Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090222.D
Acq On : 22 Jul 2015 6:18
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-05-S

Manual Integrations APPROVED
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Quant Time: Jul 22 09:08:46 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 05:40:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	574	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	2890	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	1694	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	4556	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2276	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	958	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1887	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4979	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	897	0.12	ng/ul#	81
5) 2-Methylnaphthalene	12.03	142	609	0.12	ng/ul	100
7) Acenaphthylene	13.93	152	4277	0.12	ng/ul#	89
8) Acenaphthene	14.27	153	3110	0.12	ng/ul	96
9) Fluorene	15.27	166	929	0.12	ng/ul#	96
12) Phenanthrene	16.99	178	6013	0.11	ng/ul#	94
13) Anthracene	17.07	178	6142	0.12	ng/ul#	90
15) Fluoranthene	19.00	202	7058	0.12	ng/ul	90
17) Pyrene	19.37	202	7089	0.19	ng/ul#	90
18) Benzo(a)anthracene	21.10	228	328	0.09	ng/ul#	75
19) Chrysene	21.15	228	1163m	0.13	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	190	0.15	ng/ul#	47
22) Benzo(k)fluoranthene	22.76	252	359m	0.10	ng/ul	
23) Benzo(a)pyrene	23.31	252	204	0.11	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	25.82	276	699	0.13	ng/ul	97
25) Dibenzo(a,h)anthracene	25.83	278	113	0.12	ng/ul#	45
26) Benzo(g,h,i)perylene	26.55	276	873	0.11	ng/ul#	44

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090222.D
Acq On : 22 Jul 2015 6:18
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 22 09:08:46 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 05:40:44 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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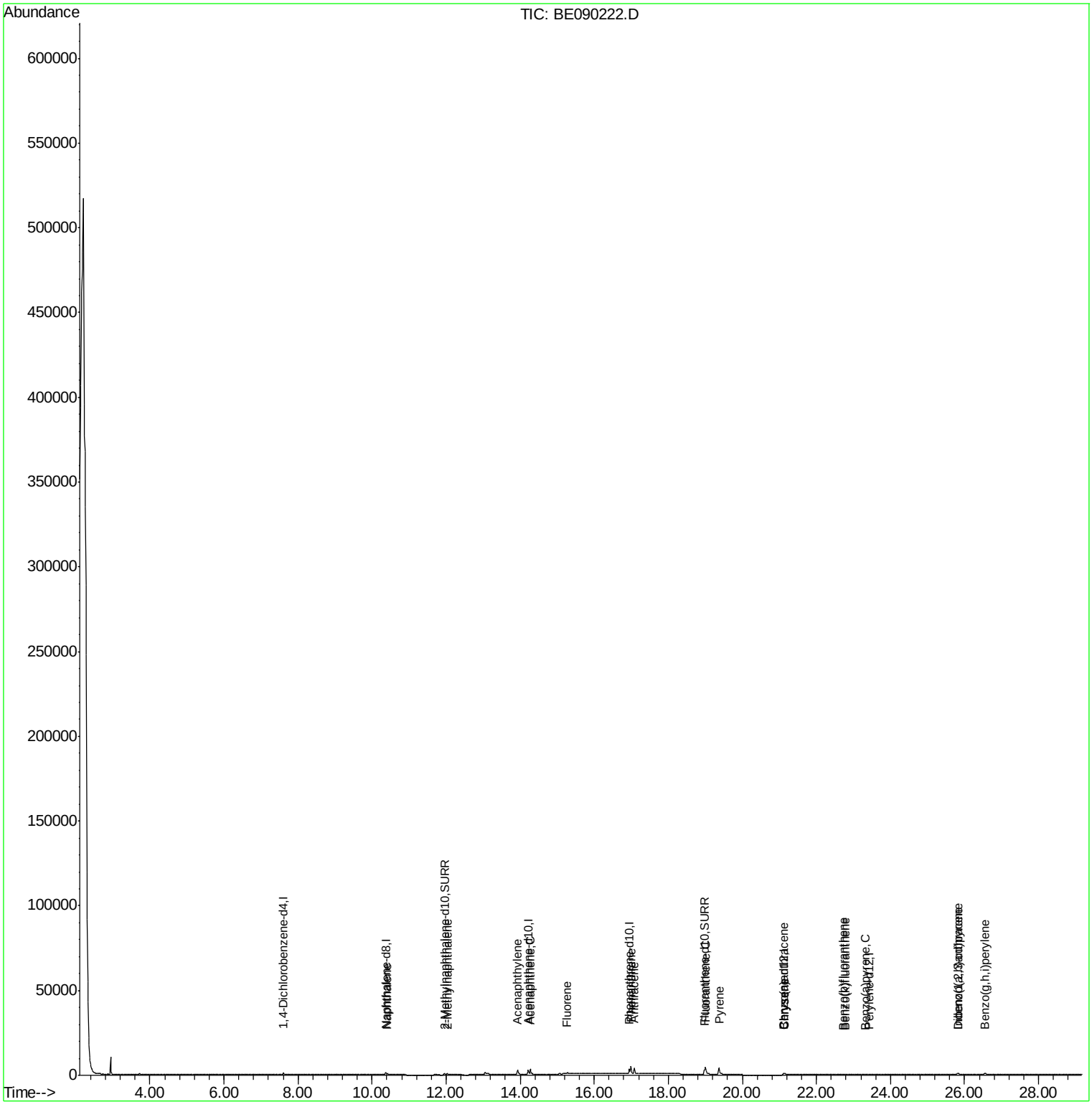

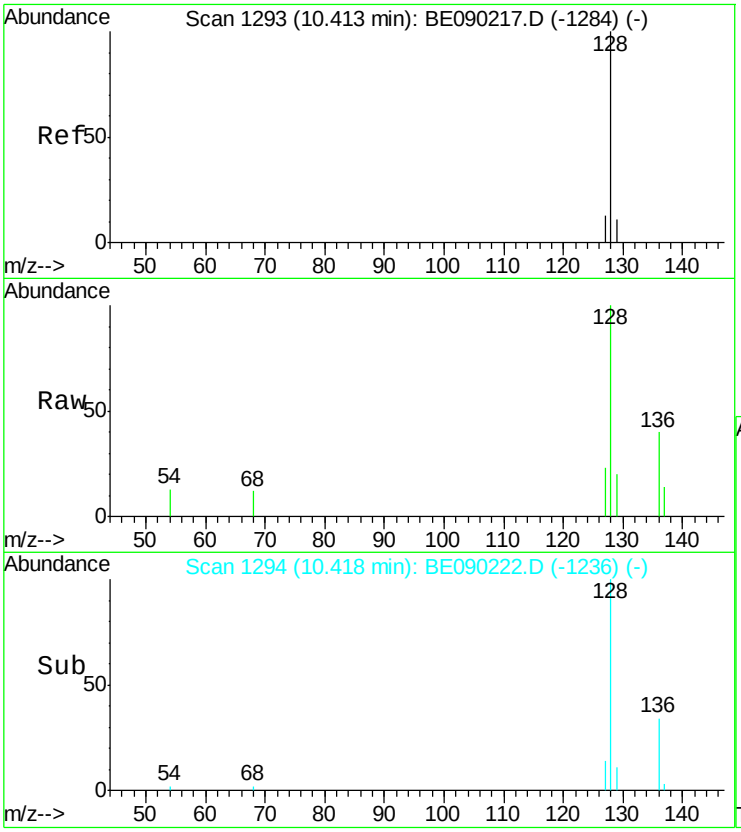

#3
Naphthalene
Concen: 0.12 ng/ul
RT: 10.42 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:128 Resp: 897

