Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090203.D
Acq On : 21 Jul 2015 17:16
Operator : TP/IZ
Sample : SSTD0.118
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD0.118

Manual Integrations APPROVED
apatel
7/22/2015 3:02:18 PM

Quant Time: Jul 22 03:09:22 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 03:03:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	704	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	3306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	1842	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5103	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	2948	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2076	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	511	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	1350	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	929	0.11	ng/ul#	85
5) 2-Methylnaphthalene	12.03	142	608	0.10	ng/ul	95
7) Acenaphthylene	13.93	152	3975	0.10	ng/ul#	90
8) Acenaphthene	14.27	153	2975	0.11	ng/ul	98
9) Fluorene	15.26	166	951	0.12	ng/ul#	97
12) Phenanthrene	16.99	178	6203	0.11	ng/ul#	93
13) Anthracene	17.07	178	5555	0.10	ng/ul#	91
15) Fluoranthene	19.00	202	6286	0.09	ng/ul	92
17) Pyrene	19.36	202	6408	0.16	ng/ul#	93
18) Benzo(a)anthracene	21.10	228	410	0.06	ng/ul#	81
19) Chrysene	21.15	228	1417m	0.15	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	274	0.05	ng/ul#	52
22) Benzo(k)fluoranthene	22.77	252	466m	0.06	ng/ul	
23) Benzo(a)pyrene	23.32	252	329	0.06	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.81	276	928	0.04	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.83	278	162	0.03	ng/ul#	50
26) Benzo(g,h,i)perylene	26.54	276	1341	0.06	ng/ul#	51

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090203.D
Acq On : 21 Jul 2015 17:16
Operator : TP/IZ
Sample : SSTD0.118
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 03:09:22 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 03:03:48 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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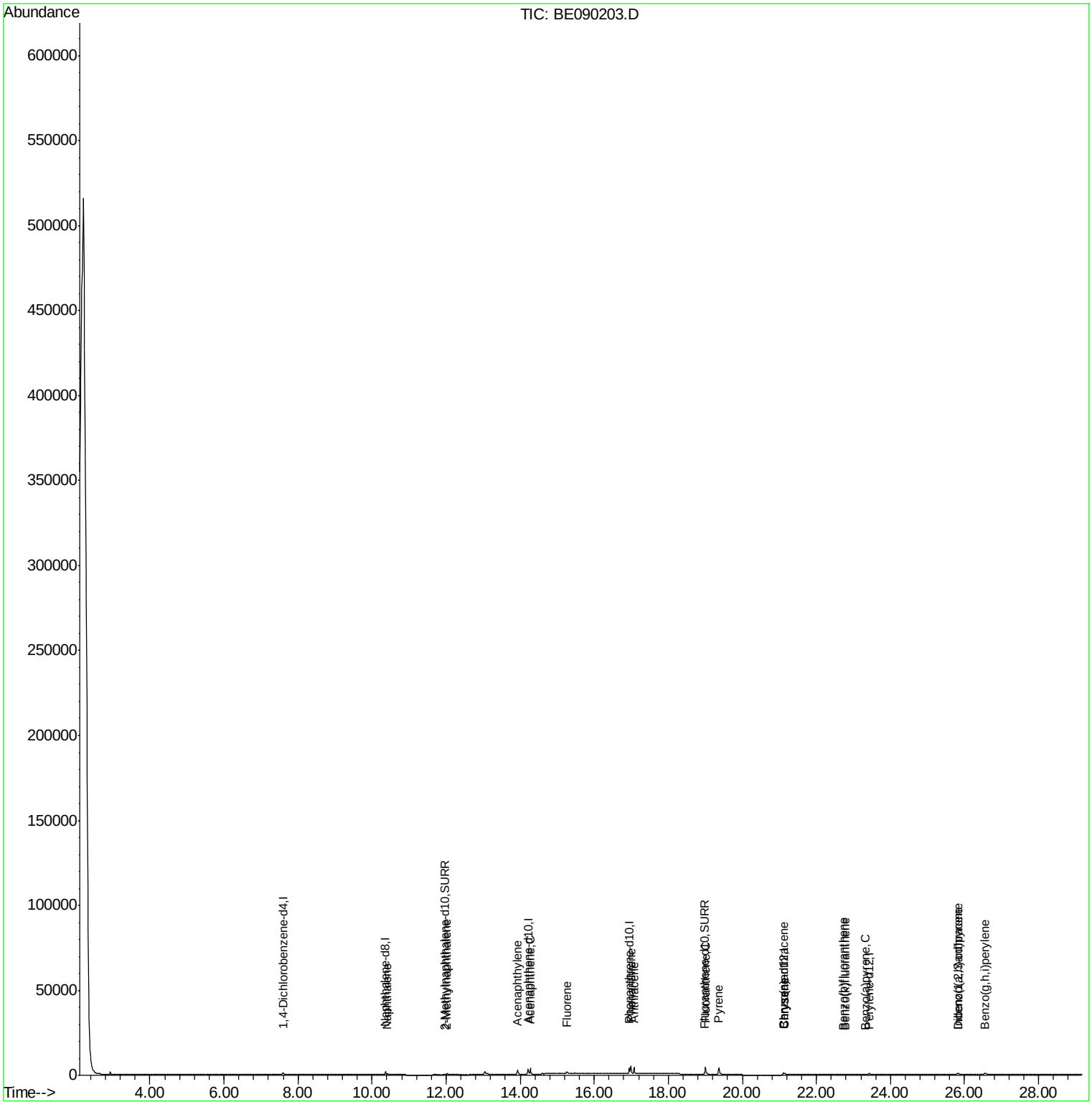

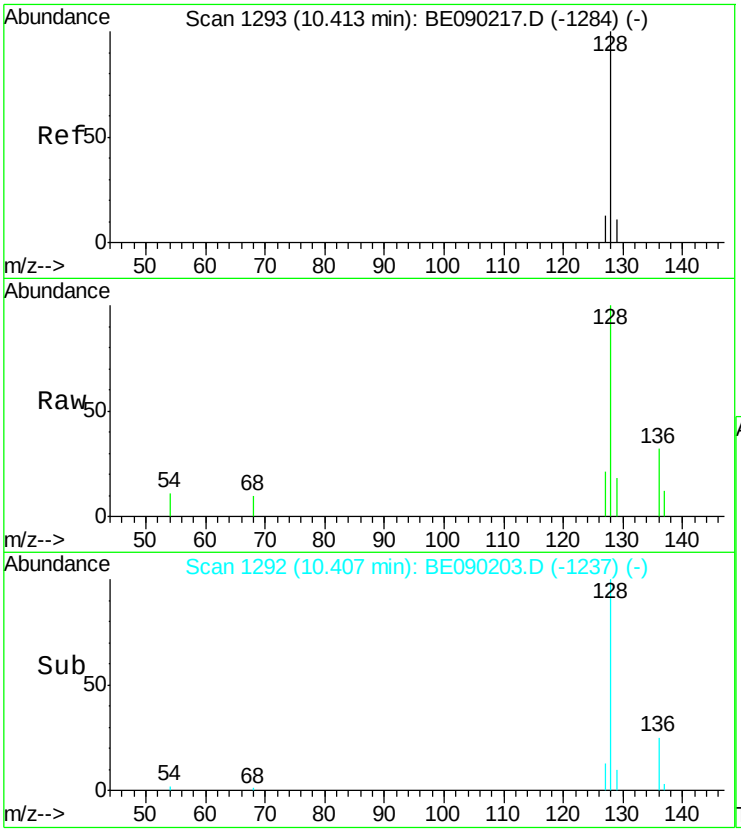

#3
Naphthalene
Concen: 0.11 ng/ul
RT: 10.41 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:128 Resp: 929

