Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002200.D
Acq On : 03 Aug 2015 16:44
Operator : TP/UM
Sample : G3095-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q7

Manual Integrations APPROVED
MMDadoda
8/6/2015 4:15:41 PM

Quant Time: Aug 04 04:07:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	92187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	394159	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	249772	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	583101	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	598257	20.00	ng/ul	0.01
86) Perylene-d12	23.38	264	531527	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	3471	1.95	ng/uL	0.00
5) Phenol-d5	6.72	99	89914	13.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	45184	12.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	76372	13.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	73845	14.09	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	36790	13.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	42843	13.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	83563	13.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	59449	9.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	243488	13.31	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	303926	13.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	31787	10.41	ng/ul	0.01
58) Fluorene-d10	15.20	176	222271	13.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	7864	2.20	ng/ul	0.01
71) Anthracene-d10	17.06	188	349639	13.43	ng/ul	0.00
79) Pyrene-d10	19.37	212	381407	15.14	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.24	264	324333	12.59	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.37	128	22736	1.21	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	16739	1.23	ng/ul	98
45) Dimethylphthalate	13.67	163	98566	5.40	ng/ul	99
48) Acenaphthylene	13.93	152	43929	1.86	ng/ul	94
50) Acenaphthene	14.27	153	48693	3.15	ng/ul	99
54) Dibenzofuran	14.61	168	27936	1.26	ng/ul#	88
59) Fluorene	15.26	166	48587	2.65	ng/ul	98
70) Phenanthrene	17.01	178	966824	32.01	ng/ul	99
72) Anthracene	17.10	178	231509	7.50	ng/ul	99
75) Carbazole	17.37	167	63709	2.42	ng/ul#	91
77) Fluoranthene	19.04	202	2313620	66.34	ng/ul	99
80) Pyrene	19.41	202	2244369	68.94	ng/ul	99
83) Benzo(a)anthracene	21.17	228	1171843	35.33	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	121511	6.38	ng/ul	97
85) Chrysene	21.22	228	1086818	35.03	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	1273827	42.65	ng/ul#	96
89) Benzo(k)fluoranthene	22.76	252	400956m	13.91	ng/ul	
91) Benzo(a)pyrene	23.29	252	902953	31.32	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.58	276	594984	17.91	ng/ul	96
93) Dibenzo(a,h)anthracene	25.57	278	161851	5.69	ng/ul#	90
94) Benzo(g,h,i)perylene	26.26	276	549498	19.73	ng/ul	96

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002200.D
Acq On : 03 Aug 2015 16:44
Operator : TP/UM
Sample : G3095-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 04 04:07:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01Q7

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
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C01Q7

Manual Integrations APPROVED
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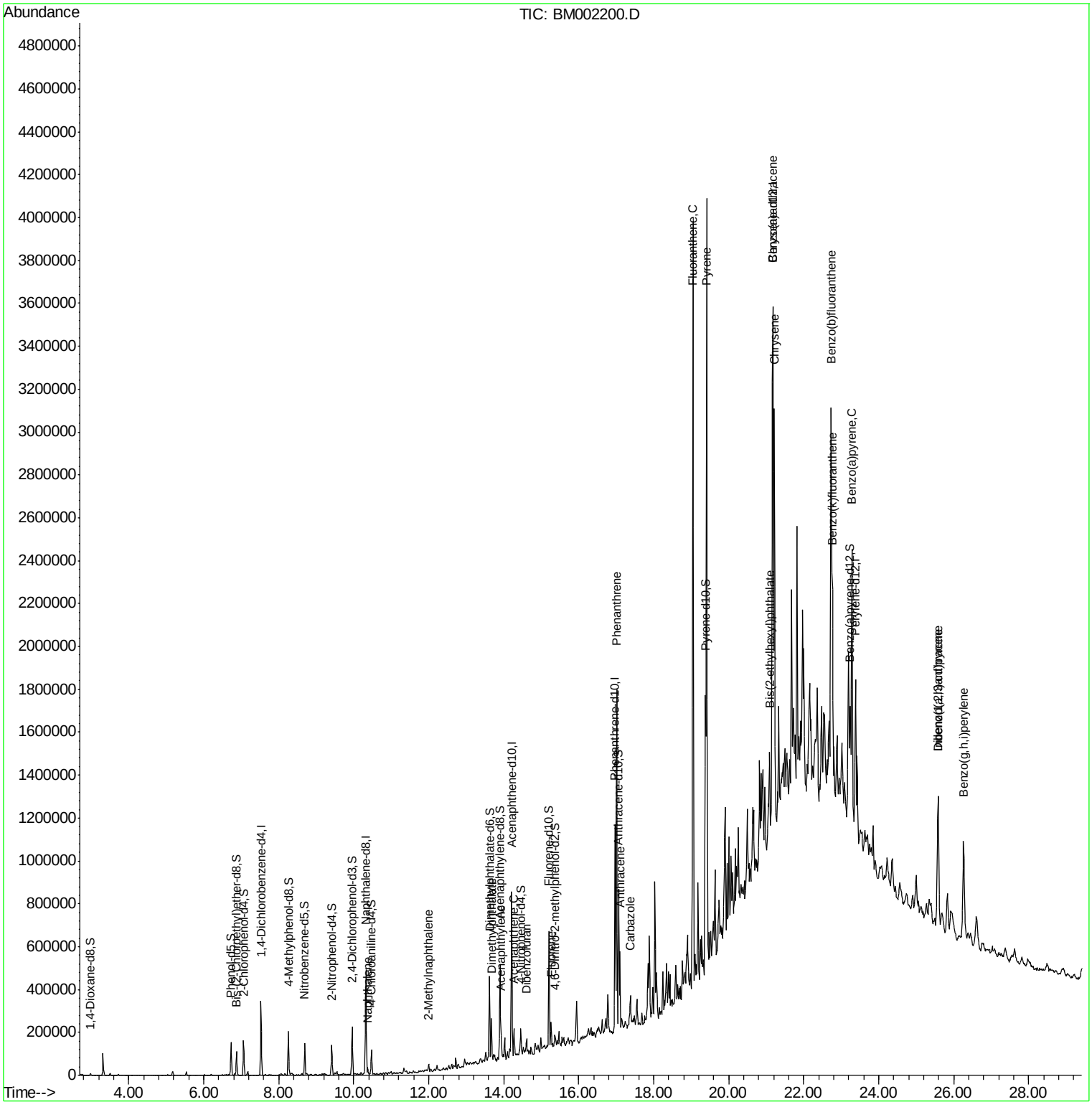
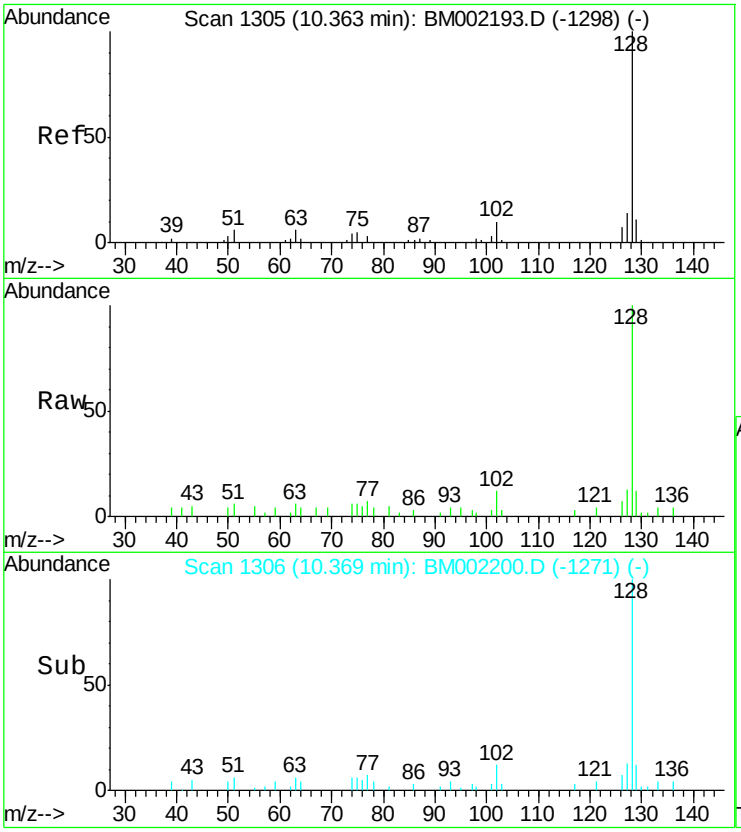
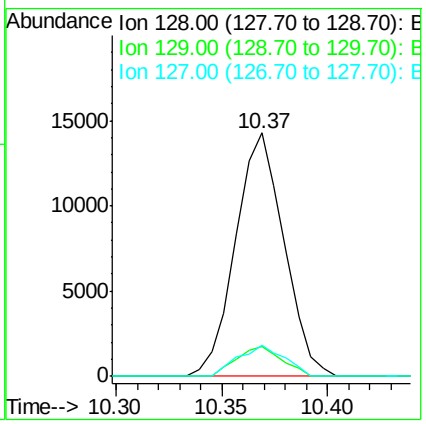




