Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093202.D
Acq On : 15 Jun 2017 11:07
Operator : SJ/MA
Sample : I3521-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C42

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:36 PM

Quant Time: Jun 15 11:48:59 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3776	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20061	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	27592	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28080	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	27400	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4676	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12352	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	8855	0.178	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	2372	0.070	ng/ul	99
7) Acenaphthylene	14.09	152	24992	0.478	ng/ul	96
8) Acenaphthene	14.43	153	923	0.022	ng/ul	93
9) Fluorene	15.42	166	1099	0.022	ng/ul#	84
12) Phenanthrene	17.13	178	28405	0.374	ng/ul#	86
13) Anthracene	17.22	178	33684	0.510	ng/ul#	86
15) Fluoranthene	19.16	202	166353	1.787	ng/ul	83
17) Pyrene	19.52	202	228055	2.754	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	144124	1.924	ng/ul#	84
19) Chrysene	21.30	228	222197	2.860	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	416047m	5.003	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	148127m	1.677	ng/ul	
23) Benzo(a)pyrene	23.57	252	190249	2.420	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.19	276	142254	1.563	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	40172	0.524	ng/ul#	87
26) Benzo(g,h,i)perylene	26.97	276	116653	1.494	ng/ul	95

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

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Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
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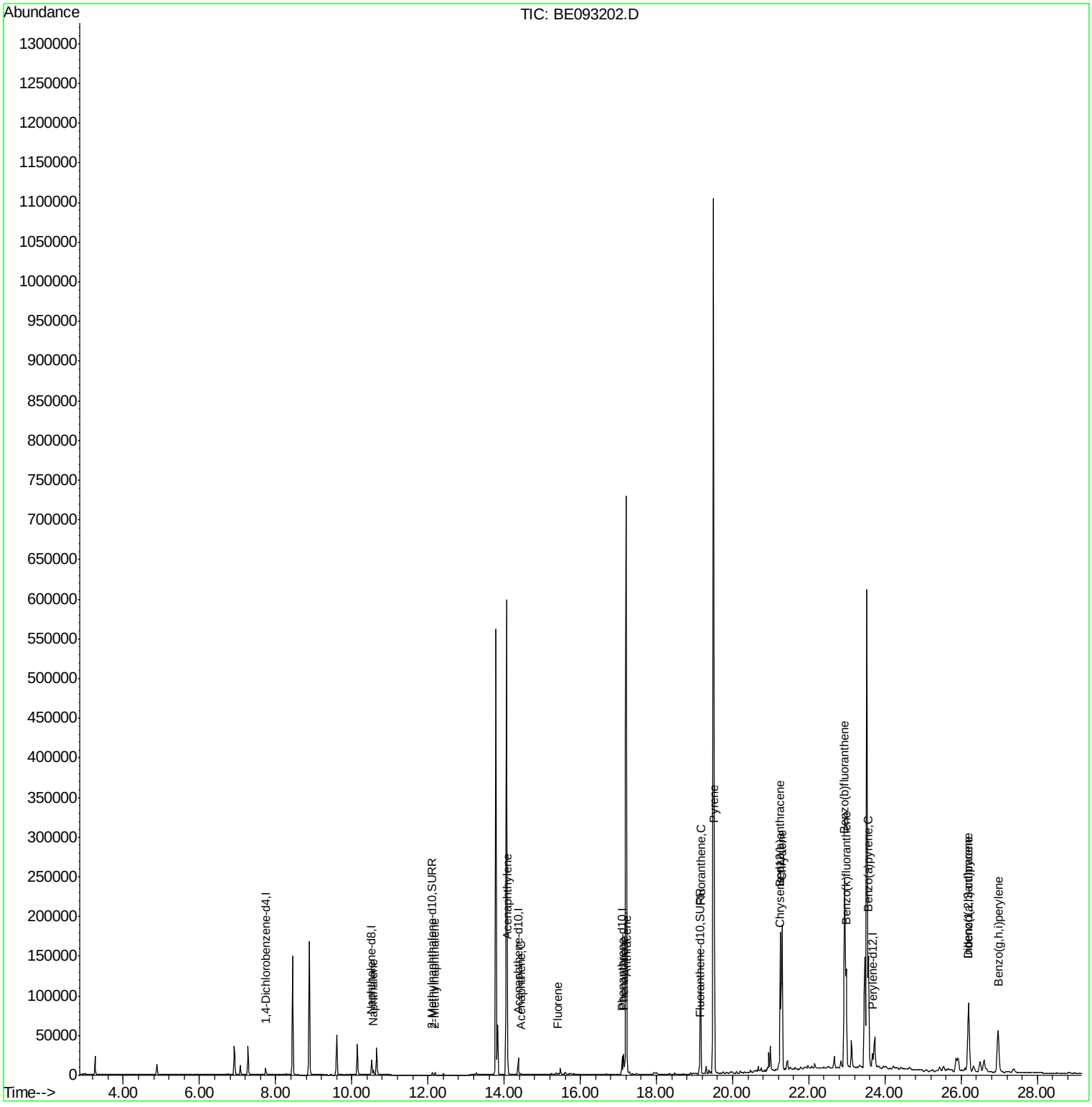

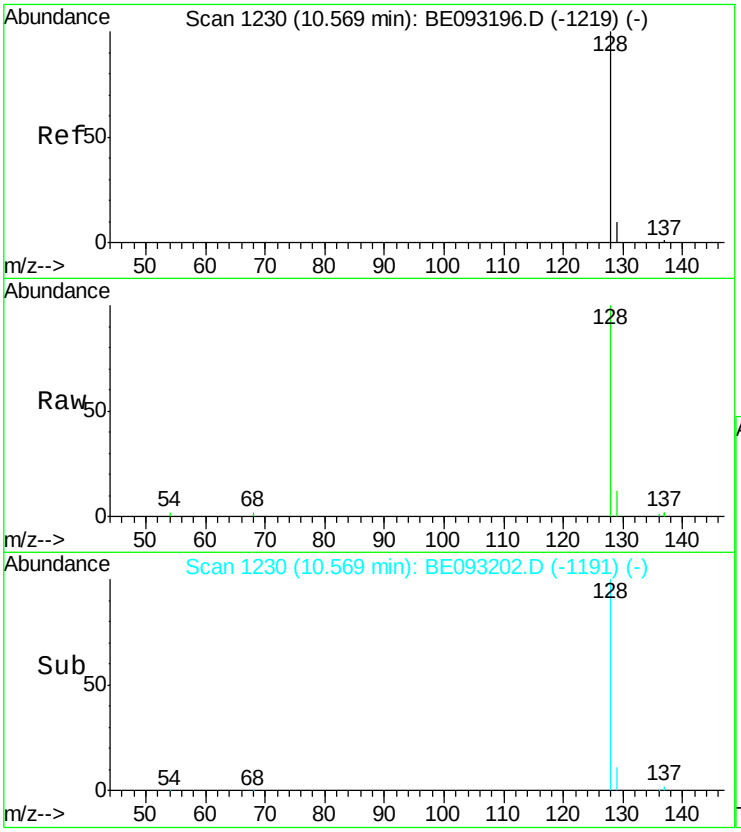

#3
Naphthalene
Concen: 0.178 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:128 Resp: 8855