Ion	Ratio	Lower	Upper
128	100		
129	18.2	10.2	15.2#
127	21.3	11.8	17.6#

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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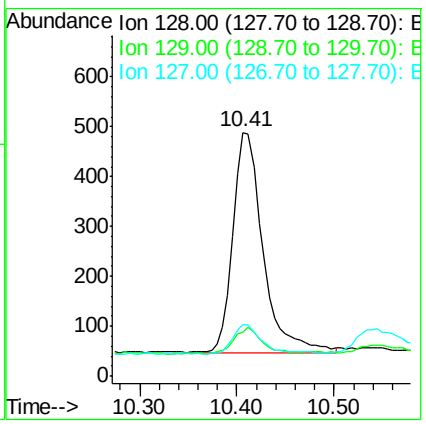
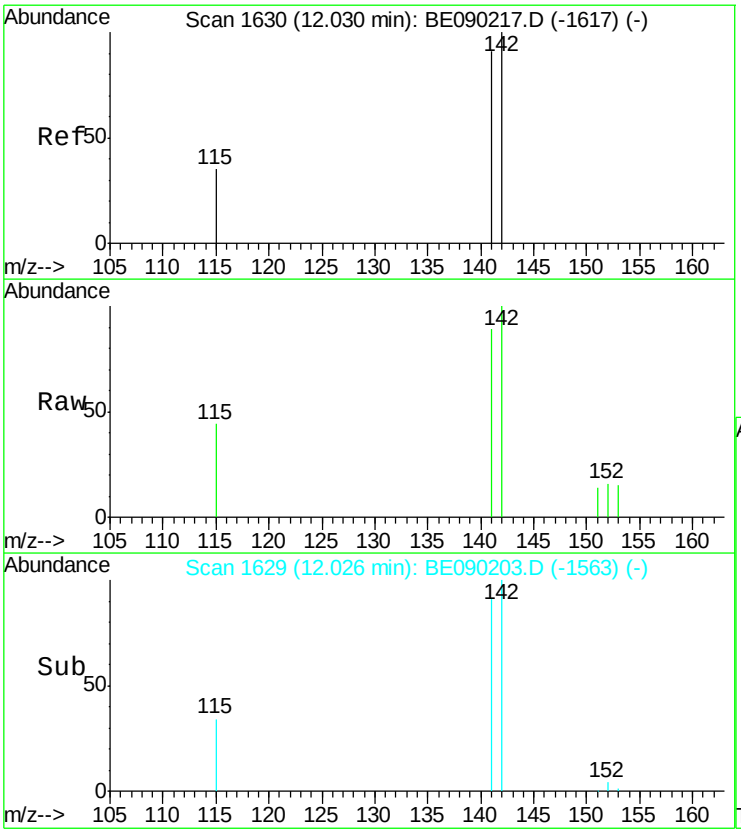
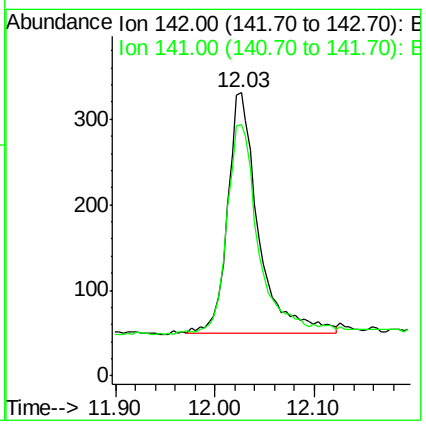


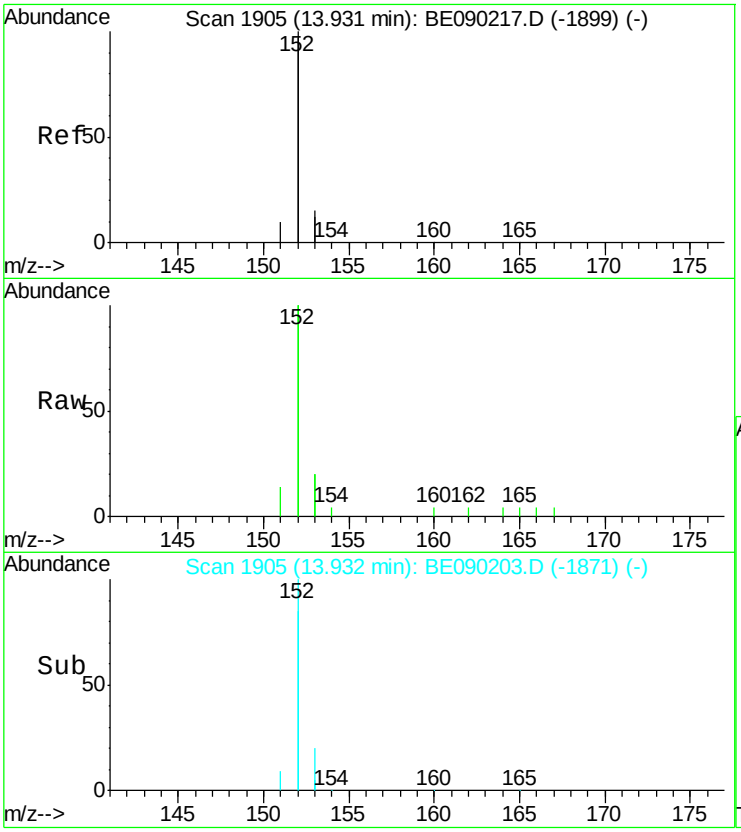


#5
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.03 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:142 Resp: 608

Ion	Ratio	Lower	Upper
142	100		
141	86.2	73.0	109.6





#7
Acenaphthylene
Concen: 0.10 ng/ul
RT: 13.93 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:152 Resp: 3975