#28
Naphthalene
Concen: 1.21 ng/ul
RT: 10.37 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:128 Resp: 22736

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	12.9	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
C01Q7

Manual Integrations APPROVED
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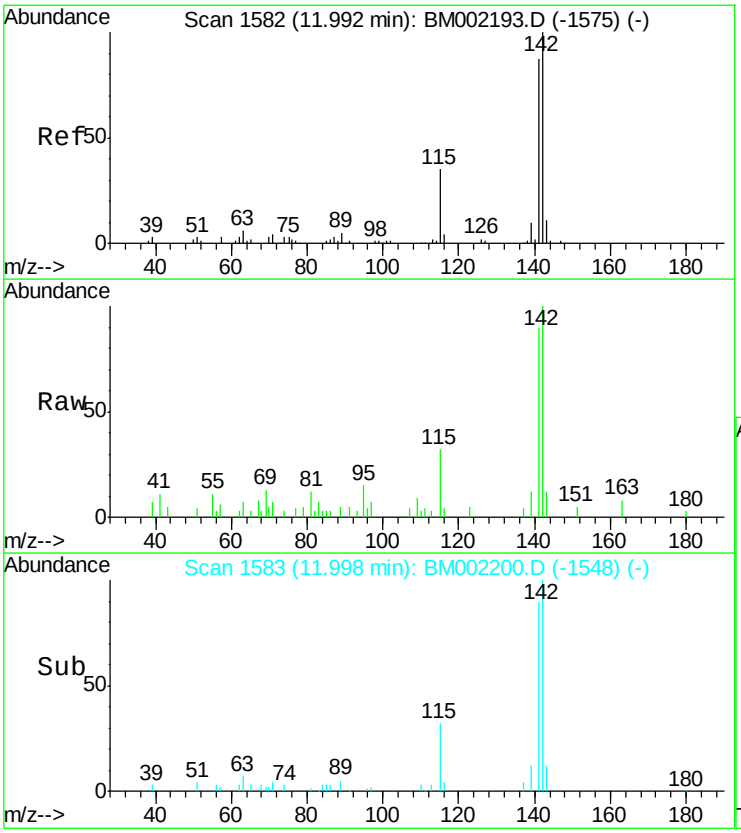
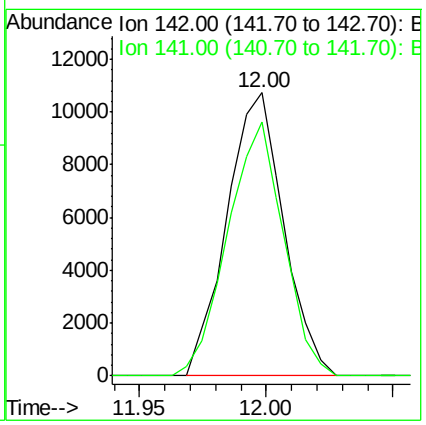
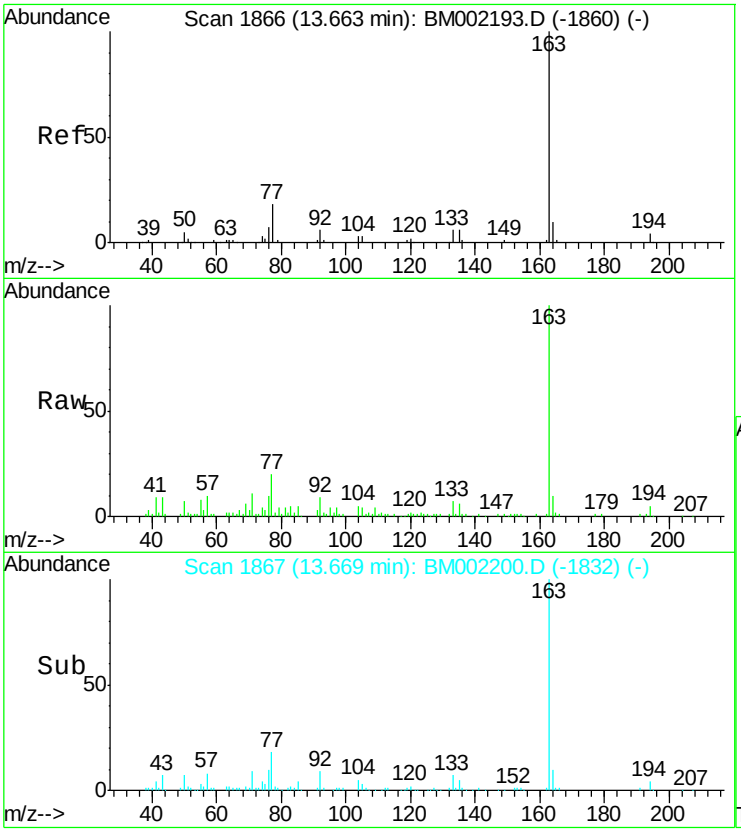


#34
2-Methylnaphthalene
Concen: 1.23 ng/ul
RT: 12.00 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:142 Resp: 16739

Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.8	104.6

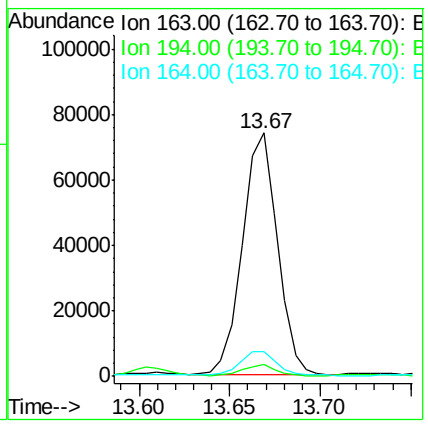




#45
Dimethylphthalate
Concen: 5.40 ng/ul
RT: 13.67 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:163 Resp: 98566