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

Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
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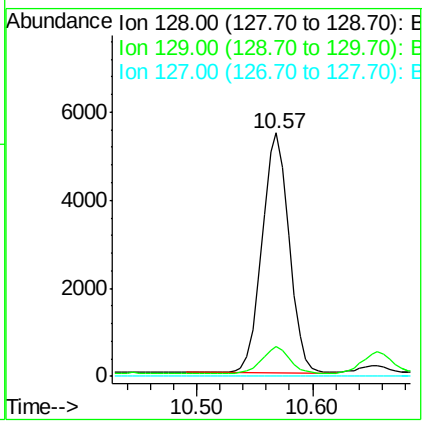
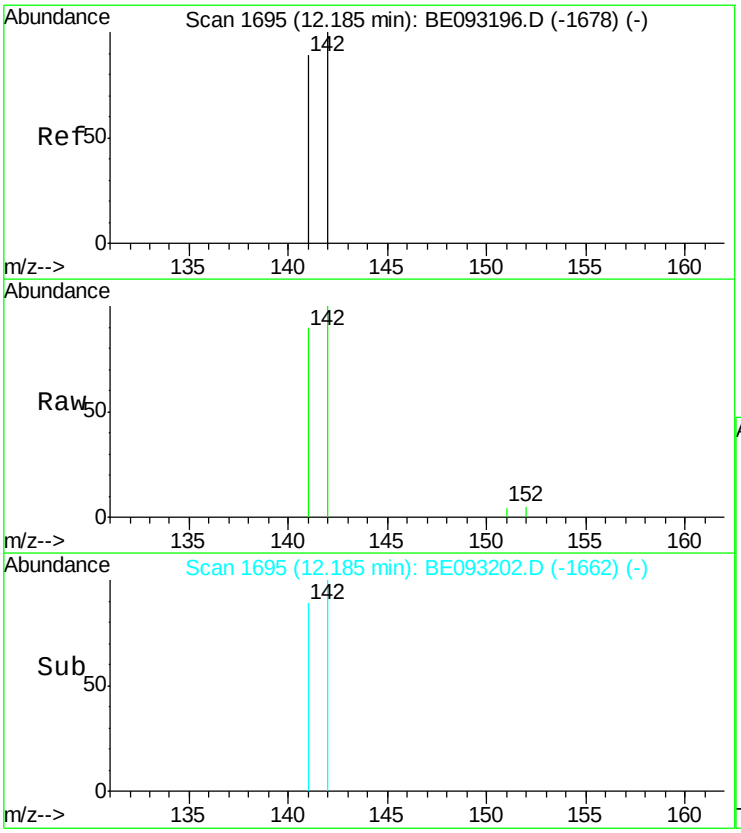
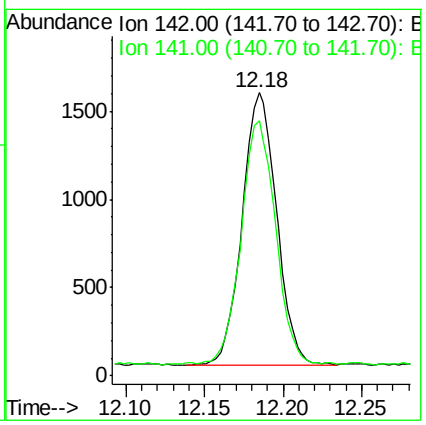


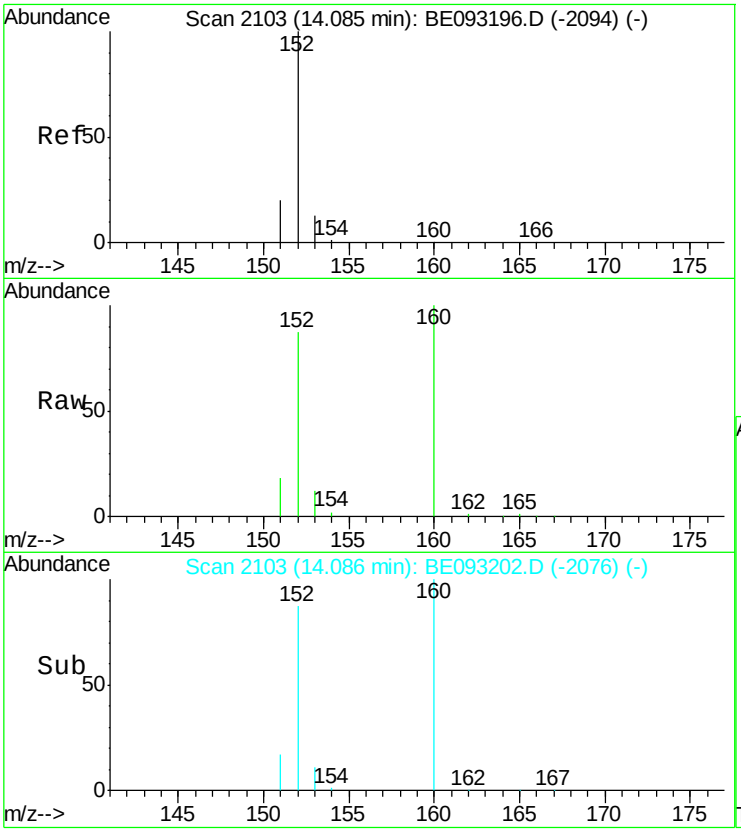


#5
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:142 Resp: 2372

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7
Acenaphthylene
Concen: 0.478 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:152 Resp: 24992