Ion	Ratio	Lower	Upper
152	100		
151	6.8	4.2	6.4#
153	19.5	11.5	17.3#

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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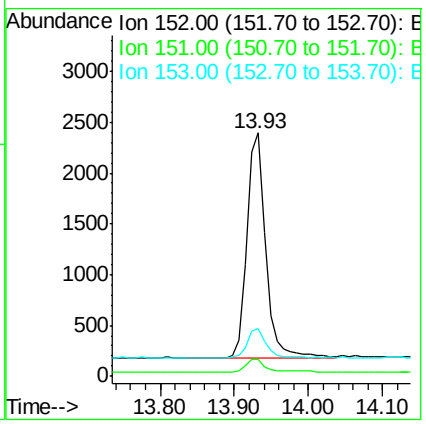
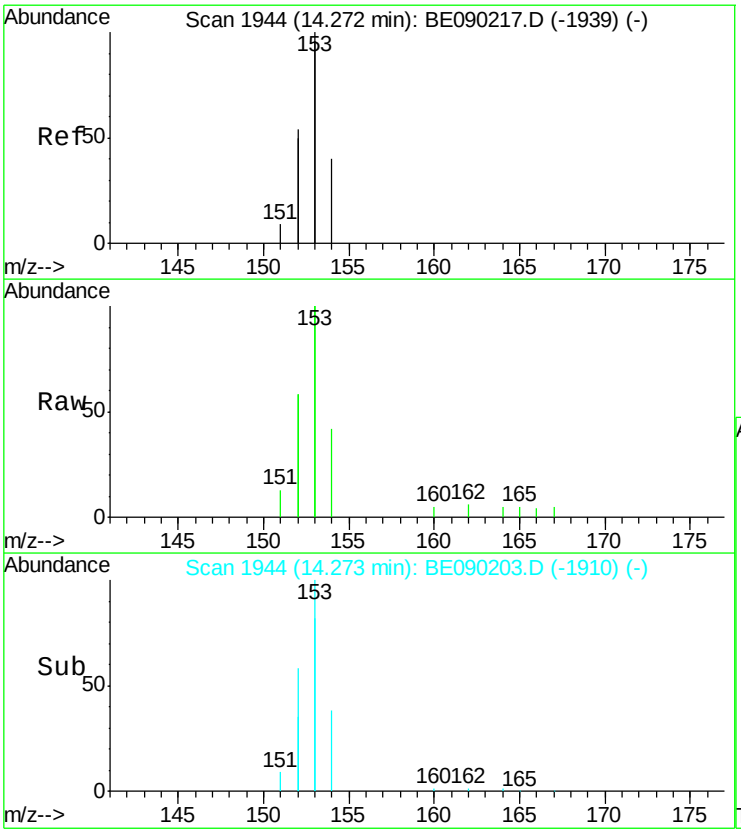
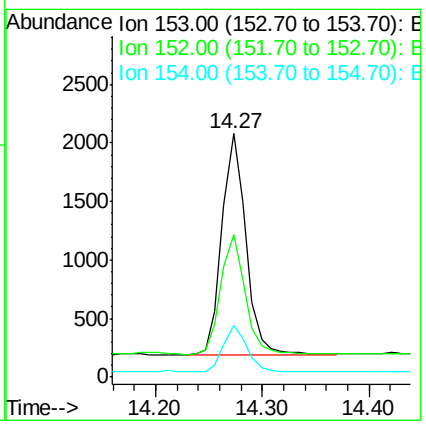


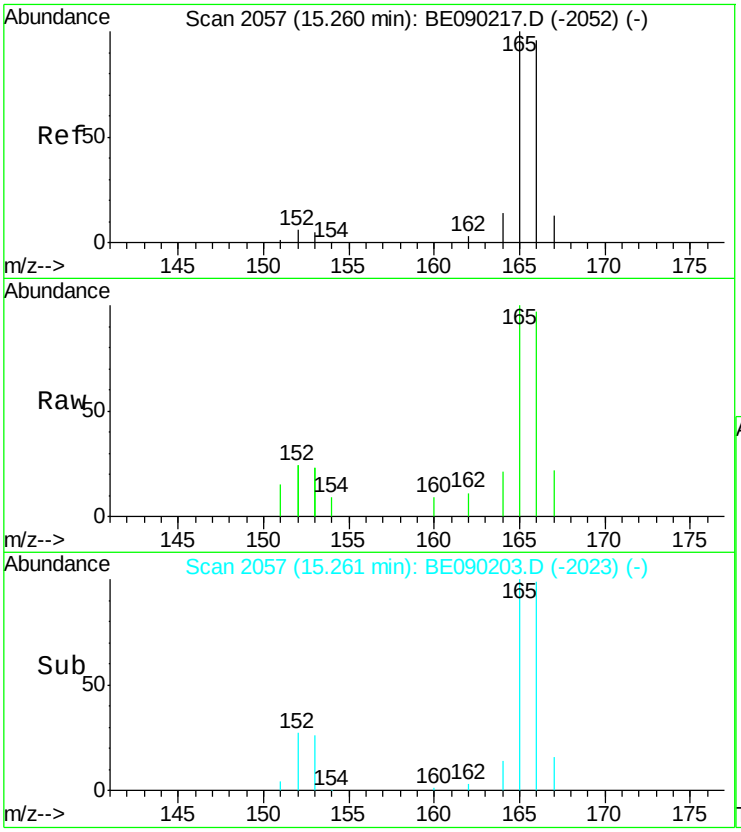


#8
Acenaphthene
Concen: 0.11 ng/ul
RT: 14.27 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:153 Resp: 2975

Ion	Ratio	Lower	Upper
153	100		
152	58.5	45.0	67.4
154	21.2	16.8	25.2





#9
Fluorene
Concen: 0.12 ng/ul
RT: 15.26 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:166 Resp: 951

