Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093819.D
Acq On : 15 Aug 2017 22:16
Operator : SJ/JU
Sample : I4672-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations APPROVED
Sohil
8/16/2017 6:42:43 PM

Quant Time: Aug 16 07:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11733	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7204	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15707	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16511	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21197	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3487	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9100	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	3466	0.121	ng/ul#	96
5) 2-Methylnaphthalene	12.36	142	1787	0.086	ng/ul	99
7) Acenaphthylene	14.24	152	3426	0.114	ng/ul	99
8) Acenaphthene	14.58	153	1593	0.067	ng/ul	98
9) Fluorene	15.57	166	3092	0.103	ng/ul	95
12) Phenanthrene	17.29	178	54468	1.273	ng/ul#	91
13) Anthracene	17.38	178	12023	0.289	ng/ul#	93
15) Fluoranthene	19.30	202	91921	1.718	ng/ul	84
17) Pyrene	19.66	202	82685	1.716	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	41862	0.875	ng/ul#	85
19) Chrysene	21.44	228	42692	0.930	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	49235m	0.751	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	20361m	0.315	ng/ul	
23) Benzo(a)pyrene	23.80	252	38533	0.618	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.55	276	19549	0.284	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	4326	0.075	ng/ul#	94
26) Benzo(g,h,i)perylene	27.37	276	14722	0.254	ng/ul	99

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

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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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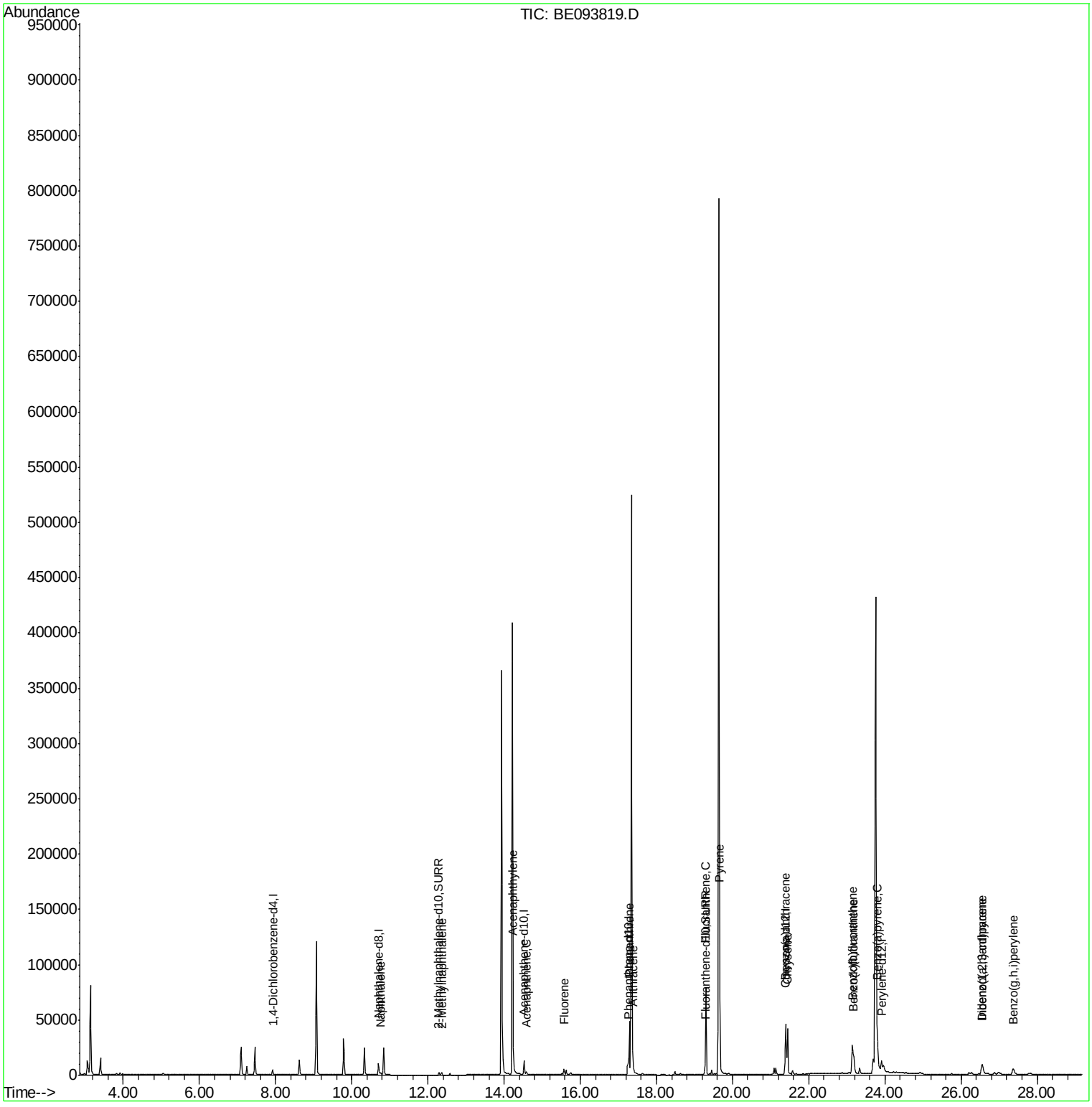

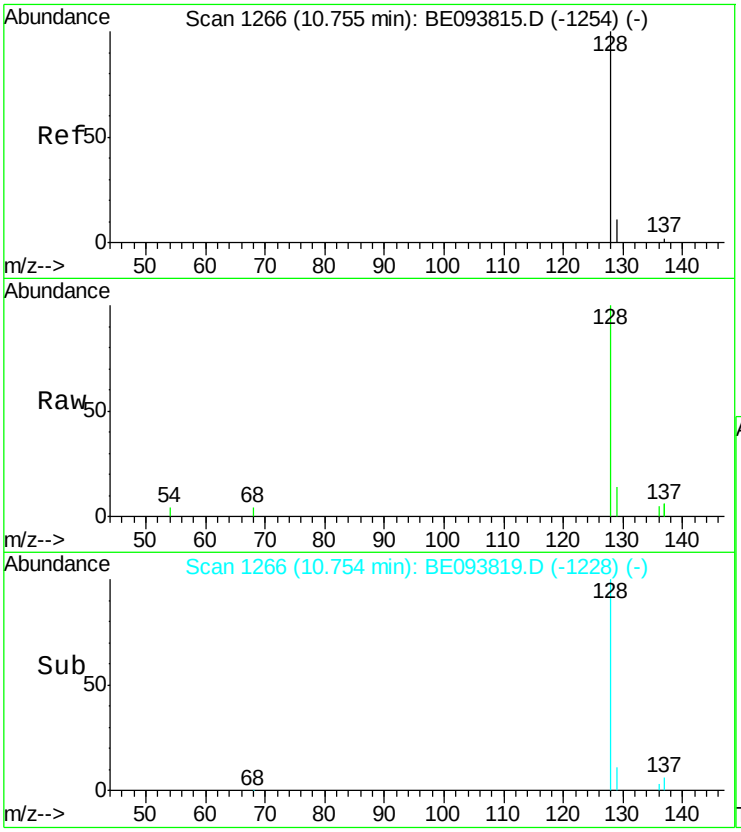

#3
Naphthalene
Concen: 0.121 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:128 Resp: 3466

Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations APPROVED
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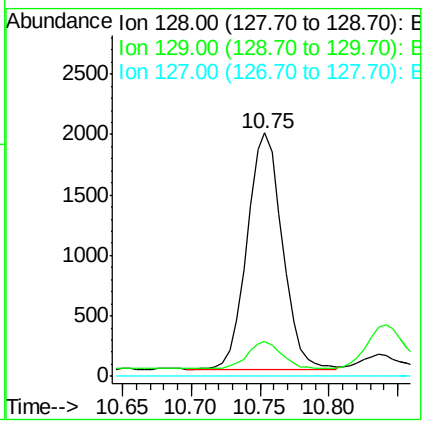
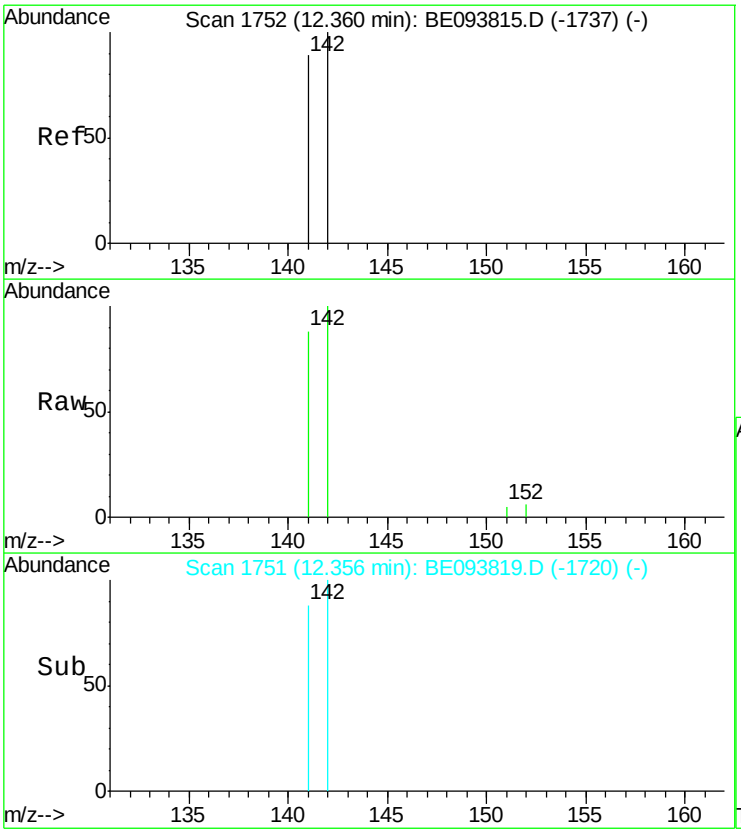
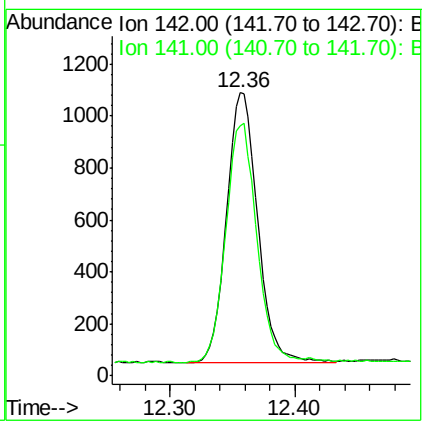


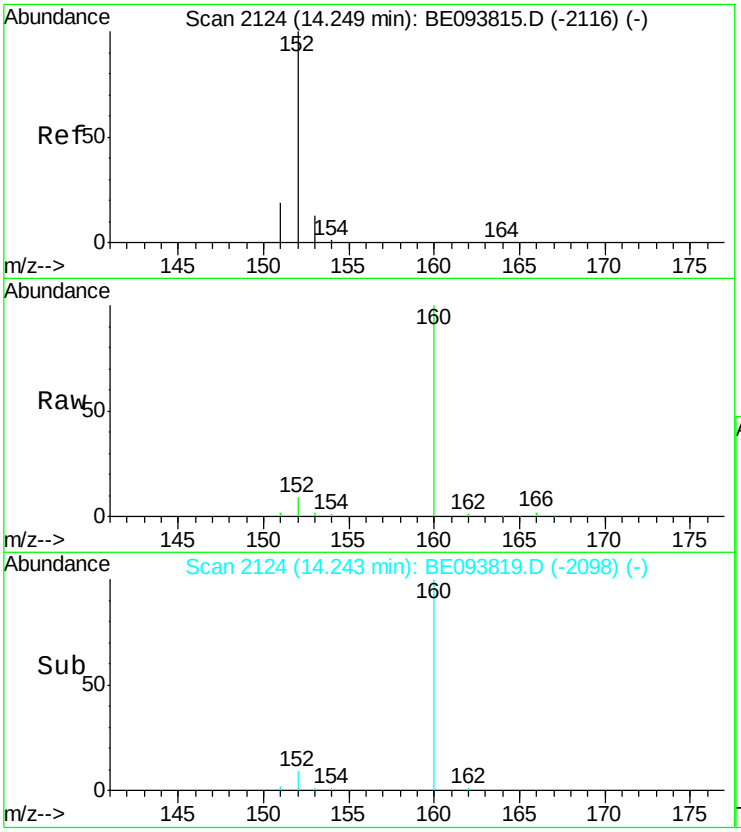


#5
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:142 Resp: 1787

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8

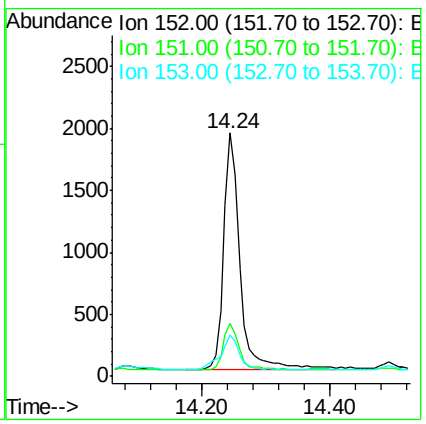




#7
Acenaphthylene
Concen: 0.114 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:152 Resp: 3426