Ion	Ratio	Lower	Upper
128	100		
129	19.9	10.2	15.2#
127	23.0	11.8	17.6#

Instrument :
BNA_E
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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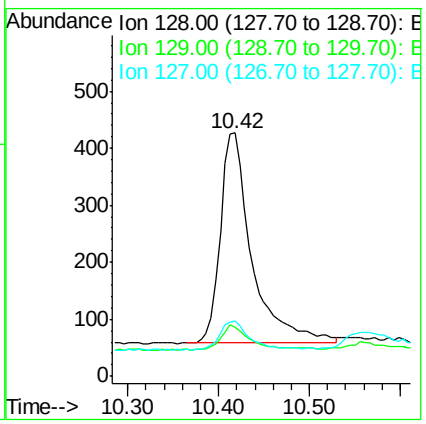
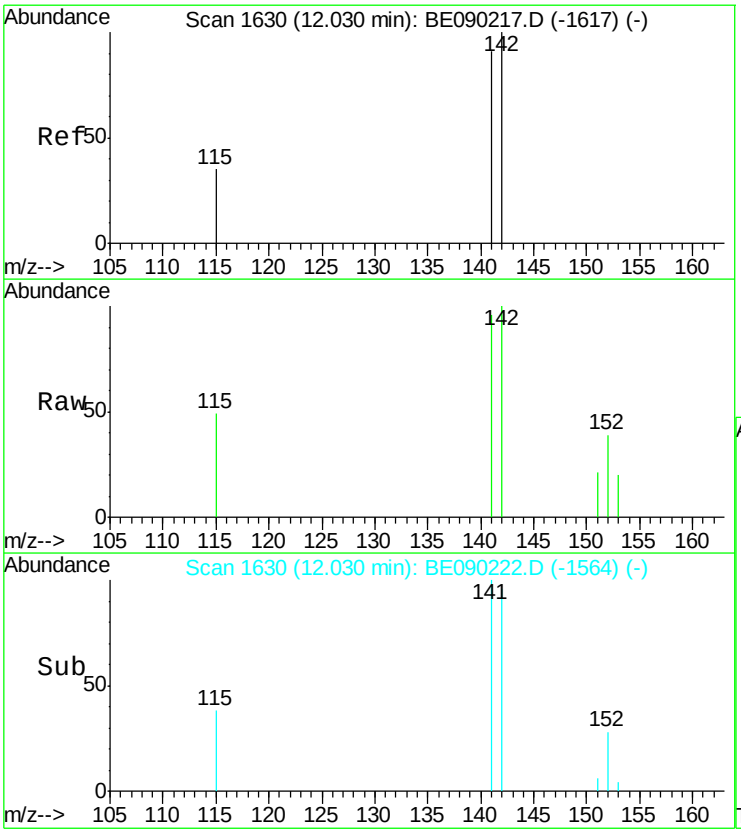
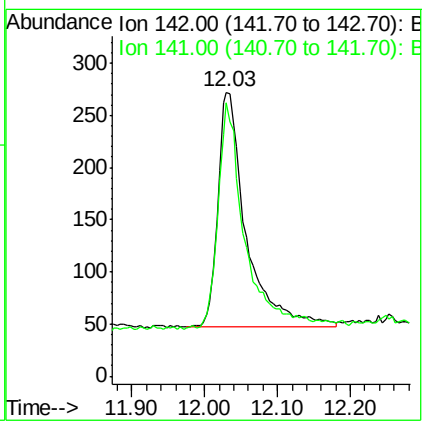


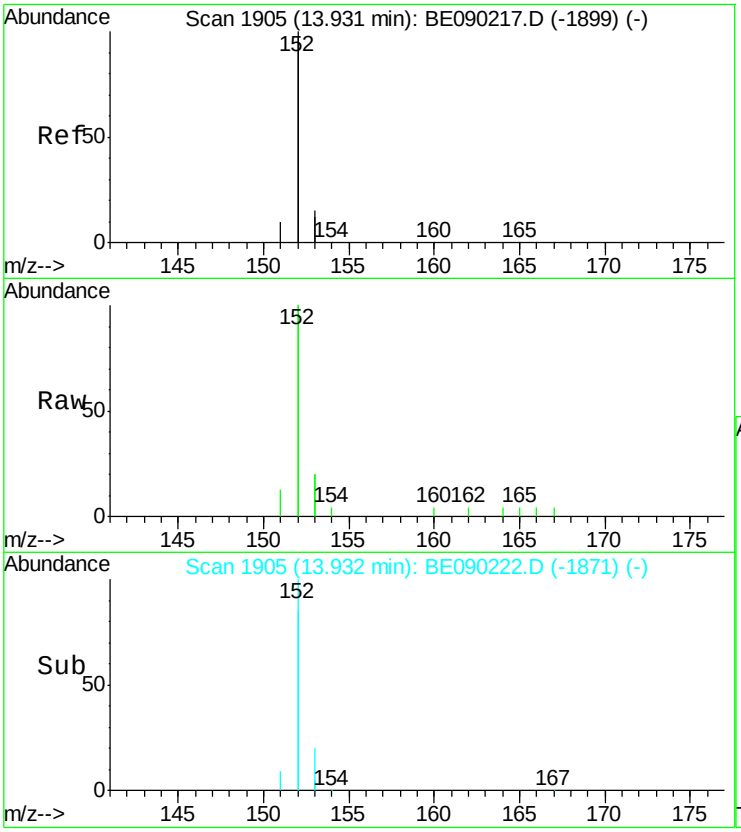


#5
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.03 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:142 Resp: 609

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6

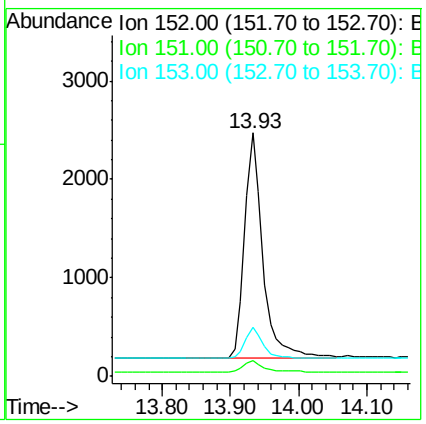




#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 13.93 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:152 Resp: 4277

