Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

Manual Integrations APPROVED
MMDadoda
8/3/2015 4:45:10 PM

Quant Time: Aug 03 04:40:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 02:05:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	97980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	427369	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	259644	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	579056	20.00	ng/ul	0.01
78) Chrysene-d12	21.19	240	569501	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	510659	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	1900	1.00	ng/uL	0.00
5) Phenol-d5	6.75	99	55448	7.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	29160	7.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	46230	7.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	46341	8.32	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	23021	7.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	22240	6.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	49049	7.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	51626	7.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	148162	7.79	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	183076	7.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	8125	2.56	ng/ul	0.02
58) Fluorene-d10	15.23	176	129777	7.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.08	188	196407	7.60	ng/ul	0.00
79) Pyrene-d10	19.39	212	205577	8.57	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.25	264	179377	7.25	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.40	128	42517	2.09	ng/ul	98
45) Dimethylphthalate	13.69	163	45778	2.41	ng/ul	98
48) Acenaphthylene	13.95	152	82059	3.34	ng/ul	98
50) Acenaphthene	14.29	153	61643	3.83	ng/ul	99
54) Dibenzofuran	14.63	168	37631	1.63	ng/ul	96
59) Fluorene	15.28	166	65346	3.43	ng/ul	99
70) Phenanthrene	17.03	178	1231179	41.05	ng/ul	99
72) Anthracene	17.12	178	342044	11.16	ng/ul	99
75) Carbazole	17.39	167	80274	3.07	ng/ul	99
77) Fluoranthene	19.06	202	3233857	93.38	ng/ul	98
80) Pyrene	19.43	202	2878622	92.89	ng/ul	99
83) Benzo(a)anthracene	21.18	228	1531888	48.52	ng/ul	98
85) Chrysene	21.23	228	1384995	46.89	ng/ul	97
88) Benzo(b)fluoranthene	22.74	252	1686271	58.77	ng/ul	97
89) Benzo(k)fluoranthene	22.77	252	559203m	20.20	ng/ul	
91) Benzo(a)pyrene	23.30	252	1222762	44.15	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.61	276	776128	24.32	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.60	278	203639	7.46	ng/ul#	85
94) Benzo(g,h,i)perylene	26.29	276	709041	26.50	ng/ul	96

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
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Operator : TP
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 03 04:40:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 02:05:53 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01S3

Manual Integrations APPROVED
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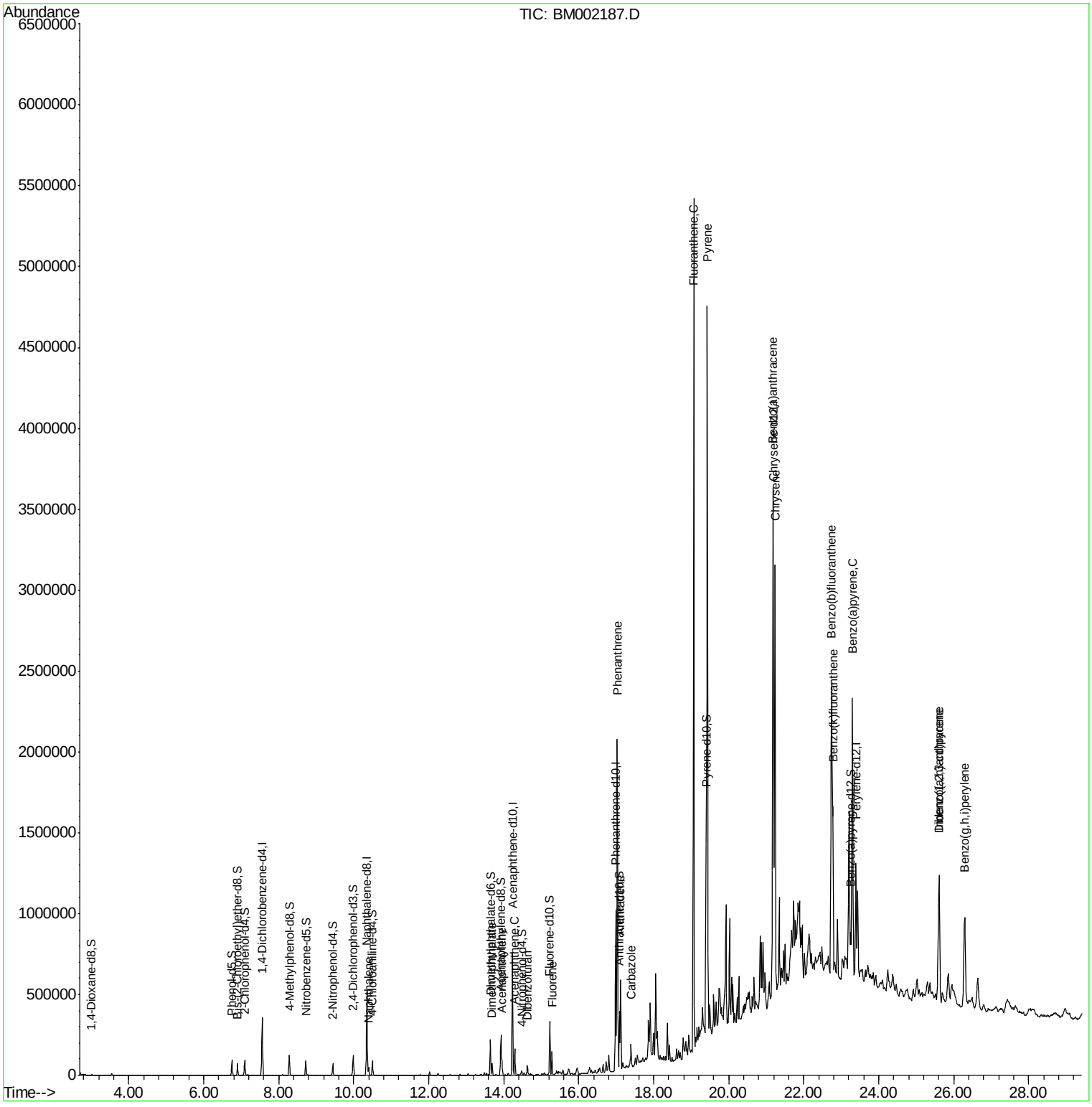
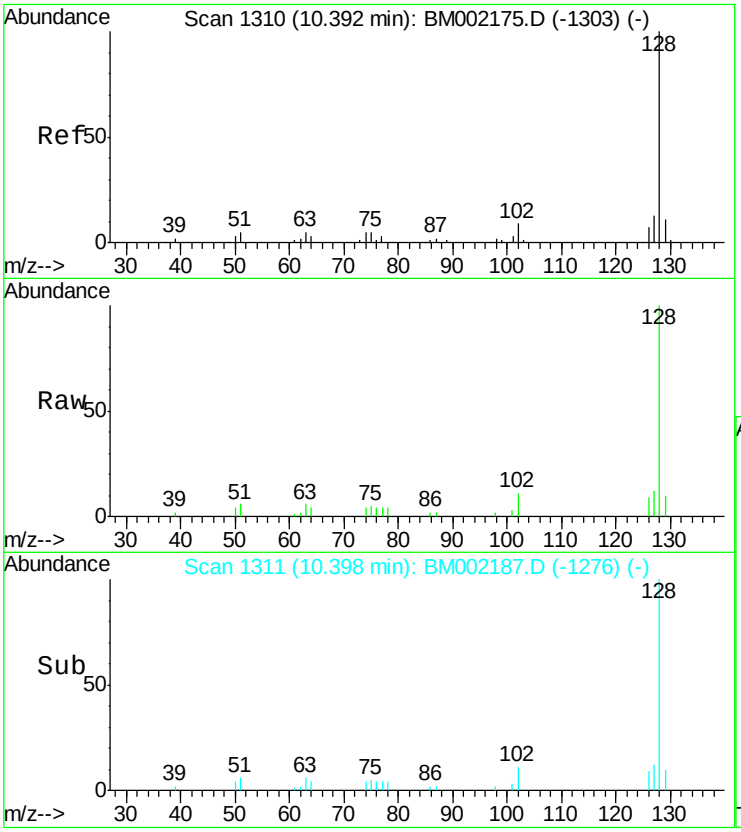
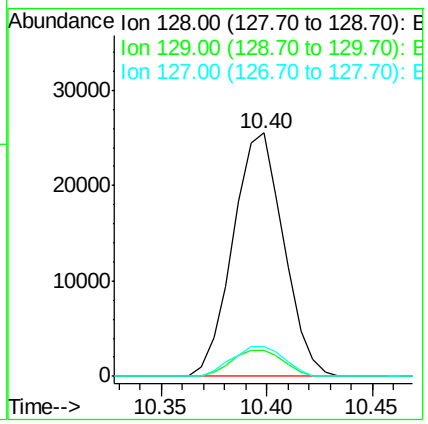