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	16.8	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AJ1

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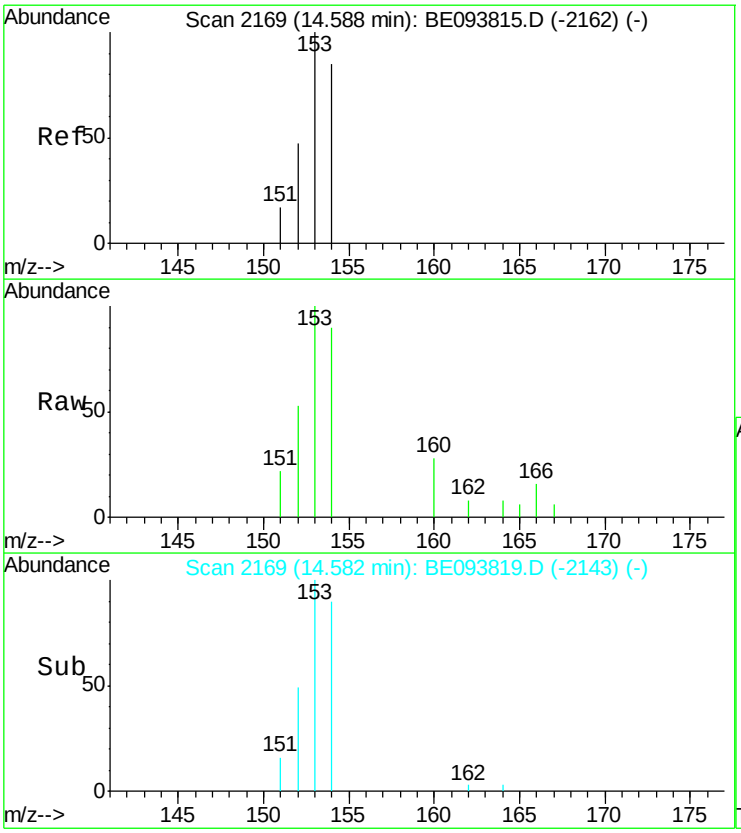
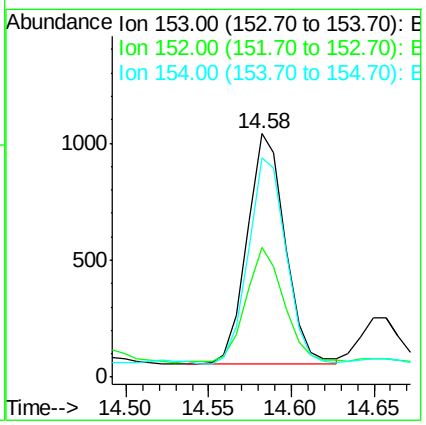
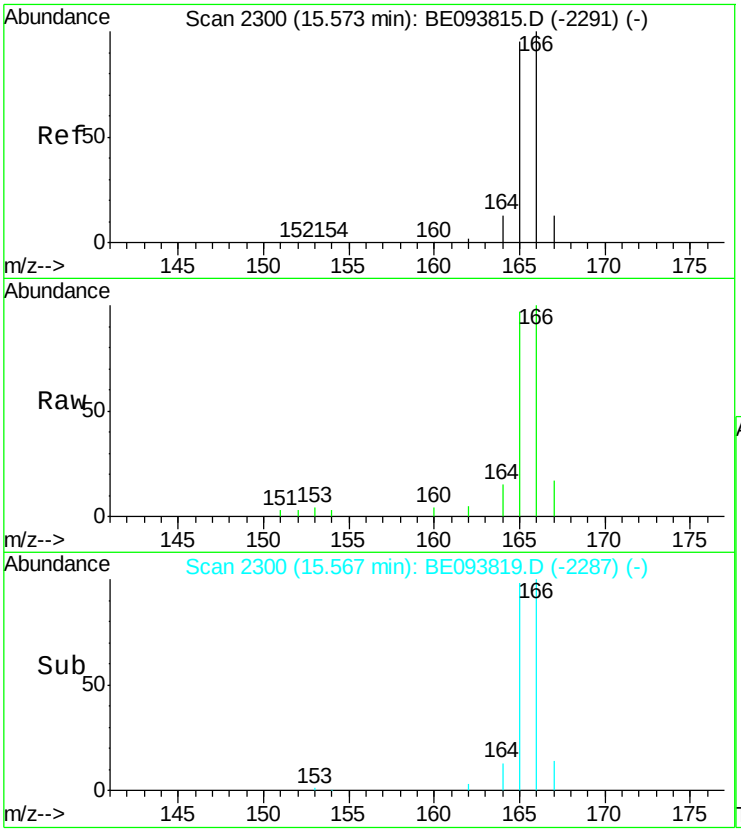


#8
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:153 Resp: 1593

Ion	Ratio	Lower	Upper
153	100		
152	53.3	40.3	60.5
154	90.2	71.4	107.2

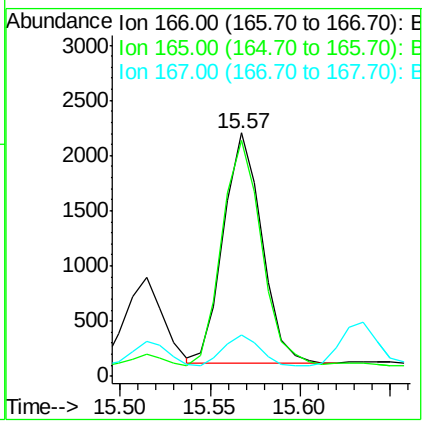




#9
Fluorene
Concen: 0.103 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:166 Resp: 3092