Ion	Ratio	Lower	Upper
152	100		
151	6.4	4.2	6.4#
153	20.0	11.5	17.3#



Instrument :
BNA_E
ClientSampleId :
MDL-05-S

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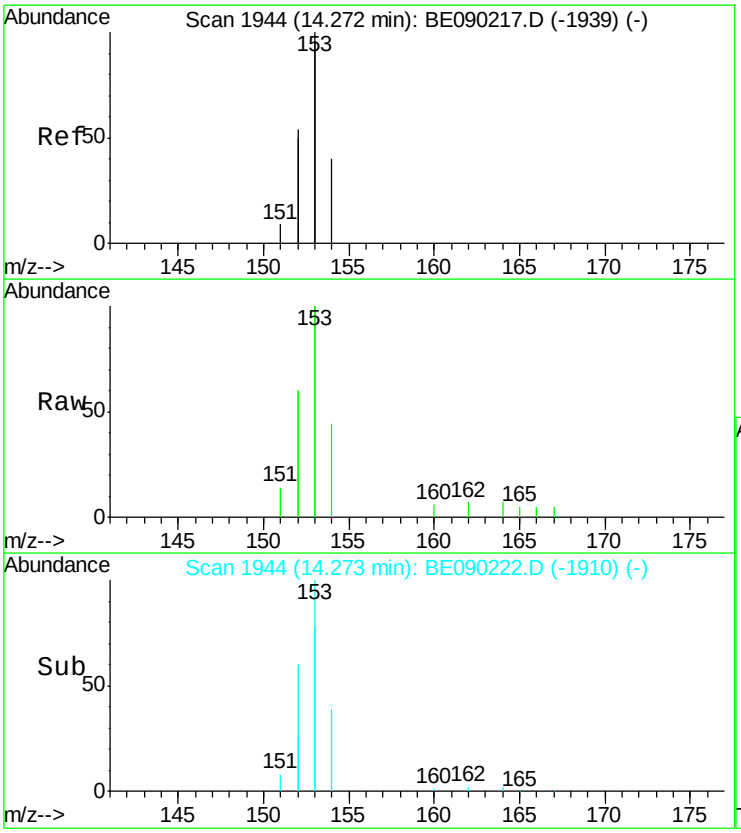
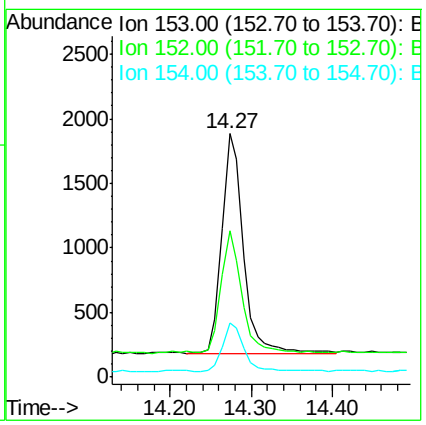
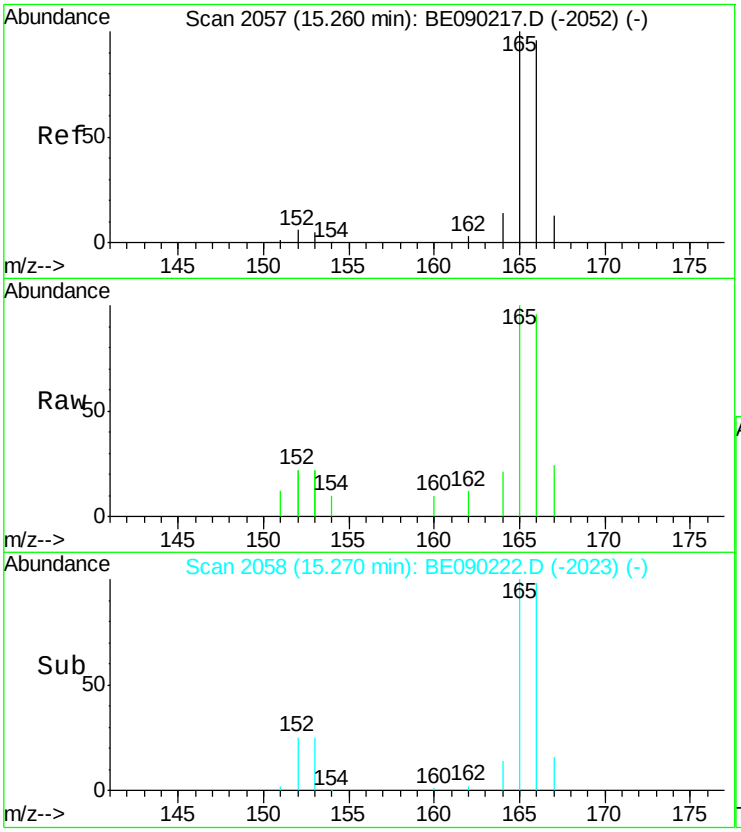


#8
Acenaphthene
Concen: 0.12 ng/ul
RT: 14.27 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:153 Resp: 3110

Ion	Ratio	Lower	Upper
153	100		
152	59.9	45.0	67.4
154	22.1	16.8	25.2

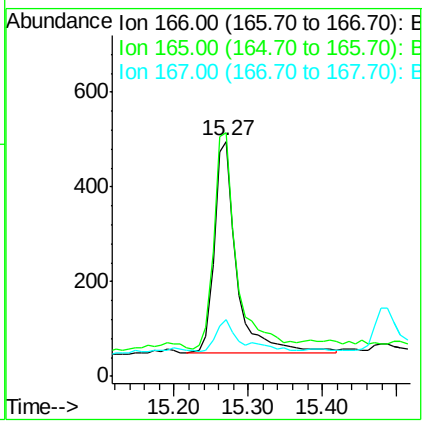




#9
Fluorene
Concen: 0.12 ng/ul
RT: 15.27 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:166 Resp: 929