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.4	8.0	12.0



Instrument :
BNA_M
ClientSampleId :
C01Q7

Manual Integrations APPROVED
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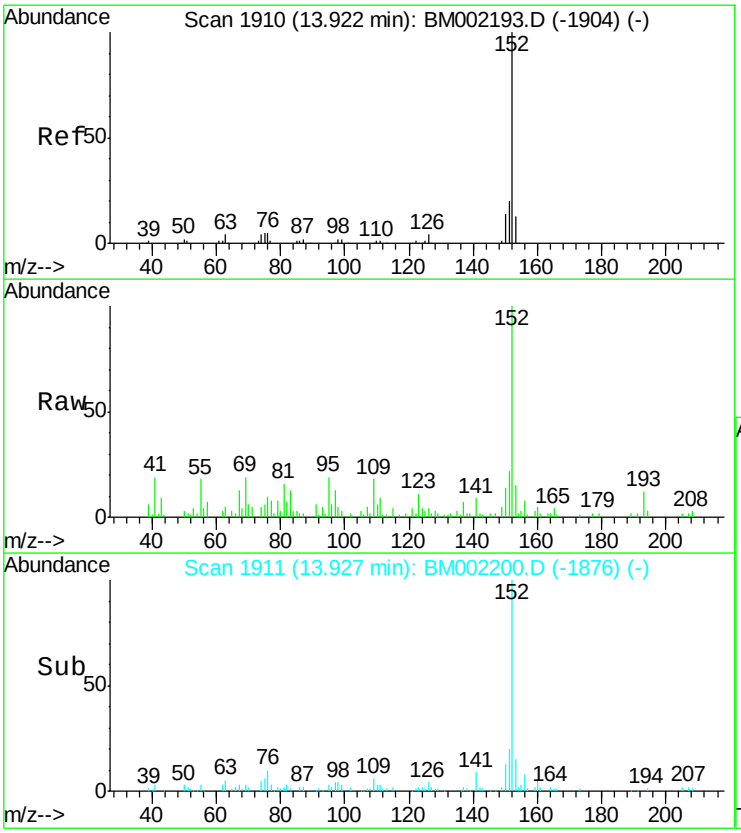
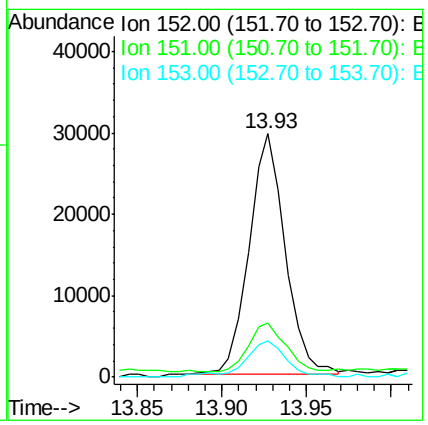
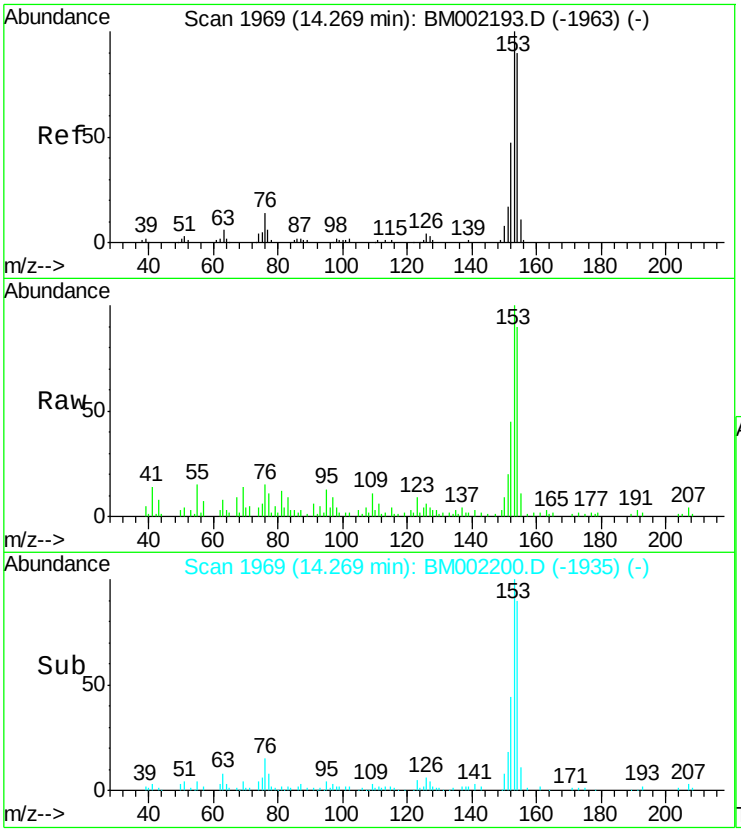


#48
Acenaphthylene
Concen: 1.86 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:152 Resp: 43929

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.6	23.4
153	15.0	10.3	15.5

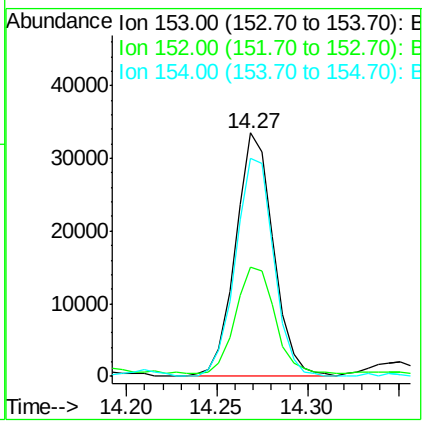




#50
Acenaphthene
Concen: 3.15 ng/ul
RT: 14.27 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:153 Resp: 48693

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.3	55.9
154	89.7	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
C01Q7

Manual Integrations APPROVED
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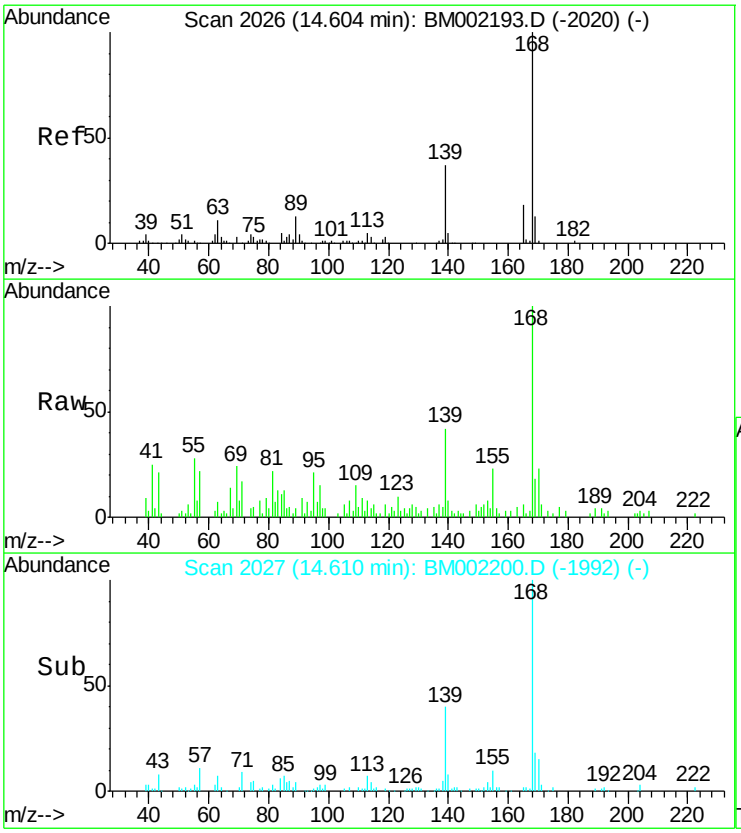
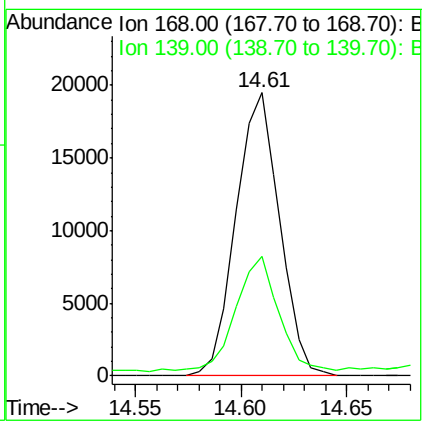
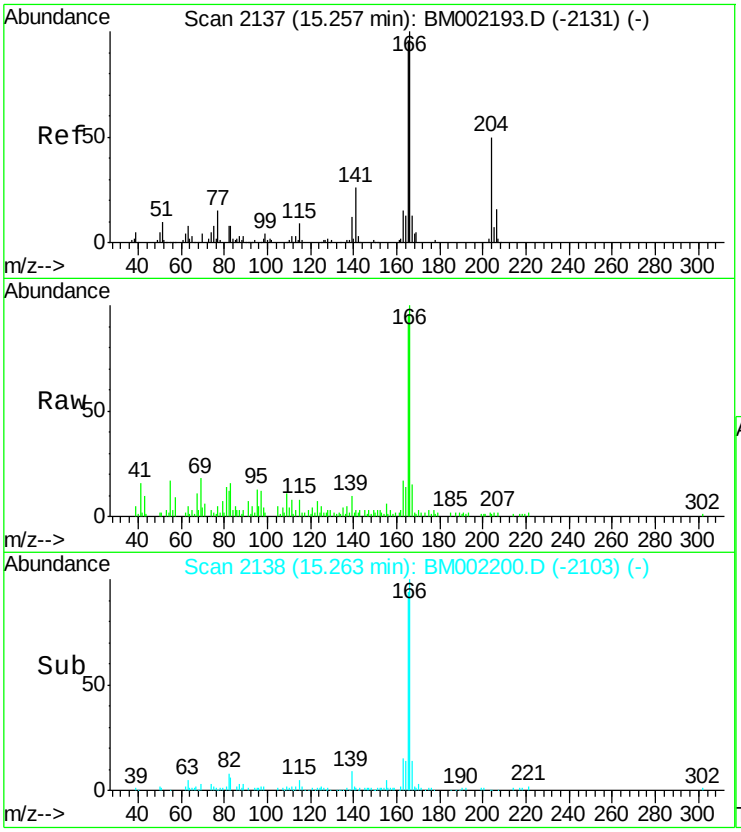