Ion	Ratio	Lower	Upper
166	100		
165	96.8	73.4	110.2
167	16.9	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations APPROVED
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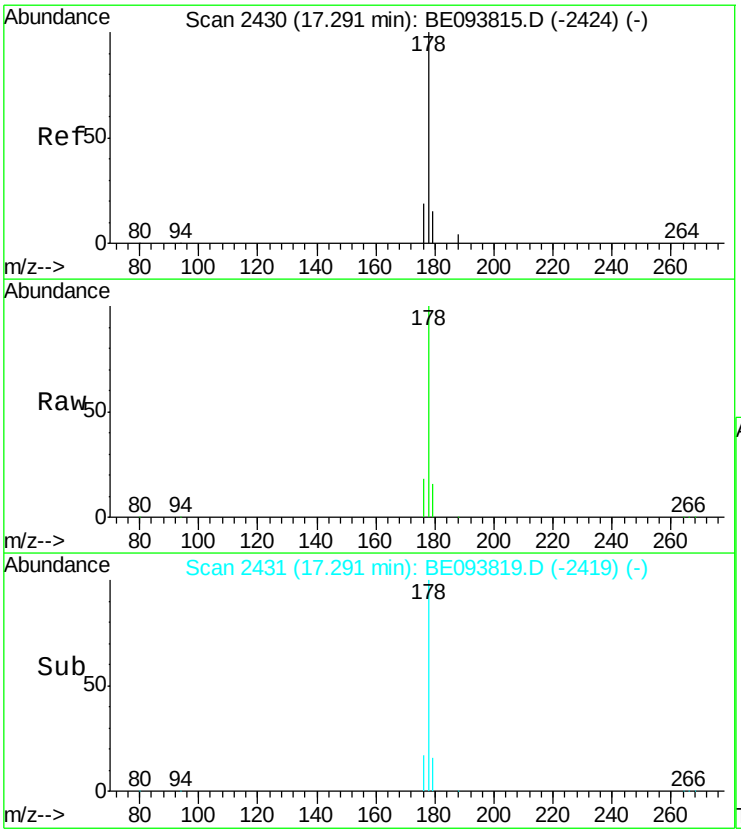
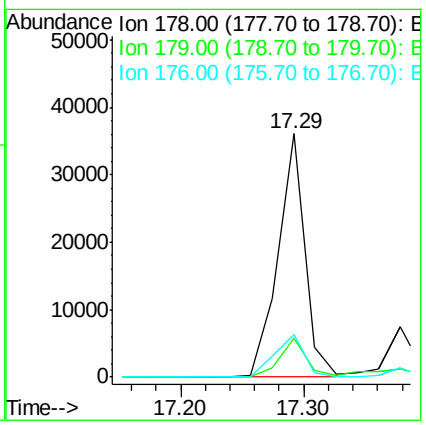
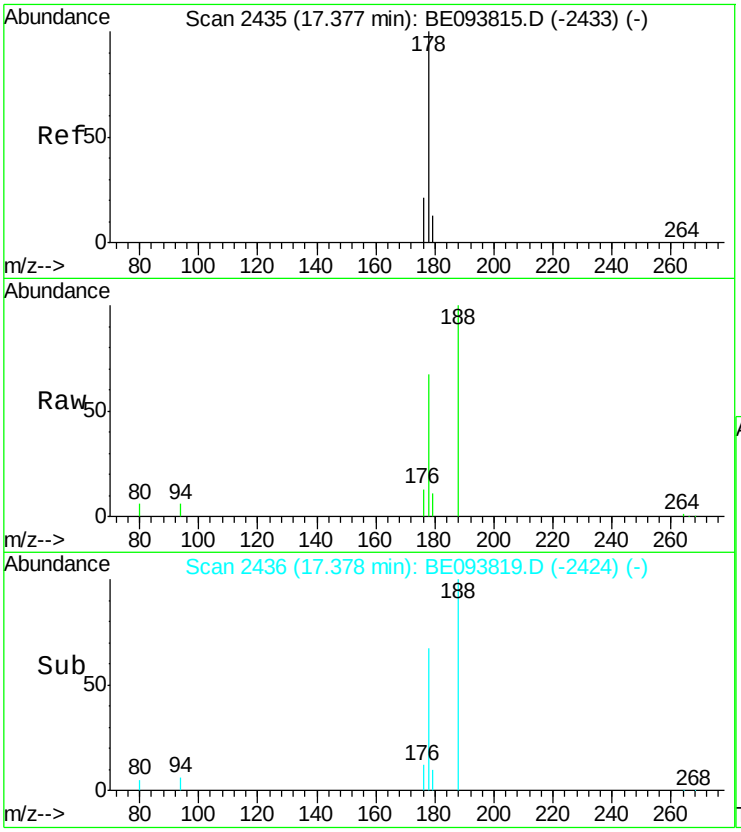


#12
Phenanthrene
Concen: 1.273 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:178 Resp: 54468

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	17.6	13.6	20.4





#13
Anthracene
Concen: 0.289 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:178 Resp: 12023

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	18.9	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

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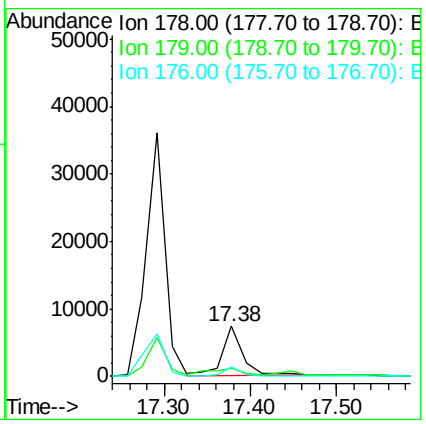
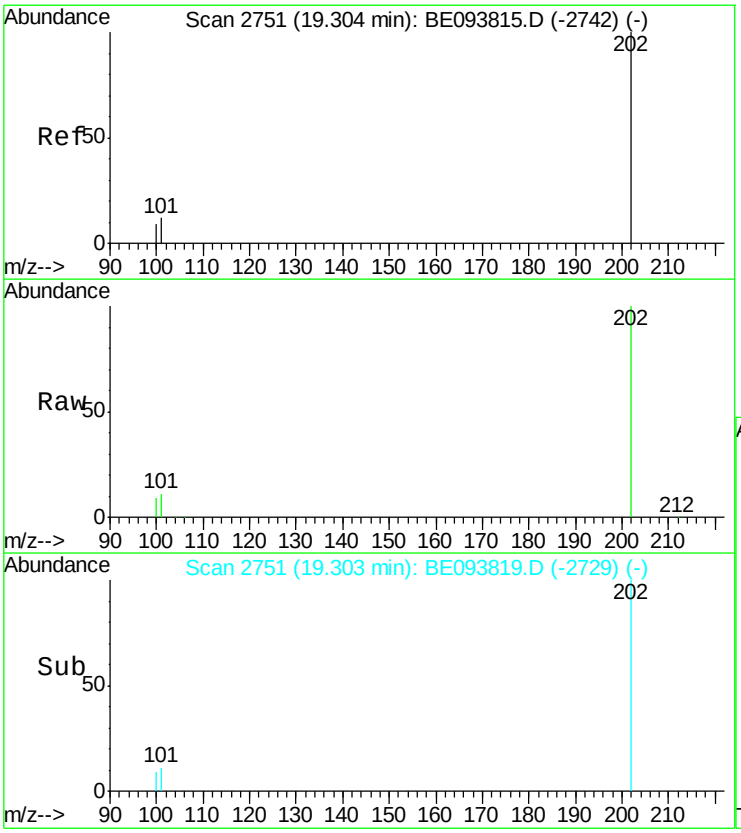
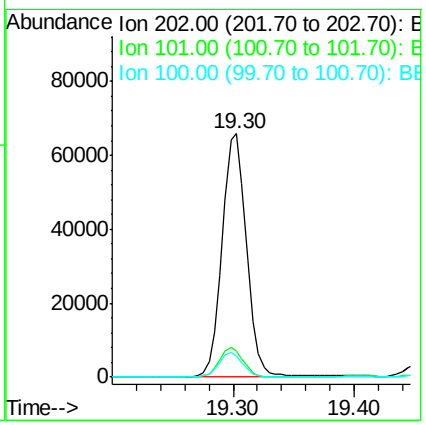


