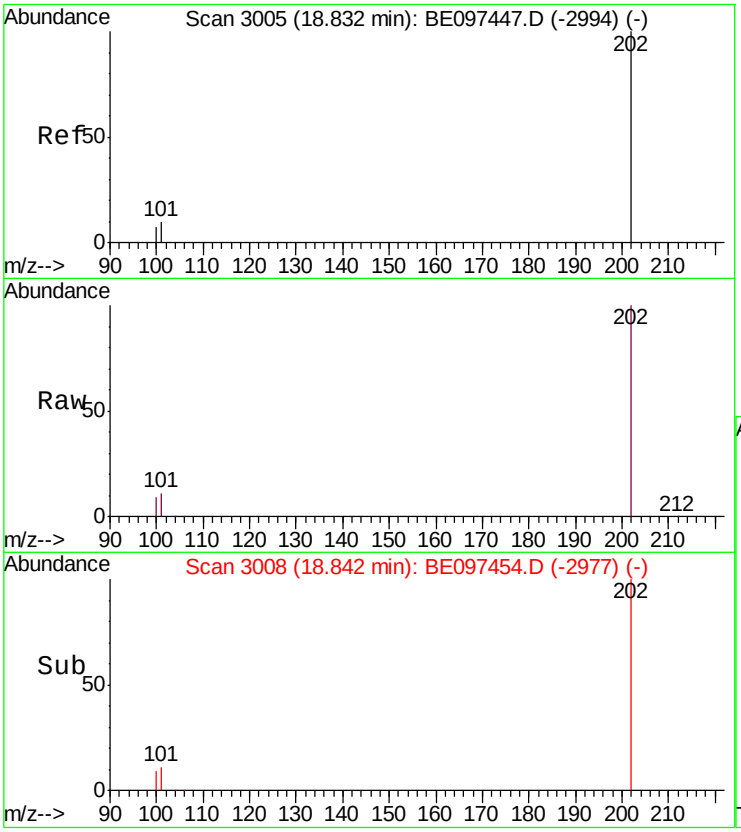


#13
Anthracene
Concen: 6.366 ng/ul
RT: 16.89 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:178 Resp: 128981

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	18.7	14.7	22.1

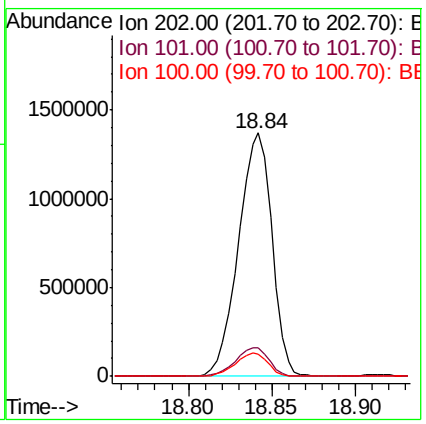




#15
Fluoranthene
Concen: 61.313 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:202 Resp: 1898025

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.0	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