Ion	Ratio	Lower	Upper
166	100		
165	103.6	81.9	122.9
167	24.4	12.2	18.2#



Instrument :
BNA_E
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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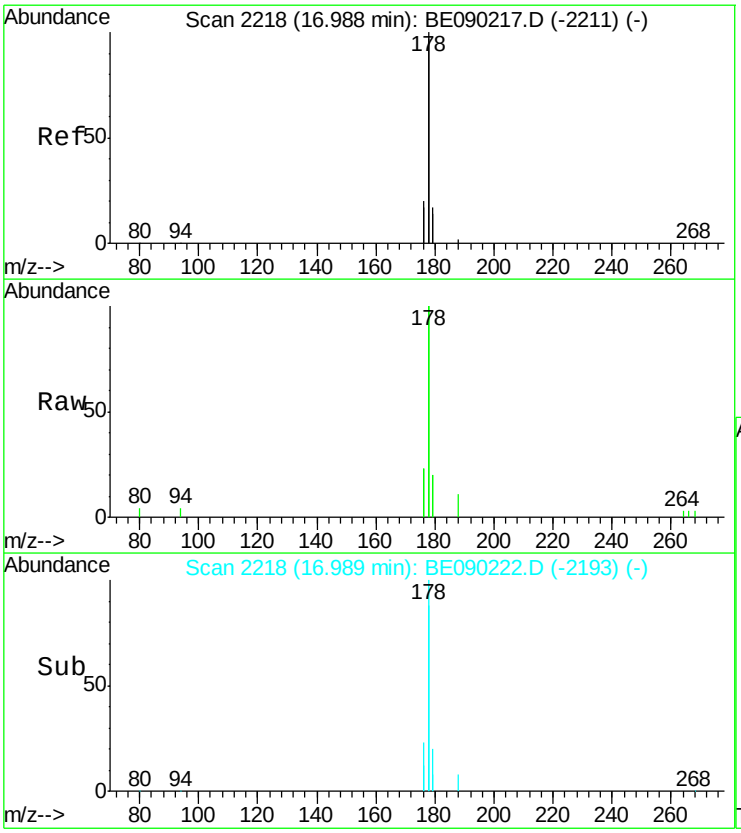
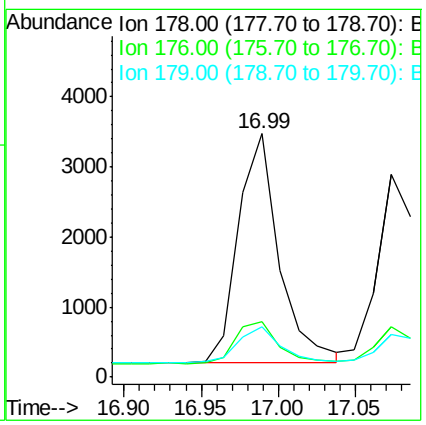
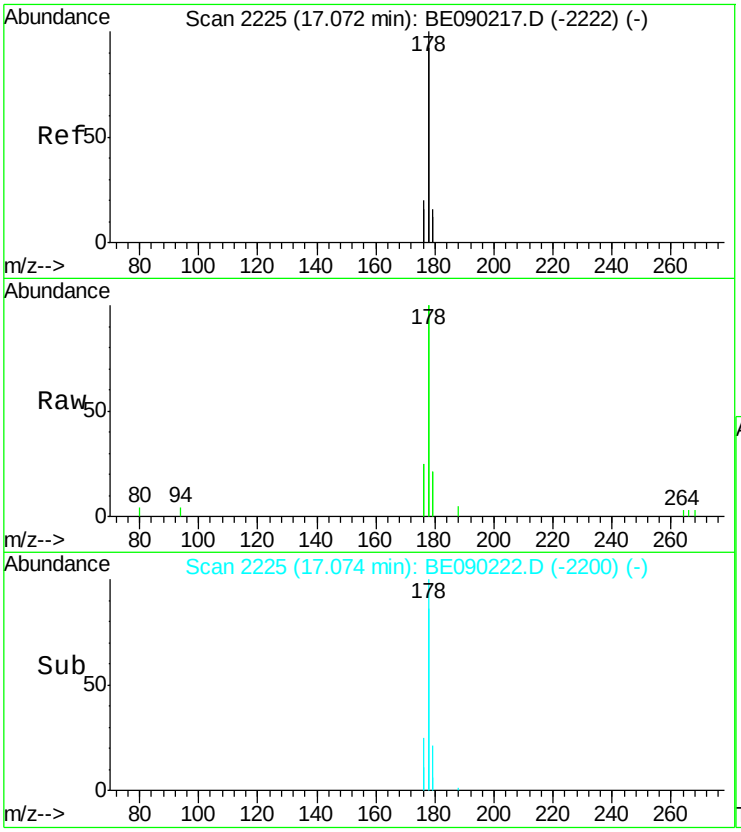


#12
Phenanthrene
Concen: 0.11 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:178 Resp: 6013

Ion	Ratio	Lower	Upper
178	100		
176	23.0	17.6	26.4
179	20.4	12.2	18.4#





#13
Anthracene
Concen: 0.12 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:178 Resp: 6142

Ion	Ratio	Lower	Upper
178	100		
176	24.9	15.9	23.9#
179	20.8	13.3	19.9#

Instrument :
BNA_E
ClientSampleId :
MDL-05-S

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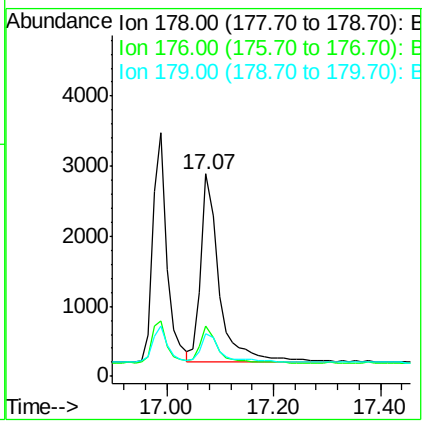
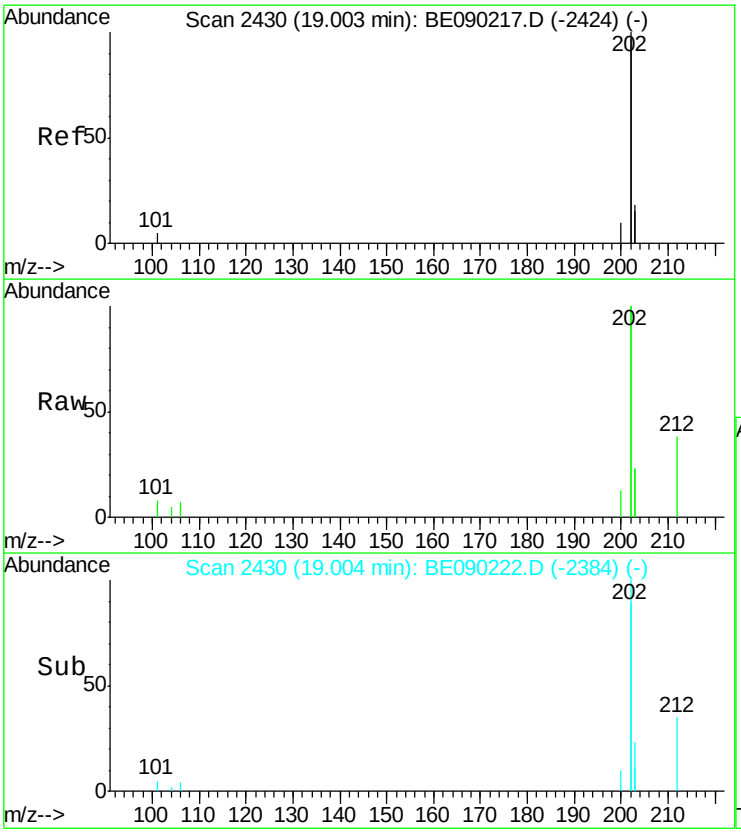
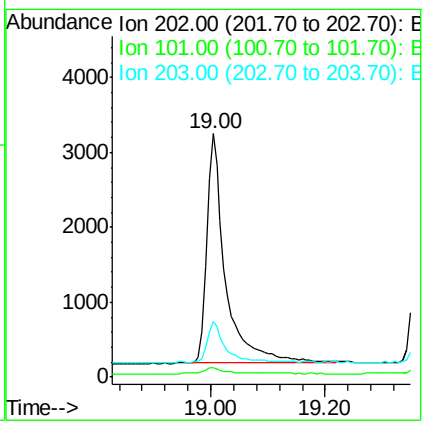