#54
Dibenzofuran
Concen: 1.26 ng/ul
RT: 14.61 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:168 Resp: 27936

Ion	Ratio	Lower	Upper
168	100		
139	42.3	28.2	42.2#

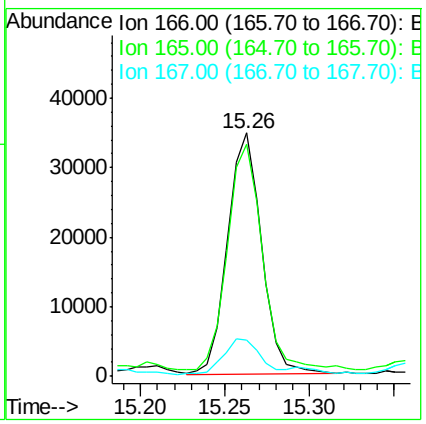




#59
Fluorene
Concen: 2.65 ng/ul
RT: 15.26 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:166 Resp: 48587

Ion	Ratio	Lower	Upper
166	100		
165	95.5	75.6	113.4
167	15.1	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
C01Q7

Manual Integrations APPROVED
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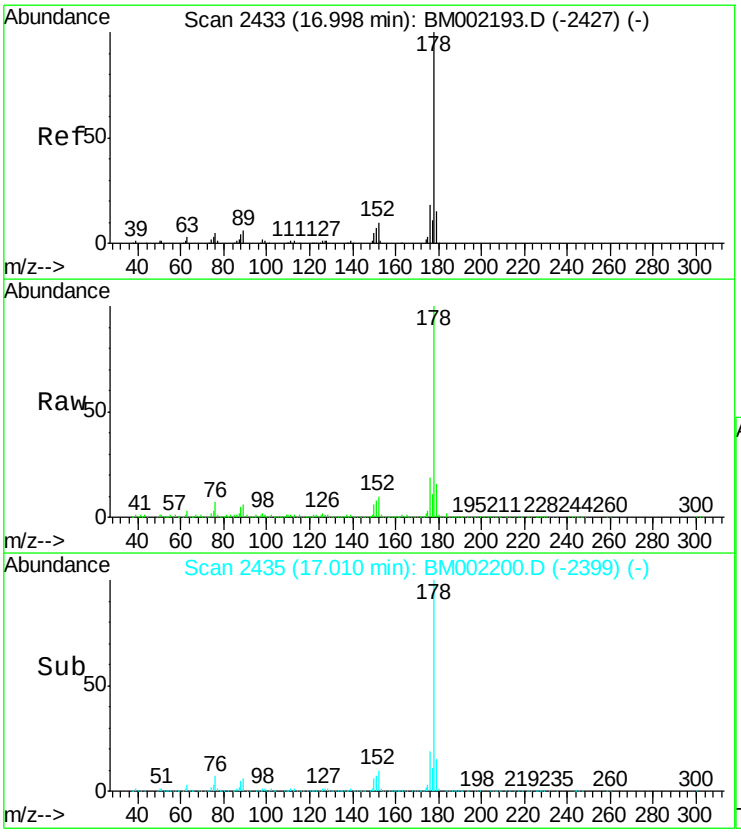
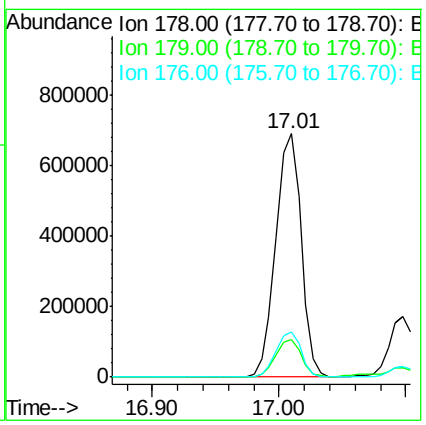
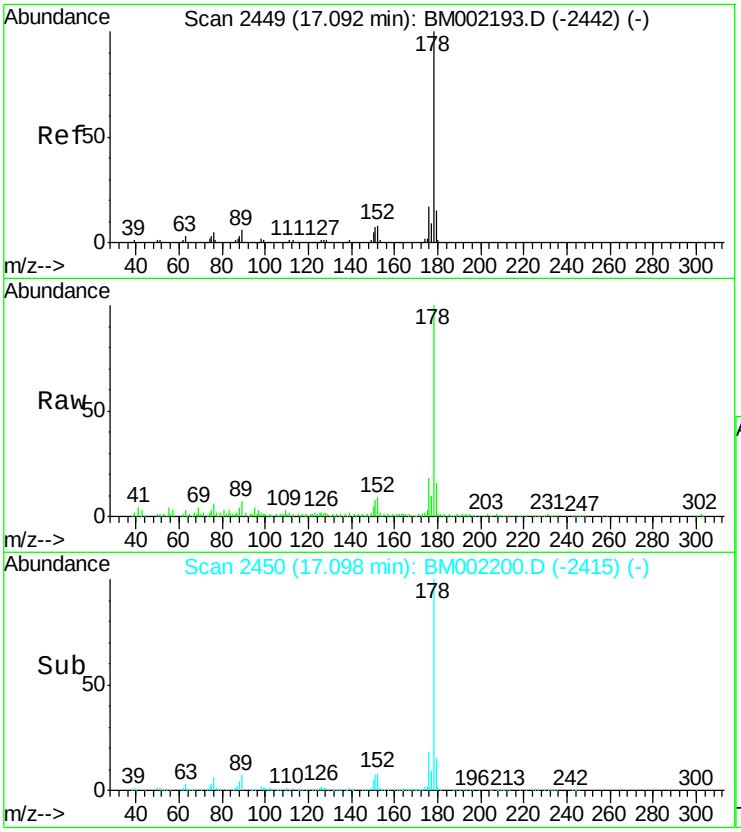


#70
Phenanthrene
Concen: 32.01 ng/ul
RT: 17.01 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:178 Resp: 966824

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.6	14.2	21.4

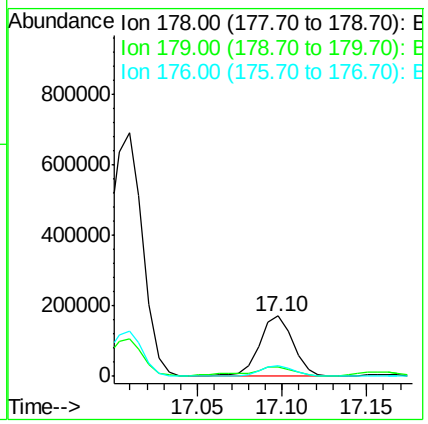




#72
Anthracene
Concen: 7.50 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:178 Resp: 231509

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.0	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
C01Q7

Manual Integrations APPROVED
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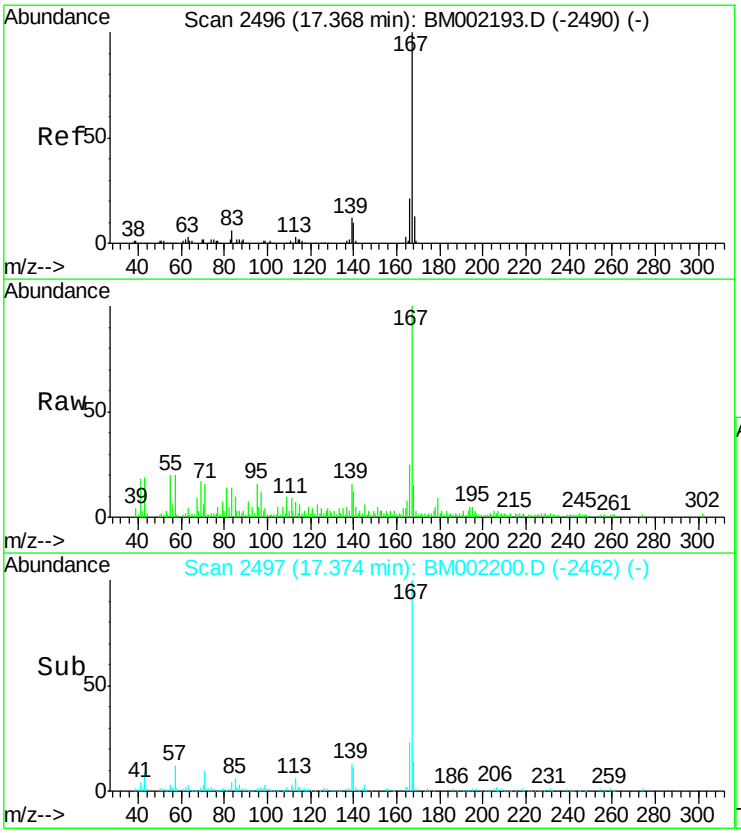
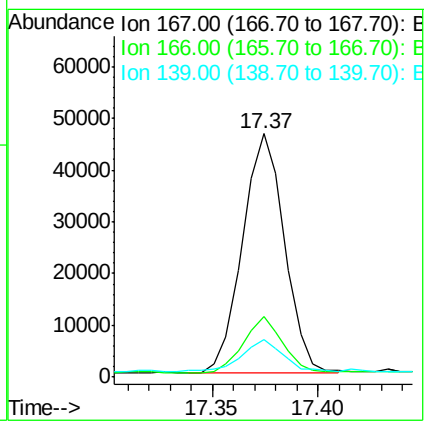
8/6/2015 4:15:41 PM