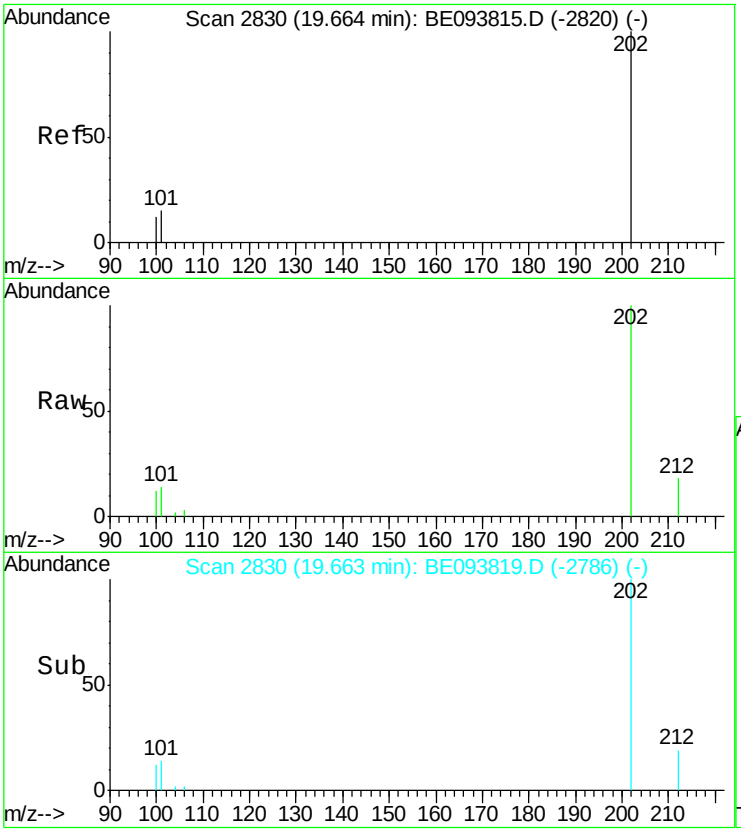


#15
Fluoranthene
Concen: 1.718 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:202 Resp: 91921

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.7	0.0	39.5





#17
Pyrene
Concen: 1.716 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:202 Resp: 82685

Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AJ1

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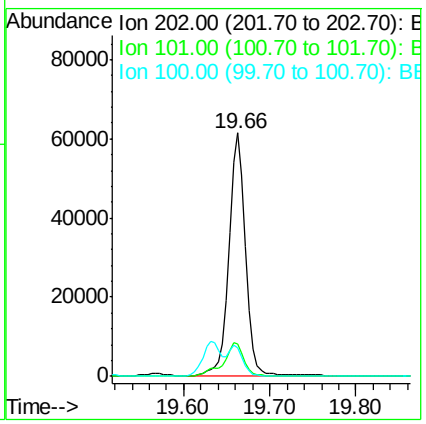
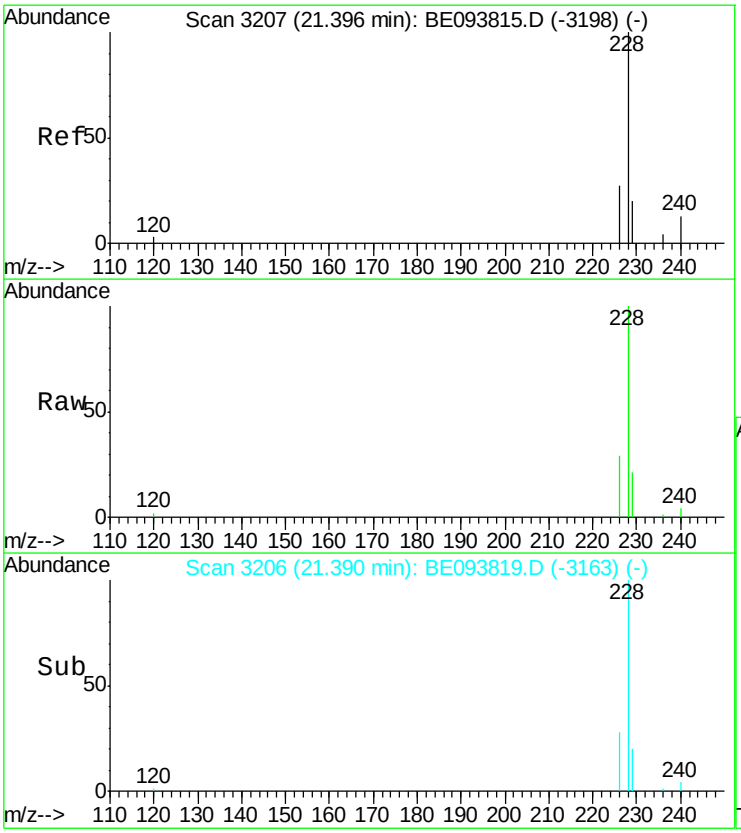
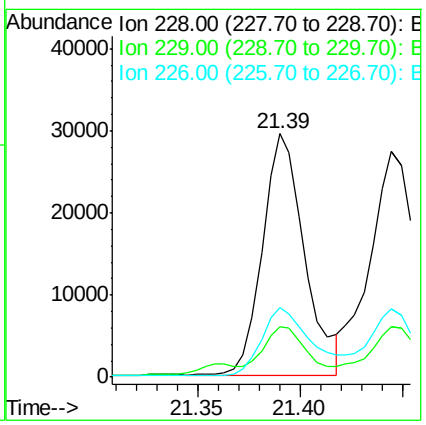


