Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
Data File : BE090296.D
Acq On : 30 Jul 2015 13:58
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-SIM2.2-WATER-0.15PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
MMDadoda
7/31/2015 3:07:24 PM

Quant Time: Jul 31 06:30:13 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 06:10:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3892	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.21	164	2265	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	4888	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2997	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1615	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1930	0.32	ng/ul	0.01
14) Fluoranthene-d10	18.97	212	4410	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	1065	0.10	ng/ul#	84
5) 2-Methylnaphthalene	12.03	142	631	0.09	ng/ul	95
7) Acenaphthylene	13.92	152	4752	0.10	ng/ul#	89
8) Acenaphthene	14.27	153	3468	0.10	ng/ul	97
9) Fluorene	15.26	166	868	0.09	ng/ul#	92
11) Pentachlorophenol	16.63	266	44	0.14	ng/ul	91
12) Phenanthrene	16.99	178	5140	0.10	ng/ul#	88
13) Anthracene	17.07	178	5417	0.10	ng/ul#	85
15) Fluoranthene	19.00	202	6186	0.10	ng/ul	92
17) Pyrene	19.36	202	6487	0.12	ng/ul#	89
18) Benzo(a)anthracene	21.10	228	368	0.08	ng/ul#	75
19) Chrysene	21.16	228	1555m	0.12	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	253	0.10	ng/ul#	50
22) Benzo(k)fluoranthene	22.78	252	807m	0.11	ng/ul	
23) Benzo(a)pyrene	23.33	252	543m	0.16	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.83	276	790	0.08	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.85	278	104	0.09	ng/ul#	50
26) Benzo(g,h,i)perylene	26.56	276	1113	0.08	ng/ul#	47

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
Data File : BE090296.D
Acq On : 30 Jul 2015 13:58
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-SIM2.2-WATER-0.15PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 06:30:13 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 06:10:41 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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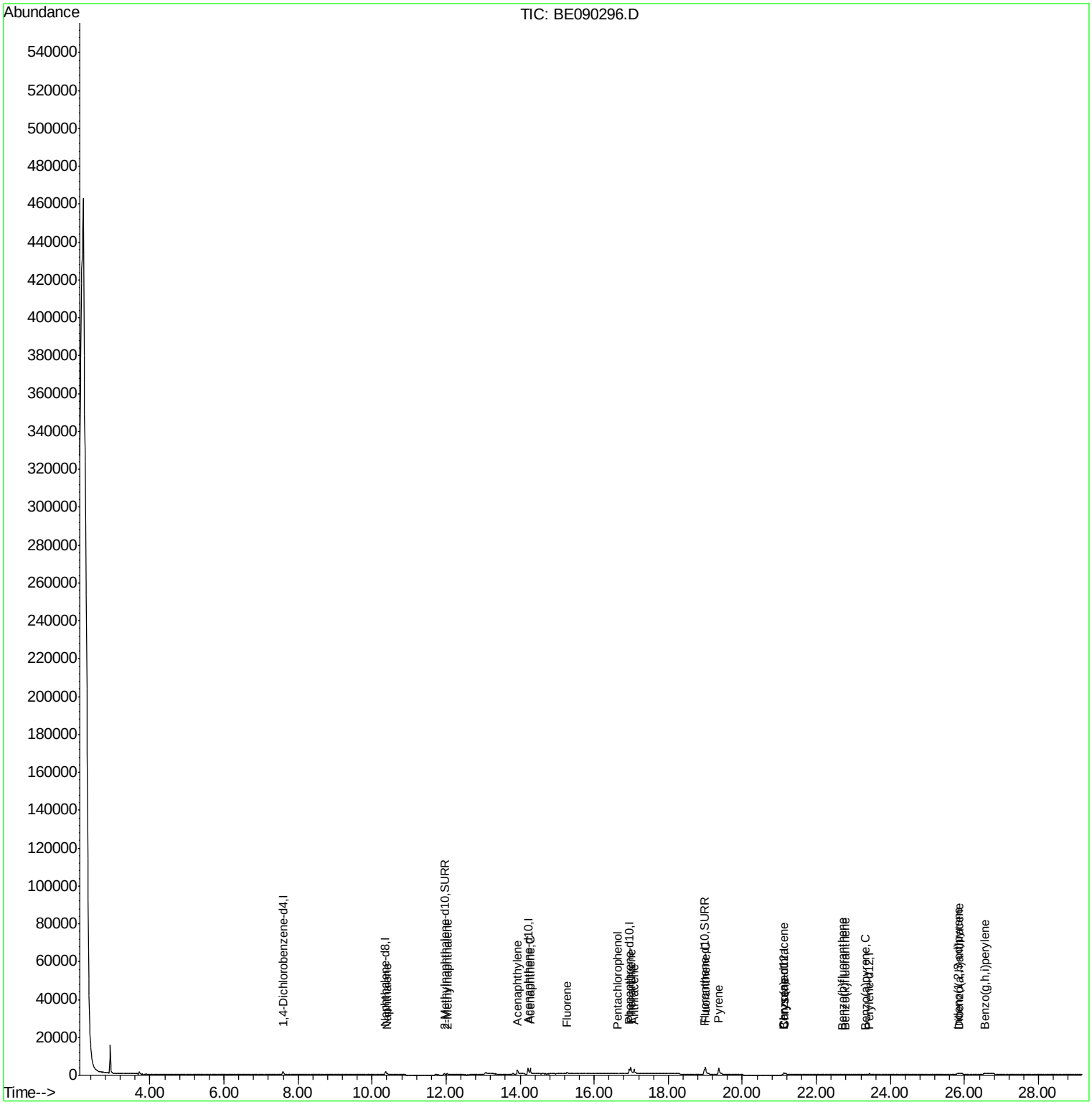

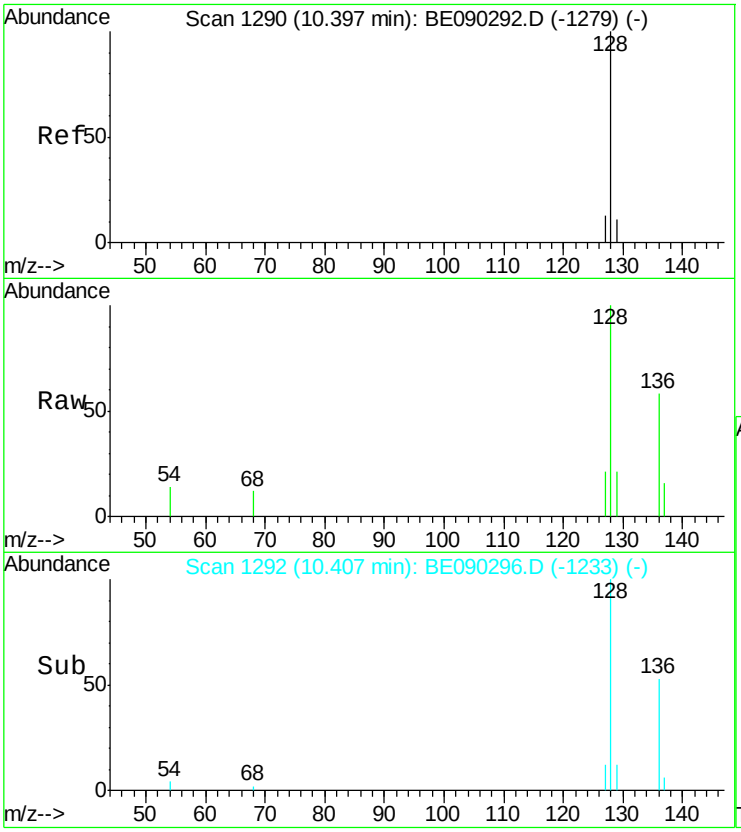

#3
Naphthalene
Concen: 0.10 ng/ul
RT: 10.41 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:128 Resp: 1065