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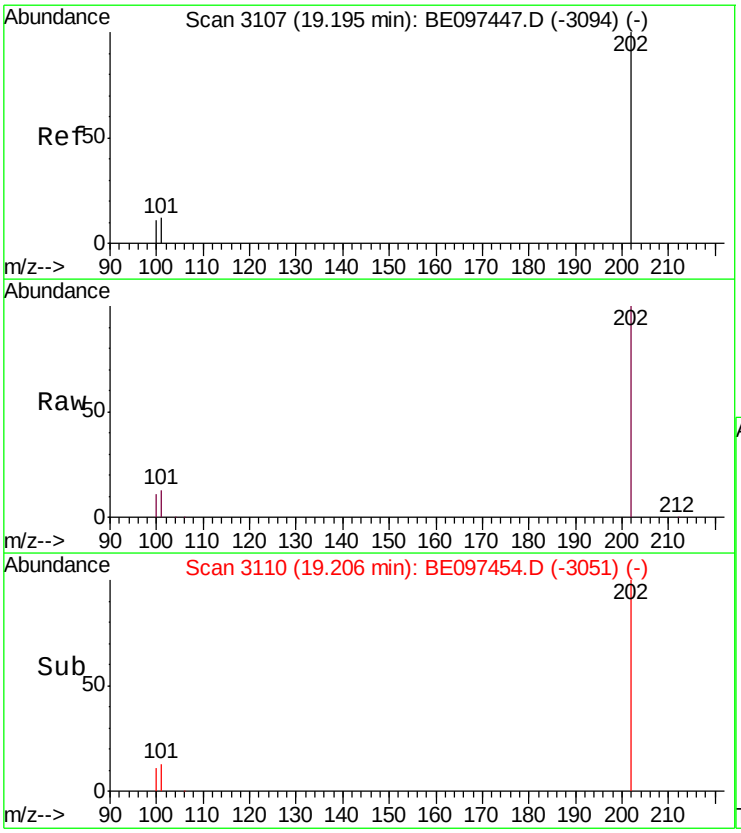
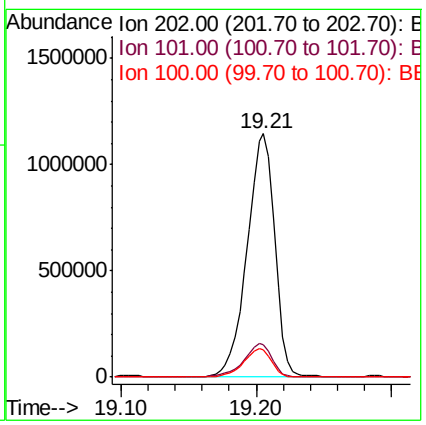
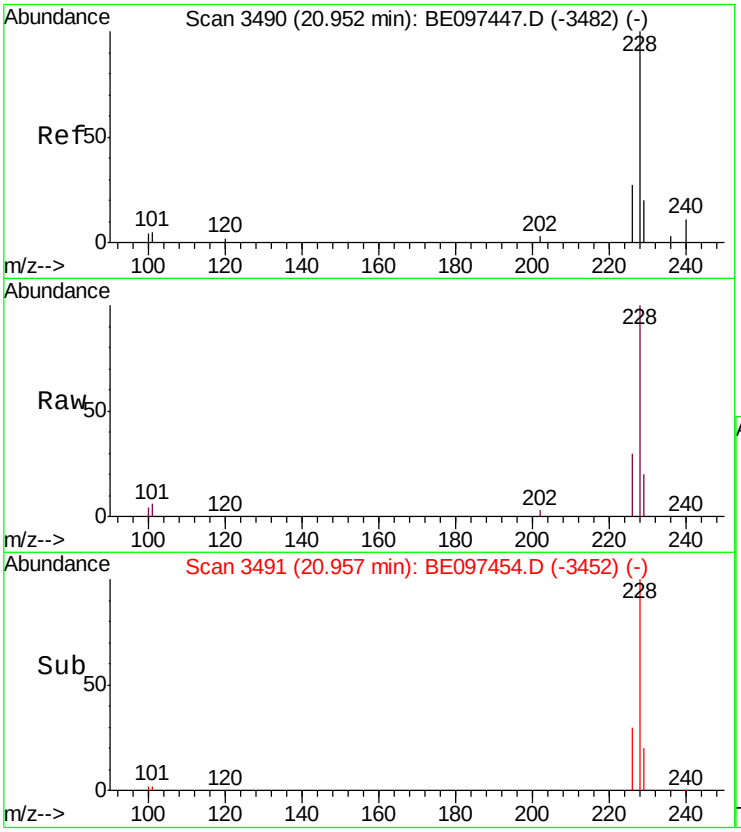


#17
Pyrene
Concen: 56.083 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:202 Resp: 1626310

Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.3	15.6	23.4#

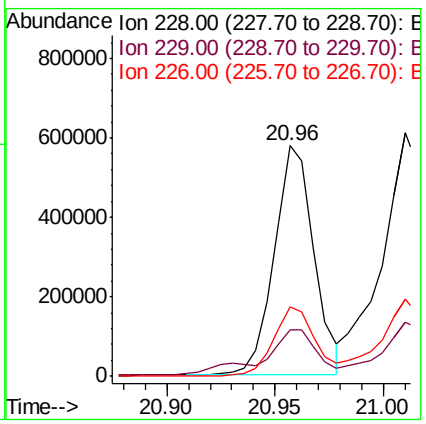




#18
Benzo(a)anthracene
Concen: 26.487 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:228 Resp: 733216

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	30.4	17.0	25.6#



Instrument :
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ClientSampleId :
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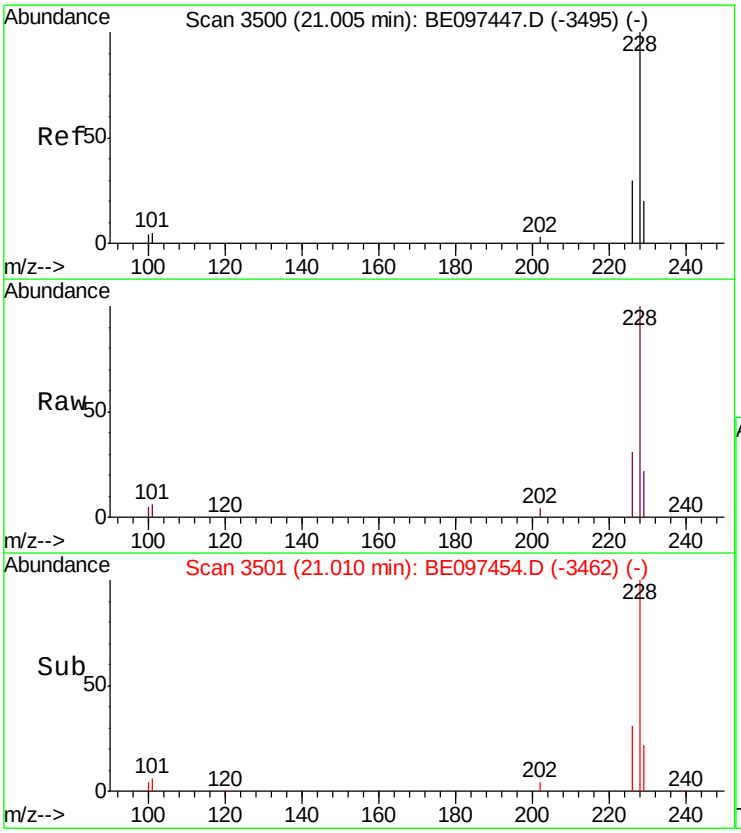
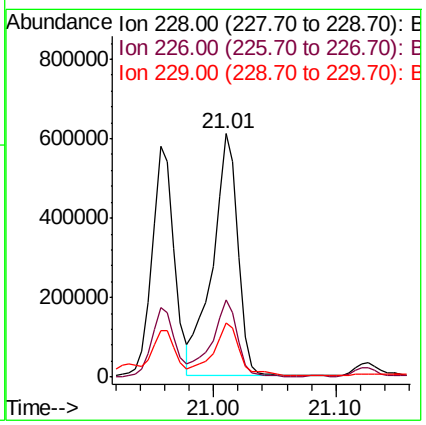
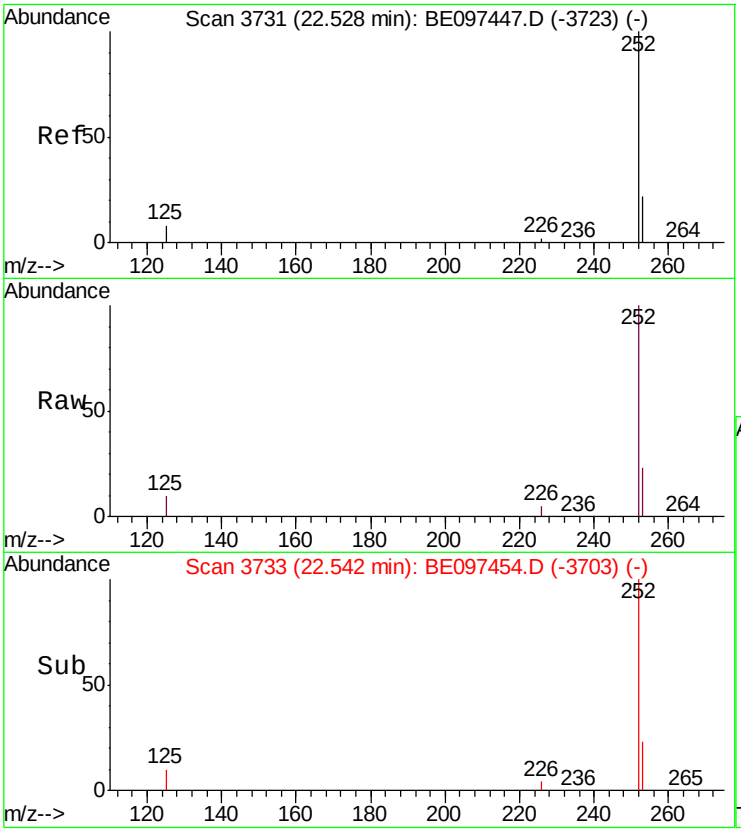