Ion	Ratio	Lower	Upper
166	100		
165	103.6	81.9	122.9
167	22.8	12.2	18.2#

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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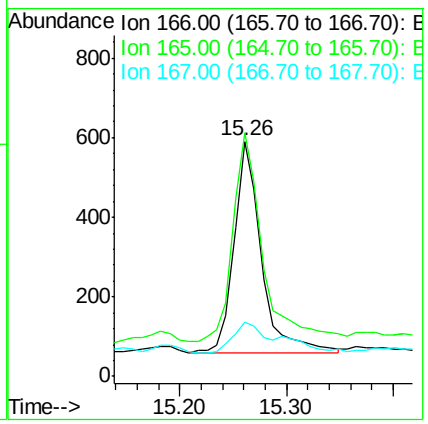
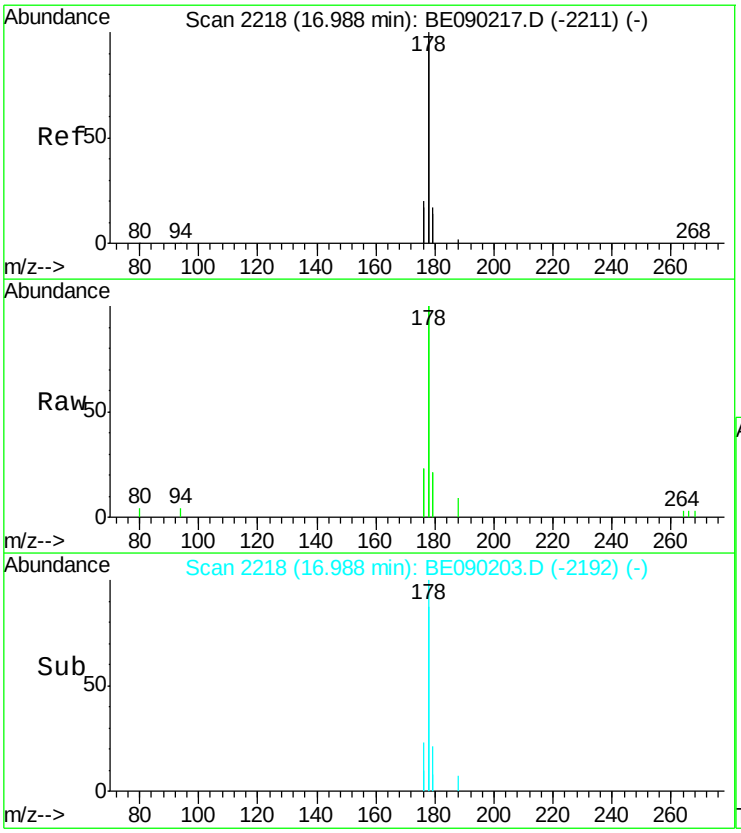
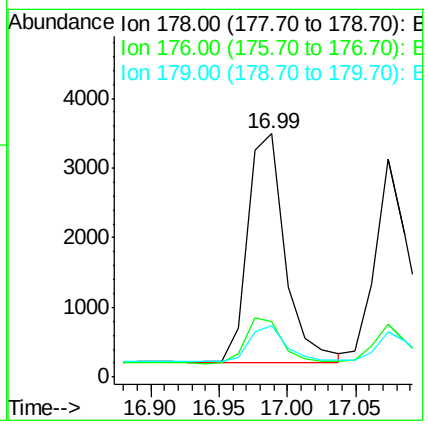


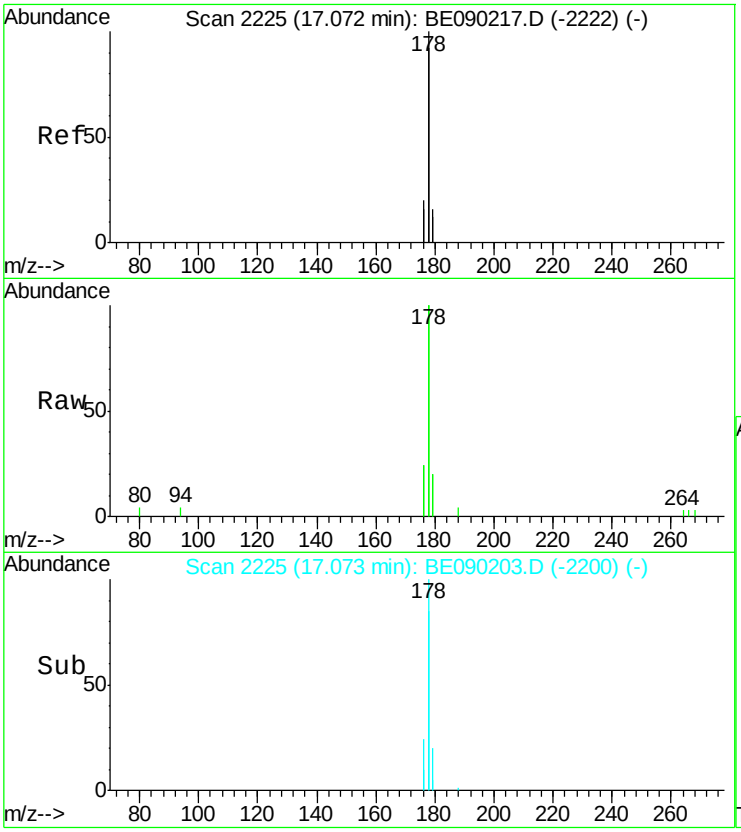


#12
Phenanthrene
Concen: 0.11 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:178 Resp: 6203

Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.6	26.4
179	21.4	12.2	18.4#





#13
Anthracene
Concen: 0.10 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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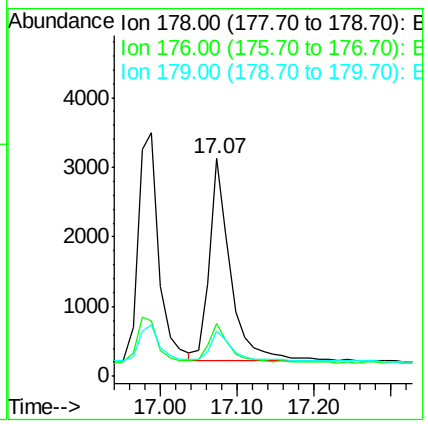
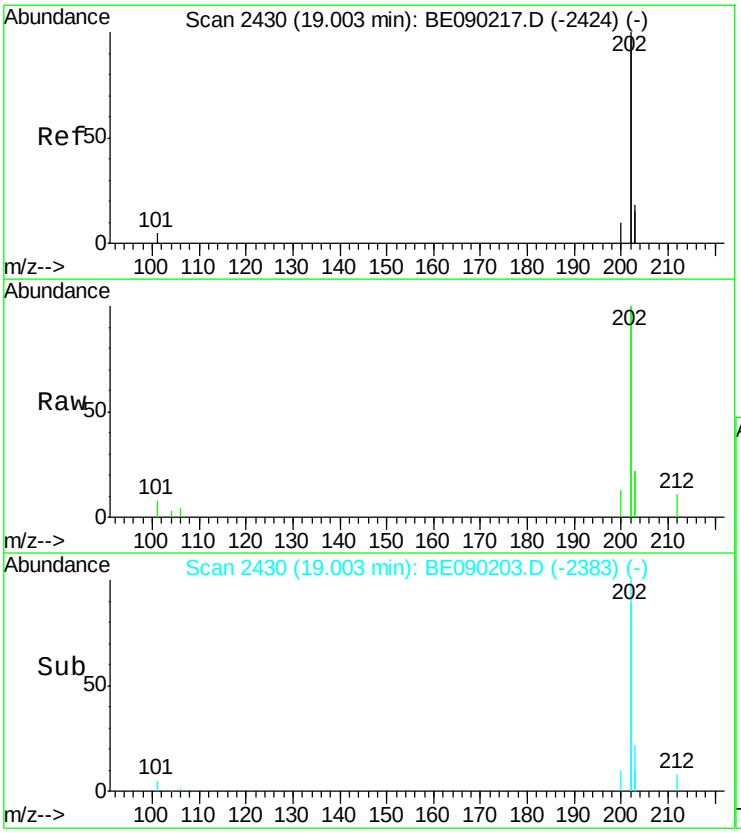
Tgt Ion:178 Resp: 5555