#28
Naphthalene
Concen: 2.09 ng/ul
RT: 10.40 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:128 Resp: 42517

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	12.3	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
C01S3

Manual Integrations APPROVED
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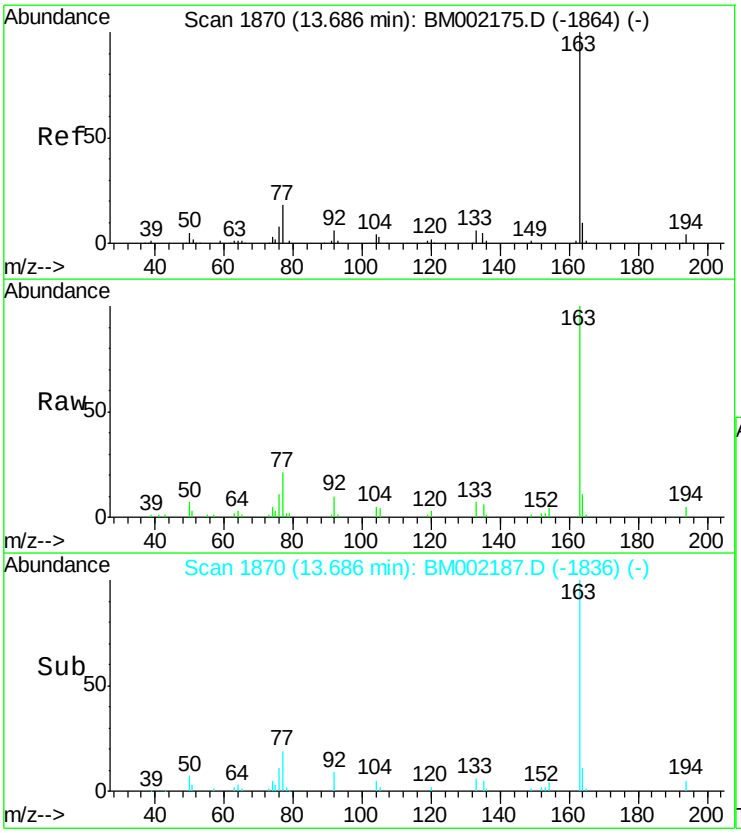
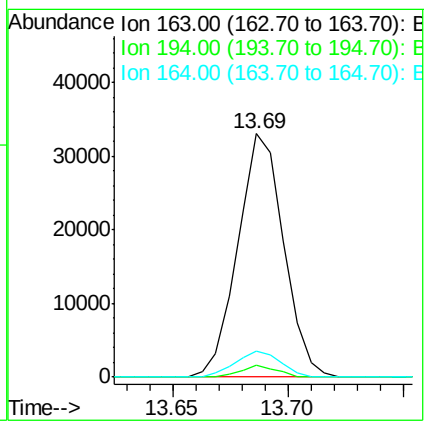
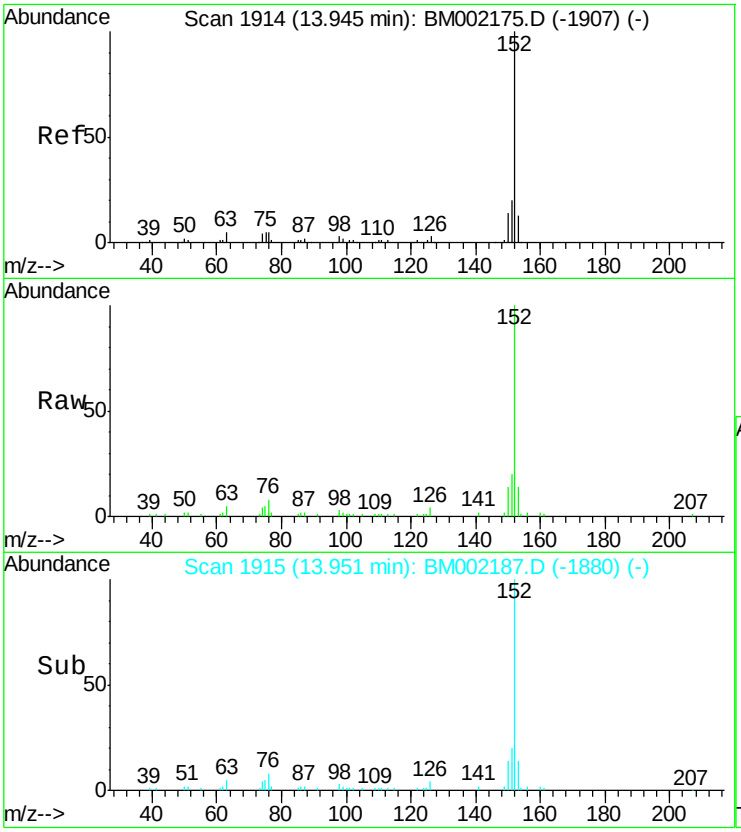


#45
Dimethylphthalate
Concen: 2.41 ng/ul
RT: 13.69 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:163 Resp: 45778

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.9	8.0	12.0

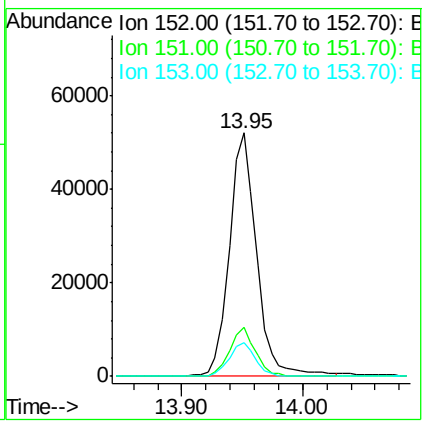




#48
Acenaphthylene
Concen: 3.34 ng/ul
RT: 13.95 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:152 Resp: 82059