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.2	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
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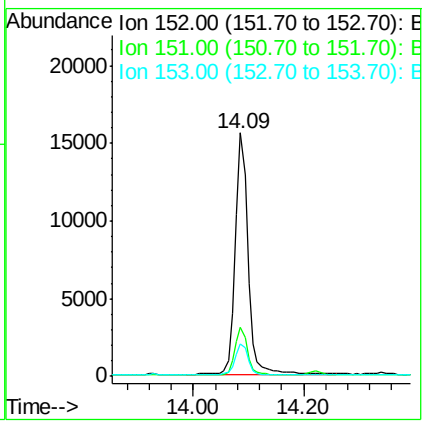
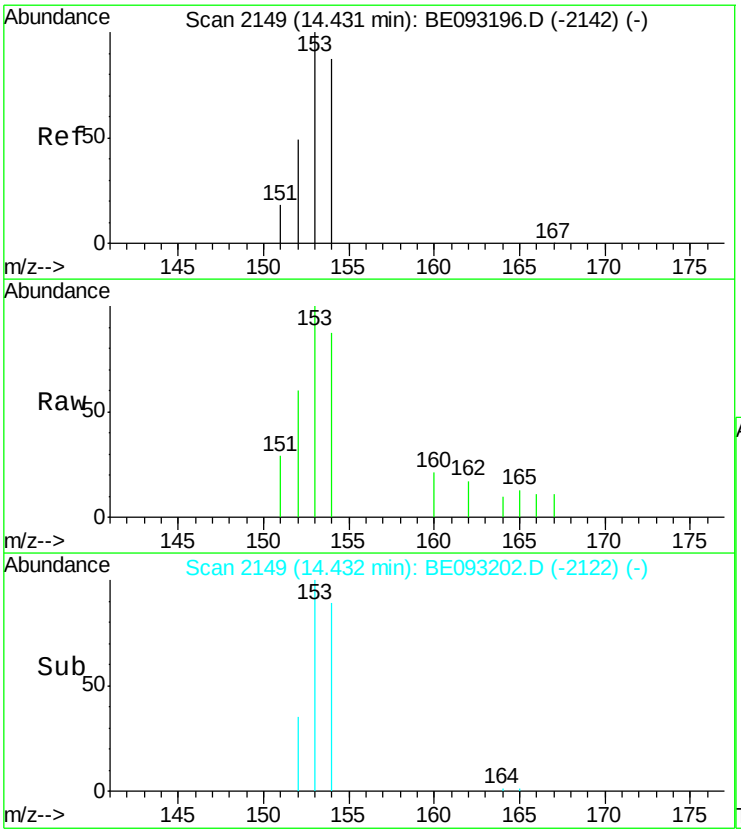
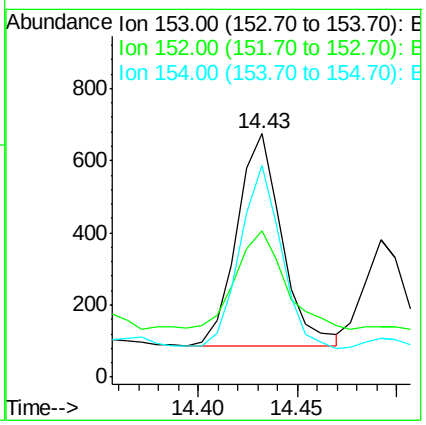


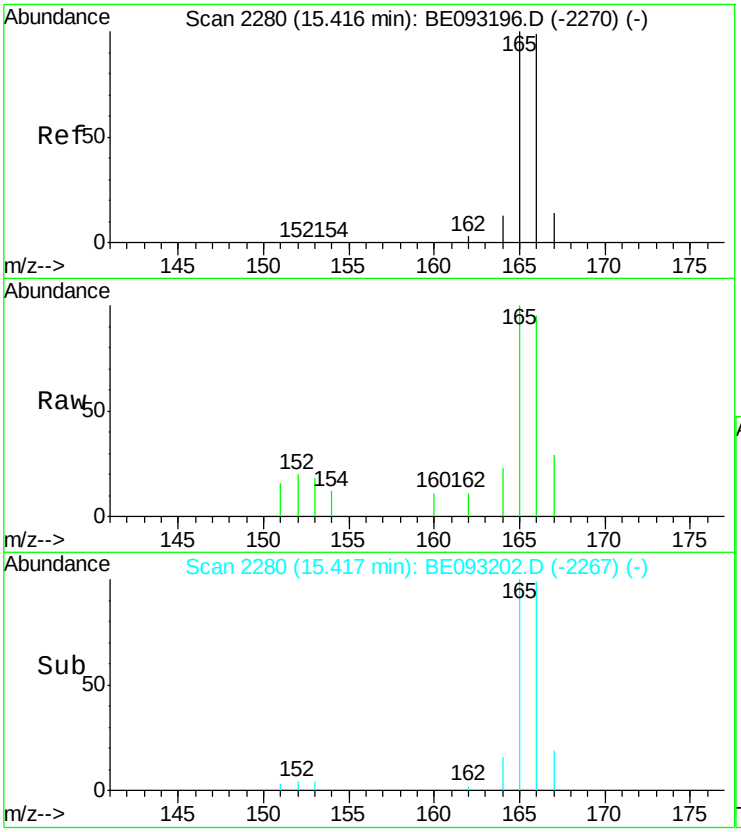


#8
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:153 Resp: 923

Ion	Ratio	Lower	Upper
153	100		
152	60.1	40.3	60.5
154	87.0	71.4	107.2





#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:166 Resp: 1099

Ion	Ratio	Lower	Upper
166	100		
165	105.4	73.4	110.2
167	30.5	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
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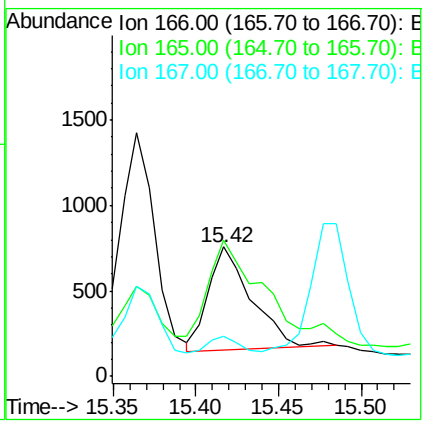
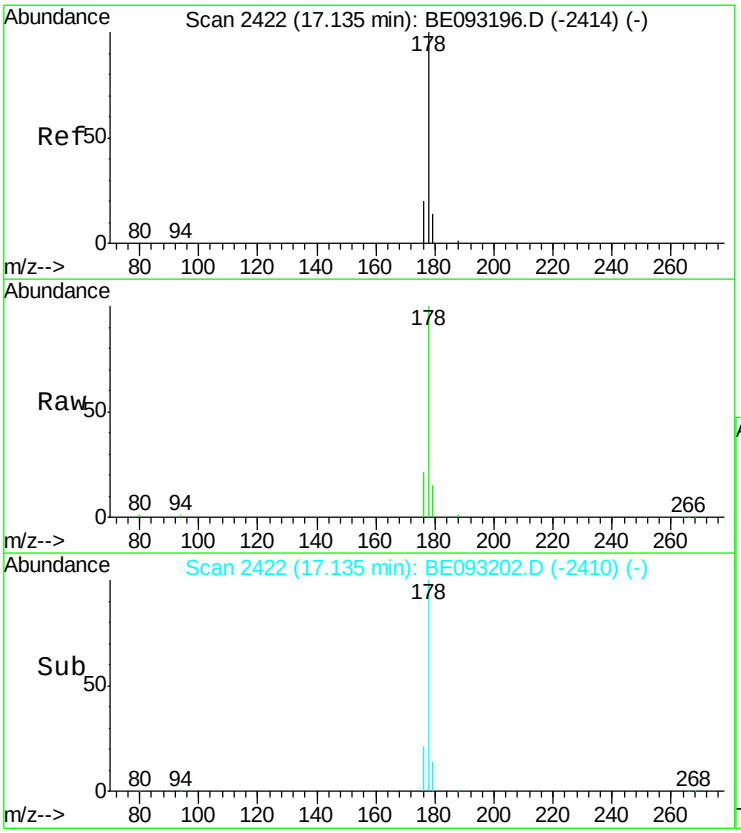
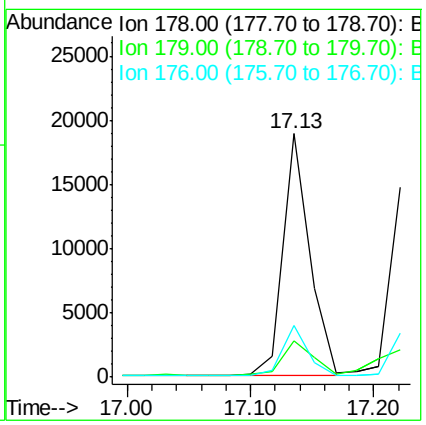