Ion	Ratio	Lower	Upper
128	100		
129	20.7	10.4	15.6#
127	20.7	12.1	18.1#

Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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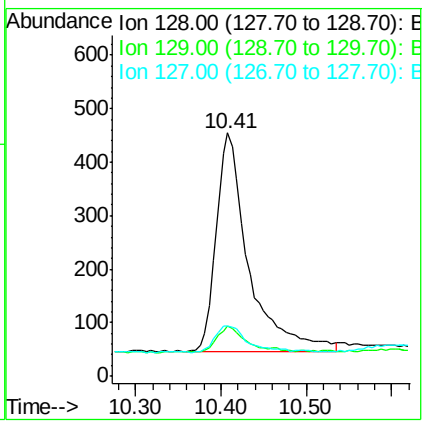
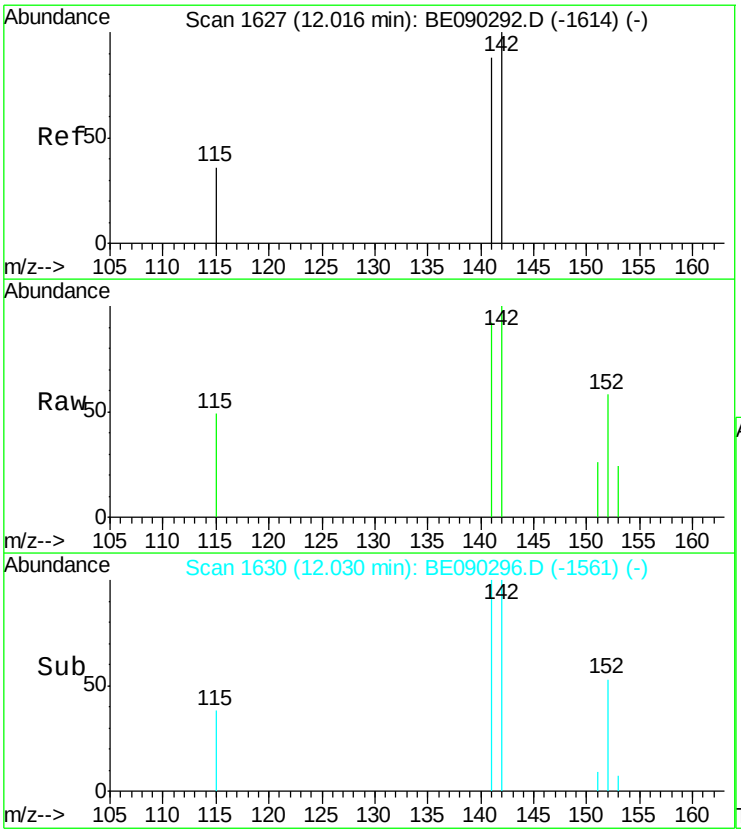
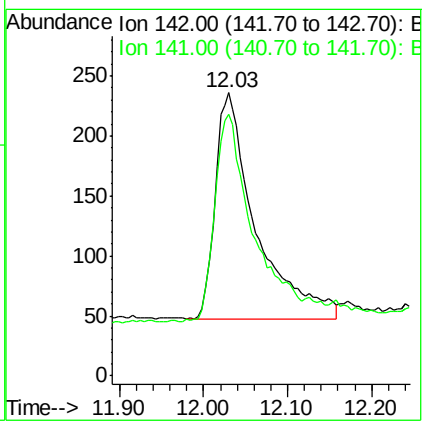


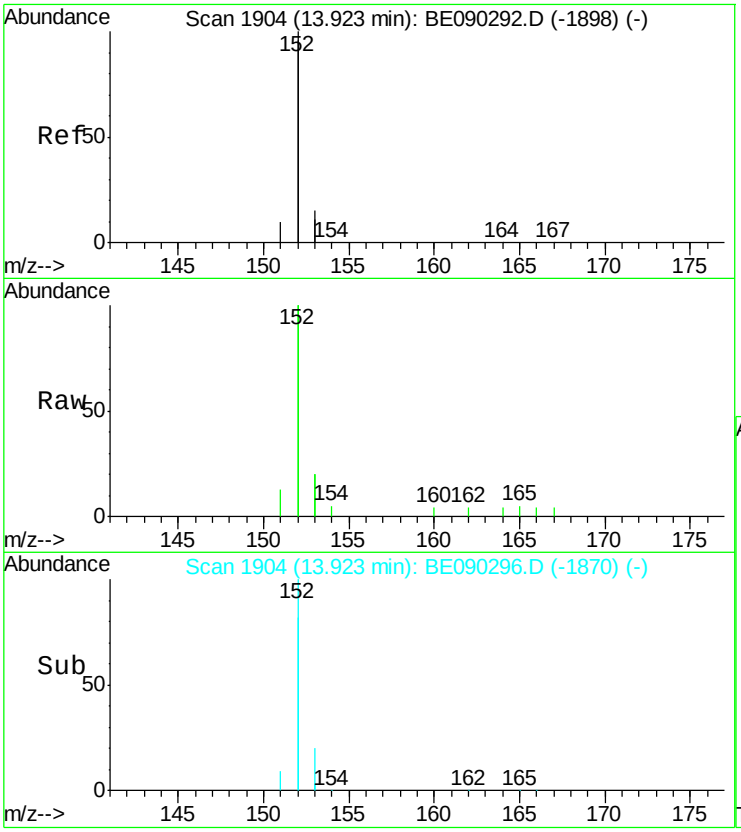


#5
2-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.03 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:142 Resp: 631

Ion	Ratio	Lower	Upper
142	100		
141	86.4	73.0	109.4





#7
Acenaphthylene
Concen: 0.10 ng/ul
RT: 13.92 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:152 Resp: 4752