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
C01S3

Manual Integrations APPROVED
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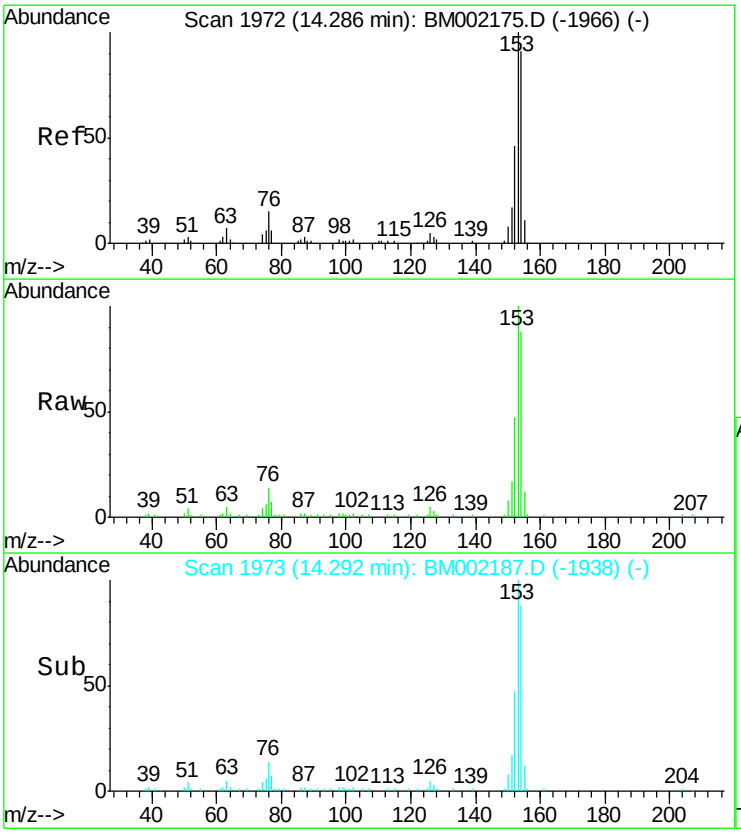
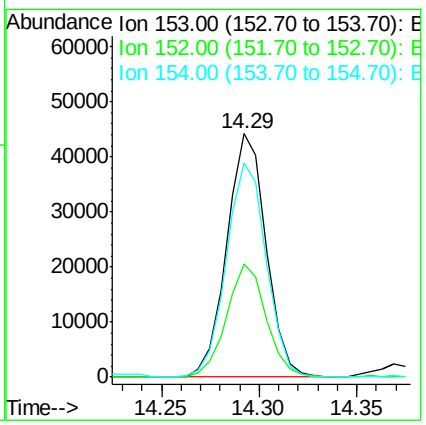
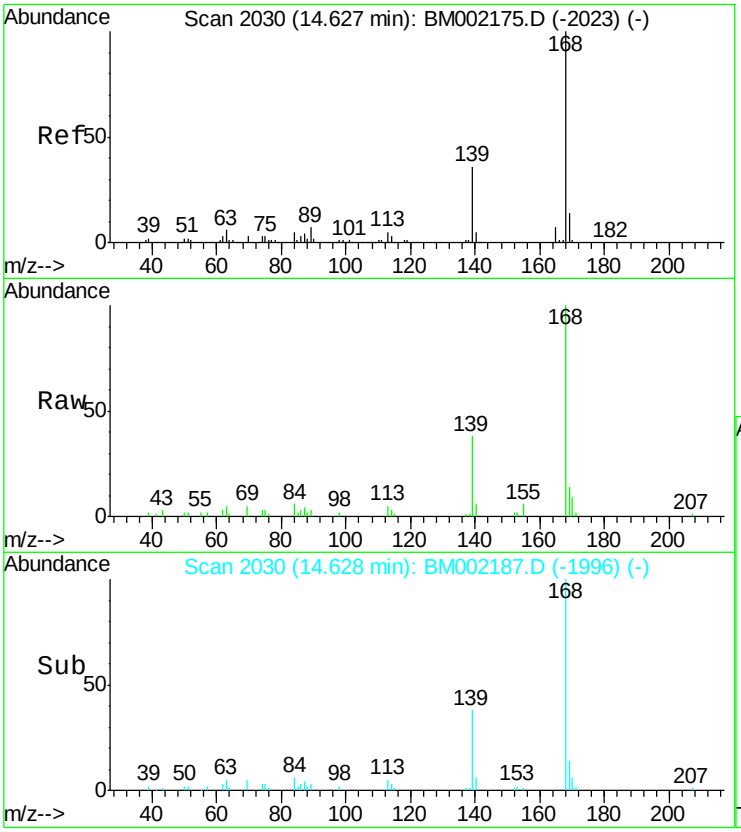


#50
Acenaphthene
Concen: 3.83 ng/ul
RT: 14.29 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:153 Resp: 61643

Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.3	55.9
154	88.1	71.4	107.2





#54
Dibenzofuran
Concen: 1.63 ng/ul
RT: 14.63 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:168 Resp: 37631

Ion	Ratio	Lower	Upper
168	100		
139	37.5	28.2	42.2

Instrument :
BNA_M
ClientSampleId :
C01S3

Manual Integrations APPROVED
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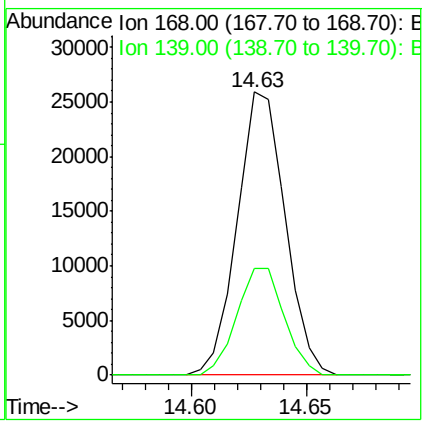
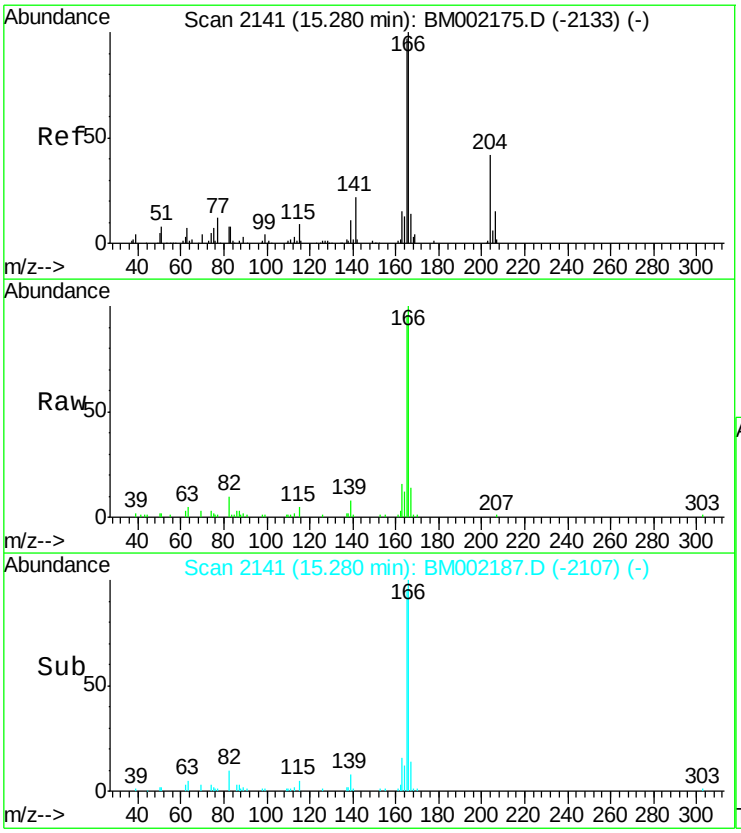
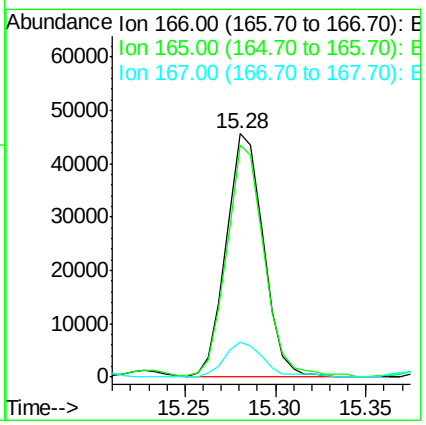