#19
Chrysene
Concen: 27.483 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:228 Resp: 876526

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	22.2	17.7	26.5

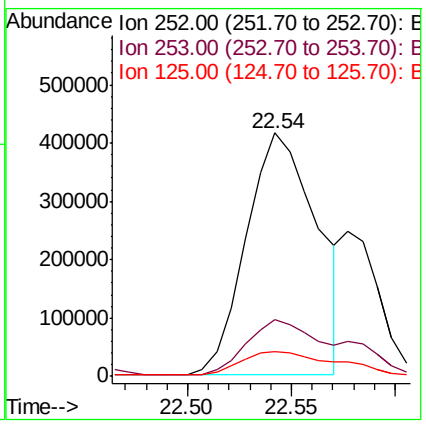




#21
Benzo(b)fluoranthene
Concen: 29.830 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:252 Resp: 983614

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	10.2	0.0	35.0



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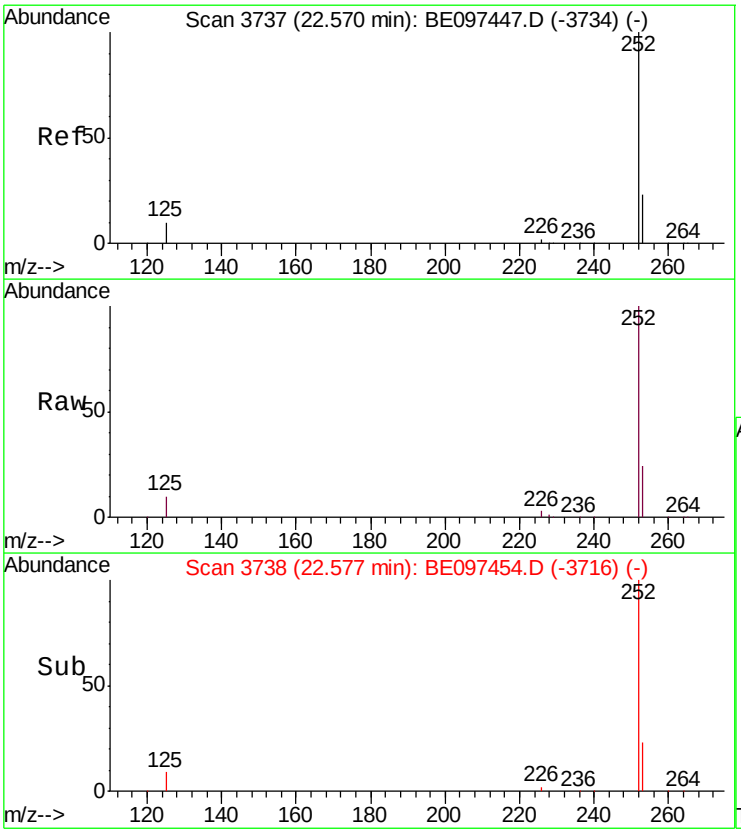
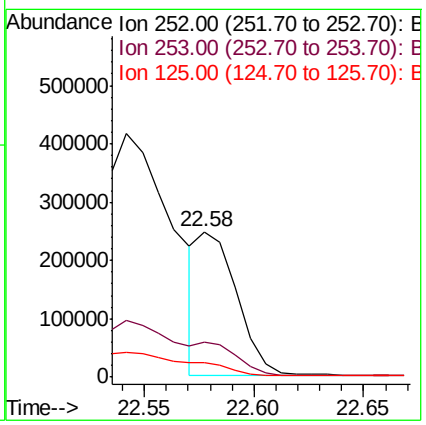
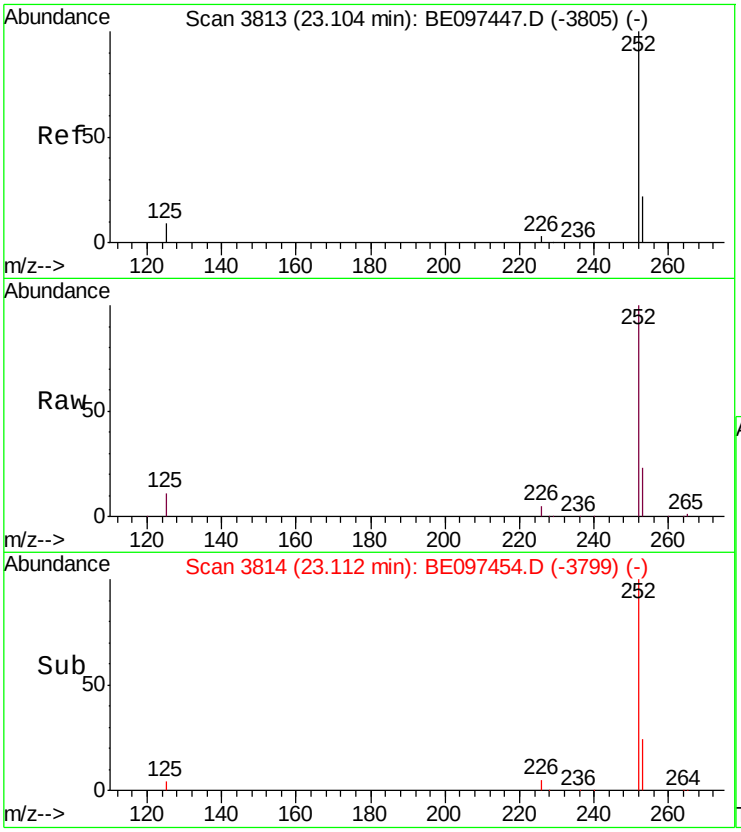


#22
Benzo(k)fluoranthene
Concen: 8.262 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:252 Resp: 303792

Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	10.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 19.413 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:252 Resp: 592217