Ion	Ratio	Lower	Upper
178	100		
176	24.3	15.9	23.9#
179	20.5	13.3	19.9#

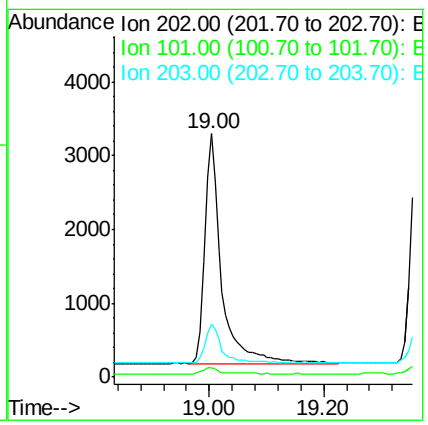


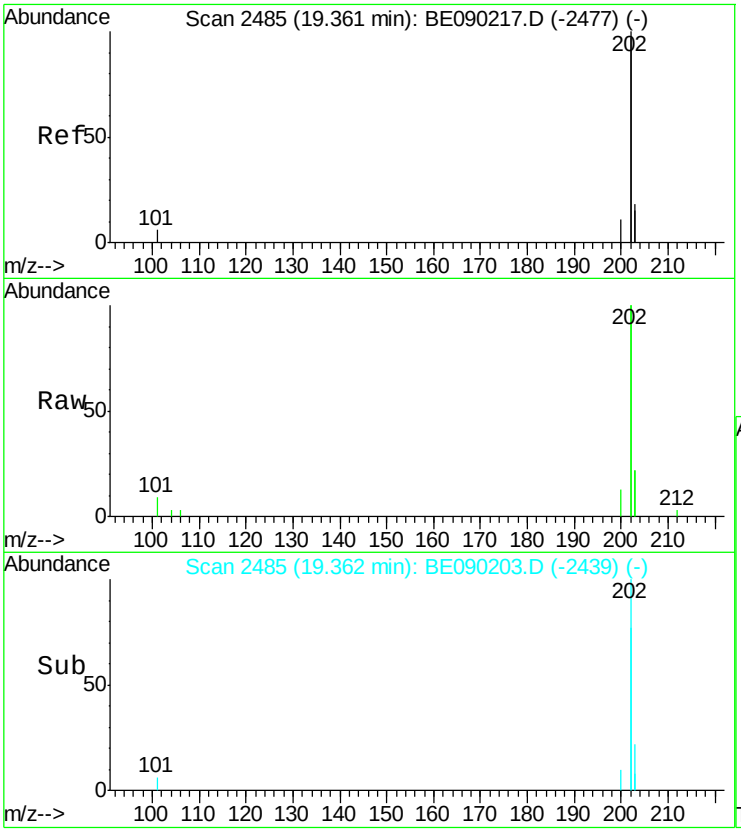


#15
Fluoranthene
Concen: 0.09 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:202 Resp: 6286

Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	23.0
203	21.7	0.0	37.8





#17
Pyrene
Concen: 0.16 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:202 Resp: 6408

Ion	Ratio	Lower	Upper
202	100		
200	6.4	4.4	6.6
203	22.1	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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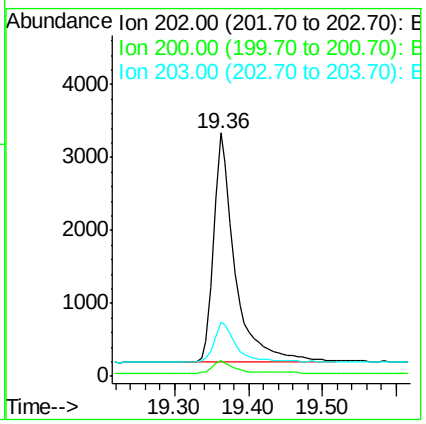
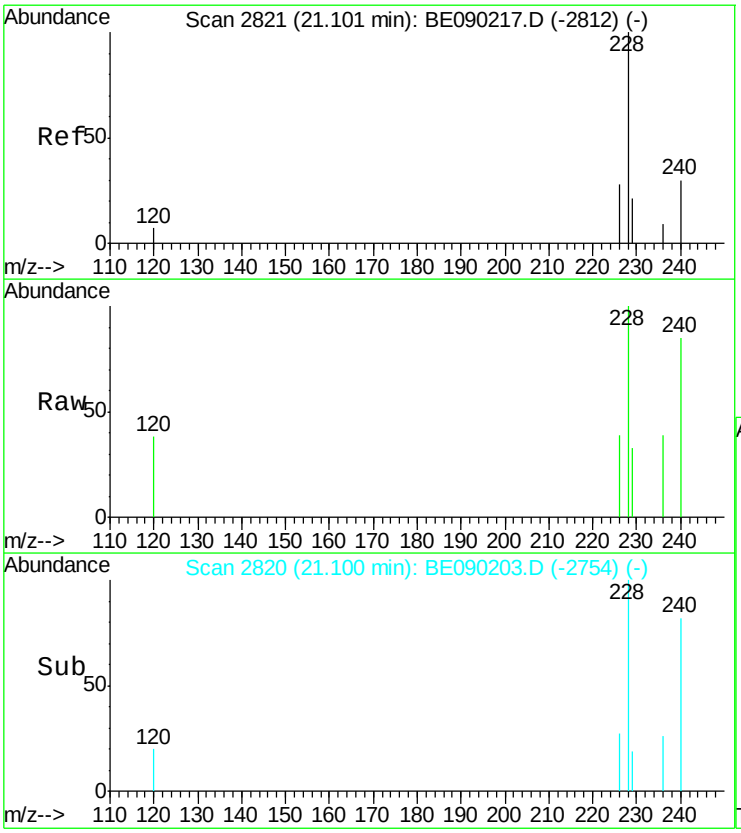
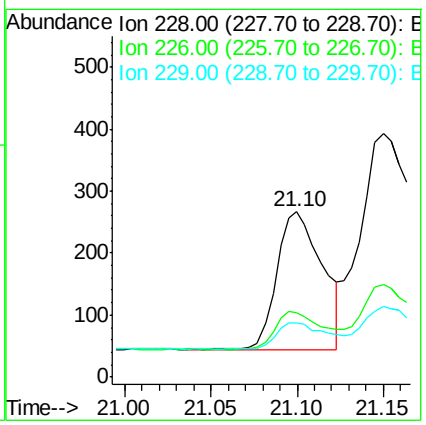