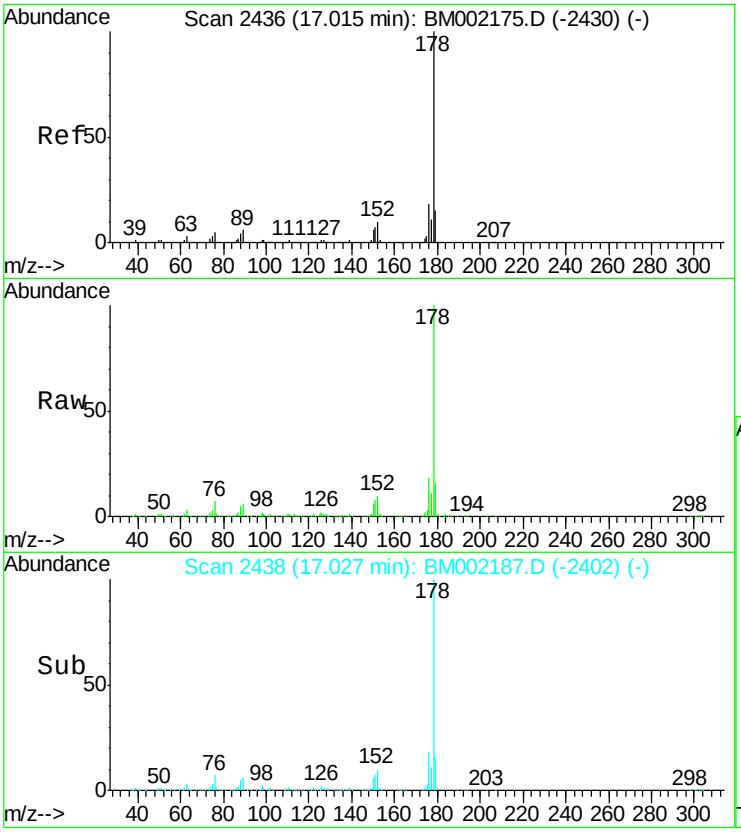


#59
Fluorene
Concen: 3.43 ng/ul
RT: 15.28 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:166 Resp: 65346

Ion	Ratio	Lower	Upper
166	100		
165	95.6	75.6	113.4
167	14.5	10.5	15.7

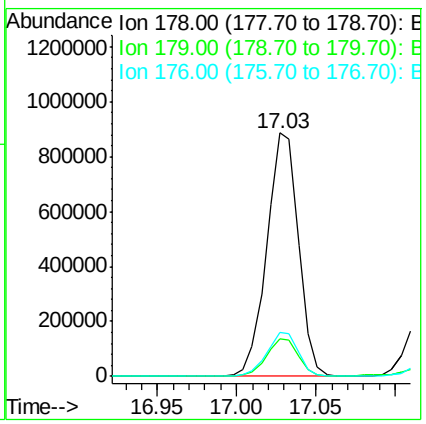




#70
Phenanthrene
Concen: 41.05 ng/ul
RT: 17.03 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:178 Resp: 1231179

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.3	14.2	21.4



Instrument :
BNA_M
ClientSampleId :
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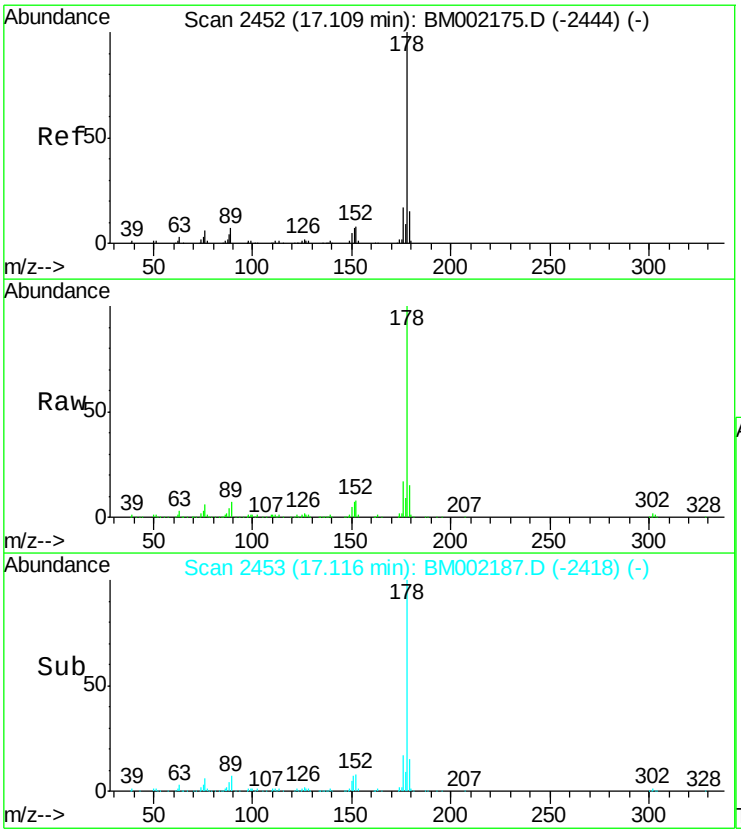
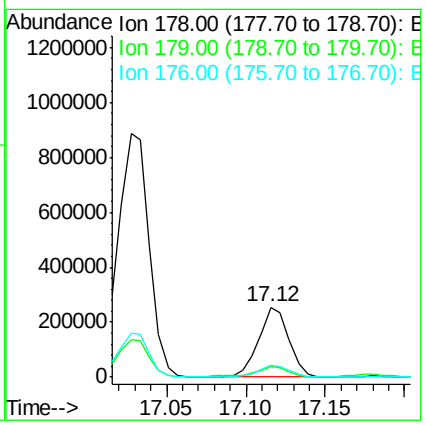
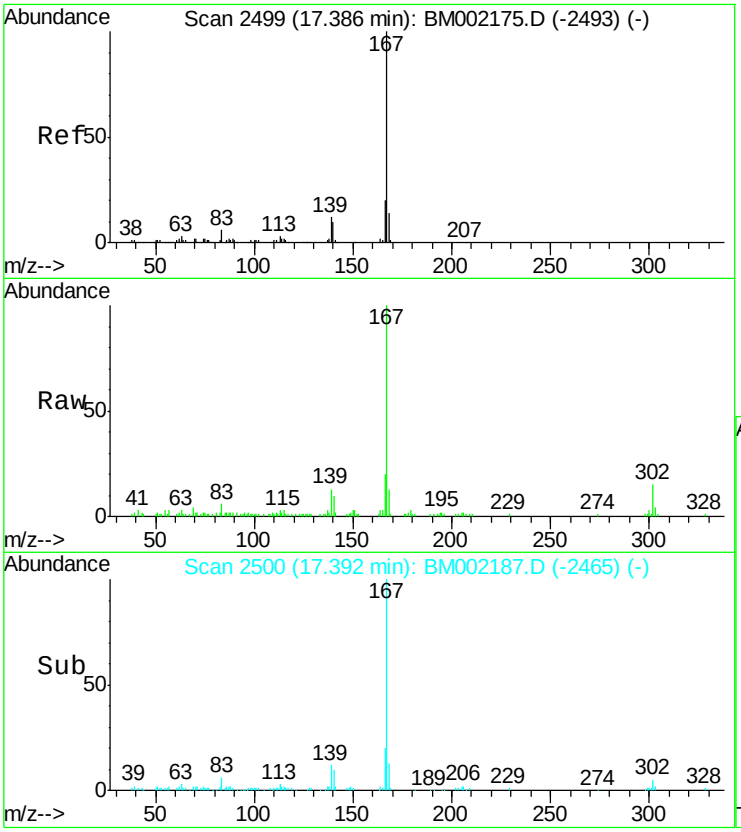