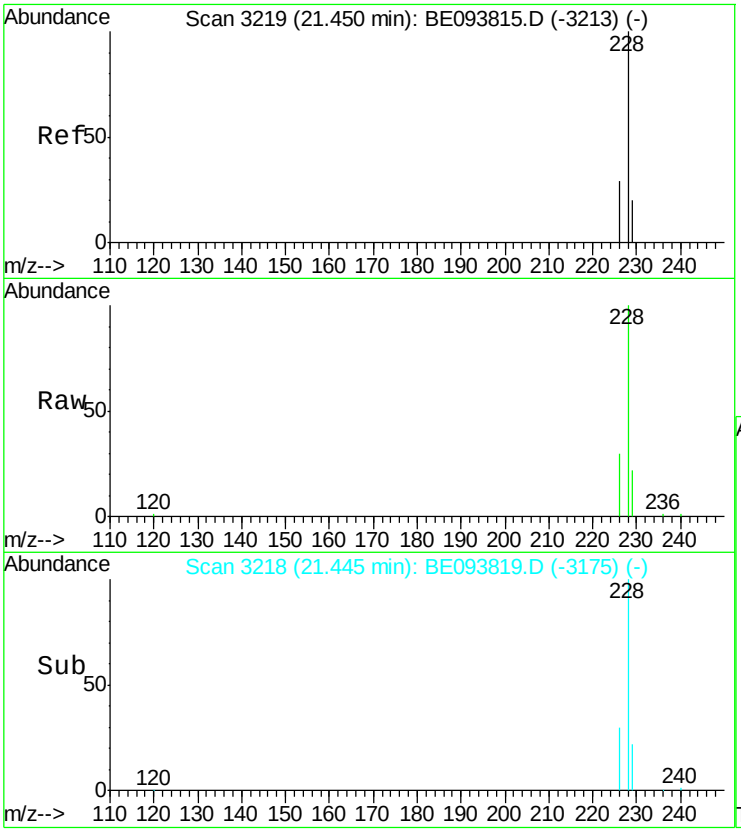


#18
Benzo(a)anthracene
Concen: 0.875 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:228 Resp: 41862

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	28.5	17.0	25.6#

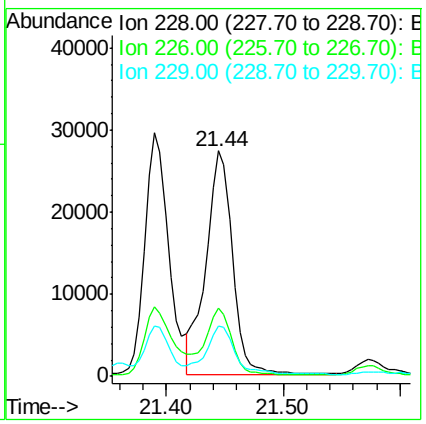




#19
Chrysene
Concen: 0.930 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:228 Resp: 42692

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	22.3	17.7	26.5



Instrument :
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ClientSampleId :
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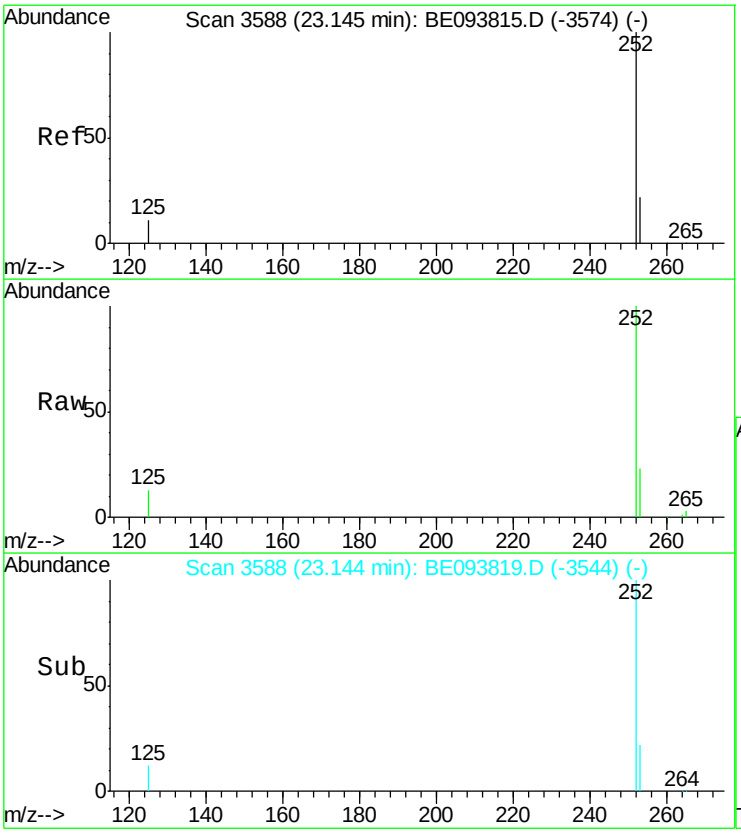
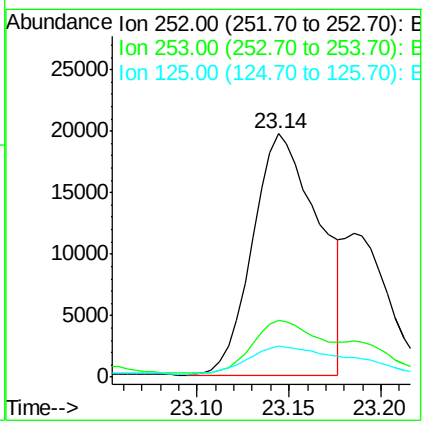
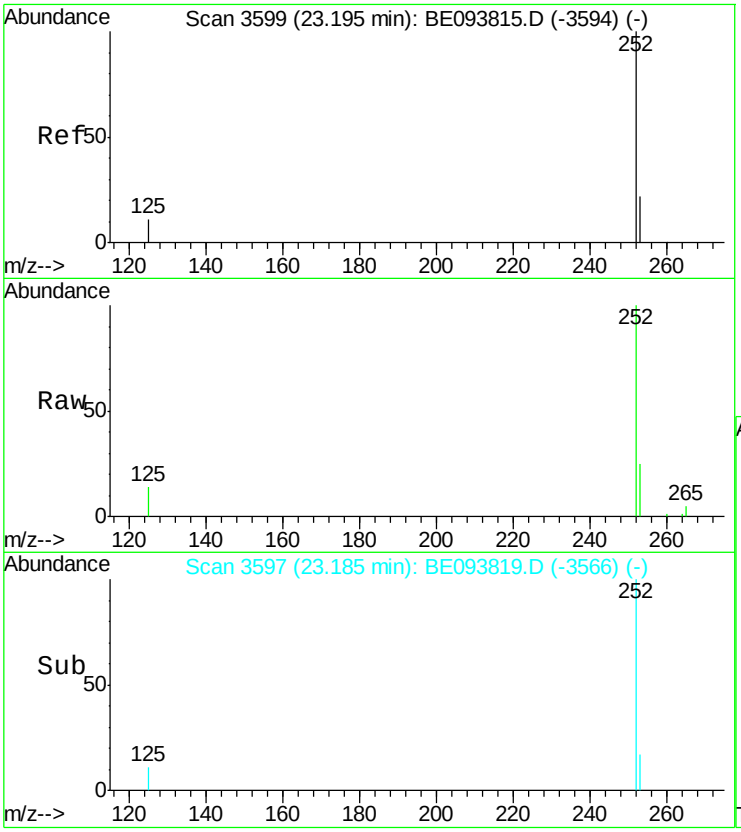