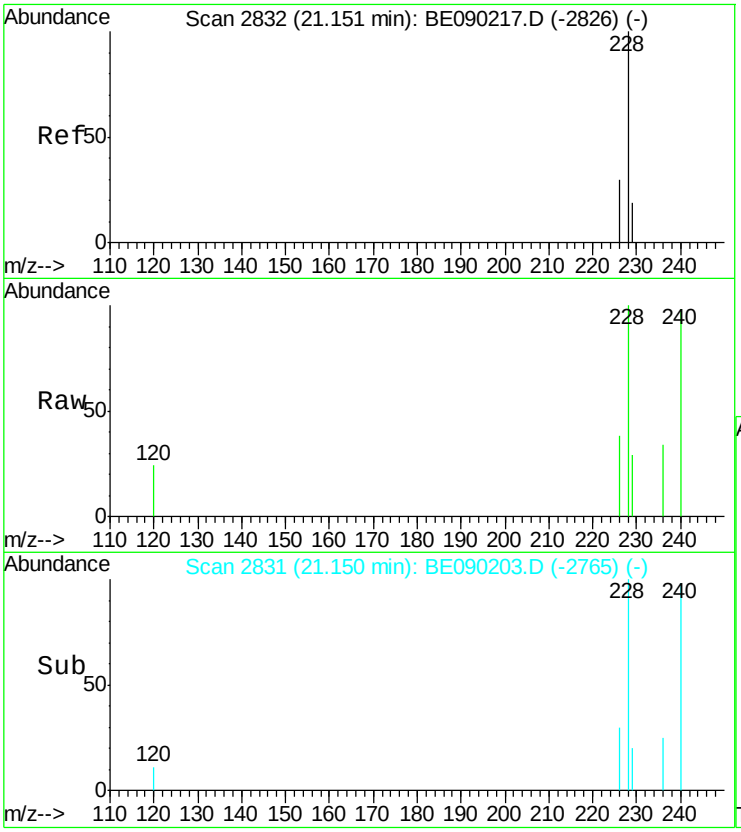


#18
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:228 Resp: 410

Ion	Ratio	Lower	Upper
228	100		
226	39.1	24.1	36.1#
229	32.7	17.9	26.9#





#19
Chrysene
Concen: 0.15 ng/ul m
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:228 Resp: 1417

Ion	Ratio	Lower	Upper
228	100		
226	38.2	24.6	36.8#
229	29.3	17.4	26.2#

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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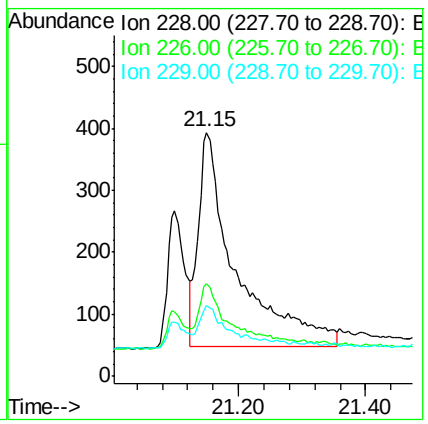
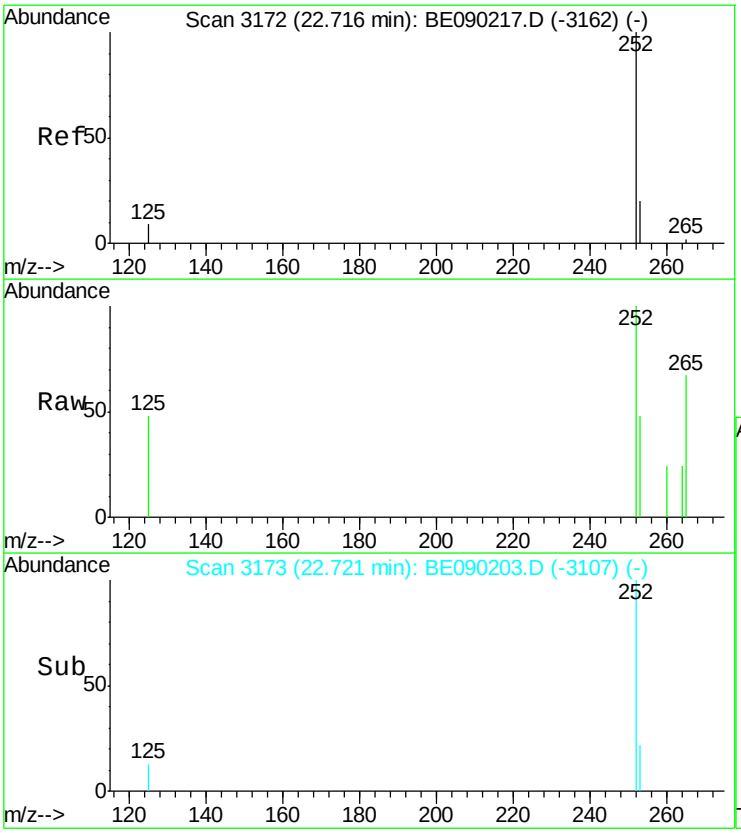
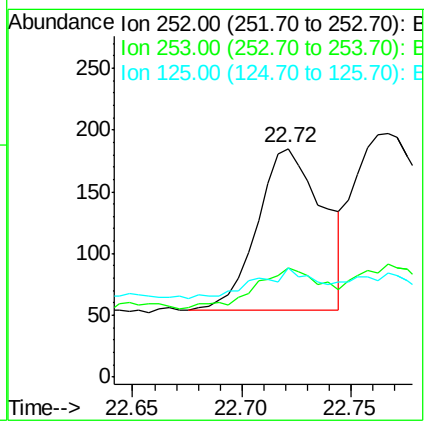


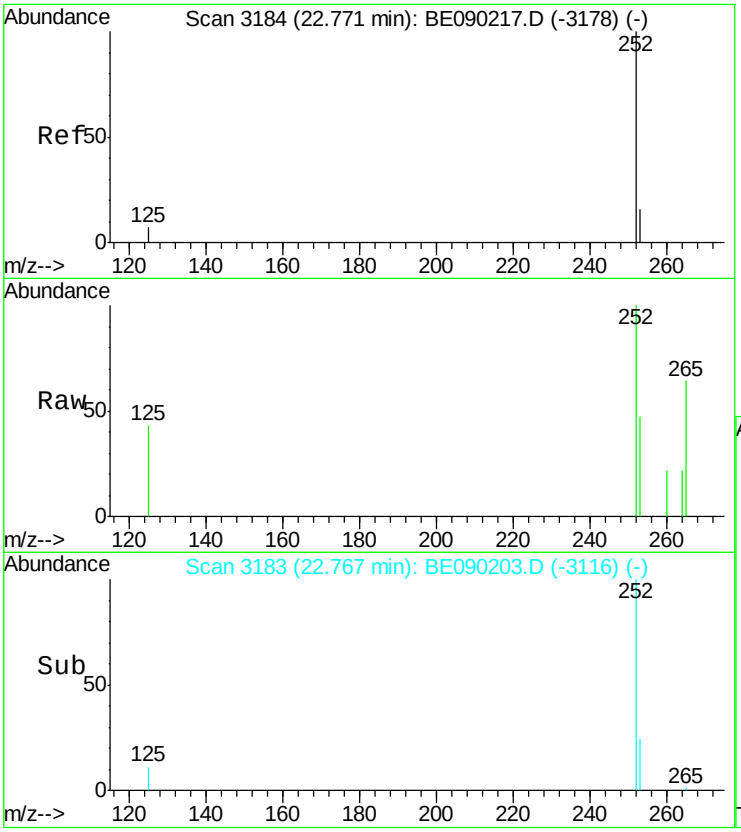


#21
Benzo(b)fluoranthene
Concen: 0.05 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:252 Resp: 274