Ion	Ratio	Lower	Upper
152	100		
151	6.6	4.3	6.5#
153	20.3	11.9	17.9#

Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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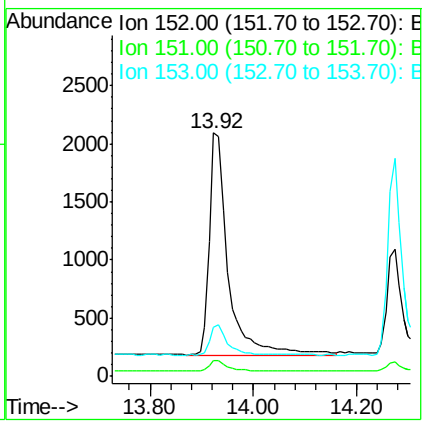
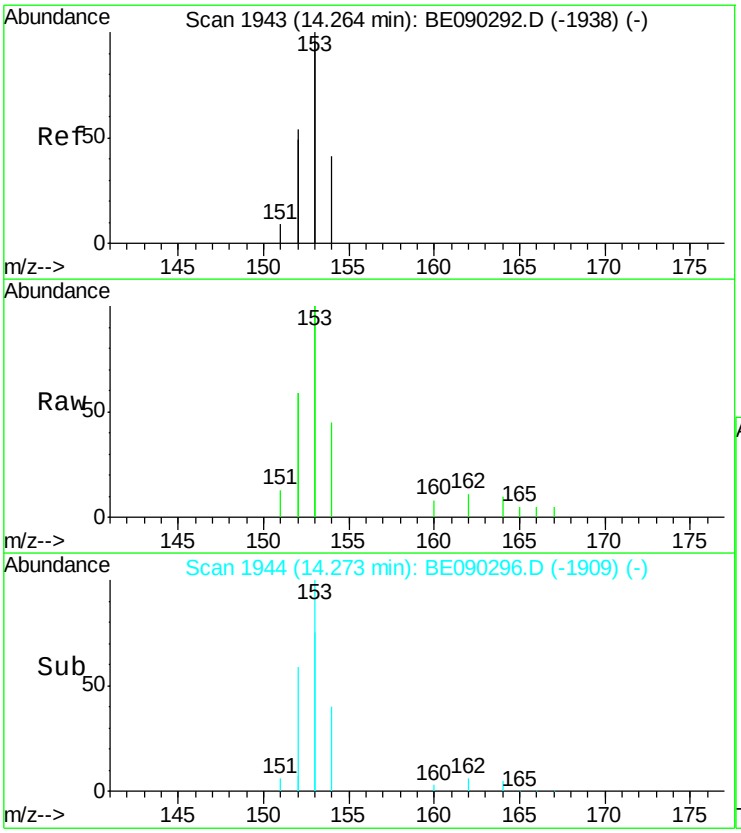
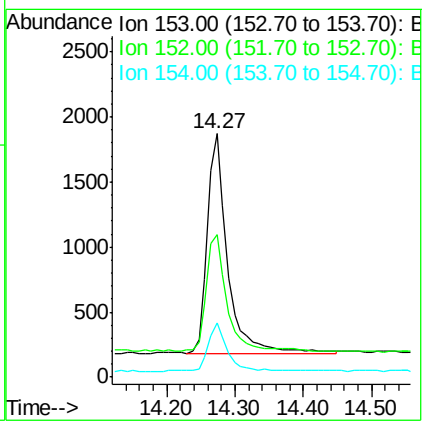


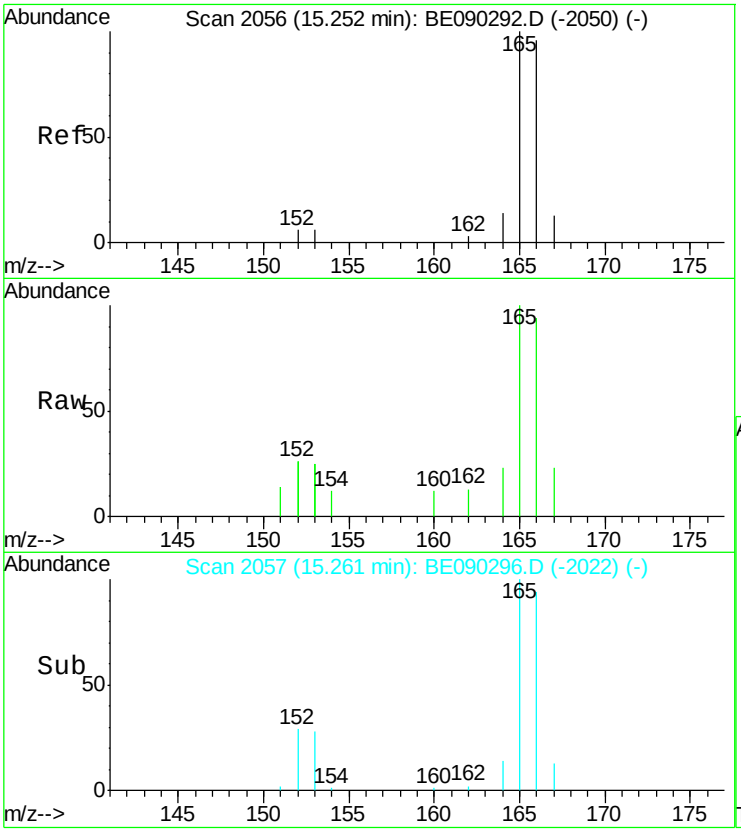


#8
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.27 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:153 Resp: 3468

Ion	Ratio	Lower	Upper
153	100		
152	58.7	45.7	68.5
154	22.5	16.4	24.6

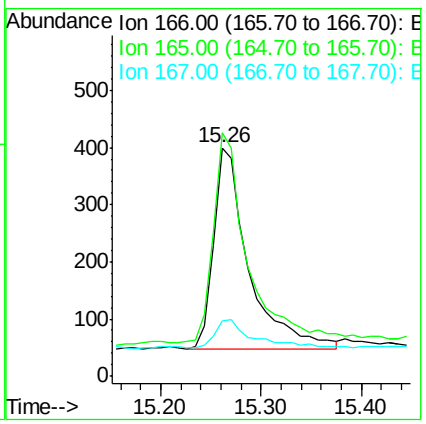




#9
Fluorene
Concen: 0.09 ng/ul
RT: 15.26 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:166 Resp: 868