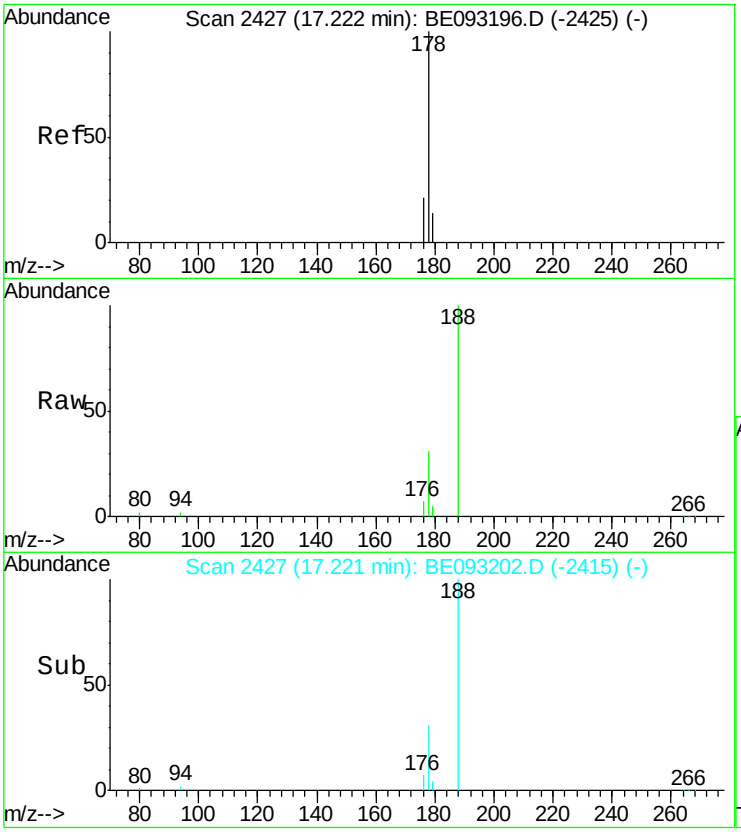


#12
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:178 Resp: 28405

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	21.3	13.6	20.4#





#13
Anthracene
Concen: 0.510 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:178 Resp: 33684

Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.1	27.1#
176	23.2	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F5C42

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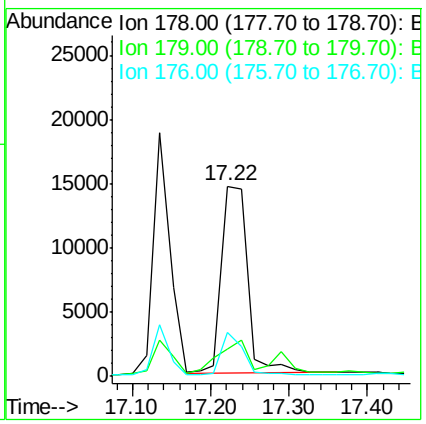
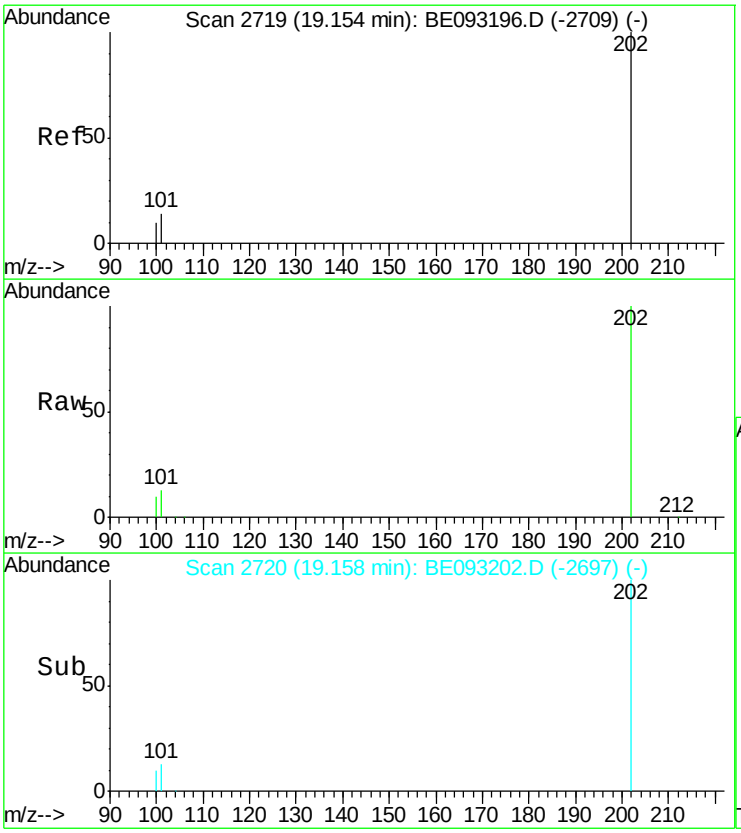
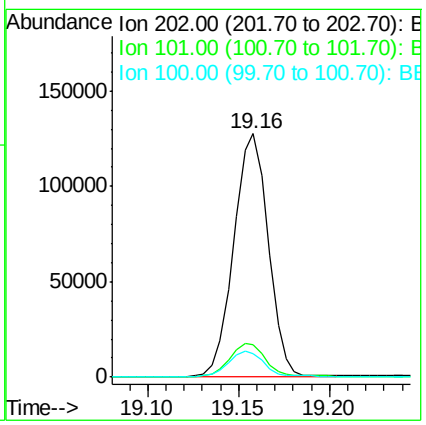