#21
Benzo(b)fluoranthene
Concen: 0.751 ng/ul m
RT: 23.14 min Scan# 3588
Delta R.T. -0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:252 Resp: 49235

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	12.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.315 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:252 Resp: 20361

Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	13.6	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations APPROVED
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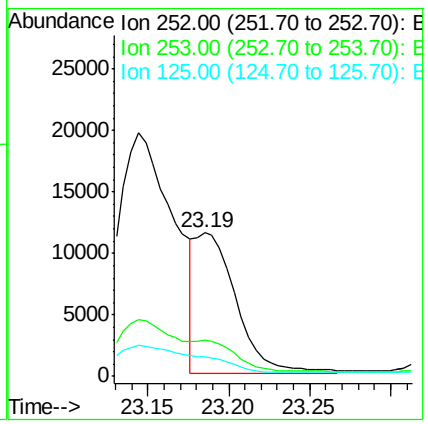
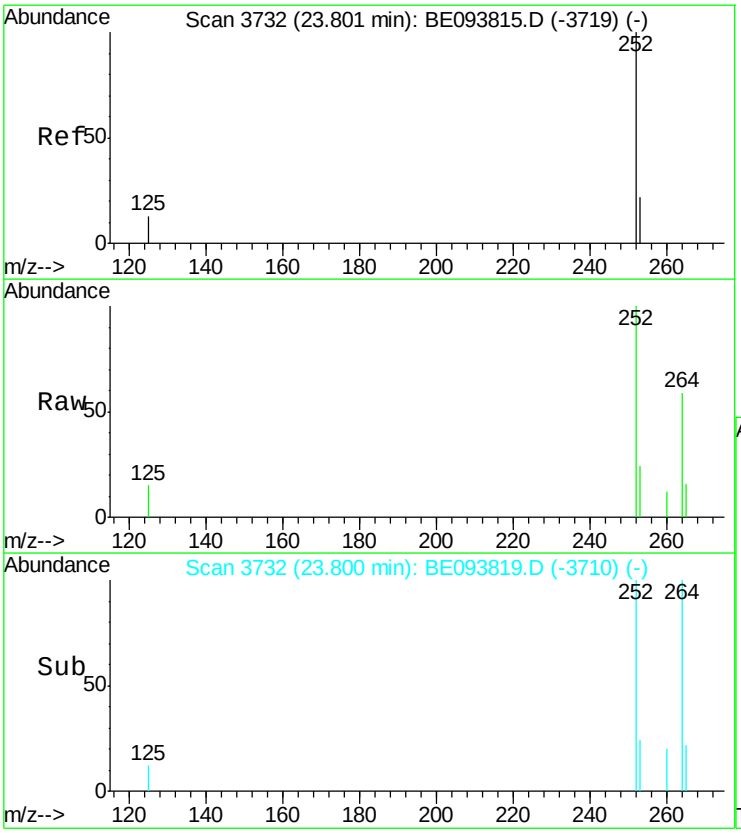
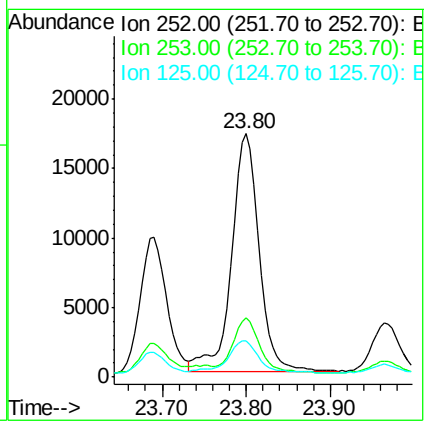


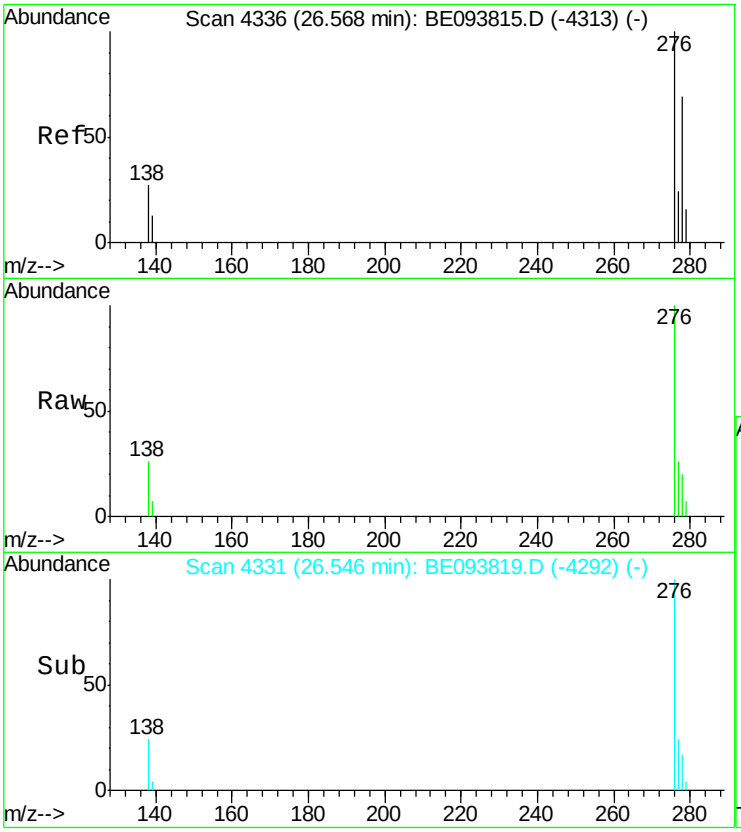


#23
Benzo(a)pyrene
Concen: 0.618 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:252 Resp: 38533

Ion	Ratio	Lower	Upper
252	100		
253	24.3	28.5	42.7#
125	14.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul
RT: 26.55 min Scan# 4331
Delta R.T. -0.02 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:276 Resp: 19549