Ion	Ratio	Lower	Upper
166	100		
165	106.5	80.3	120.5
167	24.0	12.4	18.6#



Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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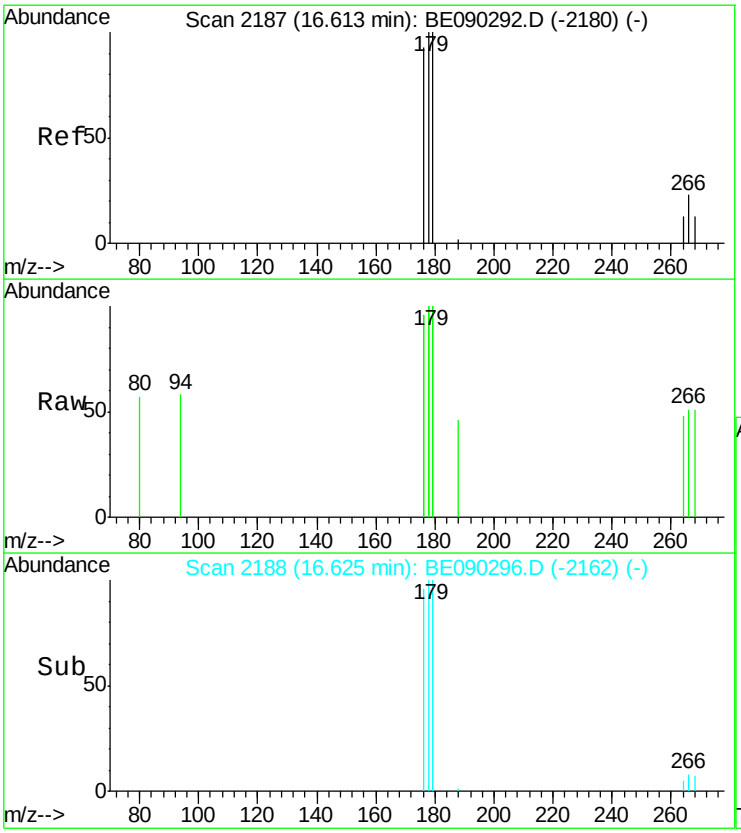
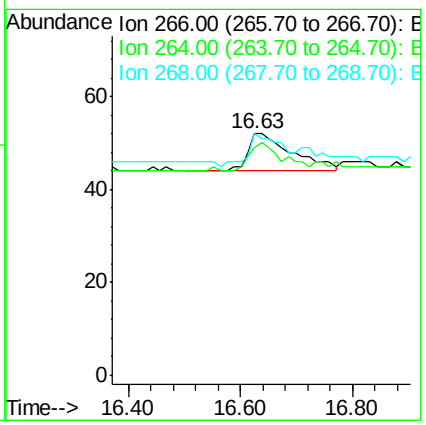
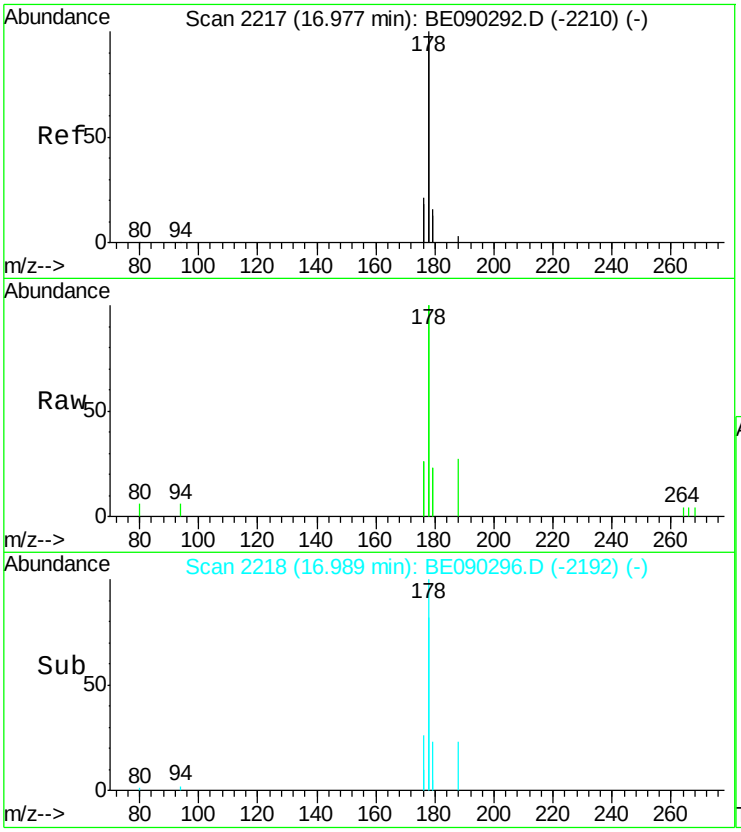


#11
Pentachlorophenol
Concen: 0.14 ng/ul
RT: 16.63 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:266 Resp: 44

Ion	Ratio	Lower	Upper
266	100		
264	56.8	43.4	65.0
268	65.9	44.6	66.8

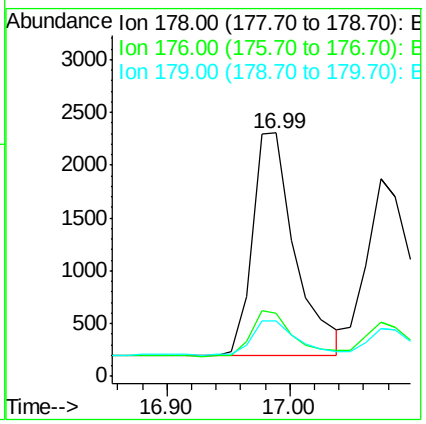




#12
Phenanthrene
Concen: 0.10 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:178 Resp: 5140

Ion	Ratio	Lower	Upper
178	100		
176	26.1	17.3	25.9#
179	23.0	13.1	19.7#



Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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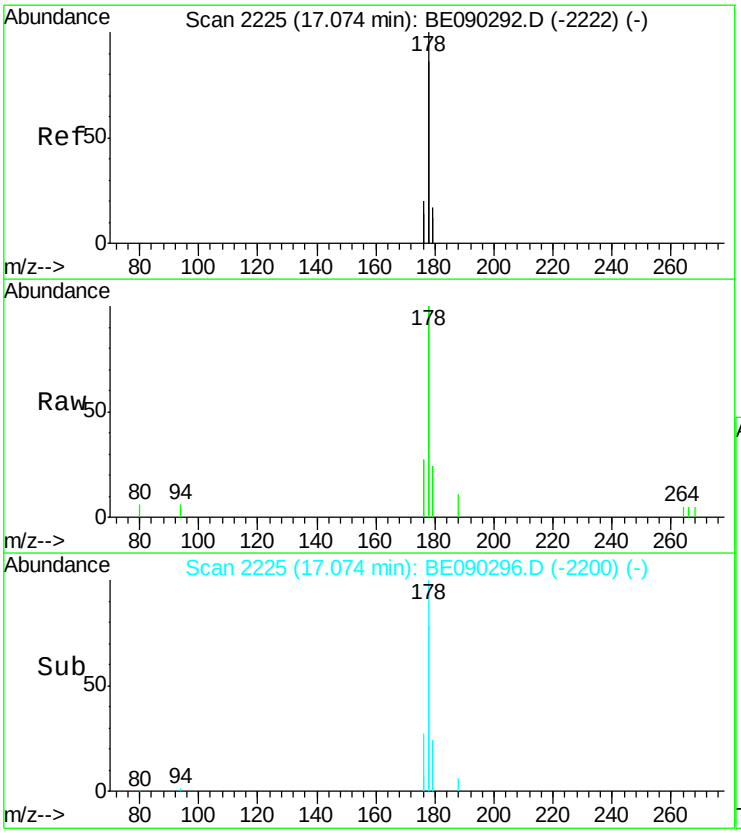
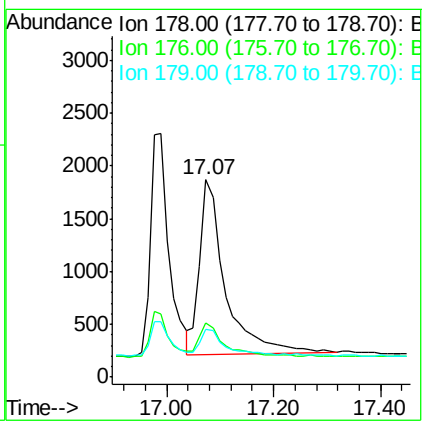
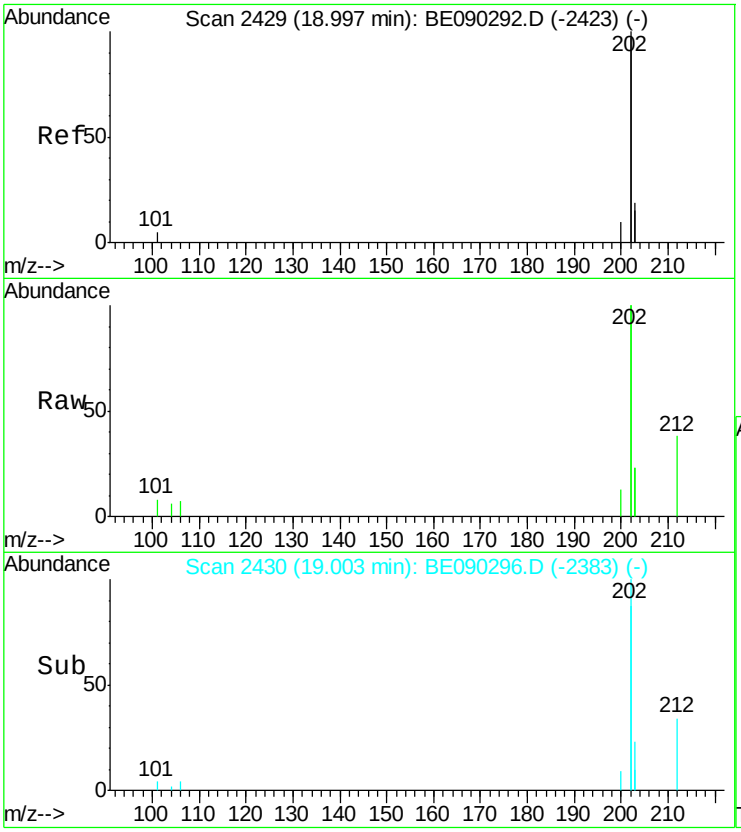