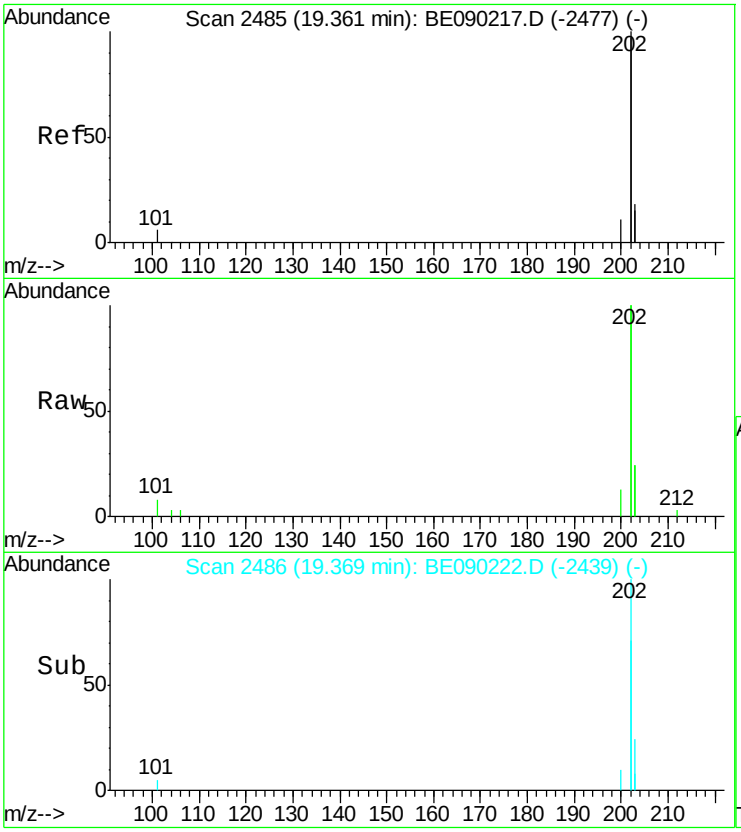


#15
Fluoranthene
Concen: 0.12 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:202 Resp: 7058

Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	23.0
203	22.6	0.0	37.8





#17
Pyrene
Concen: 0.19 ng/ul
RT: 19.37 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:202 Resp: 7089

Ion	Ratio	Lower	Upper
202	100		
200	6.7	4.4	6.6#
203	23.6	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
MDL-05-S

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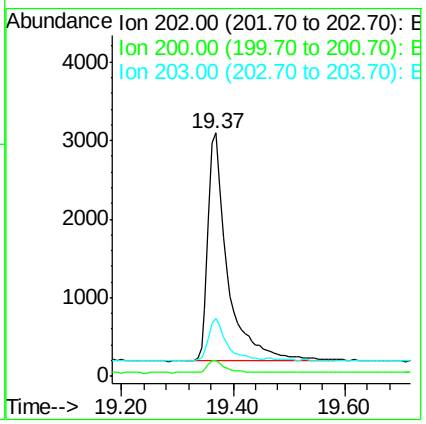
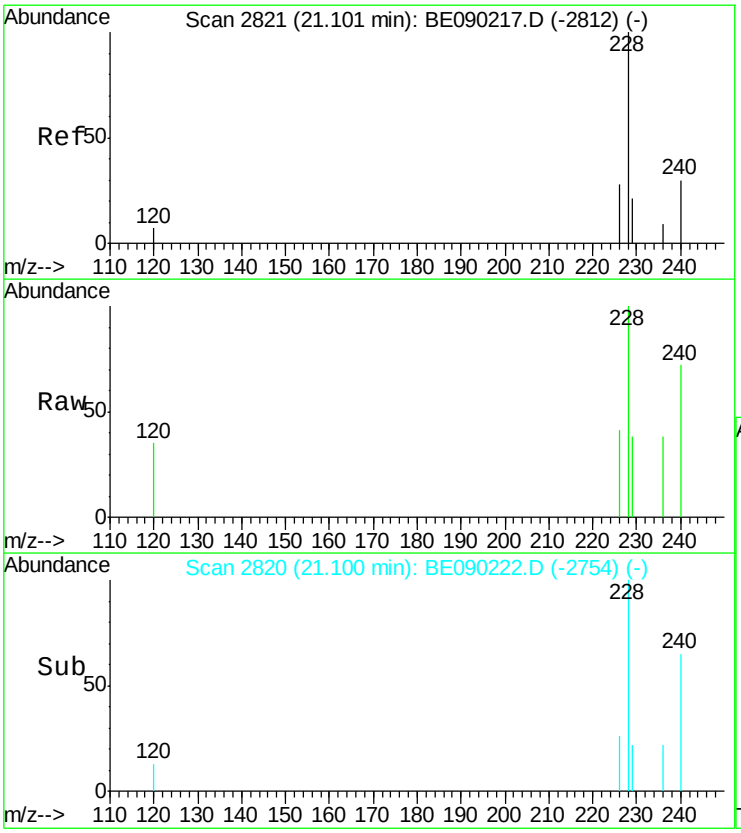
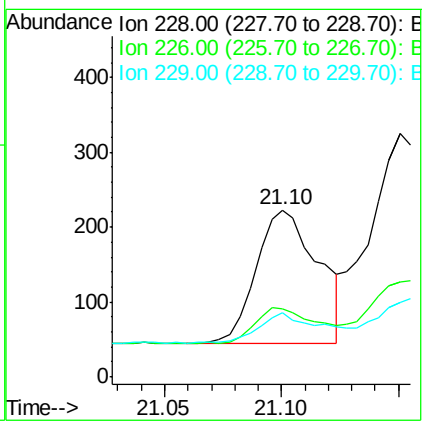