#72
Anthracene
Concen: 11.16 ng/ul
RT: 17.12 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:178 Resp: 342044

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	17.0	14.1	21.1

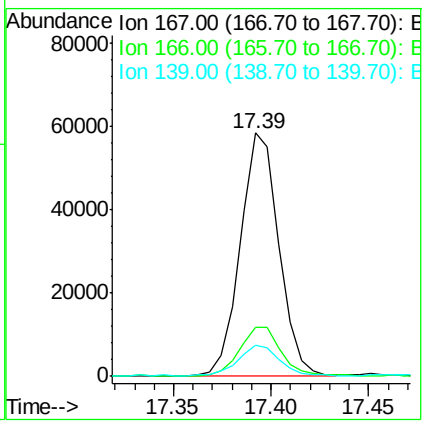




#75
Carbazole
Concen: 3.07 ng/ul
RT: 17.39 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:167 Resp: 80274

Ion	Ratio	Lower	Upper
167	100		
166	20.3	16.2	24.4
139	12.8	9.6	14.4



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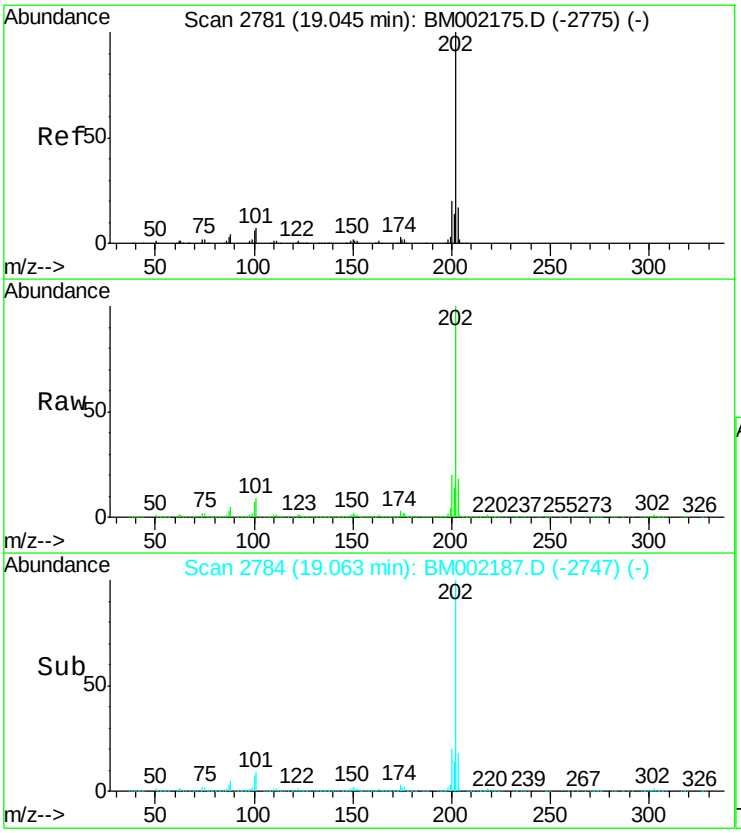
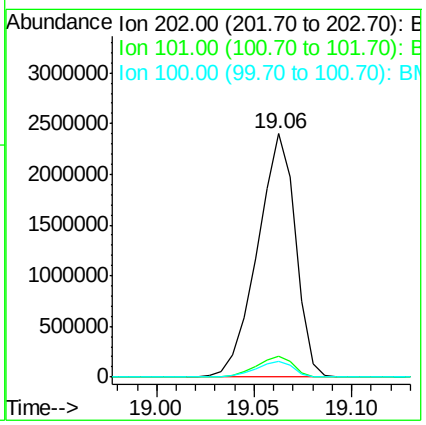
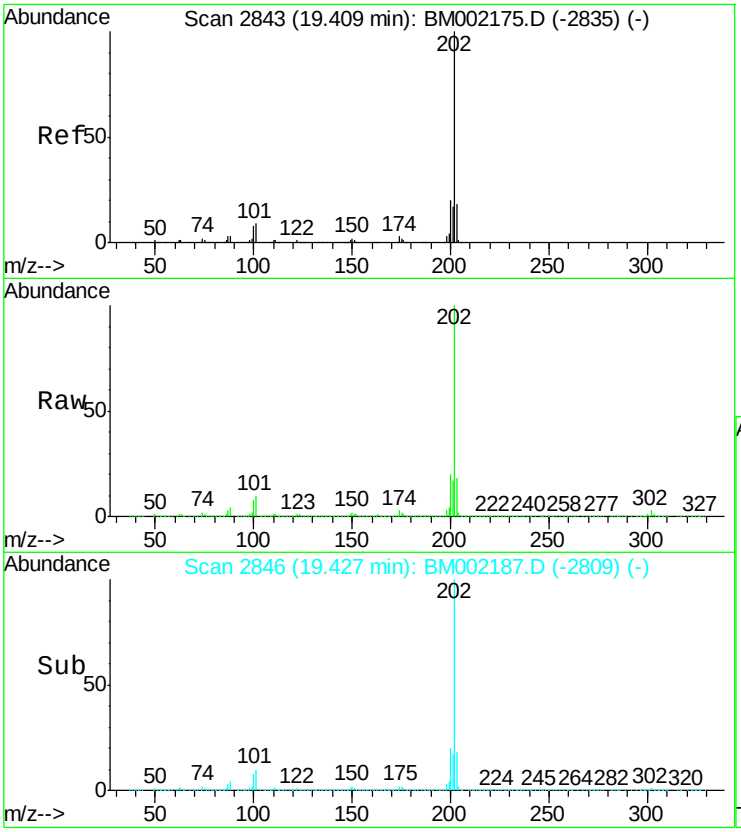


#77
Fluoranthene
Concen: 93.38 ng/ul
RT: 19.06 min Scan# 2784
Delta R.T. 0.02 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:202 Resp: 3233857

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.2	9.4
100	6.7	5.2	7.8

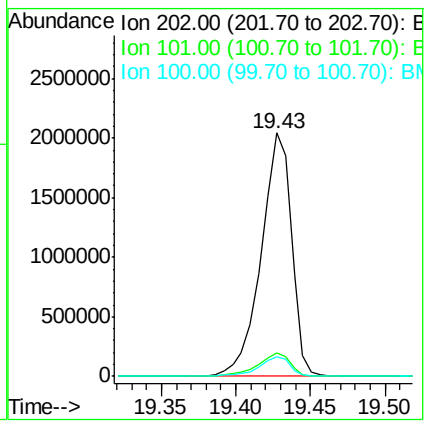




#80
Pyrene
Concen: 92.89 ng/ul
RT: 19.43 min Scan# 2846
Delta R.T. 0.02 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:202 Resp: 2878622