Ion	Ratio	Lower	Upper
276	100		
138	23.8	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations APPROVED
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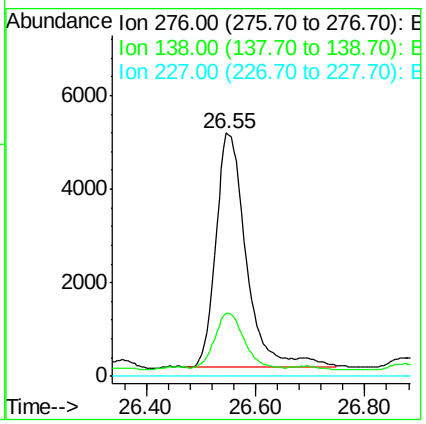
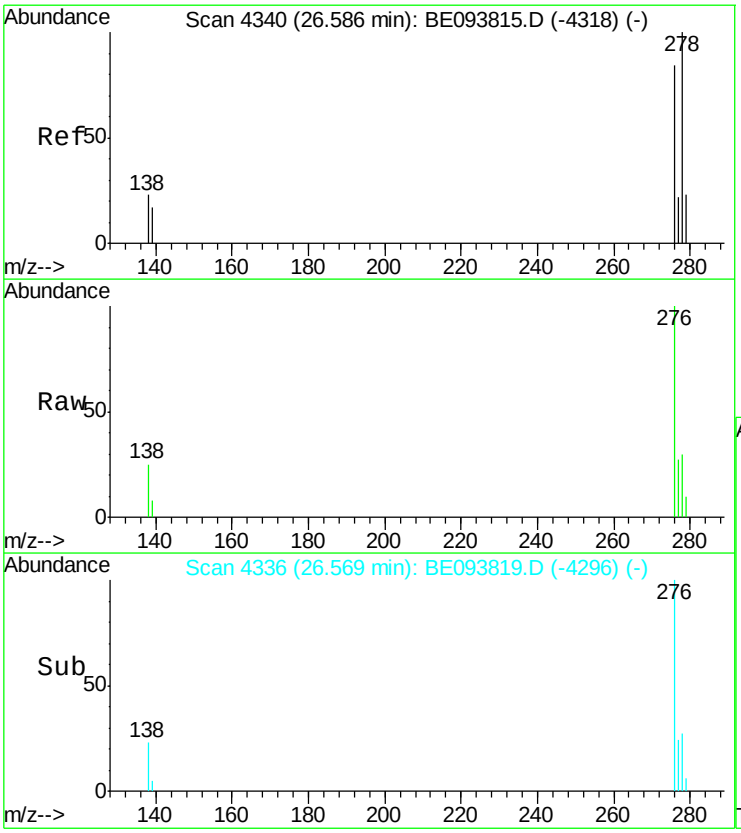
8/16/2017 6:42:43 PM

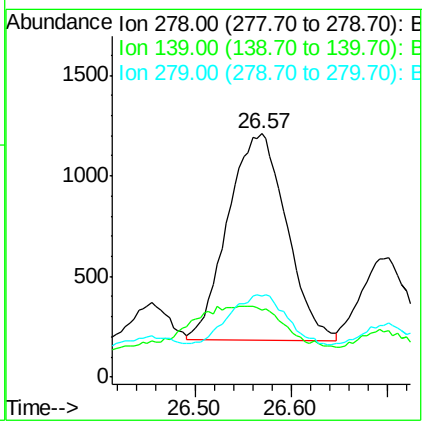


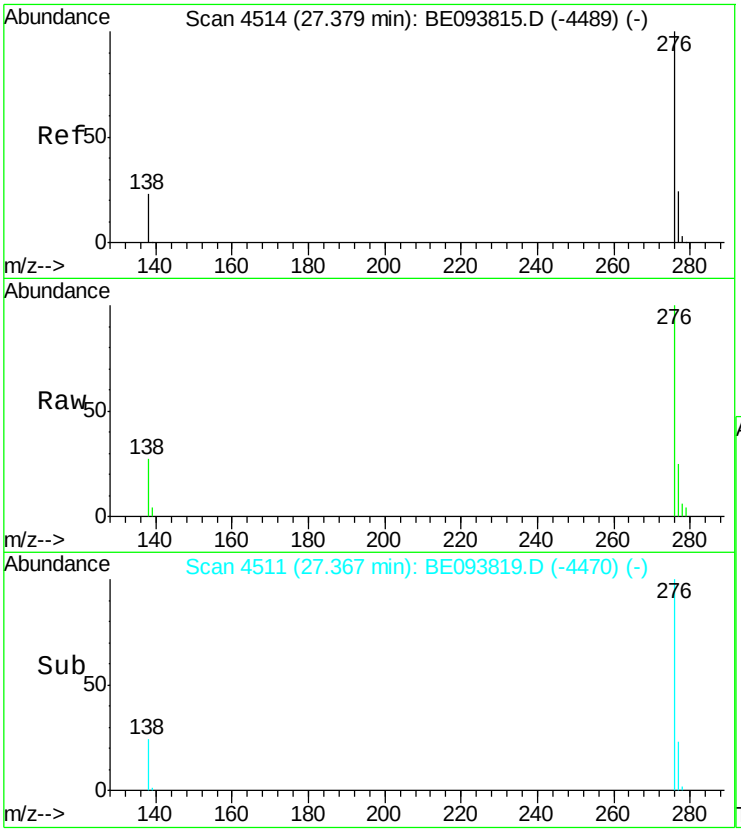


#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.02 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:278 Resp: 4326

Ion	Ratio	Lower	Upper
278	100		
139	27.3	17.4	26.0#
279	33.6	25.9	38.9

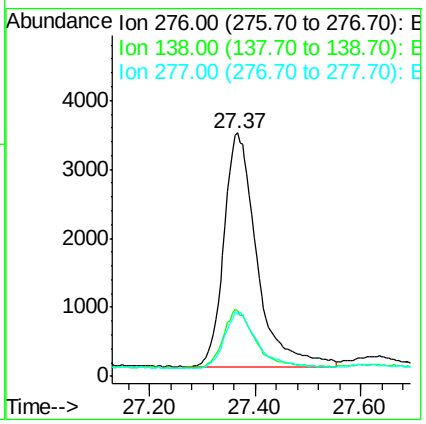




#26
Benzo(g,h,i)perylene
Concen: 0.254 ng/ul
RT: 27.37 min Scan# 4511
Delta R.T. -0.01 min
Lab File: BE093819.D
Acq: 15 Aug 2017 22:16

Tgt Ion:276 Resp: 14722

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.8
277	25.2	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations APPROVED
Sohil
8/16/2017 6:42:43 PM