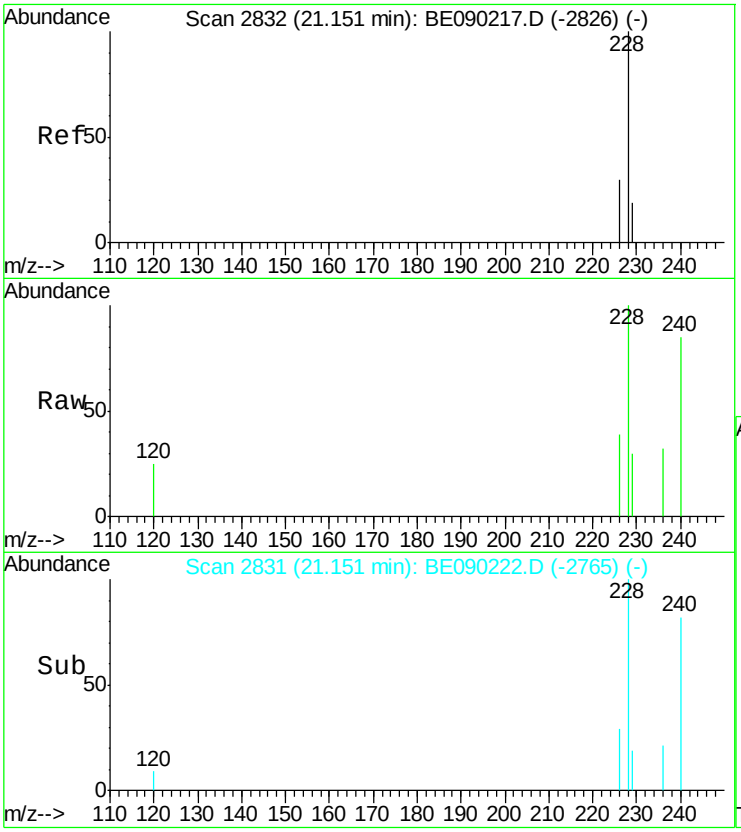


#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:228 Resp: 328

Ion	Ratio	Lower	Upper
228	100		
226	40.8	24.1	36.1#
229	38.1	17.9	26.9#





#19
Chrysene
Concen: 0.13 ng/ul m
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:228 Resp: 1163

Ion	Ratio	Lower	Upper
228	100		
226	38.8	24.6	36.8#
229	30.5	17.4	26.2#

Instrument :
BNA_E
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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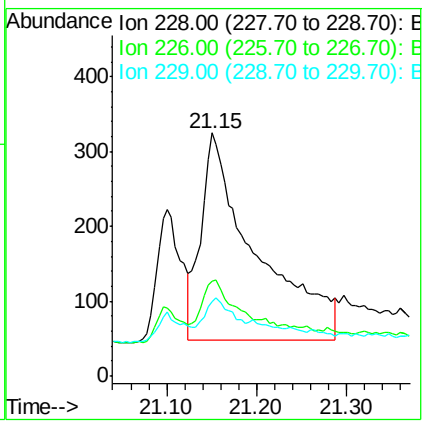
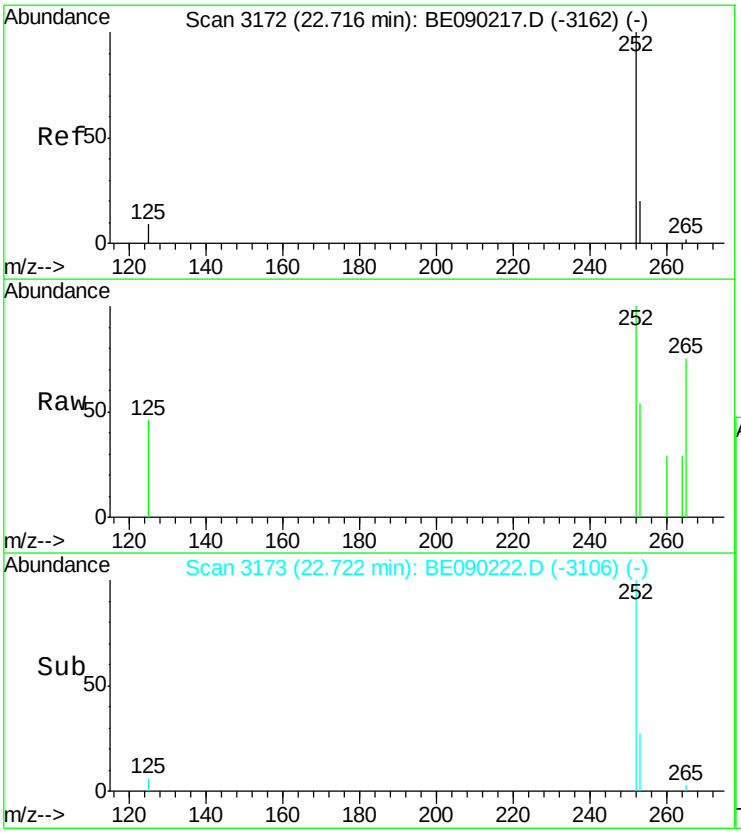
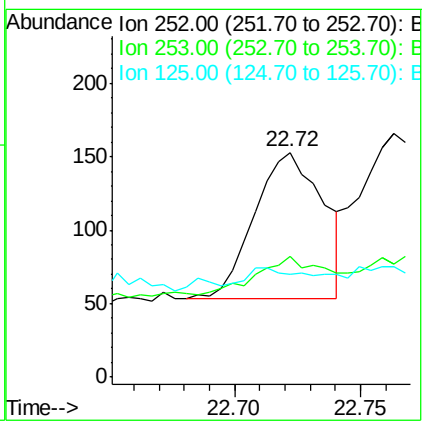


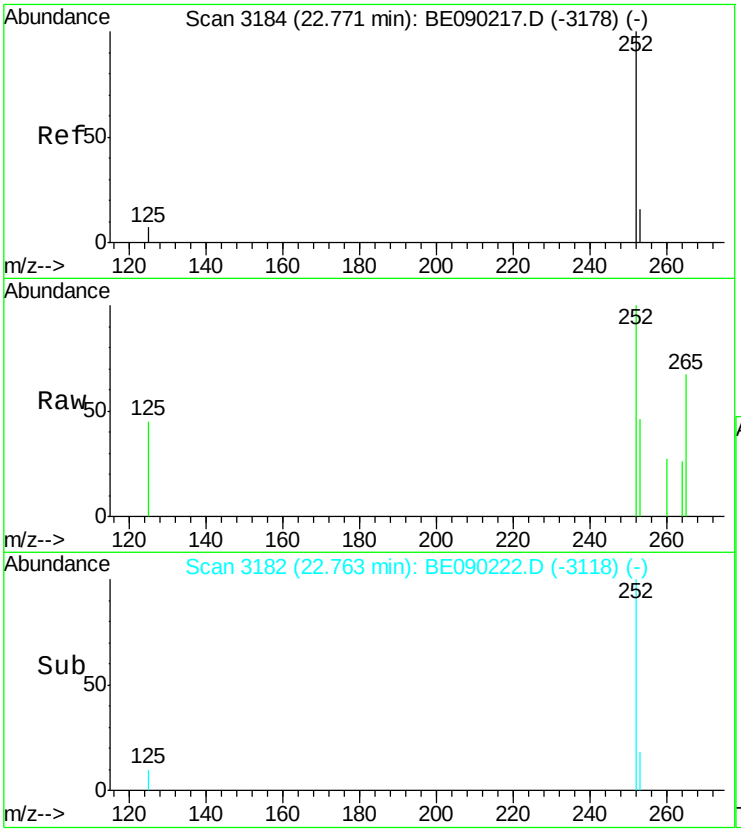


#21
Benzo(b)fluoranthene
Concen: 0.15 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. 0.01 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:252 Resp: 190