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	10.7	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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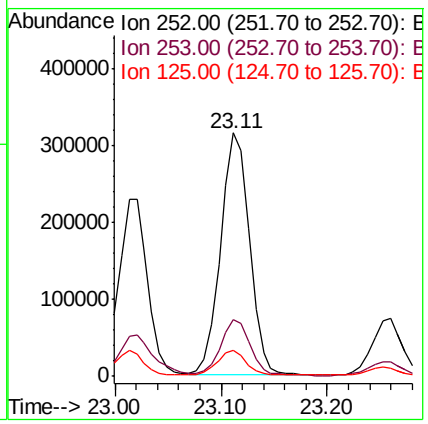
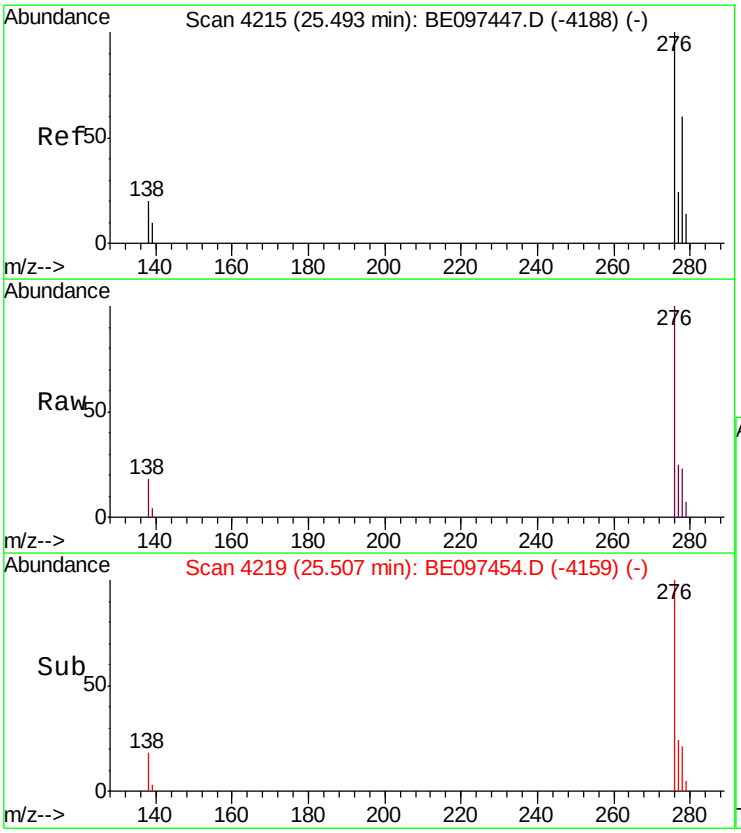
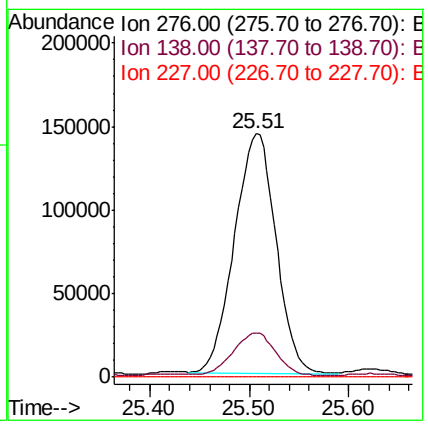


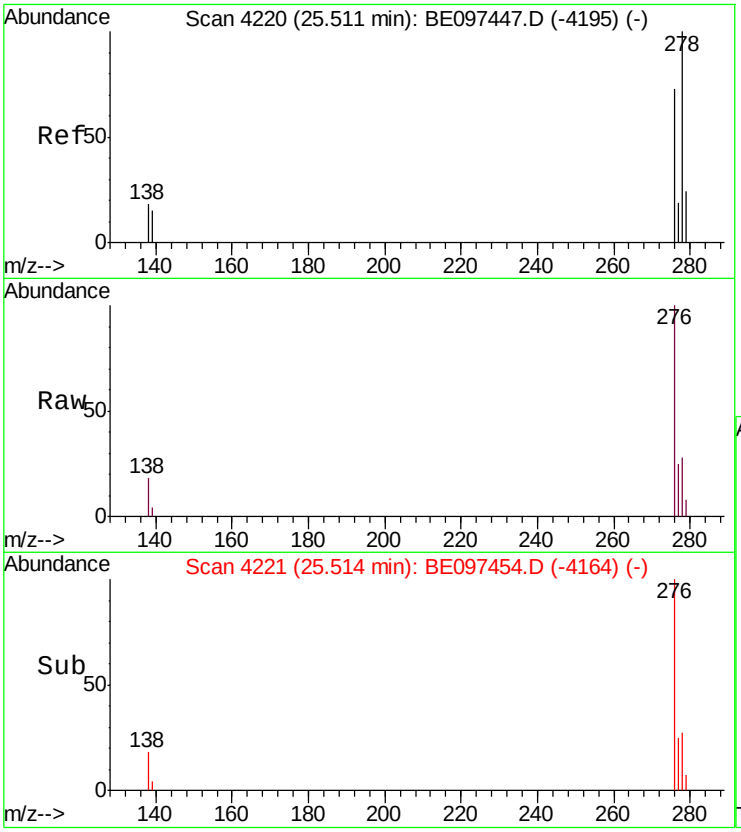


#24
Indeno(1,2,3-cd)pyrene
Concen: 10.500 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. 0.01 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:276 Resp: 415142