Ion	Ratio	Lower	Upper
252	100		
253	47.6	0.0	56.8
125	47.6	0.0	37.0#





#22
Benzo(k)fluoranthene
Concen: 0.06 ng/ul m
RT: 22.77 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:252 Resp: 466

Ion	Ratio	Lower	Upper
252	100		
253	46.7	19.5	29.3#
125	42.6	11.9	17.9#

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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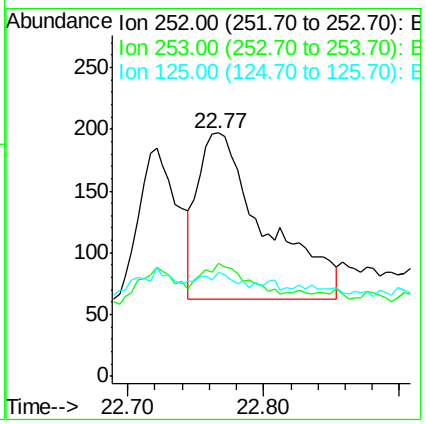
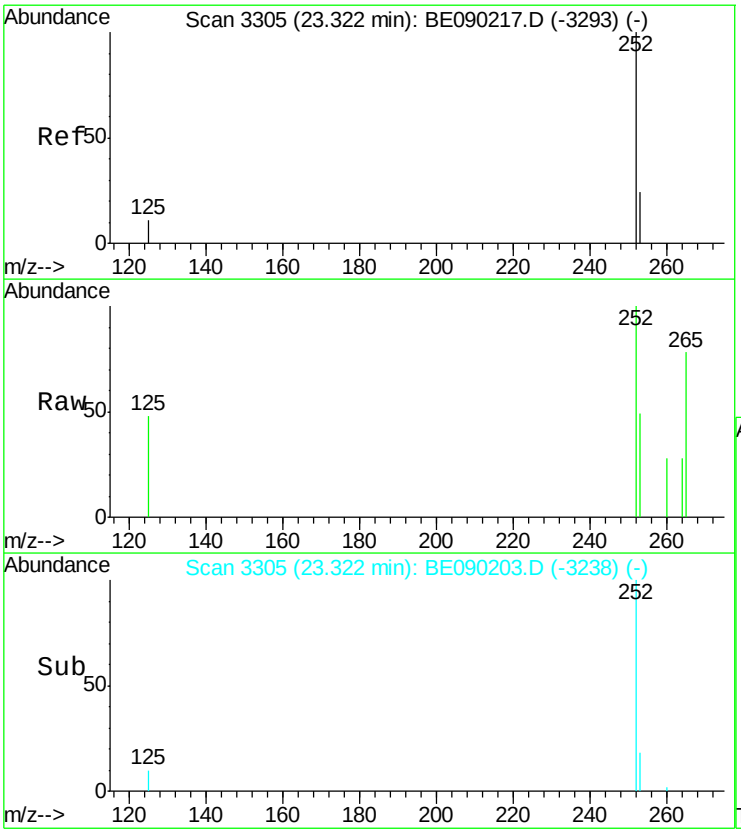
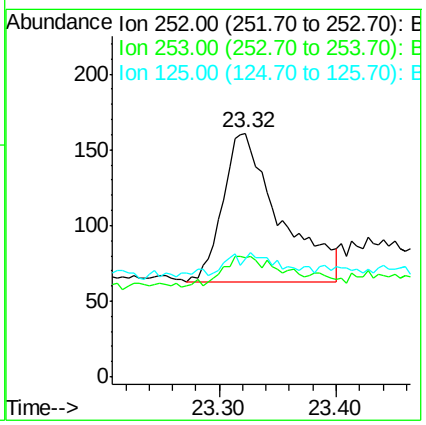


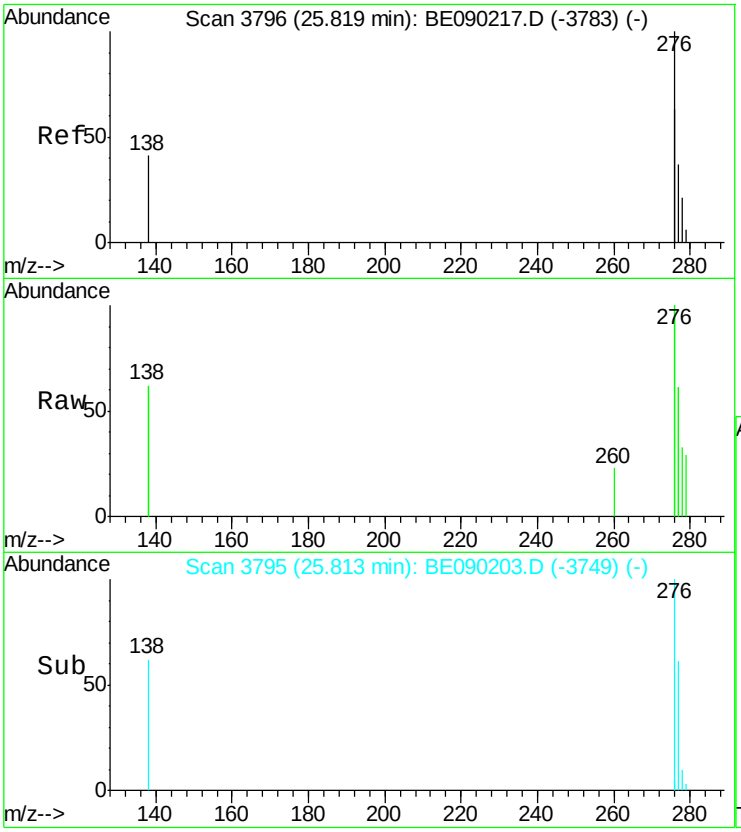


#23
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.32 min Scan# 3305
Delta R.T. 0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:252 Resp: 329