#13
Anthracene
Concen: 0.10 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:178 Resp: 5417

Ion	Ratio	Lower	Upper
178	100		
176	27.3	16.4	24.6#
179	24.2	13.9	20.9#





#15
Fluoranthene
Concen: 0.10 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:202 Resp: 6186

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	22.9
203	23.1	0.0	39.0

Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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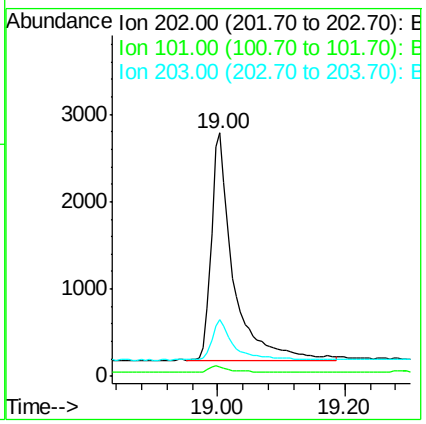
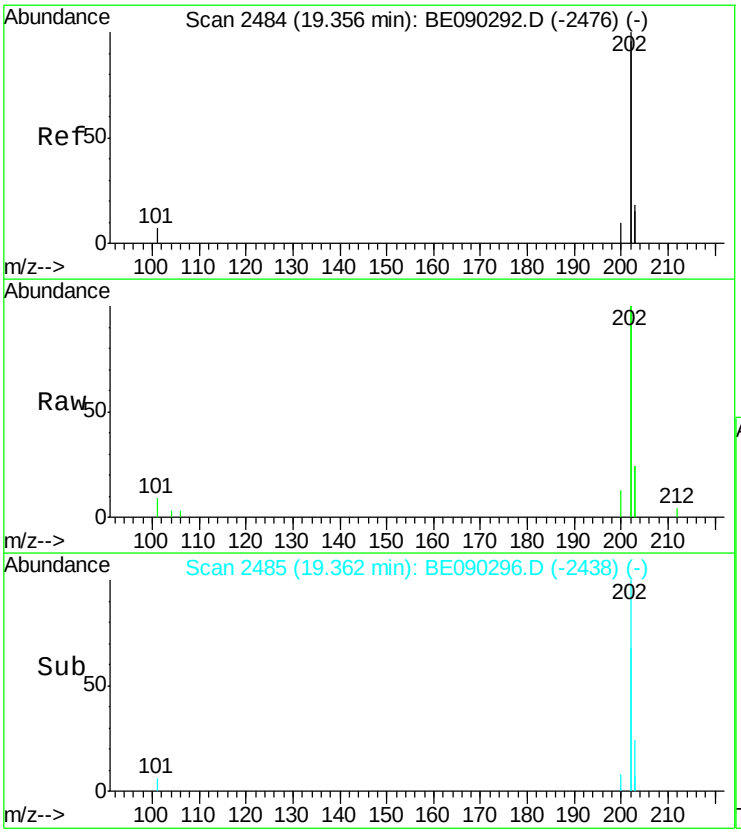
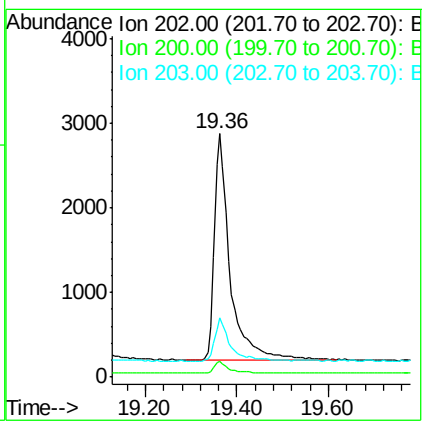


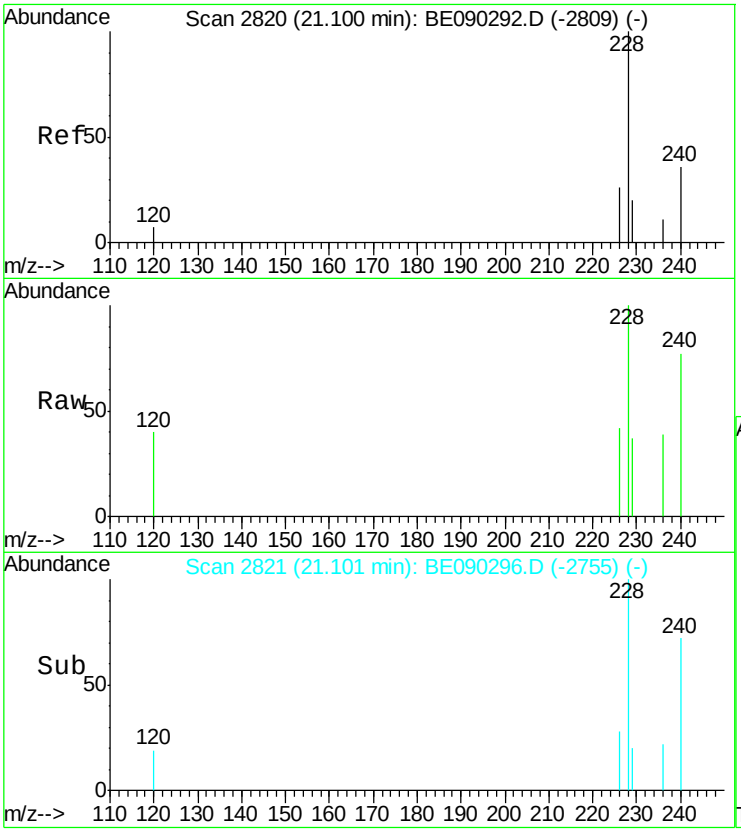


#17
Pyrene
Concen: 0.12 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:202 Resp: 6487