Ion	Ratio	Lower	Upper
252	100		
253	53.6	0.0	56.8
125	45.8	0.0	37.0#





#22
Benzo(k)fluoranthene
Concen: 0.10 ng/ul m
RT: 22.76 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:252 Resp: 359

Ion	Ratio	Lower	Upper
252	100		
253	46.4	19.5	29.3#
125	45.2	11.9	17.9#

Instrument :
BNA_E
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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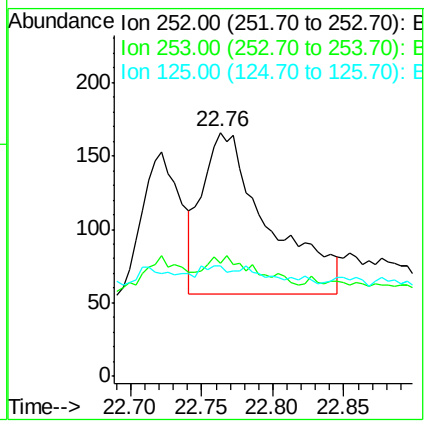
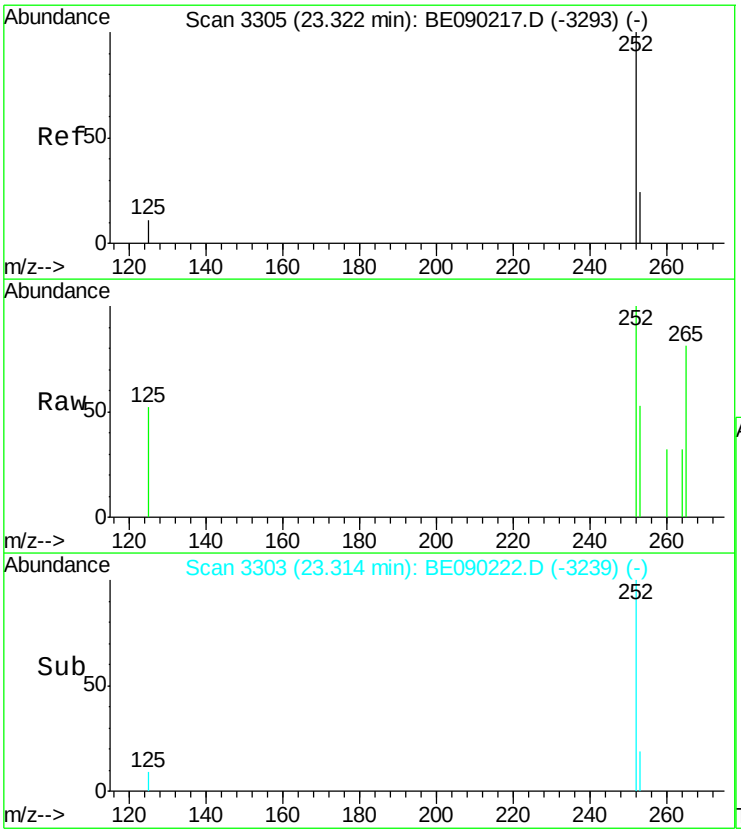
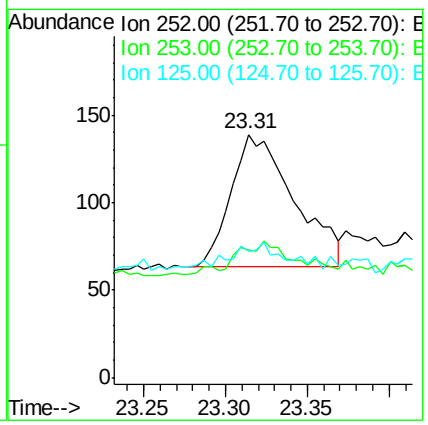


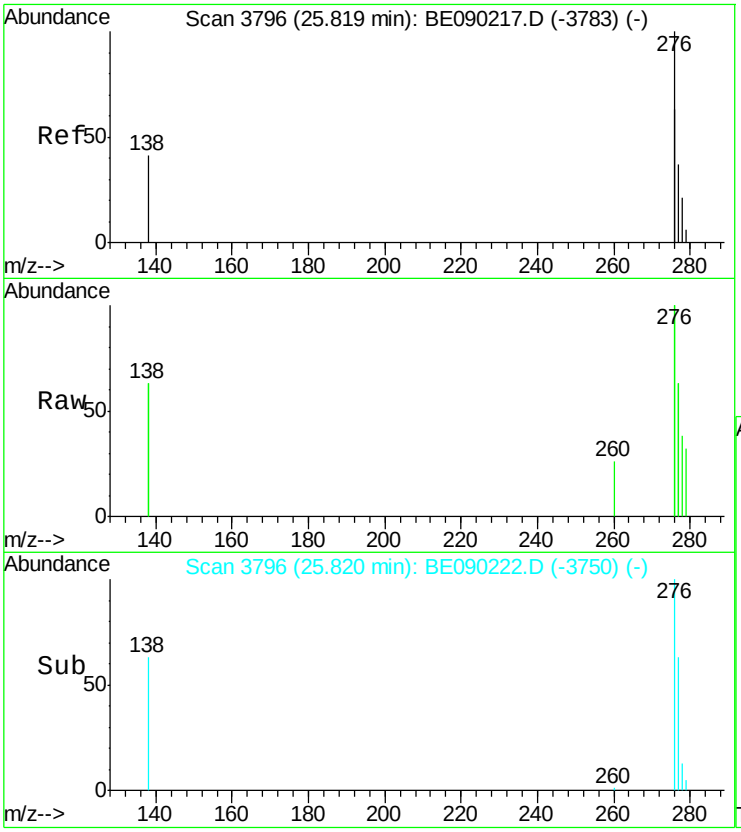


#23
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.31 min Scan# 3303
Delta R.T. -0.01 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:252 Resp: 204