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.4	11.2
100	8.3	6.3	9.5



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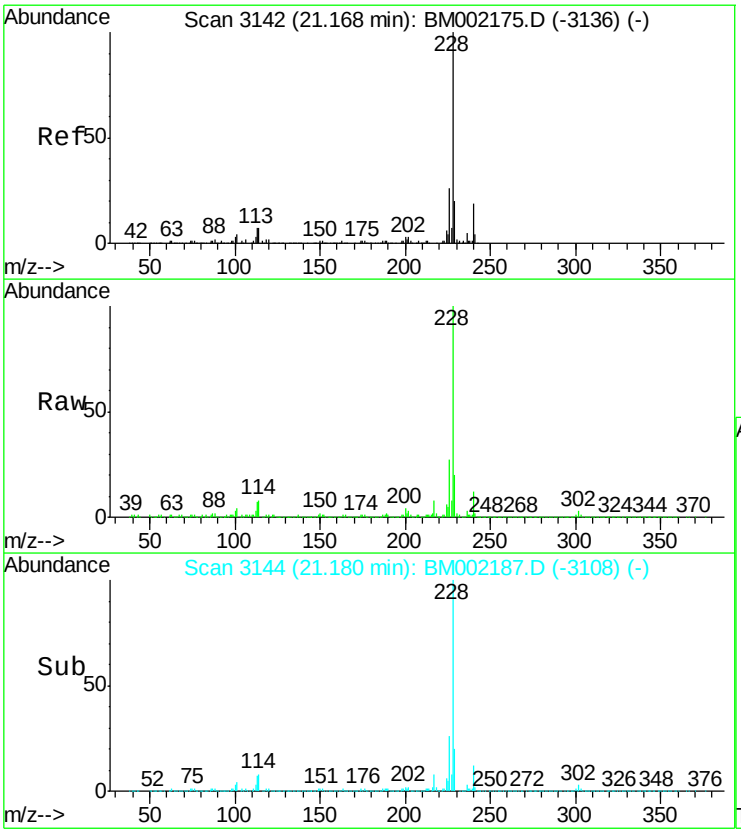
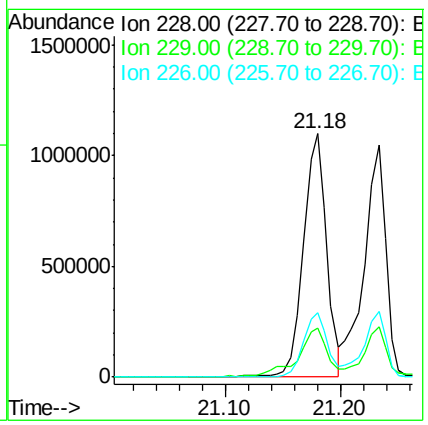
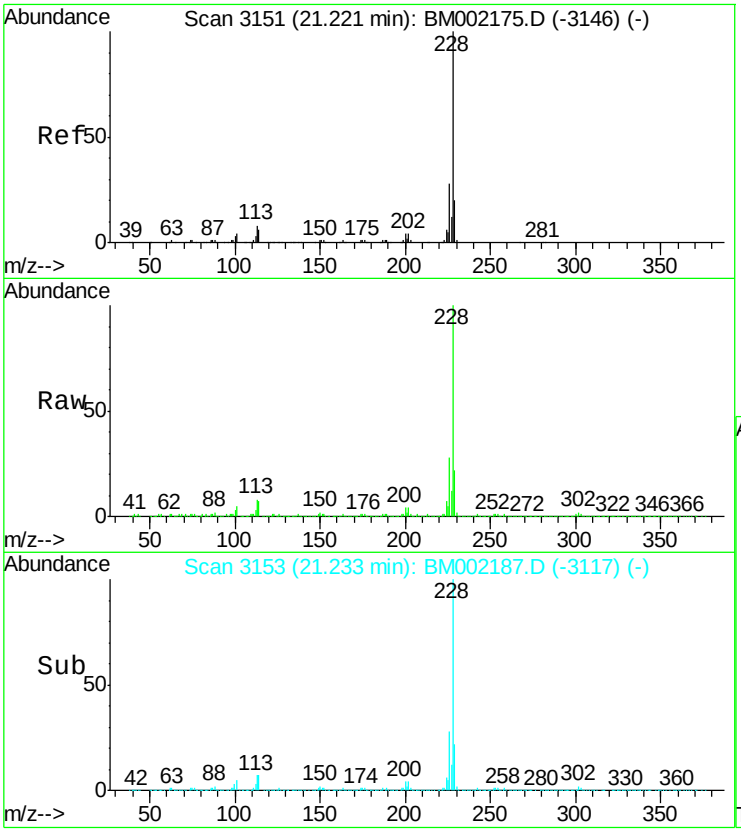


#83
Benzo(a)anthracene
Concen: 48.52 ng/ul
RT: 21.18 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:228 Resp: 1531888

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.2
226	26.6	20.5	30.7

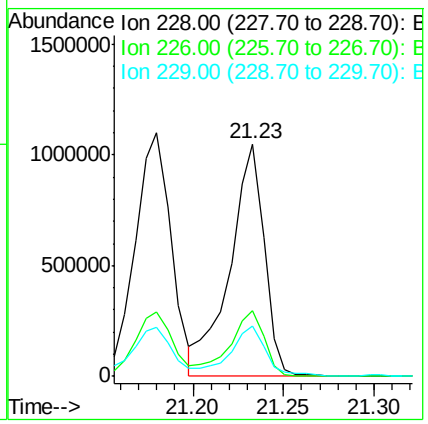




#85
Chrysene
Concen: 46.89 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:228 Resp: 1384995

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	21.8	15.5	23.3



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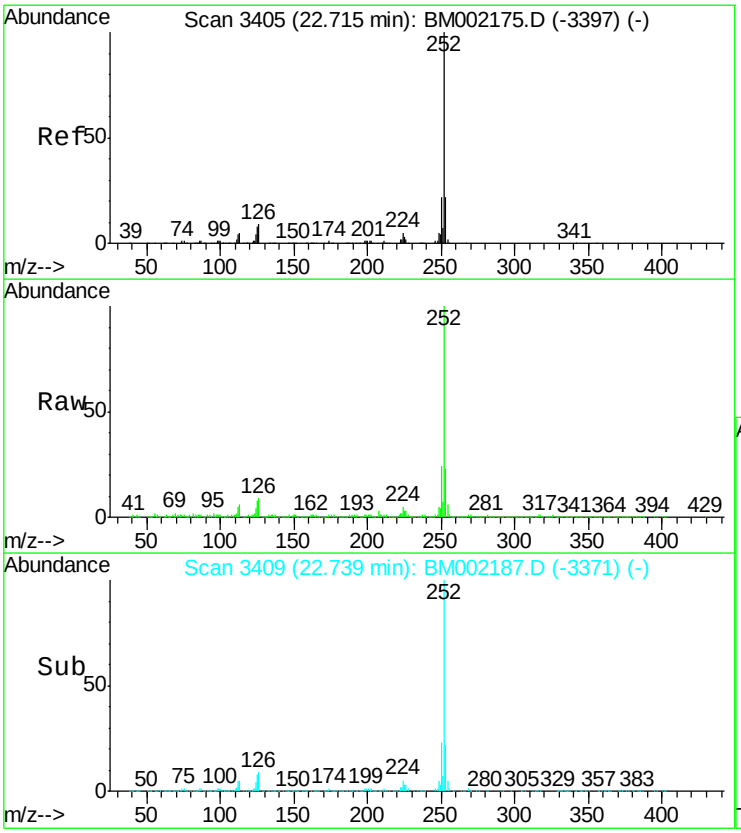
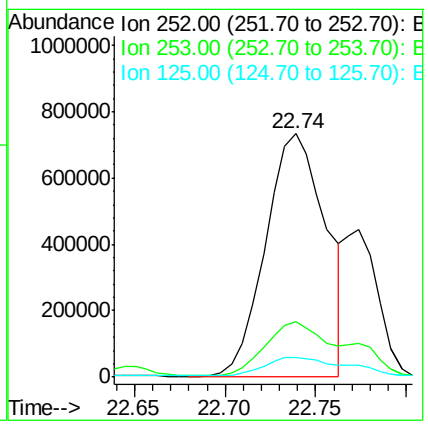
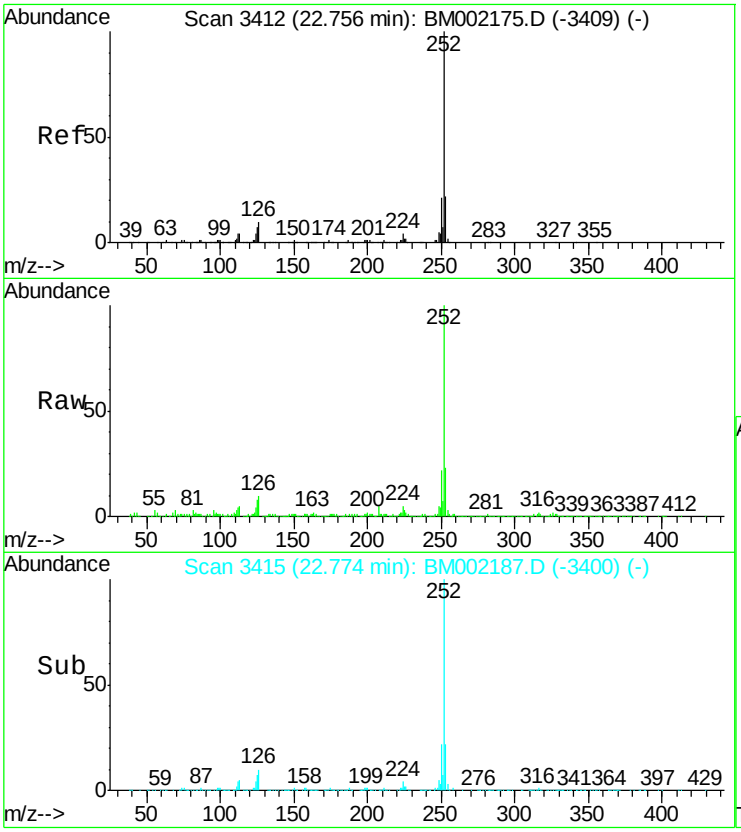