Ion	Ratio	Lower	Upper
202	100		
200	6.3	4.5	6.7
203	24.1	14.4	21.6#

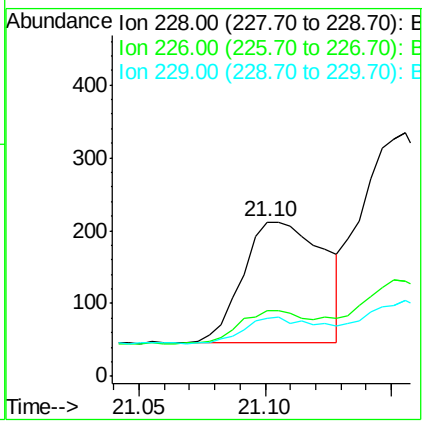




#18
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:228 Resp: 368

Ion	Ratio	Lower	Upper
228	100		
226	42.5	24.6	36.8#
229	37.3	17.9	26.9#



Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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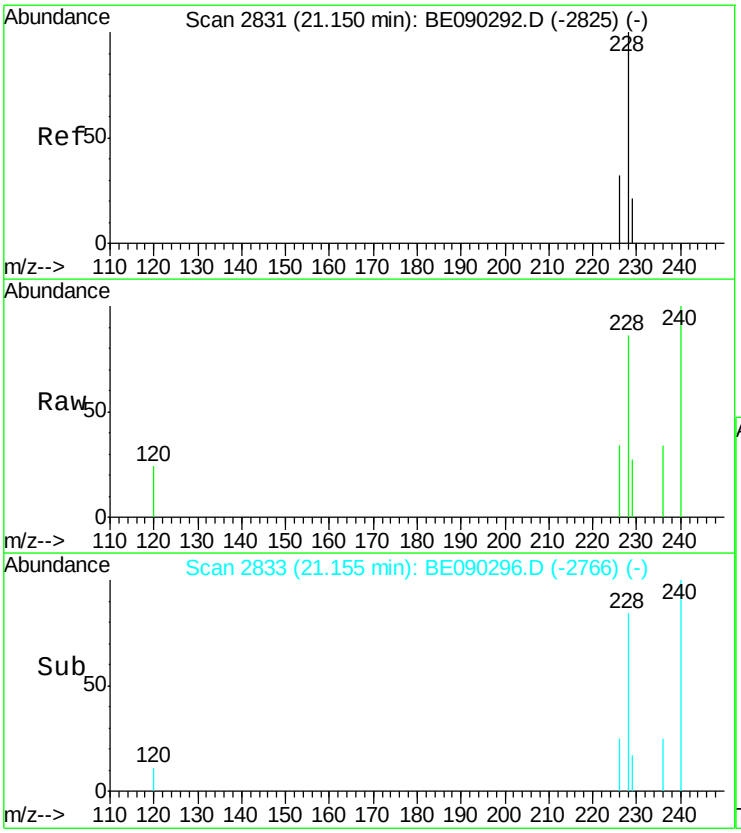
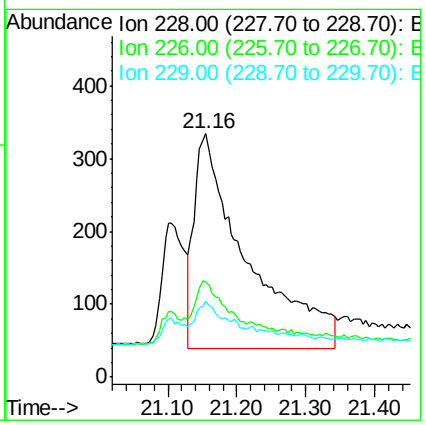
7/31/2015 3:07:24 PM

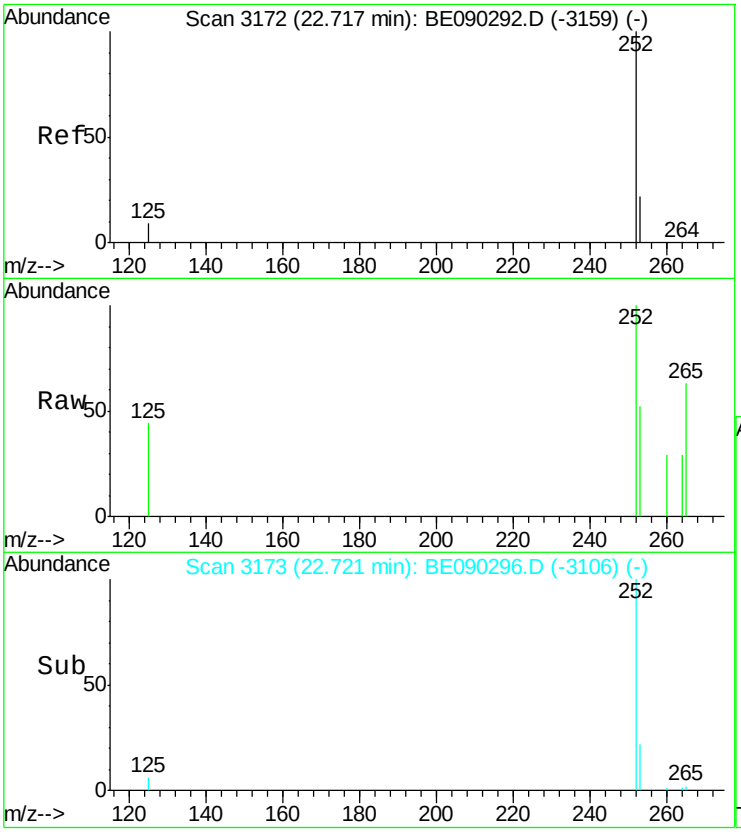


#19
Chrysene
Concen: 0.12 ng/ul m
RT: 21.16 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:228 Resp: 1555