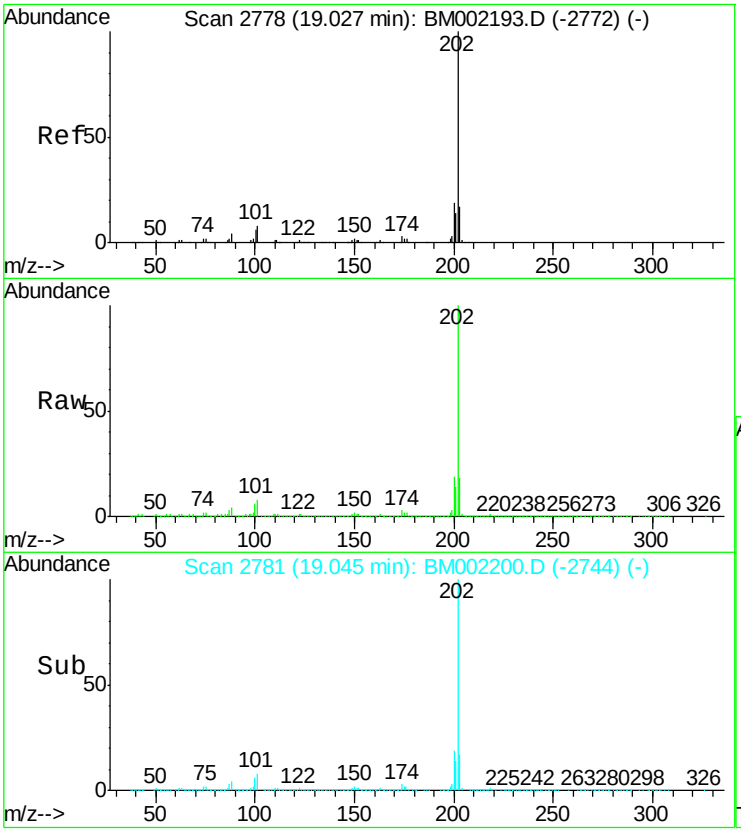


#75
Carbazole
Concen: 2.42 ng/ul
RT: 17.37 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:167 Resp: 63709

Ion	Ratio	Lower	Upper
167	100		
166	24.7	16.2	24.4#
139	15.5	9.6	14.4#

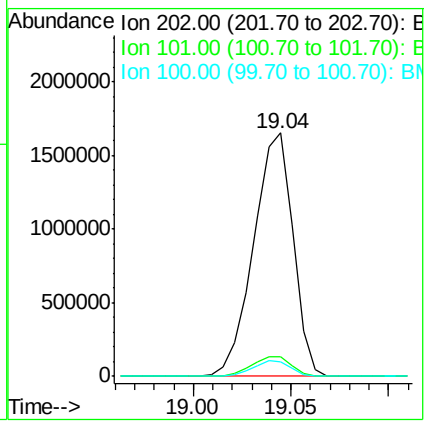




#77
Fluoranthene
Concen: 66.34 ng/ul
RT: 19.04 min Scan# 2781
Delta R.T. 0.02 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:202 Resp: 2313620

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.4
100	6.1	5.2	7.8



Instrument :
BNA_M
ClientSampleId :
C01Q7

Manual Integrations APPROVED
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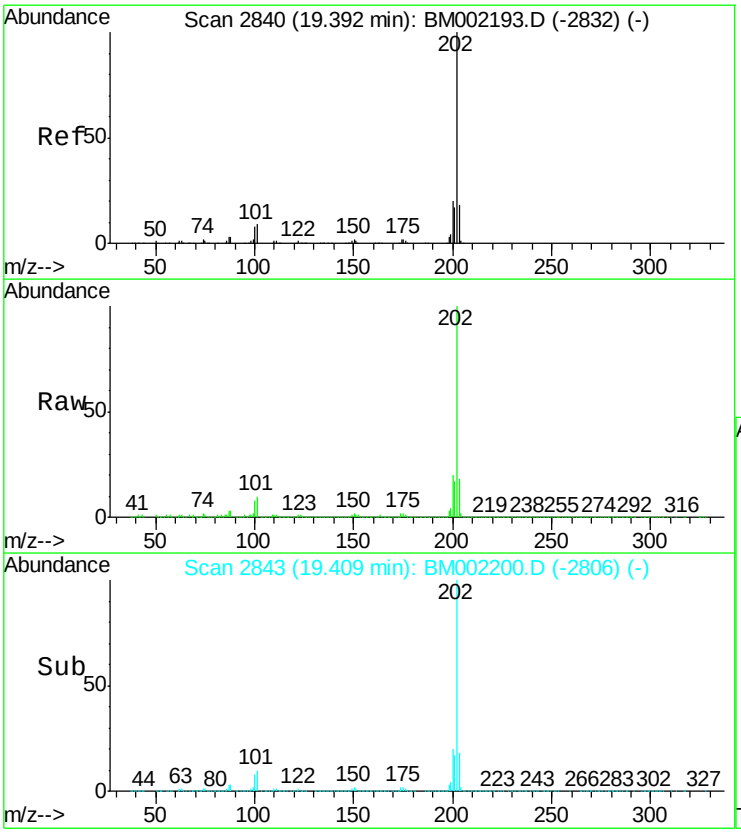
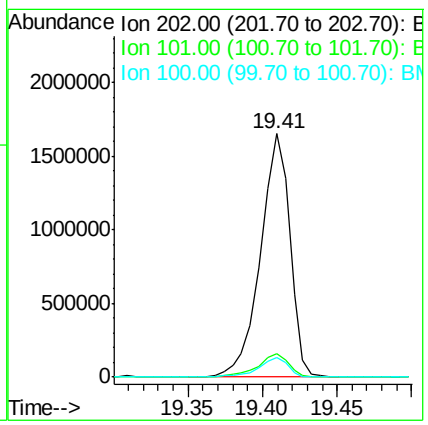
8/6/2015 4:15:41 PM

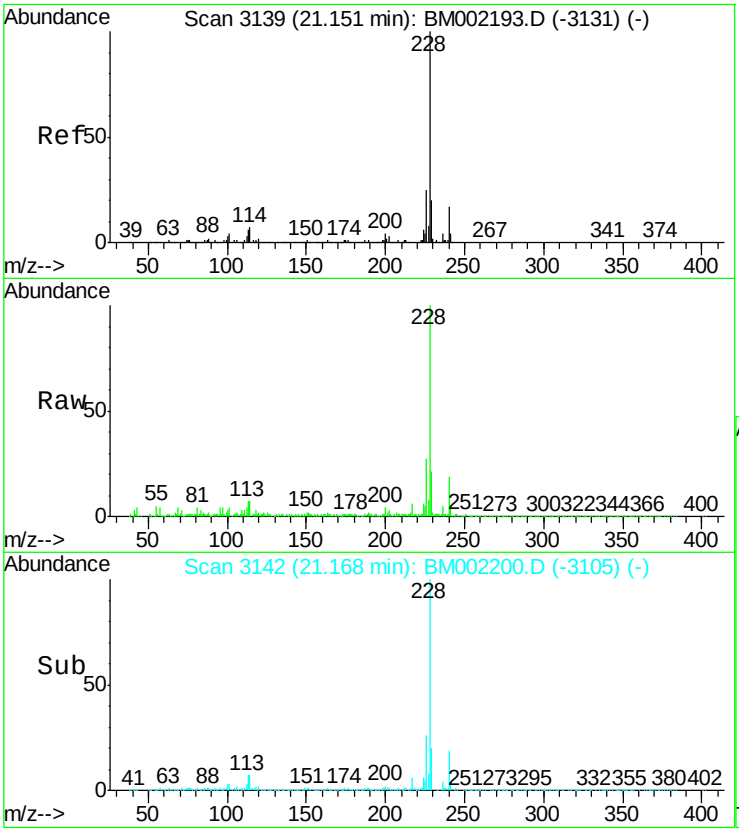


#80
Pyrene
Concen: 68.94 ng/ul
RT: 19.41 min Scan# 2843
Delta R.T. 0.02 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:202 Resp: 2244369