Ion	Ratio	Lower	Upper
252	100		
253	52.5	23.7	35.5#
125	51.8	15.4	23.2#





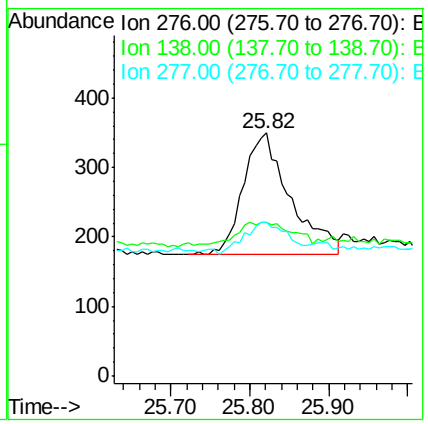
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/ul
RT: 25.82 min Scan# 3796
Delta R.T. 0.00 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

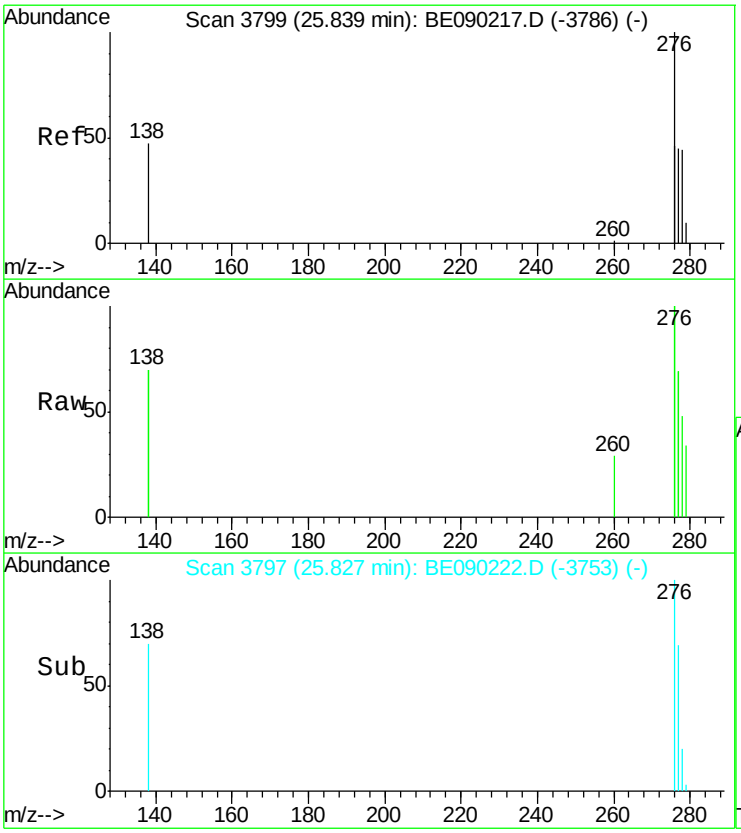
Tgt Ion:276 Resp: 699

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.9	25.3
277	23.7	17.0	25.4

Instrument :
BNA_E
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
apatel
7/22/2015 3:26:46 PM

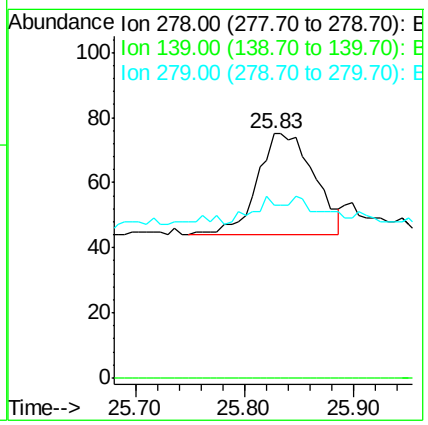


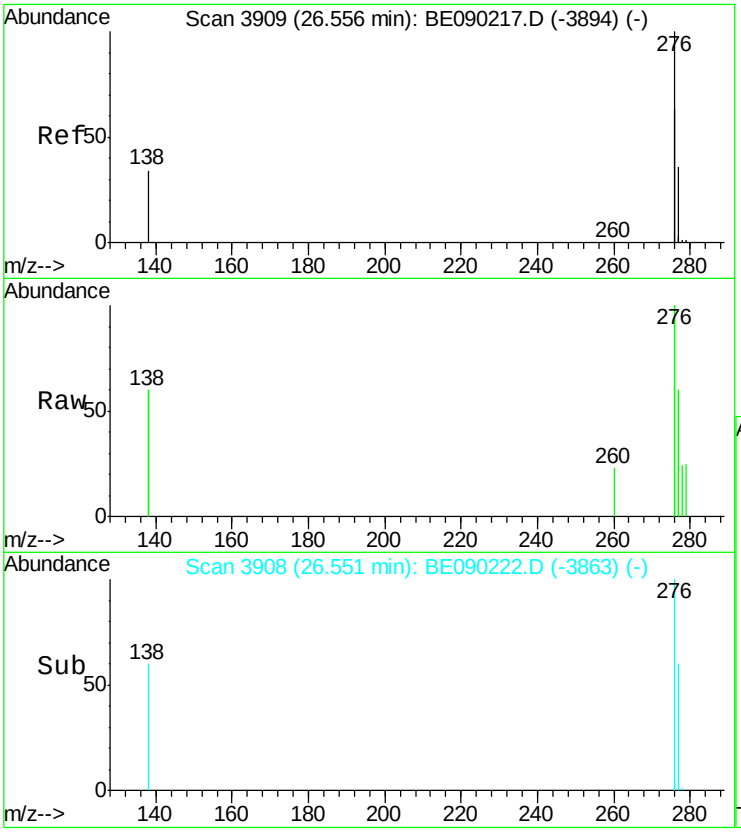


#25
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul
RT: 25.83 min Scan# 3797
Delta R.T. -0.01 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:278 Resp: 113

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	70.7	30.1	45.1#

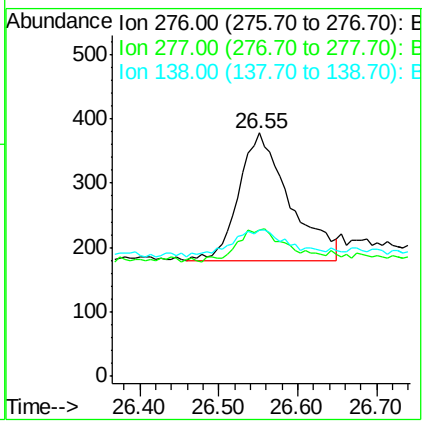




#26
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.55 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BE090222.D
Acq: 22 Jul 2015 6:18

Tgt Ion:276 Resp: 873

Ion	Ratio	Lower	Upper
276	100		
277	60.3	24.6	36.8#
138	60.3	23.5	35.3#



Instrument :
BNA_E
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
apatel
7/22/2015 3:26:46 PM