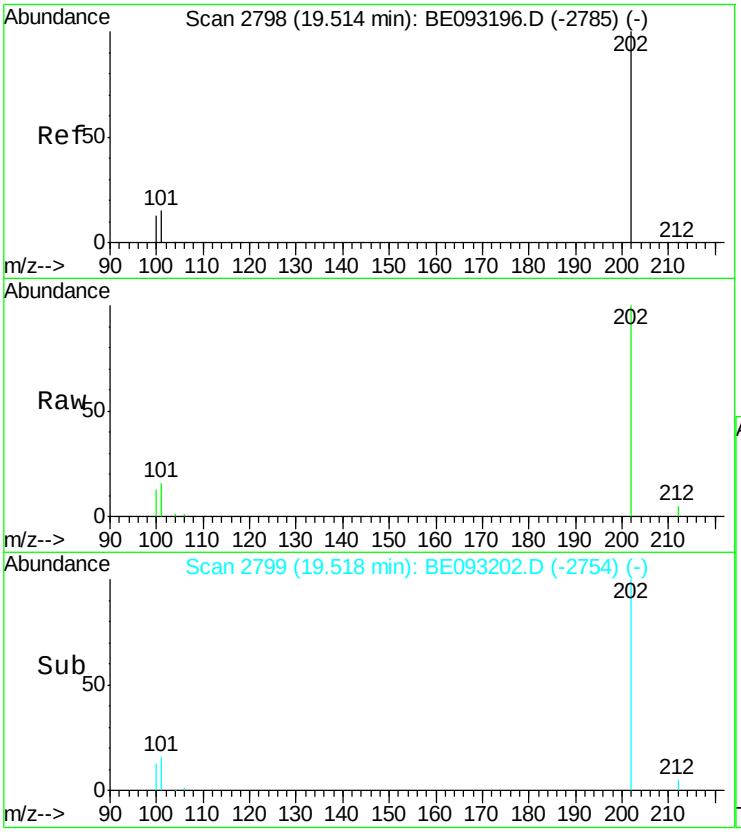


#15
Fluoranthene
Concen: 1.787 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:202 Resp: 166353

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	30.3
100	9.9	0.0	39.5





#17
Pyrene
Concen: 2.754 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:202 Resp: 228055

Ion	Ratio	Lower	Upper
202	100		
101	15.9	18.2	27.4#
100	12.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5C42

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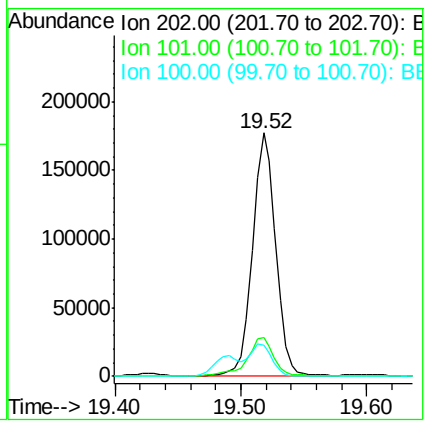
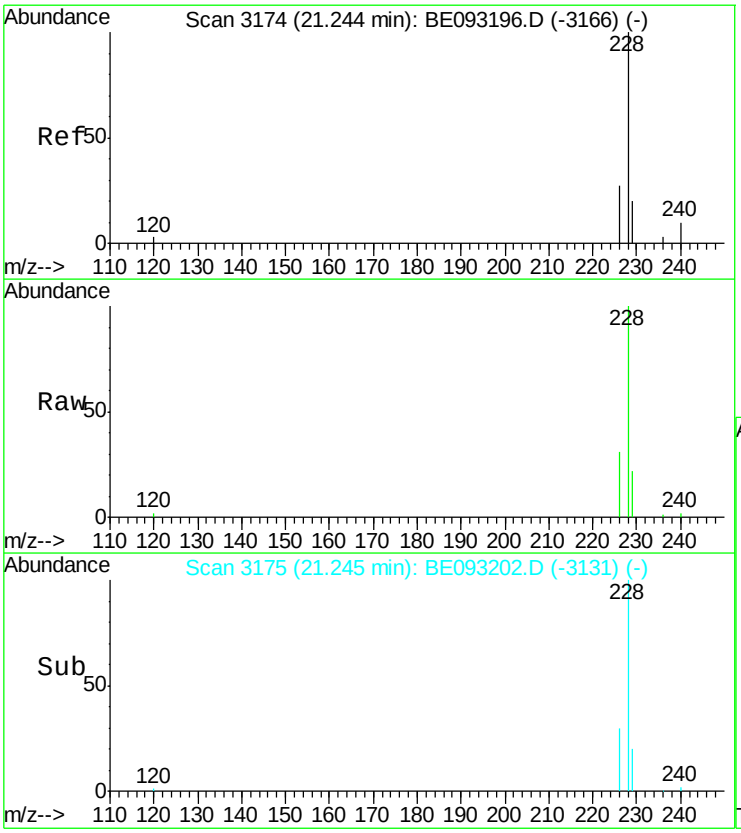
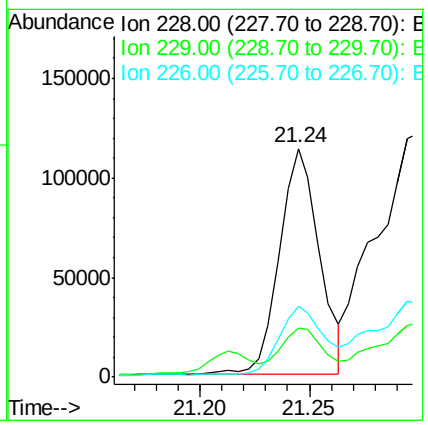