Ion	Ratio	Lower	Upper
276	100		
138	18.2	28.0	42.0#
227	0.0	8.0	12.0#





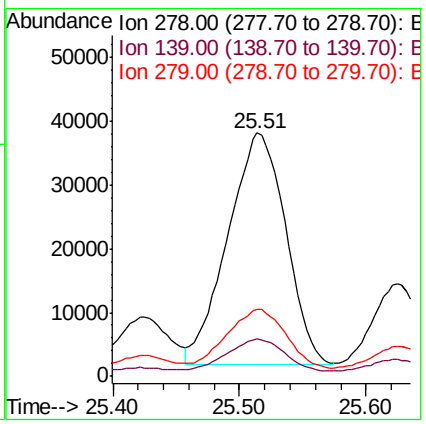
#25
Dibenzo(a,h)anthracene
Concen: 3.441 ng/ul m
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

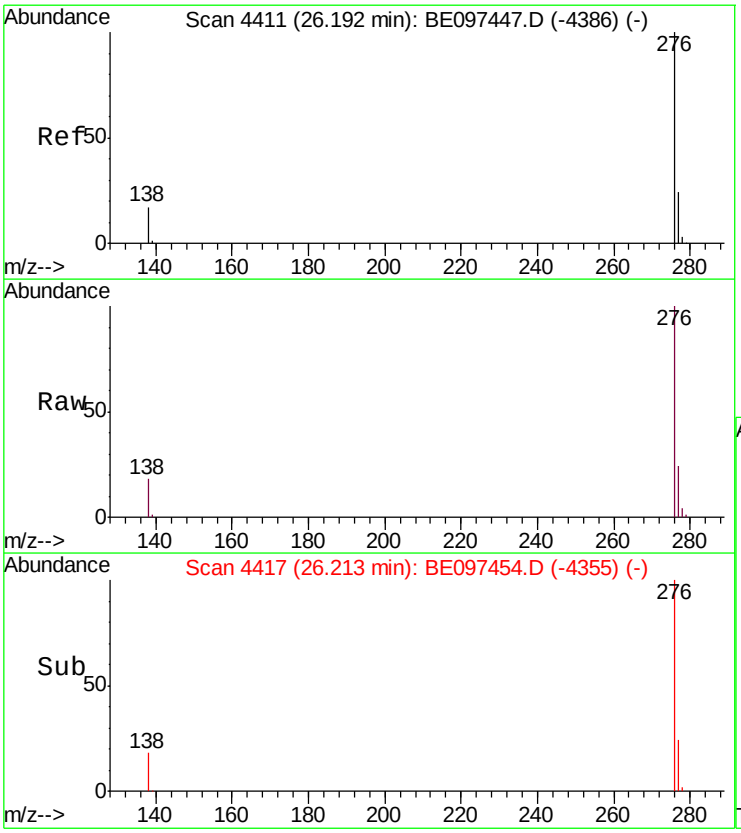
Tgt Ion:278 Resp: 115267

Ion	Ratio	Lower	Upper
278	100		
139	15.4	17.4	26.0#
279	27.7	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:19 PM





#26
Benzo(g,h,i)perylene
Concen: 11.249 ng/ul
RT: 26.21 min Scan# 4417
Delta R.T. 0.02 min
Lab File: BE097454.D
Acq: 12 Sep 2018 15:07

Tgt Ion:276 Resp: 379195

Ion	Ratio	Lower	Upper
276	100		
138	18.3	21.8	32.8#
277	24.4	20.5	30.7