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.4	11.2
100	8.0	6.3	9.5

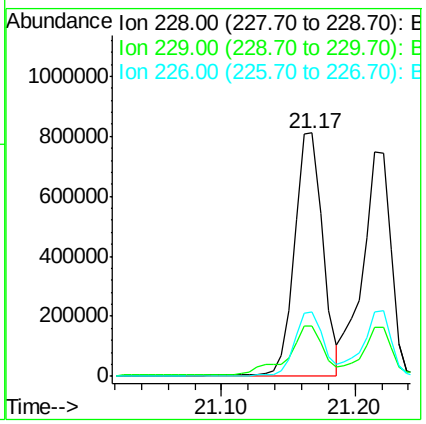




#83
Benzo(a)anthracene
Concen: 35.33 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. 0.02 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

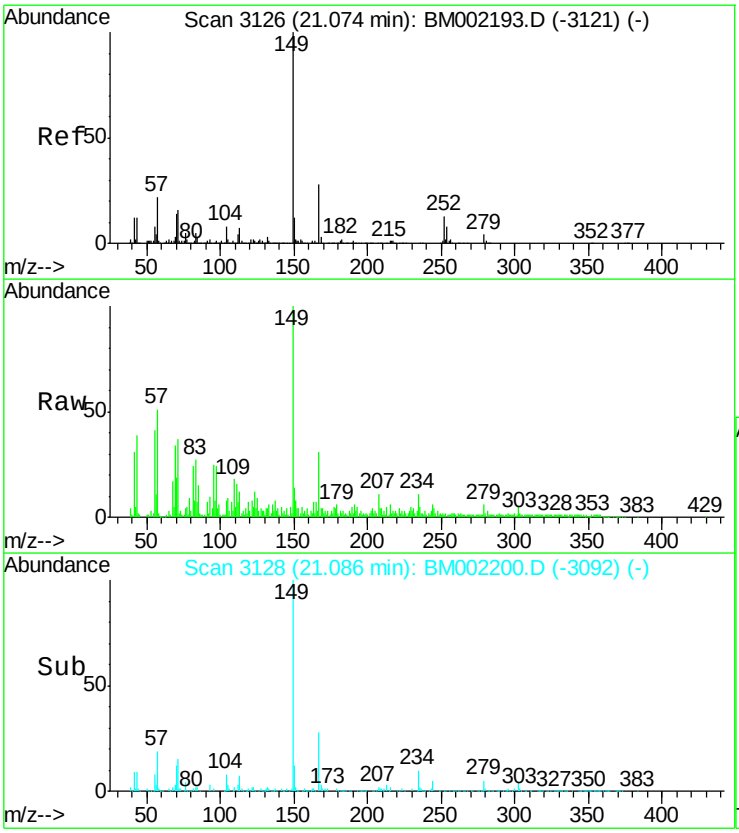
Tgt Ion:228 Resp: 1171843

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	26.6	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
C01Q7

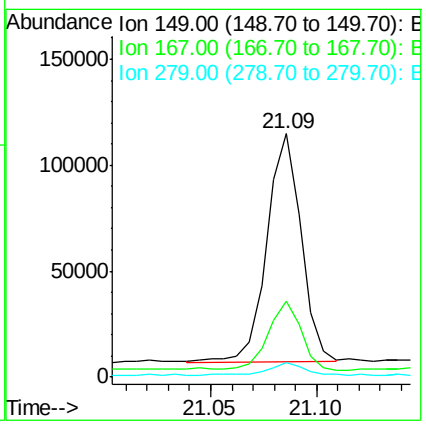
Manual Integrations APPROVED
MMDadoda
8/6/2015 4:15:41 PM

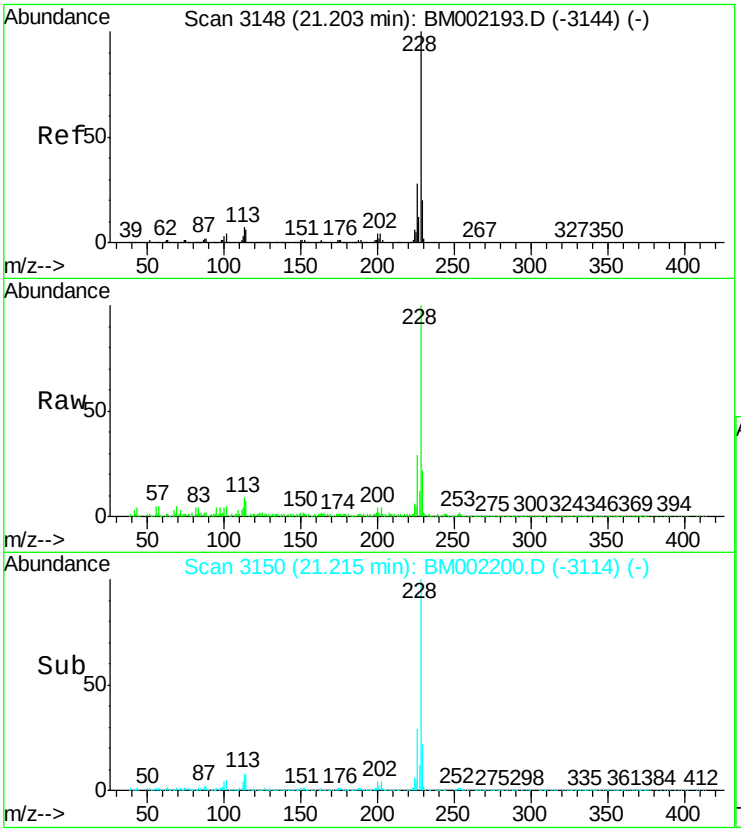


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.38 ng/ul
RT: 21.09 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:149 Resp: 121511

Ion	Ratio	Lower	Upper
149	100		
167	31.1	23.6	35.4
279	6.1	4.2	6.4

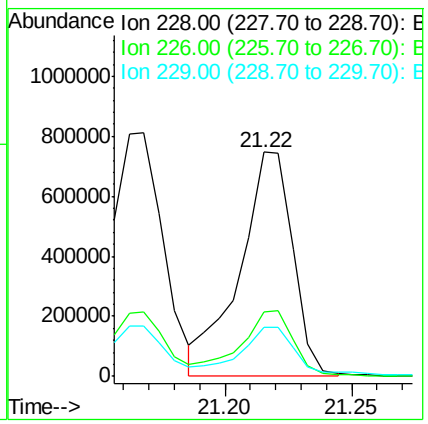




#85
Chrysene
Concen: 35.03 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:228 Resp: 1086818

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	22.1	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
C01Q7