#88
Benzo(b)fluoranthene
Concen: 58.77 ng/ul
RT: 22.74 min Scan# 3409
Delta R.T. 0.02 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:252 Resp: 1686271

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.9	25.3
125	8.2	6.2	9.2

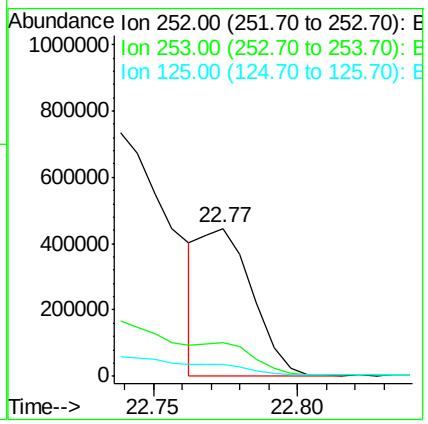




#89
Benzo(k)fluoranthene
Concen: 20.20 ng/ul m
RT: 22.77 min Scan# 3415
Delta R.T. 0.02 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:252 Resp: 559203

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	7.9	6.2	9.4



Instrument :
BNA_M
ClientSampleId :
C01S3

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MMDadoda
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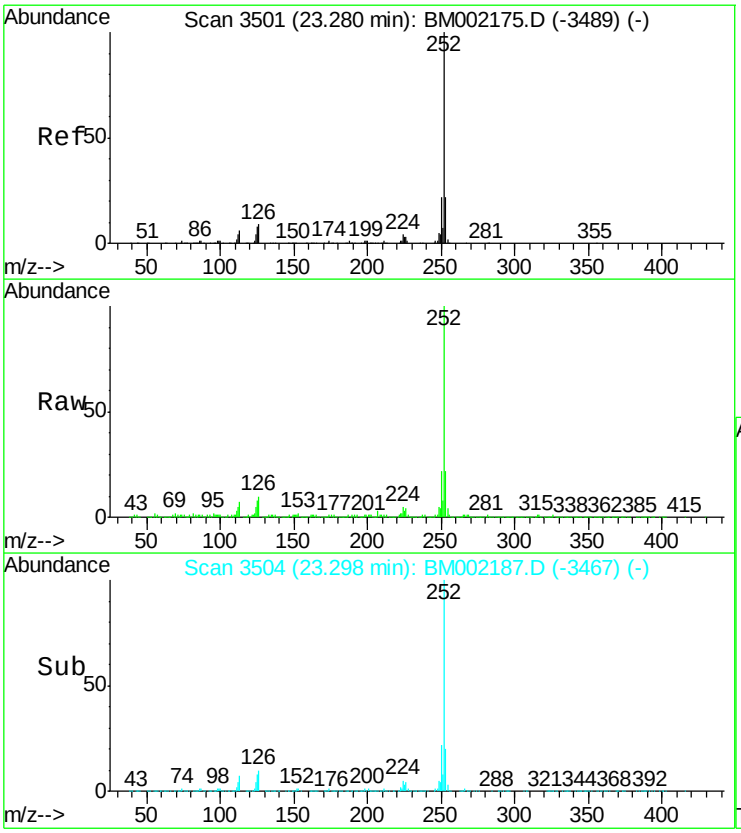
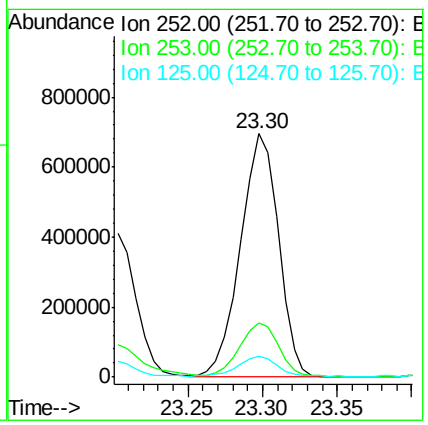
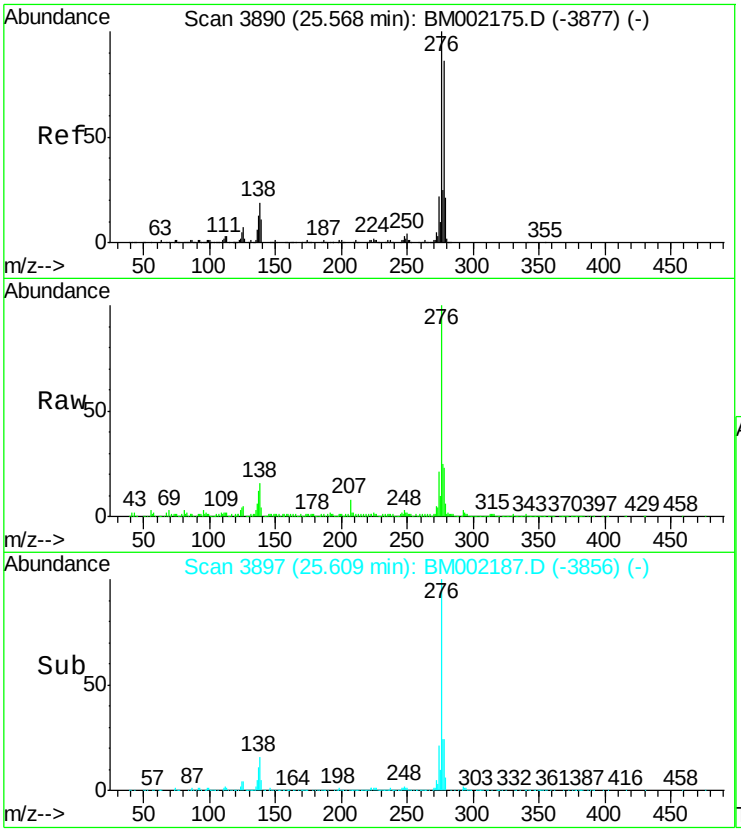