Ion	Ratio	Lower	Upper
228	100		
226	38.9	25.0	37.4#
229	31.1	16.6	24.8#

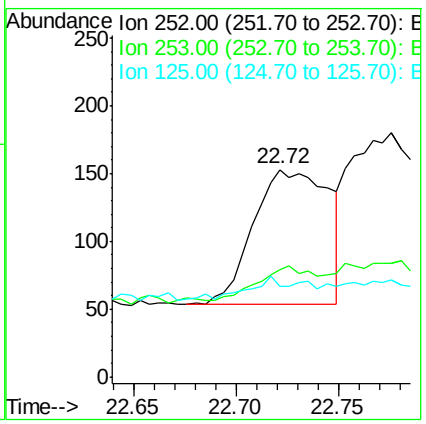




#21
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

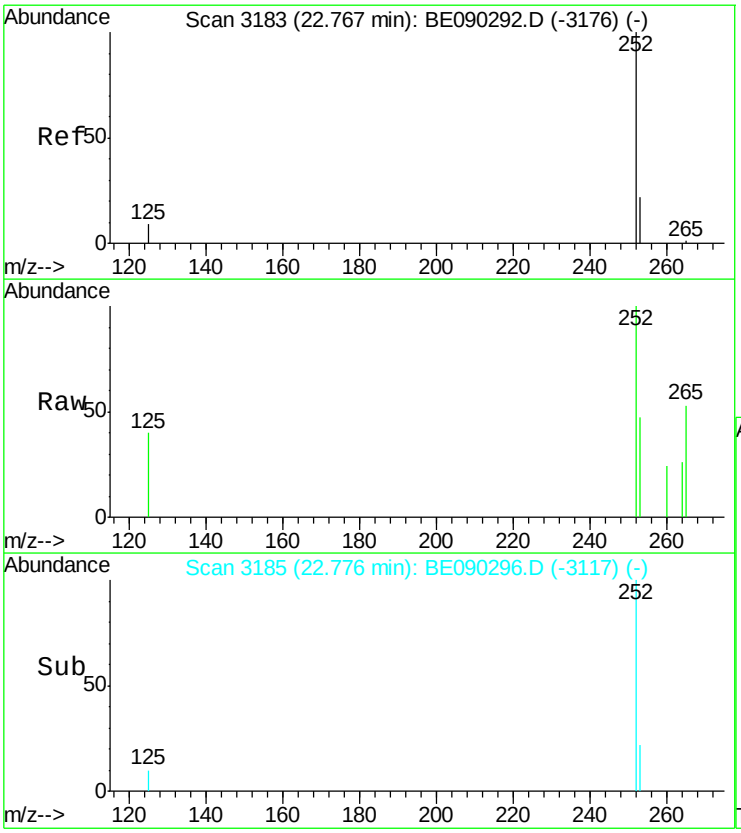
Tgt Ion:252 Resp: 253

Ion	Ratio	Lower	Upper
252	100		
253	51.6	0.0	57.2
125	43.8	0.0	34.6#



Instrument :
BNA_E
ClientSampleId :
MDL-04-W

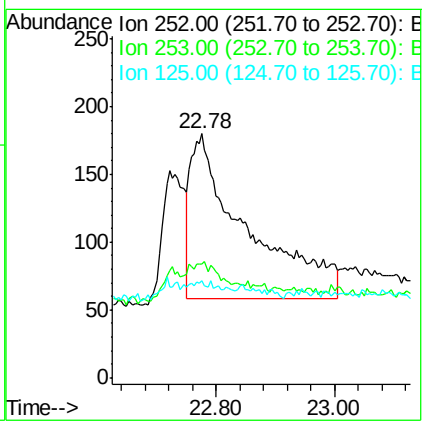
Manual Integrations APPROVED
MMDadoda
7/31/2015 3:07:24 PM

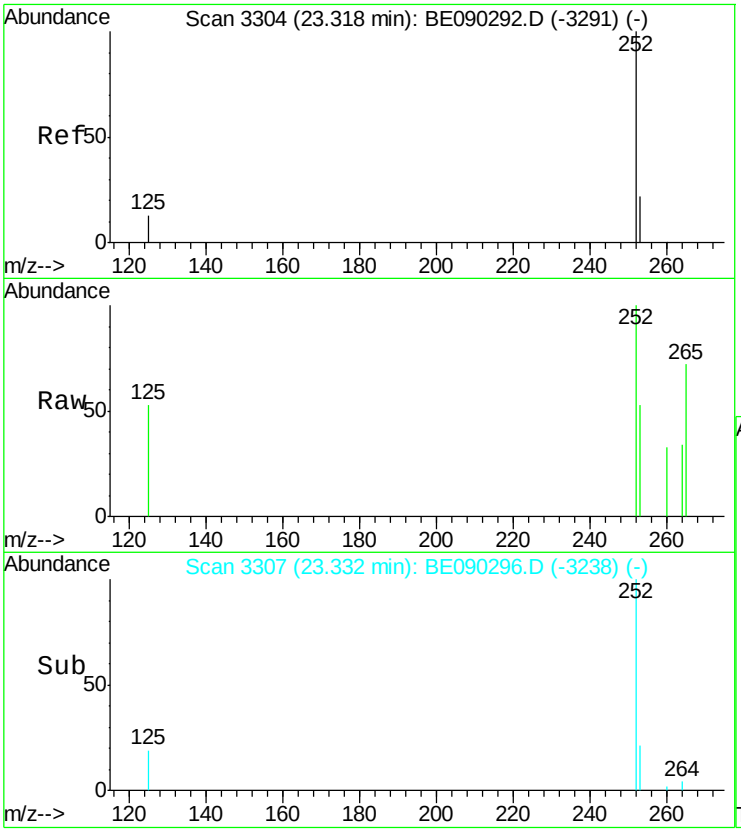


#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.78 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:252 Resp: 807

Ion	Ratio	Lower	Upper
252	100		
253	46.7	21.3	31.9#
125	40.0	13.3	19.9#





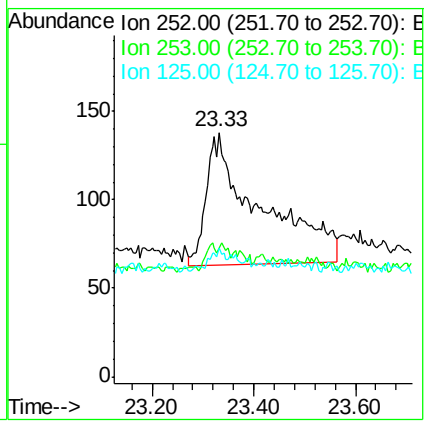
#23
Benzo(a)pyrene
Concen: 0.16 ng/ul m
RT: 23.33 min Scan# 3307
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