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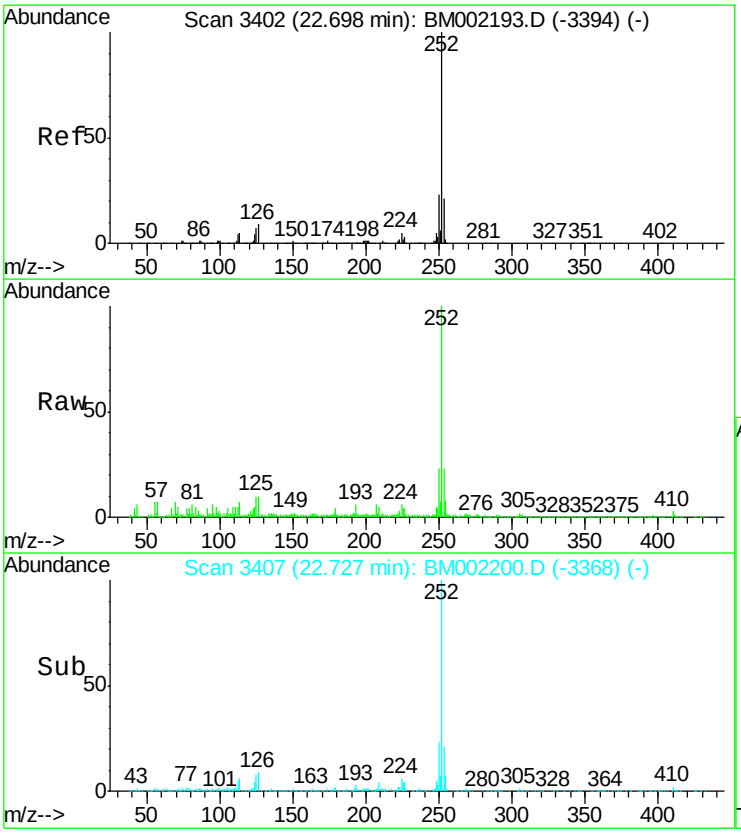
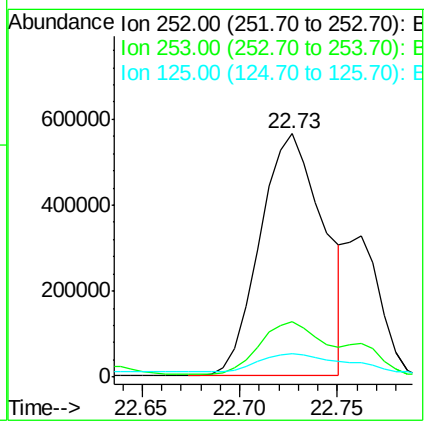
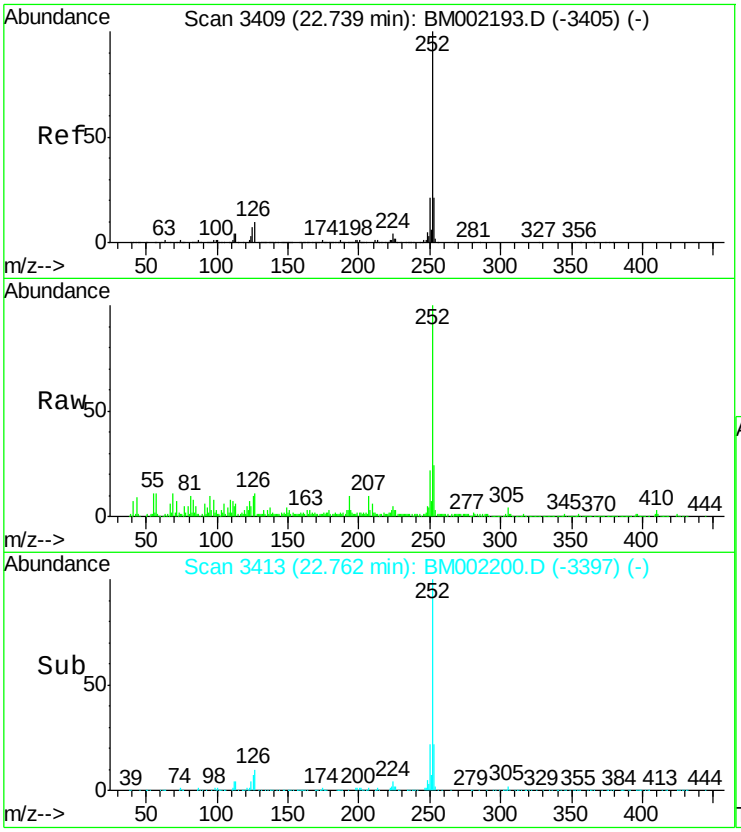


#88
Benzo(b)fluoranthene
Concen: 42.65 ng/ul
RT: 22.73 min Scan# 3407
Delta R.T. 0.03 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:252 Resp: 1273827

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.9	25.3
125	9.6	6.2	9.2#

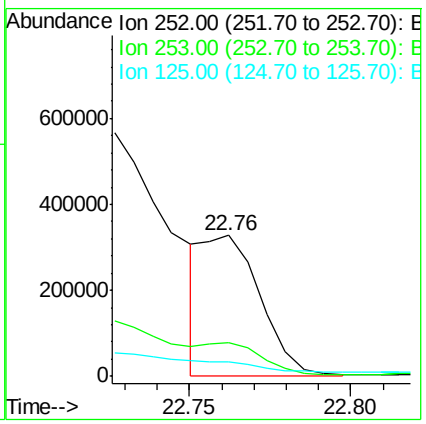




#89
Benzo(k)fluoranthene
Concen: 13.91 ng/ul m
RT: 22.76 min Scan# 3413
Delta R.T. 0.02 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:252 Resp: 400956

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.3	6.2	9.4#



Instrument :
BNA_M
ClientSampleId :
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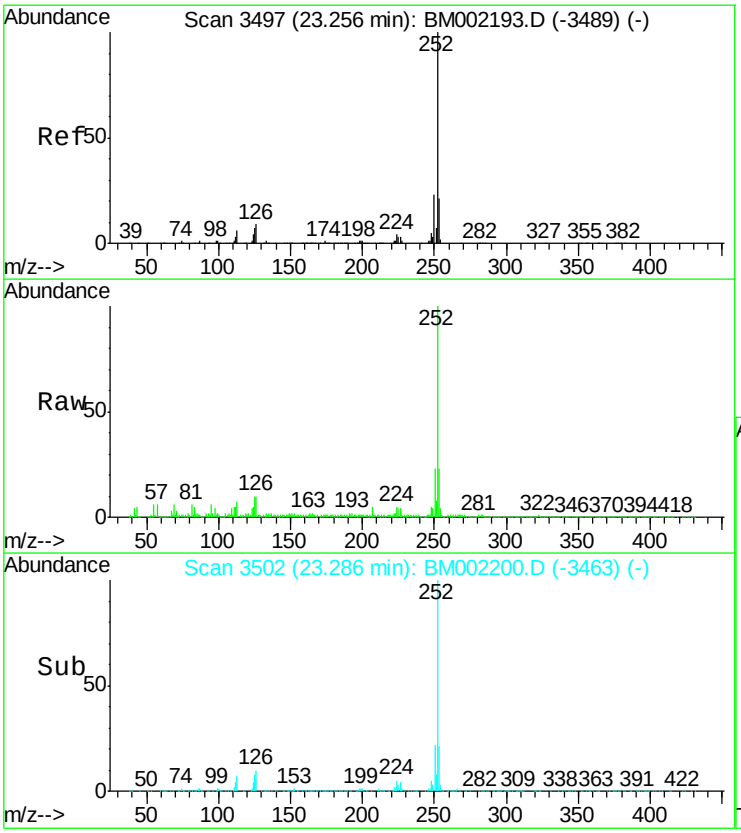
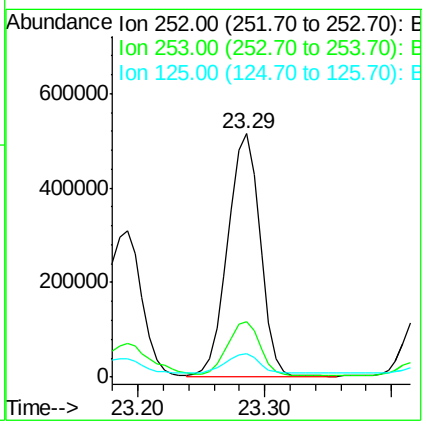
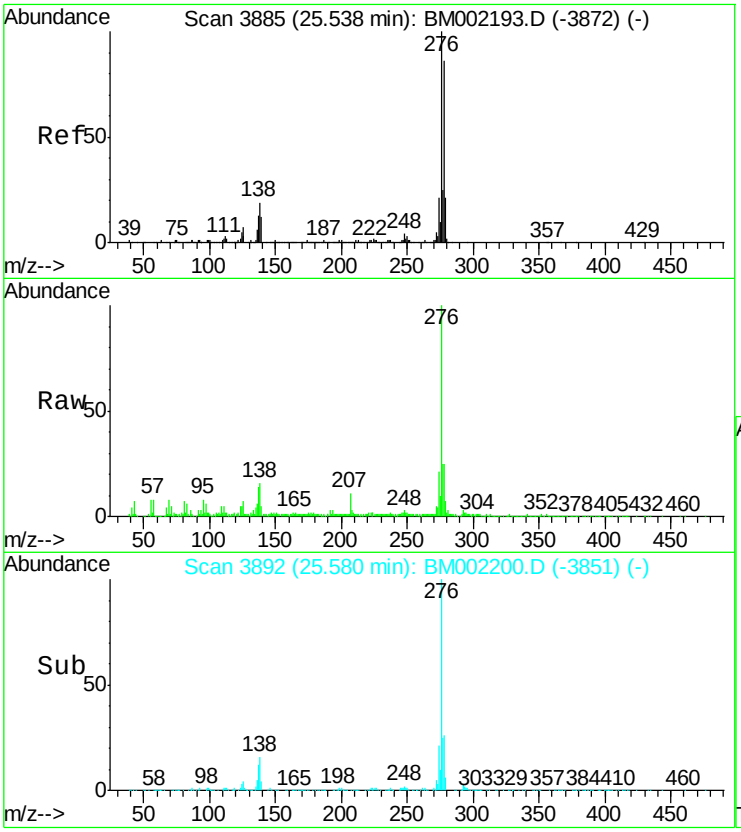