#91
Benzo(a)pyrene
Concen: 44.15 ng/ul
RT: 23.30 min Scan# 3504
Delta R.T. 0.02 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:252 Resp: 1222762

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	8.5	6.6	10.0





#92
Indeno(1,2,3-cd)pyrene
Concen: 24.32 ng/ul
RT: 25.61 min Scan# 3897
Delta R.T. 0.04 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:276 Resp: 776128

Ion	Ratio	Lower	Upper
276	100		
138	15.8	16.2	24.2#
277	24.9	19.8	29.8

Instrument :
BNA_M
ClientSampleId :
C01S3

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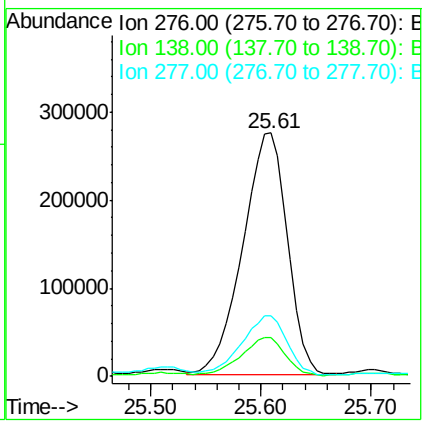
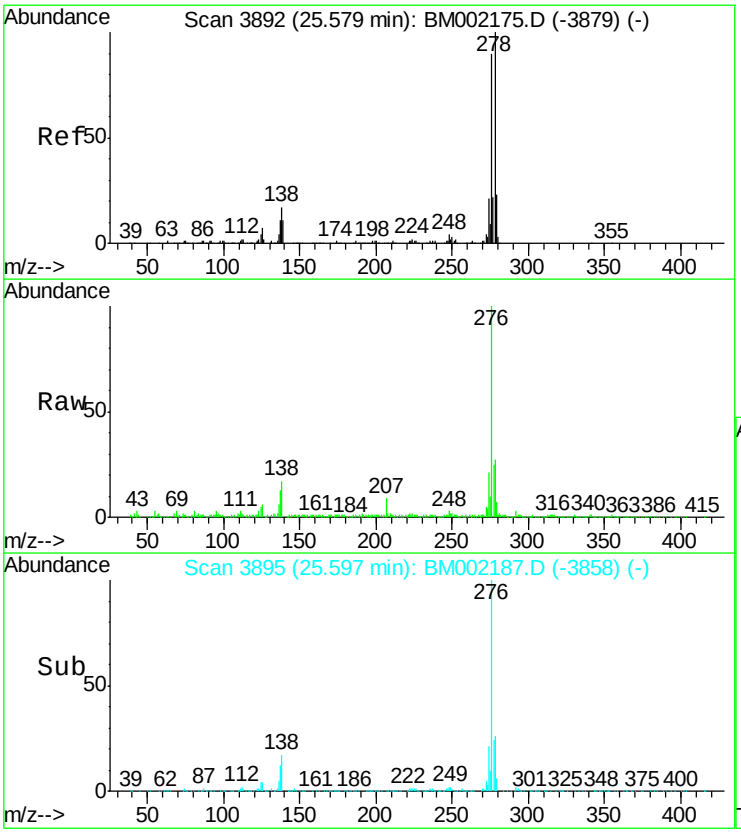
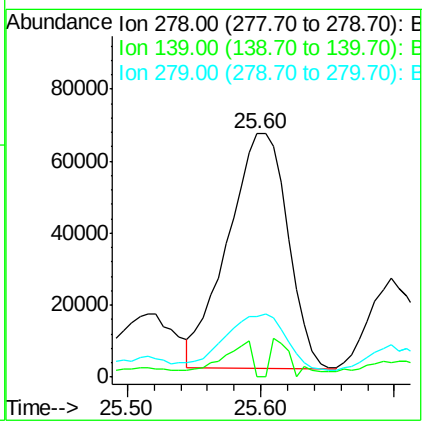


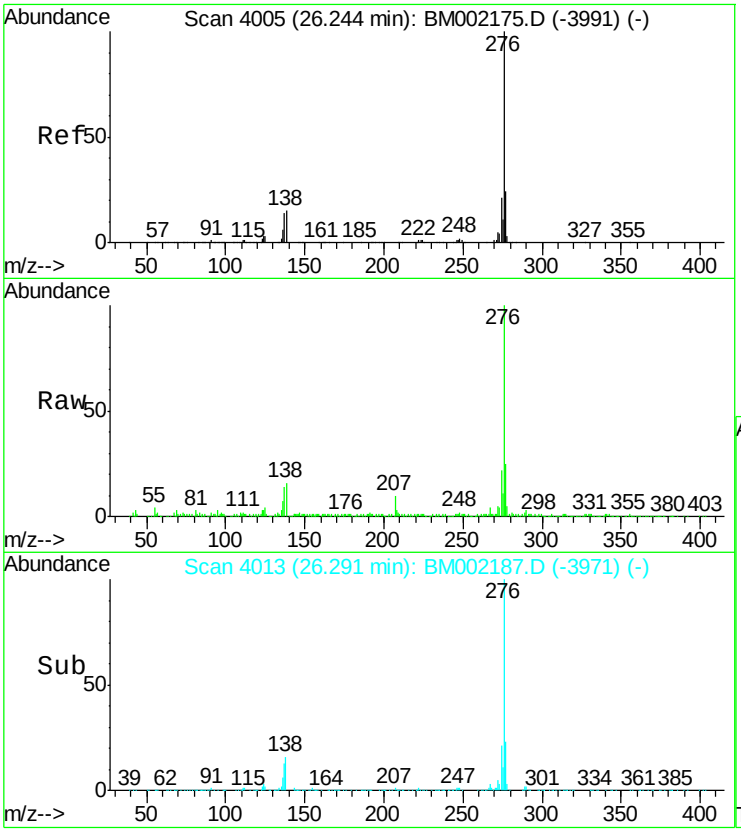


#93
Dibenzo(a,h)anthracene
Concen: 7.46 ng/ul
RT: 25.60 min Scan# 3895
Delta R.T. 0.02 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:278 Resp: 203639

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.6	16.0#
279	24.9	18.5	27.7

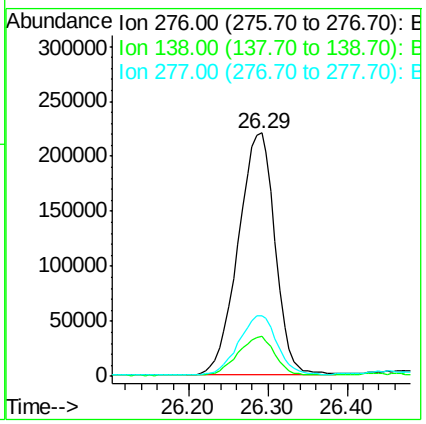




#94
Benzo(g,h,i)perylene
Concen: 26.50 ng/ul
RT: 26.29 min Scan# 4013
Delta R.T. 0.05 min
Lab File: BM002187.D
Acq: 03 Aug 2015 02:08

Tgt Ion:276 Resp: 709041

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.8	20.6
277	25.0	18.2	27.2



Instrument :
BNA_M
ClientSampleId :
C01S3

Manual Integrations APPROVED
MMDadoda
8/3/2015 4:45:10 PM