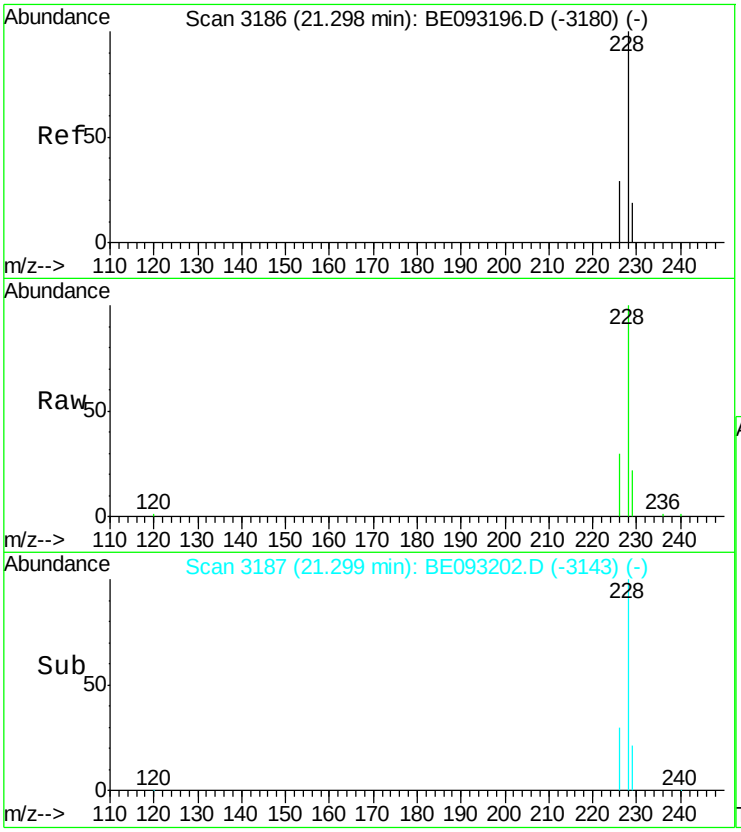


#18
Benzo(a)anthracene
Concen: 1.924 ng/ul
RT: 21.24 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:228 Resp: 144124

Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	30.8	17.0	25.6#

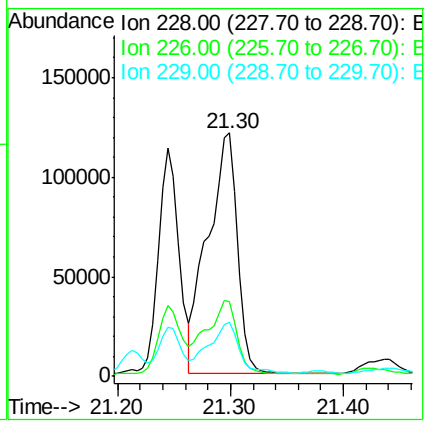




#19
Chrysene
Concen: 2.860 ng/ul
RT: 21.30 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:228 Resp: 222197

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	22.5	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
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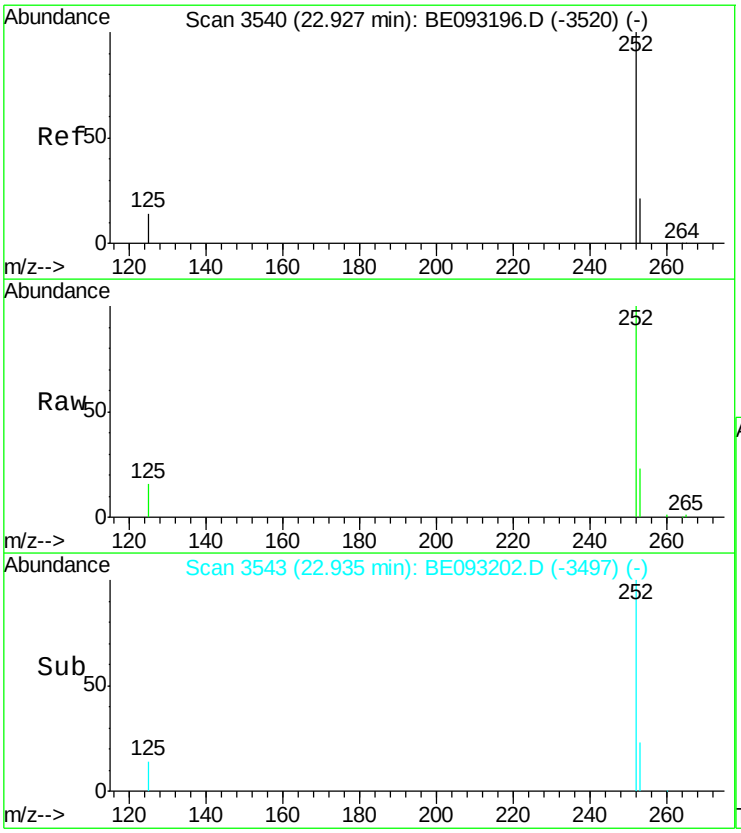
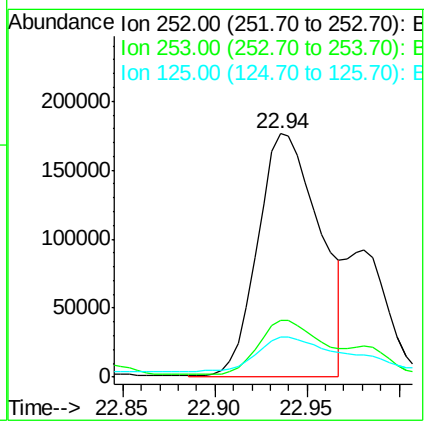
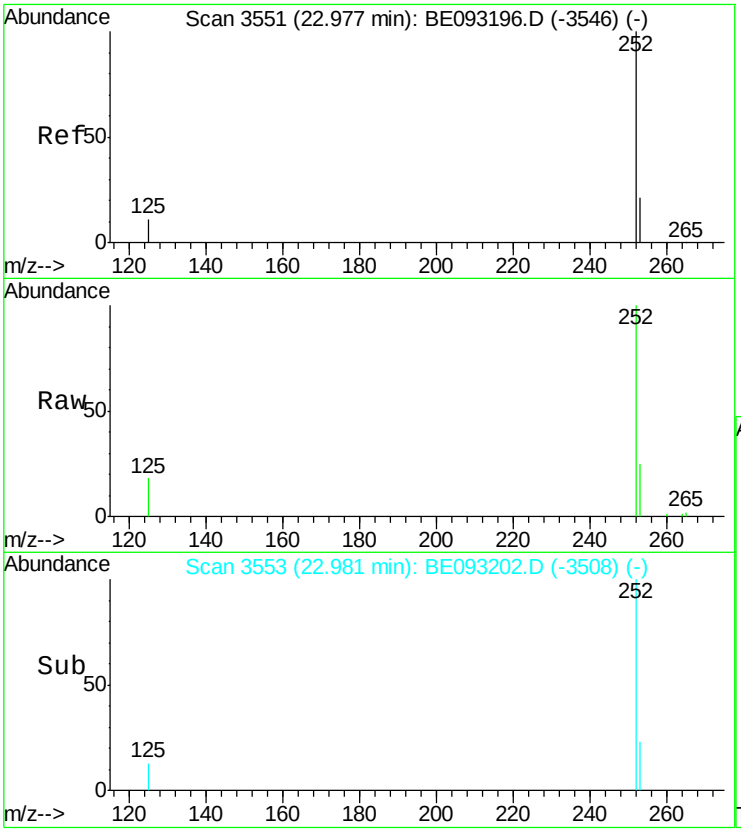