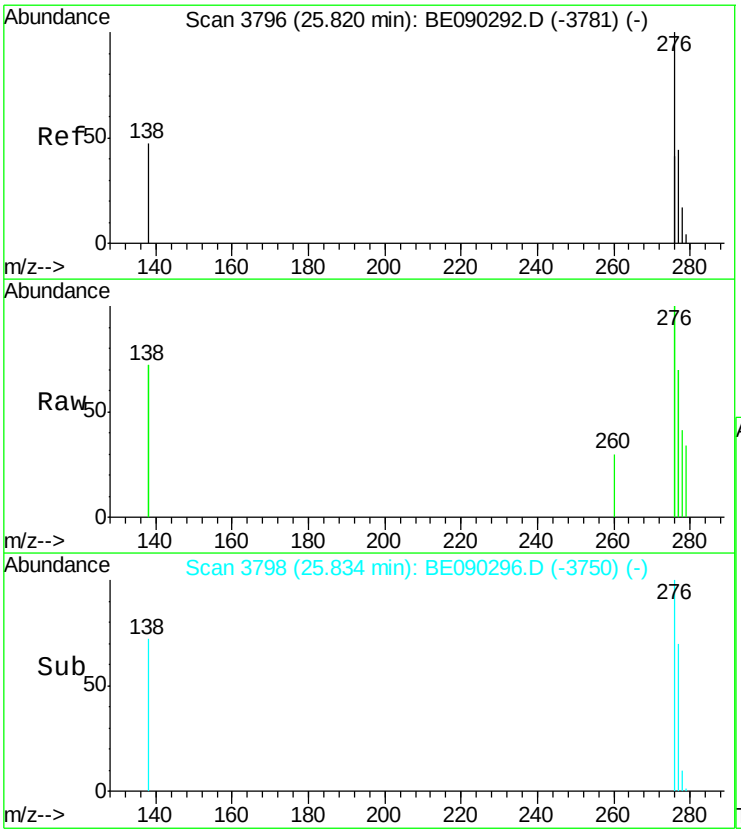
Tgt Ion:252 Resp: 543

Ion	Ratio	Lower	Upper
252	100		
253	52.9	24.9	37.3#
125	52.9	17.5	26.3#

Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
MMDadoda
7/31/2015 3:07:24 PM

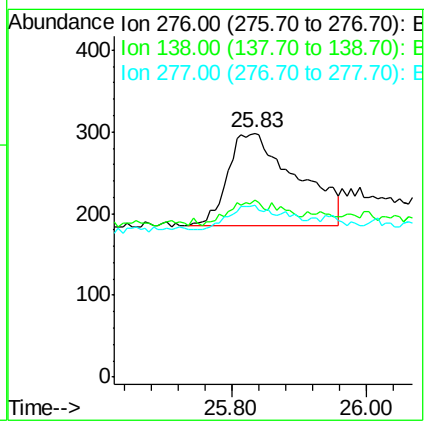


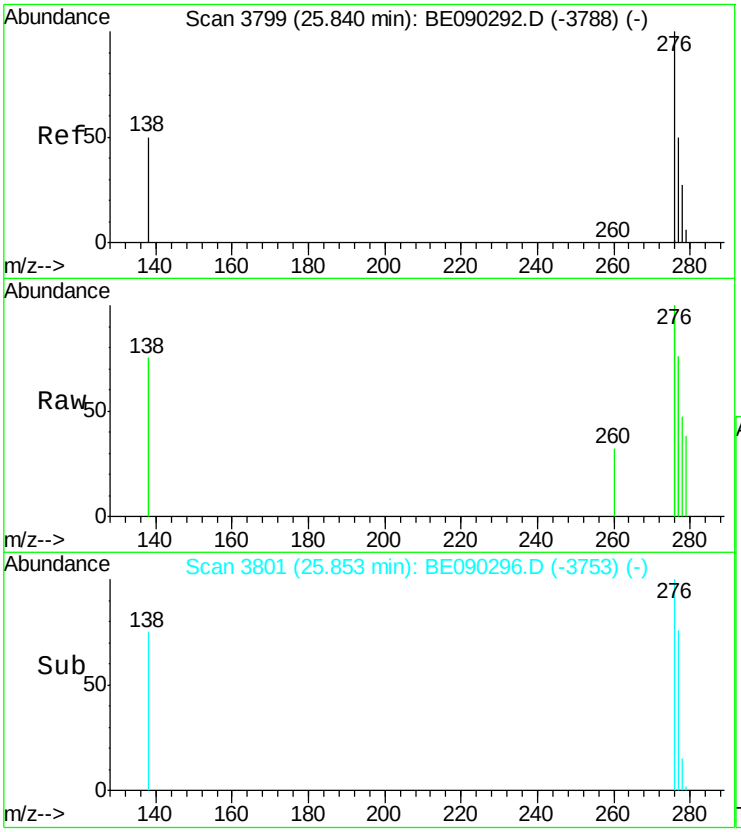


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 25.83 min Scan# 3798
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:276 Resp: 790

Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.5	20.3
277	15.8	16.4	24.6#





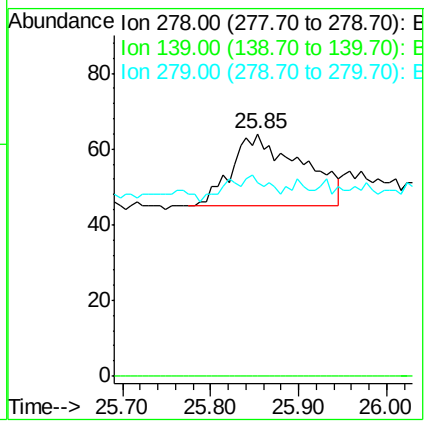
#25
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.85 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

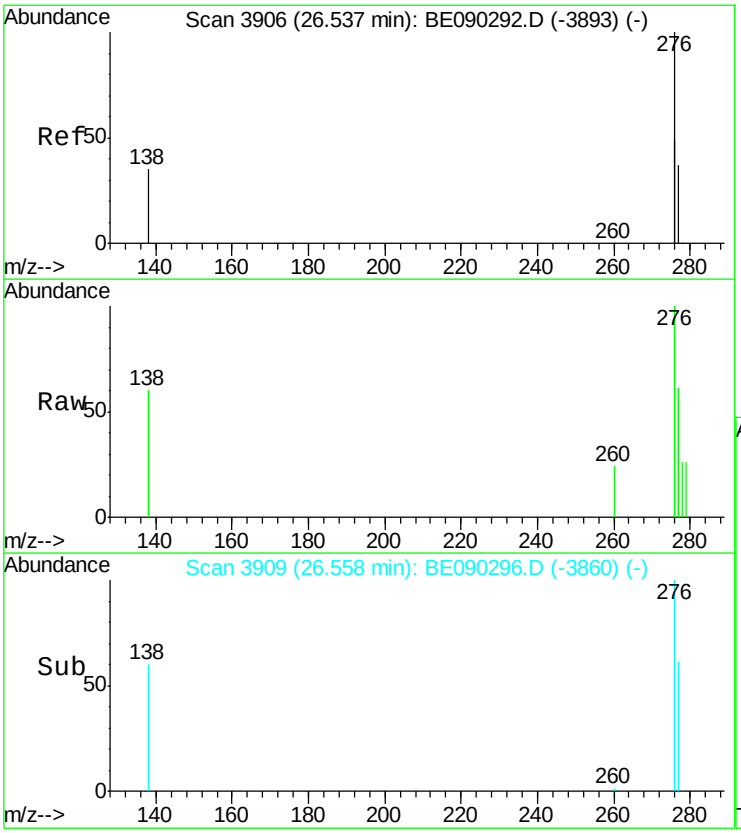
Instrument :
BNA_E
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
MMDadoda
7/31/2015 3:07:24 PM

Tgt Ion:278 Resp: 104

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	79.7	37.4	56.0#





#26
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.02 min
Lab File: BE090296.D
Acq: 30 Jul 2015 13:58

Tgt Ion:276 Resp: 1113

Ion	Ratio	Lower	Upper
276	100		
277	60.6	25.5	38.3#
138	59.6	23.9	35.9#