Ion	Ratio	Lower	Upper
252	100		
253	49.1	23.7	35.5#
125	48.4	15.4	23.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.81 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:276 Resp: 928

Ion	Ratio	Lower	Upper
276	100		
138	25.4	16.9	25.3#
277	26.2	17.0	25.4#

Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
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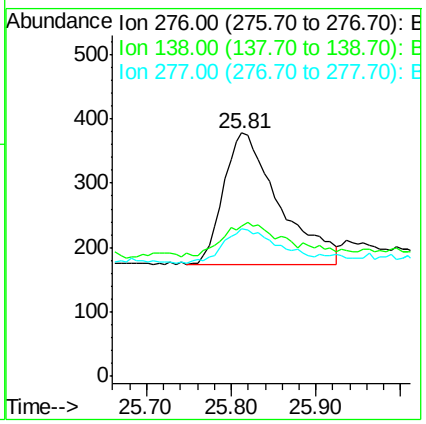
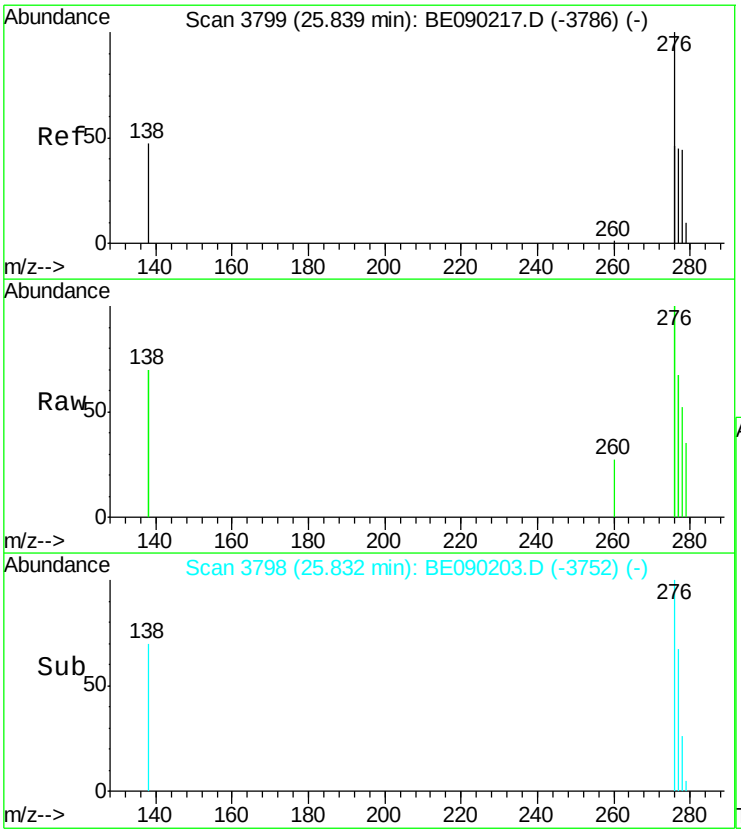
7/22/2015 3:02:18 PM

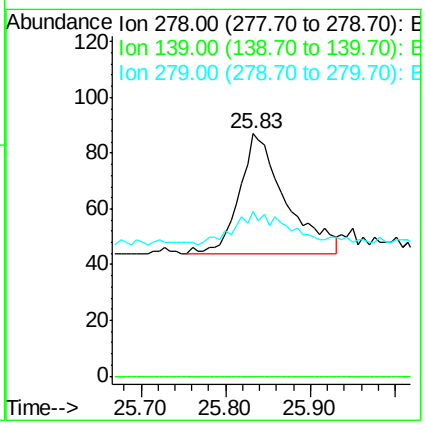


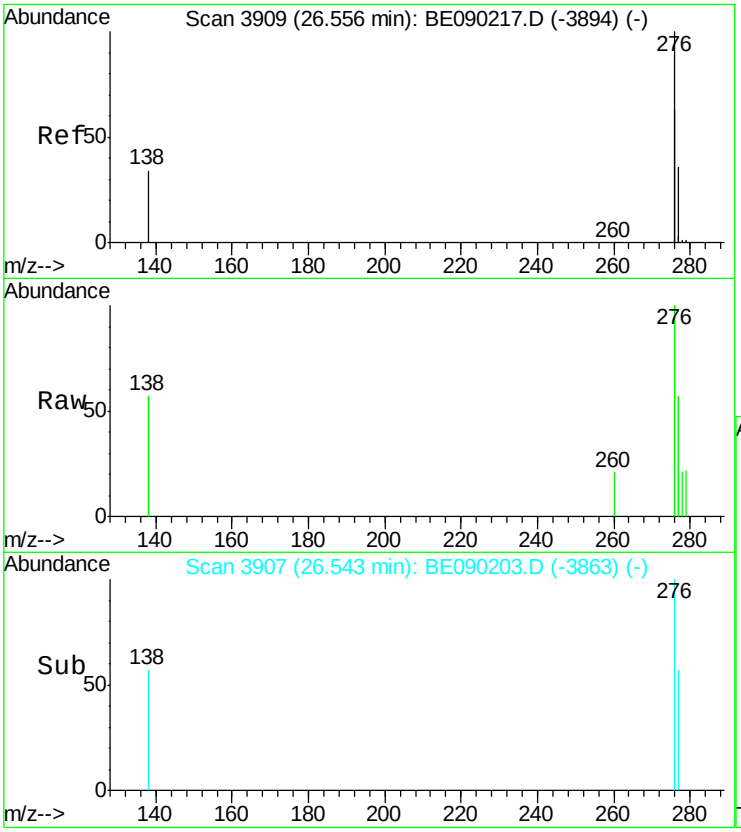


#25
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.83 min Scan# 3798
Delta R.T. -0.00 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:278 Resp: 162

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	67.8	30.1	45.1#

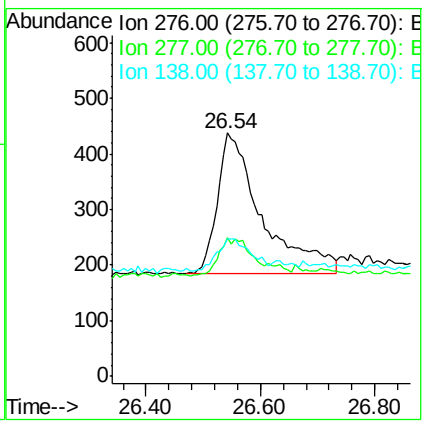




#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.54 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BE090203.D
Acq: 21 Jul 2015 17:16

Tgt Ion:276 Resp: 1341

Ion	Ratio	Lower	Upper
276	100		
277	57.1	24.6	36.8#
138	56.6	23.5	35.3#



Instrument :
BNA_E
ClientSampleId :
SSTD0.118

Manual Integrations APPROVED
apatel
7/22/2015 3:02:18 PM