#21
Benzo(b)fluoranthene
Concen: 5.003 ng/ul m
RT: 22.94 min Scan# 3543
Delta R.T. 0.01 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:252 Resp: 416047

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	16.2	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.677 ng/ul m
RT: 22.98 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:252 Resp: 148127

Ion	Ratio	Lower	Upper
252	100		
253	24.6	24.5	36.7
125	17.9	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
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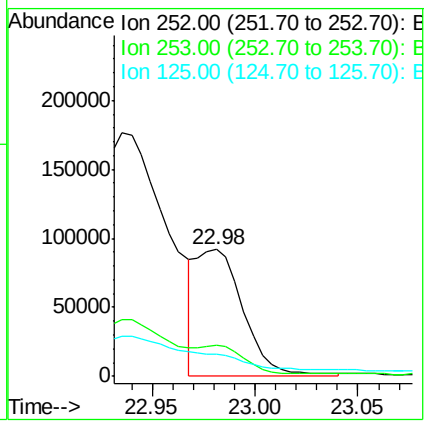
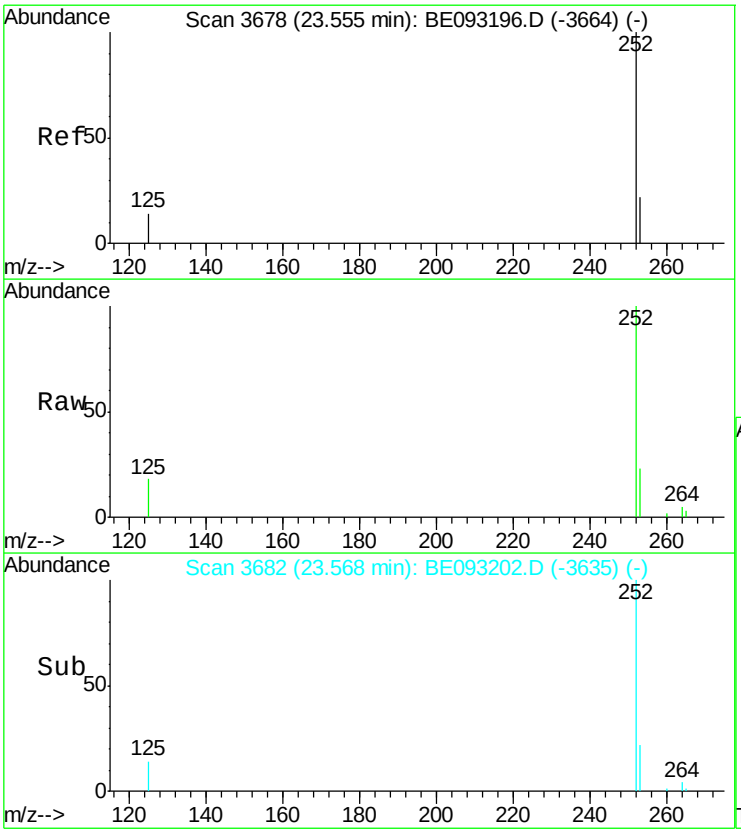
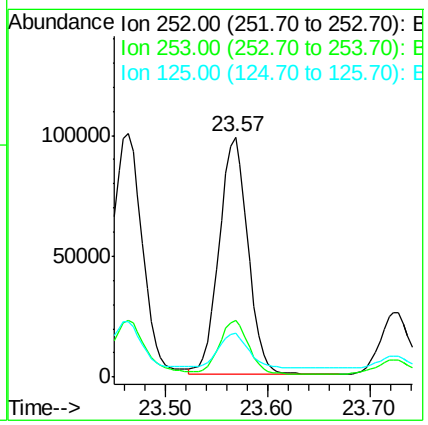


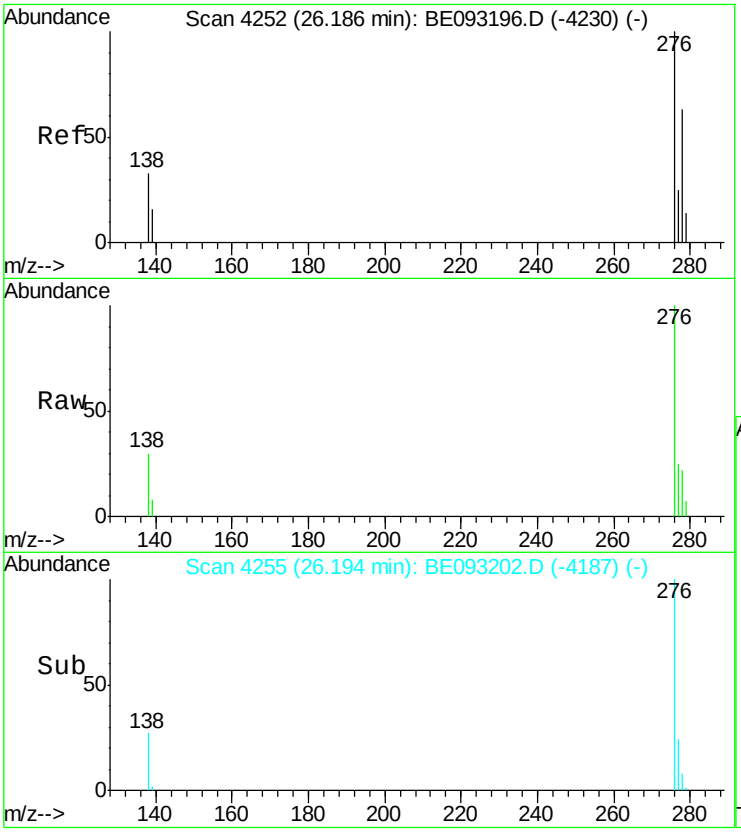


#23
Benzo(a)pyrene
Concen: 2.420 ng/ul
RT: 23.57 min Scan# 3682
Delta R.T. 0.01 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:252 Resp: 190249

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	18.4	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.563 ng/ul
RT: 26.19 min Scan# 4255
Delta R.T. 0.01 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:276 Resp: 142254