#91
Benzo(a)pyrene
Concen: 31.32 ng/ul
RT: 23.29 min Scan# 3502
Delta R.T. 0.03 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:252 Resp: 902953

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.6	6.6	10.0

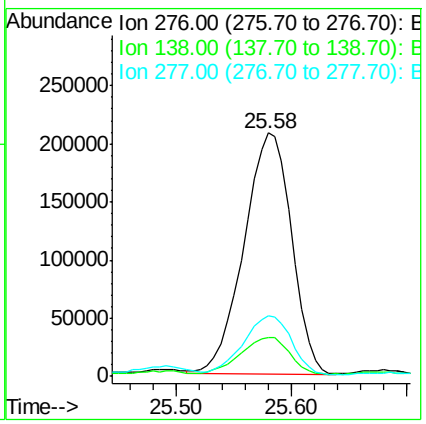




#92
Indeno(1,2,3-cd)pyrene
Concen: 17.91 ng/ul
RT: 25.58 min Scan# 3892
Delta R.T. 0.04 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:276 Resp: 594984

Ion	Ratio	Lower	Upper
276	100		
138	16.2	16.2	24.2
277	25.0	19.8	29.8



Instrument :
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ClientSampleId :
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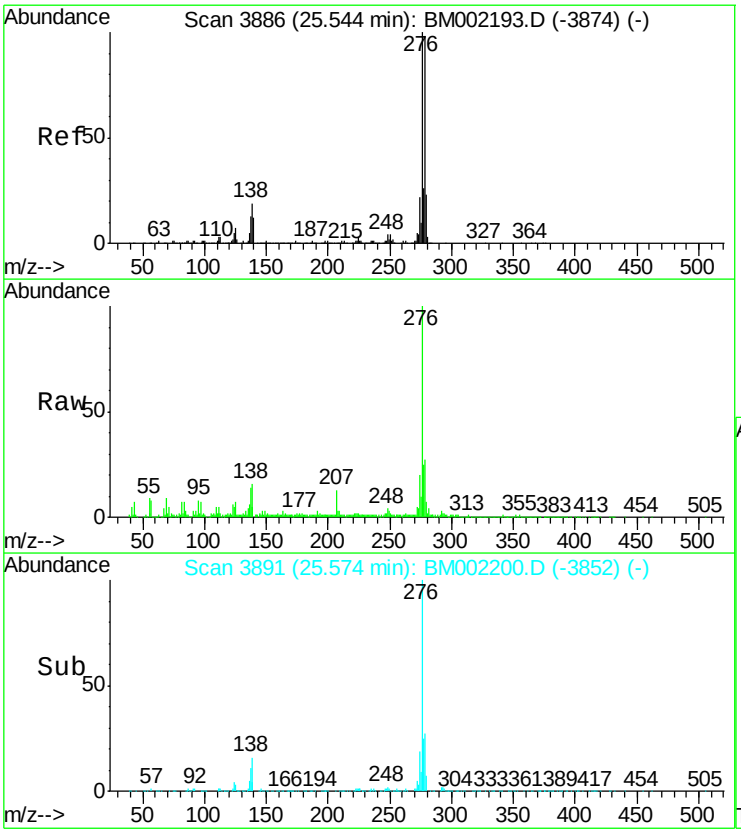
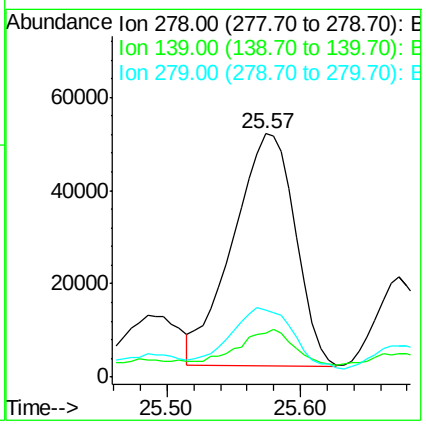
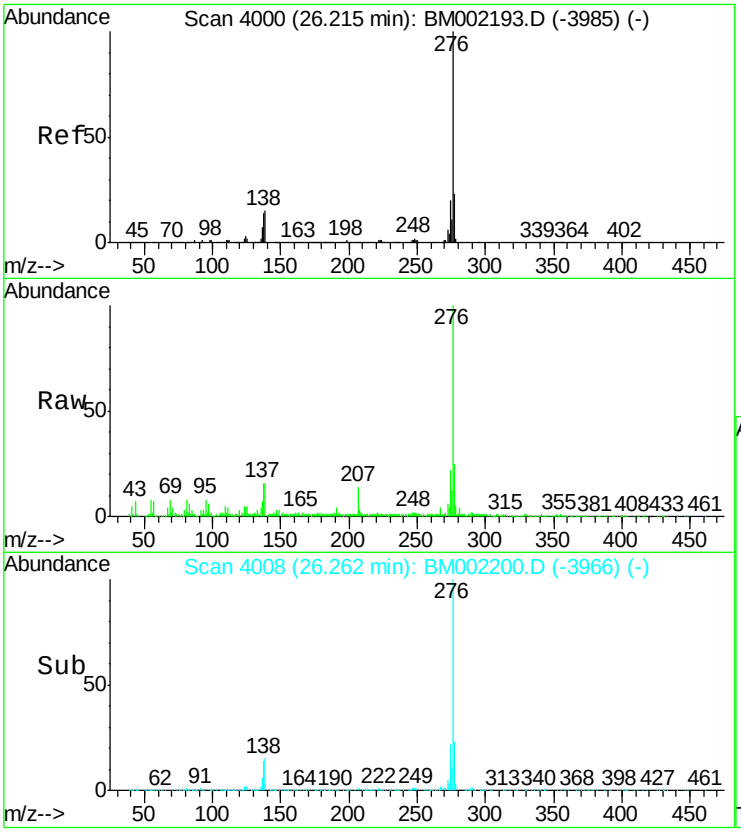


#93
Dibenzo(a,h)anthracene
Concen: 5.69 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:278 Resp: 161851

Ion	Ratio	Lower	Upper
278	100		
139	17.9	10.6	16.0#
279	27.7	18.5	27.7

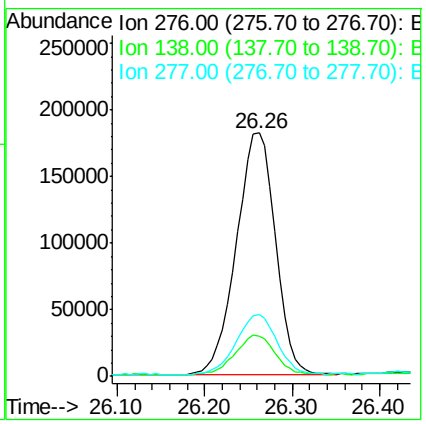




#94
Benzo(g,h,i)perylene
Concen: 19.73 ng/ul
RT: 26.26 min Scan# 4008
Delta R.T. 0.05 min
Lab File: BM002200.D
Acq: 03 Aug 2015 16:44

Tgt Ion:276 Resp: 549498

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.8	20.6
277	25.5	18.2	27.2



Instrument :
BNA_M
ClientSampleId :
C01Q7

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