Ion	Ratio	Lower	Upper
276	100		
138	29.2	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
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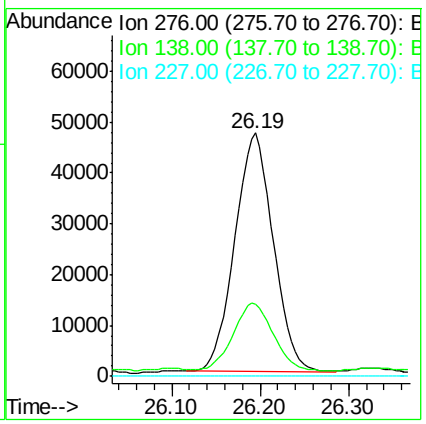
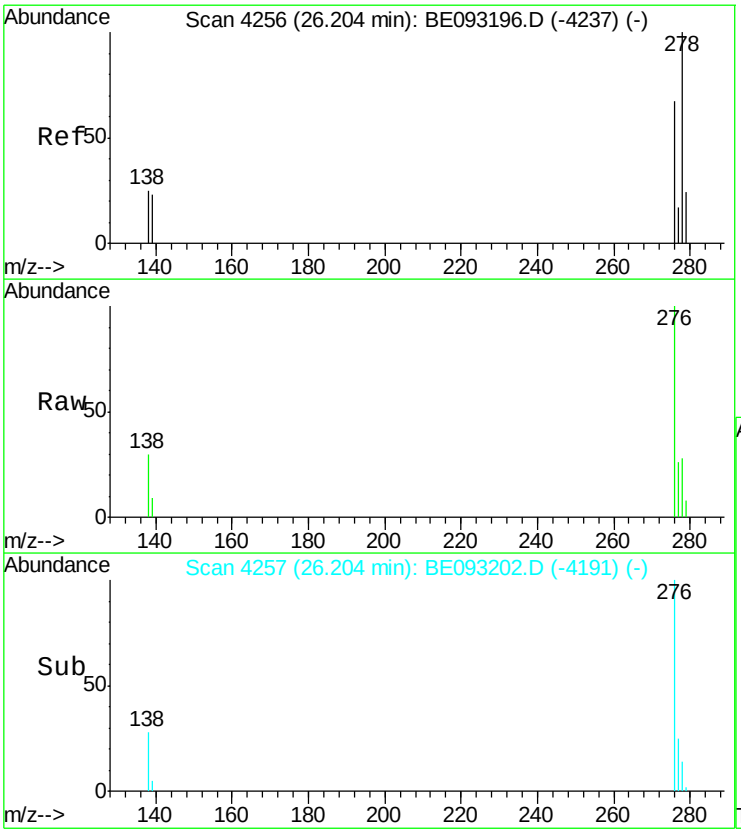
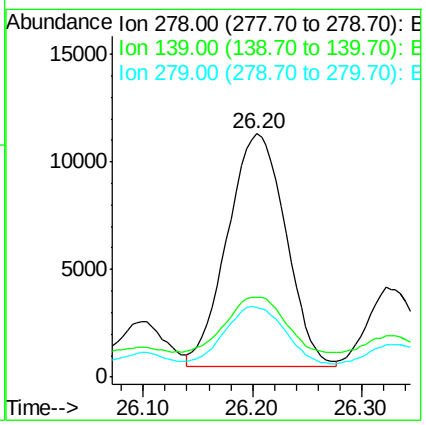


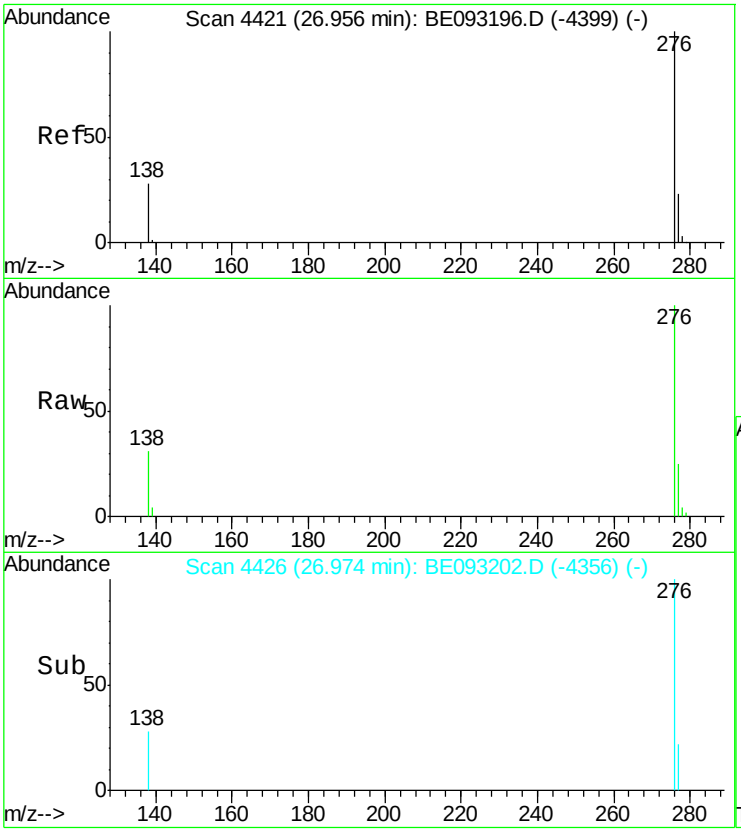


#25
Dibenzo(a,h)anthracene
Concen: 0.524 ng/ul
RT: 26.20 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:278 Resp: 40172

Ion	Ratio	Lower	Upper
278	100		
139	32.7	17.4	26.0#
279	28.7	25.9	38.9

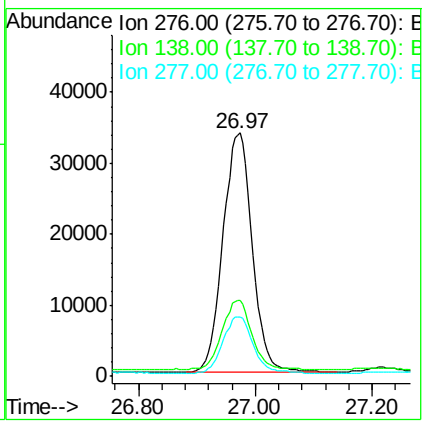




#26
Benzo(g,h,i)perylene
Concen: 1.494 ng/ul
RT: 26.97 min Scan# 4426
Delta R.T. 0.02 min
Lab File: BE093202.D
Acq: 15 Jun 2017 11:07

Tgt Ion:276 Resp: 116653

Ion	Ratio	Lower	Upper
276	100		
138	31.1	21.8	32.8
277	24.5	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:36 PM